

## Appendix D. Output Power Measurement

### <WCDMA Conducted Power>

1. The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
2. The procedures in KDB 941225 D01v03r01 are applied for 3GPP Rel. 6 HSPA to configure the device in the required sub-test mode(s) to determine SAR test exclusion.
3. For DC-HSDPA, the device was configured according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1, with the primary and the secondary serving HS-DSCH Cell enabled during the power measurement.
4. Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".
5. Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is  $\leq \frac{1}{4}$  dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is  $\leq 1.2$  W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA, DC-HSDPA) are less than  $\frac{1}{4}$  dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

A summary of these settings are illustrated below:

**HSDPA Setup Configuration:**

- a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
- b. The RF path losses were compensated into the measurements.
- c. A call was established between EUT and Base Station with following setting:
  - i. Set Gain Factors ( $\beta_c$  and  $\beta_d$ ) and parameters were set according to each
  - ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
  - iii. Set RMC 12.2Kbps + HSDPA mode.
  - iv. Set Cell Power = -86 dBm
  - v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
  - vi. Select HSDPA Uplink Parameters
  - vii. Set Delta ACK, Delta NACK and Delta CQI = 8
  - viii. Set Ack-Nack Repetition Factor to 3
  - ix. Set CQI Feedback Cycle (k) to 4 ms
  - x. Set CQI Repetition Factor to 2
  - xi. Power Ctrl Mode = All Up bits
- d. The transmitted maximum output power was recorded.

**Table C.10.1.4:  $\beta$  values for transmitter characteristics tests with HS-DPCCH**

| Sub-test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | $\beta_c$         | $\beta_d$         | $\beta_d$<br>(SF) | $\beta_c/\beta_d$ | $\beta_{hs}$<br>(Note 1,<br>Note 2) | CM (dB)<br>(Note 3) | MPR (dB)<br>(Note 3) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------------------------|---------------------|----------------------|
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/15              | 15/15             | 64                | 2/15              | 4/15                                | 0.0                 | 0.0                  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 12/15<br>(Note 4) | 15/15<br>(Note 4) | 64                | 12/15<br>(Note 4) | 24/15                               | 1.0                 | 0.0                  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15/15             | 8/15              | 64                | 15/8              | 30/15                               | 1.5                 | 0.5                  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15/15             | 4/15              | 64                | 15/4              | 30/15                               | 1.5                 | 0.5                  |
| <p>Note 1: <math>\Delta_{ACK}</math>, <math>\Delta_{NACK}</math> and <math>\Delta_{CQI} = 30/15</math> with <math>\beta_{hs} = 30/15 * \beta_c</math>.</p> <p>Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, <math>\Delta_{ACK}</math> and <math>\Delta_{NACK} = 30/15</math> with <math>\beta_{hs} = 30/15 * \beta_c</math>, and <math>\Delta_{CQI} = 24/15</math> with <math>\beta_{hs} = 24/15 * \beta_c</math>.</p> <p>Note 3: CM = 1 for <math>\beta_c/\beta_d = 12/15</math>, <math>\beta_{hs}/\beta_c = 24/15</math>. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.</p> <p>Note 4: For subtest 2 the <math>\beta_c/\beta_d</math> ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to <math>\beta_c = 11/15</math> and <math>\beta_d = 15/15</math>.</p> |                   |                   |                   |                   |                                     |                     |                      |

**Setup Configuration**

**HSUPA Setup Configuration:**

- The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
- The RF path losses were compensated into the measurements.
- A call was established between EUT and Base Station with following setting \* :
  - Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
  - Set the Gain Factors ( $\beta_c$  and  $\beta_d$ ) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
  - Set Cell Power = -86 dBm
  - Set Channel Type = 12.2k + HSPA
  - Set UE Target Power
  - Power Ctrl Mode= Alternating bits
  - Set and observe the E-TFCI
  - Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI
- The transmitted maximum output power was recorded.

**Table C.11.1.3:  $\beta$  values for transmitter characteristics tests with HS-DPCCH and E-DCH**

| Sub-test | $\beta_c$      | $\beta_d$      | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{HS}$ (Note 1) | $\beta_{ec}$ | $\beta_{ed}$ (Note 4) (Note 5)                 | $\beta_{ed}$ (SF) | $\beta_{ed}$ (Codes) | CM (dB) (Note 2) | MPR (dB) (Note 2) (Note 6) | AG Index (Note 5) | E-TFCI |
|----------|----------------|----------------|----------------|-------------------|-----------------------|--------------|------------------------------------------------|-------------------|----------------------|------------------|----------------------------|-------------------|--------|
| 1        | 11/15 (Note 3) | 15/15 (Note 3) | 64             | 11/15 (Note 3)    | 22/15                 | 209/25       | 1309/225                                       | 4                 | 1                    | 1.0              | 0.0                        | 20                | 75     |
| 2        | 6/15           | 15/15          | 64             | 6/15              | 12/15                 | 12/15        | 94/75                                          | 4                 | 1                    | 3.0              | 2.0                        | 12                | 67     |
| 3        | 15/15          | 9/15           | 64             | 15/9              | 30/15                 | 30/15        | $\beta_{ed1}$ : 47/15<br>$\beta_{ed2}$ : 47/15 | 4                 | 2                    | 2.0              | 1.0                        | 15                | 92     |
| 4        | 2/15           | 15/15          | 64             | 2/15              | 4/15                  | 2/15         | 56/75                                          | 4                 | 1                    | 3.0              | 2.0                        | 17                | 71     |
| 5        | 15/15          | 0              | -              | -                 | 5/15                  | 5/15         | 47/15                                          | 4                 | 1                    | 1.0              | 0.0                        | 12                | 67     |

Note 1: For sub-test 1 to 4,  $\Delta_{ACK}$ ,  $\Delta_{NACK}$  and  $\Delta_{CQI} = 30/15$  with  $\beta_{hs} = 30/15 * \beta_c$ . For sub-test 5,  $\Delta_{ACK}$ ,  $\Delta_{NACK}$  and  $\Delta_{CQI} = 5/15$  with  $\beta_{hs} = 5/15 * \beta_c$ .

Note 2: CM = 1 for  $\beta_c/\beta_d = 12/15$ ,  $\beta_{hs}/\beta_c = 24/15$ . For all other combinations of DPDCCH, DPCCH, HS-DPCCH, E-DPDCCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the  $\beta_c/\beta_d$  ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to  $\beta_c = 10/15$  and  $\beta_d = 15/15$ .

Note 4: In case of testing by UE using E-DPDCCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5:  $\beta_{ed}$  can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCCH power scaling at max power which could results in slightly smaller MPR values.

**Setup Configuration**

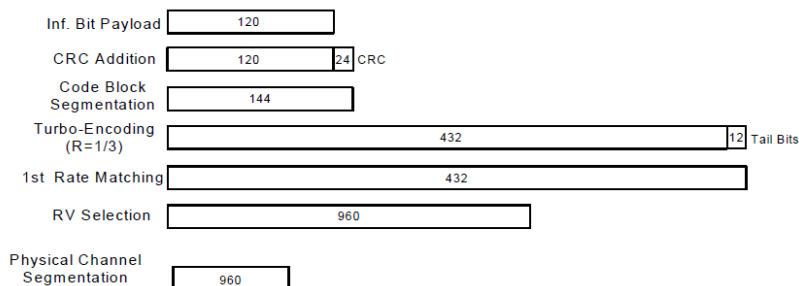
**DC-HSDPA 3GPP release 8 Setup Configuration:**

- a. The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration below
- b. The RF path losses were compensated into the measurements.
- c. A call was established between EUT and Base Station with following setting:
  - i. Set RMC 12.2Kbps + HSDPA mode.
  - ii. Set Cell Power = -25 dBm
  - iii. Set HS-DSCH Configuration Type to FRC (H-set 12, QPSK)
  - iv. Select HSDPA Uplink Parameters
  - v. Set Gain Factors ( $\beta_c$  and  $\beta_d$ ) and parameters were set according to each Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
    - a). Subtest 1:  $\beta_c/\beta_d=2/15$
    - b). Subtest 2:  $\beta_c/\beta_d=12/15$
    - c). Subtest 3:  $\beta_c/\beta_d=15/8$
    - d). Subtest 4:  $\beta_c/\beta_d=15/4$
  - vi. Set Delta ACK, Delta NACK and Delta CQI = 8
  - vii. Set Ack-Nack Repetition Factor to 3
  - viii. Set CQI Feedback Cycle (k) to 4 ms
  - ix. Set CQI Repetition Factor to 2
  - x. Power Ctrl Mode = All Up bits
- d. The transmitted maximum output power was recorded.

The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification. A summary of these settings are illustrated below:

**C.8.1.12 Fixed Reference Channel Definition H-Set 12**
**Table C.8.1.12: Fixed Reference Channel H-Set 12**

| Parameter                                                                                                                                              | Unit      | Value |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| Nominal Avg. Inf. Bit Rate                                                                                                                             | kbps      | 60    |
| Inter-TTI Distance                                                                                                                                     | TTI's     | 1     |
| Number of HARQ Processes                                                                                                                               | Processes | 6     |
| Information Bit Payload ( $N_{inf}$ )                                                                                                                  | Bits      | 120   |
| Number Code Blocks                                                                                                                                     | Blocks    | 1     |
| Binary Channel Bits Per TTI                                                                                                                            | Bits      | 960   |
| Total Available SML's in UE                                                                                                                            | SML's     | 19200 |
| Number of SML's per HARQ Proc.                                                                                                                         | SML's     | 3200  |
| Coding Rate                                                                                                                                            |           | 0.15  |
| Number of Physical Channel Codes                                                                                                                       | Codes     | 1     |
| Modulation                                                                                                                                             |           | QPSK  |
| Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table.               |           |       |
| Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used. |           |       |


**Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)**
**Setup Configuration**

**<LTE Conducted Power>****General Note:**

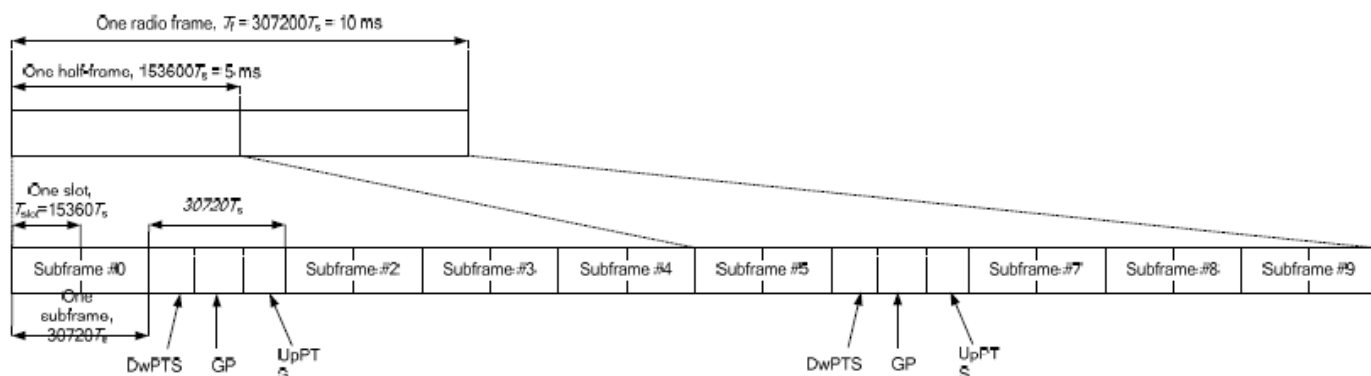
1. A Base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.
2. Per KDB 941225 D05v02r05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.
3. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
4. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
5. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
6. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is  $\leq 1.45$  W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
7. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is  $>$  not  $\frac{1}{2}$  dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.
8. For LTE B4/B5/B12/B17/B26/B38/B71 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
9. LTE band 4/5/17/38 SAR test was covered by Band 66/26/12/41; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if
  - a. the maximum output power, including tolerance, for the smaller band is  $\leq$  the larger band to qualify for the SAR test exclusion
  - b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band

**<TDD LTE SAR Measurement>**

TDD LTE configuration setup for SAR measurement

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP.

- 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations
- “special subframe S” contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS
- Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Base station simulator was used for LTE output power measurements and SAR testing.



**Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).**

**Table 4.2-2: Uplink-downlink configurations.**

| Uplink-downlink configuration | Downlink-to-Uplink Switch-point periodicity | Subframe number |   |   |   |   |   |   |   |   |   |
|-------------------------------|---------------------------------------------|-----------------|---|---|---|---|---|---|---|---|---|
|                               |                                             | 0               | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0                             | 5 ms                                        | D               | S | U | U | U | D | S | U | U | U |
| 1                             | 5 ms                                        | D               | S | U | U | D | D | S | U | U | D |
| 2                             | 5 ms                                        | D               | S | U | D | D | D | S | U | D | D |
| 3                             | 10 ms                                       | D               | S | U | U | U | D | D | D | D | D |
| 4                             | 10 ms                                       | D               | S | U | U | D | D | D | D | D | D |
| 5                             | 10 ms                                       | D               | S | U | D | D | D | D | D | D | D |
| 6                             | 5 ms                                        | D               | S | U | U | U | D | S | U | U | D |

**Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).**

| Special subframe configuration | Normal cyclic prefix in downlink |                                |                                  | Extended cyclic prefix in downlink |                                |                                  |
|--------------------------------|----------------------------------|--------------------------------|----------------------------------|------------------------------------|--------------------------------|----------------------------------|
|                                | DwPTS                            | UpPTS                          |                                  | DwPTS                              | UpPTS                          |                                  |
|                                |                                  | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |                                    | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| 0                              | $6592 \cdot T_s$                 | $2192 \cdot T_s$               | $2560 \cdot T_s$                 | $7680 \cdot T_s$                   | $2192 \cdot T_s$               | $2560 \cdot T_s$                 |
| 1                              | $19760 \cdot T_s$                |                                |                                  | $20480 \cdot T_s$                  |                                |                                  |
| 2                              | $21952 \cdot T_s$                |                                |                                  | $23040 \cdot T_s$                  |                                |                                  |
| 3                              | $24144 \cdot T_s$                |                                |                                  | $25600 \cdot T_s$                  |                                |                                  |
| 4                              | $26336 \cdot T_s$                | $4384 \cdot T_s$               | $5120 \cdot T_s$                 | $7680 \cdot T_s$                   | $4384 \cdot T_s$               | $5120 \cdot T_s$                 |
| 5                              | $6592 \cdot T_s$                 |                                |                                  | $20480 \cdot T_s$                  |                                |                                  |
| 6                              | $19760 \cdot T_s$                |                                |                                  | $23040 \cdot T_s$                  |                                |                                  |
| 7                              | $21952 \cdot T_s$                |                                |                                  | $12800 \cdot T_s$                  |                                |                                  |
| 8                              | $24144 \cdot T_s$                |                                |                                  | -                                  | -                              | -                                |
| 9                              | $13168 \cdot T_s$                |                                |                                  | -                                  | -                              | -                                |

| Special subframe (30720·T <sub>s</sub> ): Normal cyclic prefix in downlink (UpPTS) |                                |                                |                                  |
|------------------------------------------------------------------------------------|--------------------------------|--------------------------------|----------------------------------|
|                                                                                    | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe                                         | 0~4                            | 7.13%                          | 8.33%                            |
|                                                                                    | 5~9                            | 14.3%                          | 16.7%                            |

| Special subframe(30720·T <sub>s</sub> ): Extended cyclic prefix in downlink (UpPTS) |                                |                                |                                  |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------|----------------------------------|
|                                                                                     | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe                                          | 0~3                            | 7.13%                          | 8.33%                            |
|                                                                                     | 4~7                            | 14.3%                          | 16.7%                            |

The highest duty factor is resulted from:

- Uplink-downlink configuration: 0. In a half-frame consisted of 5 subframes, uplink operation is in 3 uplink subframes and 1 special subframe.
- special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink
- for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is:  
 $(3+0.167)/5 = 63.3\%$
- for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is:  
 $(3+0.143)/5 = 62.9\%$
- For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix  $63.3\%/62.9\% = 1.006$  is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)\* Tune-up Scaling Factor\* scaling factor for extended cyclic prefix.
- The device supports Power Class 3 uplink-downlink configurations 0 and 6, and Power Class 2 uplink-downlink configurations 1 to 5 operations for LTE Band 41.
- The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1, for Power Class 3 operation is 63.3% using UL-DL configuration 0. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR among all exposure condition.

**<5G NR Note>**

1. Referencing the procedure in KDB 941225, the test procedures are outlined as below
  - a. For DFT-OFDM output power measurement, full measurement was done for Pi/2 BPSK and QPSK and for the largest supported bandwidth, repeat test for 16QAM/64QAM/256QAM under 1RB 1Offset configuration. For smaller bandwidth, measure conducted power for Pi/2 BPSK and 1RB 1Offset configuration.
  - b. According to the tune-up, CP-OFDM output power is not ½ dB higher than DFT-OFDM mode, and the reported SAR of DFT-OFDM mode reported SAR is  $\leq 1.45$  W/kg, SAR test and thus conducted power for CP-OFDM mode is not required.
  - c. To start SAR test for the largest channel bandwidth for Pi/2 BPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. Also do SAR test for 50% RB allocation for Pi/2 BPSK SAR testing using 1RB Pi/2 BPSK allocation procedure
  - d. For Pi/2 BPSK with 100% RB allocation, SAR test is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are  $\leq 0.8$  W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is  $> 1.45$  W/kg, the remaining required test channels must also be tested.
  - e. For higher modulation QPSK/16QAM/64QAM/256QAM, according to tune-up document the power level is not ½ dB higher than the same configuration in Pi/2 BPSK, also reported SAR for the Pi/2 BPSK configuration is less than 1.45 W/kg, QPSK/16QAM/64QAM/256QAM SAR testing are not required.
  - f. Smaller bandwidth output power for each RB allocation configuration for this device is not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg, smaller bandwidth SAR testing is not required for this device
2. Due to test setup limitations, SAR testing for NR TDD Power class 3 was performed using Factory Test Mode software to establish the connection and perform SAR with 100% transmission. For NR TDD power class2 was performed using Factory Test Mode software to establish the connection and perform SAR with 50% transmission.
3. For NR FDD was establishing connections via a base station simulator to use for output power measurement and SAR testing

**<3GPP 38.101 MPR for EN-DC>**
**Table 6.2.2-1 Maximum power reduction (MPR) for power class 3**

| Modulation                                                                                                                                                                                                                                                                                                                                               |           | MPR (dB)            |                      |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|----------------------|----------------------|
|                                                                                                                                                                                                                                                                                                                                                          |           | Edge RB allocations | Outer RB allocations | Inner RB allocations |
| DFT-s-OFDM                                                                                                                                                                                                                                                                                                                                               | Pi/2 BPSK | $\leq 3.5^1$        | $\leq 1.2^1$         | $\leq 0.2^1$         |
|                                                                                                                                                                                                                                                                                                                                                          |           | $\leq 0.5^2$        | $\leq 0.5^2$         | 0 <sup>2</sup>       |
|                                                                                                                                                                                                                                                                                                                                                          | QPSK      | $\leq 1$            |                      | 0                    |
|                                                                                                                                                                                                                                                                                                                                                          | 16 QAM    | $\leq 2$            |                      | $\leq 1$             |
|                                                                                                                                                                                                                                                                                                                                                          | 64 QAM    | $\leq 2.5$          |                      |                      |
|                                                                                                                                                                                                                                                                                                                                                          | 256 QAM   | $\leq 4.5$          |                      |                      |
| CP-OFDM                                                                                                                                                                                                                                                                                                                                                  | QPSK      | $\leq 3$            |                      | $\leq 1.5$           |
|                                                                                                                                                                                                                                                                                                                                                          | 16 QAM    | $\leq 3$            |                      | $\leq 2$             |
|                                                                                                                                                                                                                                                                                                                                                          | 64 QAM    | $\leq 3.5$          |                      |                      |
|                                                                                                                                                                                                                                                                                                                                                          | 256 QAM   | $\leq 6.5$          |                      |                      |
| NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability <i>powerBoosting-pi2BPSK</i> and if the IE <i>powerBoostPi2BPSK</i> is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79. The reference power of 0 dB MPR is 26 dBm. |           |                     |                      |                      |
| NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n40, n41, n77, n78 and n79 with Pi/2 BPSK modulation and if the IE <i>powerBoostPi2BPSK</i> is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n40, n41, n77, n78 and n79.                                             |           |                     |                      |                      |

**Table 6.2.2-2 Maximum power reduction (MPR) for power class 2**

| Modulation |           | MPR (dB)            |                      |                      |
|------------|-----------|---------------------|----------------------|----------------------|
|            |           | Edge RB allocations | Outer RB allocations | Inner RB allocations |
| DFT-s-OFDM | PI/2 BPSK | ≤ 3.5               | ≤ 0.5                | 0                    |
|            | QPSK      | ≤ 3.5               | ≤ 1                  | 0                    |
|            | 16 QAM    | ≤ 3.5               | ≤ 2                  | ≤ 1                  |
|            | 64 QAM    | ≤ 3.5               | ≤ 2.5                |                      |
|            | 256 QAM   | ≤ 4.5               |                      |                      |
| CP-OFDM    | QPSK      | ≤ 3.5               | ≤ 3                  | ≤ 1.5                |
|            | 16 QAM    | ≤ 3.5               | ≤ 3                  | ≤ 2                  |
|            | 64 QAM    | ≤ 3.5               |                      |                      |
|            | 256 QAM   | ≤ 6.5               |                      |                      |

**<WLAN Note>**

1. The SISO operation only operate in 2.4GHz WLAN, the MIMO operation is support in 2.4GHz / 5GHz / 6GHz WLAN
2. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For "Not required", SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, additional output power measurements were not necessary.
3. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
4. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
5. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
6. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures. The initial test position procedure is described in the following:
  - a. When the reported SAR of the initial test position is  $\leq 0.4$  W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
  - b. When the reported SAR of the test position is  $> 0.4$  W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is  $\leq 0.8$  W/kg or all required test position are tested.
  - c. For all positions/configurations, when the reported SAR is  $> 0.8$  W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is  $\leq 1.2$  W/kg or all required channels are tested.
7. Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power also higher than RU (OFDMA)
8. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
9. For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
10. When SAR testing for 802.11ax is required
  - a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
  - b. Otherwise, consider the fully allocated channel for SAR testing
  - c. When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel

**<Bluetooth>**

For 2.4GHz Bluetooth SAR testing was selected ER/EDR 1Mbps due to its highest average power and duty cycle list below are considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation, for the duty cycle figure and output

**<WCDMA>**

| Band            |                    | WCDMA II_Ant 1_DSI 0 |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV_Ant 1_DSI 0 |        |        | Tune-up<br>Limit<br>(dBm) | WCDMA V_Ant 1_DSI 0 |       |       | Tune-up<br>Limit<br>(dBm) |
|-----------------|--------------------|----------------------|-------|--------|---------------------------|----------------------|--------|--------|---------------------------|---------------------|-------|-------|---------------------------|
| TX Channel      |                    | 9262                 | 9400  | 9538   |                           | 1312                 | 1413   | 1513   |                           | 4132                | 4182  | 4233  |                           |
| Rx Channel      |                    | 9662                 | 9800  | 9938   |                           | 1537                 | 1638   | 1738   |                           | 4357                | 4407  | 4458  |                           |
| Frequency (MHz) |                    | 1852.4               | 1880  | 1907.6 |                           | 1712.4               | 1732.6 | 1752.6 |                           | 826.4               | 836.4 | 846.6 |                           |
| 3GPP Rel 99     | RMC 12.2Kbps       | 24.16                | 23.82 | 24.17  | 24.50                     | 24.69                | 24.44  | 24.96  | 25.00                     | 24.56               | 24.23 | 24.47 | 25.00                     |
| 3GPP Rel 6      | HSDPA Subtest-1    | 23.06                | 23.04 | 23.09  | 23.50                     | 23.61                | 23.42  | 23.91  | 24.00                     | 23.46               | 23.22 | 23.42 | 24.00                     |
| 3GPP Rel 6      | HSDPA Subtest-2    | 23.02                | 23.01 | 23.04  | 23.50                     | 23.59                | 23.40  | 23.88  | 24.00                     | 23.43               | 23.20 | 23.39 | 24.00                     |
| 3GPP Rel 6      | HSDPA Subtest-3    | 22.47                | 22.53 | 22.46  | 23.00                     | 23.01                | 22.93  | 23.41  | 23.50                     | 22.89               | 22.60 | 22.99 | 23.50                     |
| 3GPP Rel 6      | HSDPA Subtest-4    | 22.43                | 22.52 | 22.44  | 23.00                     | 23.08                | 22.94  | 23.40  | 23.50                     | 22.88               | 22.56 | 22.92 | 23.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-1 | 22.92                | 23.04 | 22.96  | 24.00                     | 23.55                | 23.44  | 23.87  | 24.00                     | 23.44               | 23.12 | 23.45 | 24.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-2 | 22.91                | 22.96 | 22.93  | 24.00                     | 23.54                | 23.44  | 23.94  | 24.00                     | 23.31               | 23.07 | 23.43 | 24.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-3 | 22.41                | 22.45 | 22.38  | 23.50                     | 23.07                | 22.93  | 23.41  | 23.50                     | 22.79               | 22.56 | 22.94 | 23.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-4 | 22.35                | 22.45 | 22.39  | 23.50                     | 23.09                | 22.94  | 23.39  | 23.50                     | 22.83               | 22.53 | 22.85 | 23.50                     |
| 3GPP Rel 6      | HSUPA Subtest-1    | 22.46                | 22.53 | 22.45  | 24.00                     | 23.04                | 22.91  | 23.38  | 24.00                     | 22.86               | 22.61 | 22.99 | 24.00                     |
| 3GPP Rel 6      | HSUPA Subtest-2    | 20.94                | 21.03 | 20.95  | 22.00                     | 21.53                | 21.45  | 21.89  | 22.00                     | 21.43               | 21.12 | 21.47 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-3    | 21.92                | 22.02 | 21.94  | 23.00                     | 22.58                | 22.41  | 22.83  | 23.00                     | 22.42               | 22.11 | 22.45 | 23.00                     |
| 3GPP Rel 6      | HSUPA Subtest-4    | 20.93                | 21.03 | 20.96  | 22.00                     | 21.52                | 21.43  | 21.85  | 22.00                     | 21.44               | 21.12 | 21.45 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-5    | 22.96                | 23.03 | 22.94  | 24.00                     | 23.60                | 23.43  | 23.93  | 24.00                     | 23.43               | 23.12 | 23.46 | 24.00                     |

| Band            |                    | WCDMA II_Ant 1_DSI 1 (WLAN OFF) |       |        | Tune-up<br>Limit<br>(dBm) | WCDMA IV_Ant 1_DSI 1 (WLAN OFF) |        |        | Tune-up<br>Limit<br>(dBm) | WCDMA V_Ant 1_DSI 1 (WLAN OFF) |       |       | Tune-up<br>Limit<br>(dBm) |
|-----------------|--------------------|---------------------------------|-------|--------|---------------------------|---------------------------------|--------|--------|---------------------------|--------------------------------|-------|-------|---------------------------|
| TX Channel      |                    | 9262                            | 9400  | 9538   |                           | 1312                            | 1413   | 1513   |                           | 4132                           | 4182  | 4233  |                           |
| Rx Channel      |                    | 9662                            | 9800  | 9938   |                           | 1537                            | 1638   | 1738   |                           | 4357                           | 4407  | 4458  |                           |
| Frequency (MHz) |                    | 1852.4                          | 1880  | 1907.6 |                           | 1712.4                          | 1732.6 | 1752.6 |                           | 826.4                          | 836.4 | 846.6 |                           |
| 3GPP Rel 99     | RMC 12.2Kbps       | 23.43                           | 23.13 | 23.47  | 23.90                     | 23.03                           | 22.70  | 23.22  | 23.30                     | 24.56                          | 24.23 | 24.47 | 25.00                     |
| 3GPP Rel 6      | HSDPA Subtest-1    | 22.33                           | 22.14 | 22.45  | 22.90                     | 21.97                           | 21.66  | 22.13  | 22.30                     | 23.46                          | 23.22 | 23.42 | 24.00                     |
| 3GPP Rel 6      | HSDPA Subtest-2    | 22.30                           | 22.13 | 22.41  | 22.90                     | 21.96                           | 21.68  | 22.10  | 22.30                     | 23.43                          | 23.20 | 23.39 | 24.00                     |
| 3GPP Rel 6      | HSDPA Subtest-3    | 21.89                           | 21.59 | 21.96  | 22.40                     | 21.49                           | 21.16  | 21.64  | 21.80                     | 22.89                          | 22.60 | 22.99 | 23.50                     |
| 3GPP Rel 6      | HSDPA Subtest-4    | 21.81                           | 21.58 | 21.94  | 22.40                     | 21.42                           | 21.17  | 21.52  | 21.80                     | 22.88                          | 22.56 | 22.92 | 23.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-1 | 22.23                           | 22.05 | 22.50  | 22.90                     | 21.97                           | 21.57  | 22.11  | 22.30                     | 23.44                          | 23.12 | 23.45 | 24.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-2 | 22.33                           | 22.04 | 22.45  | 22.90                     | 21.95                           | 21.64  | 22.01  | 22.30                     | 23.31                          | 23.07 | 23.43 | 24.00                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-3 | 21.81                           | 21.54 | 21.93  | 22.40                     | 21.48                           | 21.10  | 21.54  | 21.80                     | 22.79                          | 22.56 | 22.94 | 23.50                     |
| 3GPP Rel 8      | DC-HSDPA Subtest-4 | 21.70                           | 21.62 | 21.87  | 22.40                     | 21.39                           | 21.12  | 21.48  | 21.80                     | 22.83                          | 22.53 | 22.85 | 23.50                     |
| 3GPP Rel 6      | HSUPA Subtest-1    | 22.28                           | 22.11 | 22.47  | 22.90                     | 21.90                           | 21.61  | 22.14  | 22.30                     | 22.86                          | 22.61 | 22.99 | 24.00                     |
| 3GPP Rel 6      | HSUPA Subtest-2    | 20.30                           | 20.08 | 20.42  | 20.90                     | 19.93                           | 19.62  | 20.11  | 20.30                     | 21.43                          | 21.12 | 21.47 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-3    | 21.23                           | 21.11 | 21.33  | 21.90                     | 20.99                           | 20.65  | 21.18  | 21.30                     | 22.42                          | 22.11 | 22.45 | 23.00                     |
| 3GPP Rel 6      | HSUPA Subtest-4    | 20.18                           | 20.15 | 20.29  | 20.90                     | 19.86                           | 19.63  | 20.15  | 20.30                     | 21.44                          | 21.12 | 21.45 | 22.00                     |
| 3GPP Rel 6      | HSUPA Subtest-5    | 22.22                           | 22.12 | 22.36  | 22.90                     | 21.92                           | 21.66  | 22.18  | 22.30                     | 23.43                          | 23.12 | 23.46 | 24.00                     |



| Band            |                    | WCDMA II_Ant 1_DSI 1 (WLAN ON) |       |        | Tune-up Limit (dBm) | WCDMA IV_Ant 1_DSI 1 (WLAN ON) |        |        | Tune-up Limit (dBm) | WCDMA V_Ant 1_DSI 1 (WLAN ON) |       |       | Tune-up Limit (dBm) |
|-----------------|--------------------|--------------------------------|-------|--------|---------------------|--------------------------------|--------|--------|---------------------|-------------------------------|-------|-------|---------------------|
| TX Channel      |                    | 9262                           | 9400  | 9538   |                     | 1312                           | 1413   | 1513   |                     | 4132                          | 4182  | 4233  |                     |
| Rx Channel      |                    | 9662                           | 9800  | 9938   | Tune-up Limit (dBm) | 1537                           | 1638   | 1738   |                     | 4357                          | 4407  | 4458  |                     |
| Frequency (MHz) |                    | 1852.4                         | 1880  | 1907.6 |                     | 1712.4                         | 1732.6 | 1752.6 |                     | 826.4                         | 836.4 | 846.6 |                     |
| 3GPP Rel 99     | RMC 12.2Kbps       | 20.34                          | 20.21 | 20.35  | 21.00               | 20.06                          | 19.65  | 20.04  | 20.50               | 22.28                         | 22.29 | 22.25 | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-1    | 19.45                          | 19.26 | 19.28  | 20.00               | 18.83                          | 18.56  | 19.04  | 19.50               | 21.20                         | 20.85 | 21.17 | 22.00               |
| 3GPP Rel 6      | HSDPA Subtest-2    | 19.44                          | 19.21 | 19.33  | 20.00               | 18.60                          | 18.59  | 19.07  | 19.50               | 21.21                         | 20.91 | 21.33 | 22.00               |
| 3GPP Rel 6      | HSDPA Subtest-3    | 18.96                          | 18.68 | 18.80  | 19.50               | 18.33                          | 18.15  | 18.55  | 19.00               | 20.72                         | 20.37 | 20.69 | 21.50               |
| 3GPP Rel 6      | HSDPA Subtest-4    | 18.94                          | 18.70 | 18.82  | 19.50               | 18.35                          | 18.11  | 18.53  | 19.00               | 20.71                         | 20.34 | 20.77 | 21.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-1 | 19.36                          | 19.16 | 19.20  | 20.00               | 18.78                          | 18.49  | 18.94  | 19.50               | 21.17                         | 20.78 | 21.15 | 22.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-2 | 19.33                          | 19.13 | 19.22  | 20.00               | 18.48                          | 18.58  | 18.96  | 19.50               | 21.18                         | 20.85 | 21.20 | 22.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-3 | 18.85                          | 18.62 | 18.73  | 19.50               | 18.22                          | 18.10  | 18.52  | 19.00               | 20.67                         | 20.23 | 20.65 | 21.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-4 | 18.88                          | 18.60 | 18.76  | 19.50               | 18.30                          | 18.00  | 18.46  | 19.00               | 20.64                         | 20.31 | 20.65 | 21.50               |
| 3GPP Rel 6      | HSUPA Subtest-1    | 19.44                          | 19.25 | 19.30  | 20.00               | 18.80                          | 18.56  | 19.08  | 19.50               | 21.17                         | 20.79 | 21.28 | 22.00               |
| 3GPP Rel 6      | HSUPA Subtest-2    | 17.35                          | 17.22 | 17.42  | 18.00               | 16.78                          | 16.63  | 17.06  | 17.50               | 19.23                         | 18.85 | 19.16 | 20.00               |
| 3GPP Rel 6      | HSUPA Subtest-3    | 18.42                          | 18.23 | 18.32  | 19.00               | 17.83                          | 17.66  | 18.03  | 18.50               | 20.26                         | 19.81 | 20.25 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-4    | 17.44                          | 17.20 | 17.31  | 18.00               | 16.82                          | 16.61  | 17.04  | 17.50               | 19.17                         | 18.79 | 19.14 | 20.00               |
| 3GPP Rel 6      | HSUPA Subtest-5    | 19.42                          | 19.25 | 19.35  | 20.00               | 18.80                          | 18.60  | 19.04  | 19.50               | 21.15                         | 20.81 | 21.28 | 22.00               |

| Band            |                    | WCDMA II_Ant 1_DSI 3 |       |        | Tune-up Limit (dBm) | WCDMA IV_Ant 1_DSI 3 |        |        | Tune-up Limit (dBm) | WCDMA V_Ant 1_DSI 3 |       |       | Tune-up Limit (dBm) |
|-----------------|--------------------|----------------------|-------|--------|---------------------|----------------------|--------|--------|---------------------|---------------------|-------|-------|---------------------|
| TX Channel      |                    | 9262                 | 9400  | 9538   |                     | 1312                 | 1413   | 1513   |                     | 4132                | 4182  | 4233  |                     |
| Rx Channel      |                    | 9662                 | 9800  | 9938   | Tune-up Limit (dBm) | 1537                 | 1638   | 1738   |                     | 4357                | 4407  | 4458  |                     |
| Frequency (MHz) |                    | 1852.4               | 1880  | 1907.6 |                     | 1712.4               | 1732.6 | 1752.6 |                     | 826.4               | 836.4 | 846.6 |                     |
| 3GPP Rel 99     | RMC 12.2Kbps       | 20.34                | 20.21 | 20.35  | 21.00               | 20.06                | 19.65  | 20.07  | 20.50               | 22.28               | 22.29 | 22.25 | 23.00               |
| 3GPP Rel 6      | HSDPA Subtest-1    | 19.45                | 19.26 | 19.28  | 20.00               | 18.83                | 18.56  | 19.04  | 19.50               | 21.20               | 20.85 | 21.17 | 22.00               |
| 3GPP Rel 6      | HSDPA Subtest-2    | 19.44                | 19.21 | 19.33  | 20.00               | 18.60                | 18.59  | 19.07  | 19.50               | 21.21               | 20.91 | 21.33 | 22.00               |
| 3GPP Rel 6      | HSDPA Subtest-3    | 18.96                | 18.68 | 18.80  | 19.50               | 18.33                | 18.15  | 18.55  | 19.00               | 20.72               | 20.37 | 20.69 | 21.50               |
| 3GPP Rel 6      | HSDPA Subtest-4    | 18.94                | 18.70 | 18.82  | 19.50               | 18.35                | 18.11  | 18.53  | 19.00               | 20.71               | 20.34 | 20.77 | 21.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-1 | 19.36                | 19.16 | 19.20  | 20.00               | 18.78                | 18.49  | 18.94  | 19.50               | 21.17               | 20.78 | 21.15 | 22.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-2 | 19.33                | 19.13 | 19.22  | 20.00               | 18.48                | 18.58  | 18.96  | 19.50               | 21.18               | 20.85 | 21.20 | 22.00               |
| 3GPP Rel 8      | DC-HSDPA Subtest-3 | 18.85                | 18.62 | 18.73  | 19.50               | 18.22                | 18.10  | 18.52  | 19.00               | 20.67               | 20.23 | 20.65 | 21.50               |
| 3GPP Rel 8      | DC-HSDPA Subtest-4 | 18.88                | 18.60 | 18.76  | 19.50               | 18.30                | 18.00  | 18.46  | 19.00               | 20.64               | 20.31 | 20.65 | 21.50               |
| 3GPP Rel 6      | HSUPA Subtest-1    | 19.44                | 19.25 | 19.30  | 20.00               | 18.80                | 18.56  | 19.08  | 19.50               | 21.17               | 20.79 | 21.28 | 22.00               |
| 3GPP Rel 6      | HSUPA Subtest-2    | 17.35                | 17.22 | 17.42  | 18.00               | 16.78                | 16.63  | 17.06  | 17.50               | 19.23               | 18.85 | 19.16 | 20.00               |
| 3GPP Rel 6      | HSUPA Subtest-3    | 18.42                | 18.23 | 18.32  | 19.00               | 17.83                | 17.66  | 18.03  | 18.50               | 20.26               | 19.81 | 20.25 | 21.00               |
| 3GPP Rel 6      | HSUPA Subtest-4    | 17.44                | 17.20 | 17.31  | 18.00               | 16.82                | 16.61  | 17.04  | 17.50               | 19.17               | 18.79 | 19.14 | 20.00               |
| 3GPP Rel 6      | HSUPA Subtest-5    | 19.42                | 19.25 | 19.35  | 20.00               | 18.80                | 18.60  | 19.04  | 19.50               | 21.15               | 20.81 | 21.28 | 22.00               |



&lt;LTE Band 2\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 25.59                    | 25.39                       | 25.33                     |                        |
| 20              | QPSK       | 1       | 49        | 25.51                    | 25.25                       | 25.26                     | 25.7                   |
| 20              | QPSK       | 1       | 99        | 25.40                    | 25.17                       | 25.18                     |                        |
| 20              | QPSK       | 50      | 0         | 24.65                    | 24.46                       | 24.39                     |                        |
| 20              | QPSK       | 50      | 24        | 24.59                    | 24.37                       | 24.46                     | 24.7                   |
| 20              | QPSK       | 50      | 50        | 24.51                    | 24.40                       | 24.34                     |                        |
| 20              | QPSK       | 100     | 0         | 24.58                    | 24.40                       | 24.40                     |                        |
| 20              | 16QAM      | 1       | 0         | 24.47                    | 24.69                       | 24.60                     | 24.7                   |
| 20              | 16QAM      | 1       | 49        | 24.36                    | 24.58                       | 24.60                     |                        |
| 20              | 16QAM      | 1       | 99        | 24.30                    | 24.47                       | 24.47                     |                        |
| 20              | 16QAM      | 50      | 0         | 23.62                    | 23.44                       | 23.38                     | 23.7                   |
| 20              | 16QAM      | 50      | 24        | 23.66                    | 23.45                       | 23.36                     |                        |
| 20              | 16QAM      | 50      | 50        | 23.45                    | 23.38                       | 23.41                     |                        |
| 20              | 16QAM      | 100     | 0         | 23.57                    | 23.36                       | 23.41                     | 23.7                   |
| 20              | 64QAM      | 1       | 0         | 23.61                    | 23.46                       | 23.62                     |                        |
| 20              | 64QAM      | 1       | 49        | 23.60                    | 23.60                       | 23.60                     |                        |
| 20              | 64QAM      | 1       | 99        | 23.58                    | 23.45                       | 23.46                     | 22.7                   |
| 20              | 64QAM      | 50      | 0         | 22.62                    | 22.45                       | 22.41                     |                        |
| 20              | 64QAM      | 50      | 24        | 22.62                    | 22.44                       | 22.40                     |                        |
| 20              | 64QAM      | 50      | 50        | 22.49                    | 22.33                       | 22.34                     | 20.7                   |
| 20              | 64QAM      | 100     | 0         | 22.53                    | 22.37                       | 22.32                     |                        |
| 20              | 256QAM     | 1       | 0         | 20.69                    | 20.59                       | 20.39                     |                        |
| 20              | 256QAM     | 1       | 49        | 20.68                    | 20.45                       | 20.42                     | 20.7                   |
| 20              | 256QAM     | 1       | 99        | 20.58                    | 20.59                       | 20.55                     |                        |
| 20              | 256QAM     | 50      | 0         | 20.67                    | 20.45                       | 20.33                     |                        |
| 20              | 256QAM     | 50      | 24        | 20.42                    | 20.38                       | 20.43                     | 20.7                   |
| 20              | 256QAM     | 50      | 50        | 20.56                    | 20.44                       | 20.45                     |                        |
| 20              | 256QAM     | 100     | 0         | 20.66                    | 20.40                       | 20.46                     |                        |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     |                        |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.45                    | 25.22                       | 25.20                     |                        |
| 15              | QPSK       | 1       | 37        | 25.38                    | 25.14                       | 25.14                     | 25.7                   |
| 15              | QPSK       | 1       | 74        | 25.29                    | 25.01                       | 25.06                     |                        |
| 15              | QPSK       | 36      | 0         | 24.54                    | 24.27                       | 24.20                     |                        |
| 15              | QPSK       | 36      | 20        | 24.47                    | 24.24                       | 24.26                     | 24.7                   |
| 15              | QPSK       | 36      | 39        | 24.39                    | 24.28                       | 24.21                     |                        |
| 15              | QPSK       | 75      | 0         | 24.46                    | 24.25                       | 24.24                     |                        |
| 15              | 16QAM      | 1       | 0         | 24.27                    | 24.53                       | 24.44                     | 24.7                   |
| 15              | 16QAM      | 1       | 37        | 24.16                    | 24.40                       | 24.42                     |                        |
| 15              | 16QAM      | 1       | 74        | 24.17                    | 24.30                       | 24.37                     |                        |
| 15              | 16QAM      | 36      | 0         | 23.50                    | 23.34                       | 23.26                     | 23.7                   |
| 15              | 16QAM      | 36      | 20        | 23.48                    | 23.27                       | 23.17                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.29                    | 23.28                       | 23.26                     |                        |
| 15              | 16QAM      | 75      | 0         | 23.46                    | 23.19                       | 23.31                     | 23.7                   |
| 15              | 64QAM      | 1       | 0         | 23.50                    | 23.30                       | 23.50                     |                        |
| 15              | 64QAM      | 1       | 37        | 23.46                    | 23.50                       | 23.49                     |                        |
| 15              | 64QAM      | 1       | 74        | 23.40                    | 23.25                       | 23.32                     | 22.7                   |
| 15              | 64QAM      | 36      | 0         | 22.49                    | 22.30                       | 22.28                     |                        |
| 15              | 64QAM      | 36      | 20        | 22.42                    | 22.26                       | 22.25                     |                        |
| 15              | 64QAM      | 36      | 39        | 22.37                    | 22.20                       | 22.17                     | 20.7                   |
| 15              | 64QAM      | 75      | 0         | 22.37                    | 22.20                       | 22.12                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.49                    | 20.44                       | 20.21                     |                        |
| 15              | 256QAM     | 1       | 37        | 20.58                    | 20.25                       | 20.31                     | 20.7                   |
| 15              | 256QAM     | 1       | 74        | 20.38                    | 20.46                       | 20.39                     |                        |
| 15              | 256QAM     | 36      | 0         | 20.48                    | 20.34                       | 20.19                     |                        |
| 15              | 256QAM     | 36      | 20        | 20.26                    | 20.25                       | 20.27                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 20.39  | 20.24 | 20.35  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 20.47  | 20.20 | 20.31  |                     |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   |                     |
| 10              | QPSK   | 1  | 0  | 25.39  | 25.22 | 25.23  | 25.7                |
| 10              | QPSK   | 1  | 25 | 25.40  | 25.09 | 25.08  |                     |
| 10              | QPSK   | 1  | 49 | 25.20  | 24.98 | 24.98  |                     |
| 10              | QPSK   | 25 | 0  | 24.55  | 24.36 | 24.20  | 24.7                |
| 10              | QPSK   | 25 | 12 | 24.43  | 24.23 | 24.29  |                     |
| 10              | QPSK   | 25 | 25 | 24.39  | 24.27 | 24.19  |                     |
| 10              | QPSK   | 50 | 0  | 24.42  | 24.21 | 24.23  |                     |
| 10              | 16QAM  | 1  | 0  | 24.35  | 24.54 | 24.47  | 24.7                |
| 10              | 16QAM  | 1  | 25 | 24.26  | 24.47 | 24.41  |                     |
| 10              | 16QAM  | 1  | 49 | 24.19  | 24.31 | 24.34  |                     |
| 10              | 16QAM  | 25 | 0  | 23.47  | 23.24 | 23.28  | 23.7                |
| 10              | 16QAM  | 25 | 12 | 23.50  | 23.29 | 23.16  |                     |
| 10              | 16QAM  | 25 | 25 | 23.32  | 23.24 | 23.28  |                     |
| 10              | 16QAM  | 50 | 0  | 23.44  | 23.20 | 23.30  |                     |
| 10              | 64QAM  | 1  | 0  | 23.44  | 23.27 | 23.48  | 23.7                |
| 10              | 64QAM  | 1  | 25 | 23.44  | 23.44 | 23.50  |                     |
| 10              | 64QAM  | 1  | 49 | 23.39  | 23.33 | 23.29  |                     |
| 10              | 64QAM  | 25 | 0  | 22.42  | 22.28 | 22.24  | 22.7                |
| 10              | 64QAM  | 25 | 12 | 22.47  | 22.24 | 22.20  |                     |
| 10              | 64QAM  | 25 | 25 | 22.30  | 22.22 | 22.15  |                     |
| 10              | 64QAM  | 50 | 0  | 22.37  | 22.19 | 22.21  |                     |
| 10              | 256QAM | 1  | 0  | 20.55  | 20.40 | 20.22  | 20.7                |
| 10              | 256QAM | 1  | 25 | 20.48  | 20.28 | 20.25  |                     |
| 10              | 256QAM | 1  | 49 | 20.40  | 20.44 | 20.42  |                     |
| 10              | 256QAM | 25 | 0  | 20.55  | 20.34 | 20.15  | 20.7                |
| 10              | 256QAM | 25 | 12 | 20.28  | 20.18 | 20.30  |                     |
| 10              | 256QAM | 25 | 25 | 20.36  | 20.32 | 20.26  |                     |
| 10              | 256QAM | 50 | 0  | 20.55  | 20.30 | 20.32  |                     |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.40  | 25.20 | 25.18  | 25.7                |
| 5               | QPSK   | 1  | 12 | 25.34  | 25.10 | 25.07  |                     |
| 5               | QPSK   | 1  | 24 | 25.30  | 25.00 | 24.99  |                     |
| 5               | QPSK   | 12 | 0  | 24.54  | 24.28 | 24.24  | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.46  | 24.26 | 24.32  |                     |
| 5               | QPSK   | 12 | 13 | 24.32  | 24.27 | 24.15  |                     |
| 5               | QPSK   | 25 | 0  | 24.42  | 24.22 | 24.28  |                     |
| 5               | 16QAM  | 1  | 0  | 24.35  | 24.57 | 24.43  | 24.7                |
| 5               | 16QAM  | 1  | 12 | 24.17  | 24.41 | 24.40  |                     |
| 5               | 16QAM  | 1  | 24 | 24.12  | 24.32 | 24.28  |                     |
| 5               | 16QAM  | 12 | 0  | 23.46  | 23.28 | 23.27  | 23.7                |
| 5               | 16QAM  | 12 | 7  | 23.56  | 23.28 | 23.16  |                     |
| 5               | 16QAM  | 12 | 13 | 23.33  | 23.25 | 23.27  |                     |
| 5               | 16QAM  | 25 | 0  | 23.38  | 23.16 | 23.23  |                     |
| 5               | 64QAM  | 1  | 0  | 23.47  | 23.26 | 23.44  | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.43  | 23.48 | 23.43  |                     |
| 5               | 64QAM  | 1  | 24 | 23.45  | 23.33 | 23.33  |                     |
| 5               | 64QAM  | 12 | 0  | 22.47  | 22.33 | 22.26  | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.50  | 22.32 | 22.24  |                     |
| 5               | 64QAM  | 12 | 13 | 22.29  | 22.13 | 22.21  |                     |
| 5               | 64QAM  | 25 | 0  | 22.33  | 22.22 | 22.12  |                     |
| 5               | 256QAM | 1  | 0  | 20.57  | 20.45 | 20.19  | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.55  | 20.30 | 20.28  |                     |
| 5               | 256QAM | 1  | 24 | 20.43  | 20.46 | 20.37  |                     |
| 5               | 256QAM | 12 | 0  | 20.55  | 20.31 | 20.14  | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.32  | 20.22 | 20.32  |                     |
| 5               | 256QAM | 12 | 13 | 20.38  | 20.31 | 20.35  |                     |
| 5               | 256QAM | 25 | 0  | 20.46  | 20.30 | 20.32  |                     |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)               |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 25.45  | 25.20 | 25.19  | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.35  | 25.06 | 25.16  |                     |
| 3               | QPSK   | 1  | 14 | 25.25  | 25.06 | 25.06  |                     |
| 3               | QPSK   | 8  | 0  | 24.51  | 24.29 | 24.22  | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.45  | 24.21 | 24.35  |                     |
| 3               | QPSK   | 8  | 7  | 24.41  | 24.29 | 24.20  |                     |
| 3               | QPSK   | 15 | 0  | 24.44  | 24.27 | 24.23  | 24.7                |
| 3               | 16QAM  | 1  | 0  | 24.33  | 24.56 | 24.40  |                     |
| 3               | 16QAM  | 1  | 8  | 24.26  | 24.40 | 24.48  |                     |
| 3               | 16QAM  | 1  | 14 | 24.10  | 24.30 | 24.32  | 23.7                |
| 3               | 16QAM  | 8  | 0  | 23.51  | 23.27 | 23.25  |                     |
| 3               | 16QAM  | 8  | 4  | 23.56  | 23.26 | 23.19  |                     |
| 3               | 16QAM  | 8  | 7  | 23.26  | 23.23 | 23.26  | 23.7                |
| 3               | 16QAM  | 15 | 0  | 23.38  | 23.25 | 23.22  |                     |
| 3               | 64QAM  | 1  | 0  | 23.43  | 23.29 | 23.45  |                     |
| 3               | 64QAM  | 1  | 8  | 23.42  | 23.47 | 23.48  | 22.7                |
| 3               | 64QAM  | 1  | 14 | 23.45  | 23.25 | 23.30  |                     |
| 3               | 64QAM  | 8  | 0  | 22.49  | 22.26 | 22.22  |                     |
| 3               | 64QAM  | 8  | 4  | 22.49  | 22.33 | 22.24  | 20.7                |
| 3               | 64QAM  | 8  | 7  | 22.38  | 22.17 | 22.23  |                     |
| 3               | 64QAM  | 15 | 0  | 22.41  | 22.27 | 22.12  |                     |
| 3               | 256QAM | 1  | 0  | 20.55  | 20.42 | 20.23  | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.56  | 20.30 | 20.31  |                     |
| 3               | 256QAM | 1  | 14 | 20.41  | 20.49 | 20.44  |                     |
| 3               | 256QAM | 8  | 0  | 20.47  | 20.33 | 20.14  | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.22  | 20.19 | 20.24  |                     |
| 3               | 256QAM | 8  | 7  | 20.43  | 20.31 | 20.25  |                     |
| 3               | 256QAM | 15 | 0  | 20.55  | 20.24 | 20.36  |                     |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.36  | 25.12 | 25.10  | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.27  | 25.01 | 25.10  |                     |
| 1.4             | QPSK   | 1  | 5  | 25.20  | 24.98 | 24.97  |                     |
| 1.4             | QPSK   | 3  | 0  | 25.36  | 25.10 | 25.10  | 24.7                |
| 1.4             | QPSK   | 3  | 1  | 25.25  | 24.96 | 25.07  |                     |
| 1.4             | QPSK   | 3  | 3  | 25.19  | 24.98 | 24.99  |                     |
| 1.4             | QPSK   | 6  | 0  | 24.39  | 24.18 | 24.17  | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 24.28  | 24.47 | 24.33  |                     |
| 1.4             | 16QAM  | 1  | 3  | 24.21  | 24.34 | 24.42  |                     |
| 1.4             | 16QAM  | 1  | 5  | 24.04  | 24.24 | 24.24  | 23.7                |
| 1.4             | 16QAM  | 3  | 0  | 24.26  | 24.48 | 24.35  |                     |
| 1.4             | 16QAM  | 3  | 1  | 24.20  | 24.35 | 24.38  |                     |
| 1.4             | 16QAM  | 3  | 3  | 24.00  | 24.22 | 24.25  | 23.7                |
| 1.4             | 16QAM  | 6  | 0  | 23.31  | 23.20 | 23.17  |                     |
| 1.4             | 64QAM  | 1  | 0  | 23.38  | 23.23 | 23.40  |                     |
| 1.4             | 64QAM  | 1  | 3  | 23.33  | 23.37 | 23.43  | 22.7                |
| 1.4             | 64QAM  | 1  | 5  | 23.40  | 23.18 | 23.20  |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.34  | 23.24 | 23.40  |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.33  | 23.42 | 23.43  | 20.7                |
| 1.4             | 64QAM  | 3  | 3  | 23.38  | 23.15 | 23.25  |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.35  | 22.21 | 22.04  |                     |
| 1.4             | 256QAM | 1  | 0  | 20.48  | 20.34 | 20.18  | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.46  | 20.23 | 20.21  |                     |
| 1.4             | 256QAM | 1  | 5  | 20.34  | 20.39 | 20.36  |                     |
| 1.4             | 256QAM | 3  | 0  | 20.49  | 20.35 | 20.18  | 20.7                |
| 1.4             | 256QAM | 3  | 1  | 20.47  | 20.23 | 20.25  |                     |
| 1.4             | 256QAM | 3  | 3  | 20.35  | 20.40 | 20.35  |                     |
| 1.4             | 256QAM | 6  | 0  | 20.50  | 20.15 | 20.30  | 20.7                |



&lt;LTE Band 2\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 24.64                    | 24.38                       | 24.10                     |                        |
| 20              | QPSK       | 1       | 49        | 24.53                    | 24.08                       | 24.27                     | 24.7                   |
| 20              | QPSK       | 1       | 99        | 24.23                    | 24.07                       | 24.21                     |                        |
| 20              | QPSK       | 50      | 0         | 23.60                    | 23.32                       | 23.28                     |                        |
| 20              | QPSK       | 50      | 24        | 23.55                    | 23.31                       | 23.26                     | 23.9                   |
| 20              | QPSK       | 50      | 50        | 23.51                    | 23.32                       | 23.35                     |                        |
| 20              | QPSK       | 100     | 0         | 23.47                    | 23.34                       | 23.30                     |                        |
| 20              | 16QAM      | 1       | 0         | 23.80                    | 23.52                       | 23.68                     | 23.9                   |
| 20              | 16QAM      | 1       | 49        | 23.73                    | 23.58                       | 23.50                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.63                    | 23.30                       | 23.51                     |                        |
| 20              | 16QAM      | 50      | 0         | 22.60                    | 22.27                       | 22.26                     | 22.9                   |
| 20              | 16QAM      | 50      | 24        | 22.49                    | 22.24                       | 22.30                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.46                    | 22.25                       | 22.31                     |                        |
| 20              | 16QAM      | 100     | 0         | 22.57                    | 22.23                       | 22.25                     | 22.9                   |
| 20              | 64QAM      | 1       | 0         | 22.89                    | 22.48                       | 22.35                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.65                    | 22.43                       | 22.37                     |                        |
| 20              | 64QAM      | 1       | 99        | 22.68                    | 22.44                       | 22.90                     | 21.9                   |
| 20              | 64QAM      | 50      | 0         | 21.60                    | 21.30                       | 21.26                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.57                    | 21.30                       | 21.24                     |                        |
| 20              | 64QAM      | 50      | 50        | 21.49                    | 21.26                       | 21.40                     | 19.9                   |
| 20              | 64QAM      | 100     | 0         | 21.54                    | 21.26                       | 21.23                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.83                    | 19.34                       | 19.23                     |                        |
| 20              | 256QAM     | 1       | 49        | 19.62                    | 19.36                       | 19.31                     | 19.9                   |
| 20              | 256QAM     | 1       | 99        | 19.39                    | 19.25                       | 19.45                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.63                    | 19.33                       | 19.28                     |                        |
| 20              | 256QAM     | 50      | 24        | 19.56                    | 19.30                       | 19.29                     | 19.9                   |
| 20              | 256QAM     | 50      | 50        | 19.53                    | 19.29                       | 19.36                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.58                    | 19.28                       | 19.28                     |                        |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     |                        |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.59                    | 24.28                       | 24.06                     |                        |
| 15              | QPSK       | 1       | 37        | 24.48                    | 23.98                       | 24.27                     | 24.7                   |
| 15              | QPSK       | 1       | 74        | 24.21                    | 24.00                       | 24.12                     |                        |
| 15              | QPSK       | 36      | 0         | 23.55                    | 23.23                       | 23.21                     | 23.9                   |
| 15              | QPSK       | 36      | 20        | 23.51                    | 23.30                       | 23.19                     |                        |
| 15              | QPSK       | 36      | 39        | 23.43                    | 23.27                       | 23.30                     |                        |
| 15              | QPSK       | 75      | 0         | 23.46                    | 23.28                       | 23.23                     | 23.9                   |
| 15              | 16QAM      | 1       | 0         | 23.80                    | 23.50                       | 23.64                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.70                    | 23.49                       | 23.43                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.62                    | 23.25                       | 23.44                     | 22.9                   |
| 15              | 16QAM      | 36      | 0         | 22.52                    | 22.21                       | 22.20                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.40                    | 22.16                       | 22.29                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.40                    | 22.17                       | 22.22                     | 22.9                   |
| 15              | 16QAM      | 75      | 0         | 22.53                    | 22.18                       | 22.22                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.87                    | 22.39                       | 22.26                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.56                    | 22.33                       | 22.32                     | 21.9                   |
| 15              | 64QAM      | 1       | 74        | 22.62                    | 22.39                       | 22.88                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.57                    | 21.29                       | 21.20                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.55                    | 21.20                       | 21.23                     | 19.9                   |
| 15              | 64QAM      | 36      | 39        | 21.47                    | 21.21                       | 21.36                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.45                    | 21.19                       | 21.14                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.76                    | 19.32                       | 19.13                     | 19.9                   |
| 15              | 256QAM     | 1       | 37        | 19.58                    | 19.30                       | 19.27                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.33                    | 19.17                       | 19.44                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.55                    | 19.26                       | 19.23                     | 19.9                   |
| 15              | 256QAM     | 36      | 20        | 19.55                    | 19.28                       | 19.22                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 19.46  | 19.28 | 19.33  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 19.48  | 19.27 | 19.27  |                     |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   |                     |
| 10              | QPSK   | 1  | 0  | 24.57  | 24.32 | 24.00  | 24.7                |
| 10              | QPSK   | 1  | 25 | 24.45  | 24.03 | 24.22  |                     |
| 10              | QPSK   | 1  | 49 | 24.19  | 24.01 | 24.18  |                     |
| 10              | QPSK   | 25 | 0  | 23.59  | 23.28 | 23.24  | 23.9                |
| 10              | QPSK   | 25 | 12 | 23.50  | 23.25 | 23.23  |                     |
| 10              | QPSK   | 25 | 25 | 23.46  | 23.32 | 23.32  |                     |
| 10              | QPSK   | 50 | 0  | 23.46  | 23.26 | 23.26  |                     |
| 10              | 16QAM  | 1  | 0  | 23.74  | 23.50 | 23.62  | 23.9                |
| 10              | 16QAM  | 1  | 25 | 23.66  | 23.55 | 23.40  |                     |
| 10              | 16QAM  | 1  | 49 | 23.58  | 23.24 | 23.42  |                     |
| 10              | 16QAM  | 25 | 0  | 22.51  | 22.25 | 22.22  | 22.9                |
| 10              | 16QAM  | 25 | 12 | 22.43  | 22.23 | 22.29  |                     |
| 10              | 16QAM  | 25 | 25 | 22.44  | 22.22 | 22.26  |                     |
| 10              | 16QAM  | 50 | 0  | 22.54  | 22.15 | 22.18  |                     |
| 10              | 64QAM  | 1  | 0  | 22.85  | 22.40 | 22.27  | 22.9                |
| 10              | 64QAM  | 1  | 25 | 22.60  | 22.41 | 22.30  |                     |
| 10              | 64QAM  | 1  | 49 | 22.66  | 22.36 | 22.85  |                     |
| 10              | 64QAM  | 25 | 0  | 21.59  | 21.29 | 21.24  | 21.9                |
| 10              | 64QAM  | 25 | 12 | 21.50  | 21.27 | 21.22  |                     |
| 10              | 64QAM  | 25 | 25 | 21.40  | 21.17 | 21.30  |                     |
| 10              | 64QAM  | 50 | 0  | 21.53  | 21.21 | 21.14  |                     |
| 10              | 256QAM | 1  | 0  | 19.73  | 19.30 | 19.16  | 19.9                |
| 10              | 256QAM | 1  | 25 | 19.62  | 19.32 | 19.27  |                     |
| 10              | 256QAM | 1  | 49 | 19.34  | 19.19 | 19.40  |                     |
| 10              | 256QAM | 25 | 0  | 19.55  | 19.26 | 19.23  | 19.9                |
| 10              | 256QAM | 25 | 12 | 19.48  | 19.28 | 19.29  |                     |
| 10              | 256QAM | 25 | 25 | 19.49  | 19.21 | 19.35  |                     |
| 10              | 256QAM | 50 | 0  | 19.57  | 19.21 | 19.22  |                     |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                     |
| 5               | QPSK   | 1  | 0  | 24.55  | 24.37 | 24.05  | 24.7                |
| 5               | QPSK   | 1  | 12 | 24.45  | 24.04 | 24.25  |                     |
| 5               | QPSK   | 1  | 24 | 24.15  | 24.03 | 24.18  |                     |
| 5               | QPSK   | 12 | 0  | 23.57  | 23.23 | 23.27  | 23.9                |
| 5               | QPSK   | 12 | 7  | 23.45  | 23.31 | 23.26  |                     |
| 5               | QPSK   | 12 | 13 | 23.46  | 23.31 | 23.32  |                     |
| 5               | QPSK   | 25 | 0  | 23.43  | 23.31 | 23.24  |                     |
| 5               | 16QAM  | 1  | 0  | 23.71  | 23.47 | 23.60  | 23.9                |
| 5               | 16QAM  | 1  | 12 | 23.63  | 23.49 | 23.46  |                     |
| 5               | 16QAM  | 1  | 24 | 23.55  | 23.20 | 23.45  |                     |
| 5               | 16QAM  | 12 | 0  | 22.58  | 22.17 | 22.19  | 22.9                |
| 5               | 16QAM  | 12 | 7  | 22.42  | 22.23 | 22.21  |                     |
| 5               | 16QAM  | 12 | 13 | 22.45  | 22.25 | 22.31  |                     |
| 5               | 16QAM  | 25 | 0  | 22.47  | 22.15 | 22.18  |                     |
| 5               | 64QAM  | 1  | 0  | 22.83  | 22.48 | 22.32  | 22.9                |
| 5               | 64QAM  | 1  | 12 | 22.60  | 22.37 | 22.27  |                     |
| 5               | 64QAM  | 1  | 24 | 22.66  | 22.44 | 22.80  |                     |
| 5               | 64QAM  | 12 | 0  | 21.53  | 21.27 | 21.22  | 21.9                |
| 5               | 64QAM  | 12 | 7  | 21.56  | 21.22 | 21.14  |                     |
| 5               | 64QAM  | 12 | 13 | 21.43  | 21.25 | 21.32  |                     |
| 5               | 64QAM  | 25 | 0  | 21.50  | 21.18 | 21.21  |                     |
| 5               | 256QAM | 1  | 0  | 19.82  | 19.31 | 19.16  | 19.9                |
| 5               | 256QAM | 1  | 12 | 19.54  | 19.31 | 19.23  |                     |
| 5               | 256QAM | 1  | 24 | 19.38  | 19.25 | 19.41  |                     |
| 5               | 256QAM | 12 | 0  | 19.59  | 19.26 | 19.24  | 19.9                |
| 5               | 256QAM | 12 | 7  | 19.51  | 19.23 | 19.25  |                     |
| 5               | 256QAM | 12 | 13 | 19.45  | 19.21 | 19.28  |                     |
| 5               | 256QAM | 25 | 0  | 19.50  | 19.22 | 19.23  |                     |
| Channel         |        |    |    | 18615  | 18900 | 19185  | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)               |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 24.60  | 24.28 | 24.09  | 24.7                |
| 3               | QPSK   | 1  | 8  | 24.49  | 24.05 | 24.26  |                     |
| 3               | QPSK   | 1  | 14 | 24.14  | 23.97 | 24.17  |                     |
| 3               | QPSK   | 8  | 0  | 23.56  | 23.27 | 23.19  | 23.9                |
| 3               | QPSK   | 8  | 4  | 23.55  | 23.28 | 23.16  |                     |
| 3               | QPSK   | 8  | 7  | 23.41  | 23.29 | 23.32  |                     |
| 3               | QPSK   | 15 | 0  | 23.46  | 23.34 | 23.26  |                     |
| 3               | 16QAM  | 1  | 0  | 23.71  | 23.47 | 23.65  | 23.9                |
| 3               | 16QAM  | 1  | 8  | 23.69  | 23.56 | 23.47  |                     |
| 3               | 16QAM  | 1  | 14 | 23.57  | 23.28 | 23.43  |                     |
| 3               | 16QAM  | 8  | 0  | 22.55  | 22.23 | 22.23  | 22.9                |
| 3               | 16QAM  | 8  | 4  | 22.39  | 22.17 | 22.30  |                     |
| 3               | 16QAM  | 8  | 7  | 22.43  | 22.23 | 22.30  |                     |
| 3               | 16QAM  | 15 | 0  | 22.47  | 22.23 | 22.18  |                     |
| 3               | 64QAM  | 1  | 0  | 22.86  | 22.41 | 22.27  | 22.9                |
| 3               | 64QAM  | 1  | 8  | 22.62  | 22.42 | 22.34  |                     |
| 3               | 64QAM  | 1  | 14 | 22.61  | 22.35 | 22.86  |                     |
| 3               | 64QAM  | 8  | 0  | 21.60  | 21.25 | 21.20  | 21.9                |
| 3               | 64QAM  | 8  | 4  | 21.47  | 21.28 | 21.14  |                     |
| 3               | 64QAM  | 8  | 7  | 21.43  | 21.17 | 21.38  |                     |
| 3               | 64QAM  | 15 | 0  | 21.53  | 21.19 | 21.19  |                     |
| 3               | 256QAM | 1  | 0  | 19.74  | 19.24 | 19.15  | 19.9                |
| 3               | 256QAM | 1  | 8  | 19.59  | 19.35 | 19.30  |                     |
| 3               | 256QAM | 1  | 14 | 19.35  | 19.18 | 19.45  |                     |
| 3               | 256QAM | 8  | 0  | 19.58  | 19.26 | 19.22  | 19.9                |
| 3               | 256QAM | 8  | 4  | 19.48  | 19.26 | 19.28  |                     |
| 3               | 256QAM | 8  | 7  | 19.43  | 19.19 | 19.34  |                     |
| 3               | 256QAM | 15 | 0  | 19.57  | 19.26 | 19.24  |                     |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 24.58  | 24.37 | 24.02  | 24.7                |
| 1.4             | QPSK   | 1  | 3  | 24.43  | 24.07 | 24.23  |                     |
| 1.4             | QPSK   | 1  | 5  | 24.20  | 23.99 | 24.20  |                     |
| 1.4             | QPSK   | 3  | 0  | 24.59  | 24.38 | 24.02  |                     |
| 1.4             | QPSK   | 3  | 1  | 24.45  | 24.07 | 24.22  |                     |
| 1.4             | QPSK   | 3  | 3  | 24.14  | 24.06 | 24.15  |                     |
| 1.4             | QPSK   | 6  | 0  | 23.55  | 23.32 | 23.26  | 23.9                |
| 1.4             | 16QAM  | 1  | 0  | 23.73  | 23.46 | 23.63  | 23.9                |
| 1.4             | 16QAM  | 1  | 3  | 23.68  | 23.54 | 23.47  |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.62  | 23.23 | 23.50  |                     |
| 1.4             | 16QAM  | 3  | 0  | 23.75  | 23.44 | 23.63  |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.70  | 23.53 | 23.50  |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.61  | 23.21 | 23.42  |                     |
| 1.4             | 16QAM  | 6  | 0  | 22.58  | 22.17 | 22.20  | 22.9                |
| 1.4             | 64QAM  | 1  | 0  | 22.86  | 22.42 | 22.29  | 22.9                |
| 1.4             | 64QAM  | 1  | 3  | 22.62  | 22.33 | 22.28  |                     |
| 1.4             | 64QAM  | 1  | 5  | 22.67  | 22.37 | 22.84  |                     |
| 1.4             | 64QAM  | 3  | 0  | 22.83  | 22.38 | 22.34  |                     |
| 1.4             | 64QAM  | 3  | 1  | 22.59  | 22.42 | 22.28  |                     |
| 1.4             | 64QAM  | 3  | 3  | 22.68  | 22.37 | 22.86  |                     |
| 1.4             | 64QAM  | 6  | 0  | 21.53  | 21.25 | 21.21  | 21.9                |
| 1.4             | 256QAM | 1  | 0  | 19.75  | 19.32 | 19.22  | 19.9                |
| 1.4             | 256QAM | 1  | 3  | 19.59  | 19.33 | 19.23  |                     |
| 1.4             | 256QAM | 1  | 5  | 19.29  | 19.24 | 19.38  |                     |
| 1.4             | 256QAM | 3  | 0  | 19.78  | 19.34 | 19.16  |                     |
| 1.4             | 256QAM | 3  | 1  | 19.56  | 19.33 | 19.25  |                     |
| 1.4             | 256QAM | 3  | 3  | 19.34  | 19.19 | 19.40  |                     |
| 1.4             | 256QAM | 6  | 0  | 19.56  | 19.27 | 19.22  | 19.9                |



## &lt;LTE Band 2\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 21.63                    | 21.27                       | 21.20                     | 22                     |
| 20              | QPSK       | 1       | 49        | 21.57                    | 21.18                       | 21.18                     |                        |
| 20              | QPSK       | 1       | 99        | 21.43                    | 20.99                       | 20.94                     |                        |
| 20              | QPSK       | 50      | 0         | 20.61                    | 20.16                       | 20.10                     | 21                     |
| 20              | QPSK       | 50      | 24        | 20.56                    | 20.30                       | 20.13                     |                        |
| 20              | QPSK       | 50      | 50        | 20.45                    | 20.27                       | 20.10                     |                        |
| 20              | QPSK       | 100     | 0         | 20.43                    | 20.30                       | 20.12                     |                        |
| 20              | 16QAM      | 1       | 0         | 20.85                    | 20.58                       | 20.44                     | 21                     |
| 20              | 16QAM      | 1       | 49        | 20.80                    | 20.53                       | 20.35                     |                        |
| 20              | 16QAM      | 1       | 99        | 20.58                    | 20.30                       | 20.23                     |                        |
| 20              | 16QAM      | 50      | 0         | 19.48                    | 19.25                       | 19.29                     | 20                     |
| 20              | 16QAM      | 50      | 24        | 19.50                    | 19.21                       | 19.14                     |                        |
| 20              | 16QAM      | 50      | 50        | 19.36                    | 19.23                       | 19.13                     |                        |
| 20              | 16QAM      | 100     | 0         | 19.47                    | 19.28                       | 19.16                     |                        |
| 20              | 64QAM      | 1       | 0         | 19.90                    | 19.42                       | 19.20                     | 20                     |
| 20              | 64QAM      | 1       | 49        | 19.49                    | 19.31                       | 19.20                     |                        |
| 20              | 64QAM      | 1       | 99        | 19.46                    | 19.12                       | 19.14                     |                        |
| 20              | 64QAM      | 50      | 0         | 18.50                    | 18.26                       | 18.27                     | 19                     |
| 20              | 64QAM      | 50      | 24        | 18.49                    | 18.34                       | 18.15                     |                        |
| 20              | 64QAM      | 50      | 50        | 18.33                    | 18.23                       | 18.16                     |                        |
| 20              | 64QAM      | 100     | 0         | 18.48                    | 18.19                       | 18.18                     |                        |
| 20              | 256QAM     | 1       | 0         | 16.31                    | 16.25                       | 16.25                     | 17                     |
| 20              | 256QAM     | 1       | 49        | 16.40                    | 16.21                       | 15.99                     |                        |
| 20              | 256QAM     | 1       | 99        | 16.28                    | 16.04                       | 15.99                     |                        |
| 20              | 256QAM     | 50      | 0         | 16.33                    | 16.08                       | 16.15                     | 17                     |
| 20              | 256QAM     | 50      | 24        | 16.39                    | 16.30                       | 16.12                     |                        |
| 20              | 256QAM     | 50      | 50        | 16.24                    | 16.11                       | 16.00                     |                        |
| 20              | 256QAM     | 100     | 0         | 16.20                    | 16.11                       | 16.02                     |                        |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     |                        |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.43                    | 21.11                       | 21.00                     | 22                     |
| 15              | QPSK       | 1       | 37        | 21.39                    | 21.08                       | 20.98                     |                        |
| 15              | QPSK       | 1       | 74        | 21.27                    | 20.88                       | 20.82                     |                        |
| 15              | QPSK       | 36      | 0         | 20.47                    | 20.04                       | 19.91                     | 21                     |
| 15              | QPSK       | 36      | 20        | 20.44                    | 20.14                       | 20.00                     |                        |
| 15              | QPSK       | 36      | 39        | 20.29                    | 20.07                       | 19.94                     |                        |
| 15              | QPSK       | 75      | 0         | 20.25                    | 20.17                       | 19.93                     |                        |
| 15              | 16QAM      | 1       | 0         | 20.73                    | 20.42                       | 20.28                     | 21                     |
| 15              | 16QAM      | 1       | 37        | 20.65                    | 20.33                       | 20.18                     |                        |
| 15              | 16QAM      | 1       | 74        | 20.41                    | 20.11                       | 20.13                     |                        |
| 15              | 16QAM      | 36      | 0         | 19.29                    | 19.08                       | 19.16                     | 20                     |
| 15              | 16QAM      | 36      | 20        | 19.38                    | 19.10                       | 18.95                     |                        |
| 15              | 16QAM      | 36      | 39        | 19.26                    | 19.06                       | 18.96                     |                        |
| 15              | 16QAM      | 75      | 0         | 19.35                    | 19.15                       | 19.06                     |                        |
| 15              | 64QAM      | 1       | 0         | 19.77                    | 19.30                       | 19.05                     | 20                     |
| 15              | 64QAM      | 1       | 37        | 19.32                    | 19.21                       | 19.02                     |                        |
| 15              | 64QAM      | 1       | 74        | 19.35                    | 18.99                       | 19.02                     |                        |
| 15              | 64QAM      | 36      | 0         | 18.39                    | 18.14                       | 18.08                     | 19                     |
| 15              | 64QAM      | 36      | 20        | 18.35                    | 18.18                       | 17.98                     |                        |
| 15              | 64QAM      | 36      | 39        | 18.17                    | 18.07                       | 17.97                     |                        |
| 15              | 64QAM      | 75      | 0         | 18.35                    | 18.09                       | 17.99                     |                        |
| 15              | 256QAM     | 1       | 0         | 16.16                    | 16.09                       | 16.12                     | 17                     |
| 15              | 256QAM     | 1       | 37        | 16.21                    | 16.09                       | 15.87                     |                        |
| 15              | 256QAM     | 1       | 74        | 16.18                    | 15.86                       | 15.88                     |                        |
| 15              | 256QAM     | 36      | 0         | 16.18                    | 15.97                       | 15.99                     | 17                     |
| 15              | 256QAM     | 36      | 20        | 16.23                    | 16.15                       | 16.01                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 16.08  | 15.96 | 15.82  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 16.00  | 16.01 | 15.91  |                     |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   |                     |
| 10              | QPSK   | 1  | 0  | 21.52  | 21.10 | 21.08  | 22                  |
| 10              | QPSK   | 1  | 25 | 21.40  | 21.01 | 21.05  |                     |
| 10              | QPSK   | 1  | 49 | 21.30  | 20.82 | 20.83  |                     |
| 10              | QPSK   | 25 | 0  | 20.41  | 20.05 | 19.90  | 21                  |
| 10              | QPSK   | 25 | 12 | 20.39  | 20.16 | 19.99  |                     |
| 10              | QPSK   | 25 | 25 | 20.35  | 20.14 | 19.96  |                     |
| 10              | QPSK   | 50 | 0  | 20.25  | 20.17 | 20.01  |                     |
| 10              | 16QAM  | 1  | 0  | 20.75  | 20.47 | 20.24  | 21                  |
| 10              | 16QAM  | 1  | 25 | 20.60  | 20.38 | 20.21  |                     |
| 10              | 16QAM  | 1  | 49 | 20.38  | 20.19 | 20.07  | 20                  |
| 10              | 16QAM  | 25 | 0  | 19.32  | 19.13 | 19.12  |                     |
| 10              | 16QAM  | 25 | 12 | 19.31  | 19.10 | 19.00  |                     |
| 10              | 16QAM  | 25 | 25 | 19.19  | 19.11 | 18.93  |                     |
| 10              | 16QAM  | 50 | 0  | 19.28  | 19.12 | 19.05  | 20                  |
| 10              | 64QAM  | 1  | 0  | 19.70  | 19.22 | 19.05  |                     |
| 10              | 64QAM  | 1  | 25 | 19.31  | 19.21 | 19.04  |                     |
| 10              | 64QAM  | 1  | 49 | 19.36  | 18.94 | 18.98  |                     |
| 10              | 64QAM  | 25 | 0  | 18.38  | 18.07 | 18.10  | 19                  |
| 10              | 64QAM  | 25 | 12 | 18.32  | 18.21 | 18.02  |                     |
| 10              | 64QAM  | 25 | 25 | 18.13  | 18.03 | 17.98  |                     |
| 10              | 64QAM  | 50 | 0  | 18.29  | 18.05 | 18.07  |                     |
| 10              | 256QAM | 1  | 0  | 16.21  | 16.08 | 16.14  | 17                  |
| 10              | 256QAM | 1  | 25 | 16.30  | 16.11 | 15.84  |                     |
| 10              | 256QAM | 1  | 49 | 16.16  | 15.94 | 15.82  |                     |
| 10              | 256QAM | 25 | 0  | 16.22  | 15.92 | 16.05  |                     |
| 10              | 256QAM | 25 | 12 | 16.22  | 16.20 | 15.92  | 17                  |
| 10              | 256QAM | 25 | 25 | 16.04  | 15.97 | 15.82  |                     |
| 10              | 256QAM | 50 | 0  | 16.08  | 15.96 | 15.89  |                     |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                     |
| 5               | QPSK   | 1  | 0  | 21.43  | 21.09 | 21.07  | 22                  |
| 5               | QPSK   | 1  | 12 | 21.40  | 21.08 | 21.00  |                     |
| 5               | QPSK   | 1  | 24 | 21.23  | 20.82 | 20.81  |                     |
| 5               | QPSK   | 12 | 0  | 20.46  | 19.96 | 19.94  | 21                  |
| 5               | QPSK   | 12 | 7  | 20.38  | 20.10 | 19.99  |                     |
| 5               | QPSK   | 12 | 13 | 20.30  | 20.07 | 19.95  |                     |
| 5               | QPSK   | 25 | 0  | 20.33  | 20.19 | 20.01  |                     |
| 5               | 16QAM  | 1  | 0  | 20.65  | 20.48 | 20.27  | 21                  |
| 5               | 16QAM  | 1  | 12 | 20.62  | 20.43 | 20.25  |                     |
| 5               | 16QAM  | 1  | 24 | 20.40  | 20.14 | 20.07  |                     |
| 5               | 16QAM  | 12 | 0  | 19.29  | 19.09 | 19.12  |                     |
| 5               | 16QAM  | 12 | 7  | 19.34  | 19.06 | 18.96  | 20                  |
| 5               | 16QAM  | 12 | 13 | 19.20  | 19.12 | 18.99  |                     |
| 5               | 16QAM  | 25 | 0  | 19.31  | 19.18 | 19.06  |                     |
| 5               | 64QAM  | 1  | 0  | 19.71  | 19.27 | 19.00  |                     |
| 5               | 64QAM  | 1  | 12 | 19.32  | 19.12 | 19.08  | 20                  |
| 5               | 64QAM  | 1  | 24 | 19.29  | 19.01 | 18.95  |                     |
| 5               | 64QAM  | 12 | 0  | 18.30  | 18.07 | 18.15  |                     |
| 5               | 64QAM  | 12 | 7  | 18.32  | 18.16 | 17.98  |                     |
| 5               | 64QAM  | 12 | 13 | 18.23  | 18.05 | 17.98  | 19                  |
| 5               | 64QAM  | 25 | 0  | 18.37  | 18.03 | 18.01  |                     |
| 5               | 256QAM | 1  | 0  | 16.21  | 16.06 | 16.11  |                     |
| 5               | 256QAM | 1  | 12 | 16.27  | 16.08 | 15.79  |                     |
| 5               | 256QAM | 1  | 24 | 16.17  | 15.85 | 15.87  | 17                  |
| 5               | 256QAM | 12 | 0  | 16.18  | 15.91 | 16.05  |                     |
| 5               | 256QAM | 12 | 7  | 16.25  | 16.17 | 15.94  |                     |
| 5               | 256QAM | 12 | 13 | 16.07  | 15.94 | 15.80  |                     |
| 5               | 256QAM | 25 | 0  | 16.00  | 15.92 | 15.84  | Tune-up limit       |
| Channel         |        |    |    | 18615  | 18900 | 19185  |                     |



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| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)               |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 21.44  | 21.15 | 21.09  | 22                  |
| 3               | QPSK   | 1  | 8  | 21.44  | 20.98 | 21.08  |                     |
| 3               | QPSK   | 1  | 14 | 21.27  | 20.89 | 20.79  |                     |
| 3               | QPSK   | 8  | 0  | 20.50  | 19.99 | 19.97  | 21                  |
| 3               | QPSK   | 8  | 4  | 20.44  | 20.19 | 19.99  |                     |
| 3               | QPSK   | 8  | 7  | 20.25  | 20.16 | 19.91  |                     |
| 3               | QPSK   | 15 | 0  | 20.25  | 20.12 | 19.92  |                     |
| 3               | 16QAM  | 1  | 0  | 20.66  | 20.39 | 20.28  | 21                  |
| 3               | 16QAM  | 1  | 8  | 20.68  | 20.39 | 20.23  |                     |
| 3               | 16QAM  | 1  | 14 | 20.44  | 20.10 | 20.11  |                     |
| 3               | 16QAM  | 8  | 0  | 19.36  | 19.10 | 19.11  | 20                  |
| 3               | 16QAM  | 8  | 4  | 19.36  | 19.10 | 19.01  |                     |
| 3               | 16QAM  | 8  | 7  | 19.25  | 19.03 | 19.00  |                     |
| 3               | 16QAM  | 15 | 0  | 19.31  | 19.12 | 19.04  |                     |
| 3               | 64QAM  | 1  | 0  | 19.71  | 19.22 | 19.09  | 20                  |
| 3               | 64QAM  | 1  | 8  | 19.31  | 19.14 | 19.05  |                     |
| 3               | 64QAM  | 1  | 14 | 19.29  | 18.99 | 18.95  |                     |
| 3               | 64QAM  | 8  | 0  | 18.40  | 18.14 | 18.16  | 19                  |
| 3               | 64QAM  | 8  | 4  | 18.37  | 18.24 | 18.04  |                     |
| 3               | 64QAM  | 8  | 7  | 18.22  | 18.12 | 17.99  |                     |
| 3               | 64QAM  | 15 | 0  | 18.38  | 18.02 | 18.05  |                     |
| 3               | 256QAM | 1  | 0  | 16.18  | 16.06 | 16.07  | 17                  |
| 3               | 256QAM | 1  | 8  | 16.23  | 16.03 | 15.84  |                     |
| 3               | 256QAM | 1  | 14 | 16.11  | 15.84 | 15.81  |                     |
| 3               | 256QAM | 8  | 0  | 16.15  | 15.92 | 16.03  | 17                  |
| 3               | 256QAM | 8  | 4  | 16.28  | 16.10 | 15.92  |                     |
| 3               | 256QAM | 8  | 7  | 16.10  | 15.99 | 15.80  |                     |
| 3               | 256QAM | 15 | 0  | 16.07  | 15.98 | 15.90  |                     |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 21.28  | 20.99 | 20.95  | 22                  |
| 1.4             | QPSK   | 1  | 3  | 21.31  | 20.84 | 20.94  |                     |
| 1.4             | QPSK   | 1  | 5  | 21.09  | 20.71 | 20.68  |                     |
| 1.4             | QPSK   | 3  | 0  | 21.32  | 20.96 | 20.93  |                     |
| 1.4             | QPSK   | 3  | 1  | 21.30  | 20.88 | 20.88  |                     |
| 1.4             | QPSK   | 3  | 3  | 21.17  | 20.71 | 20.62  |                     |
| 1.4             | QPSK   | 6  | 0  | 20.05  | 19.99 | 19.74  | 21                  |
| 1.4             | 16QAM  | 1  | 0  | 20.55  | 20.28 | 20.16  | 21                  |
| 1.4             | 16QAM  | 1  | 3  | 20.49  | 20.19 | 20.13  |                     |
| 1.4             | 16QAM  | 1  | 5  | 20.28  | 19.93 | 19.99  |                     |
| 1.4             | 16QAM  | 3  | 0  | 20.50  | 20.27 | 20.16  |                     |
| 1.4             | 16QAM  | 3  | 1  | 20.53  | 20.23 | 20.12  |                     |
| 1.4             | 16QAM  | 3  | 3  | 20.32  | 20.00 | 20.00  | 20                  |
| 1.4             | 16QAM  | 6  | 0  | 19.13  | 19.00 | 18.85  |                     |
| 1.4             | 64QAM  | 1  | 0  | 19.57  | 19.03 | 18.93  |                     |
| 1.4             | 64QAM  | 1  | 3  | 19.13  | 19.03 | 18.87  |                     |
| 1.4             | 64QAM  | 1  | 5  | 19.09  | 18.84 | 18.82  | 20                  |
| 1.4             | 64QAM  | 3  | 0  | 19.58  | 19.08 | 18.96  |                     |
| 1.4             | 64QAM  | 3  | 1  | 19.16  | 18.96 | 18.87  |                     |
| 1.4             | 64QAM  | 3  | 3  | 19.18  | 18.87 | 18.85  |                     |
| 1.4             | 64QAM  | 6  | 0  | 18.28  | 17.90 | 17.86  | 19                  |
| 1.4             | 256QAM | 1  | 0  | 16.00  | 15.93 | 15.91  | 17                  |
| 1.4             | 256QAM | 1  | 3  | 16.12  | 15.84 | 15.66  |                     |
| 1.4             | 256QAM | 1  | 5  | 15.92  | 15.72 | 15.65  |                     |
| 1.4             | 256QAM | 3  | 0  | 16.02  | 15.91 | 15.89  |                     |
| 1.4             | 256QAM | 3  | 1  | 16.11  | 15.91 | 15.74  |                     |
| 1.4             | 256QAM | 3  | 3  | 15.98  | 15.70 | 15.66  |                     |
| 1.4             | 256QAM | 6  | 0  | 15.96  | 15.78 | 15.72  | 17                  |

**<LTE Band 2\_Ant 1\_DSI 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 18700                    | 18900                       | 19100                     |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | QPSK       | 1       | 0         | 21.63                    | 21.27                       | 21.20                     |                        |
| 20              | QPSK       | 1       | 49        | 21.57                    | 21.18                       | 21.18                     | 22                     |
| 20              | QPSK       | 1       | 99        | 21.43                    | 20.99                       | 20.94                     |                        |
| 20              | QPSK       | 50      | 0         | 20.61                    | 20.16                       | 20.10                     |                        |
| 20              | QPSK       | 50      | 24        | 20.56                    | 20.30                       | 20.13                     | 21                     |
| 20              | QPSK       | 50      | 50        | 20.45                    | 20.27                       | 20.10                     |                        |
| 20              | QPSK       | 100     | 0         | 20.43                    | 20.30                       | 20.12                     |                        |
| 20              | 16QAM      | 1       | 0         | 20.85                    | 20.58                       | 20.44                     | 21                     |
| 20              | 16QAM      | 1       | 49        | 20.80                    | 20.53                       | 20.35                     |                        |
| 20              | 16QAM      | 1       | 99        | 20.58                    | 20.30                       | 20.23                     |                        |
| 20              | 16QAM      | 50      | 0         | 19.48                    | 19.25                       | 19.29                     | 20                     |
| 20              | 16QAM      | 50      | 24        | 19.50                    | 19.21                       | 19.14                     |                        |
| 20              | 16QAM      | 50      | 50        | 19.36                    | 19.23                       | 19.13                     |                        |
| 20              | 16QAM      | 100     | 0         | 19.47                    | 19.28                       | 19.16                     | 20                     |
| 20              | 64QAM      | 1       | 0         | 19.90                    | 19.42                       | 19.20                     |                        |
| 20              | 64QAM      | 1       | 49        | 19.49                    | 19.31                       | 19.20                     |                        |
| 20              | 64QAM      | 1       | 99        | 19.46                    | 19.12                       | 19.14                     | 19                     |
| 20              | 64QAM      | 50      | 0         | 18.50                    | 18.26                       | 18.27                     |                        |
| 20              | 64QAM      | 50      | 24        | 18.49                    | 18.34                       | 18.15                     |                        |
| 20              | 64QAM      | 50      | 50        | 18.33                    | 18.23                       | 18.16                     | 17                     |
| 20              | 64QAM      | 100     | 0         | 18.48                    | 18.19                       | 18.18                     |                        |
| 20              | 256QAM     | 1       | 0         | 16.31                    | 16.25                       | 16.25                     |                        |
| 20              | 256QAM     | 1       | 49        | 16.40                    | 16.21                       | 15.99                     | 17                     |
| 20              | 256QAM     | 1       | 99        | 16.28                    | 16.04                       | 15.99                     |                        |
| 20              | 256QAM     | 50      | 0         | 16.33                    | 16.08                       | 16.15                     |                        |
| 20              | 256QAM     | 50      | 24        | 16.39                    | 16.30                       | 16.12                     | 17                     |
| 20              | 256QAM     | 50      | 50        | 16.24                    | 16.11                       | 16.00                     |                        |
| 20              | 256QAM     | 100     | 0         | 16.20                    | 16.11                       | 16.02                     |                        |
| Channel         |            |         |           | 18675                    | 18900                       | 19125                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.43                    | 21.11                       | 21.00                     |                        |
| 15              | QPSK       | 1       | 37        | 21.39                    | 21.08                       | 20.98                     | 22                     |
| 15              | QPSK       | 1       | 74        | 21.27                    | 20.88                       | 20.82                     |                        |
| 15              | QPSK       | 36      | 0         | 20.47                    | 20.04                       | 19.91                     |                        |
| 15              | QPSK       | 36      | 20        | 20.44                    | 20.14                       | 20.00                     | 21                     |
| 15              | QPSK       | 36      | 39        | 20.29                    | 20.07                       | 19.94                     |                        |
| 15              | QPSK       | 75      | 0         | 20.25                    | 20.17                       | 19.93                     |                        |
| 15              | 16QAM      | 1       | 0         | 20.73                    | 20.42                       | 20.28                     | 21                     |
| 15              | 16QAM      | 1       | 37        | 20.65                    | 20.33                       | 20.18                     |                        |
| 15              | 16QAM      | 1       | 74        | 20.41                    | 20.11                       | 20.13                     |                        |
| 15              | 16QAM      | 36      | 0         | 19.29                    | 19.08                       | 19.16                     | 20                     |
| 15              | 16QAM      | 36      | 20        | 19.38                    | 19.10                       | 18.95                     |                        |
| 15              | 16QAM      | 36      | 39        | 19.26                    | 19.06                       | 18.96                     |                        |
| 15              | 16QAM      | 75      | 0         | 19.35                    | 19.15                       | 19.06                     | 20                     |
| 15              | 64QAM      | 1       | 0         | 19.77                    | 19.30                       | 19.05                     |                        |
| 15              | 64QAM      | 1       | 37        | 19.32                    | 19.21                       | 19.02                     |                        |
| 15              | 64QAM      | 1       | 74        | 19.35                    | 18.99                       | 19.02                     | 19                     |
| 15              | 64QAM      | 36      | 0         | 18.39                    | 18.14                       | 18.08                     |                        |
| 15              | 64QAM      | 36      | 20        | 18.35                    | 18.18                       | 17.98                     |                        |
| 15              | 64QAM      | 36      | 39        | 18.17                    | 18.07                       | 17.97                     | 17                     |
| 15              | 64QAM      | 75      | 0         | 18.35                    | 18.09                       | 17.99                     |                        |
| 15              | 256QAM     | 1       | 0         | 16.16                    | 16.09                       | 16.12                     |                        |
| 15              | 256QAM     | 1       | 37        | 16.21                    | 16.09                       | 15.87                     | 17                     |
| 15              | 256QAM     | 1       | 74        | 16.18                    | 15.86                       | 15.88                     |                        |
| 15              | 256QAM     | 36      | 0         | 16.18                    | 15.97                       | 15.99                     |                        |
| 15              | 256QAM     | 36      | 20        | 16.23                    | 16.15                       | 16.01                     | 17                     |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 16.08  | 15.96 | 15.82  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 16.00  | 16.01 | 15.91  |                     |
| Channel         |        |    |    | 18650  | 18900 | 19150  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1855   | 1880  | 1905   |                     |
| 10              | QPSK   | 1  | 0  | 21.52  | 21.10 | 21.08  | 22                  |
| 10              | QPSK   | 1  | 25 | 21.40  | 21.01 | 21.05  |                     |
| 10              | QPSK   | 1  | 49 | 21.30  | 20.82 | 20.83  |                     |
| 10              | QPSK   | 25 | 0  | 20.41  | 20.05 | 19.90  | 21                  |
| 10              | QPSK   | 25 | 12 | 20.39  | 20.16 | 19.99  |                     |
| 10              | QPSK   | 25 | 25 | 20.35  | 20.14 | 19.96  |                     |
| 10              | QPSK   | 50 | 0  | 20.25  | 20.17 | 20.01  |                     |
| 10              | 16QAM  | 1  | 0  | 20.75  | 20.47 | 20.24  | 21                  |
| 10              | 16QAM  | 1  | 25 | 20.60  | 20.38 | 20.21  |                     |
| 10              | 16QAM  | 1  | 49 | 20.38  | 20.19 | 20.07  | 20                  |
| 10              | 16QAM  | 25 | 0  | 19.32  | 19.13 | 19.12  |                     |
| 10              | 16QAM  | 25 | 12 | 19.31  | 19.10 | 19.00  |                     |
| 10              | 16QAM  | 25 | 25 | 19.19  | 19.11 | 18.93  |                     |
| 10              | 16QAM  | 50 | 0  | 19.28  | 19.12 | 19.05  | 20                  |
| 10              | 64QAM  | 1  | 0  | 19.70  | 19.22 | 19.05  |                     |
| 10              | 64QAM  | 1  | 25 | 19.31  | 19.21 | 19.04  |                     |
| 10              | 64QAM  | 1  | 49 | 19.36  | 18.94 | 18.98  |                     |
| 10              | 64QAM  | 25 | 0  | 18.38  | 18.07 | 18.10  | 19                  |
| 10              | 64QAM  | 25 | 12 | 18.32  | 18.21 | 18.02  |                     |
| 10              | 64QAM  | 25 | 25 | 18.13  | 18.03 | 17.98  |                     |
| 10              | 64QAM  | 50 | 0  | 18.29  | 18.05 | 18.07  |                     |
| 10              | 256QAM | 1  | 0  | 16.21  | 16.08 | 16.14  | 17                  |
| 10              | 256QAM | 1  | 25 | 16.30  | 16.11 | 15.84  |                     |
| 10              | 256QAM | 1  | 49 | 16.16  | 15.94 | 15.82  |                     |
| 10              | 256QAM | 25 | 0  | 16.22  | 15.92 | 16.05  |                     |
| 10              | 256QAM | 25 | 12 | 16.22  | 16.20 | 15.92  | 17                  |
| 10              | 256QAM | 25 | 25 | 16.04  | 15.97 | 15.82  |                     |
| 10              | 256QAM | 50 | 0  | 16.08  | 15.96 | 15.89  |                     |
| Channel         |        |    |    | 18625  | 18900 | 19175  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1852.5 | 1880  | 1907.5 |                     |
| 5               | QPSK   | 1  | 0  | 21.43  | 21.09 | 21.07  | 22                  |
| 5               | QPSK   | 1  | 12 | 21.40  | 21.08 | 21.00  |                     |
| 5               | QPSK   | 1  | 24 | 21.23  | 20.82 | 20.81  |                     |
| 5               | QPSK   | 12 | 0  | 20.46  | 19.96 | 19.94  | 21                  |
| 5               | QPSK   | 12 | 7  | 20.38  | 20.10 | 19.99  |                     |
| 5               | QPSK   | 12 | 13 | 20.30  | 20.07 | 19.95  |                     |
| 5               | QPSK   | 25 | 0  | 20.33  | 20.19 | 20.01  |                     |
| 5               | 16QAM  | 1  | 0  | 20.65  | 20.48 | 20.27  | 21                  |
| 5               | 16QAM  | 1  | 12 | 20.62  | 20.43 | 20.25  |                     |
| 5               | 16QAM  | 1  | 24 | 20.40  | 20.14 | 20.07  |                     |
| 5               | 16QAM  | 12 | 0  | 19.29  | 19.09 | 19.12  |                     |
| 5               | 16QAM  | 12 | 7  | 19.34  | 19.06 | 18.96  | 20                  |
| 5               | 16QAM  | 12 | 13 | 19.20  | 19.12 | 18.99  |                     |
| 5               | 16QAM  | 25 | 0  | 19.31  | 19.18 | 19.06  |                     |
| 5               | 64QAM  | 1  | 0  | 19.71  | 19.27 | 19.00  |                     |
| 5               | 64QAM  | 1  | 12 | 19.32  | 19.12 | 19.08  | 20                  |
| 5               | 64QAM  | 1  | 24 | 19.29  | 19.01 | 18.95  |                     |
| 5               | 64QAM  | 12 | 0  | 18.30  | 18.07 | 18.15  |                     |
| 5               | 64QAM  | 12 | 7  | 18.32  | 18.16 | 17.98  |                     |
| 5               | 64QAM  | 12 | 13 | 18.23  | 18.05 | 17.98  | 19                  |
| 5               | 64QAM  | 25 | 0  | 18.37  | 18.03 | 18.01  |                     |
| 5               | 256QAM | 1  | 0  | 16.21  | 16.06 | 16.11  |                     |
| 5               | 256QAM | 1  | 12 | 16.27  | 16.08 | 15.79  |                     |
| 5               | 256QAM | 1  | 24 | 16.17  | 15.85 | 15.87  | 17                  |
| 5               | 256QAM | 12 | 0  | 16.18  | 15.91 | 16.05  |                     |
| 5               | 256QAM | 12 | 7  | 16.25  | 16.17 | 15.94  |                     |
| 5               | 256QAM | 12 | 13 | 16.07  | 15.94 | 15.80  |                     |
| 5               | 256QAM | 25 | 0  | 16.00  | 15.92 | 15.84  | Tune-up limit       |
| Channel         |        |    |    | 18615  | 18900 | 19185  |                     |



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| Frequency (MHz) |        |    |    | 1851.5 | 1880  | 1908.5 | (dBm)               |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 21.44  | 21.15 | 21.09  | 22                  |
| 3               | QPSK   | 1  | 8  | 21.44  | 20.98 | 21.08  |                     |
| 3               | QPSK   | 1  | 14 | 21.27  | 20.89 | 20.79  |                     |
| 3               | QPSK   | 8  | 0  | 20.50  | 19.99 | 19.97  | 21                  |
| 3               | QPSK   | 8  | 4  | 20.44  | 20.19 | 19.99  |                     |
| 3               | QPSK   | 8  | 7  | 20.25  | 20.16 | 19.91  |                     |
| 3               | QPSK   | 15 | 0  | 20.25  | 20.12 | 19.92  |                     |
| 3               | 16QAM  | 1  | 0  | 20.66  | 20.39 | 20.28  | 21                  |
| 3               | 16QAM  | 1  | 8  | 20.68  | 20.39 | 20.23  |                     |
| 3               | 16QAM  | 1  | 14 | 20.44  | 20.10 | 20.11  |                     |
| 3               | 16QAM  | 8  | 0  | 19.36  | 19.10 | 19.11  | 20                  |
| 3               | 16QAM  | 8  | 4  | 19.36  | 19.10 | 19.01  |                     |
| 3               | 16QAM  | 8  | 7  | 19.25  | 19.03 | 19.00  |                     |
| 3               | 16QAM  | 15 | 0  | 19.31  | 19.12 | 19.04  |                     |
| 3               | 64QAM  | 1  | 0  | 19.71  | 19.22 | 19.09  | 20                  |
| 3               | 64QAM  | 1  | 8  | 19.31  | 19.14 | 19.05  |                     |
| 3               | 64QAM  | 1  | 14 | 19.29  | 18.99 | 18.95  |                     |
| 3               | 64QAM  | 8  | 0  | 18.40  | 18.14 | 18.16  | 19                  |
| 3               | 64QAM  | 8  | 4  | 18.37  | 18.24 | 18.04  |                     |
| 3               | 64QAM  | 8  | 7  | 18.22  | 18.12 | 17.99  |                     |
| 3               | 64QAM  | 15 | 0  | 18.38  | 18.02 | 18.05  |                     |
| 3               | 256QAM | 1  | 0  | 16.18  | 16.06 | 16.07  | 17                  |
| 3               | 256QAM | 1  | 8  | 16.23  | 16.03 | 15.84  |                     |
| 3               | 256QAM | 1  | 14 | 16.11  | 15.84 | 15.81  |                     |
| 3               | 256QAM | 8  | 0  | 16.15  | 15.92 | 16.03  | 17                  |
| 3               | 256QAM | 8  | 4  | 16.28  | 16.10 | 15.92  |                     |
| 3               | 256QAM | 8  | 7  | 16.10  | 15.99 | 15.80  |                     |
| 3               | 256QAM | 15 | 0  | 16.07  | 15.98 | 15.90  |                     |
| Channel         |        |    |    | 18607  | 18900 | 19193  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1850.7 | 1880  | 1909.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 21.28  | 20.99 | 20.95  | 22                  |
| 1.4             | QPSK   | 1  | 3  | 21.31  | 20.84 | 20.94  |                     |
| 1.4             | QPSK   | 1  | 5  | 21.09  | 20.71 | 20.68  |                     |
| 1.4             | QPSK   | 3  | 0  | 21.32  | 20.96 | 20.93  |                     |
| 1.4             | QPSK   | 3  | 1  | 21.30  | 20.88 | 20.88  |                     |
| 1.4             | QPSK   | 3  | 3  | 21.17  | 20.71 | 20.62  |                     |
| 1.4             | QPSK   | 6  | 0  | 20.05  | 19.99 | 19.74  | 21                  |
| 1.4             | 16QAM  | 1  | 0  | 20.55  | 20.28 | 20.16  | 21                  |
| 1.4             | 16QAM  | 1  | 3  | 20.49  | 20.19 | 20.13  |                     |
| 1.4             | 16QAM  | 1  | 5  | 20.28  | 19.93 | 19.99  |                     |
| 1.4             | 16QAM  | 3  | 0  | 20.50  | 20.27 | 20.16  |                     |
| 1.4             | 16QAM  | 3  | 1  | 20.53  | 20.23 | 20.12  |                     |
| 1.4             | 16QAM  | 3  | 3  | 20.32  | 20.00 | 20.00  | 20                  |
| 1.4             | 16QAM  | 6  | 0  | 19.13  | 19.00 | 18.85  |                     |
| 1.4             | 64QAM  | 1  | 0  | 19.57  | 19.03 | 18.93  |                     |
| 1.4             | 64QAM  | 1  | 3  | 19.13  | 19.03 | 18.87  |                     |
| 1.4             | 64QAM  | 1  | 5  | 19.09  | 18.84 | 18.82  | 20                  |
| 1.4             | 64QAM  | 3  | 0  | 19.58  | 19.08 | 18.96  |                     |
| 1.4             | 64QAM  | 3  | 1  | 19.16  | 18.96 | 18.87  |                     |
| 1.4             | 64QAM  | 3  | 3  | 19.18  | 18.87 | 18.85  |                     |
| 1.4             | 64QAM  | 6  | 0  | 18.28  | 17.90 | 17.86  | 19                  |
| 1.4             | 256QAM | 1  | 0  | 16.00  | 15.93 | 15.91  | 17                  |
| 1.4             | 256QAM | 1  | 3  | 16.12  | 15.84 | 15.66  |                     |
| 1.4             | 256QAM | 1  | 5  | 15.92  | 15.72 | 15.65  |                     |
| 1.4             | 256QAM | 3  | 0  | 16.02  | 15.91 | 15.89  |                     |
| 1.4             | 256QAM | 3  | 1  | 16.11  | 15.91 | 15.74  |                     |
| 1.4             | 256QAM | 3  | 3  | 15.98  | 15.70 | 15.66  | 17                  |
| 1.4             | 256QAM | 6  | 0  | 15.96  | 15.78 | 15.72  |                     |



&lt;LTE Band 4\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 25.58                    | 25.49                       | 25.43                     |                        |
| 20              | QPSK       | 1       | 49        | 25.48                    | 25.35                       | 25.33                     | 25.7                   |
| 20              | QPSK       | 1       | 99        | 25.33                    | 25.34                       | 25.25                     |                        |
| 20              | QPSK       | 50      | 0         | 24.69                    | 24.59                       | 24.52                     |                        |
| 20              | QPSK       | 50      | 24        | 24.63                    | 24.47                       | 24.50                     | 24.7                   |
| 20              | QPSK       | 50      | 50        | 24.43                    | 24.52                       | 24.53                     |                        |
| 20              | QPSK       | 100     | 0         | 24.64                    | 24.56                       | 24.43                     |                        |
| 20              | 16QAM      | 1       | 0         | 24.44                    | 24.59                       | 24.60                     | 24.7                   |
| 20              | 16QAM      | 1       | 49        | 24.37                    | 24.61                       | 24.61                     |                        |
| 20              | 16QAM      | 1       | 99        | 24.29                    | 24.60                       | 24.62                     |                        |
| 20              | 16QAM      | 50      | 0         | 23.68                    | 23.53                       | 23.50                     | 23.7                   |
| 20              | 16QAM      | 50      | 24        | 23.66                    | 23.49                       | 23.48                     |                        |
| 20              | 16QAM      | 50      | 50        | 23.51                    | 23.43                       | 23.43                     |                        |
| 20              | 16QAM      | 100     | 0         | 23.59                    | 23.46                       | 23.54                     | 23.7                   |
| 20              | 64QAM      | 1       | 0         | 23.64                    | 23.55                       | 23.65                     |                        |
| 20              | 64QAM      | 1       | 49        | 23.58                    | 23.61                       | 23.69                     |                        |
| 20              | 64QAM      | 1       | 99        | 23.57                    | 23.51                       | 23.65                     | 22.7                   |
| 20              | 64QAM      | 50      | 0         | 22.67                    | 22.47                       | 22.53                     |                        |
| 20              | 64QAM      | 50      | 24        | 22.62                    | 22.46                       | 22.44                     |                        |
| 20              | 64QAM      | 50      | 50        | 22.50                    | 22.49                       | 22.50                     | 20.7                   |
| 20              | 64QAM      | 100     | 0         | 22.60                    | 22.46                       | 22.45                     |                        |
| 20              | 256QAM     | 1       | 0         | 20.53                    | 20.48                       | 20.39                     |                        |
| 20              | 256QAM     | 1       | 49        | 20.48                    | 20.43                       | 20.43                     | 20.7                   |
| 20              | 256QAM     | 1       | 99        | 20.45                    | 20.53                       | 20.67                     |                        |
| 20              | 256QAM     | 50      | 0         | 20.47                    | 20.40                       | 20.47                     |                        |
| 20              | 256QAM     | 50      | 24        | 20.50                    | 20.39                       | 20.57                     | 20.7                   |
| 20              | 256QAM     | 50      | 50        | 20.45                    | 20.46                       | 20.65                     |                        |
| 20              | 256QAM     | 100     | 0         | 20.51                    | 20.37                       | 20.66                     |                        |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.38                    | 25.39                       | 25.30                     |                        |
| 15              | QPSK       | 1       | 37        | 25.36                    | 25.23                       | 25.18                     | 25.7                   |
| 15              | QPSK       | 1       | 74        | 25.14                    | 25.18                       | 25.13                     |                        |
| 15              | QPSK       | 36      | 0         | 24.53                    | 24.40                       | 24.37                     | 24.7                   |
| 15              | QPSK       | 36      | 20        | 24.44                    | 24.28                       | 24.34                     |                        |
| 15              | QPSK       | 36      | 39        | 24.23                    | 24.40                       | 24.42                     |                        |
| 15              | QPSK       | 75      | 0         | 24.47                    | 24.45                       | 24.30                     | 24.7                   |
| 15              | 16QAM      | 1       | 0         | 24.32                    | 24.48                       | 24.43                     |                        |
| 15              | 16QAM      | 1       | 37        | 24.26                    | 24.49                       | 24.46                     |                        |
| 15              | 16QAM      | 1       | 74        | 24.12                    | 24.44                       | 24.46                     | 23.7                   |
| 15              | 16QAM      | 36      | 0         | 23.48                    | 23.33                       | 23.38                     |                        |
| 15              | 16QAM      | 36      | 20        | 23.53                    | 23.30                       | 23.31                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.39                    | 23.30                       | 23.30                     | 23.7                   |
| 15              | 16QAM      | 75      | 0         | 23.44                    | 23.32                       | 23.35                     |                        |
| 15              | 64QAM      | 1       | 0         | 23.49                    | 23.42                       | 23.54                     |                        |
| 15              | 64QAM      | 1       | 37        | 23.38                    | 23.48                       | 23.55                     | 22.7                   |
| 15              | 64QAM      | 1       | 74        | 23.38                    | 23.34                       | 23.45                     |                        |
| 15              | 64QAM      | 36      | 0         | 22.50                    | 22.32                       | 22.42                     |                        |
| 15              | 64QAM      | 36      | 20        | 22.46                    | 22.32                       | 22.34                     | 20.7                   |
| 15              | 64QAM      | 36      | 39        | 22.33                    | 22.30                       | 22.34                     |                        |
| 15              | 64QAM      | 75      | 0         | 22.46                    | 22.27                       | 22.32                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.39                    | 20.33                       | 20.23                     | 20.7                   |
| 15              | 256QAM     | 1       | 37        | 20.38                    | 20.33                       | 20.33                     |                        |
| 15              | 256QAM     | 1       | 74        | 20.30                    | 20.38                       | 20.52                     |                        |
| 15              | 256QAM     | 36      | 0         | 20.28                    | 20.25                       | 20.32                     | 20.7                   |
| 15              | 256QAM     | 36      | 20        | 20.34                    | 20.26                       | 20.41                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 20.31  | 20.26  | 20.47  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 20.41  | 20.27  | 20.47  |                     |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                     |
| 10              | QPSK   | 1  | 0  | 25.46  | 25.36  | 25.26  | 25.7                |
| 10              | QPSK   | 1  | 25 | 25.30  | 25.17  | 25.17  |                     |
| 10              | QPSK   | 1  | 49 | 25.19  | 25.19  | 25.11  |                     |
| 10              | QPSK   | 25 | 0  | 24.57  | 24.40  | 24.34  | 24.7                |
| 10              | QPSK   | 25 | 12 | 24.46  | 24.27  | 24.30  |                     |
| 10              | QPSK   | 25 | 25 | 24.29  | 24.41  | 24.40  |                     |
| 10              | QPSK   | 50 | 0  | 24.48  | 24.44  | 24.28  |                     |
| 10              | 16QAM  | 1  | 0  | 24.33  | 24.39  | 24.43  | 24.7                |
| 10              | 16QAM  | 1  | 25 | 24.26  | 24.43  | 24.49  |                     |
| 10              | 16QAM  | 1  | 49 | 24.10  | 24.40  | 24.45  |                     |
| 10              | 16QAM  | 25 | 0  | 23.57  | 23.42  | 23.32  | 23.7                |
| 10              | 16QAM  | 25 | 12 | 23.51  | 23.31  | 23.29  |                     |
| 10              | 16QAM  | 25 | 25 | 23.35  | 23.32  | 23.25  |                     |
| 10              | 16QAM  | 50 | 0  | 23.49  | 23.28  | 23.34  |                     |
| 10              | 64QAM  | 1  | 0  | 23.50  | 23.45  | 23.55  | 23.7                |
| 10              | 64QAM  | 1  | 25 | 23.47  | 23.46  | 23.55  |                     |
| 10              | 64QAM  | 1  | 49 | 23.42  | 23.40  | 23.54  |                     |
| 10              | 64QAM  | 25 | 0  | 22.52  | 22.37  | 22.39  | 22.7                |
| 10              | 64QAM  | 25 | 12 | 22.45  | 22.36  | 22.28  |                     |
| 10              | 64QAM  | 25 | 25 | 22.34  | 22.36  | 22.34  |                     |
| 10              | 64QAM  | 50 | 0  | 22.48  | 22.34  | 22.29  |                     |
| 10              | 256QAM | 1  | 0  | 20.39  | 20.34  | 20.27  | 20.7                |
| 10              | 256QAM | 1  | 25 | 20.36  | 20.31  | 20.32  |                     |
| 10              | 256QAM | 1  | 49 | 20.32  | 20.37  | 20.56  |                     |
| 10              | 256QAM | 25 | 0  | 20.28  | 20.28  | 20.29  | 20.7                |
| 10              | 256QAM | 25 | 12 | 20.30  | 20.28  | 20.38  |                     |
| 10              | 256QAM | 25 | 25 | 20.32  | 20.30  | 20.51  |                     |
| 10              | 256QAM | 50 | 0  | 20.31  | 20.19  | 20.51  |                     |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.39  | 25.29  | 25.24  | 25.7                |
| 5               | QPSK   | 1  | 12 | 25.34  | 25.15  | 25.16  |                     |
| 5               | QPSK   | 1  | 24 | 25.22  | 25.23  | 25.05  |                     |
| 5               | QPSK   | 12 | 0  | 24.51  | 24.41  | 24.39  | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.50  | 24.31  | 24.35  |                     |
| 5               | QPSK   | 12 | 13 | 24.26  | 24.40  | 24.33  |                     |
| 5               | QPSK   | 25 | 0  | 24.50  | 24.36  | 24.30  |                     |
| 5               | 16QAM  | 1  | 0  | 24.30  | 24.41  | 24.48  | 24.7                |
| 5               | 16QAM  | 1  | 12 | 24.23  | 24.49  | 24.46  |                     |
| 5               | 16QAM  | 1  | 24 | 24.13  | 24.45  | 24.44  |                     |
| 5               | 16QAM  | 12 | 0  | 23.49  | 23.39  | 23.38  | 23.7                |
| 5               | 16QAM  | 12 | 7  | 23.56  | 23.34  | 23.36  |                     |
| 5               | 16QAM  | 12 | 13 | 23.32  | 23.33  | 23.30  |                     |
| 5               | 16QAM  | 25 | 0  | 23.49  | 23.36  | 23.39  |                     |
| 5               | 64QAM  | 1  | 0  | 23.44  | 23.44  | 23.51  | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.44  | 23.46  | 23.56  |                     |
| 5               | 64QAM  | 1  | 24 | 23.37  | 23.34  | 23.46  |                     |
| 5               | 64QAM  | 12 | 0  | 22.55  | 22.37  | 22.35  | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.50  | 22.33  | 22.24  |                     |
| 5               | 64QAM  | 12 | 13 | 22.30  | 22.35  | 22.37  |                     |
| 5               | 64QAM  | 25 | 0  | 22.46  | 22.35  | 22.33  |                     |
| 5               | 256QAM | 1  | 0  | 20.37  | 20.33  | 20.24  | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.34  | 20.33  | 20.30  |                     |
| 5               | 256QAM | 1  | 24 | 20.29  | 20.42  | 20.57  |                     |
| 5               | 256QAM | 12 | 0  | 20.36  | 20.26  | 20.28  | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.34  | 20.23  | 20.40  |                     |
| 5               | 256QAM | 12 | 13 | 20.34  | 20.35  | 20.52  |                     |
| 5               | 256QAM | 25 | 0  | 20.37  | 20.24  | 20.50  |                     |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 25.41  | 25.31  | 25.33  | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.32  | 25.25  | 25.20  |                     |
| 3               | QPSK   | 1  | 14 | 25.13  | 25.19  | 25.13  |                     |
| 3               | QPSK   | 8  | 0  | 24.59  | 24.42  | 24.41  | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.49  | 24.29  | 24.31  |                     |
| 3               | QPSK   | 8  | 7  | 24.31  | 24.39  | 24.40  |                     |
| 3               | QPSK   | 15 | 0  | 24.51  | 24.42  | 24.23  |                     |
| 3               | 16QAM  | 1  | 0  | 24.24  | 24.47  | 24.42  | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.22  | 24.51  | 24.44  |                     |
| 3               | 16QAM  | 1  | 14 | 24.11  | 24.50  | 24.48  |                     |
| 3               | 16QAM  | 8  | 0  | 23.48  | 23.37  | 23.31  | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.55  | 23.36  | 23.33  |                     |
| 3               | 16QAM  | 8  | 7  | 23.35  | 23.31  | 23.32  |                     |
| 3               | 16QAM  | 15 | 0  | 23.45  | 23.31  | 23.42  |                     |
| 3               | 64QAM  | 1  | 0  | 23.49  | 23.35  | 23.52  | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.39  | 23.47  | 23.57  |                     |
| 3               | 64QAM  | 1  | 14 | 23.37  | 23.35  | 23.49  |                     |
| 3               | 64QAM  | 8  | 0  | 22.51  | 22.35  | 22.36  | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.42  | 22.35  | 22.29  |                     |
| 3               | 64QAM  | 8  | 7  | 22.35  | 22.30  | 22.40  |                     |
| 3               | 64QAM  | 15 | 0  | 22.44  | 22.33  | 22.30  |                     |
| 3               | 256QAM | 1  | 0  | 20.37  | 20.36  | 20.19  | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.36  | 20.33  | 20.30  |                     |
| 3               | 256QAM | 1  | 14 | 20.33  | 20.39  | 20.50  |                     |
| 3               | 256QAM | 8  | 0  | 20.35  | 20.20  | 20.27  | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.33  | 20.23  | 20.39  |                     |
| 3               | 256QAM | 8  | 7  | 20.25  | 20.36  | 20.51  |                     |
| 3               | 256QAM | 15 | 0  | 20.34  | 20.27  | 20.52  |                     |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.28  | 25.16  | 25.21  | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.12  | 25.05  | 25.00  |                     |
| 1.4             | QPSK   | 1  | 5  | 24.98  | 25.04  | 25.01  |                     |
| 1.4             | QPSK   | 3  | 0  | 25.30  | 25.20  | 25.16  |                     |
| 1.4             | QPSK   | 3  | 1  | 25.21  | 25.10  | 25.07  |                     |
| 1.4             | QPSK   | 3  | 3  | 24.94  | 25.08  | 24.96  |                     |
| 1.4             | QPSK   | 6  | 0  | 24.41  | 24.25  | 24.12  | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 24.04  | 24.27  | 24.24  | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 24.02  | 24.35  | 24.29  |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.95  | 24.38  | 24.38  |                     |
| 1.4             | 16QAM  | 3  | 0  | 24.14  | 24.31  | 24.23  |                     |
| 1.4             | 16QAM  | 3  | 1  | 24.08  | 24.41  | 24.32  |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.99  | 24.31  | 24.36  | 23.7                |
| 1.4             | 16QAM  | 6  | 0  | 23.34  | 23.16  | 23.30  |                     |
| 1.4             | 64QAM  | 1  | 0  | 23.37  | 23.23  | 23.41  |                     |
| 1.4             | 64QAM  | 1  | 3  | 23.21  | 23.35  | 23.44  | 23.7                |
| 1.4             | 64QAM  | 1  | 5  | 23.27  | 23.22  | 23.37  |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.38  | 23.15  | 23.34  |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.27  | 23.27  | 23.38  |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.26  | 23.19  | 23.39  |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.27  | 22.17  | 22.19  | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.25  | 20.21  | 20.04  | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.17  | 20.21  | 20.10  |                     |
| 1.4             | 256QAM | 1  | 5  | 20.13  | 20.19  | 20.33  |                     |
| 1.4             | 256QAM | 3  | 0  | 20.22  | 20.20  | 20.00  |                     |
| 1.4             | 256QAM | 3  | 1  | 20.17  | 20.18  | 20.14  |                     |
| 1.4             | 256QAM | 3  | 3  | 20.18  | 20.21  | 20.33  | 20.7                |
| 1.4             | 256QAM | 6  | 0  | 20.24  | 20.17  | 20.37  |                     |



&lt;LTE Band 4\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 22.29                    | 22.18                       | 22.01                     |                        |
| 20              | QPSK       | 1       | 49        | 22.16                    | 22.10                       | 21.94                     | 22.6                   |
| 20              | QPSK       | 1       | 99        | 22.05                    | 22.02                       | 21.78                     |                        |
| 20              | QPSK       | 50      | 0         | 21.26                    | 21.13                       | 21.06                     |                        |
| 20              | QPSK       | 50      | 24        | 21.19                    | 21.17                       | 21.11                     | 21.6                   |
| 20              | QPSK       | 50      | 50        | 21.25                    | 21.11                       | 20.99                     |                        |
| 20              | QPSK       | 100     | 0         | 21.27                    | 21.11                       | 21.06                     |                        |
| 20              | 16QAM      | 1       | 0         | 21.31                    | 21.17                       | 21.19                     | 21.6                   |
| 20              | 16QAM      | 1       | 49        | 21.26                    | 21.11                       | 21.19                     |                        |
| 20              | 16QAM      | 1       | 99        | 21.08                    | 21.38                       | 21.09                     |                        |
| 20              | 16QAM      | 50      | 0         | 20.16                    | 20.15                       | 20.10                     | 20.6                   |
| 20              | 16QAM      | 50      | 24        | 20.19                    | 20.19                       | 20.11                     |                        |
| 20              | 16QAM      | 50      | 50        | 20.22                    | 20.17                       | 19.99                     |                        |
| 20              | 16QAM      | 100     | 0         | 20.18                    | 20.11                       | 20.01                     | 20.6                   |
| 20              | 64QAM      | 1       | 0         | 20.27                    | 20.36                       | 20.26                     |                        |
| 20              | 64QAM      | 1       | 49        | 20.23                    | 20.32                       | 20.19                     |                        |
| 20              | 64QAM      | 1       | 99        | 20.31                    | 20.21                       | 19.93                     | 19.6                   |
| 20              | 64QAM      | 50      | 0         | 19.18                    | 19.20                       | 19.11                     |                        |
| 20              | 64QAM      | 50      | 24        | 19.25                    | 19.12                       | 19.12                     |                        |
| 20              | 64QAM      | 50      | 50        | 19.24                    | 19.16                       | 19.00                     | 17.6                   |
| 20              | 64QAM      | 100     | 0         | 19.19                    | 19.18                       | 19.02                     |                        |
| 20              | 256QAM     | 1       | 0         | 17.34                    | 17.49                       | 17.41                     |                        |
| 20              | 256QAM     | 1       | 49        | 17.38                    | 17.37                       | 17.42                     | 17.6                   |
| 20              | 256QAM     | 1       | 99        | 17.40                    | 17.44                       | 17.40                     |                        |
| 20              | 256QAM     | 50      | 0         | 17.28                    | 17.44                       | 17.29                     |                        |
| 20              | 256QAM     | 50      | 24        | 17.36                    | 17.41                       | 17.37                     | 17.6                   |
| 20              | 256QAM     | 50      | 50        | 17.47                    | 17.34                       | 17.41                     |                        |
| 20              | 256QAM     | 100     | 0         | 17.19                    | 17.44                       | 17.46                     |                        |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.21                    | 22.11                       | 21.97                     |                        |
| 15              | QPSK       | 1       | 37        | 22.12                    | 22.10                       | 21.94                     | 22.6                   |
| 15              | QPSK       | 1       | 74        | 22.06                    | 22.01                       | 21.79                     |                        |
| 15              | QPSK       | 36      | 0         | 21.26                    | 21.19                       | 21.06                     | 21.6                   |
| 15              | QPSK       | 36      | 20        | 21.23                    | 21.21                       | 21.07                     |                        |
| 15              | QPSK       | 36      | 39        | 21.22                    | 21.15                       | 21.05                     |                        |
| 15              | QPSK       | 75      | 0         | 21.20                    | 21.09                       | 21.05                     | 21.6                   |
| 15              | 16QAM      | 1       | 0         | 21.30                    | 21.12                       | 21.15                     |                        |
| 15              | 16QAM      | 1       | 37        | 21.26                    | 21.13                       | 21.21                     |                        |
| 15              | 16QAM      | 1       | 74        | 21.11                    | 21.37                       | 21.02                     | 20.6                   |
| 15              | 16QAM      | 36      | 0         | 20.21                    | 20.21                       | 20.17                     |                        |
| 15              | 16QAM      | 36      | 20        | 20.28                    | 20.19                       | 20.01                     |                        |
| 15              | 16QAM      | 36      | 39        | 20.21                    | 20.15                       | 19.97                     | 20.6                   |
| 15              | 16QAM      | 75      | 0         | 20.24                    | 20.14                       | 20.10                     |                        |
| 15              | 64QAM      | 1       | 0         | 20.26                    | 20.37                       | 20.22                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.23                    | 20.31                       | 20.22                     | 19.6                   |
| 15              | 64QAM      | 1       | 74        | 20.31                    | 20.26                       | 19.88                     |                        |
| 15              | 64QAM      | 36      | 0         | 19.18                    | 19.21                       | 19.04                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.30                    | 19.14                       | 19.03                     | 17.6                   |
| 15              | 64QAM      | 36      | 39        | 19.16                    | 19.11                       | 19.03                     |                        |
| 15              | 64QAM      | 75      | 0         | 19.26                    | 19.11                       | 19.03                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.36                    | 17.50                       | 17.44                     | 17.6                   |
| 15              | 256QAM     | 1       | 37        | 17.33                    | 17.43                       | 17.38                     |                        |
| 15              | 256QAM     | 1       | 74        | 17.44                    | 17.40                       | 17.34                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.35                    | 17.38                       | 17.35                     | 17.6                   |
| 15              | 256QAM     | 36      | 20        | 17.34                    | 17.41                       | 17.38                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 17.42  | 17.33  | 17.45  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 17.15  | 17.43  | 17.48  |                     |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                     |
| 10              | QPSK   | 1  | 0  | 22.26  | 22.17  | 21.96  | 22.6                |
| 10              | QPSK   | 1  | 25 | 22.12  | 22.07  | 21.88  |                     |
| 10              | QPSK   | 1  | 49 | 22.07  | 22.02  | 21.77  |                     |
| 10              | QPSK   | 25 | 0  | 21.31  | 21.10  | 21.13  | 21.6                |
| 10              | QPSK   | 25 | 12 | 21.28  | 21.17  | 21.10  |                     |
| 10              | QPSK   | 25 | 25 | 21.21  | 21.17  | 20.95  |                     |
| 10              | QPSK   | 50 | 0  | 21.21  | 21.11  | 21.08  |                     |
| 10              | 16QAM  | 1  | 0  | 21.40  | 21.12  | 21.21  | 21.6                |
| 10              | 16QAM  | 1  | 25 | 21.24  | 21.18  | 21.23  |                     |
| 10              | 16QAM  | 1  | 49 | 21.12  | 21.30  | 21.04  |                     |
| 10              | 16QAM  | 25 | 0  | 20.23  | 20.16  | 20.07  | 20.6                |
| 10              | 16QAM  | 25 | 12 | 20.22  | 20.16  | 20.01  |                     |
| 10              | 16QAM  | 25 | 25 | 20.20  | 20.19  | 19.96  |                     |
| 10              | 16QAM  | 50 | 0  | 20.22  | 20.08  | 20.07  |                     |
| 10              | 64QAM  | 1  | 0  | 20.29  | 20.30  | 20.21  | 20.6                |
| 10              | 64QAM  | 1  | 25 | 20.24  | 20.28  | 20.15  |                     |
| 10              | 64QAM  | 1  | 49 | 20.31  | 20.27  | 19.96  |                     |
| 10              | 64QAM  | 25 | 0  | 19.15  | 19.22  | 19.10  | 19.6                |
| 10              | 64QAM  | 25 | 12 | 19.30  | 19.15  | 19.08  |                     |
| 10              | 64QAM  | 25 | 25 | 19.16  | 19.11  | 18.98  |                     |
| 10              | 64QAM  | 50 | 0  | 19.24  | 19.12  | 19.02  |                     |
| 10              | 256QAM | 1  | 0  | 17.43  | 17.47  | 17.43  | 17.6                |
| 10              | 256QAM | 1  | 25 | 17.36  | 17.36  | 17.44  |                     |
| 10              | 256QAM | 1  | 49 | 17.34  | 17.37  | 17.37  |                     |
| 10              | 256QAM | 25 | 0  | 17.32  | 17.48  | 17.36  | 17.6                |
| 10              | 256QAM | 25 | 12 | 17.27  | 17.46  | 17.43  |                     |
| 10              | 256QAM | 25 | 25 | 17.38  | 17.36  | 17.39  |                     |
| 10              | 256QAM | 50 | 0  | 17.21  | 17.45  | 17.46  |                     |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                     |
| 5               | QPSK   | 1  | 0  | 22.24  | 22.13  | 22.03  | 22.6                |
| 5               | QPSK   | 1  | 12 | 22.18  | 22.07  | 21.93  |                     |
| 5               | QPSK   | 1  | 24 | 22.06  | 22.02  | 21.82  |                     |
| 5               | QPSK   | 12 | 0  | 21.25  | 21.13  | 21.10  | 21.6                |
| 5               | QPSK   | 12 | 7  | 21.27  | 21.18  | 21.09  |                     |
| 5               | QPSK   | 12 | 13 | 21.20  | 21.13  | 21.04  |                     |
| 5               | QPSK   | 25 | 0  | 21.28  | 21.09  | 21.03  |                     |
| 5               | 16QAM  | 1  | 0  | 21.39  | 21.18  | 21.22  | 21.6                |
| 5               | 16QAM  | 1  | 12 | 21.25  | 21.14  | 21.23  |                     |
| 5               | 16QAM  | 1  | 24 | 21.14  | 21.35  | 21.10  |                     |
| 5               | 16QAM  | 12 | 0  | 20.17  | 20.22  | 20.12  | 20.6                |
| 5               | 16QAM  | 12 | 7  | 20.27  | 20.16  | 20.11  |                     |
| 5               | 16QAM  | 12 | 13 | 20.15  | 20.20  | 20.00  |                     |
| 5               | 16QAM  | 25 | 0  | 20.22  | 20.09  | 20.03  |                     |
| 5               | 64QAM  | 1  | 0  | 20.30  | 20.31  | 20.23  | 20.6                |
| 5               | 64QAM  | 1  | 12 | 20.32  | 20.36  | 20.18  |                     |
| 5               | 64QAM  | 1  | 24 | 20.33  | 20.23  | 19.96  |                     |
| 5               | 64QAM  | 12 | 0  | 19.19  | 19.18  | 19.12  | 19.6                |
| 5               | 64QAM  | 12 | 7  | 19.28  | 19.15  | 19.08  |                     |
| 5               | 64QAM  | 12 | 13 | 19.22  | 19.20  | 18.98  |                     |
| 5               | 64QAM  | 25 | 0  | 19.25  | 19.08  | 19.09  |                     |
| 5               | 256QAM | 1  | 0  | 17.38  | 17.47  | 17.41  | 17.6                |
| 5               | 256QAM | 1  | 12 | 17.35  | 17.38  | 17.47  |                     |
| 5               | 256QAM | 1  | 24 | 17.38  | 17.37  | 17.31  |                     |
| 5               | 256QAM | 12 | 0  | 17.31  | 17.47  | 17.30  | 17.6                |
| 5               | 256QAM | 12 | 7  | 17.28  | 17.46  | 17.38  |                     |
| 5               | 256QAM | 12 | 13 | 17.47  | 17.40  | 17.45  |                     |
| 5               | 256QAM | 25 | 0  | 17.14  | 17.48  | 17.46  |                     |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 22.25  | 22.11  | 21.95  | 22.6                |
| 3               | QPSK   | 1  | 8  | 22.18  | 22.07  | 21.92  |                     |
| 3               | QPSK   | 1  | 14 | 22.05  | 21.98  | 21.82  |                     |
| 3               | QPSK   | 8  | 0  | 21.28  | 21.18  | 21.08  | 21.6                |
| 3               | QPSK   | 8  | 4  | 21.27  | 21.11  | 21.07  |                     |
| 3               | QPSK   | 8  | 7  | 21.18  | 21.20  | 21.00  |                     |
| 3               | QPSK   | 15 | 0  | 21.27  | 21.12  | 21.10  | 21.6                |
| 3               | 16QAM  | 1  | 0  | 21.39  | 21.11  | 21.16  |                     |
| 3               | 16QAM  | 1  | 8  | 21.27  | 21.20  | 21.19  |                     |
| 3               | 16QAM  | 1  | 14 | 21.06  | 21.39  | 21.07  | 20.6                |
| 3               | 16QAM  | 8  | 0  | 20.21  | 20.22  | 20.08  |                     |
| 3               | 16QAM  | 8  | 4  | 20.23  | 20.19  | 20.03  |                     |
| 3               | 16QAM  | 8  | 7  | 20.22  | 20.20  | 20.00  | 20.6                |
| 3               | 16QAM  | 15 | 0  | 20.20  | 20.12  | 20.09  |                     |
| 3               | 64QAM  | 1  | 0  | 20.27  | 20.40  | 20.22  |                     |
| 3               | 64QAM  | 1  | 8  | 20.27  | 20.28  | 20.12  | 19.6                |
| 3               | 64QAM  | 1  | 14 | 20.32  | 20.26  | 19.96  |                     |
| 3               | 64QAM  | 8  | 0  | 19.19  | 19.21  | 19.07  |                     |
| 3               | 64QAM  | 8  | 4  | 19.30  | 19.16  | 19.09  | 17.6                |
| 3               | 64QAM  | 8  | 7  | 19.19  | 19.13  | 19.02  |                     |
| 3               | 64QAM  | 15 | 0  | 19.25  | 19.08  | 19.07  |                     |
| 3               | 256QAM | 1  | 0  | 17.43  | 17.50  | 17.38  | 17.6                |
| 3               | 256QAM | 1  | 8  | 17.40  | 17.34  | 17.42  |                     |
| 3               | 256QAM | 1  | 14 | 17.44  | 17.35  | 17.34  |                     |
| 3               | 256QAM | 8  | 0  | 17.36  | 17.41  | 17.37  | 17.6                |
| 3               | 256QAM | 8  | 4  | 17.30  | 17.44  | 17.43  |                     |
| 3               | 256QAM | 8  | 7  | 17.41  | 17.38  | 17.48  |                     |
| 3               | 256QAM | 15 | 0  | 17.24  | 17.44  | 17.48  | Tune-up limit (dBm) |
| Channel         |        |    |    | 19957  | 20175  | 20393  |                     |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | 22.6                |
| 1.4             | QPSK   | 1  | 0  | 22.23  | 22.16  | 22.01  |                     |
| 1.4             | QPSK   | 1  | 3  | 22.12  | 22.09  | 21.95  |                     |
| 1.4             | QPSK   | 1  | 5  | 22.12  | 22.02  | 21.80  | 21.6                |
| 1.4             | QPSK   | 3  | 0  | 22.03  | 21.98  | 21.85  |                     |
| 1.4             | QPSK   | 3  | 1  | 21.93  | 21.93  | 21.85  |                     |
| 1.4             | QPSK   | 3  | 3  | 21.94  | 21.84  | 21.64  | 21.6                |
| 1.4             | QPSK   | 6  | 0  | 21.21  | 21.18  | 21.08  |                     |
| 1.4             | 16QAM  | 1  | 0  | 21.35  | 21.13  | 21.22  |                     |
| 1.4             | 16QAM  | 1  | 3  | 21.27  | 21.20  | 21.23  | 20.6                |
| 1.4             | 16QAM  | 1  | 5  | 21.10  | 21.29  | 21.06  |                     |
| 1.4             | 16QAM  | 3  | 0  | 21.25  | 20.99  | 21.06  |                     |
| 1.4             | 16QAM  | 3  | 1  | 21.14  | 21.03  | 21.08  | 20.6                |
| 1.4             | 16QAM  | 3  | 3  | 20.91  | 21.10  | 20.91  |                     |
| 1.4             | 16QAM  | 6  | 0  | 20.22  | 20.09  | 20.03  |                     |
| 1.4             | 64QAM  | 1  | 0  | 20.25  | 20.34  | 20.24  | 19.6                |
| 1.4             | 64QAM  | 1  | 3  | 20.31  | 20.27  | 20.16  |                     |
| 1.4             | 64QAM  | 1  | 5  | 20.31  | 20.28  | 19.87  |                     |
| 1.4             | 64QAM  | 3  | 0  | 20.12  | 20.18  | 20.12  | 17.6                |
| 1.4             | 64QAM  | 3  | 1  | 20.18  | 20.08  | 19.98  |                     |
| 1.4             | 64QAM  | 3  | 3  | 20.11  | 20.17  | 19.68  |                     |
| 1.4             | 64QAM  | 6  | 0  | 19.22  | 19.17  | 18.99  | 17.6                |
| 1.4             | 256QAM | 1  | 0  | 17.34  | 17.48  | 17.42  |                     |
| 1.4             | 256QAM | 1  | 3  | 17.33  | 17.43  | 17.43  |                     |
| 1.4             | 256QAM | 1  | 5  | 17.41  | 17.35  | 17.34  | 17.6                |
| 1.4             | 256QAM | 3  | 0  | 17.34  | 17.40  | 17.34  |                     |
| 1.4             | 256QAM | 3  | 1  | 17.27  | 17.43  | 17.39  |                     |
| 1.4             | 256QAM | 3  | 3  | 17.41  | 17.36  | 17.45  | 17.6                |
| 1.4             | 256QAM | 6  | 0  | 17.23  | 17.48  | 17.47  |                     |



<LTE Band 4\_Ant 1\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 20.45                    | 20.55                       | 20.28                     |                        |
| 20              | QPSK       | 1       | 49        | 20.31                    | 20.12                       | 20.37                     | 20.6                   |
| 20              | QPSK       | 1       | 99        | 20.19                    | 20.27                       | 20.50                     |                        |
| 20              | QPSK       | 50      | 0         | 19.41                    | 19.53                       | 19.34                     |                        |
| 20              | QPSK       | 50      | 24        | 19.29                    | 19.21                       | 19.40                     | 19.6                   |
| 20              | QPSK       | 50      | 50        | 19.18                    | 19.26                       | 19.47                     |                        |
| 20              | QPSK       | 100     | 0         | 19.26                    | 19.23                       | 19.37                     |                        |
| 20              | 16QAM      | 1       | 0         | 19.54                    | 19.45                       | 19.51                     | 19.6                   |
| 20              | 16QAM      | 1       | 49        | 19.36                    | 19.43                       | 19.48                     |                        |
| 20              | 16QAM      | 1       | 99        | 19.36                    | 19.36                       | 19.47                     |                        |
| 20              | 16QAM      | 50      | 0         | 18.42                    | 18.26                       | 18.35                     | 18.6                   |
| 20              | 16QAM      | 50      | 24        | 18.30                    | 18.27                       | 18.40                     |                        |
| 20              | 16QAM      | 50      | 50        | 18.21                    | 18.27                       | 18.45                     |                        |
| 20              | 16QAM      | 100     | 0         | 18.26                    | 18.25                       | 18.35                     | 18.6                   |
| 20              | 64QAM      | 1       | 0         | 18.54                    | 18.49                       | 18.36                     |                        |
| 20              | 64QAM      | 1       | 49        | 18.48                    | 18.28                       | 18.48                     |                        |
| 20              | 64QAM      | 1       | 99        | 18.36                    | 18.47                       | 18.40                     | 17.6                   |
| 20              | 64QAM      | 50      | 0         | 17.41                    | 17.25                       | 17.28                     |                        |
| 20              | 64QAM      | 50      | 24        | 17.27                    | 17.25                       | 17.38                     |                        |
| 20              | 64QAM      | 50      | 50        | 17.27                    | 17.28                       | 17.52                     | 17.6                   |
| 20              | 64QAM      | 100     | 0         | 17.30                    | 17.21                       | 17.39                     |                        |
| 20              | 256QAM     | 1       | 0         | 15.22                    | 15.05                       | 15.25                     | 15.6                   |
| 20              | 256QAM     | 1       | 49        | 15.25                    | 15.24                       | 15.38                     |                        |
| 20              | 256QAM     | 1       | 99        | 15.28                    | 15.13                       | 15.20                     |                        |
| 20              | 256QAM     | 50      | 0         | 15.16                    | 15.05                       | 15.27                     | 15.6                   |
| 20              | 256QAM     | 50      | 24        | 15.20                    | 15.27                       | 15.40                     |                        |
| 20              | 256QAM     | 50      | 50        | 15.11                    | 15.06                       | 15.20                     |                        |
| 20              | 256QAM     | 100     | 0         | 15.10                    | 15.05                       | 15.15                     |                        |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.33                    | 20.40                       | 20.17                     |                        |
| 15              | QPSK       | 1       | 37        | 20.12                    | 19.98                       | 20.23                     | 20.6                   |
| 15              | QPSK       | 1       | 74        | 20.03                    | 20.16                       | 20.35                     |                        |
| 15              | QPSK       | 36      | 0         | 19.23                    | 19.41                       | 19.21                     | 19.6                   |
| 15              | QPSK       | 36      | 20        | 19.19                    | 19.03                       | 19.20                     |                        |
| 15              | QPSK       | 36      | 39        | 18.98                    | 19.06                       | 19.36                     |                        |
| 15              | QPSK       | 75      | 0         | 19.16                    | 19.10                       | 19.25                     | 19.6                   |
| 15              | 16QAM      | 1       | 0         | 19.34                    | 19.28                       | 19.33                     |                        |
| 15              | 16QAM      | 1       | 37        | 19.22                    | 19.28                       | 19.35                     |                        |
| 15              | 16QAM      | 1       | 74        | 19.19                    | 19.26                       | 19.35                     | 18.6                   |
| 15              | 16QAM      | 36      | 0         | 18.23                    | 18.15                       | 18.19                     |                        |
| 15              | 16QAM      | 36      | 20        | 18.20                    | 18.12                       | 18.24                     |                        |
| 15              | 16QAM      | 36      | 39        | 18.08                    | 18.07                       | 18.30                     | 18.6                   |
| 15              | 16QAM      | 75      | 0         | 18.06                    | 18.05                       | 18.17                     |                        |
| 15              | 64QAM      | 1       | 0         | 18.38                    | 18.37                       | 18.16                     |                        |
| 15              | 64QAM      | 1       | 37        | 18.32                    | 18.13                       | 18.38                     | 18.6                   |
| 15              | 64QAM      | 1       | 74        | 18.17                    | 18.29                       | 18.24                     |                        |
| 15              | 64QAM      | 36      | 0         | 17.27                    | 17.07                       | 17.13                     |                        |
| 15              | 64QAM      | 36      | 20        | 17.17                    | 17.12                       | 17.19                     | 17.6                   |
| 15              | 64QAM      | 36      | 39        | 17.11                    | 17.16                       | 17.42                     |                        |
| 15              | 64QAM      | 75      | 0         | 17.15                    | 17.04                       | 17.20                     |                        |
| 15              | 256QAM     | 1       | 0         | 15.17                    | 14.99                       | 15.16                     | 15.6                   |
| 15              | 256QAM     | 1       | 37        | 15.17                    | 15.18                       | 15.29                     |                        |
| 15              | 256QAM     | 1       | 74        | 15.20                    | 15.05                       | 15.14                     |                        |
| 15              | 256QAM     | 36      | 0         | 15.11                    | 15.00                       | 15.18                     | 15.6                   |
| 15              | 256QAM     | 36      | 20        | 15.11                    | 15.18                       | 15.33                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 15.03  | 14.96  | 15.14  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 15.01  | 14.98  | 15.08  |                     |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                     |
| 10              | QPSK   | 1  | 0  | 20.33  | 20.42  | 20.10  | 20.6                |
| 10              | QPSK   | 1  | 25 | 20.20  | 19.94  | 20.25  |                     |
| 10              | QPSK   | 1  | 49 | 20.01  | 20.15  | 20.36  |                     |
| 10              | QPSK   | 25 | 0  | 19.24  | 19.40  | 19.15  | 19.6                |
| 10              | QPSK   | 25 | 12 | 19.18  | 19.01  | 19.23  |                     |
| 10              | QPSK   | 25 | 25 | 19.06  | 19.06  | 19.37  |                     |
| 10              | QPSK   | 50 | 0  | 19.08  | 19.10  | 19.21  |                     |
| 10              | 16QAM  | 1  | 0  | 19.40  | 19.30  | 19.34  | 19.6                |
| 10              | 16QAM  | 1  | 25 | 19.25  | 19.29  | 19.32  |                     |
| 10              | 16QAM  | 1  | 49 | 19.18  | 19.19  | 19.34  |                     |
| 10              | 16QAM  | 25 | 0  | 18.30  | 18.14  | 18.16  | 18.6                |
| 10              | 16QAM  | 25 | 12 | 18.20  | 18.12  | 18.23  |                     |
| 10              | 16QAM  | 25 | 25 | 18.08  | 18.10  | 18.27  |                     |
| 10              | 16QAM  | 50 | 0  | 18.09  | 18.06  | 18.16  |                     |
| 10              | 64QAM  | 1  | 0  | 18.36  | 18.33  | 18.22  | 18.6                |
| 10              | 64QAM  | 1  | 25 | 18.31  | 18.18  | 18.37  |                     |
| 10              | 64QAM  | 1  | 49 | 18.20  | 18.31  | 18.24  |                     |
| 10              | 64QAM  | 25 | 0  | 17.27  | 17.14  | 17.14  | 17.6                |
| 10              | 64QAM  | 25 | 12 | 17.14  | 17.10  | 17.24  |                     |
| 10              | 64QAM  | 25 | 25 | 17.10  | 17.16  | 17.39  |                     |
| 10              | 64QAM  | 50 | 0  | 17.19  | 17.08  | 17.21  |                     |
| 10              | 256QAM | 1  | 0  | 15.13  | 14.97  | 15.16  | 15.6                |
| 10              | 256QAM | 1  | 25 | 15.20  | 15.15  | 15.28  |                     |
| 10              | 256QAM | 1  | 49 | 15.22  | 15.05  | 15.10  |                     |
| 10              | 256QAM | 25 | 0  | 15.08  | 14.96  | 15.22  | 15.6                |
| 10              | 256QAM | 25 | 12 | 15.14  | 15.22  | 15.30  |                     |
| 10              | 256QAM | 25 | 25 | 15.04  | 14.97  | 15.14  |                     |
| 10              | 256QAM | 50 | 0  | 15.01  | 14.98  | 15.05  |                     |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                     |
| 5               | QPSK   | 1  | 0  | 20.30  | 20.37  | 20.12  | 20.6                |
| 5               | QPSK   | 1  | 12 | 20.19  | 20.02  | 20.24  |                     |
| 5               | QPSK   | 1  | 24 | 20.04  | 20.16  | 20.37  |                     |
| 5               | QPSK   | 12 | 0  | 19.21  | 19.34  | 19.24  | 19.6                |
| 5               | QPSK   | 12 | 7  | 19.14  | 19.10  | 19.25  |                     |
| 5               | QPSK   | 12 | 13 | 19.02  | 19.13  | 19.34  |                     |
| 5               | QPSK   | 25 | 0  | 19.09  | 19.07  | 19.24  |                     |
| 5               | 16QAM  | 1  | 0  | 19.39  | 19.31  | 19.39  | 19.6                |
| 5               | 16QAM  | 1  | 12 | 19.23  | 19.30  | 19.38  |                     |
| 5               | 16QAM  | 1  | 24 | 19.19  | 19.26  | 19.28  |                     |
| 5               | 16QAM  | 12 | 0  | 18.25  | 18.16  | 18.15  | 18.6                |
| 5               | 16QAM  | 12 | 7  | 18.11  | 18.08  | 18.22  |                     |
| 5               | 16QAM  | 12 | 13 | 18.08  | 18.11  | 18.26  |                     |
| 5               | 16QAM  | 25 | 0  | 18.14  | 18.12  | 18.23  |                     |
| 5               | 64QAM  | 1  | 0  | 18.41  | 18.38  | 18.22  | 18.6                |
| 5               | 64QAM  | 1  | 12 | 18.35  | 18.10  | 18.28  |                     |
| 5               | 64QAM  | 1  | 24 | 18.16  | 18.33  | 18.25  |                     |
| 5               | 64QAM  | 12 | 0  | 17.25  | 17.14  | 17.16  | 17.6                |
| 5               | 64QAM  | 12 | 7  | 17.15  | 17.11  | 17.28  |                     |
| 5               | 64QAM  | 12 | 13 | 17.07  | 17.16  | 17.35  |                     |
| 5               | 64QAM  | 25 | 0  | 17.12  | 17.01  | 17.20  |                     |
| 5               | 256QAM | 1  | 0  | 15.14  | 14.98  | 15.15  | 15.6                |
| 5               | 256QAM | 1  | 12 | 15.18  | 15.14  | 15.30  |                     |
| 5               | 256QAM | 1  | 24 | 15.21  | 15.05  | 15.15  |                     |
| 5               | 256QAM | 12 | 0  | 15.06  | 14.99  | 15.21  | 15.6                |
| 5               | 256QAM | 12 | 7  | 15.15  | 15.21  | 15.31  |                     |
| 5               | 256QAM | 12 | 13 | 15.02  | 14.96  | 15.14  |                     |
| 5               | 256QAM | 25 | 0  | 15.00  | 14.98  | 15.07  |                     |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit       |



# FCC SAR TEST REPORT

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| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 20.26  | 20.45  | 20.11  | 20.6                |
| 3               | QPSK   | 1  | 8  | 20.12  | 19.98  | 20.18  |                     |
| 3               | QPSK   | 1  | 14 | 20.09  | 20.17  | 20.39  |                     |
| 3               | QPSK   | 8  | 0  | 19.28  | 19.40  | 19.21  | 19.6                |
| 3               | QPSK   | 8  | 4  | 19.12  | 19.10  | 19.24  |                     |
| 3               | QPSK   | 8  | 7  | 18.98  | 19.13  | 19.32  |                     |
| 3               | QPSK   | 15 | 0  | 19.08  | 19.06  | 19.17  | 19.6                |
| 3               | 16QAM  | 1  | 0  | 19.39  | 19.27  | 19.37  |                     |
| 3               | 16QAM  | 1  | 8  | 19.18  | 19.23  | 19.30  |                     |
| 3               | 16QAM  | 1  | 14 | 19.25  | 19.19  | 19.33  | 18.6                |
| 3               | 16QAM  | 8  | 0  | 18.30  | 18.11  | 18.21  |                     |
| 3               | 16QAM  | 8  | 4  | 18.13  | 18.08  | 18.30  |                     |
| 3               | 16QAM  | 8  | 7  | 18.11  | 18.17  | 18.33  | 18.6                |
| 3               | 16QAM  | 15 | 0  | 18.11  | 18.05  | 18.24  |                     |
| 3               | 64QAM  | 1  | 0  | 18.37  | 18.31  | 18.18  |                     |
| 3               | 64QAM  | 1  | 8  | 18.37  | 18.18  | 18.30  | 18.6                |
| 3               | 64QAM  | 1  | 14 | 18.25  | 18.29  | 18.25  |                     |
| 3               | 64QAM  | 8  | 0  | 17.28  | 17.13  | 17.10  |                     |
| 3               | 64QAM  | 8  | 4  | 17.08  | 17.06  | 17.18  | 17.6                |
| 3               | 64QAM  | 8  | 7  | 17.15  | 17.08  | 17.41  |                     |
| 3               | 64QAM  | 15 | 0  | 17.13  | 17.01  | 17.19  |                     |
| 3               | 256QAM | 1  | 0  | 15.14  | 14.98  | 15.20  | 15.6                |
| 3               | 256QAM | 1  | 8  | 15.20  | 15.18  | 15.33  |                     |
| 3               | 256QAM | 1  | 14 | 15.23  | 15.05  | 15.13  |                     |
| 3               | 256QAM | 8  | 0  | 15.11  | 14.95  | 15.22  | 15.6                |
| 3               | 256QAM | 8  | 4  | 15.14  | 15.21  | 15.35  |                     |
| 3               | 256QAM | 8  | 7  | 15.04  | 14.98  | 15.12  |                     |
| 3               | 256QAM | 15 | 0  | 15.01  | 14.97  | 15.07  |                     |
| Channel         |        |    |    | 19957  | 20175  | 20393  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 20.16  | 20.19  | 19.92  | 20.6                |
| 1.4             | QPSK   | 1  | 3  | 20.08  | 19.82  | 20.05  |                     |
| 1.4             | QPSK   | 1  | 5  | 19.90  | 20.04  | 20.18  |                     |
| 1.4             | QPSK   | 3  | 0  | 20.14  | 20.19  | 19.99  | 19.6                |
| 1.4             | QPSK   | 3  | 1  | 20.05  | 19.79  | 20.09  |                     |
| 1.4             | QPSK   | 3  | 3  | 19.91  | 20.07  | 20.15  |                     |
| 1.4             | QPSK   | 6  | 0  | 18.89  | 18.92  | 19.07  | 19.6                |
| 1.4             | 16QAM  | 1  | 0  | 19.24  | 19.15  | 19.24  |                     |
| 1.4             | 16QAM  | 1  | 3  | 19.07  | 19.17  | 19.11  |                     |
| 1.4             | 16QAM  | 1  | 5  | 19.13  | 18.99  | 19.22  | 18.6                |
| 1.4             | 16QAM  | 3  | 0  | 19.24  | 19.23  | 19.25  |                     |
| 1.4             | 16QAM  | 3  | 1  | 19.07  | 19.16  | 19.08  |                     |
| 1.4             | 16QAM  | 3  | 3  | 19.06  | 19.06  | 19.18  | 18.6                |
| 1.4             | 16QAM  | 6  | 0  | 17.92  | 17.94  | 18.03  |                     |
| 1.4             | 64QAM  | 1  | 0  | 18.19  | 18.24  | 18.10  |                     |
| 1.4             | 64QAM  | 1  | 3  | 18.21  | 18.04  | 18.19  | 18.6                |
| 1.4             | 64QAM  | 1  | 5  | 18.03  | 18.19  | 18.08  |                     |
| 1.4             | 64QAM  | 3  | 0  | 18.21  | 18.23  | 18.09  |                     |
| 1.4             | 64QAM  | 3  | 1  | 18.17  | 17.97  | 18.17  | 17.6                |
| 1.4             | 64QAM  | 3  | 3  | 18.07  | 18.17  | 18.09  |                     |
| 1.4             | 64QAM  | 6  | 0  | 17.02  | 16.90  | 17.12  |                     |
| 1.4             | 256QAM | 1  | 0  | 14.89  | 14.82  | 15.01  | 15.6                |
| 1.4             | 256QAM | 1  | 3  | 14.91  | 14.92  | 15.04  |                     |
| 1.4             | 256QAM | 1  | 5  | 15.04  | 14.80  | 14.88  |                     |
| 1.4             | 256QAM | 3  | 0  | 14.91  | 14.80  | 15.03  | 15.6                |
| 1.4             | 256QAM | 3  | 1  | 14.97  | 14.94  | 15.10  |                     |
| 1.4             | 256QAM | 3  | 3  | 15.01  | 14.87  | 14.96  |                     |
| 1.4             | 256QAM | 6  | 0  | 14.78  | 14.77  | 14.85  | 15.6                |



&lt;LTE Band 4\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20050                    | 20175                       | 20300                     |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1732.5                      | 1745                      |                        |
| 20              | QPSK       | 1       | 0         | 20.45                    | 20.55                       | 20.28                     |                        |
| 20              | QPSK       | 1       | 49        | 20.31                    | 20.12                       | 20.37                     | 20.6                   |
| 20              | QPSK       | 1       | 99        | 20.19                    | 20.27                       | 20.50                     |                        |
| 20              | QPSK       | 50      | 0         | 19.41                    | 19.53                       | 19.34                     |                        |
| 20              | QPSK       | 50      | 24        | 19.29                    | 19.21                       | 19.40                     | 19.6                   |
| 20              | QPSK       | 50      | 50        | 19.18                    | 19.26                       | 19.47                     |                        |
| 20              | QPSK       | 100     | 0         | 19.26                    | 19.23                       | 19.37                     |                        |
| 20              | 16QAM      | 1       | 0         | 19.54                    | 19.45                       | 19.51                     | 19.6                   |
| 20              | 16QAM      | 1       | 49        | 19.36                    | 19.43                       | 19.48                     |                        |
| 20              | 16QAM      | 1       | 99        | 19.36                    | 19.36                       | 19.47                     |                        |
| 20              | 16QAM      | 50      | 0         | 18.42                    | 18.26                       | 18.35                     | 18.6                   |
| 20              | 16QAM      | 50      | 24        | 18.30                    | 18.27                       | 18.40                     |                        |
| 20              | 16QAM      | 50      | 50        | 18.21                    | 18.27                       | 18.45                     |                        |
| 20              | 16QAM      | 100     | 0         | 18.26                    | 18.25                       | 18.35                     | 18.6                   |
| 20              | 64QAM      | 1       | 0         | 18.54                    | 18.49                       | 18.36                     |                        |
| 20              | 64QAM      | 1       | 49        | 18.48                    | 18.28                       | 18.48                     |                        |
| 20              | 64QAM      | 1       | 99        | 18.36                    | 18.47                       | 18.40                     | 17.6                   |
| 20              | 64QAM      | 50      | 0         | 17.41                    | 17.25                       | 17.28                     |                        |
| 20              | 64QAM      | 50      | 24        | 17.27                    | 17.25                       | 17.38                     |                        |
| 20              | 64QAM      | 50      | 50        | 17.27                    | 17.28                       | 17.52                     | 17.6                   |
| 20              | 64QAM      | 100     | 0         | 17.30                    | 17.21                       | 17.39                     |                        |
| 20              | 256QAM     | 1       | 0         | 15.22                    | 15.05                       | 15.25                     | 15.6                   |
| 20              | 256QAM     | 1       | 49        | 15.25                    | 15.24                       | 15.38                     |                        |
| 20              | 256QAM     | 1       | 99        | 15.28                    | 15.13                       | 15.20                     |                        |
| 20              | 256QAM     | 50      | 0         | 15.16                    | 15.05                       | 15.27                     | 15.6                   |
| 20              | 256QAM     | 50      | 24        | 15.20                    | 15.27                       | 15.40                     |                        |
| 20              | 256QAM     | 50      | 50        | 15.11                    | 15.06                       | 15.20                     |                        |
| 20              | 256QAM     | 100     | 0         | 15.10                    | 15.05                       | 15.15                     |                        |
| Channel         |            |         |           | 20025                    | 20175                       | 20325                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1732.5                      | 1747.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.33                    | 20.40                       | 20.17                     |                        |
| 15              | QPSK       | 1       | 37        | 20.12                    | 19.98                       | 20.23                     | 20.6                   |
| 15              | QPSK       | 1       | 74        | 20.03                    | 20.16                       | 20.35                     |                        |
| 15              | QPSK       | 36      | 0         | 19.23                    | 19.41                       | 19.21                     | 19.6                   |
| 15              | QPSK       | 36      | 20        | 19.19                    | 19.03                       | 19.20                     |                        |
| 15              | QPSK       | 36      | 39        | 18.98                    | 19.06                       | 19.36                     |                        |
| 15              | QPSK       | 75      | 0         | 19.16                    | 19.10                       | 19.25                     | 19.6                   |
| 15              | 16QAM      | 1       | 0         | 19.34                    | 19.28                       | 19.33                     |                        |
| 15              | 16QAM      | 1       | 37        | 19.22                    | 19.28                       | 19.35                     |                        |
| 15              | 16QAM      | 1       | 74        | 19.19                    | 19.26                       | 19.35                     | 18.6                   |
| 15              | 16QAM      | 36      | 0         | 18.23                    | 18.15                       | 18.19                     |                        |
| 15              | 16QAM      | 36      | 20        | 18.20                    | 18.12                       | 18.24                     |                        |
| 15              | 16QAM      | 36      | 39        | 18.08                    | 18.07                       | 18.30                     | 18.6                   |
| 15              | 16QAM      | 75      | 0         | 18.06                    | 18.05                       | 18.17                     |                        |
| 15              | 64QAM      | 1       | 0         | 18.38                    | 18.37                       | 18.16                     |                        |
| 15              | 64QAM      | 1       | 37        | 18.32                    | 18.13                       | 18.38                     | 18.6                   |
| 15              | 64QAM      | 1       | 74        | 18.17                    | 18.29                       | 18.24                     |                        |
| 15              | 64QAM      | 36      | 0         | 17.27                    | 17.07                       | 17.13                     |                        |
| 15              | 64QAM      | 36      | 20        | 17.17                    | 17.12                       | 17.19                     | 17.6                   |
| 15              | 64QAM      | 36      | 39        | 17.11                    | 17.16                       | 17.42                     |                        |
| 15              | 64QAM      | 75      | 0         | 17.15                    | 17.04                       | 17.20                     |                        |
| 15              | 256QAM     | 1       | 0         | 15.17                    | 14.99                       | 15.16                     | 15.6                   |
| 15              | 256QAM     | 1       | 37        | 15.17                    | 15.18                       | 15.29                     |                        |
| 15              | 256QAM     | 1       | 74        | 15.20                    | 15.05                       | 15.14                     |                        |
| 15              | 256QAM     | 36      | 0         | 15.11                    | 15.00                       | 15.18                     | 15.6                   |
| 15              | 256QAM     | 36      | 20        | 15.11                    | 15.18                       | 15.33                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 15.03  | 14.96  | 15.14  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 15.01  | 14.98  | 15.08  |                     |
| Channel         |        |    |    | 20000  | 20175  | 20350  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1732.5 | 1750   |                     |
| 10              | QPSK   | 1  | 0  | 20.33  | 20.42  | 20.10  | 20.6                |
| 10              | QPSK   | 1  | 25 | 20.20  | 19.94  | 20.25  |                     |
| 10              | QPSK   | 1  | 49 | 20.01  | 20.15  | 20.36  |                     |
| 10              | QPSK   | 25 | 0  | 19.24  | 19.40  | 19.15  | 19.6                |
| 10              | QPSK   | 25 | 12 | 19.18  | 19.01  | 19.23  |                     |
| 10              | QPSK   | 25 | 25 | 19.06  | 19.06  | 19.37  |                     |
| 10              | QPSK   | 50 | 0  | 19.08  | 19.10  | 19.21  |                     |
| 10              | 16QAM  | 1  | 0  | 19.40  | 19.30  | 19.34  | 19.6                |
| 10              | 16QAM  | 1  | 25 | 19.25  | 19.29  | 19.32  |                     |
| 10              | 16QAM  | 1  | 49 | 19.18  | 19.19  | 19.34  |                     |
| 10              | 16QAM  | 25 | 0  | 18.30  | 18.14  | 18.16  | 18.6                |
| 10              | 16QAM  | 25 | 12 | 18.20  | 18.12  | 18.23  |                     |
| 10              | 16QAM  | 25 | 25 | 18.08  | 18.10  | 18.27  |                     |
| 10              | 16QAM  | 50 | 0  | 18.09  | 18.06  | 18.16  |                     |
| 10              | 64QAM  | 1  | 0  | 18.36  | 18.33  | 18.22  | 18.6                |
| 10              | 64QAM  | 1  | 25 | 18.31  | 18.18  | 18.37  |                     |
| 10              | 64QAM  | 1  | 49 | 18.20  | 18.31  | 18.24  |                     |
| 10              | 64QAM  | 25 | 0  | 17.27  | 17.14  | 17.14  | 17.6                |
| 10              | 64QAM  | 25 | 12 | 17.14  | 17.10  | 17.24  |                     |
| 10              | 64QAM  | 25 | 25 | 17.10  | 17.16  | 17.39  |                     |
| 10              | 64QAM  | 50 | 0  | 17.19  | 17.08  | 17.21  |                     |
| 10              | 256QAM | 1  | 0  | 15.13  | 14.97  | 15.16  | 15.6                |
| 10              | 256QAM | 1  | 25 | 15.20  | 15.15  | 15.28  |                     |
| 10              | 256QAM | 1  | 49 | 15.22  | 15.05  | 15.10  |                     |
| 10              | 256QAM | 25 | 0  | 15.08  | 14.96  | 15.22  | 15.6                |
| 10              | 256QAM | 25 | 12 | 15.14  | 15.22  | 15.30  |                     |
| 10              | 256QAM | 25 | 25 | 15.04  | 14.97  | 15.14  |                     |
| 10              | 256QAM | 50 | 0  | 15.01  | 14.98  | 15.05  |                     |
| Channel         |        |    |    | 19975  | 20175  | 20375  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1732.5 | 1752.5 |                     |
| 5               | QPSK   | 1  | 0  | 20.30  | 20.37  | 20.12  | 20.6                |
| 5               | QPSK   | 1  | 12 | 20.19  | 20.02  | 20.24  |                     |
| 5               | QPSK   | 1  | 24 | 20.04  | 20.16  | 20.37  |                     |
| 5               | QPSK   | 12 | 0  | 19.21  | 19.34  | 19.24  | 19.6                |
| 5               | QPSK   | 12 | 7  | 19.14  | 19.10  | 19.25  |                     |
| 5               | QPSK   | 12 | 13 | 19.02  | 19.13  | 19.34  |                     |
| 5               | QPSK   | 25 | 0  | 19.09  | 19.07  | 19.24  |                     |
| 5               | 16QAM  | 1  | 0  | 19.39  | 19.31  | 19.39  | 19.6                |
| 5               | 16QAM  | 1  | 12 | 19.23  | 19.30  | 19.38  |                     |
| 5               | 16QAM  | 1  | 24 | 19.19  | 19.26  | 19.28  |                     |
| 5               | 16QAM  | 12 | 0  | 18.25  | 18.16  | 18.15  | 18.6                |
| 5               | 16QAM  | 12 | 7  | 18.11  | 18.08  | 18.22  |                     |
| 5               | 16QAM  | 12 | 13 | 18.08  | 18.11  | 18.26  |                     |
| 5               | 16QAM  | 25 | 0  | 18.14  | 18.12  | 18.23  |                     |
| 5               | 64QAM  | 1  | 0  | 18.41  | 18.38  | 18.22  | 18.6                |
| 5               | 64QAM  | 1  | 12 | 18.35  | 18.10  | 18.28  |                     |
| 5               | 64QAM  | 1  | 24 | 18.16  | 18.33  | 18.25  |                     |
| 5               | 64QAM  | 12 | 0  | 17.25  | 17.14  | 17.16  | 17.6                |
| 5               | 64QAM  | 12 | 7  | 17.15  | 17.11  | 17.28  |                     |
| 5               | 64QAM  | 12 | 13 | 17.07  | 17.16  | 17.35  |                     |
| 5               | 64QAM  | 25 | 0  | 17.12  | 17.01  | 17.20  |                     |
| 5               | 256QAM | 1  | 0  | 15.14  | 14.98  | 15.15  | 15.6                |
| 5               | 256QAM | 1  | 12 | 15.18  | 15.14  | 15.30  |                     |
| 5               | 256QAM | 1  | 24 | 15.21  | 15.05  | 15.15  |                     |
| 5               | 256QAM | 12 | 0  | 15.06  | 14.99  | 15.21  | 15.6                |
| 5               | 256QAM | 12 | 7  | 15.15  | 15.21  | 15.31  |                     |
| 5               | 256QAM | 12 | 13 | 15.02  | 14.96  | 15.14  |                     |
| 5               | 256QAM | 25 | 0  | 15.00  | 14.98  | 15.07  |                     |
| Channel         |        |    |    | 19965  | 20175  | 20385  | Tune-up limit       |



# FCC SAR TEST REPORT

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| Frequency (MHz) |        |    |    | 1711.5 | 1732.5 | 1753.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 20.26  | 20.45  | 20.11  | 20.6                |
| 3               | QPSK   | 1  | 8  | 20.12  | 19.98  | 20.18  |                     |
| 3               | QPSK   | 1  | 14 | 20.09  | 20.17  | 20.39  |                     |
| 3               | QPSK   | 8  | 0  | 19.28  | 19.40  | 19.21  | 19.6                |
| 3               | QPSK   | 8  | 4  | 19.12  | 19.10  | 19.24  |                     |
| 3               | QPSK   | 8  | 7  | 18.98  | 19.13  | 19.32  |                     |
| 3               | QPSK   | 15 | 0  | 19.08  | 19.06  | 19.17  | 19.6                |
| 3               | 16QAM  | 1  | 0  | 19.39  | 19.27  | 19.37  |                     |
| 3               | 16QAM  | 1  | 8  | 19.18  | 19.23  | 19.30  |                     |
| 3               | 16QAM  | 1  | 14 | 19.25  | 19.19  | 19.33  | 18.6                |
| 3               | 16QAM  | 8  | 0  | 18.30  | 18.11  | 18.21  |                     |
| 3               | 16QAM  | 8  | 4  | 18.13  | 18.08  | 18.30  |                     |
| 3               | 16QAM  | 8  | 7  | 18.11  | 18.17  | 18.33  | 18.6                |
| 3               | 16QAM  | 15 | 0  | 18.11  | 18.05  | 18.24  |                     |
| 3               | 64QAM  | 1  | 0  | 18.37  | 18.31  | 18.18  |                     |
| 3               | 64QAM  | 1  | 8  | 18.37  | 18.18  | 18.30  | 18.6                |
| 3               | 64QAM  | 1  | 14 | 18.25  | 18.29  | 18.25  |                     |
| 3               | 64QAM  | 8  | 0  | 17.28  | 17.13  | 17.10  |                     |
| 3               | 64QAM  | 8  | 4  | 17.08  | 17.06  | 17.18  | 17.6                |
| 3               | 64QAM  | 8  | 7  | 17.15  | 17.08  | 17.41  |                     |
| 3               | 64QAM  | 15 | 0  | 17.13  | 17.01  | 17.19  |                     |
| 3               | 256QAM | 1  | 0  | 15.14  | 14.98  | 15.20  | 15.6                |
| 3               | 256QAM | 1  | 8  | 15.20  | 15.18  | 15.33  |                     |
| 3               | 256QAM | 1  | 14 | 15.23  | 15.05  | 15.13  |                     |
| 3               | 256QAM | 8  | 0  | 15.11  | 14.95  | 15.22  | 15.6                |
| 3               | 256QAM | 8  | 4  | 15.14  | 15.21  | 15.35  |                     |
| 3               | 256QAM | 8  | 7  | 15.04  | 14.98  | 15.12  |                     |
| 3               | 256QAM | 15 | 0  | 15.01  | 14.97  | 15.07  | Tune-up limit (dBm) |
| Channel         |        |    |    | 19957  | 20175  | 20393  |                     |
| Frequency (MHz) |        |    |    | 1710.7 | 1732.5 | 1754.3 | 20.6                |
| 1.4             | QPSK   | 1  | 0  | 20.16  | 20.19  | 19.92  |                     |
| 1.4             | QPSK   | 1  | 3  | 20.08  | 19.82  | 20.05  |                     |
| 1.4             | QPSK   | 1  | 5  | 19.90  | 20.04  | 20.18  | 19.6                |
| 1.4             | QPSK   | 3  | 0  | 20.14  | 20.19  | 19.99  |                     |
| 1.4             | QPSK   | 3  | 1  | 20.05  | 19.79  | 20.09  |                     |
| 1.4             | QPSK   | 3  | 3  | 19.91  | 20.07  | 20.15  | 19.6                |
| 1.4             | QPSK   | 6  | 0  | 18.89  | 18.92  | 19.07  |                     |
| 1.4             | 16QAM  | 1  | 0  | 19.24  | 19.15  | 19.24  |                     |
| 1.4             | 16QAM  | 1  | 3  | 19.07  | 19.17  | 19.11  | 18.6                |
| 1.4             | 16QAM  | 1  | 5  | 19.13  | 18.99  | 19.22  |                     |
| 1.4             | 16QAM  | 3  | 0  | 19.24  | 19.23  | 19.25  |                     |
| 1.4             | 16QAM  | 3  | 1  | 19.07  | 19.16  | 19.08  | 18.6                |
| 1.4             | 16QAM  | 3  | 3  | 19.06  | 19.06  | 19.18  |                     |
| 1.4             | 16QAM  | 6  | 0  | 17.92  | 17.94  | 18.03  |                     |
| 1.4             | 64QAM  | 1  | 0  | 18.19  | 18.24  | 18.10  | 18.6                |
| 1.4             | 64QAM  | 1  | 3  | 18.21  | 18.04  | 18.19  |                     |
| 1.4             | 64QAM  | 1  | 5  | 18.03  | 18.19  | 18.08  |                     |
| 1.4             | 64QAM  | 3  | 0  | 18.21  | 18.23  | 18.09  | 17.6                |
| 1.4             | 64QAM  | 3  | 1  | 18.17  | 17.97  | 18.17  |                     |
| 1.4             | 64QAM  | 3  | 3  | 18.07  | 18.17  | 18.09  |                     |
| 1.4             | 64QAM  | 6  | 0  | 17.02  | 16.90  | 17.12  | 15.6                |
| 1.4             | 256QAM | 1  | 0  | 14.89  | 14.82  | 15.01  |                     |
| 1.4             | 256QAM | 1  | 3  | 14.91  | 14.92  | 15.04  |                     |
| 1.4             | 256QAM | 1  | 5  | 15.04  | 14.80  | 14.88  | 15.6                |
| 1.4             | 256QAM | 3  | 0  | 14.91  | 14.80  | 15.03  |                     |
| 1.4             | 256QAM | 3  | 1  | 14.97  | 14.94  | 15.10  |                     |
| 1.4             | 256QAM | 3  | 3  | 15.01  | 14.87  | 14.96  | 15.6                |
| 1.4             | 256QAM | 6  | 0  | 14.78  | 14.77  | 14.85  |                     |



&lt;LTE Band 5\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.56                    | 25.59                       | 25.55                     | 25.7                   |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.49                       | 25.50                     |                        |
| 10              | QPSK       | 1       | 49        | 25.34                    | 25.42                       | 25.44                     |                        |
| 10              | QPSK       | 25      | 0         | 24.59                    | 24.69                       | 24.57                     | 24.7                   |
| 10              | QPSK       | 25      | 12        | 24.57                    | 24.58                       | 24.68                     |                        |
| 10              | QPSK       | 25      | 25        | 24.45                    | 24.55                       | 24.59                     |                        |
| 10              | QPSK       | 50      | 0         | 24.57                    | 24.64                       | 24.64                     | 24.7                   |
| 10              | 16QAM      | 1       | 0         | 24.37                    | 24.61                       | 24.68                     |                        |
| 10              | 16QAM      | 1       | 25        | 24.36                    | 24.59                       | 24.62                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.32                    | 24.62                       | 24.52                     | 23.7                   |
| 10              | 16QAM      | 25      | 0         | 23.60                    | 23.63                       | 23.57                     |                        |
| 10              | 16QAM      | 25      | 12        | 23.55                    | 23.61                       | 23.61                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.44                    | 23.55                       | 23.57                     | 23.7                   |
| 10              | 16QAM      | 50      | 0         | 23.50                    | 23.61                       | 23.65                     |                        |
| 10              | 64QAM      | 1       | 0         | 23.61                    | 23.61                       | 23.55                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.59                    | 23.55                       | 23.53                     | 22.7                   |
| 10              | 64QAM      | 1       | 49        | 23.60                    | 23.69                       | 23.56                     |                        |
| 10              | 64QAM      | 25      | 0         | 22.65                    | 22.62                       | 22.58                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.64                       | 22.60                     | 20.7                   |
| 10              | 64QAM      | 25      | 25        | 22.48                    | 22.57                       | 22.57                     |                        |
| 10              | 64QAM      | 50      | 0         | 22.58                    | 22.57                       | 22.57                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.57                    | 20.61                       | 20.52                     | 20.7                   |
| 10              | 256QAM     | 1       | 25        | 20.39                    | 20.42                       | 20.28                     |                        |
| 10              | 256QAM     | 1       | 49        | 20.46                    | 20.65                       | 20.65                     | 20.7                   |
| 10              | 256QAM     | 25      | 0         | 20.44                    | 20.57                       | 20.37                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.35                    | 20.48                       | 20.28                     |                        |
| 10              | 256QAM     | 25      | 25        | 20.35                    | 20.46                       | 20.29                     | 20.7                   |
| 10              | 256QAM     | 50      | 0         | 20.48                    | 20.50                       | 20.37                     |                        |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.44                     | 25.7                   |
| 5               | QPSK       | 1       | 12        | 25.33                    | 25.29                       | 25.33                     |                        |
| 5               | QPSK       | 1       | 24        | 25.18                    | 25.26                       | 25.25                     |                        |
| 5               | QPSK       | 12      | 0         | 24.48                    | 24.54                       | 24.37                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.47                    | 24.38                       | 24.50                     |                        |
| 5               | QPSK       | 12      | 13        | 24.32                    | 24.45                       | 24.48                     |                        |
| 5               | QPSK       | 25      | 0         | 24.41                    | 24.48                       | 24.45                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.21                    | 24.48                       | 24.53                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.21                    | 24.42                       | 24.47                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.18                    | 24.48                       | 24.34                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.41                    | 23.48                       | 23.38                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.48                       | 23.47                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.33                    | 23.37                       | 23.46                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.36                    | 23.48                       | 23.54                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.45                    | 23.44                       | 23.39                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.46                    | 23.45                       | 23.33                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.40                    | 23.55                       | 23.43                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.53                    | 22.44                       | 22.39                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.35                    | 22.44                       | 22.50                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.32                    | 22.46                       | 22.39                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.46                    | 22.40                       | 22.41                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.47                    | 20.45                       | 20.38                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.21                    | 20.28                       | 20.09                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.27                    | 20.54                       | 20.51                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.24                    | 20.41                       | 20.25                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.18                    | 20.35                       | 20.13                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.24 | 20.29 | 20.19 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.34 | 20.39 | 20.21 |                     |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.42 | 25.49 | 25.41 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.34 | 25.36 | 25.32 |                     |
| 3               | QPSK   | 1  | 14 | 25.20 | 25.25 | 25.34 |                     |
| 3               | QPSK   | 8  | 0  | 24.48 | 24.56 | 24.42 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.41 | 24.42 | 24.52 |                     |
| 3               | QPSK   | 8  | 7  | 24.29 | 24.43 | 24.42 |                     |
| 3               | QPSK   | 15 | 0  | 24.39 | 24.51 | 24.45 |                     |
| 3               | 16QAM  | 1  | 0  | 24.25 | 24.46 | 24.57 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.18 | 24.42 | 24.50 |                     |
| 3               | 16QAM  | 1  | 14 | 24.15 | 24.50 | 24.39 |                     |
| 3               | 16QAM  | 8  | 0  | 23.47 | 23.48 | 23.47 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.42 | 23.49 | 23.44 |                     |
| 3               | 16QAM  | 8  | 7  | 23.34 | 23.35 | 23.39 |                     |
| 3               | 16QAM  | 15 | 0  | 23.38 | 23.44 | 23.51 |                     |
| 3               | 64QAM  | 1  | 0  | 23.45 | 23.41 | 23.41 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.47 | 23.44 | 23.40 |                     |
| 3               | 64QAM  | 1  | 14 | 23.45 | 23.57 | 23.41 |                     |
| 3               | 64QAM  | 8  | 0  | 22.55 | 22.49 | 22.47 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.39 | 22.44 | 22.48 |                     |
| 3               | 64QAM  | 8  | 7  | 22.35 | 22.41 | 22.37 |                     |
| 3               | 64QAM  | 15 | 0  | 22.45 | 22.47 | 22.37 |                     |
| 3               | 256QAM | 1  | 0  | 20.40 | 20.45 | 20.34 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.19 | 20.28 | 20.13 |                     |
| 3               | 256QAM | 1  | 14 | 20.33 | 20.51 | 20.49 |                     |
| 3               | 256QAM | 8  | 0  | 20.25 | 20.37 | 20.25 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.20 | 20.38 | 20.10 |                     |
| 3               | 256QAM | 8  | 7  | 20.23 | 20.27 | 20.09 |                     |
| 3               | 256QAM | 15 | 0  | 20.32 | 20.38 | 20.24 |                     |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.26 | 25.25 | 25.20 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.07 | 25.18 | 25.20 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.07 | 25.05 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.27 | 25.25 | 25.18 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.12 | 25.16 | 25.17 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.07 | 25.10 | 25.21 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.27 | 24.30 | 24.31 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 24.11 | 24.38 | 24.37 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 24.02 | 24.35 | 24.29 |                     |
| 1.4             | 16QAM  | 1  | 5  | 24.03 | 24.36 | 24.28 |                     |
| 1.4             | 16QAM  | 3  | 0  | 24.04 | 24.29 | 24.36 |                     |
| 1.4             | 16QAM  | 3  | 1  | 24.06 | 24.33 | 24.32 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.99 | 24.35 | 24.28 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.21 | 23.31 | 23.34 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.29 | 23.26 | 23.18 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.26 | 23.30 | 23.29 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.25 | 23.40 | 23.30 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.29 | 23.25 | 23.20 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.29 | 23.26 | 23.26 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.31 | 23.41 | 23.33 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.29 | 22.28 | 22.21 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.18 | 20.23 | 20.26 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.08 | 20.08 | 19.95 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.09 | 20.33 | 20.29 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.19 | 20.26 | 20.27 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.05 | 20.18 | 20.00 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.10 | 20.37 | 20.32 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.17 | 20.20 | 19.99 | 20.7                |



&lt;LTE Band 5\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.56                    | 25.59                       | 25.55                     | 25.7                   |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.49                       | 25.50                     |                        |
| 10              | QPSK       | 1       | 49        | 25.34                    | 25.42                       | 25.44                     |                        |
| 10              | QPSK       | 25      | 0         | 24.59                    | 24.69                       | 24.57                     | 24.7                   |
| 10              | QPSK       | 25      | 12        | 24.57                    | 24.58                       | 24.68                     |                        |
| 10              | QPSK       | 25      | 25        | 24.45                    | 24.55                       | 24.59                     |                        |
| 10              | QPSK       | 50      | 0         | 24.57                    | 24.64                       | 24.64                     | 24.7                   |
| 10              | 16QAM      | 1       | 0         | 24.37                    | 24.61                       | 24.68                     |                        |
| 10              | 16QAM      | 1       | 25        | 24.36                    | 24.59                       | 24.62                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.32                    | 24.62                       | 24.52                     | 23.7                   |
| 10              | 16QAM      | 25      | 0         | 23.60                    | 23.63                       | 23.57                     |                        |
| 10              | 16QAM      | 25      | 12        | 23.55                    | 23.61                       | 23.61                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.44                    | 23.55                       | 23.57                     | 23.7                   |
| 10              | 16QAM      | 50      | 0         | 23.50                    | 23.61                       | 23.65                     |                        |
| 10              | 64QAM      | 1       | 0         | 23.61                    | 23.61                       | 23.55                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.59                    | 23.55                       | 23.53                     | 22.7                   |
| 10              | 64QAM      | 1       | 49        | 23.60                    | 23.69                       | 23.56                     |                        |
| 10              | 64QAM      | 25      | 0         | 22.65                    | 22.62                       | 22.58                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.64                       | 22.60                     | 20.7                   |
| 10              | 64QAM      | 25      | 25        | 22.48                    | 22.57                       | 22.57                     |                        |
| 10              | 64QAM      | 50      | 0         | 22.58                    | 22.57                       | 22.57                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.57                    | 20.61                       | 20.52                     | 20.7                   |
| 10              | 256QAM     | 1       | 25        | 20.39                    | 20.42                       | 20.28                     |                        |
| 10              | 256QAM     | 1       | 49        | 20.46                    | 20.65                       | 20.65                     | 20.7                   |
| 10              | 256QAM     | 25      | 0         | 20.44                    | 20.57                       | 20.37                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.35                    | 20.48                       | 20.28                     |                        |
| 10              | 256QAM     | 25      | 25        | 20.35                    | 20.46                       | 20.29                     | 20.7                   |
| 10              | 256QAM     | 50      | 0         | 20.48                    | 20.50                       | 20.37                     |                        |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.44                     | 25.7                   |
| 5               | QPSK       | 1       | 12        | 25.33                    | 25.29                       | 25.33                     |                        |
| 5               | QPSK       | 1       | 24        | 25.18                    | 25.26                       | 25.25                     |                        |
| 5               | QPSK       | 12      | 0         | 24.48                    | 24.54                       | 24.37                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.47                    | 24.38                       | 24.50                     |                        |
| 5               | QPSK       | 12      | 13        | 24.32                    | 24.45                       | 24.48                     |                        |
| 5               | QPSK       | 25      | 0         | 24.41                    | 24.48                       | 24.45                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.21                    | 24.48                       | 24.53                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.21                    | 24.42                       | 24.47                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.18                    | 24.48                       | 24.34                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.41                    | 23.48                       | 23.38                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.48                       | 23.47                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.33                    | 23.37                       | 23.46                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.36                    | 23.48                       | 23.54                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.45                    | 23.44                       | 23.39                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.46                    | 23.45                       | 23.33                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.40                    | 23.55                       | 23.43                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.53                    | 22.44                       | 22.39                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.35                    | 22.44                       | 22.50                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.32                    | 22.46                       | 22.39                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.46                    | 22.40                       | 22.41                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.47                    | 20.45                       | 20.38                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.21                    | 20.28                       | 20.09                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.27                    | 20.54                       | 20.51                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.24                    | 20.41                       | 20.25                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.18                    | 20.35                       | 20.13                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.24 | 20.29 | 20.19 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.34 | 20.39 | 20.21 |                     |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.42 | 25.49 | 25.41 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.34 | 25.36 | 25.32 |                     |
| 3               | QPSK   | 1  | 14 | 25.20 | 25.25 | 25.34 |                     |
| 3               | QPSK   | 8  | 0  | 24.48 | 24.56 | 24.42 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.41 | 24.42 | 24.52 |                     |
| 3               | QPSK   | 8  | 7  | 24.29 | 24.43 | 24.42 |                     |
| 3               | QPSK   | 15 | 0  | 24.39 | 24.51 | 24.45 |                     |
| 3               | 16QAM  | 1  | 0  | 24.25 | 24.46 | 24.57 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.18 | 24.42 | 24.50 |                     |
| 3               | 16QAM  | 1  | 14 | 24.15 | 24.50 | 24.39 |                     |
| 3               | 16QAM  | 8  | 0  | 23.47 | 23.48 | 23.47 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.42 | 23.49 | 23.44 |                     |
| 3               | 16QAM  | 8  | 7  | 23.34 | 23.35 | 23.39 |                     |
| 3               | 16QAM  | 15 | 0  | 23.38 | 23.44 | 23.51 |                     |
| 3               | 64QAM  | 1  | 0  | 23.45 | 23.41 | 23.41 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.47 | 23.44 | 23.40 |                     |
| 3               | 64QAM  | 1  | 14 | 23.45 | 23.57 | 23.41 |                     |
| 3               | 64QAM  | 8  | 0  | 22.55 | 22.49 | 22.47 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.39 | 22.44 | 22.48 |                     |
| 3               | 64QAM  | 8  | 7  | 22.35 | 22.41 | 22.37 |                     |
| 3               | 64QAM  | 15 | 0  | 22.45 | 22.47 | 22.37 |                     |
| 3               | 256QAM | 1  | 0  | 20.40 | 20.45 | 20.34 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.19 | 20.28 | 20.13 |                     |
| 3               | 256QAM | 1  | 14 | 20.33 | 20.51 | 20.49 |                     |
| 3               | 256QAM | 8  | 0  | 20.25 | 20.37 | 20.25 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.20 | 20.38 | 20.10 |                     |
| 3               | 256QAM | 8  | 7  | 20.23 | 20.27 | 20.09 |                     |
| 3               | 256QAM | 15 | 0  | 20.32 | 20.38 | 20.24 |                     |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.26 | 25.25 | 25.20 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.07 | 25.18 | 25.20 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.07 | 25.05 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.27 | 25.25 | 25.18 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.12 | 25.16 | 25.17 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.07 | 25.10 | 25.21 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.27 | 24.30 | 24.31 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 24.11 | 24.38 | 24.37 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 24.02 | 24.35 | 24.29 |                     |
| 1.4             | 16QAM  | 1  | 5  | 24.03 | 24.36 | 24.28 |                     |
| 1.4             | 16QAM  | 3  | 0  | 24.04 | 24.29 | 24.36 |                     |
| 1.4             | 16QAM  | 3  | 1  | 24.06 | 24.33 | 24.32 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.99 | 24.35 | 24.28 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.21 | 23.31 | 23.34 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.29 | 23.26 | 23.18 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.26 | 23.30 | 23.29 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.25 | 23.40 | 23.30 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.29 | 23.25 | 23.20 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.29 | 23.26 | 23.26 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.31 | 23.41 | 23.33 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.29 | 22.28 | 22.21 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.18 | 20.23 | 20.26 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.08 | 20.08 | 19.95 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.09 | 20.33 | 20.29 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.19 | 20.26 | 20.27 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.05 | 20.18 | 20.00 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.10 | 20.37 | 20.32 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.17 | 20.20 | 19.99 | 20.7                |



&lt;LTE Band 5\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.97                    | 23.05                       | 22.81                     | 23.5                   |
| 10              | QPSK       | 1       | 25        | 22.93                    | 22.84                       | 23.01                     |                        |
| 10              | QPSK       | 1       | 49        | 22.80                    | 22.89                       | 23.00                     |                        |
| 10              | QPSK       | 25      | 0         | 22.00                    | 22.13                       | 21.98                     | 22.5                   |
| 10              | QPSK       | 25      | 12        | 21.95                    | 21.86                       | 22.03                     |                        |
| 10              | QPSK       | 25      | 25        | 21.91                    | 21.86                       | 22.12                     |                        |
| 10              | QPSK       | 50      | 0         | 21.95                    | 21.92                       | 22.12                     | 22.5                   |
| 10              | 16QAM      | 1       | 0         | 22.25                    | 22.23                       | 22.12                     |                        |
| 10              | 16QAM      | 1       | 25        | 22.30                    | 22.16                       | 22.23                     |                        |
| 10              | 16QAM      | 1       | 49        | 22.18                    | 22.16                       | 22.33                     | 21.5                   |
| 10              | 16QAM      | 25      | 0         | 21.01                    | 20.86                       | 21.01                     |                        |
| 10              | 16QAM      | 25      | 12        | 20.97                    | 20.90                       | 21.04                     |                        |
| 10              | 16QAM      | 25      | 25        | 20.94                    | 20.85                       | 21.07                     | 21.5                   |
| 10              | 16QAM      | 50      | 0         | 20.93                    | 20.88                       | 21.11                     |                        |
| 10              | 64QAM      | 1       | 0         | 21.12                    | 21.09                       | 21.05                     |                        |
| 10              | 64QAM      | 1       | 25        | 21.07                    | 21.03                       | 21.25                     | 20.5                   |
| 10              | 64QAM      | 1       | 49        | 20.99                    | 21.13                       | 21.26                     |                        |
| 10              | 64QAM      | 25      | 0         | 19.97                    | 19.85                       | 19.97                     |                        |
| 10              | 64QAM      | 25      | 12        | 19.97                    | 19.89                       | 20.03                     | 20.5                   |
| 10              | 64QAM      | 25      | 25        | 19.92                    | 19.89                       | 20.12                     |                        |
| 10              | 64QAM      | 50      | 0         | 19.93                    | 19.89                       | 20.12                     |                        |
| 10              | 256QAM     | 1       | 0         | 17.91                    | 17.72                       | 17.90                     | 18.5                   |
| 10              | 256QAM     | 1       | 25        | 17.86                    | 17.82                       | 18.07                     |                        |
| 10              | 256QAM     | 1       | 49        | 17.91                    | 17.71                       | 17.98                     |                        |
| 10              | 256QAM     | 25      | 0         | 17.96                    | 17.88                       | 17.88                     | 18.5                   |
| 10              | 256QAM     | 25      | 12        | 17.79                    | 17.72                       | 18.02                     |                        |
| 10              | 256QAM     | 25      | 25        | 17.78                    | 17.69                       | 18.07                     |                        |
| 10              | 256QAM     | 50      | 0         | 17.68                    | 17.65                       | 18.00                     |                        |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.79                    | 22.87                       | 22.64                     | 23.5                   |
| 5               | QPSK       | 1       | 12        | 22.80                    | 22.66                       | 22.82                     |                        |
| 5               | QPSK       | 1       | 24        | 22.66                    | 22.69                       | 22.83                     |                        |
| 5               | QPSK       | 12      | 0         | 21.84                    | 21.99                       | 21.80                     | 22.5                   |
| 5               | QPSK       | 12      | 7         | 21.76                    | 21.71                       | 21.83                     |                        |
| 5               | QPSK       | 12      | 13        | 21.76                    | 21.74                       | 21.98                     |                        |
| 5               | QPSK       | 25      | 0         | 21.80                    | 21.81                       | 21.92                     | 22.5                   |
| 5               | 16QAM      | 1       | 0         | 22.07                    | 22.13                       | 22.01                     |                        |
| 5               | 16QAM      | 1       | 12        | 22.20                    | 22.05                       | 22.13                     |                        |
| 5               | 16QAM      | 1       | 24        | 22.01                    | 22.04                       | 22.23                     | 21.5                   |
| 5               | 16QAM      | 12      | 0         | 20.89                    | 20.76                       | 20.83                     |                        |
| 5               | 16QAM      | 12      | 7         | 20.81                    | 20.73                       | 20.90                     |                        |
| 5               | 16QAM      | 12      | 13        | 20.75                    | 20.68                       | 20.97                     | 21.5                   |
| 5               | 16QAM      | 25      | 0         | 20.82                    | 20.69                       | 20.94                     |                        |
| 5               | 64QAM      | 1       | 0         | 20.92                    | 20.96                       | 20.91                     |                        |
| 5               | 64QAM      | 1       | 12        | 20.97                    | 20.87                       | 21.11                     | 21.5                   |
| 5               | 64QAM      | 1       | 24        | 20.83                    | 20.98                       | 21.11                     |                        |
| 5               | 64QAM      | 12      | 0         | 19.83                    | 19.68                       | 19.87                     |                        |
| 5               | 64QAM      | 12      | 7         | 19.80                    | 19.70                       | 19.83                     | 20.5                   |
| 5               | 64QAM      | 12      | 13        | 19.81                    | 19.70                       | 20.00                     |                        |
| 5               | 64QAM      | 25      | 0         | 19.81                    | 19.77                       | 19.97                     |                        |
| 5               | 256QAM     | 1       | 0         | 17.75                    | 17.55                       | 17.71                     | 18.5                   |
| 5               | 256QAM     | 1       | 12        | 17.73                    | 17.67                       | 17.87                     |                        |
| 5               | 256QAM     | 1       | 24        | 17.75                    | 17.61                       | 17.88                     |                        |
| 5               | 256QAM     | 12      | 0         | 17.85                    | 17.75                       | 17.74                     | 18.5                   |
| 5               | 256QAM     | 12      | 7         | 17.67                    | 17.59                       | 17.83                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 17.58 | 17.57 | 17.95 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 17.54 | 17.52 | 17.88 |                     |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 22.85 | 22.85 | 22.71 | 23.5                |
| 3               | QPSK   | 1  | 8  | 22.78 | 22.69 | 22.82 |                     |
| 3               | QPSK   | 1  | 14 | 22.70 | 22.74 | 22.88 |                     |
| 3               | QPSK   | 8  | 0  | 21.87 | 22.03 | 21.84 | 22.5                |
| 3               | QPSK   | 8  | 4  | 21.84 | 21.69 | 21.92 |                     |
| 3               | QPSK   | 8  | 7  | 21.74 | 21.73 | 22.01 |                     |
| 3               | QPSK   | 15 | 0  | 21.75 | 21.74 | 21.93 |                     |
| 3               | 16QAM  | 1  | 0  | 22.09 | 22.13 | 21.94 | 22.5                |
| 3               | 16QAM  | 1  | 8  | 22.20 | 21.96 | 22.12 |                     |
| 3               | 16QAM  | 1  | 14 | 22.00 | 22.02 | 22.17 |                     |
| 3               | 16QAM  | 8  | 0  | 20.81 | 20.68 | 20.85 | 21.5                |
| 3               | 16QAM  | 8  | 4  | 20.85 | 20.75 | 20.93 |                     |
| 3               | 16QAM  | 8  | 7  | 20.74 | 20.74 | 20.87 |                     |
| 3               | 16QAM  | 15 | 0  | 20.77 | 20.75 | 21.00 |                     |
| 3               | 64QAM  | 1  | 0  | 20.97 | 20.97 | 20.90 | 21.5                |
| 3               | 64QAM  | 1  | 8  | 20.87 | 20.85 | 21.07 |                     |
| 3               | 64QAM  | 1  | 14 | 20.81 | 21.03 | 21.16 |                     |
| 3               | 64QAM  | 8  | 0  | 19.85 | 19.66 | 19.87 | 20.5                |
| 3               | 64QAM  | 8  | 4  | 19.84 | 19.74 | 19.87 |                     |
| 3               | 64QAM  | 8  | 7  | 19.78 | 19.78 | 19.96 |                     |
| 3               | 64QAM  | 15 | 0  | 19.77 | 19.70 | 19.96 |                     |
| 3               | 256QAM | 1  | 0  | 17.80 | 17.56 | 17.73 | 18.5                |
| 3               | 256QAM | 1  | 8  | 17.76 | 17.62 | 17.95 |                     |
| 3               | 256QAM | 1  | 14 | 17.78 | 17.54 | 17.78 |                     |
| 3               | 256QAM | 8  | 0  | 17.86 | 17.74 | 17.76 | 18.5                |
| 3               | 256QAM | 8  | 4  | 17.61 | 17.54 | 17.87 |                     |
| 3               | 256QAM | 8  | 7  | 17.66 | 17.50 | 17.96 |                     |
| 3               | 256QAM | 15 | 0  | 17.51 | 17.53 | 17.90 |                     |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 22.69 | 22.69 | 22.49 | 23.5                |
| 1.4             | QPSK   | 1  | 3  | 22.65 | 22.52 | 22.66 |                     |
| 1.4             | QPSK   | 1  | 5  | 22.49 | 22.59 | 22.71 |                     |
| 1.4             | QPSK   | 3  | 0  | 22.66 | 22.74 | 22.51 |                     |
| 1.4             | QPSK   | 3  | 1  | 22.71 | 22.58 | 22.66 |                     |
| 1.4             | QPSK   | 3  | 3  | 22.47 | 22.59 | 22.72 | 22.5                |
| 1.4             | QPSK   | 6  | 0  | 21.72 | 21.65 | 21.73 |                     |
| 1.4             | 16QAM  | 1  | 0  | 22.00 | 21.96 | 21.85 | 22.5                |
| 1.4             | 16QAM  | 1  | 3  | 21.97 | 21.87 | 21.96 |                     |
| 1.4             | 16QAM  | 1  | 5  | 21.93 | 21.79 | 21.98 |                     |
| 1.4             | 16QAM  | 3  | 0  | 22.03 | 21.96 | 21.88 |                     |
| 1.4             | 16QAM  | 3  | 1  | 22.04 | 21.86 | 21.98 |                     |
| 1.4             | 16QAM  | 3  | 3  | 21.89 | 21.86 | 22.02 | 21.5                |
| 1.4             | 16QAM  | 6  | 0  | 20.62 | 20.56 | 20.85 |                     |
| 1.4             | 64QAM  | 1  | 0  | 20.86 | 20.72 | 20.77 | 21.5                |
| 1.4             | 64QAM  | 1  | 3  | 20.79 | 20.66 | 20.96 |                     |
| 1.4             | 64QAM  | 1  | 5  | 20.63 | 20.85 | 20.99 |                     |
| 1.4             | 64QAM  | 3  | 0  | 20.84 | 20.74 | 20.83 |                     |
| 1.4             | 64QAM  | 3  | 1  | 20.73 | 20.70 | 20.94 |                     |
| 1.4             | 64QAM  | 3  | 3  | 20.63 | 20.85 | 21.04 | 20.5                |
| 1.4             | 64QAM  | 6  | 0  | 19.68 | 19.58 | 19.80 |                     |
| 1.4             | 256QAM | 1  | 0  | 17.68 | 17.36 | 17.65 | 18.5                |
| 1.4             | 256QAM | 1  | 3  | 17.55 | 17.51 | 17.78 |                     |
| 1.4             | 256QAM | 1  | 5  | 17.57 | 17.37 | 17.66 |                     |
| 1.4             | 256QAM | 3  | 0  | 17.67 | 17.32 | 17.68 |                     |
| 1.4             | 256QAM | 3  | 1  | 17.49 | 17.56 | 17.75 |                     |
| 1.4             | 256QAM | 3  | 3  | 17.55 | 17.36 | 17.66 | 18.5                |
| 1.4             | 256QAM | 6  | 0  | 17.39 | 17.30 | 17.68 |                     |



&lt;LTE Band 5\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20450                    | 20525                       | 20600                     |                        |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.97                    | 23.05                       | 22.81                     | 23.5                   |
| 10              | QPSK       | 1       | 25        | 22.93                    | 22.84                       | 23.01                     |                        |
| 10              | QPSK       | 1       | 49        | 22.80                    | 22.89                       | 23.00                     |                        |
| 10              | QPSK       | 25      | 0         | 22.00                    | 22.13                       | 21.98                     | 22.5                   |
| 10              | QPSK       | 25      | 12        | 21.95                    | 21.86                       | 22.03                     |                        |
| 10              | QPSK       | 25      | 25        | 21.91                    | 21.86                       | 22.12                     |                        |
| 10              | QPSK       | 50      | 0         | 21.95                    | 21.92                       | 22.12                     | 22.5                   |
| 10              | 16QAM      | 1       | 0         | 22.25                    | 22.23                       | 22.12                     |                        |
| 10              | 16QAM      | 1       | 25        | 22.30                    | 22.16                       | 22.23                     |                        |
| 10              | 16QAM      | 1       | 49        | 22.18                    | 22.16                       | 22.33                     | 21.5                   |
| 10              | 16QAM      | 25      | 0         | 21.01                    | 20.86                       | 21.01                     |                        |
| 10              | 16QAM      | 25      | 12        | 20.97                    | 20.90                       | 21.04                     |                        |
| 10              | 16QAM      | 25      | 25        | 20.94                    | 20.85                       | 21.07                     | 21.5                   |
| 10              | 16QAM      | 50      | 0         | 20.93                    | 20.88                       | 21.11                     |                        |
| 10              | 64QAM      | 1       | 0         | 21.12                    | 21.09                       | 21.05                     |                        |
| 10              | 64QAM      | 1       | 25        | 21.07                    | 21.03                       | 21.25                     | 20.5                   |
| 10              | 64QAM      | 1       | 49        | 20.99                    | 21.13                       | 21.26                     |                        |
| 10              | 64QAM      | 25      | 0         | 19.97                    | 19.85                       | 19.97                     |                        |
| 10              | 64QAM      | 25      | 12        | 19.97                    | 19.89                       | 20.03                     | 20.5                   |
| 10              | 64QAM      | 25      | 25        | 19.92                    | 19.89                       | 20.12                     |                        |
| 10              | 64QAM      | 50      | 0         | 19.93                    | 19.89                       | 20.12                     |                        |
| 10              | 256QAM     | 1       | 0         | 17.91                    | 17.72                       | 17.90                     | 18.5                   |
| 10              | 256QAM     | 1       | 25        | 17.86                    | 17.82                       | 18.07                     |                        |
| 10              | 256QAM     | 1       | 49        | 17.91                    | 17.71                       | 17.98                     |                        |
| 10              | 256QAM     | 25      | 0         | 17.96                    | 17.88                       | 17.88                     | 18.5                   |
| 10              | 256QAM     | 25      | 12        | 17.79                    | 17.72                       | 18.02                     |                        |
| 10              | 256QAM     | 25      | 25        | 17.78                    | 17.69                       | 18.07                     |                        |
| 10              | 256QAM     | 50      | 0         | 17.68                    | 17.65                       | 18.00                     |                        |
| Channel         |            |         |           | 20425                    | 20525                       | 20625                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | QPSK       | 1       | 0         | 22.79                    | 22.87                       | 22.64                     | 23.5                   |
| 5               | QPSK       | 1       | 12        | 22.80                    | 22.66                       | 22.82                     |                        |
| 5               | QPSK       | 1       | 24        | 22.66                    | 22.69                       | 22.83                     |                        |
| 5               | QPSK       | 12      | 0         | 21.84                    | 21.99                       | 21.80                     | 22.5                   |
| 5               | QPSK       | 12      | 7         | 21.76                    | 21.71                       | 21.83                     |                        |
| 5               | QPSK       | 12      | 13        | 21.76                    | 21.74                       | 21.98                     |                        |
| 5               | QPSK       | 25      | 0         | 21.80                    | 21.81                       | 21.92                     | 22.5                   |
| 5               | 16QAM      | 1       | 0         | 22.07                    | 22.13                       | 22.01                     |                        |
| 5               | 16QAM      | 1       | 12        | 22.20                    | 22.05                       | 22.13                     |                        |
| 5               | 16QAM      | 1       | 24        | 22.01                    | 22.04                       | 22.23                     | 21.5                   |
| 5               | 16QAM      | 12      | 0         | 20.89                    | 20.76                       | 20.83                     |                        |
| 5               | 16QAM      | 12      | 7         | 20.81                    | 20.73                       | 20.90                     |                        |
| 5               | 16QAM      | 12      | 13        | 20.75                    | 20.68                       | 20.97                     | 21.5                   |
| 5               | 16QAM      | 25      | 0         | 20.82                    | 20.69                       | 20.94                     |                        |
| 5               | 64QAM      | 1       | 0         | 20.92                    | 20.96                       | 20.91                     |                        |
| 5               | 64QAM      | 1       | 12        | 20.97                    | 20.87                       | 21.11                     | 20.5                   |
| 5               | 64QAM      | 1       | 24        | 20.83                    | 20.98                       | 21.11                     |                        |
| 5               | 64QAM      | 12      | 0         | 19.83                    | 19.68                       | 19.87                     |                        |
| 5               | 64QAM      | 12      | 7         | 19.80                    | 19.70                       | 19.83                     | 20.5                   |
| 5               | 64QAM      | 12      | 13        | 19.81                    | 19.70                       | 20.00                     |                        |
| 5               | 64QAM      | 25      | 0         | 19.81                    | 19.77                       | 19.97                     |                        |
| 5               | 256QAM     | 1       | 0         | 17.75                    | 17.55                       | 17.71                     | 18.5                   |
| 5               | 256QAM     | 1       | 12        | 17.73                    | 17.67                       | 17.87                     |                        |
| 5               | 256QAM     | 1       | 24        | 17.75                    | 17.61                       | 17.88                     |                        |
| 5               | 256QAM     | 12      | 0         | 17.85                    | 17.75                       | 17.74                     | 18.5                   |
| 5               | 256QAM     | 12      | 7         | 17.67                    | 17.59                       | 17.83                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 17.58 | 17.57 | 17.95 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 17.54 | 17.52 | 17.88 |                     |
| Channel         |        |    |    | 20415 | 20525 | 20635 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 825.5 | 836.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 22.85 | 22.85 | 22.71 | 23.5                |
| 3               | QPSK   | 1  | 8  | 22.78 | 22.69 | 22.82 |                     |
| 3               | QPSK   | 1  | 14 | 22.70 | 22.74 | 22.88 |                     |
| 3               | QPSK   | 8  | 0  | 21.87 | 22.03 | 21.84 | 22.5                |
| 3               | QPSK   | 8  | 4  | 21.84 | 21.69 | 21.92 |                     |
| 3               | QPSK   | 8  | 7  | 21.74 | 21.73 | 22.01 |                     |
| 3               | QPSK   | 15 | 0  | 21.75 | 21.74 | 21.93 |                     |
| 3               | 16QAM  | 1  | 0  | 22.09 | 22.13 | 21.94 | 22.5                |
| 3               | 16QAM  | 1  | 8  | 22.20 | 21.96 | 22.12 |                     |
| 3               | 16QAM  | 1  | 14 | 22.00 | 22.02 | 22.17 |                     |
| 3               | 16QAM  | 8  | 0  | 20.81 | 20.68 | 20.85 | 21.5                |
| 3               | 16QAM  | 8  | 4  | 20.85 | 20.75 | 20.93 |                     |
| 3               | 16QAM  | 8  | 7  | 20.74 | 20.74 | 20.87 |                     |
| 3               | 16QAM  | 15 | 0  | 20.77 | 20.75 | 21.00 |                     |
| 3               | 64QAM  | 1  | 0  | 20.97 | 20.97 | 20.90 | 21.5                |
| 3               | 64QAM  | 1  | 8  | 20.87 | 20.85 | 21.07 |                     |
| 3               | 64QAM  | 1  | 14 | 20.81 | 21.03 | 21.16 |                     |
| 3               | 64QAM  | 8  | 0  | 19.85 | 19.66 | 19.87 | 20.5                |
| 3               | 64QAM  | 8  | 4  | 19.84 | 19.74 | 19.87 |                     |
| 3               | 64QAM  | 8  | 7  | 19.78 | 19.78 | 19.96 |                     |
| 3               | 64QAM  | 15 | 0  | 19.77 | 19.70 | 19.96 |                     |
| 3               | 256QAM | 1  | 0  | 17.80 | 17.56 | 17.73 | 18.5                |
| 3               | 256QAM | 1  | 8  | 17.76 | 17.62 | 17.95 |                     |
| 3               | 256QAM | 1  | 14 | 17.78 | 17.54 | 17.78 |                     |
| 3               | 256QAM | 8  | 0  | 17.86 | 17.74 | 17.76 | 18.5                |
| 3               | 256QAM | 8  | 4  | 17.61 | 17.54 | 17.87 |                     |
| 3               | 256QAM | 8  | 7  | 17.66 | 17.50 | 17.96 |                     |
| 3               | 256QAM | 15 | 0  | 17.51 | 17.53 | 17.90 |                     |
| Channel         |        |    |    | 20407 | 20525 | 20643 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 824.7 | 836.5 | 848.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 22.69 | 22.69 | 22.49 | 23.5                |
| 1.4             | QPSK   | 1  | 3  | 22.65 | 22.52 | 22.66 |                     |
| 1.4             | QPSK   | 1  | 5  | 22.49 | 22.59 | 22.71 |                     |
| 1.4             | QPSK   | 3  | 0  | 22.66 | 22.74 | 22.51 |                     |
| 1.4             | QPSK   | 3  | 1  | 22.71 | 22.58 | 22.66 |                     |
| 1.4             | QPSK   | 3  | 3  | 22.47 | 22.59 | 22.72 | 22.5                |
| 1.4             | QPSK   | 6  | 0  | 21.72 | 21.65 | 21.73 |                     |
| 1.4             | 16QAM  | 1  | 0  | 22.00 | 21.96 | 21.85 | 22.5                |
| 1.4             | 16QAM  | 1  | 3  | 21.97 | 21.87 | 21.96 |                     |
| 1.4             | 16QAM  | 1  | 5  | 21.93 | 21.79 | 21.98 |                     |
| 1.4             | 16QAM  | 3  | 0  | 22.03 | 21.96 | 21.88 |                     |
| 1.4             | 16QAM  | 3  | 1  | 22.04 | 21.86 | 21.98 |                     |
| 1.4             | 16QAM  | 3  | 3  | 21.89 | 21.86 | 22.02 | 21.5                |
| 1.4             | 16QAM  | 6  | 0  | 20.62 | 20.56 | 20.85 |                     |
| 1.4             | 64QAM  | 1  | 0  | 20.86 | 20.72 | 20.77 | 21.5                |
| 1.4             | 64QAM  | 1  | 3  | 20.79 | 20.66 | 20.96 |                     |
| 1.4             | 64QAM  | 1  | 5  | 20.63 | 20.85 | 20.99 |                     |
| 1.4             | 64QAM  | 3  | 0  | 20.84 | 20.74 | 20.83 |                     |
| 1.4             | 64QAM  | 3  | 1  | 20.73 | 20.70 | 20.94 |                     |
| 1.4             | 64QAM  | 3  | 3  | 20.63 | 20.85 | 21.04 | 20.5                |
| 1.4             | 64QAM  | 6  | 0  | 19.68 | 19.58 | 19.80 |                     |
| 1.4             | 256QAM | 1  | 0  | 17.68 | 17.36 | 17.65 | 18.5                |
| 1.4             | 256QAM | 1  | 3  | 17.55 | 17.51 | 17.78 |                     |
| 1.4             | 256QAM | 1  | 5  | 17.57 | 17.37 | 17.66 |                     |
| 1.4             | 256QAM | 3  | 0  | 17.67 | 17.32 | 17.68 |                     |
| 1.4             | 256QAM | 3  | 1  | 17.49 | 17.56 | 17.75 |                     |
| 1.4             | 256QAM | 3  | 3  | 17.55 | 17.36 | 17.66 | 18.5                |
| 1.4             | 256QAM | 6  | 0  | 17.39 | 17.30 | 17.68 |                     |



&lt;LTE Band 7\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 25.24                    | 25.38                       | 25.31                     |                        |
| 20              | QPSK       | 1       | 49        | 25.16                    | 25.33                       | 25.27                     | 25.7                   |
| 20              | QPSK       | 1       | 99        | 25.26                    | 25.30                       | 25.26                     |                        |
| 20              | QPSK       | 50      | 0         | 24.32                    | 24.42                       | 24.23                     |                        |
| 20              | QPSK       | 50      | 24        | 24.25                    | 24.38                       | 24.20                     | 24.7                   |
| 20              | QPSK       | 50      | 50        | 24.31                    | 24.34                       | 24.20                     |                        |
| 20              | QPSK       | 100     | 0         | 24.36                    | 24.50                       | 24.33                     |                        |
| 20              | 16QAM      | 1       | 0         | 24.47                    | 24.51                       | 24.49                     | 24.7                   |
| 20              | 16QAM      | 1       | 49        | 24.47                    | 24.62                       | 24.50                     |                        |
| 20              | 16QAM      | 1       | 99        | 24.32                    | 24.45                       | 24.38                     |                        |
| 20              | 16QAM      | 50      | 0         | 23.17                    | 23.37                       | 23.33                     | 23.7                   |
| 20              | 16QAM      | 50      | 24        | 23.17                    | 23.26                       | 23.13                     |                        |
| 20              | 16QAM      | 50      | 50        | 23.20                    | 23.33                       | 23.31                     |                        |
| 20              | 16QAM      | 100     | 0         | 23.26                    | 23.32                       | 23.14                     | 23.7                   |
| 20              | 64QAM      | 1       | 0         | 23.38                    | 23.43                       | 23.31                     |                        |
| 20              | 64QAM      | 1       | 49        | 23.26                    | 23.44                       | 23.38                     |                        |
| 20              | 64QAM      | 1       | 99        | 23.22                    | 23.37                       | 23.17                     | 22.7                   |
| 20              | 64QAM      | 50      | 0         | 22.23                    | 22.37                       | 22.37                     |                        |
| 20              | 64QAM      | 50      | 24        | 22.29                    | 22.39                       | 22.21                     |                        |
| 20              | 64QAM      | 50      | 50        | 22.22                    | 22.34                       | 22.19                     | 20.7                   |
| 20              | 64QAM      | 100     | 0         | 22.26                    | 22.32                       | 22.29                     |                        |
| 20              | 256QAM     | 1       | 0         | 20.33                    | 20.46                       | 20.31                     |                        |
| 20              | 256QAM     | 1       | 49        | 20.37                    | 20.43                       | 20.36                     | 20.7                   |
| 20              | 256QAM     | 1       | 99        | 20.26                    | 20.38                       | 20.28                     |                        |
| 20              | 256QAM     | 50      | 0         | 20.35                    | 20.38                       | 20.33                     |                        |
| 20              | 256QAM     | 50      | 24        | 20.26                    | 20.44                       | 20.35                     | 20.7                   |
| 20              | 256QAM     | 50      | 50        | 20.20                    | 20.35                       | 20.35                     |                        |
| 20              | 256QAM     | 100     | 0         | 20.21                    | 20.36                       | 20.23                     |                        |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     |                        |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.14                    | 25.19                       | 25.15                     |                        |
| 15              | QPSK       | 1       | 37        | 25.02                    | 25.17                       | 25.09                     | 25.7                   |
| 15              | QPSK       | 1       | 74        | 25.11                    | 25.10                       | 25.10                     |                        |
| 15              | QPSK       | 36      | 0         | 24.16                    | 24.24                       | 24.05                     | 24.7                   |
| 15              | QPSK       | 36      | 20        | 24.15                    | 24.19                       | 24.06                     |                        |
| 15              | QPSK       | 36      | 39        | 24.11                    | 24.17                       | 24.09                     |                        |
| 15              | QPSK       | 75      | 0         | 24.22                    | 24.31                       | 24.23                     | 24.7                   |
| 15              | 16QAM      | 1       | 0         | 24.37                    | 24.41                       | 24.36                     |                        |
| 15              | 16QAM      | 1       | 37        | 24.34                    | 24.49                       | 24.39                     |                        |
| 15              | 16QAM      | 1       | 74        | 24.16                    | 24.26                       | 24.28                     | 23.7                   |
| 15              | 16QAM      | 36      | 0         | 23.02                    | 23.26                       | 23.13                     |                        |
| 15              | 16QAM      | 36      | 20        | 23.07                    | 23.06                       | 22.98                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.05                    | 23.18                       | 23.16                     | 23.7                   |
| 15              | 16QAM      | 75      | 0         | 23.14                    | 23.19                       | 22.95                     |                        |
| 15              | 64QAM      | 1       | 0         | 23.19                    | 23.29                       | 23.13                     |                        |
| 15              | 64QAM      | 1       | 37        | 23.07                    | 23.32                       | 23.27                     | 22.7                   |
| 15              | 64QAM      | 1       | 74        | 23.04                    | 23.25                       | 23.06                     |                        |
| 15              | 64QAM      | 36      | 0         | 22.03                    | 22.26                       | 22.27                     |                        |
| 15              | 64QAM      | 36      | 20        | 22.12                    | 22.25                       | 22.01                     | 20.7                   |
| 15              | 64QAM      | 36      | 39        | 22.03                    | 22.17                       | 22.08                     |                        |
| 15              | 64QAM      | 75      | 0         | 22.12                    | 22.21                       | 22.15                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.18                    | 20.32                       | 20.13                     | 20.7                   |
| 15              | 256QAM     | 1       | 37        | 20.25                    | 20.30                       | 20.16                     |                        |
| 15              | 256QAM     | 1       | 74        | 20.14                    | 20.22                       | 20.10                     |                        |
| 15              | 256QAM     | 36      | 0         | 20.15                    | 20.21                       | 20.15                     | 20.7                   |
| 15              | 256QAM     | 36      | 20        | 20.11                    | 20.24                       | 20.23                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 20.05  | 20.23 | 20.19  |                     |
| 15              | 256QAM | 75 | 0  | 20.10  | 20.20 | 20.10  |                     |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                     |
| 10              | QPSK   | 1  | 0  | 25.12  | 25.25 | 25.14  | 25.7                |
| 10              | QPSK   | 1  | 25 | 25.04  | 25.13 | 25.13  |                     |
| 10              | QPSK   | 1  | 49 | 25.15  | 25.11 | 25.16  |                     |
| 10              | QPSK   | 25 | 0  | 24.22  | 24.32 | 24.05  | 24.7                |
| 10              | QPSK   | 25 | 12 | 24.14  | 24.20 | 24.05  |                     |
| 10              | QPSK   | 25 | 25 | 24.12  | 24.23 | 24.09  |                     |
| 10              | QPSK   | 50 | 0  | 24.16  | 24.31 | 24.19  |                     |
| 10              | 16QAM  | 1  | 0  | 24.32  | 24.34 | 24.38  | 24.7                |
| 10              | 16QAM  | 1  | 25 | 24.37  | 24.47 | 24.38  |                     |
| 10              | 16QAM  | 1  | 49 | 24.15  | 24.32 | 24.24  |                     |
| 10              | 16QAM  | 25 | 0  | 23.03  | 23.26 | 23.17  | 23.7                |
| 10              | 16QAM  | 25 | 12 | 23.07  | 23.10 | 22.94  |                     |
| 10              | 16QAM  | 25 | 25 | 23.07  | 23.22 | 23.15  |                     |
| 10              | 16QAM  | 50 | 0  | 23.12  | 23.17 | 23.01  |                     |
| 10              | 64QAM  | 1  | 0  | 23.25  | 23.30 | 23.17  | 23.7                |
| 10              | 64QAM  | 1  | 25 | 23.14  | 23.31 | 23.28  |                     |
| 10              | 64QAM  | 1  | 49 | 23.11  | 23.23 | 23.04  |                     |
| 10              | 64QAM  | 25 | 0  | 22.06  | 22.17 | 22.17  | 22.7                |
| 10              | 64QAM  | 25 | 12 | 22.10  | 22.23 | 22.04  |                     |
| 10              | 64QAM  | 25 | 25 | 22.02  | 22.24 | 22.00  |                     |
| 10              | 64QAM  | 50 | 0  | 22.14  | 22.19 | 22.17  |                     |
| 10              | 256QAM | 1  | 0  | 20.21  | 20.30 | 20.21  | 20.7                |
| 10              | 256QAM | 1  | 25 | 20.25  | 20.33 | 20.25  |                     |
| 10              | 256QAM | 1  | 49 | 20.07  | 20.18 | 20.18  |                     |
| 10              | 256QAM | 25 | 0  | 20.18  | 20.24 | 20.17  | 20.7                |
| 10              | 256QAM | 25 | 12 | 20.14  | 20.25 | 20.19  |                     |
| 10              | 256QAM | 25 | 25 | 20.00  | 20.19 | 20.24  |                     |
| 10              | 256QAM | 50 | 0  | 20.10  | 20.23 | 20.09  |                     |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.11  | 25.18 | 25.18  | 25.7                |
| 5               | QPSK   | 1  | 12 | 24.99  | 25.17 | 25.17  |                     |
| 5               | QPSK   | 1  | 24 | 25.09  | 25.15 | 25.09  |                     |
| 5               | QPSK   | 12 | 0  | 24.13  | 24.28 | 24.13  | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.06  | 24.27 | 24.00  |                     |
| 5               | QPSK   | 12 | 13 | 24.21  | 24.24 | 24.00  |                     |
| 5               | QPSK   | 25 | 0  | 24.23  | 24.33 | 24.16  |                     |
| 5               | 16QAM  | 1  | 0  | 24.37  | 24.40 | 24.38  | 24.7                |
| 5               | 16QAM  | 1  | 12 | 24.31  | 24.49 | 24.38  |                     |
| 5               | 16QAM  | 1  | 24 | 24.22  | 24.32 | 24.24  |                     |
| 5               | 16QAM  | 12 | 0  | 23.02  | 23.24 | 23.21  | 23.7                |
| 5               | 16QAM  | 12 | 7  | 22.99  | 23.10 | 23.03  |                     |
| 5               | 16QAM  | 12 | 13 | 23.10  | 23.23 | 23.11  |                     |
| 5               | 16QAM  | 25 | 0  | 23.15  | 23.20 | 22.94  |                     |
| 5               | 64QAM  | 1  | 0  | 23.20  | 23.30 | 23.11  | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.15  | 23.33 | 23.18  |                     |
| 5               | 64QAM  | 1  | 24 | 23.11  | 23.27 | 23.00  |                     |
| 5               | 64QAM  | 12 | 0  | 22.05  | 22.19 | 22.23  | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.13  | 22.19 | 22.09  |                     |
| 5               | 64QAM  | 12 | 13 | 22.04  | 22.19 | 22.08  |                     |
| 5               | 64QAM  | 25 | 0  | 22.12  | 22.21 | 22.18  |                     |
| 5               | 256QAM | 1  | 0  | 20.13  | 20.32 | 20.15  | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.19  | 20.24 | 20.25  |                     |
| 5               | 256QAM | 1  | 24 | 20.08  | 20.28 | 20.15  |                     |
| 5               | 256QAM | 12 | 0  | 20.19  | 20.26 | 20.23  | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.07  | 20.26 | 20.21  |                     |
| 5               | 256QAM | 12 | 13 | 20.01  | 20.21 | 20.25  |                     |
| 5               | 256QAM | 25 | 0  | 20.03  | 20.22 | 20.12  |                     |



&lt;LTE Band 7\_Ant 5\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 23.39                    | 23.38                       | 23.25                     |                        |
| 20              | QPSK       | 1       | 49        | 23.16                    | 23.37                       | 23.30                     | 23.8                   |
| 20              | QPSK       | 1       | 99        | 23.13                    | 23.34                       | 23.27                     |                        |
| 20              | QPSK       | 50      | 0         | 22.45                    | 22.42                       | 22.33                     |                        |
| 20              | QPSK       | 50      | 24        | 22.20                    | 22.39                       | 22.42                     | 22.8                   |
| 20              | QPSK       | 50      | 50        | 22.23                    | 22.39                       | 22.35                     |                        |
| 20              | QPSK       | 100     | 0         | 22.16                    | 22.35                       | 22.36                     |                        |
| 20              | 16QAM      | 1       | 0         | 22.30                    | 22.51                       | 22.51                     | 22.8                   |
| 20              | 16QAM      | 1       | 49        | 22.40                    | 22.66                       | 22.66                     |                        |
| 20              | 16QAM      | 1       | 99        | 22.43                    | 22.68                       | 22.52                     |                        |
| 20              | 16QAM      | 50      | 0         | 21.09                    | 21.30                       | 21.35                     | 21.8                   |
| 20              | 16QAM      | 50      | 24        | 21.20                    | 21.43                       | 21.37                     |                        |
| 20              | 16QAM      | 50      | 50        | 21.21                    | 21.41                       | 21.40                     |                        |
| 20              | 16QAM      | 100     | 0         | 21.19                    | 21.40                       | 21.38                     | 21.8                   |
| 20              | 64QAM      | 1       | 0         | 21.22                    | 21.47                       | 21.43                     |                        |
| 20              | 64QAM      | 1       | 49        | 21.29                    | 21.58                       | 21.59                     |                        |
| 20              | 64QAM      | 1       | 99        | 21.40                    | 21.51                       | 21.44                     | 20.8                   |
| 20              | 64QAM      | 50      | 0         | 20.04                    | 20.30                       | 20.32                     |                        |
| 20              | 64QAM      | 50      | 24        | 20.24                    | 20.39                       | 20.38                     |                        |
| 20              | 64QAM      | 50      | 50        | 20.20                    | 20.36                       | 20.36                     | 18.8                   |
| 20              | 64QAM      | 100     | 0         | 20.17                    | 20.39                       | 20.36                     |                        |
| 20              | 256QAM     | 1       | 0         | 18.03                    | 18.11                       | 18.09                     |                        |
| 20              | 256QAM     | 1       | 49        | 17.93                    | 18.15                       | 18.09                     | 18.8                   |
| 20              | 256QAM     | 1       | 99        | 17.96                    | 18.12                       | 18.11                     |                        |
| 20              | 256QAM     | 50      | 0         | 17.99                    | 18.11                       | 18.11                     |                        |
| 20              | 256QAM     | 50      | 24        | 17.92                    | 18.13                       | 18.12                     | 18.8                   |
| 20              | 256QAM     | 50      | 50        | 17.89                    | 18.16                       | 18.15                     |                        |
| 20              | 256QAM     | 100     | 0         | 17.85                    | 18.11                       | 18.13                     |                        |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     |                        |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 23.23                    | 23.23                       | 23.11                     |                        |
| 15              | QPSK       | 1       | 37        | 22.98                    | 23.24                       | 23.12                     | 23.8                   |
| 15              | QPSK       | 1       | 74        | 23.03                    | 23.22                       | 23.13                     |                        |
| 15              | QPSK       | 36      | 0         | 22.30                    | 22.30                       | 22.16                     | 22.8                   |
| 15              | QPSK       | 36      | 20        | 22.02                    | 22.19                       | 22.24                     |                        |
| 15              | QPSK       | 36      | 39        | 22.03                    | 22.20                       | 22.23                     |                        |
| 15              | QPSK       | 75      | 0         | 22.02                    | 22.18                       | 22.23                     | 22.8                   |
| 15              | 16QAM      | 1       | 0         | 22.12                    | 22.41                       | 22.34                     |                        |
| 15              | 16QAM      | 1       | 37        | 22.29                    | 22.54                       | 22.47                     |                        |
| 15              | 16QAM      | 1       | 74        | 22.24                    | 22.54                       | 22.39                     | 21.8                   |
| 15              | 16QAM      | 36      | 0         | 20.98                    | 21.16                       | 21.20                     |                        |
| 15              | 16QAM      | 36      | 20        | 21.09                    | 21.31                       | 21.19                     |                        |
| 15              | 16QAM      | 36      | 39        | 21.11                    | 21.22                       | 21.23                     | 21.8                   |
| 15              | 16QAM      | 75      | 0         | 21.01                    | 21.27                       | 21.18                     |                        |
| 15              | 64QAM      | 1       | 0         | 21.08                    | 21.36                       | 21.26                     |                        |
| 15              | 64QAM      | 1       | 37        | 21.11                    | 21.46                       | 21.42                     | 20.8                   |
| 15              | 64QAM      | 1       | 74        | 21.28                    | 21.32                       | 21.26                     |                        |
| 15              | 64QAM      | 36      | 0         | 19.91                    | 20.19                       | 20.22                     |                        |
| 15              | 64QAM      | 36      | 20        | 20.09                    | 20.19                       | 20.20                     | 18.8                   |
| 15              | 64QAM      | 36      | 39        | 20.10                    | 20.26                       | 20.25                     |                        |
| 15              | 64QAM      | 75      | 0         | 20.02                    | 20.29                       | 20.23                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.88                    | 17.97                       | 17.91                     | 18.8                   |
| 15              | 256QAM     | 1       | 37        | 17.80                    | 18.00                       | 17.97                     |                        |
| 15              | 256QAM     | 1       | 74        | 17.85                    | 18.00                       | 18.00                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.84                    | 17.98                       | 18.00                     | 18.8                   |
| 15              | 256QAM     | 36      | 20        | 17.79                    | 17.97                       | 17.96                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 17.74  | 17.96 | 17.97  |                     |
| 15              | 256QAM | 75 | 0  | 17.68  | 18.00 | 17.99  |                     |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                     |
| 10              | QPSK   | 1  | 0  | 23.23  | 23.28 | 23.07  | 23.8                |
| 10              | QPSK   | 1  | 25 | 23.03  | 23.25 | 23.12  |                     |
| 10              | QPSK   | 1  | 49 | 23.03  | 23.22 | 23.16  |                     |
| 10              | QPSK   | 25 | 0  | 22.32  | 22.32 | 22.15  | 22.8                |
| 10              | QPSK   | 25 | 12 | 22.07  | 22.23 | 22.25  |                     |
| 10              | QPSK   | 25 | 25 | 22.05  | 22.25 | 22.15  |                     |
| 10              | QPSK   | 50 | 0  | 22.00  | 22.20 | 22.19  |                     |
| 10              | 16QAM  | 1  | 0  | 22.14  | 22.38 | 22.39  | 22.8                |
| 10              | 16QAM  | 1  | 25 | 22.21  | 22.46 | 22.50  |                     |
| 10              | 16QAM  | 1  | 49 | 22.24  | 22.53 | 22.42  |                     |
| 10              | 16QAM  | 25 | 0  | 20.98  | 21.12 | 21.24  | 21.8                |
| 10              | 16QAM  | 25 | 12 | 21.04  | 21.23 | 21.17  |                     |
| 10              | 16QAM  | 25 | 25 | 21.06  | 21.25 | 21.30  |                     |
| 10              | 16QAM  | 50 | 0  | 21.07  | 21.25 | 21.27  |                     |
| 10              | 64QAM  | 1  | 0  | 21.08  | 21.35 | 21.29  | 21.8                |
| 10              | 64QAM  | 1  | 25 | 21.17  | 21.46 | 21.48  |                     |
| 10              | 64QAM  | 1  | 49 | 21.29  | 21.33 | 21.32  |                     |
| 10              | 64QAM  | 25 | 0  | 19.91  | 20.14 | 20.16  | 20.8                |
| 10              | 64QAM  | 25 | 12 | 20.04  | 20.28 | 20.22  |                     |
| 10              | 64QAM  | 25 | 25 | 20.05  | 20.26 | 20.21  |                     |
| 10              | 64QAM  | 50 | 0  | 20.03  | 20.29 | 20.21  |                     |
| 10              | 256QAM | 1  | 0  | 17.84  | 17.98 | 17.92  | 18.8                |
| 10              | 256QAM | 1  | 25 | 17.76  | 18.04 | 17.99  |                     |
| 10              | 256QAM | 1  | 49 | 17.80  | 18.01 | 17.96  |                     |
| 10              | 256QAM | 25 | 0  | 17.83  | 18.00 | 17.91  | 18.8                |
| 10              | 256QAM | 25 | 12 | 17.77  | 17.97 | 18.01  |                     |
| 10              | 256QAM | 25 | 25 | 17.71  | 18.02 | 18.05  |                     |
| 10              | 256QAM | 50 | 0  | 17.74  | 17.94 | 17.93  |                     |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                     |
| 5               | QPSK   | 1  | 0  | 23.22  | 23.26 | 23.11  | 23.8                |
| 5               | QPSK   | 1  | 12 | 22.96  | 23.23 | 23.11  |                     |
| 5               | QPSK   | 1  | 24 | 22.93  | 23.15 | 23.10  |                     |
| 5               | QPSK   | 12 | 0  | 22.31  | 22.30 | 22.18  | 22.8                |
| 5               | QPSK   | 12 | 7  | 22.07  | 22.25 | 22.30  |                     |
| 5               | QPSK   | 12 | 13 | 22.04  | 22.20 | 22.24  |                     |
| 5               | QPSK   | 25 | 0  | 21.97  | 22.16 | 22.20  |                     |
| 5               | 16QAM  | 1  | 0  | 22.12  | 22.40 | 22.37  | 22.8                |
| 5               | 16QAM  | 1  | 12 | 22.22  | 22.54 | 22.52  |                     |
| 5               | 16QAM  | 1  | 24 | 22.25  | 22.58 | 22.39  |                     |
| 5               | 16QAM  | 12 | 0  | 20.92  | 21.15 | 21.22  | 21.8                |
| 5               | 16QAM  | 12 | 7  | 21.09  | 21.33 | 21.24  |                     |
| 5               | 16QAM  | 12 | 13 | 21.03  | 21.28 | 21.23  |                     |
| 5               | 16QAM  | 25 | 0  | 21.07  | 21.23 | 21.21  |                     |
| 5               | 64QAM  | 1  | 0  | 21.04  | 21.36 | 21.27  | 21.8                |
| 5               | 64QAM  | 1  | 12 | 21.13  | 21.40 | 21.42  |                     |
| 5               | 64QAM  | 1  | 24 | 21.26  | 21.38 | 21.33  |                     |
| 5               | 64QAM  | 12 | 0  | 19.90  | 20.15 | 20.21  | 20.8                |
| 5               | 64QAM  | 12 | 7  | 20.12  | 20.28 | 20.18  |                     |
| 5               | 64QAM  | 12 | 13 | 20.07  | 20.21 | 20.20  |                     |
| 5               | 64QAM  | 25 | 0  | 20.05  | 20.23 | 20.22  |                     |
| 5               | 256QAM | 1  | 0  | 17.83  | 17.95 | 17.92  | 18.8                |
| 5               | 256QAM | 1  | 12 | 17.75  | 18.03 | 17.95  |                     |
| 5               | 256QAM | 1  | 24 | 17.85  | 17.94 | 17.95  |                     |
| 5               | 256QAM | 12 | 0  | 17.85  | 17.92 | 17.93  | 18.8                |
| 5               | 256QAM | 12 | 7  | 17.80  | 17.97 | 17.94  |                     |
| 5               | 256QAM | 12 | 13 | 17.77  | 17.97 | 17.97  |                     |
| 5               | 256QAM | 25 | 0  | 17.68  | 17.96 | 17.93  |                     |



&lt;LTE Band 7\_Ant 5\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 20850                    | 21100                       | 21350                     |                        |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | QPSK       | 1       | 0         | 21.63                    | 21.97                       | 21.82                     |                        |
| 20              | QPSK       | 1       | 49        | 21.76                    | 21.90                       | 21.89                     | 22.5                   |
| 20              | QPSK       | 1       | 99        | 21.86                    | 21.91                       | 21.93                     |                        |
| 20              | QPSK       | 50      | 0         | 20.73                    | 21.02                       | 20.90                     |                        |
| 20              | QPSK       | 50      | 24        | 20.87                    | 21.02                       | 20.95                     | 21.5                   |
| 20              | QPSK       | 50      | 50        | 20.90                    | 21.01                       | 20.95                     |                        |
| 20              | QPSK       | 100     | 0         | 20.89                    | 21.02                       | 20.96                     |                        |
| 20              | 16QAM      | 1       | 0         | 20.98                    | 21.09                       | 21.11                     | 21.5                   |
| 20              | 16QAM      | 1       | 49        | 21.08                    | 21.25                       | 21.16                     |                        |
| 20              | 16QAM      | 1       | 99        | 21.10                    | 21.21                       | 21.23                     |                        |
| 20              | 16QAM      | 50      | 0         | 19.71                    | 19.86                       | 19.94                     | 20.5                   |
| 20              | 16QAM      | 50      | 24        | 19.86                    | 20.02                       | 19.99                     |                        |
| 20              | 16QAM      | 50      | 50        | 19.90                    | 20.03                       | 19.94                     |                        |
| 20              | 16QAM      | 100     | 0         | 19.87                    | 19.95                       | 19.95                     | 20.5                   |
| 20              | 64QAM      | 1       | 0         | 20.03                    | 19.97                       | 19.95                     |                        |
| 20              | 64QAM      | 1       | 49        | 19.93                    | 20.00                       | 20.03                     |                        |
| 20              | 64QAM      | 1       | 99        | 19.92                    | 20.09                       | 20.07                     | 19.5                   |
| 20              | 64QAM      | 50      | 0         | 18.74                    | 18.88                       | 18.95                     |                        |
| 20              | 64QAM      | 50      | 24        | 18.88                    | 19.04                       | 18.94                     |                        |
| 20              | 64QAM      | 50      | 50        | 18.92                    | 19.04                       | 18.91                     | 17.5                   |
| 20              | 64QAM      | 100     | 0         | 18.87                    | 18.97                       | 18.95                     |                        |
| 20              | 256QAM     | 1       | 0         | 16.67                    | 16.81                       | 16.71                     |                        |
| 20              | 256QAM     | 1       | 49        | 16.69                    | 16.79                       | 16.69                     | 17.5                   |
| 20              | 256QAM     | 1       | 99        | 16.66                    | 16.71                       | 16.72                     |                        |
| 20              | 256QAM     | 50      | 0         | 16.59                    | 16.80                       | 16.70                     |                        |
| 20              | 256QAM     | 50      | 24        | 16.67                    | 16.77                       | 16.70                     | 17.5                   |
| 20              | 256QAM     | 50      | 50        | 16.65                    | 16.69                       | 16.69                     |                        |
| 20              | 256QAM     | 100     | 0         | 16.56                    | 16.52                       | 16.55                     |                        |
| Channel         |            |         |           | 20825                    | 21100                       | 21375                     |                        |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.48                    | 21.77                       | 21.68                     |                        |
| 15              | QPSK       | 1       | 37        | 21.63                    | 21.77                       | 21.78                     | 22.5                   |
| 15              | QPSK       | 1       | 74        | 21.66                    | 21.78                       | 21.75                     |                        |
| 15              | QPSK       | 36      | 0         | 20.58                    | 20.84                       | 20.74                     |                        |
| 15              | QPSK       | 36      | 20        | 20.70                    | 20.83                       | 20.79                     | 21.5                   |
| 15              | QPSK       | 36      | 39        | 20.71                    | 20.87                       | 20.84                     |                        |
| 15              | QPSK       | 75      | 0         | 20.74                    | 20.83                       | 20.77                     |                        |
| 15              | 16QAM      | 1       | 0         | 20.79                    | 20.91                       | 20.94                     | 21.5                   |
| 15              | 16QAM      | 1       | 37        | 20.89                    | 21.05                       | 20.98                     |                        |
| 15              | 16QAM      | 1       | 74        | 20.93                    | 21.08                       | 21.07                     |                        |
| 15              | 16QAM      | 36      | 0         | 19.56                    | 19.70                       | 19.75                     | 20.5                   |
| 15              | 16QAM      | 36      | 20        | 19.68                    | 19.88                       | 19.87                     |                        |
| 15              | 16QAM      | 36      | 39        | 19.76                    | 19.89                       | 19.84                     |                        |
| 15              | 16QAM      | 75      | 0         | 19.73                    | 19.84                       | 19.83                     | 20.5                   |
| 15              | 64QAM      | 1       | 0         | 19.83                    | 19.82                       | 19.85                     |                        |
| 15              | 64QAM      | 1       | 37        | 19.76                    | 19.84                       | 19.85                     |                        |
| 15              | 64QAM      | 1       | 74        | 19.80                    | 19.97                       | 19.96                     | 19.5                   |
| 15              | 64QAM      | 36      | 0         | 18.57                    | 18.73                       | 18.82                     |                        |
| 15              | 64QAM      | 36      | 20        | 18.78                    | 18.92                       | 18.80                     |                        |
| 15              | 64QAM      | 36      | 39        | 18.74                    | 18.84                       | 18.74                     | 17.5                   |
| 15              | 64QAM      | 75      | 0         | 18.74                    | 18.79                       | 18.82                     |                        |
| 15              | 256QAM     | 1       | 0         | 16.57                    | 16.63                       | 16.61                     |                        |
| 15              | 256QAM     | 1       | 37        | 16.59                    | 16.67                       | 16.55                     | 17.5                   |
| 15              | 256QAM     | 1       | 74        | 16.56                    | 16.55                       | 16.57                     |                        |
| 15              | 256QAM     | 36      | 0         | 16.43                    | 16.60                       | 16.52                     |                        |
| 15              | 256QAM     | 36      | 20        | 16.51                    | 16.63                       | 16.60                     |                        |



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|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 16.53  | 16.52 | 16.56  |                     |
| 15              | 256QAM | 75 | 0  | 16.39  | 16.33 | 16.37  |                     |
| Channel         |        |    |    | 20800  | 21100 | 21400  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2505   | 2535  | 2565   |                     |
| 10              | QPSK   | 1  | 0  | 21.53  | 21.82 | 21.63  | 22.5                |
| 10              | QPSK   | 1  | 25 | 21.62  | 21.71 | 21.73  |                     |
| 10              | QPSK   | 1  | 49 | 21.67  | 21.72 | 21.73  |                     |
| 10              | QPSK   | 25 | 0  | 20.54  | 20.82 | 20.75  | 21.5                |
| 10              | QPSK   | 25 | 12 | 20.69  | 20.84 | 20.76  |                     |
| 10              | QPSK   | 25 | 25 | 20.73  | 20.89 | 20.75  |                     |
| 10              | QPSK   | 50 | 0  | 20.73  | 20.83 | 20.86  |                     |
| 10              | 16QAM  | 1  | 0  | 20.86  | 20.93 | 20.93  | 21.5                |
| 10              | 16QAM  | 1  | 25 | 20.94  | 21.11 | 21.02  |                     |
| 10              | 16QAM  | 1  | 49 | 20.92  | 21.06 | 21.05  |                     |
| 10              | 16QAM  | 25 | 0  | 19.56  | 19.76 | 19.81  | 20.5                |
| 10              | 16QAM  | 25 | 12 | 19.75  | 19.88 | 19.83  |                     |
| 10              | 16QAM  | 25 | 25 | 19.70  | 19.93 | 19.84  |                     |
| 10              | 16QAM  | 50 | 0  | 19.74  | 19.85 | 19.78  |                     |
| 10              | 64QAM  | 1  | 0  | 19.85  | 19.83 | 19.80  | 20.5                |
| 10              | 64QAM  | 1  | 25 | 19.74  | 19.88 | 19.93  |                     |
| 10              | 64QAM  | 1  | 49 | 19.80  | 19.91 | 19.93  |                     |
| 10              | 64QAM  | 25 | 0  | 18.61  | 18.72 | 18.77  | 19.5                |
| 10              | 64QAM  | 25 | 12 | 18.78  | 18.87 | 18.78  |                     |
| 10              | 64QAM  | 25 | 25 | 18.75  | 18.87 | 18.74  |                     |
| 10              | 64QAM  | 50 | 0  | 18.75  | 18.85 | 18.85  |                     |
| 10              | 256QAM | 1  | 0  | 16.49  | 16.62 | 16.52  | 17.5                |
| 10              | 256QAM | 1  | 25 | 16.54  | 16.68 | 16.58  |                     |
| 10              | 256QAM | 1  | 49 | 16.54  | 16.51 | 16.56  |                     |
| 10              | 256QAM | 25 | 0  | 16.39  | 16.65 | 16.54  | 17.5                |
| 10              | 256QAM | 25 | 12 | 16.49  | 16.57 | 16.56  |                     |
| 10              | 256QAM | 25 | 25 | 16.55  | 16.57 | 16.49  |                     |
| 10              | 256QAM | 50 | 0  | 16.43  | 16.40 | 16.37  |                     |
| Channel         |        |    |    | 20775  | 21100 | 21425  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2502.5 | 2535  | 2567.5 |                     |
| 5               | QPSK   | 1  | 0  | 21.49  | 21.77 | 21.71  | 22.5                |
| 5               | QPSK   | 1  | 12 | 21.66  | 21.80 | 21.70  |                     |
| 5               | QPSK   | 1  | 24 | 21.66  | 21.78 | 21.83  |                     |
| 5               | QPSK   | 12 | 0  | 20.53  | 20.86 | 20.71  | 21.5                |
| 5               | QPSK   | 12 | 7  | 20.73  | 20.89 | 20.84  |                     |
| 5               | QPSK   | 12 | 13 | 20.78  | 20.82 | 20.83  |                     |
| 5               | QPSK   | 25 | 0  | 20.71  | 20.90 | 20.77  |                     |
| 5               | 16QAM  | 1  | 0  | 20.80  | 20.89 | 20.94  | 21.5                |
| 5               | 16QAM  | 1  | 12 | 20.88  | 21.07 | 21.02  |                     |
| 5               | 16QAM  | 1  | 24 | 20.90  | 21.10 | 21.07  |                     |
| 5               | 16QAM  | 12 | 0  | 19.57  | 19.71 | 19.82  | 20.5                |
| 5               | 16QAM  | 12 | 7  | 19.71  | 19.90 | 19.83  |                     |
| 5               | 16QAM  | 12 | 13 | 19.72  | 19.92 | 19.82  |                     |
| 5               | 16QAM  | 25 | 0  | 19.77  | 19.76 | 19.82  |                     |
| 5               | 64QAM  | 1  | 0  | 19.92  | 19.77 | 19.85  | 20.5                |
| 5               | 64QAM  | 1  | 12 | 19.83  | 19.82 | 19.83  |                     |
| 5               | 64QAM  | 1  | 24 | 19.75  | 19.97 | 19.93  |                     |
| 5               | 64QAM  | 12 | 0  | 18.63  | 18.76 | 18.76  | 19.5                |
| 5               | 64QAM  | 12 | 7  | 18.68  | 18.92 | 18.83  |                     |
| 5               | 64QAM  | 12 | 13 | 18.80  | 18.86 | 18.78  |                     |
| 5               | 64QAM  | 25 | 0  | 18.77  | 18.78 | 18.85  |                     |
| 5               | 256QAM | 1  | 0  | 16.50  | 16.62 | 16.60  | 17.5                |
| 5               | 256QAM | 1  | 12 | 16.59  | 16.65 | 16.57  |                     |
| 5               | 256QAM | 1  | 24 | 16.53  | 16.60 | 16.52  |                     |
| 5               | 256QAM | 12 | 0  | 16.44  | 16.64 | 16.56  | 17.5                |
| 5               | 256QAM | 12 | 7  | 16.50  | 16.66 | 16.56  |                     |
| 5               | 256QAM | 12 | 13 | 16.49  | 16.52 | 16.58  |                     |
| 5               | 256QAM | 25 | 0  | 16.45  | 16.39 | 16.42  |                     |



&lt;LTE Band 12\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.47                    | 25.53                       | 25.46                     |                        |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.39                       | 25.32                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.29                    | 25.35                       | 25.32                     |                        |
| 10              | QPSK       | 25      | 0         | 24.57                    | 24.58                       | 24.50                     |                        |
| 10              | QPSK       | 25      | 12        | 24.48                    | 24.53                       | 24.52                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.39                    | 24.52                       | 24.50                     |                        |
| 10              | QPSK       | 50      | 0         | 24.54                    | 24.53                       | 24.51                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.29                    | 24.59                       | 24.51                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.20                    | 24.56                       | 24.59                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.21                    | 24.57                       | 24.62                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.52                    | 23.53                       | 23.55                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.51                    | 23.52                       | 23.52                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.37                    | 23.47                       | 23.55                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.43                    | 23.51                       | 23.57                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.50                    | 23.58                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.52                    | 23.64                       | 23.53                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.49                    | 23.65                       | 23.62                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.56                    | 22.54                       | 22.49                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.54                       | 22.47                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.35                    | 22.49                       | 22.47                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.45                    | 22.47                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.52                    | 20.50                       | 20.47                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.58                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.43                    | 20.44                       | 20.38                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.31                    | 20.38                       | 20.26                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.33                    | 20.47                       | 20.47                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.34                    | 20.46                       | 20.45                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.49                       | 20.37                     |                        |
| Channel         |            |         |           | 23035                    | 23095                       | 23155                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.30                    | 25.43                       | 25.26                     |                        |
| 5               | QPSK       | 1       | 12        | 25.31                    | 25.19                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.19                    | 25.18                       | 25.13                     |                        |
| 5               | QPSK       | 12      | 0         | 24.47                    | 24.42                       | 24.36                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.40                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 13        | 24.26                    | 24.38                       | 24.30                     |                        |
| 5               | QPSK       | 25      | 0         | 24.42                    | 24.39                       | 24.34                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.11                    | 24.43                       | 24.36                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.06                    | 24.39                       | 24.45                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.03                    | 24.44                       | 24.48                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.40                    | 23.38                       | 23.35                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.40                       | 23.41                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.24                    | 23.37                       | 23.40                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.32                    | 23.39                       | 23.42                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.32                    | 23.43                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.32                    | 23.53                       | 23.35                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.38                    | 23.49                       | 23.50                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.42                    | 22.43                       | 22.29                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.38                    | 22.41                       | 22.31                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.18                    | 22.35                       | 22.34                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.25                    | 22.35                       | 22.37                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.34                    | 20.37                       | 20.31                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.27                    | 20.47                       | 20.21                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.26                    | 20.30                       | 20.21                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.18                    | 20.28                       | 20.07                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.17                    | 20.35                       | 20.28                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.17 | 20.30 | 20.31 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.27 | 20.30 | 20.26 |                     |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.34 | 25.37 | 25.30 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.33 | 25.20 | 25.21 |                     |
| 3               | QPSK   | 1  | 14 | 25.09 | 25.20 | 25.13 |                     |
| 3               | QPSK   | 8  | 0  | 24.37 | 24.40 | 24.35 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.32 | 24.33 | 24.35 |                     |
| 3               | QPSK   | 8  | 7  | 24.24 | 24.36 | 24.38 |                     |
| 3               | QPSK   | 15 | 0  | 24.40 | 24.35 | 24.39 |                     |
| 3               | 16QAM  | 1  | 0  | 24.10 | 24.40 | 24.38 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.06 | 24.45 | 24.43 |                     |
| 3               | 16QAM  | 1  | 14 | 24.02 | 24.41 | 24.44 |                     |
| 3               | 16QAM  | 8  | 0  | 23.36 | 23.40 | 23.40 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.41 | 23.38 | 23.36 |                     |
| 3               | 16QAM  | 8  | 7  | 23.24 | 23.33 | 23.37 |                     |
| 3               | 16QAM  | 15 | 0  | 23.26 | 23.36 | 23.42 |                     |
| 3               | 64QAM  | 1  | 0  | 23.33 | 23.42 | 23.37 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.35 | 23.53 | 23.41 |                     |
| 3               | 64QAM  | 1  | 14 | 23.36 | 23.46 | 23.45 |                     |
| 3               | 64QAM  | 8  | 0  | 22.44 | 22.40 | 22.39 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.38 | 22.39 | 22.36 |                     |
| 3               | 64QAM  | 8  | 7  | 22.16 | 22.39 | 22.29 |                     |
| 3               | 64QAM  | 15 | 0  | 22.25 | 22.28 | 22.32 |                     |
| 3               | 256QAM | 1  | 0  | 20.35 | 20.37 | 20.37 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.44 | 20.27 |                     |
| 3               | 256QAM | 1  | 14 | 20.32 | 20.28 | 20.28 |                     |
| 3               | 256QAM | 8  | 0  | 20.20 | 20.28 | 20.15 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.16 | 20.35 | 20.31 |                     |
| 3               | 256QAM | 8  | 7  | 20.19 | 20.32 | 20.30 |                     |
| 3               | 256QAM | 15 | 0  | 20.29 | 20.37 | 20.17 |                     |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.18 | 25.17 | 25.15 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.20 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.00 | 25.04 | 25.03 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.19 | 25.16 | 25.15 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.19 | 25.11 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.06 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.26 | 24.18 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 23.98 | 24.37 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 23.90 | 24.31 | 24.26 |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.90 | 24.19 | 24.37 |                     |
| 1.4             | 16QAM  | 3  | 0  | 23.97 | 24.37 | 24.27 |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.83 | 24.31 | 24.24 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.88 | 24.29 | 24.37 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.17 | 23.18 | 23.21 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.19 | 23.24 | 23.24 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.28 | 23.34 | 23.14 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.17 | 23.29 | 23.24 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.24 | 23.25 | 23.22 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.22 | 23.29 | 23.14 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.21 | 23.37 | 23.26 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.21 | 22.15 | 22.20 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.25 | 20.21 | 20.17 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.06 | 20.29 | 20.17 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.16 | 20.19 | 20.08 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.20 | 20.26 | 20.10 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.13 | 20.34 | 20.20 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.15 | 20.18 | 20.04 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.18 | 20.27 | 20.13 | 20.7                |



&lt;LTE Band 12\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.47                    | 25.53                       | 25.46                     |                        |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.39                       | 25.32                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.29                    | 25.35                       | 25.32                     |                        |
| 10              | QPSK       | 25      | 0         | 24.57                    | 24.58                       | 24.50                     |                        |
| 10              | QPSK       | 25      | 12        | 24.48                    | 24.53                       | 24.52                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.39                    | 24.52                       | 24.50                     |                        |
| 10              | QPSK       | 50      | 0         | 24.54                    | 24.53                       | 24.51                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.29                    | 24.59                       | 24.51                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.20                    | 24.56                       | 24.59                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.21                    | 24.57                       | 24.62                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.52                    | 23.53                       | 23.55                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.51                    | 23.52                       | 23.52                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.37                    | 23.47                       | 23.55                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.43                    | 23.51                       | 23.57                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.50                    | 23.58                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.52                    | 23.64                       | 23.53                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.49                    | 23.65                       | 23.62                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.56                    | 22.54                       | 22.49                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.54                       | 22.47                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.35                    | 22.49                       | 22.47                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.45                    | 22.47                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.52                    | 20.50                       | 20.47                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.58                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.43                    | 20.44                       | 20.38                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.31                    | 20.38                       | 20.26                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.33                    | 20.47                       | 20.47                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.34                    | 20.46                       | 20.45                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.49                       | 20.37                     |                        |
| Channel         |            |         |           | 23035                    | 23095                       | 23155                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.30                    | 25.43                       | 25.26                     |                        |
| 5               | QPSK       | 1       | 12        | 25.31                    | 25.19                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.19                    | 25.18                       | 25.13                     |                        |
| 5               | QPSK       | 12      | 0         | 24.47                    | 24.42                       | 24.36                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.40                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 13        | 24.26                    | 24.38                       | 24.30                     |                        |
| 5               | QPSK       | 25      | 0         | 24.42                    | 24.39                       | 24.34                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.11                    | 24.43                       | 24.36                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.06                    | 24.39                       | 24.45                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.03                    | 24.44                       | 24.48                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.40                    | 23.38                       | 23.35                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.40                       | 23.41                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.24                    | 23.37                       | 23.40                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.32                    | 23.39                       | 23.42                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.32                    | 23.43                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.32                    | 23.53                       | 23.35                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.38                    | 23.49                       | 23.50                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.42                    | 22.43                       | 22.29                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.38                    | 22.41                       | 22.31                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.18                    | 22.35                       | 22.34                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.25                    | 22.35                       | 22.37                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.34                    | 20.37                       | 20.31                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.27                    | 20.47                       | 20.21                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.26                    | 20.30                       | 20.21                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.18                    | 20.28                       | 20.07                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.17                    | 20.35                       | 20.28                     |                        |



# FCC SAR TEST REPORT

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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.17 | 20.30 | 20.31 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.27 | 20.30 | 20.26 |                     |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.34 | 25.37 | 25.30 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.33 | 25.20 | 25.21 |                     |
| 3               | QPSK   | 1  | 14 | 25.09 | 25.20 | 25.13 |                     |
| 3               | QPSK   | 8  | 0  | 24.37 | 24.40 | 24.35 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.32 | 24.33 | 24.35 |                     |
| 3               | QPSK   | 8  | 7  | 24.24 | 24.36 | 24.38 |                     |
| 3               | QPSK   | 15 | 0  | 24.40 | 24.35 | 24.39 |                     |
| 3               | 16QAM  | 1  | 0  | 24.10 | 24.40 | 24.38 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.06 | 24.45 | 24.43 |                     |
| 3               | 16QAM  | 1  | 14 | 24.02 | 24.41 | 24.44 |                     |
| 3               | 16QAM  | 8  | 0  | 23.36 | 23.40 | 23.40 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.41 | 23.38 | 23.36 |                     |
| 3               | 16QAM  | 8  | 7  | 23.24 | 23.33 | 23.37 |                     |
| 3               | 16QAM  | 15 | 0  | 23.26 | 23.36 | 23.42 |                     |
| 3               | 64QAM  | 1  | 0  | 23.33 | 23.42 | 23.37 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.35 | 23.53 | 23.41 |                     |
| 3               | 64QAM  | 1  | 14 | 23.36 | 23.46 | 23.45 |                     |
| 3               | 64QAM  | 8  | 0  | 22.44 | 22.40 | 22.39 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.38 | 22.39 | 22.36 |                     |
| 3               | 64QAM  | 8  | 7  | 22.16 | 22.39 | 22.29 |                     |
| 3               | 64QAM  | 15 | 0  | 22.25 | 22.28 | 22.32 |                     |
| 3               | 256QAM | 1  | 0  | 20.35 | 20.37 | 20.37 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.44 | 20.27 |                     |
| 3               | 256QAM | 1  | 14 | 20.32 | 20.28 | 20.28 |                     |
| 3               | 256QAM | 8  | 0  | 20.20 | 20.28 | 20.15 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.16 | 20.35 | 20.31 |                     |
| 3               | 256QAM | 8  | 7  | 20.19 | 20.32 | 20.30 |                     |
| 3               | 256QAM | 15 | 0  | 20.29 | 20.37 | 20.17 |                     |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.18 | 25.17 | 25.15 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.20 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.00 | 25.04 | 25.03 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.19 | 25.16 | 25.15 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.19 | 25.11 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.06 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.26 | 24.18 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 23.98 | 24.37 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 23.90 | 24.31 | 24.26 |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.90 | 24.19 | 24.37 |                     |
| 1.4             | 16QAM  | 3  | 0  | 23.97 | 24.37 | 24.27 |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.83 | 24.31 | 24.24 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.88 | 24.29 | 24.37 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.17 | 23.18 | 23.21 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.19 | 23.24 | 23.24 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.28 | 23.34 | 23.14 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.17 | 23.29 | 23.24 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.24 | 23.25 | 23.22 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.22 | 23.29 | 23.14 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.21 | 23.37 | 23.26 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.21 | 22.15 | 22.20 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.25 | 20.21 | 20.17 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.06 | 20.29 | 20.17 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.16 | 20.19 | 20.08 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.20 | 20.26 | 20.10 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.13 | 20.34 | 20.20 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.15 | 20.18 | 20.04 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.18 | 20.27 | 20.13 | 20.7                |



&lt;LTE Band 12\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.47                    | 25.53                       | 25.46                     |                        |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.39                       | 25.32                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.29                    | 25.35                       | 25.32                     |                        |
| 10              | QPSK       | 25      | 0         | 24.57                    | 24.58                       | 24.50                     |                        |
| 10              | QPSK       | 25      | 12        | 24.48                    | 24.53                       | 24.52                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.39                    | 24.52                       | 24.50                     |                        |
| 10              | QPSK       | 50      | 0         | 24.54                    | 24.53                       | 24.51                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.29                    | 24.59                       | 24.51                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.20                    | 24.56                       | 24.59                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.21                    | 24.57                       | 24.62                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.52                    | 23.53                       | 23.55                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.51                    | 23.52                       | 23.52                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.37                    | 23.47                       | 23.55                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.43                    | 23.51                       | 23.57                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.50                    | 23.58                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.52                    | 23.64                       | 23.53                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.49                    | 23.65                       | 23.62                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.56                    | 22.54                       | 22.49                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.54                       | 22.47                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.35                    | 22.49                       | 22.47                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.45                    | 22.47                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.52                    | 20.50                       | 20.47                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.58                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.43                    | 20.44                       | 20.38                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.31                    | 20.38                       | 20.26                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.33                    | 20.47                       | 20.47                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.34                    | 20.46                       | 20.45                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.49                       | 20.37                     |                        |
| Channel         |            |         |           | 23035                    | 23095                       | 23155                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.30                    | 25.43                       | 25.26                     |                        |
| 5               | QPSK       | 1       | 12        | 25.31                    | 25.19                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.19                    | 25.18                       | 25.13                     |                        |
| 5               | QPSK       | 12      | 0         | 24.47                    | 24.42                       | 24.36                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.40                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 13        | 24.26                    | 24.38                       | 24.30                     |                        |
| 5               | QPSK       | 25      | 0         | 24.42                    | 24.39                       | 24.34                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.11                    | 24.43                       | 24.36                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.06                    | 24.39                       | 24.45                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.03                    | 24.44                       | 24.48                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.40                    | 23.38                       | 23.35                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.40                       | 23.41                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.24                    | 23.37                       | 23.40                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.32                    | 23.39                       | 23.42                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.32                    | 23.43                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.32                    | 23.53                       | 23.35                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.38                    | 23.49                       | 23.50                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.42                    | 22.43                       | 22.29                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.38                    | 22.41                       | 22.31                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.18                    | 22.35                       | 22.34                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.25                    | 22.35                       | 22.37                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.34                    | 20.37                       | 20.31                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.27                    | 20.47                       | 20.21                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.26                    | 20.30                       | 20.21                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.18                    | 20.28                       | 20.07                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.17                    | 20.35                       | 20.28                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.17 | 20.30 | 20.31 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.27 | 20.30 | 20.26 |                     |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.34 | 25.37 | 25.30 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.33 | 25.20 | 25.21 |                     |
| 3               | QPSK   | 1  | 14 | 25.09 | 25.20 | 25.13 |                     |
| 3               | QPSK   | 8  | 0  | 24.37 | 24.40 | 24.35 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.32 | 24.33 | 24.35 |                     |
| 3               | QPSK   | 8  | 7  | 24.24 | 24.36 | 24.38 |                     |
| 3               | QPSK   | 15 | 0  | 24.40 | 24.35 | 24.39 |                     |
| 3               | 16QAM  | 1  | 0  | 24.10 | 24.40 | 24.38 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.06 | 24.45 | 24.43 |                     |
| 3               | 16QAM  | 1  | 14 | 24.02 | 24.41 | 24.44 |                     |
| 3               | 16QAM  | 8  | 0  | 23.36 | 23.40 | 23.40 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.41 | 23.38 | 23.36 |                     |
| 3               | 16QAM  | 8  | 7  | 23.24 | 23.33 | 23.37 |                     |
| 3               | 16QAM  | 15 | 0  | 23.26 | 23.36 | 23.42 |                     |
| 3               | 64QAM  | 1  | 0  | 23.33 | 23.42 | 23.37 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.35 | 23.53 | 23.41 |                     |
| 3               | 64QAM  | 1  | 14 | 23.36 | 23.46 | 23.45 |                     |
| 3               | 64QAM  | 8  | 0  | 22.44 | 22.40 | 22.39 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.38 | 22.39 | 22.36 |                     |
| 3               | 64QAM  | 8  | 7  | 22.16 | 22.39 | 22.29 |                     |
| 3               | 64QAM  | 15 | 0  | 22.25 | 22.28 | 22.32 |                     |
| 3               | 256QAM | 1  | 0  | 20.35 | 20.37 | 20.37 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.44 | 20.27 |                     |
| 3               | 256QAM | 1  | 14 | 20.32 | 20.28 | 20.28 |                     |
| 3               | 256QAM | 8  | 0  | 20.20 | 20.28 | 20.15 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.16 | 20.35 | 20.31 |                     |
| 3               | 256QAM | 8  | 7  | 20.19 | 20.32 | 20.30 |                     |
| 3               | 256QAM | 15 | 0  | 20.29 | 20.37 | 20.17 |                     |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.18 | 25.17 | 25.15 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.20 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.00 | 25.04 | 25.03 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.19 | 25.16 | 25.15 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.19 | 25.11 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.06 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.26 | 24.18 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 23.98 | 24.37 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 23.90 | 24.31 | 24.26 |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.90 | 24.19 | 24.37 |                     |
| 1.4             | 16QAM  | 3  | 0  | 23.97 | 24.37 | 24.27 |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.83 | 24.31 | 24.24 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.88 | 24.29 | 24.37 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.17 | 23.18 | 23.21 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.19 | 23.24 | 23.24 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.28 | 23.34 | 23.14 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.17 | 23.29 | 23.24 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.24 | 23.25 | 23.22 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.22 | 23.29 | 23.14 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.21 | 23.37 | 23.26 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.21 | 22.15 | 22.20 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.25 | 20.21 | 20.17 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.06 | 20.29 | 20.17 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.16 | 20.19 | 20.08 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.20 | 20.26 | 20.10 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.13 | 20.34 | 20.20 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.15 | 20.18 | 20.04 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.18 | 20.27 | 20.13 | 20.7                |



## &lt;LTE Band 12\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23060                    | 23095                       | 23130                     |                        |
| Frequency (MHz) |            |         |           | 704                      | 707.5                       | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.47                    | 25.53                       | 25.46                     |                        |
| 10              | QPSK       | 1       | 25        | 25.44                    | 25.39                       | 25.32                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.29                    | 25.35                       | 25.32                     |                        |
| 10              | QPSK       | 25      | 0         | 24.57                    | 24.58                       | 24.50                     |                        |
| 10              | QPSK       | 25      | 12        | 24.48                    | 24.53                       | 24.52                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.39                    | 24.52                       | 24.50                     |                        |
| 10              | QPSK       | 50      | 0         | 24.54                    | 24.53                       | 24.51                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.29                    | 24.59                       | 24.51                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.20                    | 24.56                       | 24.59                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.21                    | 24.57                       | 24.62                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.52                    | 23.53                       | 23.55                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.51                    | 23.52                       | 23.52                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.37                    | 23.47                       | 23.55                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.43                    | 23.51                       | 23.57                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.50                    | 23.58                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.52                    | 23.64                       | 23.53                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.49                    | 23.65                       | 23.62                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.56                    | 22.54                       | 22.49                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.52                    | 22.54                       | 22.47                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.35                    | 22.49                       | 22.47                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.45                    | 22.47                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.52                    | 20.50                       | 20.47                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.58                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.43                    | 20.44                       | 20.38                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.31                    | 20.38                       | 20.26                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.33                    | 20.47                       | 20.47                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.34                    | 20.46                       | 20.45                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.49                       | 20.37                     |                        |
| Channel         |            |         |           | 23035                    | 23095                       | 23155                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 701.5                    | 707.5                       | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.30                    | 25.43                       | 25.26                     |                        |
| 5               | QPSK       | 1       | 12        | 25.31                    | 25.19                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.19                    | 25.18                       | 25.13                     |                        |
| 5               | QPSK       | 12      | 0         | 24.47                    | 24.42                       | 24.36                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.40                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 13        | 24.26                    | 24.38                       | 24.30                     |                        |
| 5               | QPSK       | 25      | 0         | 24.42                    | 24.39                       | 24.34                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.11                    | 24.43                       | 24.36                     |                        |
| 5               | 16QAM      | 1       | 12        | 24.06                    | 24.39                       | 24.45                     |                        |
| 5               | 16QAM      | 1       | 24        | 24.03                    | 24.44                       | 24.48                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.40                    | 23.38                       | 23.35                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.40                    | 23.40                       | 23.41                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.24                    | 23.37                       | 23.40                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.32                    | 23.39                       | 23.42                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.32                    | 23.43                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.32                    | 23.53                       | 23.35                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.38                    | 23.49                       | 23.50                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.42                    | 22.43                       | 22.29                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.38                    | 22.41                       | 22.31                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.18                    | 22.35                       | 22.34                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.25                    | 22.35                       | 22.37                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.34                    | 20.37                       | 20.31                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.27                    | 20.47                       | 20.21                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.26                    | 20.30                       | 20.21                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.18                    | 20.28                       | 20.07                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.17                    | 20.35                       | 20.28                     |                        |



# FCC SAR TEST REPORT

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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 5               | 256QAM | 12 | 13 | 20.17 | 20.30 | 20.31 | Tune-up limit (dBm) |
| 5               | 256QAM | 25 | 0  | 20.27 | 20.30 | 20.26 |                     |
| Channel         |        |    |    | 23025 | 23095 | 23165 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 700.5 | 707.5 | 714.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.34 | 25.37 | 25.30 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.33 | 25.20 | 25.21 |                     |
| 3               | QPSK   | 1  | 14 | 25.09 | 25.20 | 25.13 |                     |
| 3               | QPSK   | 8  | 0  | 24.37 | 24.40 | 24.35 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.32 | 24.33 | 24.35 |                     |
| 3               | QPSK   | 8  | 7  | 24.24 | 24.36 | 24.38 |                     |
| 3               | QPSK   | 15 | 0  | 24.40 | 24.35 | 24.39 |                     |
| 3               | 16QAM  | 1  | 0  | 24.10 | 24.40 | 24.38 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.06 | 24.45 | 24.43 |                     |
| 3               | 16QAM  | 1  | 14 | 24.02 | 24.41 | 24.44 |                     |
| 3               | 16QAM  | 8  | 0  | 23.36 | 23.40 | 23.40 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.41 | 23.38 | 23.36 |                     |
| 3               | 16QAM  | 8  | 7  | 23.24 | 23.33 | 23.37 |                     |
| 3               | 16QAM  | 15 | 0  | 23.26 | 23.36 | 23.42 |                     |
| 3               | 64QAM  | 1  | 0  | 23.33 | 23.42 | 23.37 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.35 | 23.53 | 23.41 |                     |
| 3               | 64QAM  | 1  | 14 | 23.36 | 23.46 | 23.45 |                     |
| 3               | 64QAM  | 8  | 0  | 22.44 | 22.40 | 22.39 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.38 | 22.39 | 22.36 |                     |
| 3               | 64QAM  | 8  | 7  | 22.16 | 22.39 | 22.29 |                     |
| 3               | 64QAM  | 15 | 0  | 22.25 | 22.28 | 22.32 |                     |
| 3               | 256QAM | 1  | 0  | 20.35 | 20.37 | 20.37 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.28 | 20.44 | 20.27 |                     |
| 3               | 256QAM | 1  | 14 | 20.32 | 20.28 | 20.28 |                     |
| 3               | 256QAM | 8  | 0  | 20.20 | 20.28 | 20.15 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.16 | 20.35 | 20.31 |                     |
| 3               | 256QAM | 8  | 7  | 20.19 | 20.32 | 20.30 |                     |
| 3               | 256QAM | 15 | 0  | 20.29 | 20.37 | 20.17 |                     |
| Channel         |        |    |    | 23017 | 23095 | 23173 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 699.7 | 707.5 | 715.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 25.18 | 25.17 | 25.15 | 25.7                |
| 1.4             | QPSK   | 1  | 3  | 25.20 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 1  | 5  | 25.00 | 25.04 | 25.03 |                     |
| 1.4             | QPSK   | 3  | 0  | 25.19 | 25.16 | 25.15 |                     |
| 1.4             | QPSK   | 3  | 1  | 25.19 | 25.11 | 25.12 |                     |
| 1.4             | QPSK   | 3  | 3  | 25.06 | 25.08 | 25.04 |                     |
| 1.4             | QPSK   | 6  | 0  | 24.26 | 24.18 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 0  | 23.98 | 24.37 | 24.28 | 24.7                |
| 1.4             | 16QAM  | 1  | 3  | 23.90 | 24.31 | 24.26 |                     |
| 1.4             | 16QAM  | 1  | 5  | 23.90 | 24.19 | 24.37 |                     |
| 1.4             | 16QAM  | 3  | 0  | 23.97 | 24.37 | 24.27 |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.83 | 24.31 | 24.24 |                     |
| 1.4             | 16QAM  | 3  | 3  | 23.88 | 24.29 | 24.37 |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.17 | 23.18 | 23.21 | 23.7                |
| 1.4             | 64QAM  | 1  | 0  | 23.19 | 23.24 | 23.24 | 23.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.28 | 23.34 | 23.14 |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.17 | 23.29 | 23.24 |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.24 | 23.25 | 23.22 |                     |
| 1.4             | 64QAM  | 3  | 1  | 23.22 | 23.29 | 23.14 |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.21 | 23.37 | 23.26 |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.21 | 22.15 | 22.20 | 22.7                |
| 1.4             | 256QAM | 1  | 0  | 20.25 | 20.21 | 20.17 | 20.7                |
| 1.4             | 256QAM | 1  | 3  | 20.06 | 20.29 | 20.17 |                     |
| 1.4             | 256QAM | 1  | 5  | 20.16 | 20.19 | 20.08 |                     |
| 1.4             | 256QAM | 3  | 0  | 20.20 | 20.26 | 20.10 |                     |
| 1.4             | 256QAM | 3  | 1  | 20.13 | 20.34 | 20.20 |                     |
| 1.4             | 256QAM | 3  | 3  | 20.15 | 20.18 | 20.04 |                     |
| 1.4             | 256QAM | 6  | 0  | 20.18 | 20.27 | 20.13 | 20.7                |



&lt;LTE Band 17\_Ant 1\_DSI 0 / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.44                     |                        |
| 10              | QPSK       | 1       | 25        | 25.33                    | 25.38                       | 25.35                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.14                    | 25.34                       | 25.33                     |                        |
| 10              | QPSK       | 25      | 0         | 24.54                    | 24.55                       | 24.52                     |                        |
| 10              | QPSK       | 25      | 12        | 24.49                    | 24.52                       | 24.47                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.32                    | 24.51                       | 24.46                     |                        |
| 10              | QPSK       | 50      | 0         | 24.44                    | 24.48                       | 24.45                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.27                    | 24.62                       | 24.61                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.13                    | 24.69                       | 24.57                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.11                    | 24.60                       | 24.54                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.46                    | 23.52                       | 23.53                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.45                    | 23.47                       | 23.47                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.31                    | 23.42                       | 23.49                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.44                    | 23.44                       | 23.48                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.47                    | 23.50                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.39                    | 23.53                       | 23.64                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.43                    | 23.55                       | 23.67                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.40                    | 22.55                       | 22.53                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.37                    | 22.53                       | 22.51                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.33                    | 22.42                       | 22.49                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.40                    | 22.48                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.54                    | 20.53                       | 20.52                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.63                       | 20.62                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.36                    | 20.36                       | 20.22                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.50                    | 20.57                       | 20.54                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.40                    | 20.51                       | 20.35                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.46                    | 20.46                       | 20.35                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.53                       | 20.46                     |                        |
| Channel         |            |         |           | 23755                    | 23790                       | 23825                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 706.5                    | 710                         | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.21                    | 25.36                       | 25.31                     |                        |
| 5               | QPSK       | 1       | 12        | 25.14                    | 25.22                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.03                    | 25.22                       | 25.17                     |                        |
| 5               | QPSK       | 12      | 0         | 24.34                    | 24.36                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.38                       | 24.32                     | 24.7                   |
| 5               | QPSK       | 12      | 13        | 24.16                    | 24.33                       | 24.29                     |                        |
| 5               | QPSK       | 25      | 0         | 24.28                    | 24.32                       | 24.28                     |                        |
| 5               | 16QAM      | 1       | 0         | 24.10                    | 24.49                       | 24.44                     | 24.7                   |
| 5               | 16QAM      | 1       | 12        | 23.97                    | 24.54                       | 24.43                     |                        |
| 5               | 16QAM      | 1       | 24        | 23.97                    | 24.45                       | 24.34                     |                        |
| 5               | 16QAM      | 12      | 0         | 23.35                    | 23.37                       | 23.36                     | 23.7                   |
| 5               | 16QAM      | 12      | 7         | 23.35                    | 23.27                       | 23.30                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.21                    | 23.27                       | 23.36                     |                        |
| 5               | 16QAM      | 25      | 0         | 23.31                    | 23.33                       | 23.35                     | 23.7                   |
| 5               | 64QAM      | 1       | 0         | 23.27                    | 23.35                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.19                    | 23.41                       | 23.45                     |                        |
| 5               | 64QAM      | 1       | 24        | 23.23                    | 23.39                       | 23.53                     | 22.7                   |
| 5               | 64QAM      | 12      | 0         | 22.28                    | 22.43                       | 22.35                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.22                    | 22.37                       | 22.40                     |                        |
| 5               | 64QAM      | 12      | 13        | 22.13                    | 22.29                       | 22.29                     | 20.7                   |
| 5               | 64QAM      | 25      | 0         | 22.26                    | 22.34                       | 22.32                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.43                    | 20.35                       | 20.37                     |                        |
| 5               | 256QAM     | 1       | 12        | 20.32                    | 20.51                       | 20.45                     | 20.7                   |
| 5               | 256QAM     | 1       | 24        | 20.24                    | 20.25                       | 20.07                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.38                    | 20.46                       | 20.38                     |                        |
| 5               | 256QAM     | 12      | 7         | 20.21                    | 20.38                       | 20.22                     | 20.7                   |
| 5               | 256QAM     | 12      | 13        | 20.32                    | 20.34                       | 20.21                     |                        |
| 5               | 256QAM     | 25      | 0         | 20.23                    | 20.42                       | 20.34                     |                        |



## &lt;LTE Band 17\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.44                     |                        |
| 10              | QPSK       | 1       | 25        | 25.33                    | 25.38                       | 25.35                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.14                    | 25.34                       | 25.33                     |                        |
| 10              | QPSK       | 25      | 0         | 24.54                    | 24.55                       | 24.52                     |                        |
| 10              | QPSK       | 25      | 12        | 24.49                    | 24.52                       | 24.47                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.32                    | 24.51                       | 24.46                     |                        |
| 10              | QPSK       | 50      | 0         | 24.44                    | 24.48                       | 24.45                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.27                    | 24.62                       | 24.61                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.13                    | 24.69                       | 24.57                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.11                    | 24.60                       | 24.54                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.46                    | 23.52                       | 23.53                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.45                    | 23.47                       | 23.47                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.31                    | 23.42                       | 23.49                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.44                    | 23.44                       | 23.48                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.47                    | 23.50                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.39                    | 23.53                       | 23.64                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.43                    | 23.55                       | 23.67                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.40                    | 22.55                       | 22.53                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.37                    | 22.53                       | 22.51                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.33                    | 22.42                       | 22.49                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.40                    | 22.48                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.54                    | 20.53                       | 20.52                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.63                       | 20.62                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.36                    | 20.36                       | 20.22                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.50                    | 20.57                       | 20.54                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.40                    | 20.51                       | 20.35                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.46                    | 20.46                       | 20.35                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.53                       | 20.46                     |                        |
| Channel         |            |         |           | 23755                    | 23790                       | 23825                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 706.5                    | 710                         | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.21                    | 25.36                       | 25.31                     |                        |
| 5               | QPSK       | 1       | 12        | 25.14                    | 25.22                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.03                    | 25.22                       | 25.17                     |                        |
| 5               | QPSK       | 12      | 0         | 24.34                    | 24.36                       | 24.35                     | 24.7                   |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.38                       | 24.32                     |                        |
| 5               | QPSK       | 12      | 13        | 24.16                    | 24.33                       | 24.29                     |                        |
| 5               | QPSK       | 25      | 0         | 24.28                    | 24.32                       | 24.28                     | 24.7                   |
| 5               | 16QAM      | 1       | 0         | 24.10                    | 24.49                       | 24.44                     |                        |
| 5               | 16QAM      | 1       | 12        | 23.97                    | 24.54                       | 24.43                     |                        |
| 5               | 16QAM      | 1       | 24        | 23.97                    | 24.45                       | 24.34                     | 23.7                   |
| 5               | 16QAM      | 12      | 0         | 23.35                    | 23.37                       | 23.36                     |                        |
| 5               | 16QAM      | 12      | 7         | 23.35                    | 23.27                       | 23.30                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.21                    | 23.27                       | 23.36                     | 23.7                   |
| 5               | 16QAM      | 25      | 0         | 23.31                    | 23.33                       | 23.35                     |                        |
| 5               | 64QAM      | 1       | 0         | 23.27                    | 23.35                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.19                    | 23.41                       | 23.45                     | 22.7                   |
| 5               | 64QAM      | 1       | 24        | 23.23                    | 23.39                       | 23.53                     |                        |
| 5               | 64QAM      | 12      | 0         | 22.28                    | 22.43                       | 22.35                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.22                    | 22.37                       | 22.40                     | 20.7                   |
| 5               | 64QAM      | 12      | 13        | 22.13                    | 22.29                       | 22.29                     |                        |
| 5               | 64QAM      | 25      | 0         | 22.26                    | 22.34                       | 22.32                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.43                    | 20.35                       | 20.37                     | 20.7                   |
| 5               | 256QAM     | 1       | 12        | 20.32                    | 20.51                       | 20.45                     |                        |
| 5               | 256QAM     | 1       | 24        | 20.24                    | 20.25                       | 20.07                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.38                    | 20.46                       | 20.38                     | 20.7                   |
| 5               | 256QAM     | 12      | 7         | 20.21                    | 20.38                       | 20.22                     |                        |
| 5               | 256QAM     | 12      | 13        | 20.32                    | 20.34                       | 20.21                     |                        |
| 5               | 256QAM     | 25      | 0         | 20.23                    | 20.42                       | 20.34                     |                        |



&lt;LTE Band 17\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 23780                    | 23790                       | 23800                     |                        |
| Frequency (MHz) |            |         |           | 709                      | 710                         | 711                       |                        |
| 10              | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.44                     |                        |
| 10              | QPSK       | 1       | 25        | 25.33                    | 25.38                       | 25.35                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.14                    | 25.34                       | 25.33                     |                        |
| 10              | QPSK       | 25      | 0         | 24.54                    | 24.55                       | 24.52                     |                        |
| 10              | QPSK       | 25      | 12        | 24.49                    | 24.52                       | 24.47                     | 24.7                   |
| 10              | QPSK       | 25      | 25        | 24.32                    | 24.51                       | 24.46                     |                        |
| 10              | QPSK       | 50      | 0         | 24.44                    | 24.48                       | 24.45                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.27                    | 24.62                       | 24.61                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.13                    | 24.69                       | 24.57                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.11                    | 24.60                       | 24.54                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.46                    | 23.52                       | 23.53                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.45                    | 23.47                       | 23.47                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.31                    | 23.42                       | 23.49                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.44                    | 23.44                       | 23.48                     | 23.7                   |
| 10              | 64QAM      | 1       | 0         | 23.47                    | 23.50                       | 23.54                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.39                    | 23.53                       | 23.64                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.43                    | 23.55                       | 23.67                     | 22.7                   |
| 10              | 64QAM      | 25      | 0         | 22.40                    | 22.55                       | 22.53                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.37                    | 22.53                       | 22.51                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.33                    | 22.42                       | 22.49                     | 20.7                   |
| 10              | 64QAM      | 50      | 0         | 22.40                    | 22.48                       | 22.47                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.54                    | 20.53                       | 20.52                     |                        |
| 10              | 256QAM     | 1       | 25        | 20.45                    | 20.63                       | 20.62                     | 20.7                   |
| 10              | 256QAM     | 1       | 49        | 20.36                    | 20.36                       | 20.22                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.50                    | 20.57                       | 20.54                     |                        |
| 10              | 256QAM     | 25      | 12        | 20.40                    | 20.51                       | 20.35                     | 20.7                   |
| 10              | 256QAM     | 25      | 25        | 20.46                    | 20.46                       | 20.35                     |                        |
| 10              | 256QAM     | 50      | 0         | 20.41                    | 20.53                       | 20.46                     |                        |
| Channel         |            |         |           | 23755                    | 23790                       | 23825                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 706.5                    | 710                         | 713.5                     |                        |
| 5               | QPSK       | 1       | 0         | 25.21                    | 25.36                       | 25.31                     |                        |
| 5               | QPSK       | 1       | 12        | 25.14                    | 25.22                       | 25.17                     | 25.7                   |
| 5               | QPSK       | 1       | 24        | 25.03                    | 25.22                       | 25.17                     |                        |
| 5               | QPSK       | 12      | 0         | 24.34                    | 24.36                       | 24.35                     |                        |
| 5               | QPSK       | 12      | 7         | 24.35                    | 24.38                       | 24.32                     | 24.7                   |
| 5               | QPSK       | 12      | 13        | 24.16                    | 24.33                       | 24.29                     |                        |
| 5               | QPSK       | 25      | 0         | 24.28                    | 24.32                       | 24.28                     |                        |
| 5               | 16QAM      | 1       | 0         | 24.10                    | 24.49                       | 24.44                     | 24.7                   |
| 5               | 16QAM      | 1       | 12        | 23.97                    | 24.54                       | 24.43                     |                        |
| 5               | 16QAM      | 1       | 24        | 23.97                    | 24.45                       | 24.34                     |                        |
| 5               | 16QAM      | 12      | 0         | 23.35                    | 23.37                       | 23.36                     | 23.7                   |
| 5               | 16QAM      | 12      | 7         | 23.35                    | 23.27                       | 23.30                     |                        |
| 5               | 16QAM      | 12      | 13        | 23.21                    | 23.27                       | 23.36                     |                        |
| 5               | 16QAM      | 25      | 0         | 23.31                    | 23.33                       | 23.35                     | 23.7                   |
| 5               | 64QAM      | 1       | 0         | 23.27                    | 23.35                       | 23.44                     |                        |
| 5               | 64QAM      | 1       | 12        | 23.19                    | 23.41                       | 23.45                     |                        |
| 5               | 64QAM      | 1       | 24        | 23.23                    | 23.39                       | 23.53                     | 22.7                   |
| 5               | 64QAM      | 12      | 0         | 22.28                    | 22.43                       | 22.35                     |                        |
| 5               | 64QAM      | 12      | 7         | 22.22                    | 22.37                       | 22.40                     |                        |
| 5               | 64QAM      | 12      | 13        | 22.13                    | 22.29                       | 22.29                     | 20.7                   |
| 5               | 64QAM      | 25      | 0         | 22.26                    | 22.34                       | 22.32                     |                        |
| 5               | 256QAM     | 1       | 0         | 20.43                    | 20.35                       | 20.37                     |                        |
| 5               | 256QAM     | 1       | 12        | 20.32                    | 20.51                       | 20.45                     | 20.7                   |
| 5               | 256QAM     | 1       | 24        | 20.24                    | 20.25                       | 20.07                     |                        |
| 5               | 256QAM     | 12      | 0         | 20.38                    | 20.46                       | 20.38                     |                        |
| 5               | 256QAM     | 12      | 7         | 20.21                    | 20.38                       | 20.22                     | 20.7                   |
| 5               | 256QAM     | 12      | 13        | 20.32                    | 20.34                       | 20.21                     |                        |
| 5               | 256QAM     | 25      | 0         | 20.23                    | 20.42                       | 20.34                     |                        |



&lt;LTE Band 26\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26765                    | 26865                       | 26965                     |                        |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.37                     |                        |
| 15              | QPSK       | 1       | 37        | 25.34                    | 25.39                       | 25.27                     | 25.7                   |
| 15              | QPSK       | 1       | 74        | 25.24                    | 25.28                       | 25.29                     |                        |
| 15              | QPSK       | 36      | 0         | 24.51                    | 24.53                       | 24.48                     |                        |
| 15              | QPSK       | 36      | 20        | 24.39                    | 24.52                       | 24.45                     | 24.7                   |
| 15              | QPSK       | 36      | 39        | 24.36                    | 24.50                       | 24.48                     |                        |
| 15              | QPSK       | 75      | 0         | 24.43                    | 24.48                       | 24.41                     |                        |
| 15              | 16QAM      | 1       | 0         | 24.31                    | 24.53                       | 24.63                     | 24.7                   |
| 15              | 16QAM      | 1       | 37        | 24.19                    | 24.66                       | 24.70                     |                        |
| 15              | 16QAM      | 1       | 74        | 24.21                    | 24.55                       | 24.47                     |                        |
| 15              | 16QAM      | 36      | 0         | 23.50                    | 23.47                       | 23.40                     | 23.7                   |
| 15              | 16QAM      | 36      | 20        | 23.48                    | 23.52                       | 23.45                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.29                    | 23.48                       | 23.40                     |                        |
| 15              | 16QAM      | 75      | 0         | 23.43                    | 23.48                       | 23.38                     | 23.7                   |
| 15              | 64QAM      | 1       | 0         | 23.49                    | 23.55                       | 23.63                     |                        |
| 15              | 64QAM      | 1       | 37        | 23.44                    | 23.51                       | 23.63                     |                        |
| 15              | 64QAM      | 1       | 74        | 23.48                    | 23.52                       | 23.60                     | 22.7                   |
| 15              | 64QAM      | 36      | 0         | 22.50                    | 22.52                       | 22.45                     |                        |
| 15              | 64QAM      | 36      | 20        | 22.40                    | 22.48                       | 22.46                     |                        |
| 15              | 64QAM      | 36      | 39        | 22.37                    | 22.46                       | 22.40                     | 20.7                   |
| 15              | 64QAM      | 75      | 0         | 22.44                    | 22.43                       | 22.35                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.42                    | 20.45                       | 20.53                     |                        |
| 15              | 256QAM     | 1       | 37        | 20.33                    | 20.36                       | 20.24                     | 20.7                   |
| 15              | 256QAM     | 1       | 74        | 20.40                    | 20.42                       | 20.42                     |                        |
| 15              | 256QAM     | 36      | 0         | 20.18                    | 20.36                       | 20.30                     |                        |
| 15              | 256QAM     | 36      | 20        | 20.24                    | 20.43                       | 20.24                     | 20.7                   |
| 15              | 256QAM     | 36      | 39        | 20.47                    | 20.50                       | 20.46                     |                        |
| 15              | 256QAM     | 75      | 0         | 20.34                    | 20.39                       | 20.28                     |                        |
| Channel         |            |         |           | 26740                    | 26865                       | 26990                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.22                    | 25.27                       | 25.25                     |                        |
| 10              | QPSK       | 1       | 25        | 25.22                    | 25.29                       | 25.13                     | 25.7                   |
| 10              | QPSK       | 1       | 49        | 25.05                    | 25.17                       | 25.14                     |                        |
| 10              | QPSK       | 25      | 0         | 24.34                    | 24.29                       | 24.30                     | 24.7                   |
| 10              | QPSK       | 25      | 12        | 24.25                    | 24.38                       | 24.25                     |                        |
| 10              | QPSK       | 25      | 25        | 24.18                    | 24.36                       | 24.38                     |                        |
| 10              | QPSK       | 50      | 0         | 24.29                    | 24.37                       | 24.23                     | 24.7                   |
| 10              | 16QAM      | 1       | 0         | 24.18                    | 24.33                       | 24.45                     |                        |
| 10              | 16QAM      | 1       | 25        | 24.02                    | 24.51                       | 24.60                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.10                    | 24.38                       | 24.36                     | 23.7                   |
| 10              | 16QAM      | 25      | 0         | 23.34                    | 23.33                       | 23.20                     |                        |
| 10              | 16QAM      | 25      | 12        | 23.31                    | 23.40                       | 23.26                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.14                    | 23.37                       | 23.21                     | 23.7                   |
| 10              | 16QAM      | 50      | 0         | 23.30                    | 23.37                       | 23.28                     |                        |
| 10              | 64QAM      | 1       | 0         | 23.31                    | 23.35                       | 23.47                     |                        |
| 10              | 64QAM      | 1       | 25        | 23.32                    | 23.32                       | 23.49                     | 22.7                   |
| 10              | 64QAM      | 1       | 49        | 23.31                    | 23.34                       | 23.40                     |                        |
| 10              | 64QAM      | 25      | 0         | 22.34                    | 22.34                       | 22.25                     |                        |
| 10              | 64QAM      | 25      | 12        | 22.24                    | 22.30                       | 22.34                     | 20.7                   |
| 10              | 64QAM      | 25      | 25        | 22.25                    | 22.35                       | 22.27                     |                        |
| 10              | 64QAM      | 50      | 0         | 22.30                    | 22.23                       | 22.17                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.32                    | 20.32                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 25        | 20.23                    | 20.22                       | 20.13                     |                        |
| 10              | 256QAM     | 1       | 49        | 20.22                    | 20.32                       | 20.31                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.08                    | 20.23                       | 20.14                     | 20.7                   |
| 10              | 256QAM     | 25      | 12        | 20.07                    | 20.23                       | 20.07                     |                        |



# FCC SAR TEST REPORT

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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10              | 256QAM | 25 | 25 | 20.30 | 20.35 | 20.33 | Tune-up limit (dBm) |
| 10              | 256QAM | 50 | 0  | 20.20 | 20.22 | 20.17 |                     |
| Channel         |        |    |    | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 816.5 | 831.5 | 846.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.30 | 25.37 | 25.23 | 25.7                |
| 5               | QPSK   | 1  | 12 | 25.21 | 25.28 | 25.11 |                     |
| 5               | QPSK   | 1  | 24 | 25.13 | 25.10 | 25.19 |                     |
| 5               | QPSK   | 12 | 0  | 24.32 | 24.39 | 24.34 | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.22 | 24.32 | 24.33 |                     |
| 5               | QPSK   | 12 | 13 | 24.20 | 24.32 | 24.34 |                     |
| 5               | QPSK   | 25 | 0  | 24.28 | 24.36 | 24.28 |                     |
| 5               | 16QAM  | 1  | 0  | 24.12 | 24.38 | 24.47 | 24.7                |
| 5               | 16QAM  | 1  | 12 | 23.99 | 24.51 | 24.55 |                     |
| 5               | 16QAM  | 1  | 24 | 24.02 | 24.37 | 24.32 |                     |
| 5               | 16QAM  | 12 | 0  | 23.40 | 23.30 | 23.29 | 23.7                |
| 5               | 16QAM  | 12 | 7  | 23.35 | 23.38 | 23.26 |                     |
| 5               | 16QAM  | 12 | 13 | 23.19 | 23.32 | 23.26 |                     |
| 5               | 16QAM  | 25 | 0  | 23.28 | 23.29 | 23.18 |                     |
| 5               | 64QAM  | 1  | 0  | 23.32 | 23.36 | 23.46 | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.26 | 23.31 | 23.45 |                     |
| 5               | 64QAM  | 1  | 24 | 23.32 | 23.36 | 23.50 |                     |
| 5               | 64QAM  | 12 | 0  | 22.34 | 22.33 | 22.35 | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.30 | 22.34 | 22.28 |                     |
| 5               | 64QAM  | 12 | 13 | 22.19 | 22.27 | 22.25 |                     |
| 5               | 64QAM  | 25 | 0  | 22.29 | 22.24 | 22.20 |                     |
| 5               | 256QAM | 1  | 0  | 20.30 | 20.32 | 20.40 | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.14 | 20.25 | 20.09 |                     |
| 5               | 256QAM | 1  | 24 | 20.23 | 20.28 | 20.32 |                     |
| 5               | 256QAM | 12 | 0  | 19.99 | 20.23 | 20.10 | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.09 | 20.30 | 20.04 |                     |
| 5               | 256QAM | 12 | 13 | 20.27 | 20.39 | 20.33 |                     |
| 5               | 256QAM | 25 | 0  | 20.17 | 20.29 | 20.08 |                     |
| Channel         |        |    |    | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 815.5 | 831.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.22 | 25.29 | 25.24 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.21 | 25.21 | 25.07 |                     |
| 3               | QPSK   | 1  | 14 | 25.05 | 25.16 | 25.18 |                     |
| 3               | QPSK   | 8  | 0  | 24.31 | 24.33 | 24.37 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.24 | 24.39 | 24.34 |                     |
| 3               | QPSK   | 8  | 7  | 24.25 | 24.37 | 24.29 |                     |
| 3               | QPSK   | 15 | 0  | 24.23 | 24.37 | 24.31 |                     |
| 3               | 16QAM  | 1  | 0  | 24.19 | 24.36 | 24.44 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.04 | 24.51 | 24.55 |                     |
| 3               | 16QAM  | 1  | 14 | 24.07 | 24.35 | 24.35 |                     |
| 3               | 16QAM  | 8  | 0  | 23.31 | 23.37 | 23.22 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.31 | 23.34 | 23.32 |                     |
| 3               | 16QAM  | 8  | 7  | 23.10 | 23.34 | 23.27 |                     |
| 3               | 16QAM  | 15 | 0  | 23.31 | 23.37 | 23.19 |                     |
| 3               | 64QAM  | 1  | 0  | 23.36 | 23.42 | 23.46 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.34 | 23.38 | 23.51 |                     |
| 3               | 64QAM  | 1  | 14 | 23.34 | 23.39 | 23.43 |                     |
| 3               | 64QAM  | 8  | 0  | 22.31 | 22.36 | 22.31 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.26 | 22.38 | 22.34 |                     |
| 3               | 64QAM  | 8  | 7  | 22.19 | 22.27 | 22.21 |                     |
| 3               | 64QAM  | 15 | 0  | 22.31 | 22.31 | 22.15 |                     |
| 3               | 256QAM | 1  | 0  | 20.27 | 20.31 | 20.38 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.18 | 20.22 | 20.05 |                     |
| 3               | 256QAM | 1  | 14 | 20.23 | 20.26 | 20.32 |                     |
| 3               | 256QAM | 8  | 0  | 20.01 | 20.16 | 20.18 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.12 | 20.26 | 20.12 |                     |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.30 | 20.33 |                     |
| 3               | 256QAM | 15 | 0  | 20.21 | 20.19 | 20.11 |                     |
| Channel         |        |    |    | 26697 | 26865 | 27033 | Tune-up limit       |



# FCC SAR TEST REPORT

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| Frequency (MHz) |        |   |   | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4             | QPSK   | 1 | 0 | 25.11 | 25.18 | 25.03 | 25.7  |
| 1.4             | QPSK   | 1 | 3 | 25.06 | 25.14 | 24.92 |       |
| 1.4             | QPSK   | 1 | 5 | 24.94 | 24.99 | 24.98 |       |
| 1.4             | QPSK   | 3 | 0 | 25.06 | 25.20 | 25.07 |       |
| 1.4             | QPSK   | 3 | 1 | 25.10 | 25.15 | 24.93 |       |
| 1.4             | QPSK   | 3 | 3 | 24.98 | 24.98 | 24.96 |       |
| 1.4             | QPSK   | 6 | 0 | 24.08 | 24.24 | 24.12 | 24.7  |
| 1.4             | 16QAM  | 1 | 0 | 24.00 | 24.23 | 24.37 | 24.7  |
| 1.4             | 16QAM  | 1 | 3 | 23.95 | 24.40 | 24.44 |       |
| 1.4             | 16QAM  | 1 | 5 | 23.92 | 24.23 | 24.20 |       |
| 1.4             | 16QAM  | 3 | 0 | 23.94 | 24.25 | 24.41 |       |
| 1.4             | 16QAM  | 3 | 1 | 23.86 | 24.40 | 24.37 |       |
| 1.4             | 16QAM  | 3 | 3 | 23.95 | 24.24 | 24.14 |       |
| 1.4             | 16QAM  | 6 | 0 | 23.13 | 23.21 | 23.14 | 23.7  |
| 1.4             | 64QAM  | 1 | 0 | 23.22 | 23.33 | 23.36 | 23.7  |
| 1.4             | 64QAM  | 1 | 3 | 23.09 | 23.22 | 23.34 |       |
| 1.4             | 64QAM  | 1 | 5 | 23.11 | 23.25 | 23.34 |       |
| 1.4             | 64QAM  | 3 | 0 | 23.29 | 23.29 | 23.36 |       |
| 1.4             | 64QAM  | 3 | 1 | 23.06 | 23.22 | 23.38 |       |
| 1.4             | 64QAM  | 3 | 3 | 23.12 | 23.18 | 23.32 |       |
| 1.4             | 64QAM  | 6 | 0 | 22.22 | 22.17 | 22.00 | 22.7  |
| 1.4             | 256QAM | 1 | 0 | 20.21 | 20.23 | 20.31 | 20.7  |
| 1.4             | 256QAM | 1 | 3 | 20.09 | 20.11 | 20.03 |       |
| 1.4             | 256QAM | 1 | 5 | 20.10 | 20.14 | 20.21 |       |
| 1.4             | 256QAM | 3 | 0 | 20.15 | 20.16 | 20.25 |       |
| 1.4             | 256QAM | 3 | 1 | 20.08 | 20.02 | 20.03 |       |
| 1.4             | 256QAM | 3 | 3 | 20.11 | 20.14 | 20.11 |       |
| 1.4             | 256QAM | 6 | 0 | 20.02 | 20.09 | 19.97 | 20.7  |



&lt;LTE Band 26\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26765                    | 26865                       | 26965                     |                        |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | QPSK       | 1       | 0         | 25.41                    | 25.47                       | 25.37                     | 25.7                   |
| 15              | QPSK       | 1       | 37        | 25.34                    | 25.39                       | 25.27                     |                        |
| 15              | QPSK       | 1       | 74        | 25.24                    | 25.28                       | 25.29                     |                        |
| 15              | QPSK       | 36      | 0         | 24.51                    | 24.53                       | 24.48                     | 24.7                   |
| 15              | QPSK       | 36      | 20        | 24.39                    | 24.52                       | 24.45                     |                        |
| 15              | QPSK       | 36      | 39        | 24.36                    | 24.50                       | 24.48                     |                        |
| 15              | QPSK       | 75      | 0         | 24.43                    | 24.48                       | 24.41                     |                        |
| 15              | 16QAM      | 1       | 0         | 24.31                    | 24.53                       | 24.63                     | 24.7                   |
| 15              | 16QAM      | 1       | 37        | 24.19                    | 24.66                       | 24.70                     |                        |
| 15              | 16QAM      | 1       | 74        | 24.21                    | 24.55                       | 24.47                     |                        |
| 15              | 16QAM      | 36      | 0         | 23.50                    | 23.47                       | 23.40                     | 23.7                   |
| 15              | 16QAM      | 36      | 20        | 23.48                    | 23.52                       | 23.45                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.29                    | 23.48                       | 23.40                     |                        |
| 15              | 16QAM      | 75      | 0         | 23.43                    | 23.48                       | 23.38                     |                        |
| 15              | 64QAM      | 1       | 0         | 23.49                    | 23.55                       | 23.63                     | 23.7                   |
| 15              | 64QAM      | 1       | 37        | 23.44                    | 23.51                       | 23.63                     |                        |
| 15              | 64QAM      | 1       | 74        | 23.48                    | 23.52                       | 23.60                     |                        |
| 15              | 64QAM      | 36      | 0         | 22.50                    | 22.52                       | 22.45                     | 22.7                   |
| 15              | 64QAM      | 36      | 20        | 22.40                    | 22.48                       | 22.46                     |                        |
| 15              | 64QAM      | 36      | 39        | 22.37                    | 22.46                       | 22.40                     |                        |
| 15              | 64QAM      | 75      | 0         | 22.44                    | 22.43                       | 22.35                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.42                    | 20.45                       | 20.53                     | 20.7                   |
| 15              | 256QAM     | 1       | 37        | 20.33                    | 20.36                       | 20.24                     |                        |
| 15              | 256QAM     | 1       | 74        | 20.40                    | 20.42                       | 20.42                     |                        |
| 15              | 256QAM     | 36      | 0         | 20.18                    | 20.36                       | 20.30                     | 20.7                   |
| 15              | 256QAM     | 36      | 20        | 20.24                    | 20.43                       | 20.24                     |                        |
| 15              | 256QAM     | 36      | 39        | 20.47                    | 20.50                       | 20.46                     |                        |
| 15              | 256QAM     | 75      | 0         | 20.34                    | 20.39                       | 20.28                     |                        |
| Channel         |            |         |           | 26740                    | 26865                       | 26990                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 25.22                    | 25.27                       | 25.25                     | 25.7                   |
| 10              | QPSK       | 1       | 25        | 25.22                    | 25.29                       | 25.13                     |                        |
| 10              | QPSK       | 1       | 49        | 25.05                    | 25.17                       | 25.14                     |                        |
| 10              | QPSK       | 25      | 0         | 24.34                    | 24.29                       | 24.30                     | 24.7                   |
| 10              | QPSK       | 25      | 12        | 24.25                    | 24.38                       | 24.25                     |                        |
| 10              | QPSK       | 25      | 25        | 24.18                    | 24.36                       | 24.38                     |                        |
| 10              | QPSK       | 50      | 0         | 24.29                    | 24.37                       | 24.23                     |                        |
| 10              | 16QAM      | 1       | 0         | 24.18                    | 24.33                       | 24.45                     | 24.7                   |
| 10              | 16QAM      | 1       | 25        | 24.02                    | 24.51                       | 24.60                     |                        |
| 10              | 16QAM      | 1       | 49        | 24.10                    | 24.38                       | 24.36                     |                        |
| 10              | 16QAM      | 25      | 0         | 23.34                    | 23.33                       | 23.20                     | 23.7                   |
| 10              | 16QAM      | 25      | 12        | 23.31                    | 23.40                       | 23.26                     |                        |
| 10              | 16QAM      | 25      | 25        | 23.14                    | 23.37                       | 23.21                     |                        |
| 10              | 16QAM      | 50      | 0         | 23.30                    | 23.37                       | 23.28                     |                        |
| 10              | 64QAM      | 1       | 0         | 23.31                    | 23.35                       | 23.47                     | 23.7                   |
| 10              | 64QAM      | 1       | 25        | 23.32                    | 23.32                       | 23.49                     |                        |
| 10              | 64QAM      | 1       | 49        | 23.31                    | 23.34                       | 23.40                     |                        |
| 10              | 64QAM      | 25      | 0         | 22.34                    | 22.34                       | 22.25                     | 22.7                   |
| 10              | 64QAM      | 25      | 12        | 22.24                    | 22.30                       | 22.34                     |                        |
| 10              | 64QAM      | 25      | 25        | 22.25                    | 22.35                       | 22.27                     |                        |
| 10              | 64QAM      | 50      | 0         | 22.30                    | 22.23                       | 22.17                     |                        |
| 10              | 256QAM     | 1       | 0         | 20.32                    | 20.32                       | 20.41                     | 20.7                   |
| 10              | 256QAM     | 1       | 25        | 20.23                    | 20.22                       | 20.13                     |                        |
| 10              | 256QAM     | 1       | 49        | 20.22                    | 20.32                       | 20.31                     |                        |
| 10              | 256QAM     | 25      | 0         | 20.08                    | 20.23                       | 20.14                     | 20.7                   |
| 10              | 256QAM     | 25      | 12        | 20.07                    | 20.23                       | 20.07                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10              | 256QAM | 25 | 25 | 20.30 | 20.35 | 20.33 | Tune-up limit (dBm) |
| 10              | 256QAM | 50 | 0  | 20.20 | 20.22 | 20.17 |                     |
| Channel         |        |    |    | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 816.5 | 831.5 | 846.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.30 | 25.37 | 25.23 | 25.7                |
| 5               | QPSK   | 1  | 12 | 25.21 | 25.28 | 25.11 |                     |
| 5               | QPSK   | 1  | 24 | 25.13 | 25.10 | 25.19 |                     |
| 5               | QPSK   | 12 | 0  | 24.32 | 24.39 | 24.34 | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.22 | 24.32 | 24.33 |                     |
| 5               | QPSK   | 12 | 13 | 24.20 | 24.32 | 24.34 |                     |
| 5               | QPSK   | 25 | 0  | 24.28 | 24.36 | 24.28 |                     |
| 5               | 16QAM  | 1  | 0  | 24.12 | 24.38 | 24.47 | 24.7                |
| 5               | 16QAM  | 1  | 12 | 23.99 | 24.51 | 24.55 |                     |
| 5               | 16QAM  | 1  | 24 | 24.02 | 24.37 | 24.32 |                     |
| 5               | 16QAM  | 12 | 0  | 23.40 | 23.30 | 23.29 | 23.7                |
| 5               | 16QAM  | 12 | 7  | 23.35 | 23.38 | 23.26 |                     |
| 5               | 16QAM  | 12 | 13 | 23.19 | 23.32 | 23.26 |                     |
| 5               | 16QAM  | 25 | 0  | 23.28 | 23.29 | 23.18 |                     |
| 5               | 64QAM  | 1  | 0  | 23.32 | 23.36 | 23.46 | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.26 | 23.31 | 23.45 |                     |
| 5               | 64QAM  | 1  | 24 | 23.32 | 23.36 | 23.50 |                     |
| 5               | 64QAM  | 12 | 0  | 22.34 | 22.33 | 22.35 | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.30 | 22.34 | 22.28 |                     |
| 5               | 64QAM  | 12 | 13 | 22.19 | 22.27 | 22.25 |                     |
| 5               | 64QAM  | 25 | 0  | 22.29 | 22.24 | 22.20 |                     |
| 5               | 256QAM | 1  | 0  | 20.30 | 20.32 | 20.40 | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.14 | 20.25 | 20.09 |                     |
| 5               | 256QAM | 1  | 24 | 20.23 | 20.28 | 20.32 |                     |
| 5               | 256QAM | 12 | 0  | 19.99 | 20.23 | 20.10 | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.09 | 20.30 | 20.04 |                     |
| 5               | 256QAM | 12 | 13 | 20.27 | 20.39 | 20.33 |                     |
| 5               | 256QAM | 25 | 0  | 20.17 | 20.29 | 20.08 |                     |
| Channel         |        |    |    | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 815.5 | 831.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 25.22 | 25.29 | 25.24 | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.21 | 25.21 | 25.07 |                     |
| 3               | QPSK   | 1  | 14 | 25.05 | 25.16 | 25.18 |                     |
| 3               | QPSK   | 8  | 0  | 24.31 | 24.33 | 24.37 | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.24 | 24.39 | 24.34 |                     |
| 3               | QPSK   | 8  | 7  | 24.25 | 24.37 | 24.29 |                     |
| 3               | QPSK   | 15 | 0  | 24.23 | 24.37 | 24.31 |                     |
| 3               | 16QAM  | 1  | 0  | 24.19 | 24.36 | 24.44 | 24.7                |
| 3               | 16QAM  | 1  | 8  | 24.04 | 24.51 | 24.55 |                     |
| 3               | 16QAM  | 1  | 14 | 24.07 | 24.35 | 24.35 |                     |
| 3               | 16QAM  | 8  | 0  | 23.31 | 23.37 | 23.22 | 23.7                |
| 3               | 16QAM  | 8  | 4  | 23.31 | 23.34 | 23.32 |                     |
| 3               | 16QAM  | 8  | 7  | 23.10 | 23.34 | 23.27 |                     |
| 3               | 16QAM  | 15 | 0  | 23.31 | 23.37 | 23.19 |                     |
| 3               | 64QAM  | 1  | 0  | 23.36 | 23.42 | 23.46 | 23.7                |
| 3               | 64QAM  | 1  | 8  | 23.34 | 23.38 | 23.51 |                     |
| 3               | 64QAM  | 1  | 14 | 23.34 | 23.39 | 23.43 |                     |
| 3               | 64QAM  | 8  | 0  | 22.31 | 22.36 | 22.31 | 22.7                |
| 3               | 64QAM  | 8  | 4  | 22.26 | 22.38 | 22.34 |                     |
| 3               | 64QAM  | 8  | 7  | 22.19 | 22.27 | 22.21 |                     |
| 3               | 64QAM  | 15 | 0  | 22.31 | 22.31 | 22.15 |                     |
| 3               | 256QAM | 1  | 0  | 20.27 | 20.31 | 20.38 | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.18 | 20.22 | 20.05 |                     |
| 3               | 256QAM | 1  | 14 | 20.23 | 20.26 | 20.32 |                     |
| 3               | 256QAM | 8  | 0  | 20.01 | 20.16 | 20.18 | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.12 | 20.26 | 20.12 |                     |
| 3               | 256QAM | 8  | 7  | 20.30 | 20.30 | 20.33 |                     |
| 3               | 256QAM | 15 | 0  | 20.21 | 20.19 | 20.11 |                     |
| Channel         |        |    |    | 26697 | 26865 | 27033 | Tune-up limit       |



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| Frequency (MHz) |        |   |   | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4             | QPSK   | 1 | 0 | 25.11 | 25.18 | 25.03 | 25.7  |
| 1.4             | QPSK   | 1 | 3 | 25.06 | 25.14 | 24.92 |       |
| 1.4             | QPSK   | 1 | 5 | 24.94 | 24.99 | 24.98 |       |
| 1.4             | QPSK   | 3 | 0 | 25.06 | 25.20 | 25.07 |       |
| 1.4             | QPSK   | 3 | 1 | 25.10 | 25.15 | 24.93 |       |
| 1.4             | QPSK   | 3 | 3 | 24.98 | 24.98 | 24.96 |       |
| 1.4             | QPSK   | 6 | 0 | 24.08 | 24.24 | 24.12 | 24.7  |
| 1.4             | 16QAM  | 1 | 0 | 24.00 | 24.23 | 24.37 | 24.7  |
| 1.4             | 16QAM  | 1 | 3 | 23.95 | 24.40 | 24.44 |       |
| 1.4             | 16QAM  | 1 | 5 | 23.92 | 24.23 | 24.20 |       |
| 1.4             | 16QAM  | 3 | 0 | 23.94 | 24.25 | 24.41 |       |
| 1.4             | 16QAM  | 3 | 1 | 23.86 | 24.40 | 24.37 |       |
| 1.4             | 16QAM  | 3 | 3 | 23.95 | 24.24 | 24.14 |       |
| 1.4             | 16QAM  | 6 | 0 | 23.13 | 23.21 | 23.14 | 23.7  |
| 1.4             | 64QAM  | 1 | 0 | 23.22 | 23.33 | 23.36 | 23.7  |
| 1.4             | 64QAM  | 1 | 3 | 23.09 | 23.22 | 23.34 |       |
| 1.4             | 64QAM  | 1 | 5 | 23.11 | 23.25 | 23.34 |       |
| 1.4             | 64QAM  | 3 | 0 | 23.29 | 23.29 | 23.36 |       |
| 1.4             | 64QAM  | 3 | 1 | 23.06 | 23.22 | 23.38 |       |
| 1.4             | 64QAM  | 3 | 3 | 23.12 | 23.18 | 23.32 |       |
| 1.4             | 64QAM  | 6 | 0 | 22.22 | 22.17 | 22.00 | 22.7  |
| 1.4             | 256QAM | 1 | 0 | 20.21 | 20.23 | 20.31 | 20.7  |
| 1.4             | 256QAM | 1 | 3 | 20.09 | 20.11 | 20.03 |       |
| 1.4             | 256QAM | 1 | 5 | 20.10 | 20.14 | 20.21 |       |
| 1.4             | 256QAM | 3 | 0 | 20.15 | 20.16 | 20.25 |       |
| 1.4             | 256QAM | 3 | 1 | 20.08 | 20.02 | 20.03 |       |
| 1.4             | 256QAM | 3 | 3 | 20.11 | 20.14 | 20.11 |       |
| 1.4             | 256QAM | 6 | 0 | 20.02 | 20.09 | 19.97 | 20.7  |



&lt;LTE Band 26\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26765                    | 26865                       | 26965                     |                        |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | QPSK       | 1       | 0         | 22.68                    | 22.89                       | 22.75                     |                        |
| 15              | QPSK       | 1       | 37        | 22.76                    | 22.88                       | 22.79                     | 23.5                   |
| 15              | QPSK       | 1       | 74        | 22.74                    | 22.78                       | 22.74                     |                        |
| 15              | QPSK       | 36      | 0         | 21.69                    | 21.95                       | 21.80                     |                        |
| 15              | QPSK       | 36      | 20        | 21.83                    | 21.83                       | 21.90                     | 22.5                   |
| 15              | QPSK       | 36      | 39        | 21.76                    | 21.91                       | 21.89                     |                        |
| 15              | QPSK       | 75      | 0         | 21.76                    | 21.84                       | 21.77                     |                        |
| 15              | 16QAM      | 1       | 0         | 22.01                    | 21.97                       | 22.08                     | 22.5                   |
| 15              | 16QAM      | 1       | 37        | 22.12                    | 22.12                       | 22.21                     |                        |
| 15              | 16QAM      | 1       | 74        | 22.02                    | 22.11                       | 22.02                     |                        |
| 15              | 16QAM      | 36      | 0         | 20.71                    | 20.83                       | 20.85                     | 21.5                   |
| 15              | 16QAM      | 36      | 20        | 20.86                    | 20.85                       | 20.89                     |                        |
| 15              | 16QAM      | 36      | 39        | 20.84                    | 20.93                       | 20.85                     |                        |
| 15              | 16QAM      | 75      | 0         | 20.79                    | 20.81                       | 20.76                     | 21.5                   |
| 15              | 64QAM      | 1       | 0         | 20.98                    | 20.98                       | 21.02                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.87                    | 21.05                       | 20.99                     |                        |
| 15              | 64QAM      | 1       | 74        | 20.84                    | 20.98                       | 20.95                     | 20.5                   |
| 15              | 64QAM      | 36      | 0         | 19.71                    | 19.84                       | 19.77                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.82                    | 19.87                       | 19.91                     |                        |
| 15              | 64QAM      | 36      | 39        | 19.82                    | 19.92                       | 19.87                     | 18.5                   |
| 15              | 64QAM      | 75      | 0         | 19.80                    | 19.87                       | 19.80                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.60                    | 17.84                       | 17.58                     |                        |
| 15              | 256QAM     | 1       | 37        | 17.73                    | 17.73                       | 17.88                     | 18.5                   |
| 15              | 256QAM     | 1       | 74        | 17.63                    | 17.85                       | 17.83                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.69                    | 17.74                       | 17.62                     |                        |
| 15              | 256QAM     | 36      | 20        | 17.64                    | 17.68                       | 17.73                     | 21.5                   |
| 15              | 256QAM     | 36      | 39        | 17.72                    | 17.84                       | 17.74                     |                        |
| 15              | 256QAM     | 75      | 0         | 17.62                    | 17.77                       | 17.63                     |                        |
| Channel         |            |         |           | 26740                    | 26865                       | 26990                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.49                    | 22.69                       | 22.62                     |                        |
| 10              | QPSK       | 1       | 25        | 22.66                    | 22.73                       | 22.66                     | 23.5                   |
| 10              | QPSK       | 1       | 49        | 22.62                    | 22.65                       | 22.63                     |                        |
| 10              | QPSK       | 25      | 0         | 21.57                    | 21.78                       | 21.67                     |                        |
| 10              | QPSK       | 25      | 12        | 21.67                    | 21.64                       | 21.80                     | 22.5                   |
| 10              | QPSK       | 25      | 25        | 21.64                    | 21.78                       | 21.72                     |                        |
| 10              | QPSK       | 50      | 0         | 21.64                    | 21.69                       | 21.66                     |                        |
| 10              | 16QAM      | 1       | 0         | 21.86                    | 21.85                       | 21.91                     | 22.5                   |
| 10              | 16QAM      | 1       | 25        | 21.97                    | 21.94                       | 22.05                     |                        |
| 10              | 16QAM      | 1       | 49        | 21.82                    | 21.97                       | 21.85                     |                        |
| 10              | 16QAM      | 25      | 0         | 20.52                    | 20.65                       | 20.73                     | 21.5                   |
| 10              | 16QAM      | 25      | 12        | 20.70                    | 20.65                       | 20.75                     |                        |
| 10              | 16QAM      | 25      | 25        | 20.72                    | 20.75                       | 20.65                     |                        |
| 10              | 16QAM      | 50      | 0         | 20.69                    | 20.70                       | 20.59                     | 21.5                   |
| 10              | 64QAM      | 1       | 0         | 20.79                    | 20.85                       | 20.82                     |                        |
| 10              | 64QAM      | 1       | 25        | 20.72                    | 20.92                       | 20.79                     |                        |
| 10              | 64QAM      | 1       | 49        | 20.72                    | 20.88                       | 20.79                     | 20.5                   |
| 10              | 64QAM      | 25      | 0         | 19.57                    | 19.72                       | 19.65                     |                        |
| 10              | 64QAM      | 25      | 12        | 19.67                    | 19.77                       | 19.79                     |                        |
| 10              | 64QAM      | 25      | 25        | 19.64                    | 19.81                       | 19.73                     | 18.5                   |
| 10              | 64QAM      | 50      | 0         | 19.65                    | 19.72                       | 19.65                     |                        |
| 10              | 256QAM     | 1       | 0         | 17.41                    | 17.70                       | 17.46                     |                        |
| 10              | 256QAM     | 1       | 25        | 17.63                    | 17.63                       | 17.72                     | 18.5                   |
| 10              | 256QAM     | 1       | 49        | 17.50                    | 17.75                       | 17.69                     |                        |
| 10              | 256QAM     | 25      | 0         | 17.57                    | 17.54                       | 17.46                     |                        |
| 10              | 256QAM     | 25      | 12        | 17.44                    | 17.49                       | 17.59                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10              | 256QAM | 25 | 25 | 17.52 | 17.66 | 17.57 | Tune-up limit (dBm) |
| 10              | 256QAM | 50 | 0  | 17.46 | 17.59 | 17.46 |                     |
| Channel         |        |    |    | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 816.5 | 831.5 | 846.5 |                     |
| 5               | QPSK   | 1  | 0  | 22.57 | 22.78 | 22.62 | 23.5                |
| 5               | QPSK   | 1  | 12 | 22.59 | 22.68 | 22.62 |                     |
| 5               | QPSK   | 1  | 24 | 22.62 | 22.61 | 22.59 |                     |
| 5               | QPSK   | 12 | 0  | 21.50 | 21.77 | 21.70 | 22.5                |
| 5               | QPSK   | 12 | 7  | 21.65 | 21.63 | 21.70 |                     |
| 5               | QPSK   | 12 | 13 | 21.63 | 21.72 | 21.74 |                     |
| 5               | QPSK   | 25 | 0  | 21.64 | 21.73 | 21.58 |                     |
| 5               | 16QAM  | 1  | 0  | 21.83 | 21.83 | 21.97 | 22.5                |
| 5               | 16QAM  | 1  | 12 | 22.02 | 21.97 | 22.10 |                     |
| 5               | 16QAM  | 1  | 24 | 21.92 | 21.92 | 21.91 |                     |
| 5               | 16QAM  | 12 | 0  | 20.52 | 20.70 | 20.74 | 21.5                |
| 5               | 16QAM  | 12 | 7  | 20.72 | 20.71 | 20.74 |                     |
| 5               | 16QAM  | 12 | 13 | 20.68 | 20.76 | 20.65 |                     |
| 5               | 16QAM  | 25 | 0  | 20.61 | 20.62 | 20.58 |                     |
| 5               | 64QAM  | 1  | 0  | 20.78 | 20.81 | 20.92 | 21.5                |
| 5               | 64QAM  | 1  | 12 | 20.73 | 20.87 | 20.79 |                     |
| 5               | 64QAM  | 1  | 24 | 20.69 | 20.87 | 20.77 |                     |
| 5               | 64QAM  | 12 | 0  | 19.59 | 19.65 | 19.65 | 20.5                |
| 5               | 64QAM  | 12 | 7  | 19.70 | 19.73 | 19.72 |                     |
| 5               | 64QAM  | 12 | 13 | 19.67 | 19.78 | 19.73 |                     |
| 5               | 64QAM  | 25 | 0  | 19.65 | 19.75 | 19.64 |                     |
| 5               | 256QAM | 1  | 0  | 17.47 | 17.64 | 17.47 | 18.5                |
| 5               | 256QAM | 1  | 12 | 17.62 | 17.61 | 17.74 |                     |
| 5               | 256QAM | 1  | 24 | 17.52 | 17.70 | 17.67 |                     |
| 5               | 256QAM | 12 | 0  | 17.50 | 17.60 | 17.47 | 18.5                |
| 5               | 256QAM | 12 | 7  | 17.51 | 17.53 | 17.57 |                     |
| 5               | 256QAM | 12 | 13 | 17.52 | 17.69 | 17.60 |                     |
| 5               | 256QAM | 25 | 0  | 17.49 | 17.58 | 17.47 |                     |
| Channel         |        |    |    | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 815.5 | 831.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 22.53 | 22.78 | 22.56 | 23.5                |
| 3               | QPSK   | 1  | 8  | 22.60 | 22.72 | 22.66 |                     |
| 3               | QPSK   | 1  | 14 | 22.63 | 22.59 | 22.64 |                     |
| 3               | QPSK   | 8  | 0  | 21.55 | 21.85 | 21.64 | 22.5                |
| 3               | QPSK   | 8  | 4  | 21.65 | 21.72 | 21.75 |                     |
| 3               | QPSK   | 8  | 7  | 21.65 | 21.80 | 21.76 |                     |
| 3               | QPSK   | 15 | 0  | 21.58 | 21.67 | 21.65 |                     |
| 3               | 16QAM  | 1  | 0  | 21.82 | 21.83 | 21.90 | 22.5                |
| 3               | 16QAM  | 1  | 8  | 21.93 | 21.99 | 22.01 |                     |
| 3               | 16QAM  | 1  | 14 | 21.92 | 21.98 | 21.82 |                     |
| 3               | 16QAM  | 8  | 0  | 20.55 | 20.65 | 20.72 |                     |
| 3               | 16QAM  | 8  | 4  | 20.73 | 20.75 | 20.70 | 21.5                |
| 3               | 16QAM  | 8  | 7  | 20.66 | 20.79 | 20.72 |                     |
| 3               | 16QAM  | 15 | 0  | 20.64 | 20.67 | 20.61 |                     |
| 3               | 64QAM  | 1  | 0  | 20.78 | 20.82 | 20.83 |                     |
| 3               | 64QAM  | 1  | 8  | 20.73 | 20.91 | 20.82 | 21.5                |
| 3               | 64QAM  | 1  | 14 | 20.73 | 20.80 | 20.84 |                     |
| 3               | 64QAM  | 8  | 0  | 19.61 | 19.67 | 19.67 |                     |
| 3               | 64QAM  | 8  | 4  | 19.70 | 19.70 | 19.73 |                     |
| 3               | 64QAM  | 8  | 7  | 19.70 | 19.79 | 19.67 | 20.5                |
| 3               | 64QAM  | 15 | 0  | 19.70 | 19.70 | 19.62 |                     |
| 3               | 256QAM | 1  | 0  | 17.45 | 17.67 | 17.39 |                     |
| 3               | 256QAM | 1  | 8  | 17.58 | 17.55 | 17.78 |                     |
| 3               | 256QAM | 1  | 14 | 17.43 | 17.71 | 17.68 | 18.5                |
| 3               | 256QAM | 8  | 0  | 17.54 | 17.63 | 17.49 |                     |
| 3               | 256QAM | 8  | 4  | 17.45 | 17.48 | 17.57 |                     |
| 3               | 256QAM | 8  | 7  | 17.56 | 17.64 | 17.60 |                     |
| 3               | 256QAM | 15 | 0  | 17.48 | 17.59 | 17.48 | Tune-up limit       |
| Channel         |        |    |    | 26697 | 26865 | 27033 |                     |



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| Frequency (MHz) |        |   |   | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4             | QPSK   | 1 | 0 | 22.30 | 22.55 | 22.44 | 23.5  |
| 1.4             | QPSK   | 1 | 3 | 22.47 | 22.58 | 22.49 |       |
| 1.4             | QPSK   | 1 | 5 | 22.38 | 22.49 | 22.47 |       |
| 1.4             | QPSK   | 3 | 0 | 22.33 | 22.59 | 22.43 |       |
| 1.4             | QPSK   | 3 | 1 | 22.49 | 22.63 | 22.49 |       |
| 1.4             | QPSK   | 3 | 3 | 22.34 | 22.49 | 22.44 |       |
| 1.4             | QPSK   | 6 | 0 | 21.54 | 21.55 | 21.52 | 22.5  |
| 1.4             | 16QAM  | 1 | 0 | 21.78 | 21.69 | 21.76 | 22.5  |
| 1.4             | 16QAM  | 1 | 3 | 21.82 | 21.76 | 21.94 |       |
| 1.4             | 16QAM  | 1 | 5 | 21.72 | 21.77 | 21.74 |       |
| 1.4             | 16QAM  | 3 | 0 | 21.72 | 21.72 | 21.71 |       |
| 1.4             | 16QAM  | 3 | 1 | 21.84 | 21.82 | 21.98 |       |
| 1.4             | 16QAM  | 3 | 3 | 21.68 | 21.77 | 21.79 |       |
| 1.4             | 16QAM  | 6 | 0 | 20.56 | 20.50 | 20.50 | 21.5  |
| 1.4             | 64QAM  | 1 | 0 | 20.62 | 20.69 | 20.73 | 21.5  |
| 1.4             | 64QAM  | 1 | 3 | 20.59 | 20.72 | 20.72 |       |
| 1.4             | 64QAM  | 1 | 5 | 20.53 | 20.71 | 20.73 |       |
| 1.4             | 64QAM  | 3 | 0 | 20.62 | 20.59 | 20.70 |       |
| 1.4             | 64QAM  | 3 | 1 | 20.55 | 20.74 | 20.69 |       |
| 1.4             | 64QAM  | 3 | 3 | 20.47 | 20.70 | 20.64 |       |
| 1.4             | 64QAM  | 6 | 0 | 19.48 | 19.63 | 19.50 | 20.5  |
| 1.4             | 256QAM | 1 | 0 | 17.32 | 17.50 | 17.22 | 18.5  |
| 1.4             | 256QAM | 1 | 3 | 17.36 | 17.39 | 17.52 |       |
| 1.4             | 256QAM | 1 | 5 | 17.33 | 17.47 | 17.54 |       |
| 1.4             | 256QAM | 3 | 0 | 17.31 | 17.49 | 17.27 |       |
| 1.4             | 256QAM | 3 | 1 | 17.46 | 17.45 | 17.61 |       |
| 1.4             | 256QAM | 3 | 3 | 17.24 | 17.47 | 17.55 |       |
| 1.4             | 256QAM | 6 | 0 | 17.27 | 17.54 | 17.33 | 18.5  |



&lt;LTE Band 26\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 26765                    | 26865                       | 26965                     |                        |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | QPSK       | 1       | 0         | 22.68                    | 22.89                       | 22.75                     |                        |
| 15              | QPSK       | 1       | 37        | 22.76                    | 22.88                       | 22.79                     | 23.5                   |
| 15              | QPSK       | 1       | 74        | 22.74                    | 22.78                       | 22.74                     |                        |
| 15              | QPSK       | 36      | 0         | 21.69                    | 21.95                       | 21.80                     |                        |
| 15              | QPSK       | 36      | 20        | 21.83                    | 21.83                       | 21.90                     | 22.5                   |
| 15              | QPSK       | 36      | 39        | 21.76                    | 21.91                       | 21.89                     |                        |
| 15              | QPSK       | 75      | 0         | 21.76                    | 21.84                       | 21.77                     |                        |
| 15              | 16QAM      | 1       | 0         | 22.01                    | 21.97                       | 22.08                     | 22.5                   |
| 15              | 16QAM      | 1       | 37        | 22.12                    | 22.12                       | 22.21                     |                        |
| 15              | 16QAM      | 1       | 74        | 22.02                    | 22.11                       | 22.02                     |                        |
| 15              | 16QAM      | 36      | 0         | 20.71                    | 20.83                       | 20.85                     | 21.5                   |
| 15              | 16QAM      | 36      | 20        | 20.86                    | 20.85                       | 20.89                     |                        |
| 15              | 16QAM      | 36      | 39        | 20.84                    | 20.93                       | 20.85                     |                        |
| 15              | 16QAM      | 75      | 0         | 20.79                    | 20.81                       | 20.76                     | 21.5                   |
| 15              | 64QAM      | 1       | 0         | 20.98                    | 20.98                       | 21.02                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.87                    | 21.05                       | 20.99                     |                        |
| 15              | 64QAM      | 1       | 74        | 20.84                    | 20.98                       | 20.95                     | 20.5                   |
| 15              | 64QAM      | 36      | 0         | 19.71                    | 19.84                       | 19.77                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.82                    | 19.87                       | 19.91                     |                        |
| 15              | 64QAM      | 36      | 39        | 19.82                    | 19.92                       | 19.87                     | 18.5                   |
| 15              | 64QAM      | 75      | 0         | 19.80                    | 19.87                       | 19.80                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.60                    | 17.84                       | 17.58                     |                        |
| 15              | 256QAM     | 1       | 37        | 17.73                    | 17.73                       | 17.88                     | 18.5                   |
| 15              | 256QAM     | 1       | 74        | 17.63                    | 17.85                       | 17.83                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.69                    | 17.74                       | 17.62                     |                        |
| 15              | 256QAM     | 36      | 20        | 17.64                    | 17.68                       | 17.73                     | 21.5                   |
| 15              | 256QAM     | 36      | 39        | 17.72                    | 17.84                       | 17.74                     |                        |
| 15              | 256QAM     | 75      | 0         | 17.62                    | 17.77                       | 17.63                     |                        |
| Channel         |            |         |           | 26740                    | 26865                       | 26990                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | QPSK       | 1       | 0         | 22.49                    | 22.69                       | 22.62                     |                        |
| 10              | QPSK       | 1       | 25        | 22.66                    | 22.73                       | 22.66                     | 23.5                   |
| 10              | QPSK       | 1       | 49        | 22.62                    | 22.65                       | 22.63                     |                        |
| 10              | QPSK       | 25      | 0         | 21.57                    | 21.78                       | 21.67                     |                        |
| 10              | QPSK       | 25      | 12        | 21.67                    | 21.64                       | 21.80                     | 22.5                   |
| 10              | QPSK       | 25      | 25        | 21.64                    | 21.78                       | 21.72                     |                        |
| 10              | QPSK       | 50      | 0         | 21.64                    | 21.69                       | 21.66                     |                        |
| 10              | 16QAM      | 1       | 0         | 21.86                    | 21.85                       | 21.91                     | 22.5                   |
| 10              | 16QAM      | 1       | 25        | 21.97                    | 21.94                       | 22.05                     |                        |
| 10              | 16QAM      | 1       | 49        | 21.82                    | 21.97                       | 21.85                     |                        |
| 10              | 16QAM      | 25      | 0         | 20.52                    | 20.65                       | 20.73                     | 21.5                   |
| 10              | 16QAM      | 25      | 12        | 20.70                    | 20.65                       | 20.75                     |                        |
| 10              | 16QAM      | 25      | 25        | 20.72                    | 20.75                       | 20.65                     |                        |
| 10              | 16QAM      | 50      | 0         | 20.69                    | 20.70                       | 20.59                     | 21.5                   |
| 10              | 64QAM      | 1       | 0         | 20.79                    | 20.85                       | 20.82                     |                        |
| 10              | 64QAM      | 1       | 25        | 20.72                    | 20.92                       | 20.79                     |                        |
| 10              | 64QAM      | 1       | 49        | 20.72                    | 20.88                       | 20.79                     | 20.5                   |
| 10              | 64QAM      | 25      | 0         | 19.57                    | 19.72                       | 19.65                     |                        |
| 10              | 64QAM      | 25      | 12        | 19.67                    | 19.77                       | 19.79                     |                        |
| 10              | 64QAM      | 25      | 25        | 19.64                    | 19.81                       | 19.73                     | 18.5                   |
| 10              | 64QAM      | 50      | 0         | 19.65                    | 19.72                       | 19.65                     |                        |
| 10              | 256QAM     | 1       | 0         | 17.41                    | 17.70                       | 17.46                     |                        |
| 10              | 256QAM     | 1       | 25        | 17.63                    | 17.63                       | 17.72                     | 18.5                   |
| 10              | 256QAM     | 1       | 49        | 17.50                    | 17.75                       | 17.69                     |                        |
| 10              | 256QAM     | 25      | 0         | 17.57                    | 17.54                       | 17.46                     |                        |
| 10              | 256QAM     | 25      | 12        | 17.44                    | 17.49                       | 17.59                     |                        |



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|                 |        |    |    |       |       |       |                     |
|-----------------|--------|----|----|-------|-------|-------|---------------------|
| 10              | 256QAM | 25 | 25 | 17.52 | 17.66 | 17.57 | Tune-up limit (dBm) |
| 10              | 256QAM | 50 | 0  | 17.46 | 17.59 | 17.46 |                     |
| Channel         |        |    |    | 26715 | 26865 | 27015 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 816.5 | 831.5 | 846.5 |                     |
| 5               | QPSK   | 1  | 0  | 22.57 | 22.78 | 22.62 | 23.5                |
| 5               | QPSK   | 1  | 12 | 22.59 | 22.68 | 22.62 |                     |
| 5               | QPSK   | 1  | 24 | 22.62 | 22.61 | 22.59 |                     |
| 5               | QPSK   | 12 | 0  | 21.50 | 21.77 | 21.70 | 22.5                |
| 5               | QPSK   | 12 | 7  | 21.65 | 21.63 | 21.70 |                     |
| 5               | QPSK   | 12 | 13 | 21.63 | 21.72 | 21.74 |                     |
| 5               | QPSK   | 25 | 0  | 21.64 | 21.73 | 21.58 |                     |
| 5               | 16QAM  | 1  | 0  | 21.83 | 21.83 | 21.97 | 22.5                |
| 5               | 16QAM  | 1  | 12 | 22.02 | 21.97 | 22.10 |                     |
| 5               | 16QAM  | 1  | 24 | 21.92 | 21.92 | 21.91 |                     |
| 5               | 16QAM  | 12 | 0  | 20.52 | 20.70 | 20.74 | 21.5                |
| 5               | 16QAM  | 12 | 7  | 20.72 | 20.71 | 20.74 |                     |
| 5               | 16QAM  | 12 | 13 | 20.68 | 20.76 | 20.65 |                     |
| 5               | 16QAM  | 25 | 0  | 20.61 | 20.62 | 20.58 |                     |
| 5               | 64QAM  | 1  | 0  | 20.78 | 20.81 | 20.92 | 21.5                |
| 5               | 64QAM  | 1  | 12 | 20.73 | 20.87 | 20.79 |                     |
| 5               | 64QAM  | 1  | 24 | 20.69 | 20.87 | 20.77 |                     |
| 5               | 64QAM  | 12 | 0  | 19.59 | 19.65 | 19.65 | 20.5                |
| 5               | 64QAM  | 12 | 7  | 19.70 | 19.73 | 19.72 |                     |
| 5               | 64QAM  | 12 | 13 | 19.67 | 19.78 | 19.73 |                     |
| 5               | 64QAM  | 25 | 0  | 19.65 | 19.75 | 19.64 |                     |
| 5               | 256QAM | 1  | 0  | 17.47 | 17.64 | 17.47 | 18.5                |
| 5               | 256QAM | 1  | 12 | 17.62 | 17.61 | 17.74 |                     |
| 5               | 256QAM | 1  | 24 | 17.52 | 17.70 | 17.67 |                     |
| 5               | 256QAM | 12 | 0  | 17.50 | 17.60 | 17.47 | 18.5                |
| 5               | 256QAM | 12 | 7  | 17.51 | 17.53 | 17.57 |                     |
| 5               | 256QAM | 12 | 13 | 17.52 | 17.69 | 17.60 |                     |
| 5               | 256QAM | 25 | 0  | 17.49 | 17.58 | 17.47 |                     |
| Channel         |        |    |    | 26705 | 26865 | 27025 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 815.5 | 831.5 | 847.5 |                     |
| 3               | QPSK   | 1  | 0  | 22.53 | 22.78 | 22.56 | 23.5                |
| 3               | QPSK   | 1  | 8  | 22.60 | 22.72 | 22.66 |                     |
| 3               | QPSK   | 1  | 14 | 22.63 | 22.59 | 22.64 |                     |
| 3               | QPSK   | 8  | 0  | 21.55 | 21.85 | 21.64 | 22.5                |
| 3               | QPSK   | 8  | 4  | 21.65 | 21.72 | 21.75 |                     |
| 3               | QPSK   | 8  | 7  | 21.65 | 21.80 | 21.76 |                     |
| 3               | QPSK   | 15 | 0  | 21.58 | 21.67 | 21.65 |                     |
| 3               | 16QAM  | 1  | 0  | 21.82 | 21.83 | 21.90 | 22.5                |
| 3               | 16QAM  | 1  | 8  | 21.93 | 21.99 | 22.01 |                     |
| 3               | 16QAM  | 1  | 14 | 21.92 | 21.98 | 21.82 |                     |
| 3               | 16QAM  | 8  | 0  | 20.55 | 20.65 | 20.72 |                     |
| 3               | 16QAM  | 8  | 4  | 20.73 | 20.75 | 20.70 | 21.5                |
| 3               | 16QAM  | 8  | 7  | 20.66 | 20.79 | 20.72 |                     |
| 3               | 16QAM  | 15 | 0  | 20.64 | 20.67 | 20.61 |                     |
| 3               | 64QAM  | 1  | 0  | 20.78 | 20.82 | 20.83 |                     |
| 3               | 64QAM  | 1  | 8  | 20.73 | 20.91 | 20.82 | 21.5                |
| 3               | 64QAM  | 1  | 14 | 20.73 | 20.80 | 20.84 |                     |
| 3               | 64QAM  | 8  | 0  | 19.61 | 19.67 | 19.67 |                     |
| 3               | 64QAM  | 8  | 4  | 19.70 | 19.70 | 19.73 | 20.5                |
| 3               | 64QAM  | 8  | 7  | 19.70 | 19.79 | 19.67 |                     |
| 3               | 64QAM  | 15 | 0  | 19.70 | 19.70 | 19.62 |                     |
| 3               | 256QAM | 1  | 0  | 17.45 | 17.67 | 17.39 |                     |
| 3               | 256QAM | 1  | 8  | 17.58 | 17.55 | 17.78 | 18.5                |
| 3               | 256QAM | 1  | 14 | 17.43 | 17.71 | 17.68 |                     |
| 3               | 256QAM | 8  | 0  | 17.54 | 17.63 | 17.49 |                     |
| 3               | 256QAM | 8  | 4  | 17.45 | 17.48 | 17.57 | 18.5                |
| 3               | 256QAM | 8  | 7  | 17.56 | 17.64 | 17.60 |                     |
| 3               | 256QAM | 15 | 0  | 17.48 | 17.59 | 17.48 |                     |
| Channel         |        |    |    | 26697 | 26865 | 27033 | Tune-up limit       |



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| Frequency (MHz) |        |   |   | 814.7 | 831.5 | 848.3 | (dBm) |
|-----------------|--------|---|---|-------|-------|-------|-------|
| 1.4             | QPSK   | 1 | 0 | 22.30 | 22.55 | 22.44 | 23.5  |
| 1.4             | QPSK   | 1 | 3 | 22.47 | 22.58 | 22.49 |       |
| 1.4             | QPSK   | 1 | 5 | 22.38 | 22.49 | 22.47 |       |
| 1.4             | QPSK   | 3 | 0 | 22.33 | 22.59 | 22.43 |       |
| 1.4             | QPSK   | 3 | 1 | 22.49 | 22.63 | 22.49 |       |
| 1.4             | QPSK   | 3 | 3 | 22.34 | 22.49 | 22.44 |       |
| 1.4             | QPSK   | 6 | 0 | 21.54 | 21.55 | 21.52 | 22.5  |
| 1.4             | 16QAM  | 1 | 0 | 21.78 | 21.69 | 21.76 | 22.5  |
| 1.4             | 16QAM  | 1 | 3 | 21.82 | 21.76 | 21.94 |       |
| 1.4             | 16QAM  | 1 | 5 | 21.72 | 21.77 | 21.74 |       |
| 1.4             | 16QAM  | 3 | 0 | 21.72 | 21.72 | 21.71 |       |
| 1.4             | 16QAM  | 3 | 1 | 21.84 | 21.82 | 21.98 |       |
| 1.4             | 16QAM  | 3 | 3 | 21.68 | 21.77 | 21.79 |       |
| 1.4             | 16QAM  | 6 | 0 | 20.56 | 20.50 | 20.50 | 21.5  |
| 1.4             | 64QAM  | 1 | 0 | 20.62 | 20.69 | 20.73 | 21.5  |
| 1.4             | 64QAM  | 1 | 3 | 20.59 | 20.72 | 20.72 |       |
| 1.4             | 64QAM  | 1 | 5 | 20.53 | 20.71 | 20.73 |       |
| 1.4             | 64QAM  | 3 | 0 | 20.62 | 20.59 | 20.70 |       |
| 1.4             | 64QAM  | 3 | 1 | 20.55 | 20.74 | 20.69 |       |
| 1.4             | 64QAM  | 3 | 3 | 20.47 | 20.70 | 20.64 |       |
| 1.4             | 64QAM  | 6 | 0 | 19.48 | 19.63 | 19.50 | 20.5  |
| 1.4             | 256QAM | 1 | 0 | 17.32 | 17.50 | 17.22 | 18.5  |
| 1.4             | 256QAM | 1 | 3 | 17.36 | 17.39 | 17.52 |       |
| 1.4             | 256QAM | 1 | 5 | 17.33 | 17.47 | 17.54 |       |
| 1.4             | 256QAM | 3 | 0 | 17.31 | 17.49 | 17.27 |       |
| 1.4             | 256QAM | 3 | 1 | 17.46 | 17.45 | 17.61 |       |
| 1.4             | 256QAM | 3 | 3 | 17.24 | 17.47 | 17.55 |       |
| 1.4             | 256QAM | 6 | 0 | 17.27 | 17.54 | 17.33 | 18.5  |



&lt;LTE Band 66\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 132072                   | 132322                      | 132572                    |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | QPSK       | 1       | 0         | 25.42                    | 25.36                       | 25.24                     | 25.7                   |
| 20              | QPSK       | 1       | 49        | 25.37                    | 25.26                       | 25.17                     |                        |
| 20              | QPSK       | 1       | 99        | 25.21                    | 25.20                       | 25.15                     |                        |
| 20              | QPSK       | 50      | 0         | 24.49                    | 24.45                       | 24.35                     | 24.7                   |
| 20              | QPSK       | 50      | 24        | 24.41                    | 24.38                       | 24.29                     |                        |
| 20              | QPSK       | 50      | 50        | 24.30                    | 24.30                       | 24.29                     |                        |
| 20              | QPSK       | 100     | 0         | 24.43                    | 24.34                       | 24.34                     | 24.7                   |
| 20              | 16QAM      | 1       | 0         | 24.31                    | 24.59                       | 24.43                     |                        |
| 20              | 16QAM      | 1       | 49        | 24.15                    | 24.54                       | 24.57                     |                        |
| 20              | 16QAM      | 1       | 99        | 24.17                    | 24.44                       | 24.43                     | 23.7                   |
| 20              | 16QAM      | 50      | 0         | 23.46                    | 23.38                       | 23.30                     |                        |
| 20              | 16QAM      | 50      | 24        | 23.48                    | 23.38                       | 23.24                     |                        |
| 20              | 16QAM      | 50      | 50        | 23.27                    | 23.34                       | 23.24                     | 23.7                   |
| 20              | 16QAM      | 100     | 0         | 23.43                    | 23.30                       | 23.26                     |                        |
| 20              | 64QAM      | 1       | 0         | 23.52                    | 23.35                       | 23.56                     |                        |
| 20              | 64QAM      | 1       | 49        | 23.43                    | 23.64                       | 23.52                     | 22.7                   |
| 20              | 64QAM      | 1       | 99        | 23.48                    | 23.42                       | 23.37                     |                        |
| 20              | 64QAM      | 50      | 0         | 22.50                    | 22.44                       | 22.28                     |                        |
| 20              | 64QAM      | 50      | 24        | 22.45                    | 22.38                       | 22.29                     | 20.7                   |
| 20              | 64QAM      | 50      | 50        | 22.35                    | 22.30                       | 22.26                     |                        |
| 20              | 64QAM      | 100     | 0         | 22.35                    | 22.30                       | 22.21                     |                        |
| 20              | 256QAM     | 1       | 0         | 20.37                    | 20.26                       | 20.23                     | 20.7                   |
| 20              | 256QAM     | 1       | 49        | 20.32                    | 20.38                       | 20.28                     |                        |
| 20              | 256QAM     | 1       | 99        | 20.35                    | 20.41                       | 20.40                     | 20.7                   |
| 20              | 256QAM     | 50      | 0         | 20.16                    | 20.24                       | 20.16                     |                        |
| 20              | 256QAM     | 50      | 24        | 20.29                    | 20.30                       | 20.13                     |                        |
| 20              | 256QAM     | 50      | 50        | 20.26                    | 20.33                       | 20.28                     | 20.7                   |
| 20              | 256QAM     | 100     | 0         | 20.22                    | 20.27                       | 20.14                     |                        |
| Channel         |            |         |           | 132047                   | 132322                      | 132597                    |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | QPSK       | 1       | 0         | 25.24                    | 25.24                       | 25.08                     | 25.7                   |
| 15              | QPSK       | 1       | 37        | 25.21                    | 25.07                       | 25.06                     |                        |
| 15              | QPSK       | 1       | 74        | 25.11                    | 25.10                       | 24.95                     |                        |
| 15              | QPSK       | 36      | 0         | 24.37                    | 24.31                       | 24.16                     | 24.7                   |
| 15              | QPSK       | 36      | 20        | 24.29                    | 24.27                       | 24.15                     |                        |
| 15              | QPSK       | 36      | 39        | 24.15                    | 24.18                       | 24.12                     |                        |
| 15              | QPSK       | 75      | 0         | 24.26                    | 24.22                       | 24.14                     | 24.7                   |
| 15              | 16QAM      | 1       | 0         | 24.21                    | 24.49                       | 24.28                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.97                    | 24.41                       | 24.44                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.99                    | 24.24                       | 24.28                     | 23.7                   |
| 15              | 16QAM      | 36      | 0         | 23.32                    | 23.27                       | 23.14                     |                        |
| 15              | 16QAM      | 36      | 20        | 23.36                    | 23.28                       | 23.12                     |                        |
| 15              | 16QAM      | 36      | 39        | 23.09                    | 23.15                       | 23.13                     | 23.7                   |
| 15              | 16QAM      | 75      | 0         | 23.33                    | 23.16                       | 23.13                     |                        |
| 15              | 64QAM      | 1       | 0         | 23.33                    | 23.20                       | 23.43                     |                        |
| 15              | 64QAM      | 1       | 37        | 23.29                    | 23.44                       | 23.41                     | 22.7                   |
| 15              | 64QAM      | 1       | 74        | 23.30                    | 23.32                       | 23.27                     |                        |
| 15              | 64QAM      | 36      | 0         | 22.40                    | 22.32                       | 22.11                     |                        |
| 15              | 64QAM      | 36      | 20        | 22.25                    | 22.26                       | 22.12                     | 20.7                   |
| 15              | 64QAM      | 36      | 39        | 22.25                    | 22.12                       | 22.08                     |                        |
| 15              | 64QAM      | 75      | 0         | 22.23                    | 22.14                       | 22.05                     |                        |
| 15              | 256QAM     | 1       | 0         | 20.22                    | 20.12                       | 20.09                     | 20.7                   |
| 15              | 256QAM     | 1       | 37        | 20.18                    | 20.19                       | 20.08                     |                        |
| 15              | 256QAM     | 1       | 74        | 20.20                    | 20.23                       | 20.29                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.96                    | 20.09                       | 20.01                     | 20.7                   |
| 15              | 256QAM     | 36      | 20        | 20.18                    | 20.18                       | 20.01                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 20.08  | 20.14  | 20.17  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 20.12  | 20.13  | 20.04  |                     |
| Channel         |        |    |    | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1745   | 1775   |                     |
| 10              | QPSK   | 1  | 0  | 25.22  | 25.22  | 25.08  | 25.7                |
| 10              | QPSK   | 1  | 25 | 25.25  | 25.09  | 24.99  |                     |
| 10              | QPSK   | 1  | 49 | 25.04  | 25.01  | 24.96  |                     |
| 10              | QPSK   | 25 | 0  | 24.38  | 24.26  | 24.23  | 24.7                |
| 10              | QPSK   | 25 | 12 | 24.31  | 24.23  | 24.12  |                     |
| 10              | QPSK   | 25 | 25 | 24.12  | 24.11  | 24.18  |                     |
| 10              | QPSK   | 50 | 0  | 24.26  | 24.21  | 24.15  |                     |
| 10              | 16QAM  | 1  | 0  | 24.16  | 24.49  | 24.24  | 24.7                |
| 10              | 16QAM  | 1  | 25 | 24.02  | 24.39  | 24.39  |                     |
| 10              | 16QAM  | 1  | 49 | 24.04  | 24.27  | 24.23  |                     |
| 10              | 16QAM  | 25 | 0  | 23.29  | 23.24  | 23.20  | 23.7                |
| 10              | 16QAM  | 25 | 12 | 23.31  | 23.27  | 23.07  |                     |
| 10              | 16QAM  | 25 | 25 | 23.14  | 23.24  | 23.12  |                     |
| 10              | 16QAM  | 50 | 0  | 23.26  | 23.10  | 23.12  |                     |
| 10              | 64QAM  | 1  | 0  | 23.32  | 23.15  | 23.41  | 23.7                |
| 10              | 64QAM  | 1  | 25 | 23.26  | 23.47  | 23.33  |                     |
| 10              | 64QAM  | 1  | 49 | 23.34  | 23.23  | 23.27  |                     |
| 10              | 64QAM  | 25 | 0  | 22.32  | 22.33  | 22.14  | 22.7                |
| 10              | 64QAM  | 25 | 12 | 22.27  | 22.26  | 22.16  |                     |
| 10              | 64QAM  | 25 | 25 | 22.24  | 22.16  | 22.10  |                     |
| 10              | 64QAM  | 50 | 0  | 22.24  | 22.16  | 22.10  |                     |
| 10              | 256QAM | 1  | 0  | 20.23  | 20.16  | 20.13  | 20.7                |
| 10              | 256QAM | 1  | 25 | 20.17  | 20.20  | 20.16  |                     |
| 10              | 256QAM | 1  | 49 | 20.18  | 20.21  | 20.23  |                     |
| 10              | 256QAM | 25 | 0  | 20.03  | 20.10  | 19.98  | 20.7                |
| 10              | 256QAM | 25 | 12 | 20.14  | 20.18  | 19.94  |                     |
| 10              | 256QAM | 25 | 25 | 20.14  | 20.19  | 20.08  |                     |
| 10              | 256QAM | 50 | 0  | 20.02  | 20.16  | 19.97  |                     |
| Channel         |        |    |    | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1745   | 1777.5 |                     |
| 5               | QPSK   | 1  | 0  | 25.27  | 25.20  | 25.07  | 25.7                |
| 5               | QPSK   | 1  | 12 | 25.23  | 25.06  | 24.98  |                     |
| 5               | QPSK   | 1  | 24 | 25.11  | 25.09  | 24.98  |                     |
| 5               | QPSK   | 12 | 0  | 24.32  | 24.25  | 24.16  | 24.7                |
| 5               | QPSK   | 12 | 7  | 24.22  | 24.22  | 24.15  |                     |
| 5               | QPSK   | 12 | 13 | 24.19  | 24.13  | 24.10  |                     |
| 5               | QPSK   | 25 | 0  | 24.30  | 24.22  | 24.21  |                     |
| 5               | 16QAM  | 1  | 0  | 24.19  | 24.43  | 24.24  | 24.7                |
| 5               | 16QAM  | 1  | 12 | 24.04  | 24.40  | 24.46  |                     |
| 5               | 16QAM  | 1  | 24 | 24.05  | 24.32  | 24.28  |                     |
| 5               | 16QAM  | 12 | 0  | 23.26  | 23.19  | 23.16  | 23.7                |
| 5               | 16QAM  | 12 | 7  | 23.30  | 23.25  | 23.06  |                     |
| 5               | 16QAM  | 12 | 13 | 23.13  | 23.18  | 23.04  |                     |
| 5               | 16QAM  | 25 | 0  | 23.31  | 23.14  | 23.08  |                     |
| 5               | 64QAM  | 1  | 0  | 23.38  | 23.25  | 23.38  | 23.7                |
| 5               | 64QAM  | 1  | 12 | 23.26  | 23.53  | 23.40  |                     |
| 5               | 64QAM  | 1  | 24 | 23.38  | 23.27  | 23.23  |                     |
| 5               | 64QAM  | 12 | 0  | 22.35  | 22.31  | 22.18  | 22.7                |
| 5               | 64QAM  | 12 | 7  | 22.33  | 22.28  | 22.11  |                     |
| 5               | 64QAM  | 12 | 13 | 22.15  | 22.19  | 22.09  |                     |
| 5               | 64QAM  | 25 | 0  | 22.21  | 22.16  | 22.08  |                     |
| 5               | 256QAM | 1  | 0  | 20.24  | 20.12  | 20.10  | 20.7                |
| 5               | 256QAM | 1  | 12 | 20.13  | 20.19  | 20.08  |                     |
| 5               | 256QAM | 1  | 24 | 20.25  | 20.23  | 20.28  |                     |
| 5               | 256QAM | 12 | 0  | 20.01  | 20.11  | 19.98  | 20.7                |
| 5               | 256QAM | 12 | 7  | 20.09  | 20.13  | 19.94  |                     |
| 5               | 256QAM | 12 | 13 | 20.06  | 20.20  | 20.16  |                     |
| 5               | 256QAM | 25 | 0  | 20.10  | 20.11  | 19.97  |                     |
| Channel         |        |    |    | 131987 | 132322 | 132657 | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1711.5 | 1745   | 1778.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 25.27  | 25.19  | 25.14  | 25.7                |
| 3               | QPSK   | 1  | 8  | 25.22  | 25.12  | 25.06  |                     |
| 3               | QPSK   | 1  | 14 | 25.02  | 25.09  | 25.02  |                     |
| 3               | QPSK   | 8  | 0  | 24.36  | 24.25  | 24.18  | 24.7                |
| 3               | QPSK   | 8  | 4  | 24.23  | 24.20  | 24.09  |                     |
| 3               | QPSK   | 8  | 7  | 24.10  | 24.20  | 24.18  |                     |
| 3               | QPSK   | 15 | 0  | 24.30  | 24.23  | 24.18  | 24.7                |
| 3               | 16QAM  | 1  | 0  | 24.19  | 24.46  | 24.24  |                     |
| 3               | 16QAM  | 1  | 8  | 23.95  | 24.43  | 24.42  |                     |
| 3               | 16QAM  | 1  | 14 | 23.97  | 24.30  | 24.28  | 23.7                |
| 3               | 16QAM  | 8  | 0  | 23.32  | 23.18  | 23.18  |                     |
| 3               | 16QAM  | 8  | 4  | 23.30  | 23.28  | 23.09  |                     |
| 3               | 16QAM  | 8  | 7  | 23.08  | 23.21  | 23.11  | 23.7                |
| 3               | 16QAM  | 15 | 0  | 23.32  | 23.20  | 23.08  |                     |
| 3               | 64QAM  | 1  | 0  | 23.42  | 23.16  | 23.39  |                     |
| 3               | 64QAM  | 1  | 8  | 23.23  | 23.47  | 23.33  | 22.7                |
| 3               | 64QAM  | 1  | 14 | 23.35  | 23.26  | 23.17  |                     |
| 3               | 64QAM  | 8  | 0  | 22.36  | 22.32  | 22.13  |                     |
| 3               | 64QAM  | 8  | 4  | 22.28  | 22.26  | 22.14  | 20.7                |
| 3               | 64QAM  | 8  | 7  | 22.18  | 22.14  | 22.08  |                     |
| 3               | 64QAM  | 15 | 0  | 22.25  | 22.17  | 22.06  |                     |
| 3               | 256QAM | 1  | 0  | 20.22  | 20.13  | 20.11  | 20.7                |
| 3               | 256QAM | 1  | 8  | 20.16  | 20.24  | 20.11  |                     |
| 3               | 256QAM | 1  | 14 | 20.18  | 20.26  | 20.30  |                     |
| 3               | 256QAM | 8  | 0  | 19.98  | 20.09  | 20.05  | 20.7                |
| 3               | 256QAM | 8  | 4  | 20.12  | 20.14  | 19.96  |                     |
| 3               | 256QAM | 8  | 7  | 20.15  | 20.13  | 20.16  |                     |
| 3               | 256QAM | 15 | 0  | 20.07  | 20.15  | 20.00  | Tune-up limit (dBm) |
| Channel         |        |    |    | 131979 | 132322 | 132665 |                     |
| Frequency (MHz) |        |    |    | 1710.7 | 1745   | 1779.3 | 25.7                |
| 1.4             | QPSK   | 1  | 0  | 25.11  | 25.08  | 24.95  |                     |
| 1.4             | QPSK   | 1  | 3  | 25.06  | 24.94  | 24.96  |                     |
| 1.4             | QPSK   | 1  | 5  | 24.87  | 24.91  | 24.84  | 24.7                |
| 1.4             | QPSK   | 3  | 0  | 25.08  | 25.00  | 25.02  |                     |
| 1.4             | QPSK   | 3  | 1  | 25.08  | 25.01  | 24.93  |                     |
| 1.4             | QPSK   | 3  | 3  | 24.83  | 24.97  | 24.85  | 24.7                |
| 1.4             | QPSK   | 6  | 0  | 24.12  | 24.06  | 23.99  |                     |
| 1.4             | 16QAM  | 1  | 0  | 24.04  | 24.26  | 24.14  |                     |
| 1.4             | 16QAM  | 1  | 3  | 23.80  | 24.29  | 24.30  | 23.7                |
| 1.4             | 16QAM  | 1  | 5  | 23.86  | 24.19  | 24.12  |                     |
| 1.4             | 16QAM  | 3  | 0  | 24.04  | 24.34  | 24.04  |                     |
| 1.4             | 16QAM  | 3  | 1  | 23.77  | 24.33  | 24.25  | 23.7                |
| 1.4             | 16QAM  | 3  | 3  | 23.80  | 24.12  | 24.08  |                     |
| 1.4             | 16QAM  | 6  | 0  | 23.13  | 23.10  | 22.97  |                     |
| 1.4             | 64QAM  | 1  | 0  | 23.32  | 23.02  | 23.28  | 22.7                |
| 1.4             | 64QAM  | 1  | 3  | 23.12  | 23.28  | 23.14  |                     |
| 1.4             | 64QAM  | 1  | 5  | 23.16  | 23.16  | 23.06  |                     |
| 1.4             | 64QAM  | 3  | 0  | 23.23  | 22.99  | 23.25  | 20.7                |
| 1.4             | 64QAM  | 3  | 1  | 23.13  | 23.32  | 23.19  |                     |
| 1.4             | 64QAM  | 3  | 3  | 23.17  | 23.16  | 22.99  |                     |
| 1.4             | 64QAM  | 6  | 0  | 22.06  | 21.98  | 21.92  | 20.7                |
| 1.4             | 256QAM | 1  | 0  | 20.11  | 19.96  | 19.91  |                     |
| 1.4             | 256QAM | 1  | 3  | 19.99  | 20.04  | 20.00  |                     |
| 1.4             | 256QAM | 1  | 5  | 20.05  | 20.14  | 20.17  | 20.7                |
| 1.4             | 256QAM | 3  | 0  | 20.04  | 19.95  | 19.96  |                     |
| 1.4             | 256QAM | 3  | 1  | 20.06  | 20.07  | 19.91  |                     |
| 1.4             | 256QAM | 3  | 3  | 19.99  | 20.16  | 20.13  | 20.7                |
| 1.4             | 256QAM | 6  | 0  | 19.88  | 19.95  | 19.85  |                     |



&lt;LTE Band 66\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 132072                   | 132322                      | 132572                    |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | QPSK       | 1       | 0         | 22.30                    | 22.18                       | 22.00                     | 22.6                   |
| 20              | QPSK       | 1       | 49        | 22.12                    | 22.09                       | 21.93                     |                        |
| 20              | QPSK       | 1       | 99        | 22.09                    | 22.03                       | 21.84                     |                        |
| 20              | QPSK       | 50      | 0         | 21.31                    | 21.10                       | 21.12                     | 21.6                   |
| 20              | QPSK       | 50      | 24        | 21.19                    | 21.17                       | 21.09                     |                        |
| 20              | QPSK       | 50      | 50        | 21.16                    | 21.16                       | 21.02                     |                        |
| 20              | QPSK       | 100     | 0         | 21.21                    | 21.18                       | 21.06                     | 21.6                   |
| 20              | 16QAM      | 1       | 0         | 21.38                    | 21.09                       | 21.18                     |                        |
| 20              | 16QAM      | 1       | 49        | 21.24                    | 21.11                       | 21.23                     |                        |
| 20              | 16QAM      | 1       | 99        | 21.09                    | 21.39                       | 21.08                     | 20.6                   |
| 20              | 16QAM      | 50      | 0         | 20.17                    | 20.13                       | 20.15                     |                        |
| 20              | 16QAM      | 50      | 24        | 20.21                    | 20.11                       | 20.10                     |                        |
| 20              | 16QAM      | 50      | 50        | 20.15                    | 20.23                       | 20.04                     | 20.6                   |
| 20              | 16QAM      | 100     | 0         | 20.24                    | 20.15                       | 20.11                     |                        |
| 20              | 64QAM      | 1       | 0         | 20.28                    | 20.35                       | 20.24                     |                        |
| 20              | 64QAM      | 1       | 49        | 20.23                    | 20.32                       | 20.15                     | 19.6                   |
| 20              | 64QAM      | 1       | 99        | 20.27                    | 20.26                       | 19.90                     |                        |
| 20              | 64QAM      | 50      | 0         | 19.21                    | 19.20                       | 19.13                     |                        |
| 20              | 64QAM      | 50      | 24        | 19.23                    | 19.17                       | 19.08                     | 17.6                   |
| 20              | 64QAM      | 50      | 50        | 19.21                    | 19.15                       | 19.04                     |                        |
| 20              | 64QAM      | 100     | 0         | 19.23                    | 19.15                       | 19.06                     |                        |
| 20              | 256QAM     | 1       | 0         | 17.35                    | 17.46                       | 17.41                     | 17.6                   |
| 20              | 256QAM     | 1       | 49        | 17.35                    | 17.35                       | 17.46                     |                        |
| 20              | 256QAM     | 1       | 99        | 17.38                    | 17.35                       | 17.40                     |                        |
| 20              | 256QAM     | 50      | 0         | 17.37                    | 17.46                       | 17.37                     | 17.6                   |
| 20              | 256QAM     | 50      | 24        | 17.33                    | 17.44                       | 17.43                     |                        |
| 20              | 256QAM     | 50      | 50        | 17.40                    | 17.34                       | 17.45                     |                        |
| 20              | 256QAM     | 100     | 0         | 17.15                    | 17.40                       | 17.41                     |                        |
| Channel         |            |         |           | 132047                   | 132322                      | 132597                    |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.22                    | 22.21                       | 22.02                     | 22.6                   |
| 15              | QPSK       | 1       | 37        | 22.17                    | 22.02                       | 21.93                     |                        |
| 15              | QPSK       | 1       | 74        | 22.10                    | 22.05                       | 21.82                     |                        |
| 15              | QPSK       | 36      | 0         | 21.26                    | 21.14                       | 21.11                     | 21.6                   |
| 15              | QPSK       | 36      | 20        | 21.21                    | 21.17                       | 21.04                     |                        |
| 15              | QPSK       | 36      | 39        | 21.16                    | 21.17                       | 20.97                     |                        |
| 15              | QPSK       | 75      | 0         | 21.24                    | 21.16                       | 21.03                     | 21.6                   |
| 15              | 16QAM      | 1       | 0         | 21.34                    | 21.12                       | 21.18                     |                        |
| 15              | 16QAM      | 1       | 37        | 21.20                    | 21.12                       | 21.22                     |                        |
| 15              | 16QAM      | 1       | 74        | 21.05                    | 21.34                       | 21.08                     | 20.6                   |
| 15              | 16QAM      | 36      | 0         | 20.20                    | 20.16                       | 20.14                     |                        |
| 15              | 16QAM      | 36      | 20        | 20.23                    | 20.10                       | 20.04                     |                        |
| 15              | 16QAM      | 36      | 39        | 20.18                    | 20.16                       | 20.01                     | 20.6                   |
| 15              | 16QAM      | 75      | 0         | 20.18                    | 20.15                       | 20.07                     |                        |
| 15              | 64QAM      | 1       | 0         | 20.27                    | 20.33                       | 20.26                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.33                    | 20.31                       | 20.21                     | 19.6                   |
| 15              | 64QAM      | 1       | 74        | 20.30                    | 20.30                       | 19.90                     |                        |
| 15              | 64QAM      | 36      | 0         | 19.17                    | 19.19                       | 19.13                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.30                    | 19.10                       | 19.08                     | 17.6                   |
| 15              | 64QAM      | 36      | 39        | 19.14                    | 19.19                       | 18.99                     |                        |
| 15              | 64QAM      | 75      | 0         | 19.18                    | 19.08                       | 19.03                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.39                    | 17.49                       | 17.41                     | 17.6                   |
| 15              | 256QAM     | 1       | 37        | 17.36                    | 17.39                       | 17.41                     |                        |
| 15              | 256QAM     | 1       | 74        | 17.36                    | 17.40                       | 17.30                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.30                    | 17.39                       | 17.32                     | 17.6                   |
| 15              | 256QAM     | 36      | 20        | 17.30                    | 17.43                       | 17.37                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 17.42  | 17.36  | 17.42  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 17.22  | 17.44  | 17.44  |                     |
| Channel         |        |    |    | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1745   | 1775   |                     |
| 10              | QPSK   | 1  | 0  | 22.26  | 22.12  | 21.95  | 22.6                |
| 10              | QPSK   | 1  | 25 | 22.15  | 22.09  | 21.90  |                     |
| 10              | QPSK   | 1  | 49 | 22.13  | 22.00  | 21.76  |                     |
| 10              | QPSK   | 25 | 0  | 21.30  | 21.16  | 21.07  | 21.6                |
| 10              | QPSK   | 25 | 12 | 21.25  | 21.14  | 21.04  |                     |
| 10              | QPSK   | 25 | 25 | 21.18  | 21.20  | 21.04  |                     |
| 10              | QPSK   | 50 | 0  | 21.18  | 21.12  | 21.00  |                     |
| 10              | 16QAM  | 1  | 0  | 21.36  | 21.11  | 21.21  | 21.6                |
| 10              | 16QAM  | 1  | 25 | 21.23  | 21.12  | 21.24  |                     |
| 10              | 16QAM  | 1  | 49 | 21.10  | 21.37  | 21.06  |                     |
| 10              | 16QAM  | 25 | 0  | 20.15  | 20.22  | 20.11  | 20.6                |
| 10              | 16QAM  | 25 | 12 | 20.29  | 20.17  | 20.06  |                     |
| 10              | 16QAM  | 25 | 25 | 20.25  | 20.14  | 19.94  |                     |
| 10              | 16QAM  | 50 | 0  | 20.26  | 20.15  | 20.11  |                     |
| 10              | 64QAM  | 1  | 0  | 20.26  | 20.31  | 20.24  | 20.6                |
| 10              | 64QAM  | 1  | 25 | 20.31  | 20.28  | 20.21  |                     |
| 10              | 64QAM  | 1  | 49 | 20.26  | 20.23  | 19.90  |                     |
| 10              | 64QAM  | 25 | 0  | 19.13  | 19.15  | 19.14  | 19.6                |
| 10              | 64QAM  | 25 | 12 | 19.30  | 19.14  | 19.04  |                     |
| 10              | 64QAM  | 25 | 25 | 19.23  | 19.16  | 19.06  |                     |
| 10              | 64QAM  | 50 | 0  | 19.18  | 19.18  | 19.08  |                     |
| 10              | 256QAM | 1  | 0  | 17.38  | 17.42  | 17.42  | 17.6                |
| 10              | 256QAM | 1  | 25 | 17.35  | 17.39  | 17.44  |                     |
| 10              | 256QAM | 1  | 49 | 17.43  | 17.44  | 17.34  |                     |
| 10              | 256QAM | 25 | 0  | 17.31  | 17.41  | 17.36  | 17.6                |
| 10              | 256QAM | 25 | 12 | 17.31  | 17.37  | 17.42  |                     |
| 10              | 256QAM | 25 | 25 | 17.44  | 17.42  | 17.39  |                     |
| 10              | 256QAM | 50 | 0  | 17.24  | 17.47  | 17.47  |                     |
| Channel         |        |    |    | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1745   | 1777.5 |                     |
| 5               | QPSK   | 1  | 0  | 22.29  | 22.15  | 21.99  | 22.6                |
| 5               | QPSK   | 1  | 12 | 22.11  | 22.11  | 21.97  |                     |
| 5               | QPSK   | 1  | 24 | 22.13  | 21.98  | 21.84  |                     |
| 5               | QPSK   | 12 | 0  | 21.28  | 21.16  | 21.06  | 21.6                |
| 5               | QPSK   | 12 | 7  | 21.25  | 21.20  | 21.04  |                     |
| 5               | QPSK   | 12 | 13 | 21.16  | 21.21  | 21.01  |                     |
| 5               | QPSK   | 25 | 0  | 21.26  | 21.18  | 21.02  |                     |
| 5               | 16QAM  | 1  | 0  | 21.30  | 21.08  | 21.25  | 21.6                |
| 5               | 16QAM  | 1  | 12 | 21.28  | 21.12  | 21.19  |                     |
| 5               | 16QAM  | 1  | 24 | 21.14  | 21.31  | 21.01  |                     |
| 5               | 16QAM  | 12 | 0  | 20.21  | 20.22  | 20.13  | 20.6                |
| 5               | 16QAM  | 12 | 7  | 20.28  | 20.17  | 20.05  |                     |
| 5               | 16QAM  | 12 | 13 | 20.16  | 20.13  | 19.94  |                     |
| 5               | 16QAM  | 25 | 0  | 20.26  | 20.17  | 20.11  |                     |
| 5               | 64QAM  | 1  | 0  | 20.32  | 20.31  | 20.24  | 20.6                |
| 5               | 64QAM  | 1  | 12 | 20.30  | 20.28  | 20.21  |                     |
| 5               | 64QAM  | 1  | 24 | 20.24  | 20.28  | 19.86  |                     |
| 5               | 64QAM  | 12 | 0  | 19.17  | 19.16  | 19.06  | 19.6                |
| 5               | 64QAM  | 12 | 7  | 19.21  | 19.19  | 19.08  |                     |
| 5               | 64QAM  | 12 | 13 | 19.22  | 19.19  | 19.06  |                     |
| 5               | 64QAM  | 25 | 0  | 19.22  | 19.11  | 19.02  |                     |
| 5               | 256QAM | 1  | 0  | 17.42  | 17.47  | 17.40  | 17.6                |
| 5               | 256QAM | 1  | 12 | 17.40  | 17.42  | 17.38  |                     |
| 5               | 256QAM | 1  | 24 | 17.36  | 17.36  | 17.40  |                     |
| 5               | 256QAM | 12 | 0  | 17.32  | 17.44  | 17.33  | 17.6                |
| 5               | 256QAM | 12 | 7  | 17.27  | 17.39  | 17.44  |                     |
| 5               | 256QAM | 12 | 13 | 17.46  | 17.39  | 17.41  |                     |
| 5               | 256QAM | 25 | 0  | 17.17  | 17.46  | 17.42  |                     |
| Channel         |        |    |    | 131987 | 132322 | 132657 | Tune-up limit       |



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| Frequency (MHz) |        |    |    | 1711.5 | 1745   | 1778.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 22.22  | 22.15  | 21.96  | 22.6                |
| 3               | QPSK   | 1  | 8  | 22.18  | 22.03  | 21.94  |                     |
| 3               | QPSK   | 1  | 14 | 22.11  | 21.98  | 21.82  |                     |
| 3               | QPSK   | 8  | 0  | 21.30  | 21.12  | 21.10  | 21.6                |
| 3               | QPSK   | 8  | 4  | 21.28  | 21.19  | 21.07  |                     |
| 3               | QPSK   | 8  | 7  | 21.16  | 21.19  | 21.01  |                     |
| 3               | QPSK   | 15 | 0  | 21.24  | 21.18  | 21.07  |                     |
| 3               | 16QAM  | 1  | 0  | 21.36  | 21.16  | 21.17  | 21.6                |
| 3               | 16QAM  | 1  | 8  | 21.27  | 21.11  | 21.23  |                     |
| 3               | 16QAM  | 1  | 14 | 21.10  | 21.36  | 21.00  |                     |
| 3               | 16QAM  | 8  | 0  | 20.16  | 20.23  | 20.16  | 20.6                |
| 3               | 16QAM  | 8  | 4  | 20.24  | 20.14  | 20.03  |                     |
| 3               | 16QAM  | 8  | 7  | 20.20  | 20.23  | 19.98  |                     |
| 3               | 16QAM  | 15 | 0  | 20.26  | 20.14  | 20.11  |                     |
| 3               | 64QAM  | 1  | 0  | 20.22  | 20.31  | 20.27  | 20.6                |
| 3               | 64QAM  | 1  | 8  | 20.23  | 20.36  | 20.12  |                     |
| 3               | 64QAM  | 1  | 14 | 20.25  | 20.30  | 19.87  |                     |
| 3               | 64QAM  | 8  | 0  | 19.16  | 19.17  | 19.12  | 19.6                |
| 3               | 64QAM  | 8  | 4  | 19.21  | 19.14  | 19.02  |                     |
| 3               | 64QAM  | 8  | 7  | 19.20  | 19.10  | 19.01  |                     |
| 3               | 64QAM  | 15 | 0  | 19.25  | 19.16  | 19.03  |                     |
| 3               | 256QAM | 1  | 0  | 17.36  | 17.49  | 17.36  | 17.6                |
| 3               | 256QAM | 1  | 8  | 17.35  | 17.41  | 17.44  |                     |
| 3               | 256QAM | 1  | 14 | 17.37  | 17.44  | 17.36  |                     |
| 3               | 256QAM | 8  | 0  | 17.36  | 17.44  | 17.31  | 17.6                |
| 3               | 256QAM | 8  | 4  | 17.35  | 17.38  | 17.43  |                     |
| 3               | 256QAM | 8  | 7  | 17.44  | 17.35  | 17.48  |                     |
| 3               | 256QAM | 15 | 0  | 17.22  | 17.42  | 17.47  |                     |
| Channel         |        |    |    | 131979 | 132322 | 132665 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1710.7 | 1745   | 1779.3 |                     |
| 1.4             | QPSK   | 1  | 0  | 22.04  | 22.01  | 21.84  | 22.6                |
| 1.4             | QPSK   | 1  | 3  | 21.92  | 21.90  | 21.80  |                     |
| 1.4             | QPSK   | 1  | 5  | 21.98  | 21.91  | 21.69  |                     |
| 1.4             | QPSK   | 3  | 0  | 21.92  | 21.79  | 21.69  |                     |
| 1.4             | QPSK   | 3  | 1  | 21.79  | 21.82  | 21.69  |                     |
| 1.4             | QPSK   | 3  | 3  | 21.80  | 21.67  | 21.47  |                     |
| 1.4             | QPSK   | 6  | 0  | 21.03  | 21.07  | 20.97  | 21.6                |
| 1.4             | 16QAM  | 1  | 0  | 21.23  | 21.02  | 21.08  | 21.6                |
| 1.4             | 16QAM  | 1  | 3  | 21.14  | 21.00  | 21.10  |                     |
| 1.4             | 16QAM  | 1  | 5  | 21.00  | 21.12  | 20.88  |                     |
| 1.4             | 16QAM  | 3  | 0  | 21.09  | 20.89  | 20.88  |                     |
| 1.4             | 16QAM  | 3  | 1  | 21.04  | 20.86  | 20.94  |                     |
| 1.4             | 16QAM  | 3  | 3  | 20.77  | 20.94  | 20.71  |                     |
| 1.4             | 16QAM  | 6  | 0  | 20.11  | 19.94  | 19.87  | 20.6                |
| 1.4             | 64QAM  | 1  | 0  | 20.14  | 20.23  | 20.05  | 20.6                |
| 1.4             | 64QAM  | 1  | 3  | 20.12  | 20.13  | 20.04  |                     |
| 1.4             | 64QAM  | 1  | 5  | 20.20  | 20.15  | 19.67  |                     |
| 1.4             | 64QAM  | 3  | 0  | 19.98  | 20.03  | 19.98  |                     |
| 1.4             | 64QAM  | 3  | 1  | 20.00  | 19.96  | 19.88  |                     |
| 1.4             | 64QAM  | 3  | 3  | 20.01  | 20.03  | 19.48  |                     |
| 1.4             | 64QAM  | 6  | 0  | 19.06  | 19.01  | 18.84  | 19.6                |
| 1.4             | 256QAM | 1  | 0  | 17.23  | 17.36  | 17.24  | 17.6                |
| 1.4             | 256QAM | 1  | 3  | 17.18  | 17.32  | 17.23  |                     |
| 1.4             | 256QAM | 1  | 5  | 17.31  | 17.17  | 17.22  |                     |
| 1.4             | 256QAM | 3  | 0  | 17.23  | 17.25  | 17.17  |                     |
| 1.4             | 256QAM | 3  | 1  | 17.14  | 17.24  | 17.23  |                     |
| 1.4             | 256QAM | 3  | 3  | 17.25  | 17.24  | 17.32  |                     |
| 1.4             | 256QAM | 6  | 0  | 17.03  | 17.36  | 17.32  | 17.6                |



&lt;LTE Band 66\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 132072                   | 132322                      | 132572                    |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | QPSK       | 1       | 0         | 20.43                    | 20.19                       | 20.05                     | 20.6                   |
| 20              | QPSK       | 1       | 49        | 20.16                    | 20.08                       | 19.96                     |                        |
| 20              | QPSK       | 1       | 99        | 20.14                    | 20.03                       | 19.77                     |                        |
| 20              | QPSK       | 50      | 0         | 19.27                    | 19.14                       | 19.08                     | 19.6                   |
| 20              | QPSK       | 50      | 24        | 19.25                    | 19.12                       | 19.02                     |                        |
| 20              | QPSK       | 50      | 50        | 19.21                    | 19.08                       | 18.94                     |                        |
| 20              | QPSK       | 100     | 0         | 19.21                    | 19.10                       | 19.00                     |                        |
| 20              | 16QAM      | 1       | 0         | 19.52                    | 19.47                       | 19.26                     | 19.6                   |
| 20              | 16QAM      | 1       | 49        | 19.54                    | 19.48                       | 19.22                     |                        |
| 20              | 16QAM      | 1       | 99        | 19.42                    | 19.32                       | 19.08                     |                        |
| 20              | 16QAM      | 50      | 0         | 18.22                    | 18.18                       | 18.10                     | 18.6                   |
| 20              | 16QAM      | 50      | 24        | 18.28                    | 18.12                       | 18.02                     |                        |
| 20              | 16QAM      | 50      | 50        | 18.20                    | 18.11                       | 17.98                     |                        |
| 20              | 16QAM      | 100     | 0         | 18.27                    | 18.12                       | 18.01                     |                        |
| 20              | 64QAM      | 1       | 0         | 18.43                    | 18.35                       | 18.20                     | 18.6                   |
| 20              | 64QAM      | 1       | 49        | 18.42                    | 18.35                       | 18.04                     |                        |
| 20              | 64QAM      | 1       | 99        | 18.33                    | 18.19                       | 17.94                     |                        |
| 20              | 64QAM      | 50      | 0         | 17.19                    | 17.11                       | 17.09                     | 17.6                   |
| 20              | 64QAM      | 50      | 24        | 17.25                    | 17.14                       | 17.00                     |                        |
| 20              | 64QAM      | 50      | 50        | 17.20                    | 17.15                       | 16.97                     |                        |
| 20              | 64QAM      | 100     | 0         | 17.24                    | 17.08                       | 17.02                     |                        |
| 20              | 256QAM     | 1       | 0         | 15.14                    | 14.96                       | 14.87                     | 15.6                   |
| 20              | 256QAM     | 1       | 49        | 15.07                    | 14.95                       | 14.79                     |                        |
| 20              | 256QAM     | 1       | 99        | 15.08                    | 14.93                       | 14.83                     |                        |
| 20              | 256QAM     | 50      | 0         | 15.13                    | 14.97                       | 14.83                     | 15.6                   |
| 20              | 256QAM     | 50      | 24        | 15.04                    | 14.97                       | 14.82                     |                        |
| 20              | 256QAM     | 50      | 50        | 15.14                    | 14.90                       | 14.90                     |                        |
| 20              | 256QAM     | 100     | 0         | 15.08                    | 14.92                       | 14.85                     |                        |
| Channel         |            |         |           | 132047                   | 132322                      | 132597                    |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.33                    | 20.06                       | 19.88                     | 20.6                   |
| 15              | QPSK       | 1       | 37        | 19.98                    | 19.94                       | 19.86                     |                        |
| 15              | QPSK       | 1       | 74        | 19.95                    | 19.83                       | 19.60                     |                        |
| 15              | QPSK       | 36      | 0         | 19.17                    | 18.94                       | 18.92                     | 19.6                   |
| 15              | QPSK       | 36      | 20        | 19.13                    | 19.01                       | 18.90                     |                        |
| 15              | QPSK       | 36      | 39        | 19.01                    | 18.96                       | 18.77                     |                        |
| 15              | QPSK       | 75      | 0         | 19.03                    | 19.00                       | 18.86                     |                        |
| 15              | 16QAM      | 1       | 0         | 19.37                    | 19.31                       | 19.08                     | 19.6                   |
| 15              | 16QAM      | 1       | 37        | 19.38                    | 19.34                       | 19.08                     |                        |
| 15              | 16QAM      | 1       | 74        | 19.24                    | 19.22                       | 18.98                     |                        |
| 15              | 16QAM      | 36      | 0         | 18.12                    | 18.00                       | 17.90                     | 18.6                   |
| 15              | 16QAM      | 36      | 20        | 18.09                    | 18.00                       | 17.86                     |                        |
| 15              | 16QAM      | 36      | 39        | 18.08                    | 17.98                       | 17.85                     |                        |
| 15              | 16QAM      | 75      | 0         | 18.17                    | 17.92                       | 17.85                     |                        |
| 15              | 64QAM      | 1       | 0         | 18.26                    | 18.25                       | 18.05                     | 18.6                   |
| 15              | 64QAM      | 1       | 37        | 18.24                    | 18.24                       | 17.85                     |                        |
| 15              | 64QAM      | 1       | 74        | 18.21                    | 17.99                       | 17.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 17.02                    | 16.92                       | 16.97                     | 17.6                   |
| 15              | 64QAM      | 36      | 20        | 17.12                    | 16.98                       | 16.80                     |                        |
| 15              | 64QAM      | 36      | 39        | 17.06                    | 17.02                       | 16.83                     |                        |
| 15              | 64QAM      | 75      | 0         | 17.05                    | 16.90                       | 16.83                     |                        |
| 15              | 256QAM     | 1       | 0         | 14.98                    | 14.77                       | 14.68                     | 15.6                   |
| 15              | 256QAM     | 1       | 37        | 14.92                    | 14.82                       | 14.66                     |                        |
| 15              | 256QAM     | 1       | 74        | 14.93                    | 14.75                       | 14.64                     |                        |
| 15              | 256QAM     | 36      | 0         | 14.93                    | 14.78                       | 14.67                     | 15.6                   |
| 15              | 256QAM     | 36      | 20        | 14.94                    | 14.82                       | 14.70                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 14.96  | 14.73  | 14.72  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 14.89  | 14.74  | 14.74  |                     |
| Channel         |        |    |    | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1745   | 1775   |                     |
| 10              | QPSK   | 1  | 0  | 20.33  | 20.06  | 19.88  | 20.6                |
| 10              | QPSK   | 1  | 25 | 20.00  | 19.89  | 19.85  |                     |
| 10              | QPSK   | 1  | 49 | 20.03  | 19.83  | 19.66  |                     |
| 10              | QPSK   | 25 | 0  | 19.12  | 18.99  | 18.88  | 19.6                |
| 10              | QPSK   | 25 | 12 | 19.08  | 18.97  | 18.85  |                     |
| 10              | QPSK   | 25 | 25 | 19.07  | 18.96  | 18.84  |                     |
| 10              | QPSK   | 50 | 0  | 19.09  | 18.90  | 18.88  |                     |
| 10              | 16QAM  | 1  | 0  | 19.39  | 19.27  | 19.15  | 19.6                |
| 10              | 16QAM  | 1  | 25 | 19.40  | 19.37  | 19.11  |                     |
| 10              | 16QAM  | 1  | 49 | 19.26  | 19.20  | 18.98  |                     |
| 10              | 16QAM  | 25 | 0  | 18.10  | 18.05  | 18.00  | 18.6                |
| 10              | 16QAM  | 25 | 12 | 18.09  | 17.94  | 17.89  |                     |
| 10              | 16QAM  | 25 | 25 | 18.08  | 18.00  | 17.79  |                     |
| 10              | 16QAM  | 50 | 0  | 18.12  | 17.93  | 17.90  |                     |
| 10              | 64QAM  | 1  | 0  | 18.24  | 18.15  | 18.09  | 18.6                |
| 10              | 64QAM  | 1  | 25 | 18.27  | 18.18  | 17.84  |                     |
| 10              | 64QAM  | 1  | 49 | 18.21  | 17.99  | 17.80  |                     |
| 10              | 64QAM  | 25 | 0  | 17.00  | 16.94  | 16.98  | 17.6                |
| 10              | 64QAM  | 25 | 12 | 17.15  | 16.99  | 16.90  |                     |
| 10              | 64QAM  | 25 | 25 | 17.06  | 16.98  | 16.87  |                     |
| 10              | 64QAM  | 50 | 0  | 17.10  | 16.98  | 16.85  |                     |
| 10              | 256QAM | 1  | 0  | 14.94  | 14.84  | 14.77  | 15.6                |
| 10              | 256QAM | 1  | 25 | 14.97  | 14.78  | 14.68  |                     |
| 10              | 256QAM | 1  | 49 | 14.98  | 14.75  | 14.63  |                     |
| 10              | 256QAM | 25 | 0  | 15.00  | 14.79  | 14.64  | 15.6                |
| 10              | 256QAM | 25 | 12 | 14.87  | 14.80  | 14.62  |                     |
| 10              | 256QAM | 25 | 25 | 15.02  | 14.77  | 14.71  |                     |
| 10              | 256QAM | 50 | 0  | 14.93  | 14.76  | 14.75  |                     |
| Channel         |        |    |    | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1745   | 1777.5 |                     |
| 5               | QPSK   | 1  | 0  | 20.24  | 20.09  | 19.94  | 20.6                |
| 5               | QPSK   | 1  | 12 | 20.05  | 19.96  | 19.76  |                     |
| 5               | QPSK   | 1  | 24 | 19.94  | 19.88  | 19.62  |                     |
| 5               | QPSK   | 12 | 0  | 19.16  | 18.98  | 18.93  | 19.6                |
| 5               | QPSK   | 12 | 7  | 19.10  | 18.96  | 18.90  |                     |
| 5               | QPSK   | 12 | 13 | 19.01  | 18.96  | 18.82  |                     |
| 5               | QPSK   | 25 | 0  | 19.10  | 18.92  | 18.85  |                     |
| 5               | 16QAM  | 1  | 0  | 19.37  | 19.28  | 19.11  | 19.6                |
| 5               | 16QAM  | 1  | 12 | 19.34  | 19.36  | 19.11  |                     |
| 5               | 16QAM  | 1  | 24 | 19.24  | 19.12  | 18.92  |                     |
| 5               | 16QAM  | 12 | 0  | 18.09  | 18.03  | 17.98  | 18.6                |
| 5               | 16QAM  | 12 | 7  | 18.08  | 17.96  | 17.85  |                     |
| 5               | 16QAM  | 12 | 13 | 18.00  | 17.92  | 17.83  |                     |
| 5               | 16QAM  | 25 | 0  | 18.17  | 18.01  | 17.87  |                     |
| 5               | 64QAM  | 1  | 0  | 18.24  | 18.17  | 18.09  | 18.6                |
| 5               | 64QAM  | 1  | 12 | 18.25  | 18.25  | 17.91  |                     |
| 5               | 64QAM  | 1  | 24 | 18.21  | 18.01  | 17.76  |                     |
| 5               | 64QAM  | 12 | 0  | 17.08  | 16.96  | 16.99  | 17.6                |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.00  | 16.80  |                     |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.05  | 16.84  |                     |
| 5               | 64QAM  | 25 | 0  | 17.05  | 16.95  | 16.87  |                     |
| 5               | 256QAM | 1  | 0  | 14.95  | 14.76  | 14.68  | 15.6                |
| 5               | 256QAM | 1  | 12 | 14.97  | 14.83  | 14.66  |                     |
| 5               | 256QAM | 1  | 24 | 14.98  | 14.80  | 14.63  |                     |
| 5               | 256QAM | 12 | 0  | 14.99  | 14.85  | 14.73  | 15.6                |
| 5               | 256QAM | 12 | 7  | 14.89  | 14.87  | 14.72  |                     |
| 5               | 256QAM | 12 | 13 | 14.96  | 14.79  | 14.71  |                     |
| 5               | 256QAM | 25 | 0  | 14.89  | 14.73  | 14.72  |                     |
| Channel         |        |    |    | 131987 | 132322 | 132657 | Tune-up limit       |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

| Frequency (MHz) |        |    |    | 1711.5 | 1745   | 1778.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 20.31  | 20.06  | 19.86  | 20.6                |
| 3               | QPSK   | 1  | 8  | 20.02  | 19.95  | 19.82  |                     |
| 3               | QPSK   | 1  | 14 | 19.96  | 19.85  | 19.64  |                     |
| 3               | QPSK   | 8  | 0  | 19.09  | 18.98  | 18.88  | 19.6                |
| 3               | QPSK   | 8  | 4  | 19.13  | 18.95  | 18.83  |                     |
| 3               | QPSK   | 8  | 7  | 19.10  | 18.92  | 18.75  |                     |
| 3               | QPSK   | 15 | 0  | 19.04  | 18.98  | 18.86  | 19.6                |
| 3               | 16QAM  | 1  | 0  | 19.41  | 19.37  | 19.15  |                     |
| 3               | 16QAM  | 1  | 8  | 19.44  | 19.33  | 19.03  |                     |
| 3               | 16QAM  | 1  | 14 | 19.32  | 19.13  | 18.89  | 18.6                |
| 3               | 16QAM  | 8  | 0  | 18.12  | 18.08  | 17.96  |                     |
| 3               | 16QAM  | 8  | 4  | 18.11  | 17.97  | 17.85  |                     |
| 3               | 16QAM  | 8  | 7  | 18.09  | 17.98  | 17.87  | 18.6                |
| 3               | 16QAM  | 15 | 0  | 18.11  | 17.95  | 17.83  |                     |
| 3               | 64QAM  | 1  | 0  | 18.25  | 18.20  | 18.07  |                     |
| 3               | 64QAM  | 1  | 8  | 18.26  | 18.16  | 17.92  | 18.6                |
| 3               | 64QAM  | 1  | 14 | 18.13  | 18.08  | 17.83  |                     |
| 3               | 64QAM  | 8  | 0  | 16.99  | 16.91  | 16.98  |                     |
| 3               | 64QAM  | 8  | 4  | 17.07  | 17.04  | 16.89  | 17.6                |
| 3               | 64QAM  | 8  | 7  | 17.01  | 17.04  | 16.84  |                     |
| 3               | 64QAM  | 15 | 0  | 17.04  | 16.94  | 16.86  |                     |
| 3               | 256QAM | 1  | 0  | 14.95  | 14.81  | 14.73  | 15.6                |
| 3               | 256QAM | 1  | 8  | 14.93  | 14.77  | 14.65  |                     |
| 3               | 256QAM | 1  | 14 | 14.89  | 14.74  | 14.67  |                     |
| 3               | 256QAM | 8  | 0  | 14.96  | 14.84  | 14.64  | 15.6                |
| 3               | 256QAM | 8  | 4  | 14.94  | 14.83  | 14.65  |                     |
| 3               | 256QAM | 8  | 7  | 15.03  | 14.74  | 14.73  |                     |
| 3               | 256QAM | 15 | 0  | 14.92  | 14.73  | 14.65  | Tune-up limit (dBm) |
| Channel         |        |    |    | 131979 | 132322 | 132665 |                     |
| Frequency (MHz) |        |    |    | 1710.7 | 1745   | 1779.3 | 20.6                |
| 1.4             | QPSK   | 1  | 0  | 20.20  | 19.88  | 19.72  |                     |
| 1.4             | QPSK   | 1  | 3  | 19.83  | 19.80  | 19.66  |                     |
| 1.4             | QPSK   | 1  | 5  | 19.84  | 19.75  | 19.45  | 19.6                |
| 1.4             | QPSK   | 3  | 0  | 20.13  | 19.89  | 19.71  |                     |
| 1.4             | QPSK   | 3  | 1  | 19.82  | 19.78  | 19.63  |                     |
| 1.4             | QPSK   | 3  | 3  | 19.84  | 19.68  | 19.50  | 19.6                |
| 1.4             | QPSK   | 6  | 0  | 18.87  | 18.81  | 18.67  |                     |
| 1.4             | 16QAM  | 1  | 0  | 19.22  | 19.25  | 19.05  |                     |
| 1.4             | 16QAM  | 1  | 3  | 19.24  | 19.21  | 18.86  | 18.6                |
| 1.4             | 16QAM  | 1  | 5  | 19.17  | 18.94  | 18.79  |                     |
| 1.4             | 16QAM  | 3  | 0  | 19.29  | 19.22  | 18.99  |                     |
| 1.4             | 16QAM  | 3  | 1  | 19.29  | 19.20  | 18.91  | 18.6                |
| 1.4             | 16QAM  | 3  | 3  | 19.18  | 19.00  | 18.77  |                     |
| 1.4             | 16QAM  | 6  | 0  | 17.97  | 17.83  | 17.72  |                     |
| 1.4             | 64QAM  | 1  | 0  | 18.14  | 18.08  | 17.94  | 18.6                |
| 1.4             | 64QAM  | 1  | 3  | 18.09  | 18.01  | 17.82  |                     |
| 1.4             | 64QAM  | 1  | 5  | 17.93  | 17.89  | 17.66  |                     |
| 1.4             | 64QAM  | 3  | 0  | 18.09  | 18.10  | 17.95  | 17.6                |
| 1.4             | 64QAM  | 3  | 1  | 18.16  | 18.02  | 17.82  |                     |
| 1.4             | 64QAM  | 3  | 3  | 17.95  | 17.92  | 17.73  |                     |
| 1.4             | 64QAM  | 6  | 0  | 16.89  | 16.82  | 16.75  | 15.6                |
| 1.4             | 256QAM | 1  | 0  | 14.84  | 14.65  | 14.57  |                     |
| 1.4             | 256QAM | 1  | 3  | 14.76  | 14.62  | 14.46  |                     |
| 1.4             | 256QAM | 1  | 5  | 14.75  | 14.60  | 14.51  | 15.6                |
| 1.4             | 256QAM | 3  | 0  | 14.82  | 14.67  | 14.62  |                     |
| 1.4             | 256QAM | 3  | 1  | 14.79  | 14.60  | 14.47  |                     |
| 1.4             | 256QAM | 3  | 3  | 14.78  | 14.60  | 14.50  | 15.6                |
| 1.4             | 256QAM | 6  | 0  | 14.77  | 14.60  | 14.49  |                     |



&lt;LTE Band 66\_Ant 1\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 132072                   | 132322                      | 132572                    |                        |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | QPSK       | 1       | 0         | 20.43                    | 20.19                       | 20.05                     | 20.6                   |
| 20              | QPSK       | 1       | 49        | 20.16                    | 20.08                       | 19.96                     |                        |
| 20              | QPSK       | 1       | 99        | 20.14                    | 20.03                       | 19.77                     |                        |
| 20              | QPSK       | 50      | 0         | 19.27                    | 19.14                       | 19.08                     | 19.6                   |
| 20              | QPSK       | 50      | 24        | 19.25                    | 19.12                       | 19.02                     |                        |
| 20              | QPSK       | 50      | 50        | 19.21                    | 19.08                       | 18.94                     |                        |
| 20              | QPSK       | 100     | 0         | 19.21                    | 19.10                       | 19.00                     |                        |
| 20              | 16QAM      | 1       | 0         | 19.52                    | 19.47                       | 19.26                     | 19.6                   |
| 20              | 16QAM      | 1       | 49        | 19.54                    | 19.48                       | 19.22                     |                        |
| 20              | 16QAM      | 1       | 99        | 19.42                    | 19.32                       | 19.08                     |                        |
| 20              | 16QAM      | 50      | 0         | 18.22                    | 18.18                       | 18.10                     | 18.6                   |
| 20              | 16QAM      | 50      | 24        | 18.28                    | 18.12                       | 18.02                     |                        |
| 20              | 16QAM      | 50      | 50        | 18.20                    | 18.11                       | 17.98                     |                        |
| 20              | 16QAM      | 100     | 0         | 18.27                    | 18.12                       | 18.01                     |                        |
| 20              | 64QAM      | 1       | 0         | 18.43                    | 18.35                       | 18.20                     | 18.6                   |
| 20              | 64QAM      | 1       | 49        | 18.42                    | 18.35                       | 18.04                     |                        |
| 20              | 64QAM      | 1       | 99        | 18.33                    | 18.19                       | 17.94                     |                        |
| 20              | 64QAM      | 50      | 0         | 17.19                    | 17.11                       | 17.09                     | 17.6                   |
| 20              | 64QAM      | 50      | 24        | 17.25                    | 17.14                       | 17.00                     |                        |
| 20              | 64QAM      | 50      | 50        | 17.20                    | 17.15                       | 16.97                     |                        |
| 20              | 64QAM      | 100     | 0         | 17.24                    | 17.08                       | 17.02                     |                        |
| 20              | 256QAM     | 1       | 0         | 15.14                    | 14.96                       | 14.87                     | 15.6                   |
| 20              | 256QAM     | 1       | 49        | 15.07                    | 14.95                       | 14.79                     |                        |
| 20              | 256QAM     | 1       | 99        | 15.08                    | 14.93                       | 14.83                     |                        |
| 20              | 256QAM     | 50      | 0         | 15.13                    | 14.97                       | 14.83                     | 15.6                   |
| 20              | 256QAM     | 50      | 24        | 15.04                    | 14.97                       | 14.82                     |                        |
| 20              | 256QAM     | 50      | 50        | 15.14                    | 14.90                       | 14.90                     |                        |
| 20              | 256QAM     | 100     | 0         | 15.08                    | 14.92                       | 14.85                     |                        |
| Channel         |            |         |           | 132047                   | 132322                      | 132597                    |                        |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.33                    | 20.06                       | 19.88                     | 20.6                   |
| 15              | QPSK       | 1       | 37        | 19.98                    | 19.94                       | 19.86                     |                        |
| 15              | QPSK       | 1       | 74        | 19.95                    | 19.83                       | 19.60                     |                        |
| 15              | QPSK       | 36      | 0         | 19.17                    | 18.94                       | 18.92                     | 19.6                   |
| 15              | QPSK       | 36      | 20        | 19.13                    | 19.01                       | 18.90                     |                        |
| 15              | QPSK       | 36      | 39        | 19.01                    | 18.96                       | 18.77                     |                        |
| 15              | QPSK       | 75      | 0         | 19.03                    | 19.00                       | 18.86                     |                        |
| 15              | 16QAM      | 1       | 0         | 19.37                    | 19.31                       | 19.08                     | 19.6                   |
| 15              | 16QAM      | 1       | 37        | 19.38                    | 19.34                       | 19.08                     |                        |
| 15              | 16QAM      | 1       | 74        | 19.24                    | 19.22                       | 18.98                     |                        |
| 15              | 16QAM      | 36      | 0         | 18.12                    | 18.00                       | 17.90                     | 18.6                   |
| 15              | 16QAM      | 36      | 20        | 18.09                    | 18.00                       | 17.86                     |                        |
| 15              | 16QAM      | 36      | 39        | 18.08                    | 17.98                       | 17.85                     |                        |
| 15              | 16QAM      | 75      | 0         | 18.17                    | 17.92                       | 17.85                     |                        |
| 15              | 64QAM      | 1       | 0         | 18.26                    | 18.25                       | 18.05                     | 18.6                   |
| 15              | 64QAM      | 1       | 37        | 18.24                    | 18.24                       | 17.85                     |                        |
| 15              | 64QAM      | 1       | 74        | 18.21                    | 17.99                       | 17.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 17.02                    | 16.92                       | 16.97                     | 17.6                   |
| 15              | 64QAM      | 36      | 20        | 17.12                    | 16.98                       | 16.80                     |                        |
| 15              | 64QAM      | 36      | 39        | 17.06                    | 17.02                       | 16.83                     |                        |
| 15              | 64QAM      | 75      | 0         | 17.05                    | 16.90                       | 16.83                     |                        |
| 15              | 256QAM     | 1       | 0         | 14.98                    | 14.77                       | 14.68                     | 15.6                   |
| 15              | 256QAM     | 1       | 37        | 14.92                    | 14.82                       | 14.66                     |                        |
| 15              | 256QAM     | 1       | 74        | 14.93                    | 14.75                       | 14.64                     |                        |
| 15              | 256QAM     | 36      | 0         | 14.93                    | 14.78                       | 14.67                     | 15.6                   |
| 15              | 256QAM     | 36      | 20        | 14.94                    | 14.82                       | 14.70                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 14.96  | 14.73  | 14.72  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 14.89  | 14.74  | 14.74  |                     |
| Channel         |        |    |    | 132022 | 132322 | 132622 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1715   | 1745   | 1775   |                     |
| 10              | QPSK   | 1  | 0  | 20.33  | 20.06  | 19.88  | 20.6                |
| 10              | QPSK   | 1  | 25 | 20.00  | 19.89  | 19.85  |                     |
| 10              | QPSK   | 1  | 49 | 20.03  | 19.83  | 19.66  |                     |
| 10              | QPSK   | 25 | 0  | 19.12  | 18.99  | 18.88  | 19.6                |
| 10              | QPSK   | 25 | 12 | 19.08  | 18.97  | 18.85  |                     |
| 10              | QPSK   | 25 | 25 | 19.07  | 18.96  | 18.84  |                     |
| 10              | QPSK   | 50 | 0  | 19.09  | 18.90  | 18.88  |                     |
| 10              | 16QAM  | 1  | 0  | 19.39  | 19.27  | 19.15  | 19.6                |
| 10              | 16QAM  | 1  | 25 | 19.40  | 19.37  | 19.11  |                     |
| 10              | 16QAM  | 1  | 49 | 19.26  | 19.20  | 18.98  |                     |
| 10              | 16QAM  | 25 | 0  | 18.10  | 18.05  | 18.00  | 18.6                |
| 10              | 16QAM  | 25 | 12 | 18.09  | 17.94  | 17.89  |                     |
| 10              | 16QAM  | 25 | 25 | 18.08  | 18.00  | 17.79  |                     |
| 10              | 16QAM  | 50 | 0  | 18.12  | 17.93  | 17.90  |                     |
| 10              | 64QAM  | 1  | 0  | 18.24  | 18.15  | 18.09  | 18.6                |
| 10              | 64QAM  | 1  | 25 | 18.27  | 18.18  | 17.84  |                     |
| 10              | 64QAM  | 1  | 49 | 18.21  | 17.99  | 17.80  |                     |
| 10              | 64QAM  | 25 | 0  | 17.00  | 16.94  | 16.98  | 17.6                |
| 10              | 64QAM  | 25 | 12 | 17.15  | 16.99  | 16.90  |                     |
| 10              | 64QAM  | 25 | 25 | 17.06  | 16.98  | 16.87  |                     |
| 10              | 64QAM  | 50 | 0  | 17.10  | 16.98  | 16.85  |                     |
| 10              | 256QAM | 1  | 0  | 14.94  | 14.84  | 14.77  | 15.6                |
| 10              | 256QAM | 1  | 25 | 14.97  | 14.78  | 14.68  |                     |
| 10              | 256QAM | 1  | 49 | 14.98  | 14.75  | 14.63  |                     |
| 10              | 256QAM | 25 | 0  | 15.00  | 14.79  | 14.64  | 15.6                |
| 10              | 256QAM | 25 | 12 | 14.87  | 14.80  | 14.62  |                     |
| 10              | 256QAM | 25 | 25 | 15.02  | 14.77  | 14.71  |                     |
| 10              | 256QAM | 50 | 0  | 14.93  | 14.76  | 14.75  |                     |
| Channel         |        |    |    | 131997 | 132322 | 132647 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 1712.5 | 1745   | 1777.5 |                     |
| 5               | QPSK   | 1  | 0  | 20.24  | 20.09  | 19.94  | 20.6                |
| 5               | QPSK   | 1  | 12 | 20.05  | 19.96  | 19.76  |                     |
| 5               | QPSK   | 1  | 24 | 19.94  | 19.88  | 19.62  |                     |
| 5               | QPSK   | 12 | 0  | 19.16  | 18.98  | 18.93  | 19.6                |
| 5               | QPSK   | 12 | 7  | 19.10  | 18.96  | 18.90  |                     |
| 5               | QPSK   | 12 | 13 | 19.01  | 18.96  | 18.82  |                     |
| 5               | QPSK   | 25 | 0  | 19.10  | 18.92  | 18.85  |                     |
| 5               | 16QAM  | 1  | 0  | 19.37  | 19.28  | 19.11  | 19.6                |
| 5               | 16QAM  | 1  | 12 | 19.34  | 19.36  | 19.11  |                     |
| 5               | 16QAM  | 1  | 24 | 19.24  | 19.12  | 18.92  |                     |
| 5               | 16QAM  | 12 | 0  | 18.09  | 18.03  | 17.98  | 18.6                |
| 5               | 16QAM  | 12 | 7  | 18.08  | 17.96  | 17.85  |                     |
| 5               | 16QAM  | 12 | 13 | 18.00  | 17.92  | 17.83  |                     |
| 5               | 16QAM  | 25 | 0  | 18.17  | 18.01  | 17.87  |                     |
| 5               | 64QAM  | 1  | 0  | 18.24  | 18.17  | 18.09  | 18.6                |
| 5               | 64QAM  | 1  | 12 | 18.25  | 18.25  | 17.91  |                     |
| 5               | 64QAM  | 1  | 24 | 18.21  | 18.01  | 17.76  |                     |
| 5               | 64QAM  | 12 | 0  | 17.08  | 16.96  | 16.99  | 17.6                |
| 5               | 64QAM  | 12 | 7  | 17.09  | 17.00  | 16.80  |                     |
| 5               | 64QAM  | 12 | 13 | 17.00  | 17.05  | 16.84  |                     |
| 5               | 64QAM  | 25 | 0  | 17.05  | 16.95  | 16.87  |                     |
| 5               | 256QAM | 1  | 0  | 14.95  | 14.76  | 14.68  | 15.6                |
| 5               | 256QAM | 1  | 12 | 14.97  | 14.83  | 14.66  |                     |
| 5               | 256QAM | 1  | 24 | 14.98  | 14.80  | 14.63  |                     |
| 5               | 256QAM | 12 | 0  | 14.99  | 14.85  | 14.73  | 15.6                |
| 5               | 256QAM | 12 | 7  | 14.89  | 14.87  | 14.72  |                     |
| 5               | 256QAM | 12 | 13 | 14.96  | 14.79  | 14.71  |                     |
| 5               | 256QAM | 25 | 0  | 14.89  | 14.73  | 14.72  |                     |
| Channel         |        |    |    | 131987 | 132322 | 132657 | Tune-up limit       |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

| Frequency (MHz) |        |    |    | 1711.5 | 1745   | 1778.5 | (dBm)               |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 3               | QPSK   | 1  | 0  | 20.31  | 20.06  | 19.86  | 20.6                |
| 3               | QPSK   | 1  | 8  | 20.02  | 19.95  | 19.82  |                     |
| 3               | QPSK   | 1  | 14 | 19.96  | 19.85  | 19.64  |                     |
| 3               | QPSK   | 8  | 0  | 19.09  | 18.98  | 18.88  | 19.6                |
| 3               | QPSK   | 8  | 4  | 19.13  | 18.95  | 18.83  |                     |
| 3               | QPSK   | 8  | 7  | 19.10  | 18.92  | 18.75  |                     |
| 3               | QPSK   | 15 | 0  | 19.04  | 18.98  | 18.86  | 19.6                |
| 3               | 16QAM  | 1  | 0  | 19.41  | 19.37  | 19.15  |                     |
| 3               | 16QAM  | 1  | 8  | 19.44  | 19.33  | 19.03  |                     |
| 3               | 16QAM  | 1  | 14 | 19.32  | 19.13  | 18.89  | 18.6                |
| 3               | 16QAM  | 8  | 0  | 18.12  | 18.08  | 17.96  |                     |
| 3               | 16QAM  | 8  | 4  | 18.11  | 17.97  | 17.85  |                     |
| 3               | 16QAM  | 8  | 7  | 18.09  | 17.98  | 17.87  | 18.6                |
| 3               | 16QAM  | 15 | 0  | 18.11  | 17.95  | 17.83  |                     |
| 3               | 64QAM  | 1  | 0  | 18.25  | 18.20  | 18.07  |                     |
| 3               | 64QAM  | 1  | 8  | 18.26  | 18.16  | 17.92  | 18.6                |
| 3               | 64QAM  | 1  | 14 | 18.13  | 18.08  | 17.83  |                     |
| 3               | 64QAM  | 8  | 0  | 16.99  | 16.91  | 16.98  |                     |
| 3               | 64QAM  | 8  | 4  | 17.07  | 17.04  | 16.89  | 17.6                |
| 3               | 64QAM  | 8  | 7  | 17.01  | 17.04  | 16.84  |                     |
| 3               | 64QAM  | 15 | 0  | 17.04  | 16.94  | 16.86  |                     |
| 3               | 256QAM | 1  | 0  | 14.95  | 14.81  | 14.73  | 15.6                |
| 3               | 256QAM | 1  | 8  | 14.93  | 14.77  | 14.65  |                     |
| 3               | 256QAM | 1  | 14 | 14.89  | 14.74  | 14.67  |                     |
| 3               | 256QAM | 8  | 0  | 14.96  | 14.84  | 14.64  | 15.6                |
| 3               | 256QAM | 8  | 4  | 14.94  | 14.83  | 14.65  |                     |
| 3               | 256QAM | 8  | 7  | 15.03  | 14.74  | 14.73  |                     |
| 3               | 256QAM | 15 | 0  | 14.92  | 14.73  | 14.65  | Tune-up limit (dBm) |
| Channel         |        |    |    | 131979 | 132322 | 132665 |                     |
| Frequency (MHz) |        |    |    | 1710.7 | 1745   | 1779.3 | 20.6                |
| 1.4             | QPSK   | 1  | 0  | 20.20  | 19.88  | 19.72  |                     |
| 1.4             | QPSK   | 1  | 3  | 19.83  | 19.80  | 19.66  |                     |
| 1.4             | QPSK   | 1  | 5  | 19.84  | 19.75  | 19.45  |                     |
| 1.4             | QPSK   | 3  | 0  | 20.13  | 19.89  | 19.71  |                     |
| 1.4             | QPSK   | 3  | 1  | 19.82  | 19.78  | 19.63  |                     |
| 1.4             | QPSK   | 3  | 3  | 19.84  | 19.68  | 19.50  | 19.6                |
| 1.4             | QPSK   | 6  | 0  | 18.87  | 18.81  | 18.67  |                     |
| 1.4             | 16QAM  | 1  | 0  | 19.22  | 19.25  | 19.05  | 19.6                |
| 1.4             | 16QAM  | 1  | 3  | 19.24  | 19.21  | 18.86  |                     |
| 1.4             | 16QAM  | 1  | 5  | 19.17  | 18.94  | 18.79  |                     |
| 1.4             | 16QAM  | 3  | 0  | 19.29  | 19.22  | 18.99  |                     |
| 1.4             | 16QAM  | 3  | 1  | 19.29  | 19.20  | 18.91  |                     |
| 1.4             | 16QAM  | 3  | 3  | 19.18  | 19.00  | 18.77  | 18.6                |
| 1.4             | 16QAM  | 6  | 0  | 17.97  | 17.83  | 17.72  |                     |
| 1.4             | 64QAM  | 1  | 0  | 18.14  | 18.08  | 17.94  | 18.6                |
| 1.4             | 64QAM  | 1  | 3  | 18.09  | 18.01  | 17.82  |                     |
| 1.4             | 64QAM  | 1  | 5  | 17.93  | 17.89  | 17.66  |                     |
| 1.4             | 64QAM  | 3  | 0  | 18.09  | 18.10  | 17.95  |                     |
| 1.4             | 64QAM  | 3  | 1  | 18.16  | 18.02  | 17.82  |                     |
| 1.4             | 64QAM  | 3  | 3  | 17.95  | 17.92  | 17.73  | 17.6                |
| 1.4             | 64QAM  | 6  | 0  | 16.89  | 16.82  | 16.75  |                     |
| 1.4             | 256QAM | 1  | 0  | 14.84  | 14.65  | 14.57  | 15.6                |
| 1.4             | 256QAM | 1  | 3  | 14.76  | 14.62  | 14.46  |                     |
| 1.4             | 256QAM | 1  | 5  | 14.75  | 14.60  | 14.51  |                     |
| 1.4             | 256QAM | 3  | 0  | 14.82  | 14.67  | 14.62  |                     |
| 1.4             | 256QAM | 3  | 1  | 14.79  | 14.60  | 14.47  |                     |
| 1.4             | 256QAM | 3  | 3  | 14.78  | 14.60  | 14.50  | 15.6                |
| 1.4             | 256QAM | 6  | 0  | 14.77  | 14.60  | 14.49  |                     |



&lt;LTE Band 71\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 133222                   | 133297                      | 133372                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | QPSK       | 1       | 0         | 24.78                    | 24.85                       | 24.72                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.69                    | 24.76                       | 24.63                     |                        |
| 20              | QPSK       | 1       | 99        | 24.56                    | 24.64                       | 24.54                     |                        |
| 20              | QPSK       | 50      | 0         | 23.88                    | 23.89                       | 23.80                     | 24                     |
| 20              | QPSK       | 50      | 24        | 23.83                    | 23.87                       | 23.84                     |                        |
| 20              | QPSK       | 50      | 50        | 23.67                    | 23.81                       | 23.76                     |                        |
| 20              | QPSK       | 100     | 0         | 23.82                    | 23.90                       | 23.76                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 23.64                    | 23.83                       | 23.95                     |                        |
| 20              | 16QAM      | 1       | 49        | 23.58                    | 23.86                       | 24.00                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.49                    | 23.95                       | 23.83                     | 23                     |
| 20              | 16QAM      | 50      | 0         | 22.82                    | 22.89                       | 22.77                     |                        |
| 20              | 16QAM      | 50      | 24        | 22.80                    | 22.87                       | 22.82                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.66                    | 22.85                       | 22.77                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 22.78                    | 22.83                       | 22.76                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.81                    | 22.90                       | 22.94                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.83                    | 22.91                       | 22.90                     | 22                     |
| 20              | 64QAM      | 1       | 99        | 22.86                    | 22.93                       | 22.87                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.79                    | 21.90                       | 21.73                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.79                    | 21.91                       | 21.77                     | 20                     |
| 20              | 64QAM      | 50      | 50        | 21.65                    | 21.79                       | 21.75                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.79                    | 21.82                       | 21.72                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.96                    | 19.89                       | 19.72                     | 20                     |
| 20              | 256QAM     | 1       | 49        | 19.77                    | 19.82                       | 19.62                     |                        |
| 20              | 256QAM     | 1       | 99        | 19.70                    | 19.75                       | 19.63                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.79                    | 19.79                       | 19.74                     | 20                     |
| 20              | 256QAM     | 50      | 24        | 19.61                    | 19.74                       | 19.60                     |                        |
| 20              | 256QAM     | 50      | 50        | 19.63                    | 19.75                       | 19.64                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.61                    | 19.81                       | 19.65                     |                        |
| Channel         |            |         |           | 133197                   | 133297                      | 133397                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | QPSK       | 1       | 0         | 24.61                    | 24.69                       | 24.56                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.54                    | 24.59                       | 24.51                     |                        |
| 15              | QPSK       | 1       | 74        | 24.44                    | 24.45                       | 24.38                     |                        |
| 15              | QPSK       | 36      | 0         | 23.72                    | 23.74                       | 23.63                     | 24                     |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.76                       | 23.67                     |                        |
| 15              | QPSK       | 36      | 39        | 23.54                    | 23.71                       | 23.57                     |                        |
| 15              | QPSK       | 75      | 0         | 23.68                    | 23.72                       | 23.60                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 23.46                    | 23.65                       | 23.75                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.45                    | 23.75                       | 23.88                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.39                    | 23.77                       | 23.66                     | 23                     |
| 15              | 16QAM      | 36      | 0         | 22.62                    | 22.73                       | 22.65                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.60                    | 22.71                       | 22.69                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.52                    | 22.66                       | 22.63                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 22.63                    | 22.71                       | 22.60                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.80                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.68                    | 22.77                       | 22.76                     | 22                     |
| 15              | 64QAM      | 1       | 74        | 22.70                    | 22.77                       | 22.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.68                    | 21.75                       | 21.62                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.63                    | 21.80                       | 21.67                     | 20                     |
| 15              | 64QAM      | 36      | 39        | 21.53                    | 21.69                       | 21.56                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.59                    | 21.71                       | 21.60                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.85                    | 19.78                       | 19.52                     | 20                     |
| 15              | 256QAM     | 1       | 37        | 19.58                    | 19.64                       | 19.52                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.62                       | 19.49                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.66                    | 19.63                       | 19.63                     | 20                     |
| 15              | 256QAM     | 36      | 20        | 19.49                    | 19.62                       | 19.47                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 19.46  | 19.57  | 19.52  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 19.49  | 19.61  | 19.47  |                     |
| Channel         |        |    |    | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 668    | 680.5  | 693    |                     |
| 10              | QPSK   | 1  | 0  | 24.59  | 24.71  | 24.59  | 25                  |
| 10              | QPSK   | 1  | 25 | 24.58  | 24.65  | 24.49  |                     |
| 10              | QPSK   | 1  | 49 | 24.44  | 24.51  | 24.41  |                     |
| 10              | QPSK   | 25 | 0  | 23.73  | 23.72  | 23.65  | 24                  |
| 10              | QPSK   | 25 | 12 | 23.69  | 23.69  | 23.73  |                     |
| 10              | QPSK   | 25 | 25 | 23.50  | 23.65  | 23.57  |                     |
| 10              | QPSK   | 50 | 0  | 23.69  | 23.76  | 23.65  |                     |
| 10              | 16QAM  | 1  | 0  | 23.50  | 23.68  | 23.85  |                     |
| 10              | 16QAM  | 1  | 25 | 23.40  | 23.66  | 23.81  | 24                  |
| 10              | 16QAM  | 1  | 49 | 23.30  | 23.75  | 23.73  |                     |
| 10              | 16QAM  | 25 | 0  | 22.65  | 22.69  | 22.64  | 23                  |
| 10              | 16QAM  | 25 | 12 | 22.70  | 22.77  | 22.62  |                     |
| 10              | 16QAM  | 25 | 25 | 22.55  | 22.65  | 22.61  |                     |
| 10              | 16QAM  | 50 | 0  | 22.66  | 22.63  | 22.62  |                     |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.72  | 22.81  | 23                  |
| 10              | 64QAM  | 1  | 25 | 22.65  | 22.76  | 22.72  |                     |
| 10              | 64QAM  | 1  | 49 | 22.74  | 22.80  | 22.67  |                     |
| 10              | 64QAM  | 25 | 0  | 21.69  | 21.80  | 21.59  | 22                  |
| 10              | 64QAM  | 25 | 12 | 21.60  | 21.73  | 21.58  |                     |
| 10              | 64QAM  | 25 | 25 | 21.55  | 21.63  | 21.58  |                     |
| 10              | 64QAM  | 50 | 0  | 21.65  | 21.62  | 21.58  |                     |
| 10              | 256QAM | 1  | 0  | 19.84  | 19.78  | 19.59  | 20                  |
| 10              | 256QAM | 1  | 25 | 19.59  | 19.69  | 19.52  |                     |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.65  | 19.47  |                     |
| 10              | 256QAM | 25 | 0  | 19.68  | 19.59  | 19.63  | 20                  |
| 10              | 256QAM | 25 | 12 | 19.41  | 19.57  | 19.50  |                     |
| 10              | 256QAM | 25 | 25 | 19.51  | 19.56  | 19.47  |                     |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.71  | 19.45  |                     |
| Channel         |        |    |    | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 665.5  | 680.5  | 695.5  |                     |
| 5               | QPSK   | 1  | 0  | 24.58  | 24.66  | 24.54  | 25                  |
| 5               | QPSK   | 1  | 12 | 24.50  | 24.63  | 24.48  |                     |
| 5               | QPSK   | 1  | 24 | 24.46  | 24.50  | 24.37  |                     |
| 5               | QPSK   | 12 | 0  | 23.71  | 23.69  | 23.67  | 24                  |
| 5               | QPSK   | 12 | 7  | 23.67  | 23.77  | 23.71  |                     |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.67  | 23.61  |                     |
| 5               | QPSK   | 25 | 0  | 23.68  | 23.80  | 23.62  |                     |
| 5               | 16QAM  | 1  | 0  | 23.51  | 23.65  | 23.82  | 24                  |
| 5               | 16QAM  | 1  | 12 | 23.44  | 23.76  | 23.90  |                     |
| 5               | 16QAM  | 1  | 24 | 23.30  | 23.78  | 23.63  |                     |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.75  | 22.57  | 23                  |
| 5               | 16QAM  | 12 | 7  | 22.63  | 22.71  | 22.66  |                     |
| 5               | 16QAM  | 12 | 13 | 22.47  | 22.73  | 22.66  |                     |
| 5               | 16QAM  | 25 | 0  | 22.68  | 22.66  | 22.62  |                     |
| 5               | 64QAM  | 1  | 0  | 22.65  | 22.72  | 22.78  | 23                  |
| 5               | 64QAM  | 1  | 12 | 22.68  | 22.78  | 22.71  |                     |
| 5               | 64QAM  | 1  | 24 | 22.68  | 22.73  | 22.76  |                     |
| 5               | 64QAM  | 12 | 0  | 21.63  | 21.73  | 21.61  | 22                  |
| 5               | 64QAM  | 12 | 7  | 21.67  | 21.76  | 21.59  |                     |
| 5               | 64QAM  | 12 | 13 | 21.50  | 21.61  | 21.63  |                     |
| 5               | 64QAM  | 25 | 0  | 21.66  | 21.64  | 21.59  |                     |
| 5               | 256QAM | 1  | 0  | 19.79  | 19.74  | 19.53  | 20                  |
| 5               | 256QAM | 1  | 12 | 19.67  | 19.66  | 19.50  |                     |
| 5               | 256QAM | 1  | 24 | 19.50  | 19.59  | 19.52  |                     |
| 5               | 256QAM | 12 | 0  | 19.62  | 19.60  | 19.63  | 20                  |
| 5               | 256QAM | 12 | 7  | 19.50  | 19.57  | 19.40  |                     |
| 5               | 256QAM | 12 | 13 | 19.44  | 19.60  | 19.54  |                     |
| 5               | 256QAM | 25 | 0  | 19.47  | 19.63  | 19.47  |                     |



&lt;LTE Band 71\_Ant 1\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 133222                   | 133297                      | 133372                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | QPSK       | 1       | 0         | 24.78                    | 24.85                       | 24.72                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.69                    | 24.76                       | 24.63                     |                        |
| 20              | QPSK       | 1       | 99        | 24.56                    | 24.64                       | 24.54                     |                        |
| 20              | QPSK       | 50      | 0         | 23.88                    | 23.89                       | 23.80                     | 24                     |
| 20              | QPSK       | 50      | 24        | 23.83                    | 23.87                       | 23.84                     |                        |
| 20              | QPSK       | 50      | 50        | 23.67                    | 23.81                       | 23.76                     |                        |
| 20              | QPSK       | 100     | 0         | 23.82                    | 23.90                       | 23.76                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 23.64                    | 23.83                       | 23.95                     |                        |
| 20              | 16QAM      | 1       | 49        | 23.58                    | 23.86                       | 24.00                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.49                    | 23.95                       | 23.83                     | 23                     |
| 20              | 16QAM      | 50      | 0         | 22.82                    | 22.89                       | 22.77                     |                        |
| 20              | 16QAM      | 50      | 24        | 22.80                    | 22.87                       | 22.82                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.66                    | 22.85                       | 22.77                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 22.78                    | 22.83                       | 22.76                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.81                    | 22.90                       | 22.94                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.83                    | 22.91                       | 22.90                     | 22                     |
| 20              | 64QAM      | 1       | 99        | 22.86                    | 22.93                       | 22.87                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.79                    | 21.90                       | 21.73                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.79                    | 21.91                       | 21.77                     | 20                     |
| 20              | 64QAM      | 50      | 50        | 21.65                    | 21.79                       | 21.75                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.79                    | 21.82                       | 21.72                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.96                    | 19.89                       | 19.72                     | 20                     |
| 20              | 256QAM     | 1       | 49        | 19.77                    | 19.82                       | 19.62                     |                        |
| 20              | 256QAM     | 1       | 99        | 19.70                    | 19.75                       | 19.63                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.79                    | 19.79                       | 19.74                     | 20                     |
| 20              | 256QAM     | 50      | 24        | 19.61                    | 19.74                       | 19.60                     |                        |
| 20              | 256QAM     | 50      | 50        | 19.63                    | 19.75                       | 19.64                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.61                    | 19.81                       | 19.65                     |                        |
| Channel         |            |         |           | 133197                   | 133297                      | 133397                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | QPSK       | 1       | 0         | 24.61                    | 24.69                       | 24.56                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.54                    | 24.59                       | 24.51                     |                        |
| 15              | QPSK       | 1       | 74        | 24.44                    | 24.45                       | 24.38                     |                        |
| 15              | QPSK       | 36      | 0         | 23.72                    | 23.74                       | 23.63                     | 24                     |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.76                       | 23.67                     |                        |
| 15              | QPSK       | 36      | 39        | 23.54                    | 23.71                       | 23.57                     |                        |
| 15              | QPSK       | 75      | 0         | 23.68                    | 23.72                       | 23.60                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 23.46                    | 23.65                       | 23.75                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.45                    | 23.75                       | 23.88                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.39                    | 23.77                       | 23.66                     | 23                     |
| 15              | 16QAM      | 36      | 0         | 22.62                    | 22.73                       | 22.65                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.60                    | 22.71                       | 22.69                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.52                    | 22.66                       | 22.63                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 22.63                    | 22.71                       | 22.60                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.80                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.68                    | 22.77                       | 22.76                     | 22                     |
| 15              | 64QAM      | 1       | 74        | 22.70                    | 22.77                       | 22.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.68                    | 21.75                       | 21.62                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.63                    | 21.80                       | 21.67                     | 20                     |
| 15              | 64QAM      | 36      | 39        | 21.53                    | 21.69                       | 21.56                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.59                    | 21.71                       | 21.60                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.85                    | 19.78                       | 19.52                     | 20                     |
| 15              | 256QAM     | 1       | 37        | 19.58                    | 19.64                       | 19.52                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.62                       | 19.49                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.66                    | 19.63                       | 19.63                     | 20                     |
| 15              | 256QAM     | 36      | 20        | 19.49                    | 19.62                       | 19.47                     |                        |



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|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 19.46  | 19.57  | 19.52  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 19.49  | 19.61  | 19.47  |                     |
| Channel         |        |    |    | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 668    | 680.5  | 693    |                     |
| 10              | QPSK   | 1  | 0  | 24.59  | 24.71  | 24.59  | 25                  |
| 10              | QPSK   | 1  | 25 | 24.58  | 24.65  | 24.49  |                     |
| 10              | QPSK   | 1  | 49 | 24.44  | 24.51  | 24.41  |                     |
| 10              | QPSK   | 25 | 0  | 23.73  | 23.72  | 23.65  | 24                  |
| 10              | QPSK   | 25 | 12 | 23.69  | 23.69  | 23.73  |                     |
| 10              | QPSK   | 25 | 25 | 23.50  | 23.65  | 23.57  |                     |
| 10              | QPSK   | 50 | 0  | 23.69  | 23.76  | 23.65  |                     |
| 10              | 16QAM  | 1  | 0  | 23.50  | 23.68  | 23.85  | 24                  |
| 10              | 16QAM  | 1  | 25 | 23.40  | 23.66  | 23.81  |                     |
| 10              | 16QAM  | 1  | 49 | 23.30  | 23.75  | 23.73  |                     |
| 10              | 16QAM  | 25 | 0  | 22.65  | 22.69  | 22.64  | 23                  |
| 10              | 16QAM  | 25 | 12 | 22.70  | 22.77  | 22.62  |                     |
| 10              | 16QAM  | 25 | 25 | 22.55  | 22.65  | 22.61  |                     |
| 10              | 16QAM  | 50 | 0  | 22.66  | 22.63  | 22.62  |                     |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.72  | 22.81  | 23                  |
| 10              | 64QAM  | 1  | 25 | 22.65  | 22.76  | 22.72  |                     |
| 10              | 64QAM  | 1  | 49 | 22.74  | 22.80  | 22.67  |                     |
| 10              | 64QAM  | 25 | 0  | 21.69  | 21.80  | 21.59  | 22                  |
| 10              | 64QAM  | 25 | 12 | 21.60  | 21.73  | 21.58  |                     |
| 10              | 64QAM  | 25 | 25 | 21.55  | 21.63  | 21.58  |                     |
| 10              | 64QAM  | 50 | 0  | 21.65  | 21.62  | 21.58  |                     |
| 10              | 256QAM | 1  | 0  | 19.84  | 19.78  | 19.59  | 20                  |
| 10              | 256QAM | 1  | 25 | 19.59  | 19.69  | 19.52  |                     |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.65  | 19.47  |                     |
| 10              | 256QAM | 25 | 0  | 19.68  | 19.59  | 19.63  | 20                  |
| 10              | 256QAM | 25 | 12 | 19.41  | 19.57  | 19.50  |                     |
| 10              | 256QAM | 25 | 25 | 19.51  | 19.56  | 19.47  |                     |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.71  | 19.45  |                     |
| Channel         |        |    |    | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 665.5  | 680.5  | 695.5  |                     |
| 5               | QPSK   | 1  | 0  | 24.58  | 24.66  | 24.54  | 25                  |
| 5               | QPSK   | 1  | 12 | 24.50  | 24.63  | 24.48  |                     |
| 5               | QPSK   | 1  | 24 | 24.46  | 24.50  | 24.37  |                     |
| 5               | QPSK   | 12 | 0  | 23.71  | 23.69  | 23.67  | 24                  |
| 5               | QPSK   | 12 | 7  | 23.67  | 23.77  | 23.71  |                     |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.67  | 23.61  |                     |
| 5               | QPSK   | 25 | 0  | 23.68  | 23.80  | 23.62  |                     |
| 5               | 16QAM  | 1  | 0  | 23.51  | 23.65  | 23.82  | 24                  |
| 5               | 16QAM  | 1  | 12 | 23.44  | 23.76  | 23.90  |                     |
| 5               | 16QAM  | 1  | 24 | 23.30  | 23.78  | 23.63  |                     |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.75  | 22.57  | 23                  |
| 5               | 16QAM  | 12 | 7  | 22.63  | 22.71  | 22.66  |                     |
| 5               | 16QAM  | 12 | 13 | 22.47  | 22.73  | 22.66  |                     |
| 5               | 16QAM  | 25 | 0  | 22.68  | 22.66  | 22.62  |                     |
| 5               | 64QAM  | 1  | 0  | 22.65  | 22.72  | 22.78  | 23                  |
| 5               | 64QAM  | 1  | 12 | 22.68  | 22.78  | 22.71  |                     |
| 5               | 64QAM  | 1  | 24 | 22.68  | 22.73  | 22.76  |                     |
| 5               | 64QAM  | 12 | 0  | 21.63  | 21.73  | 21.61  | 22                  |
| 5               | 64QAM  | 12 | 7  | 21.67  | 21.76  | 21.59  |                     |
| 5               | 64QAM  | 12 | 13 | 21.50  | 21.61  | 21.63  |                     |
| 5               | 64QAM  | 25 | 0  | 21.66  | 21.64  | 21.59  |                     |
| 5               | 256QAM | 1  | 0  | 19.79  | 19.74  | 19.53  | 20                  |
| 5               | 256QAM | 1  | 12 | 19.67  | 19.66  | 19.50  |                     |
| 5               | 256QAM | 1  | 24 | 19.50  | 19.59  | 19.52  |                     |
| 5               | 256QAM | 12 | 0  | 19.62  | 19.60  | 19.63  | 20                  |
| 5               | 256QAM | 12 | 7  | 19.50  | 19.57  | 19.40  |                     |
| 5               | 256QAM | 12 | 13 | 19.44  | 19.60  | 19.54  |                     |
| 5               | 256QAM | 25 | 0  | 19.47  | 19.63  | 19.47  |                     |



&lt;LTE Band 71\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 133222                   | 133297                      | 133372                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | QPSK       | 1       | 0         | 24.78                    | 24.85                       | 24.72                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.69                    | 24.76                       | 24.63                     |                        |
| 20              | QPSK       | 1       | 99        | 24.56                    | 24.64                       | 24.54                     |                        |
| 20              | QPSK       | 50      | 0         | 23.88                    | 23.89                       | 23.80                     | 24                     |
| 20              | QPSK       | 50      | 24        | 23.83                    | 23.87                       | 23.84                     |                        |
| 20              | QPSK       | 50      | 50        | 23.67                    | 23.81                       | 23.76                     |                        |
| 20              | QPSK       | 100     | 0         | 23.82                    | 23.90                       | 23.76                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 23.64                    | 23.83                       | 23.95                     |                        |
| 20              | 16QAM      | 1       | 49        | 23.58                    | 23.86                       | 24.00                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.49                    | 23.95                       | 23.83                     | 23                     |
| 20              | 16QAM      | 50      | 0         | 22.82                    | 22.89                       | 22.77                     |                        |
| 20              | 16QAM      | 50      | 24        | 22.80                    | 22.87                       | 22.82                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.66                    | 22.85                       | 22.77                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 22.78                    | 22.83                       | 22.76                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.81                    | 22.90                       | 22.94                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.83                    | 22.91                       | 22.90                     | 22                     |
| 20              | 64QAM      | 1       | 99        | 22.86                    | 22.93                       | 22.87                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.79                    | 21.90                       | 21.73                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.79                    | 21.91                       | 21.77                     | 20                     |
| 20              | 64QAM      | 50      | 50        | 21.65                    | 21.79                       | 21.75                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.79                    | 21.82                       | 21.72                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.96                    | 19.89                       | 19.72                     | 20                     |
| 20              | 256QAM     | 1       | 49        | 19.77                    | 19.82                       | 19.62                     |                        |
| 20              | 256QAM     | 1       | 99        | 19.70                    | 19.75                       | 19.63                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.79                    | 19.79                       | 19.74                     | 20                     |
| 20              | 256QAM     | 50      | 24        | 19.61                    | 19.74                       | 19.60                     |                        |
| 20              | 256QAM     | 50      | 50        | 19.63                    | 19.75                       | 19.64                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.61                    | 19.81                       | 19.65                     |                        |
| Channel         |            |         |           | 133197                   | 133297                      | 133397                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | QPSK       | 1       | 0         | 24.61                    | 24.69                       | 24.56                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.54                    | 24.59                       | 24.51                     |                        |
| 15              | QPSK       | 1       | 74        | 24.44                    | 24.45                       | 24.38                     |                        |
| 15              | QPSK       | 36      | 0         | 23.72                    | 23.74                       | 23.63                     | 24                     |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.76                       | 23.67                     |                        |
| 15              | QPSK       | 36      | 39        | 23.54                    | 23.71                       | 23.57                     |                        |
| 15              | QPSK       | 75      | 0         | 23.68                    | 23.72                       | 23.60                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 23.46                    | 23.65                       | 23.75                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.45                    | 23.75                       | 23.88                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.39                    | 23.77                       | 23.66                     | 23                     |
| 15              | 16QAM      | 36      | 0         | 22.62                    | 22.73                       | 22.65                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.60                    | 22.71                       | 22.69                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.52                    | 22.66                       | 22.63                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 22.63                    | 22.71                       | 22.60                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.80                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.68                    | 22.77                       | 22.76                     | 22                     |
| 15              | 64QAM      | 1       | 74        | 22.70                    | 22.77                       | 22.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.68                    | 21.75                       | 21.62                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.63                    | 21.80                       | 21.67                     | 20                     |
| 15              | 64QAM      | 36      | 39        | 21.53                    | 21.69                       | 21.56                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.59                    | 21.71                       | 21.60                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.85                    | 19.78                       | 19.52                     | 20                     |
| 15              | 256QAM     | 1       | 37        | 19.58                    | 19.64                       | 19.52                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.62                       | 19.49                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.66                    | 19.63                       | 19.63                     | 20                     |
| 15              | 256QAM     | 36      | 20        | 19.49                    | 19.62                       | 19.47                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 19.46  | 19.57  | 19.52  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 19.49  | 19.61  | 19.47  |                     |
| Channel         |        |    |    | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 668    | 680.5  | 693    |                     |
| 10              | QPSK   | 1  | 0  | 24.59  | 24.71  | 24.59  | 25                  |
| 10              | QPSK   | 1  | 25 | 24.58  | 24.65  | 24.49  |                     |
| 10              | QPSK   | 1  | 49 | 24.44  | 24.51  | 24.41  |                     |
| 10              | QPSK   | 25 | 0  | 23.73  | 23.72  | 23.65  | 24                  |
| 10              | QPSK   | 25 | 12 | 23.69  | 23.69  | 23.73  |                     |
| 10              | QPSK   | 25 | 25 | 23.50  | 23.65  | 23.57  |                     |
| 10              | QPSK   | 50 | 0  | 23.69  | 23.76  | 23.65  |                     |
| 10              | 16QAM  | 1  | 0  | 23.50  | 23.68  | 23.85  |                     |
| 10              | 16QAM  | 1  | 25 | 23.40  | 23.66  | 23.81  | 24                  |
| 10              | 16QAM  | 1  | 49 | 23.30  | 23.75  | 23.73  |                     |
| 10              | 16QAM  | 25 | 0  | 22.65  | 22.69  | 22.64  | 23                  |
| 10              | 16QAM  | 25 | 12 | 22.70  | 22.77  | 22.62  |                     |
| 10              | 16QAM  | 25 | 25 | 22.55  | 22.65  | 22.61  |                     |
| 10              | 16QAM  | 50 | 0  | 22.66  | 22.63  | 22.62  |                     |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.72  | 22.81  |                     |
| 10              | 64QAM  | 1  | 25 | 22.65  | 22.76  | 22.72  | 23                  |
| 10              | 64QAM  | 1  | 49 | 22.74  | 22.80  | 22.67  |                     |
| 10              | 64QAM  | 25 | 0  | 21.69  | 21.80  | 21.59  | 22                  |
| 10              | 64QAM  | 25 | 12 | 21.60  | 21.73  | 21.58  |                     |
| 10              | 64QAM  | 25 | 25 | 21.55  | 21.63  | 21.58  |                     |
| 10              | 64QAM  | 50 | 0  | 21.65  | 21.62  | 21.58  |                     |
| 10              | 256QAM | 1  | 0  | 19.84  | 19.78  | 19.59  |                     |
| 10              | 256QAM | 1  | 25 | 19.59  | 19.69  | 19.52  | 20                  |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.65  | 19.47  |                     |
| 10              | 256QAM | 25 | 0  | 19.68  | 19.59  | 19.63  | 20                  |
| 10              | 256QAM | 25 | 12 | 19.41  | 19.57  | 19.50  |                     |
| 10              | 256QAM | 25 | 25 | 19.51  | 19.56  | 19.47  |                     |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.71  | 19.45  |                     |
| Channel         |        |    |    | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 665.5  | 680.5  | 695.5  |                     |
| 5               | QPSK   | 1  | 0  | 24.58  | 24.66  | 24.54  | 25                  |
| 5               | QPSK   | 1  | 12 | 24.50  | 24.63  | 24.48  |                     |
| 5               | QPSK   | 1  | 24 | 24.46  | 24.50  | 24.37  |                     |
| 5               | QPSK   | 12 | 0  | 23.71  | 23.69  | 23.67  | 24                  |
| 5               | QPSK   | 12 | 7  | 23.67  | 23.77  | 23.71  |                     |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.67  | 23.61  |                     |
| 5               | QPSK   | 25 | 0  | 23.68  | 23.80  | 23.62  |                     |
| 5               | 16QAM  | 1  | 0  | 23.51  | 23.65  | 23.82  |                     |
| 5               | 16QAM  | 1  | 12 | 23.44  | 23.76  | 23.90  | 24                  |
| 5               | 16QAM  | 1  | 24 | 23.30  | 23.78  | 23.63  |                     |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.75  | 22.57  |                     |
| 5               | 16QAM  | 12 | 7  | 22.63  | 22.71  | 22.66  | 23                  |
| 5               | 16QAM  | 12 | 13 | 22.47  | 22.73  | 22.66  |                     |
| 5               | 16QAM  | 25 | 0  | 22.68  | 22.66  | 22.62  |                     |
| 5               | 64QAM  | 1  | 0  | 22.65  | 22.72  | 22.78  |                     |
| 5               | 64QAM  | 1  | 12 | 22.68  | 22.78  | 22.71  | 23                  |
| 5               | 64QAM  | 1  | 24 | 22.68  | 22.73  | 22.76  |                     |
| 5               | 64QAM  | 12 | 0  | 21.63  | 21.73  | 21.61  |                     |
| 5               | 64QAM  | 12 | 7  | 21.67  | 21.76  | 21.59  | 22                  |
| 5               | 64QAM  | 12 | 13 | 21.50  | 21.61  | 21.63  |                     |
| 5               | 64QAM  | 25 | 0  | 21.66  | 21.64  | 21.59  |                     |
| 5               | 256QAM | 1  | 0  | 19.79  | 19.74  | 19.53  |                     |
| 5               | 256QAM | 1  | 12 | 19.67  | 19.66  | 19.50  |                     |
| 5               | 256QAM | 1  | 24 | 19.50  | 19.59  | 19.52  | 20                  |
| 5               | 256QAM | 12 | 0  | 19.62  | 19.60  | 19.63  |                     |
| 5               | 256QAM | 12 | 7  | 19.50  | 19.57  | 19.40  |                     |
| 5               | 256QAM | 12 | 13 | 19.44  | 19.60  | 19.54  |                     |
| 5               | 256QAM | 25 | 0  | 19.47  | 19.63  | 19.47  |                     |



&lt;LTE Band 71\_Ant 1\_DSI 3&gt; 待補上

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 133222                   | 133297                      | 133372                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | QPSK       | 1       | 0         | 24.78                    | 24.85                       | 24.72                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.69                    | 24.76                       | 24.63                     |                        |
| 20              | QPSK       | 1       | 99        | 24.56                    | 24.64                       | 24.54                     |                        |
| 20              | QPSK       | 50      | 0         | 23.87                    | 23.88                       | 23.80                     | 24                     |
| 20              | QPSK       | 50      | 24        | 23.83                    | 23.87                       | 23.84                     |                        |
| 20              | QPSK       | 50      | 50        | 23.67                    | 23.81                       | 23.76                     |                        |
| 20              | QPSK       | 100     | 0         | 23.82                    | 23.90                       | 23.76                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 23.64                    | 23.83                       | 23.95                     |                        |
| 20              | 16QAM      | 1       | 49        | 23.58                    | 23.86                       | 24.00                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.49                    | 23.95                       | 23.83                     | 23                     |
| 20              | 16QAM      | 50      | 0         | 22.82                    | 22.89                       | 22.77                     |                        |
| 20              | 16QAM      | 50      | 24        | 22.80                    | 22.87                       | 22.82                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.66                    | 22.85                       | 22.77                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 22.78                    | 22.83                       | 22.76                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.81                    | 22.90                       | 22.94                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.83                    | 22.91                       | 22.90                     | 22                     |
| 20              | 64QAM      | 1       | 99        | 22.86                    | 22.93                       | 22.87                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.79                    | 21.90                       | 21.73                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.79                    | 21.91                       | 21.77                     | 20                     |
| 20              | 64QAM      | 50      | 50        | 21.65                    | 21.79                       | 21.75                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.79                    | 21.82                       | 21.72                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.96                    | 19.89                       | 19.72                     | 20                     |
| 20              | 256QAM     | 1       | 49        | 19.77                    | 19.82                       | 19.62                     |                        |
| 20              | 256QAM     | 1       | 99        | 19.70                    | 19.75                       | 19.63                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.79                    | 19.79                       | 19.74                     | 20                     |
| 20              | 256QAM     | 50      | 24        | 19.61                    | 19.74                       | 19.60                     |                        |
| 20              | 256QAM     | 50      | 50        | 19.63                    | 19.75                       | 19.64                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.61                    | 19.81                       | 19.65                     |                        |
| Channel         |            |         |           | 133197                   | 133297                      | 133397                    |                        |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | QPSK       | 1       | 0         | 24.61                    | 24.69                       | 24.56                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.54                    | 24.59                       | 24.51                     |                        |
| 15              | QPSK       | 1       | 74        | 24.44                    | 24.45                       | 24.38                     |                        |
| 15              | QPSK       | 36      | 0         | 23.72                    | 23.74                       | 23.63                     | 24                     |
| 15              | QPSK       | 36      | 20        | 23.65                    | 23.76                       | 23.67                     |                        |
| 15              | QPSK       | 36      | 39        | 23.54                    | 23.71                       | 23.57                     |                        |
| 15              | QPSK       | 75      | 0         | 23.68                    | 23.72                       | 23.60                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 23.46                    | 23.65                       | 23.75                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.45                    | 23.75                       | 23.88                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.39                    | 23.77                       | 23.66                     | 23                     |
| 15              | 16QAM      | 36      | 0         | 22.62                    | 22.73                       | 22.65                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.60                    | 22.71                       | 22.69                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.52                    | 22.66                       | 22.63                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 22.63                    | 22.71                       | 22.60                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.62                    | 22.71                       | 22.80                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.68                    | 22.77                       | 22.76                     | 22                     |
| 15              | 64QAM      | 1       | 74        | 22.70                    | 22.77                       | 22.76                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.68                    | 21.75                       | 21.62                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.63                    | 21.80                       | 21.67                     | 20                     |
| 15              | 64QAM      | 36      | 39        | 21.53                    | 21.69                       | 21.56                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.59                    | 21.71                       | 21.60                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.85                    | 19.78                       | 19.52                     | 20                     |
| 15              | 256QAM     | 1       | 37        | 19.58                    | 19.64                       | 19.52                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.62                       | 19.49                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.66                    | 19.63                       | 19.63                     | 20                     |
| 15              | 256QAM     | 36      | 20        | 19.49                    | 19.62                       | 19.47                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |        |        |                     |
|-----------------|--------|----|----|--------|--------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 19.46  | 19.57  | 19.52  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 19.49  | 19.61  | 19.47  |                     |
| Channel         |        |    |    | 133172 | 133297 | 133422 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 668    | 680.5  | 693    |                     |
| 10              | QPSK   | 1  | 0  | 24.59  | 24.71  | 24.59  | 25                  |
| 10              | QPSK   | 1  | 25 | 24.58  | 24.65  | 24.49  |                     |
| 10              | QPSK   | 1  | 49 | 24.44  | 24.51  | 24.41  |                     |
| 10              | QPSK   | 25 | 0  | 23.73  | 23.72  | 23.65  | 24                  |
| 10              | QPSK   | 25 | 12 | 23.69  | 23.69  | 23.73  |                     |
| 10              | QPSK   | 25 | 25 | 23.50  | 23.65  | 23.57  |                     |
| 10              | QPSK   | 50 | 0  | 23.69  | 23.76  | 23.65  |                     |
| 10              | 16QAM  | 1  | 0  | 23.50  | 23.68  | 23.85  |                     |
| 10              | 16QAM  | 1  | 25 | 23.40  | 23.66  | 23.81  | 24                  |
| 10              | 16QAM  | 1  | 49 | 23.30  | 23.75  | 23.73  |                     |
| 10              | 16QAM  | 25 | 0  | 22.65  | 22.69  | 22.64  | 23                  |
| 10              | 16QAM  | 25 | 12 | 22.70  | 22.77  | 22.62  |                     |
| 10              | 16QAM  | 25 | 25 | 22.55  | 22.65  | 22.61  |                     |
| 10              | 16QAM  | 50 | 0  | 22.66  | 22.63  | 22.62  |                     |
| 10              | 64QAM  | 1  | 0  | 22.67  | 22.72  | 22.81  |                     |
| 10              | 64QAM  | 1  | 25 | 22.65  | 22.76  | 22.72  | 23                  |
| 10              | 64QAM  | 1  | 49 | 22.74  | 22.80  | 22.67  |                     |
| 10              | 64QAM  | 25 | 0  | 21.69  | 21.80  | 21.59  | 22                  |
| 10              | 64QAM  | 25 | 12 | 21.60  | 21.73  | 21.58  |                     |
| 10              | 64QAM  | 25 | 25 | 21.55  | 21.63  | 21.58  |                     |
| 10              | 64QAM  | 50 | 0  | 21.65  | 21.62  | 21.58  |                     |
| 10              | 256QAM | 1  | 0  | 19.84  | 19.78  | 19.59  |                     |
| 10              | 256QAM | 1  | 25 | 19.59  | 19.69  | 19.52  | 20                  |
| 10              | 256QAM | 1  | 49 | 19.56  | 19.65  | 19.47  |                     |
| 10              | 256QAM | 25 | 0  | 19.68  | 19.59  | 19.63  | 20                  |
| 10              | 256QAM | 25 | 12 | 19.41  | 19.57  | 19.50  |                     |
| 10              | 256QAM | 25 | 25 | 19.51  | 19.56  | 19.47  |                     |
| 10              | 256QAM | 50 | 0  | 19.47  | 19.71  | 19.45  |                     |
| Channel         |        |    |    | 133147 | 133297 | 133447 | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 665.5  | 680.5  | 695.5  |                     |
| 5               | QPSK   | 1  | 0  | 24.58  | 24.66  | 24.54  | 25                  |
| 5               | QPSK   | 1  | 12 | 24.50  | 24.63  | 24.48  |                     |
| 5               | QPSK   | 1  | 24 | 24.46  | 24.50  | 24.37  |                     |
| 5               | QPSK   | 12 | 0  | 23.71  | 23.69  | 23.67  | 24                  |
| 5               | QPSK   | 12 | 7  | 23.67  | 23.77  | 23.71  |                     |
| 5               | QPSK   | 12 | 13 | 23.52  | 23.67  | 23.61  |                     |
| 5               | QPSK   | 25 | 0  | 23.68  | 23.80  | 23.62  |                     |
| 5               | 16QAM  | 1  | 0  | 23.51  | 23.65  | 23.82  |                     |
| 5               | 16QAM  | 1  | 12 | 23.44  | 23.76  | 23.90  | 24                  |
| 5               | 16QAM  | 1  | 24 | 23.30  | 23.78  | 23.63  |                     |
| 5               | 16QAM  | 12 | 0  | 22.70  | 22.75  | 22.57  |                     |
| 5               | 16QAM  | 12 | 7  | 22.63  | 22.71  | 22.66  | 23                  |
| 5               | 16QAM  | 12 | 13 | 22.47  | 22.73  | 22.66  |                     |
| 5               | 16QAM  | 25 | 0  | 22.68  | 22.66  | 22.62  |                     |
| 5               | 64QAM  | 1  | 0  | 22.65  | 22.72  | 22.78  |                     |
| 5               | 64QAM  | 1  | 12 | 22.68  | 22.78  | 22.71  | 23                  |
| 5               | 64QAM  | 1  | 24 | 22.68  | 22.73  | 22.76  |                     |
| 5               | 64QAM  | 12 | 0  | 21.63  | 21.73  | 21.61  |                     |
| 5               | 64QAM  | 12 | 7  | 21.67  | 21.76  | 21.59  | 22                  |
| 5               | 64QAM  | 12 | 13 | 21.50  | 21.61  | 21.63  |                     |
| 5               | 64QAM  | 25 | 0  | 21.66  | 21.64  | 21.59  |                     |
| 5               | 256QAM | 1  | 0  | 19.79  | 19.74  | 19.53  |                     |
| 5               | 256QAM | 1  | 12 | 19.67  | 19.66  | 19.50  |                     |
| 5               | 256QAM | 1  | 24 | 19.50  | 19.59  | 19.52  | 20                  |
| 5               | 256QAM | 12 | 0  | 19.62  | 19.60  | 19.63  |                     |
| 5               | 256QAM | 12 | 7  | 19.50  | 19.57  | 19.40  |                     |
| 5               | 256QAM | 12 | 13 | 19.44  | 19.60  | 19.54  |                     |
| 5               | 256QAM | 25 | 0  | 19.47  | 19.63  | 19.47  |                     |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<LTE Band 38\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 37850                    | 38000                       | 38150                     |                        |
| Frequency (MHz) |            |         |           | 2580                     | 2595                        | 2610                      |                        |
| 20              | QPSK       | 1       | 0         | 24.57                    | 24.47                       | 24.64                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.54                    | 24.37                       | 24.47                     |                        |
| 20              | QPSK       | 1       | 99        | 24.45                    | 24.20                       | 24.25                     |                        |
| 20              | QPSK       | 50      | 0         | 22.84                    | 22.79                       | 22.85                     | 24                     |
| 20              | QPSK       | 50      | 24        | 22.63                    | 22.54                       | 22.69                     |                        |
| 20              | QPSK       | 50      | 50        | 22.71                    | 22.57                       | 22.75                     |                        |
| 20              | QPSK       | 100     | 0         | 22.87                    | 22.80                       | 22.85                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 22.63                    | 23.31                       | 23.19                     |                        |
| 20              | 16QAM      | 1       | 49        | 22.62                    | 23.31                       | 23.47                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.49                    | 23.37                       | 23.60                     | 22                     |
| 20              | 16QAM      | 50      | 0         | 21.83                    | 21.79                       | 21.85                     |                        |
| 20              | 16QAM      | 50      | 24        | 21.59                    | 21.50                       | 21.61                     |                        |
| 20              | 16QAM      | 50      | 50        | 21.68                    | 21.57                       | 21.78                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 21.82                    | 21.83                       | 21.84                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.50                    | 22.18                       | 22.19                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.46                    | 22.25                       | 22.46                     | 22                     |
| 20              | 64QAM      | 1       | 99        | 22.43                    | 22.44                       | 22.52                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.65                    | 21.41                       | 21.40                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.66                    | 21.41                       | 21.61                     | 20                     |
| 20              | 64QAM      | 50      | 50        | 21.61                    | 21.50                       | 21.55                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.53                    | 21.46                       | 21.54                     |                        |
| 20              | 256QAM     | 1       | 0         | 18.74                    | 18.56                       | 18.62                     | 20                     |
| 20              | 256QAM     | 1       | 49        | 18.65                    | 18.67                       | 18.91                     |                        |
| 20              | 256QAM     | 1       | 99        | 18.56                    | 18.72                       | 19.00                     |                        |
| 20              | 256QAM     | 50      | 0         | 18.81                    | 18.65                       | 18.78                     | 20                     |
| 20              | 256QAM     | 50      | 24        | 18.76                    | 18.61                       | 18.88                     |                        |
| 20              | 256QAM     | 50      | 50        | 18.63                    | 18.60                       | 19.02                     |                        |
| 20              | 256QAM     | 100     | 0         | 18.74                    | 18.58                       | 18.94                     |                        |
| Channel         |            |         |           | 37825                    | 38000                       | 38175                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2577.5                   | 2595                        | 2612.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.42                    | 24.28                       | 24.45                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.39                    | 24.21                       | 24.30                     |                        |
| 15              | QPSK       | 1       | 74        | 24.28                    | 24.08                       | 24.12                     |                        |
| 15              | QPSK       | 36      | 0         | 22.67                    | 22.66                       | 22.69                     | 24                     |
| 15              | QPSK       | 36      | 20        | 22.51                    | 22.37                       | 22.49                     |                        |
| 15              | QPSK       | 36      | 39        | 22.55                    | 22.46                       | 22.62                     |                        |
| 15              | QPSK       | 75      | 0         | 22.77                    | 22.65                       | 22.75                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 22.48                    | 23.17                       | 23.07                     |                        |
| 15              | 16QAM      | 1       | 37        | 22.48                    | 23.18                       | 23.32                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.34                    | 23.18                       | 23.50                     | 22                     |
| 15              | 16QAM      | 36      | 0         | 21.70                    | 21.60                       | 21.65                     |                        |
| 15              | 16QAM      | 36      | 20        | 21.40                    | 21.39                       | 21.47                     |                        |
| 15              | 16QAM      | 36      | 39        | 21.51                    | 21.43                       | 21.59                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 21.72                    | 21.73                       | 21.70                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.39                    | 22.00                       | 22.08                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.26                    | 22.10                       | 22.32                     | 22                     |
| 15              | 64QAM      | 1       | 74        | 22.30                    | 22.30                       | 22.32                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.45                    | 21.27                       | 21.20                     |                        |
| 15              | 64QAM      | 36      | 20        | 21.55                    | 21.27                       | 21.43                     | 20                     |
| 15              | 64QAM      | 36      | 39        | 21.42                    | 21.36                       | 21.39                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.36                    | 21.26                       | 21.37                     |                        |
| 15              | 256QAM     | 1       | 0         | 18.58                    | 18.43                       | 18.44                     | 20                     |
| 15              | 256QAM     | 1       | 37        | 18.47                    | 18.56                       | 18.77                     |                        |
| 15              | 256QAM     | 1       | 74        | 18.41                    | 18.55                       | 18.80                     |                        |
| 15              | 256QAM     | 36      | 0         | 18.70                    | 18.54                       | 18.59                     | 20                     |
| 15              | 256QAM     | 36      | 20        | 18.64                    | 18.47                       | 18.76                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 18.43  | 18.45 | 18.92  |                     |
| 15              | 256QAM | 75 | 0  | 18.62  | 18.44 | 18.75  |                     |
| Channel         |        |    |    | 37800  | 38000 | 38200  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2575   | 2595  | 2615   |                     |
| 10              | QPSK   | 1  | 0  | 24.43  | 24.33 | 24.52  | 25                  |
| 10              | QPSK   | 1  | 25 | 24.35  | 24.19 | 24.33  |                     |
| 10              | QPSK   | 1  | 49 | 24.28  | 24.06 | 24.15  |                     |
| 10              | QPSK   | 25 | 0  | 22.70  | 22.59 | 22.67  | 24                  |
| 10              | QPSK   | 25 | 12 | 22.52  | 22.42 | 22.52  |                     |
| 10              | QPSK   | 25 | 25 | 22.61  | 22.40 | 22.61  |                     |
| 10              | QPSK   | 50 | 0  | 22.70  | 22.61 | 22.67  |                     |
| 10              | 16QAM  | 1  | 0  | 22.44  | 23.15 | 23.08  | 24                  |
| 10              | 16QAM  | 1  | 25 | 22.44  | 23.18 | 23.28  |                     |
| 10              | 16QAM  | 1  | 49 | 23.34  | 23.22 | 23.47  | 22                  |
| 10              | 16QAM  | 25 | 0  | 21.69  | 21.61 | 21.69  |                     |
| 10              | 16QAM  | 25 | 12 | 21.47  | 21.36 | 21.48  |                     |
| 10              | 16QAM  | 25 | 25 | 21.48  | 21.45 | 21.59  |                     |
| 10              | 16QAM  | 50 | 0  | 21.68  | 21.66 | 21.66  | 23                  |
| 10              | 64QAM  | 1  | 0  | 22.38  | 22.06 | 22.07  |                     |
| 10              | 64QAM  | 1  | 25 | 22.26  | 22.07 | 22.32  |                     |
| 10              | 64QAM  | 1  | 49 | 22.24  | 22.33 | 22.38  | 22                  |
| 10              | 64QAM  | 25 | 0  | 21.47  | 21.27 | 21.22  |                     |
| 10              | 64QAM  | 25 | 12 | 21.52  | 21.30 | 21.47  |                     |
| 10              | 64QAM  | 25 | 25 | 21.45  | 21.36 | 21.45  |                     |
| 10              | 64QAM  | 50 | 0  | 21.40  | 21.28 | 21.37  | 20                  |
| 10              | 256QAM | 1  | 0  | 18.62  | 18.38 | 18.42  |                     |
| 10              | 256QAM | 1  | 25 | 18.49  | 18.57 | 18.75  |                     |
| 10              | 256QAM | 1  | 49 | 18.43  | 18.53 | 18.84  |                     |
| 10              | 256QAM | 25 | 0  | 18.66  | 18.55 | 18.61  | 20                  |
| 10              | 256QAM | 25 | 12 | 18.61  | 18.49 | 18.73  |                     |
| 10              | 256QAM | 25 | 25 | 18.51  | 18.48 | 18.87  |                     |
| 10              | 256QAM | 50 | 0  | 18.55  | 18.43 | 18.82  |                     |
| Channel         |        |    |    | 37775  | 38000 | 38225  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2572.5 | 2595  | 2617.5 |                     |
| 5               | QPSK   | 1  | 0  | 24.44  | 24.31 | 24.50  | 25                  |
| 5               | QPSK   | 1  | 12 | 24.44  | 24.18 | 24.35  |                     |
| 5               | QPSK   | 1  | 24 | 24.31  | 24.09 | 24.14  |                     |
| 5               | QPSK   | 12 | 0  | 22.74  | 22.66 | 22.68  | 24                  |
| 5               | QPSK   | 12 | 7  | 22.44  | 22.37 | 22.53  |                     |
| 5               | QPSK   | 12 | 13 | 22.61  | 22.42 | 22.59  |                     |
| 5               | QPSK   | 25 | 0  | 22.72  | 22.60 | 22.71  |                     |
| 5               | 16QAM  | 1  | 0  | 22.46  | 23.13 | 23.08  | 24                  |
| 5               | 16QAM  | 1  | 12 | 22.42  | 23.14 | 23.31  |                     |
| 5               | 16QAM  | 1  | 24 | 23.39  | 23.18 | 23.42  |                     |
| 5               | 16QAM  | 12 | 0  | 21.70  | 21.68 | 21.67  |                     |
| 5               | 16QAM  | 12 | 7  | 21.44  | 21.32 | 21.47  | 22                  |
| 5               | 16QAM  | 12 | 13 | 21.56  | 21.44 | 21.68  |                     |
| 5               | 16QAM  | 25 | 0  | 21.66  | 21.69 | 21.70  |                     |
| 5               | 64QAM  | 1  | 0  | 22.33  | 22.06 | 22.07  |                     |
| 5               | 64QAM  | 1  | 12 | 22.26  | 22.15 | 22.32  | 23                  |
| 5               | 64QAM  | 1  | 24 | 22.30  | 22.33 | 22.38  |                     |
| 5               | 64QAM  | 12 | 0  | 21.46  | 21.24 | 21.20  |                     |
| 5               | 64QAM  | 12 | 7  | 21.56  | 21.28 | 21.46  | 22                  |
| 5               | 64QAM  | 12 | 13 | 21.44  | 21.30 | 21.42  |                     |
| 5               | 64QAM  | 25 | 0  | 21.40  | 21.34 | 21.37  |                     |
| 5               | 256QAM | 1  | 0  | 18.57  | 18.41 | 18.50  |                     |
| 5               | 256QAM | 1  | 12 | 18.55  | 18.51 | 18.78  | 20                  |
| 5               | 256QAM | 1  | 24 | 18.41  | 18.56 | 18.86  |                     |
| 5               | 256QAM | 12 | 0  | 18.71  | 18.46 | 18.63  |                     |
| 5               | 256QAM | 12 | 7  | 18.60  | 18.47 | 18.71  | 20                  |
| 5               | 256QAM | 12 | 13 | 18.49  | 18.43 | 18.83  |                     |
| 5               | 256QAM | 25 | 0  | 18.59  | 18.48 | 18.82  |                     |



&lt;LTE Band 38\_Ant 5\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 37850                    | 38000                       | 38150                     |                        |
| Frequency (MHz) |            |         |           | 2580                     | 2595                        | 2610                      |                        |
| 20              | QPSK       | 1       | 0         | 22.52                    | 22.44                       | 23.02                     | 23.5                   |
| 20              | QPSK       | 1       | 49        | 22.50                    | 22.45                       | 22.89                     |                        |
| 20              | QPSK       | 1       | 99        | 22.45                    | 22.56                       | 23.00                     |                        |
| 20              | QPSK       | 50      | 0         | 20.65                    | 20.54                       | 21.11                     | 22.5                   |
| 20              | QPSK       | 50      | 24        | 20.60                    | 20.58                       | 20.98                     |                        |
| 20              | QPSK       | 50      | 50        | 20.56                    | 20.67                       | 21.10                     |                        |
| 20              | QPSK       | 100     | 0         | 20.55                    | 20.57                       | 20.91                     | 22.5                   |
| 20              | 16QAM      | 1       | 0         | 21.48                    | 21.44                       | 21.66                     |                        |
| 20              | 16QAM      | 1       | 49        | 21.53                    | 21.48                       | 21.86                     |                        |
| 20              | 16QAM      | 1       | 99        | 21.43                    | 21.62                       | 22.06                     | 20.5                   |
| 20              | 16QAM      | 50      | 0         | 19.65                    | 19.55                       | 19.83                     |                        |
| 20              | 16QAM      | 50      | 24        | 19.57                    | 19.60                       | 19.95                     |                        |
| 20              | 16QAM      | 50      | 50        | 19.55                    | 19.65                       | 20.12                     | 21.5                   |
| 20              | 16QAM      | 100     | 0         | 19.53                    | 19.62                       | 19.97                     |                        |
| 20              | 64QAM      | 1       | 0         | 20.62                    | 20.40                       | 20.64                     |                        |
| 20              | 64QAM      | 1       | 49        | 20.52                    | 20.51                       | 20.82                     | 20.5                   |
| 20              | 64QAM      | 1       | 99        | 20.51                    | 20.60                       | 20.98                     |                        |
| 20              | 64QAM      | 50      | 0         | 19.62                    | 19.55                       | 19.85                     |                        |
| 20              | 64QAM      | 50      | 24        | 19.57                    | 19.60                       | 19.94                     | 18.5                   |
| 20              | 64QAM      | 50      | 50        | 19.62                    | 19.69                       | 20.04                     |                        |
| 20              | 64QAM      | 100     | 0         | 19.60                    | 19.56                       | 19.91                     |                        |
| 20              | 256QAM     | 1       | 0         | 17.29                    | 17.34                       | 17.73                     | 18.5                   |
| 20              | 256QAM     | 1       | 49        | 17.40                    | 17.43                       | 17.78                     |                        |
| 20              | 256QAM     | 1       | 99        | 17.35                    | 17.27                       | 17.64                     |                        |
| 20              | 256QAM     | 50      | 0         | 17.31                    | 17.37                       | 17.66                     | 18.5                   |
| 20              | 256QAM     | 50      | 24        | 17.38                    | 17.40                       | 17.80                     |                        |
| 20              | 256QAM     | 50      | 50        | 17.36                    | 17.34                       | 17.67                     |                        |
| 20              | 256QAM     | 100     | 0         | 17.32                    | 17.30                       | 17.52                     |                        |
| Channel         |            |         |           | 37825                    | 38000                       | 38175                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2577.5                   | 2595                        | 2612.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.36                    | 22.32                       | 22.87                     | 23.5                   |
| 15              | QPSK       | 1       | 37        | 22.36                    | 22.26                       | 22.76                     |                        |
| 15              | QPSK       | 1       | 74        | 22.30                    | 22.45                       | 22.86                     |                        |
| 15              | QPSK       | 36      | 0         | 20.63                    | 20.51                       | 21.09                     | 22.5                   |
| 15              | QPSK       | 36      | 20        | 20.58                    | 20.56                       | 20.95                     |                        |
| 15              | QPSK       | 36      | 39        | 20.55                    | 20.64                       | 21.07                     |                        |
| 15              | QPSK       | 75      | 0         | 20.54                    | 20.54                       | 20.88                     | 22.5                   |
| 15              | 16QAM      | 1       | 0         | 21.34                    | 21.30                       | 21.46                     |                        |
| 15              | 16QAM      | 1       | 37        | 21.35                    | 21.38                       | 21.70                     |                        |
| 15              | 16QAM      | 1       | 74        | 21.24                    | 21.52                       | 21.86                     | 20.5                   |
| 15              | 16QAM      | 36      | 0         | 19.47                    | 19.40                       | 19.70                     |                        |
| 15              | 16QAM      | 36      | 20        | 19.37                    | 19.44                       | 19.80                     |                        |
| 15              | 16QAM      | 36      | 39        | 19.40                    | 19.54                       | 19.99                     | 21.5                   |
| 15              | 16QAM      | 75      | 0         | 19.39                    | 19.51                       | 19.77                     |                        |
| 15              | 64QAM      | 1       | 0         | 20.47                    | 20.20                       | 20.53                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.39                    | 20.39                       | 20.68                     | 20.5                   |
| 15              | 64QAM      | 1       | 74        | 20.34                    | 20.47                       | 20.78                     |                        |
| 15              | 64QAM      | 36      | 0         | 19.44                    | 19.45                       | 19.66                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.41                    | 19.46                       | 19.84                     | 18.5                   |
| 15              | 64QAM      | 36      | 39        | 19.47                    | 19.49                       | 19.90                     |                        |
| 15              | 64QAM      | 75      | 0         | 19.46                    | 19.46                       | 19.76                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.14                    | 17.14                       | 17.53                     | 18.5                   |
| 15              | 256QAM     | 1       | 37        | 17.25                    | 17.23                       | 17.58                     |                        |
| 15              | 256QAM     | 1       | 74        | 17.25                    | 17.07                       | 17.47                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.12                    | 17.18                       | 17.55                     | 18.5                   |
| 15              | 256QAM     | 36      | 20        | 17.23                    | 17.28                       | 17.70                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |       |        |                     |
|-----------------|--------|----|----|--------|-------|--------|---------------------|
| 15              | 256QAM | 36 | 39 | 17.26  | 17.20 | 17.48  | Tune-up limit (dBm) |
| 15              | 256QAM | 75 | 0  | 17.18  | 17.17 | 17.38  |                     |
| Channel         |        |    |    | 37800  | 38000 | 38200  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2575   | 2595  | 2615   |                     |
| 10              | QPSK   | 1  | 0  | 22.41  | 22.31 | 22.92  | 23.5                |
| 10              | QPSK   | 1  | 25 | 22.34  | 22.33 | 22.69  |                     |
| 10              | QPSK   | 1  | 49 | 22.34  | 22.36 | 22.84  |                     |
| 10              | QPSK   | 25 | 0  | 20.62  | 20.52 | 21.08  | 22.5                |
| 10              | QPSK   | 25 | 12 | 20.58  | 20.56 | 20.97  |                     |
| 10              | QPSK   | 25 | 25 | 20.53  | 20.66 | 21.09  |                     |
| 10              | QPSK   | 50 | 0  | 20.52  | 20.55 | 20.90  |                     |
| 10              | 16QAM  | 1  | 0  | 21.36  | 21.30 | 21.49  | 22.5                |
| 10              | 16QAM  | 1  | 25 | 21.40  | 21.32 | 21.73  |                     |
| 10              | 16QAM  | 1  | 49 | 21.31  | 21.44 | 21.93  |                     |
| 10              | 16QAM  | 25 | 0  | 19.52  | 19.35 | 19.71  | 20.5                |
| 10              | 16QAM  | 25 | 12 | 19.39  | 19.44 | 19.81  |                     |
| 10              | 16QAM  | 25 | 25 | 19.37  | 19.55 | 19.95  |                     |
| 10              | 16QAM  | 50 | 0  | 19.36  | 19.45 | 19.77  |                     |
| 10              | 64QAM  | 1  | 0  | 20.43  | 20.30 | 20.47  | 21.5                |
| 10              | 64QAM  | 1  | 25 | 20.35  | 20.39 | 20.67  |                     |
| 10              | 64QAM  | 1  | 49 | 20.37  | 20.48 | 20.83  |                     |
| 10              | 64QAM  | 25 | 0  | 19.47  | 19.38 | 19.74  | 20.5                |
| 10              | 64QAM  | 25 | 12 | 19.37  | 19.41 | 19.84  |                     |
| 10              | 64QAM  | 25 | 25 | 19.47  | 19.49 | 19.87  |                     |
| 10              | 64QAM  | 50 | 0  | 19.40  | 19.44 | 19.74  |                     |
| 10              | 256QAM | 1  | 0  | 17.14  | 17.22 | 17.55  | 18.5                |
| 10              | 256QAM | 1  | 25 | 17.23  | 17.27 | 17.63  |                     |
| 10              | 256QAM | 1  | 49 | 17.19  | 17.16 | 17.49  |                     |
| 10              | 256QAM | 25 | 0  | 17.17  | 17.20 | 17.47  | 18.5                |
| 10              | 256QAM | 25 | 12 | 17.21  | 17.27 | 17.66  |                     |
| 10              | 256QAM | 25 | 25 | 17.26  | 17.24 | 17.48  |                     |
| 10              | 256QAM | 50 | 0  | 17.13  | 17.12 | 17.35  |                     |
| Channel         |        |    |    | 37775  | 38000 | 38225  | Tune-up limit (dBm) |
| Frequency (MHz) |        |    |    | 2572.5 | 2595  | 2617.5 |                     |
| 5               | QPSK   | 1  | 0  | 22.40  | 22.27 | 22.86  | 23.5                |
| 5               | QPSK   | 1  | 12 | 22.33  | 22.26 | 22.76  |                     |
| 5               | QPSK   | 1  | 24 | 22.28  | 22.46 | 22.88  |                     |
| 5               | QPSK   | 12 | 0  | 20.62  | 20.53 | 21.08  | 22.5                |
| 5               | QPSK   | 12 | 7  | 20.58  | 20.56 | 20.96  |                     |
| 5               | QPSK   | 12 | 13 | 20.54  | 20.66 | 21.09  |                     |
| 5               | QPSK   | 25 | 0  | 20.54  | 20.54 | 20.88  |                     |
| 5               | 16QAM  | 1  | 0  | 21.29  | 21.31 | 21.55  | 22.5                |
| 5               | 16QAM  | 1  | 12 | 21.40  | 21.33 | 21.73  |                     |
| 5               | 16QAM  | 1  | 24 | 21.27  | 21.48 | 21.86  |                     |
| 5               | 16QAM  | 12 | 0  | 19.46  | 19.35 | 19.73  | 20.5                |
| 5               | 16QAM  | 12 | 7  | 19.43  | 19.50 | 19.83  |                     |
| 5               | 16QAM  | 12 | 13 | 19.45  | 19.50 | 19.99  |                     |
| 5               | 16QAM  | 25 | 0  | 19.35  | 19.45 | 19.84  |                     |
| 5               | 64QAM  | 1  | 0  | 20.44  | 20.29 | 20.49  | 21.5                |
| 5               | 64QAM  | 1  | 12 | 20.38  | 20.41 | 20.64  |                     |
| 5               | 64QAM  | 1  | 24 | 20.34  | 20.45 | 20.83  |                     |
| 5               | 64QAM  | 12 | 0  | 19.44  | 19.45 | 19.67  | 20.5                |
| 5               | 64QAM  | 12 | 7  | 19.39  | 19.40 | 19.83  |                     |
| 5               | 64QAM  | 12 | 13 | 19.43  | 19.57 | 19.87  |                     |
| 5               | 64QAM  | 25 | 0  | 19.40  | 19.46 | 19.78  |                     |
| 5               | 256QAM | 1  | 0  | 17.10  | 17.18 | 17.63  | 18.5                |
| 5               | 256QAM | 1  | 12 | 17.22  | 17.25 | 17.58  |                     |
| 5               | 256QAM | 1  | 24 | 17.21  | 17.10 | 17.50  |                     |
| 5               | 256QAM | 12 | 0  | 17.20  | 17.18 | 17.55  | 18.5                |
| 5               | 256QAM | 12 | 7  | 17.22  | 17.24 | 17.60  |                     |
| 5               | 256QAM | 12 | 13 | 17.19  | 17.22 | 17.56  |                     |
| 5               | 256QAM | 25 | 0  | 17.15  | 17.15 | 17.33  |                     |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<LTE Band 41\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|
| Channel         |            |         |           | 39750                 | 40185                        | 40620                    | 41055                         | 41490                  |                     |
| Frequency (MHz) |            |         |           | 2506                  | 2549.5                       | 2593                     | 2636.5                        | 2680                   |                     |
| 20              | QPSK       | 1       | 0         | 24.41                 | 24.43                        | 24.76                    | 24.68                         | 24.54                  | 25                  |
| 20              | QPSK       | 1       | 49        | 24.38                 | 24.45                        | 24.64                    | 24.66                         | 24.54                  |                     |
| 20              | QPSK       | 1       | 99        | 24.27                 | 24.56                        | 24.63                    | 24.57                         | 24.61                  |                     |
| 20              | QPSK       | 50      | 0         | 23.50                 | 23.35                        | 23.77                    | 23.70                         | 23.54                  | 24                  |
| 20              | QPSK       | 50      | 24        | 23.49                 | 23.45                        | 23.69                    | 23.75                         | 23.57                  |                     |
| 20              | QPSK       | 50      | 50        | 23.53                 | 23.49                        | 23.70                    | 23.74                         | 23.62                  |                     |
| 20              | QPSK       | 100     | 0         | 23.49                 | 23.44                        | 23.69                    | 23.76                         | 23.53                  | 24                  |
| 20              | 16QAM      | 1       | 0         | 23.24                 | 23.31                        | 23.72                    | 23.52                         | 23.39                  |                     |
| 20              | 16QAM      | 1       | 49        | 23.32                 | 23.31                        | 23.67                    | 23.57                         | 23.40                  |                     |
| 20              | 16QAM      | 1       | 99        | 23.41                 | 23.39                        | 23.67                    | 23.67                         | 23.50                  | 23                  |
| 20              | 16QAM      | 50      | 0         | 22.45                 | 22.44                        | 22.72                    | 22.76                         | 22.52                  |                     |
| 20              | 16QAM      | 50      | 24        | 22.42                 | 22.49                        | 22.62                    | 22.70                         | 22.54                  |                     |
| 20              | 16QAM      | 50      | 50        | 22.43                 | 22.40                        | 22.69                    | 22.78                         | 22.53                  | 23                  |
| 20              | 16QAM      | 100     | 0         | 22.44                 | 22.43                        | 22.70                    | 22.76                         | 22.48                  |                     |
| 20              | 64QAM      | 1       | 0         | 22.24                 | 22.24                        | 22.65                    | 22.47                         | 22.26                  |                     |
| 20              | 64QAM      | 1       | 49        | 22.37                 | 22.29                        | 22.73                    | 22.64                         | 22.38                  | 23                  |
| 20              | 64QAM      | 1       | 99        | 22.39                 | 22.28                        | 22.74                    | 22.64                         | 22.44                  |                     |
| 20              | 64QAM      | 50      | 0         | 21.51                 | 21.35                        | 21.59                    | 21.68                         | 21.47                  |                     |
| 20              | 64QAM      | 50      | 24        | 21.49                 | 21.43                        | 21.64                    | 21.75                         | 21.58                  | 22                  |
| 20              | 64QAM      | 50      | 50        | 21.47                 | 21.48                        | 21.56                    | 21.69                         | 21.52                  |                     |
| 20              | 64QAM      | 100     | 0         | 21.50                 | 21.40                        | 21.78                    | 21.75                         | 21.59                  |                     |
| 20              | 256QAM     | 1       | 0         | 18.43                 | 18.33                        | 19.07                    | 19.57                         | 18.95                  | 20                  |
| 20              | 256QAM     | 1       | 49        | 18.51                 | 18.48                        | 19.03                    | 19.55                         | 18.68                  |                     |
| 20              | 256QAM     | 1       | 99        | 18.49                 | 18.63                        | 19.23                    | 19.34                         | 18.39                  |                     |
| 20              | 256QAM     | 50      | 0         | 18.52                 | 18.54                        | 19.12                    | 19.56                         | 18.81                  | 20                  |
| 20              | 256QAM     | 50      | 24        | 18.51                 | 18.58                        | 19.11                    | 19.49                         | 18.69                  |                     |
| 20              | 256QAM     | 50      | 50        | 18.46                 | 18.56                        | 19.19                    | 19.42                         | 18.48                  |                     |
| 20              | 256QAM     | 100     | 0         | 18.45                 | 18.57                        | 19.13                    | 19.44                         | 18.65                  | Tune-up limit (dBm) |
| Channel         |            |         |           | 39725                 | 40173                        | 40620                    | 41068                         | 41515                  |                     |
| Frequency (MHz) |            |         |           | 2503.5                | 2548.3                       | 2593                     | 2637.8                        | 2682.5                 |                     |
| 15              | QPSK       | 1       | 0         | 24.31                 | 24.26                        | 24.64                    | 24.54                         | 24.42                  | 25.00               |
| 15              | QPSK       | 1       | 37        | 24.23                 | 24.30                        | 24.45                    | 24.52                         | 24.35                  |                     |
| 15              | QPSK       | 1       | 74        | 24.06                 | 24.37                        | 24.53                    | 24.43                         | 24.44                  |                     |
| 15              | QPSK       | 36      | 0         | 23.30                 | 23.15                        | 23.56                    | 23.53                         | 23.36                  | 24                  |
| 15              | QPSK       | 36      | 20        | 23.39                 | 23.31                        | 23.48                    | 23.62                         | 23.36                  |                     |
| 15              | QPSK       | 36      | 39        | 23.34                 | 23.33                        | 23.51                    | 23.55                         | 23.48                  |                     |
| 15              | QPSK       | 75      | 0         | 23.32                 | 23.25                        | 23.57                    | 23.66                         | 23.38                  | 24                  |
| 15              | 16QAM      | 1       | 0         | 23.11                 | 23.15                        | 23.61                    | 23.31                         | 23.25                  |                     |
| 15              | 16QAM      | 1       | 37        | 23.12                 | 23.16                        | 23.53                    | 23.45                         | 23.27                  |                     |
| 15              | 16QAM      | 1       | 74        | 23.20                 | 23.22                        | 23.54                    | 23.51                         | 23.37                  | 23                  |
| 15              | 16QAM      | 36      | 0         | 22.33                 | 22.25                        | 22.59                    | 22.59                         | 22.35                  |                     |
| 15              | 16QAM      | 36      | 20        | 22.29                 | 22.38                        | 22.44                    | 22.54                         | 22.42                  |                     |
| 15              | 16QAM      | 36      | 39        | 22.26                 | 22.25                        | 22.55                    | 22.59                         | 22.39                  | 23                  |
| 15              | 16QAM      | 75      | 0         | 22.33                 | 22.32                        | 22.58                    | 22.58                         | 22.38                  |                     |
| 15              | 64QAM      | 1       | 0         | 22.11                 | 22.05                        | 22.44                    | 22.30                         | 22.14                  |                     |
| 15              | 64QAM      | 1       | 37        | 22.19                 | 22.08                        | 22.52                    | 22.53                         | 22.22                  | 23                  |
| 15              | 64QAM      | 1       | 74        | 22.29                 | 22.17                        | 22.62                    | 22.45                         | 22.32                  |                     |
| 15              | 64QAM      | 36      | 0         | 21.32                 | 21.21                        | 21.40                    | 21.57                         | 21.34                  |                     |
| 15              | 64QAM      | 36      | 20        | 21.29                 | 21.27                        | 21.47                    | 21.62                         | 21.47                  | 22                  |
| 15              | 64QAM      | 36      | 39        | 21.31                 | 21.28                        | 21.35                    | 21.57                         | 21.36                  |                     |
| 15              | 64QAM      | 75      | 0         | 21.30                 | 21.26                        | 21.67                    | 21.63                         | 21.40                  |                     |
| 15              | 256QAM     | 1       | 0         | 18.23                 | 18.17                        | 18.88                    | 19.42                         | 18.75                  | 20                  |
| 15              | 256QAM     | 1       | 37        | 18.30                 | 18.29                        | 18.82                    | 19.45                         | 18.54                  |                     |
| 15              | 256QAM     | 1       | 74        | 18.29                 | 18.50                        | 19.07                    | 19.21                         | 18.26                  |                     |
| 15              | 256QAM     | 36      | 0         | 18.40                 | 18.42                        | 18.98                    | 19.37                         | 18.71                  | 20                  |
| 15              | 256QAM     | 36      | 20        | 18.39                 | 18.40                        | 18.90                    | 19.39                         | 18.54                  |                     |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

|                 |        |    |    |        |        |       |         |        |                        |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 18.29  | 18.41  | 19.05 | 19.24   | 18.28  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 18.32  | 18.45  | 18.99 | 19.25   | 18.47  |                        |
| Channel         |        |    |    | 39700  | 40160  | 40620 | 41080   | 41540  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2501   | 2547   | 2593  | 2639    | 2685   |                        |
| 10              | QPSK   | 1  | 0  | 24.27  | 24.27  | 24.63 | 24.52   | 24.34  | 25.00                  |
| 10              | QPSK   | 1  | 25 | 24.25  | 24.26  | 24.54 | 24.52   | 24.34  |                        |
| 10              | QPSK   | 1  | 49 | 24.16  | 24.42  | 24.46 | 24.40   | 24.47  |                        |
| 10              | QPSK   | 25 | 0  | 23.33  | 23.19  | 23.57 | 23.51   | 23.40  | 24                     |
| 10              | QPSK   | 25 | 12 | 23.38  | 23.30  | 23.49 | 23.55   | 23.47  |                        |
| 10              | QPSK   | 25 | 25 | 23.33  | 23.29  | 23.56 | 23.61   | 23.42  |                        |
| 10              | QPSK   | 50 | 0  | 23.36  | 23.25  | 23.56 | 23.64   | 23.43  |                        |
| 10              | 16QAM  | 1  | 0  | 23.08  | 23.15  | 23.51 | 23.32   | 23.29  | 24                     |
| 10              | 16QAM  | 1  | 25 | 23.11  | 23.18  | 23.46 | 23.44   | 23.26  |                        |
| 10              | 16QAM  | 1  | 49 | 23.29  | 23.21  | 23.48 | 23.48   | 23.30  |                        |
| 10              | 16QAM  | 25 | 0  | 22.30  | 22.30  | 22.52 | 22.65   | 22.39  | 23                     |
| 10              | 16QAM  | 25 | 12 | 22.25  | 22.36  | 22.44 | 22.58   | 22.34  |                        |
| 10              | 16QAM  | 25 | 25 | 22.22  | 22.29  | 22.54 | 22.66   | 22.38  |                        |
| 10              | 16QAM  | 50 | 0  | 22.33  | 22.28  | 22.54 | 22.64   | 22.34  |                        |
| 10              | 64QAM  | 1  | 0  | 22.11  | 22.13  | 22.47 | 22.29   | 22.14  | 23                     |
| 10              | 64QAM  | 1  | 25 | 22.23  | 22.08  | 22.57 | 22.43   | 22.27  |                        |
| 10              | 64QAM  | 1  | 49 | 22.26  | 22.16  | 22.63 | 22.50   | 22.33  |                        |
| 10              | 64QAM  | 25 | 0  | 21.30  | 21.24  | 21.48 | 21.47   | 21.36  | 22                     |
| 10              | 64QAM  | 25 | 12 | 21.32  | 21.30  | 21.53 | 21.54   | 21.39  |                        |
| 10              | 64QAM  | 25 | 25 | 21.31  | 21.34  | 21.42 | 21.56   | 21.33  |                        |
| 10              | 64QAM  | 50 | 0  | 21.38  | 21.26  | 21.60 | 21.62   | 21.44  |                        |
| 10              | 256QAM | 1  | 0  | 18.23  | 18.14  | 18.90 | 19.40   | 18.76  | 20                     |
| 10              | 256QAM | 1  | 25 | 18.38  | 18.35  | 18.84 | 19.41   | 18.48  |                        |
| 10              | 256QAM | 1  | 49 | 18.28  | 18.42  | 19.11 | 19.19   | 18.20  |                        |
| 10              | 256QAM | 25 | 0  | 18.33  | 18.36  | 19.02 | 19.41   | 18.63  | 20                     |
| 10              | 256QAM | 25 | 12 | 18.37  | 18.48  | 19.00 | 19.31   | 18.54  |                        |
| 10              | 256QAM | 25 | 25 | 18.26  | 18.42  | 19.07 | 19.32   | 18.30  |                        |
| 10              | 256QAM | 50 | 0  | 18.34  | 18.38  | 18.98 | 19.23   | 18.52  |                        |
| Channel         |        |    |    | 39675  | 40148  | 40620 | 41093   | 41565  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2498.5 | 2545.8 | 2593  | 2640.30 | 2687.5 |                        |
| 5               | QPSK   | 1  | 0  | 24.28  | 24.31  | 24.58 | 24.50   | 24.43  | 25.00                  |
| 5               | QPSK   | 1  | 12 | 24.18  | 24.32  | 24.44 | 24.54   | 24.39  |                        |
| 5               | QPSK   | 1  | 24 | 24.15  | 24.35  | 24.47 | 24.40   | 24.44  |                        |
| 5               | QPSK   | 12 | 0  | 23.34  | 23.15  | 23.63 | 23.52   | 23.43  | 24                     |
| 5               | QPSK   | 12 | 7  | 23.35  | 23.27  | 23.59 | 23.62   | 23.36  |                        |
| 5               | QPSK   | 12 | 13 | 23.32  | 23.29  | 23.49 | 23.57   | 23.41  |                        |
| 5               | QPSK   | 25 | 0  | 23.35  | 23.28  | 23.57 | 23.60   | 23.33  |                        |
| 5               | 16QAM  | 1  | 0  | 23.07  | 23.14  | 23.56 | 23.33   | 23.22  | 24                     |
| 5               | 16QAM  | 1  | 12 | 23.22  | 23.12  | 23.46 | 23.42   | 23.22  |                        |
| 5               | 16QAM  | 1  | 24 | 23.30  | 23.22  | 23.53 | 23.56   | 23.29  |                        |
| 5               | 16QAM  | 12 | 0  | 22.24  | 22.29  | 22.53 | 22.56   | 22.41  | 23                     |
| 5               | 16QAM  | 12 | 7  | 22.28  | 22.37  | 22.49 | 22.54   | 22.44  |                        |
| 5               | 16QAM  | 12 | 13 | 22.25  | 22.29  | 22.57 | 22.67   | 22.40  |                        |
| 5               | 16QAM  | 25 | 0  | 22.32  | 22.33  | 22.58 | 22.61   | 22.28  |                        |
| 5               | 64QAM  | 1  | 0  | 22.11  | 22.07  | 22.53 | 22.30   | 22.14  | 23                     |
| 5               | 64QAM  | 1  | 12 | 22.22  | 22.13  | 22.56 | 22.53   | 22.22  |                        |
| 5               | 64QAM  | 1  | 24 | 22.29  | 22.16  | 22.59 | 22.49   | 22.28  |                        |
| 5               | 64QAM  | 12 | 0  | 21.40  | 21.20  | 21.46 | 21.54   | 21.29  | 22                     |
| 5               | 64QAM  | 12 | 7  | 21.37  | 21.27  | 21.49 | 21.56   | 21.42  |                        |
| 5               | 64QAM  | 12 | 13 | 21.31  | 21.27  | 21.35 | 21.56   | 21.38  |                        |
| 5               | 64QAM  | 25 | 0  | 21.33  | 21.27  | 21.61 | 21.61   | 21.49  |                        |
| 5               | 256QAM | 1  | 0  | 18.31  | 18.21  | 18.96 | 19.46   | 18.74  | 20                     |
| 5               | 256QAM | 1  | 12 | 18.35  | 18.30  | 18.91 | 19.41   | 18.55  |                        |
| 5               | 256QAM | 1  | 24 | 18.35  | 18.42  | 19.05 | 19.23   | 18.19  |                        |
| 5               | 256QAM | 12 | 0  | 18.31  | 18.42  | 19.01 | 19.44   | 18.67  | 20                     |
| 5               | 256QAM | 12 | 7  | 18.33  | 18.40  | 19.00 | 19.29   | 18.58  |                        |
| 5               | 256QAM | 12 | 13 | 18.28  | 18.44  | 19.01 | 19.27   | 18.35  |                        |
| 5               | 256QAM | 25 | 0  | 18.28  | 18.38  | 19.03 | 19.26   | 18.44  |                        |

**<LTE Band 41\_Ant 5\_DSI 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Low Middle<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|---------------------------------|-----------------------------|----------------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 39750                    | 40185                           | 40620                       | 41055                            | 41490                     |                        |
| Frequency (MHz) |            |         |           | 2506                     | 2549.5                          | 2593                        | 2636.5                           | 2680                      |                        |
| 20              | QPSK       | 1       | 0         | 22.38                    | 22.51                           | 22.61                       | 22.53                            | 22.50                     | 23.5                   |
| 20              | QPSK       | 1       | 49        | 22.49                    | 22.61                           | 22.48                       | 22.60                            | 22.52                     |                        |
| 20              | QPSK       | 1       | 99        | 22.46                    | 22.60                           | 22.43                       | 22.51                            | 22.55                     |                        |
| 20              | QPSK       | 50      | 0         | 21.55                    | 21.65                           | 21.76                       | 21.67                            | 21.61                     | 22.5                   |
| 20              | QPSK       | 50      | 24        | 21.60                    | 21.70                           | 21.65                       | 21.61                            | 21.59                     |                        |
| 20              | QPSK       | 50      | 50        | 21.58                    | 21.75                           | 21.60                       | 21.64                            | 21.53                     |                        |
| 20              | QPSK       | 100     | 0         | 21.56                    | 21.71                           | 21.70                       | 21.63                            | 21.65                     | 22.5                   |
| 20              | 16QAM      | 1       | 0         | 21.42                    | 21.58                           | 21.84                       | 21.75                            | 22.09                     |                        |
| 20              | 16QAM      | 1       | 49        | 21.60                    | 21.54                           | 21.98                       | 21.90                            | 21.92                     |                        |
| 20              | 16QAM      | 1       | 99        | 21.51                    | 21.54                           | 22.25                       | 21.86                            | 21.87                     | 21.5                   |
| 20              | 16QAM      | 50      | 0         | 20.53                    | 20.66                           | 21.03                       | 20.87                            | 21.00                     |                        |
| 20              | 16QAM      | 50      | 24        | 20.58                    | 20.71                           | 21.17                       | 20.84                            | 20.96                     |                        |
| 20              | 16QAM      | 50      | 50        | 20.60                    | 20.72                           | 21.17                       | 20.86                            | 20.87                     | 21.5                   |
| 20              | 16QAM      | 100     | 0         | 20.57                    | 20.72                           | 21.10                       | 20.91                            | 20.92                     |                        |
| 20              | 64QAM      | 1       | 0         | 20.34                    | 20.50                           | 20.92                       | 20.79                            | 20.99                     |                        |
| 20              | 64QAM      | 1       | 49        | 20.51                    | 20.68                           | 20.94                       | 20.80                            | 20.81                     | 21.5                   |
| 20              | 64QAM      | 1       | 99        | 20.48                    | 20.66                           | 21.10                       | 20.87                            | 20.83                     |                        |
| 20              | 64QAM      | 50      | 0         | 19.59                    | 19.70                           | 20.03                       | 19.86                            | 20.01                     |                        |
| 20              | 64QAM      | 50      | 24        | 19.58                    | 19.75                           | 20.16                       | 19.94                            | 19.99                     | 20.5                   |
| 20              | 64QAM      | 50      | 50        | 19.56                    | 19.73                           | 20.21                       | 19.84                            | 19.88                     |                        |
| 20              | 64QAM      | 100     | 0         | 19.56                    | 19.72                           | 20.10                       | 19.92                            | 19.98                     |                        |
| 20              | 256QAM     | 1       | 0         | 17.38                    | 17.43                           | 17.78                       | 17.62                            | 17.76                     | 18.5                   |
| 20              | 256QAM     | 1       | 49        | 17.36                    | 17.49                           | 17.93                       | 17.70                            | 17.71                     |                        |
| 20              | 256QAM     | 1       | 99        | 17.31                    | 17.48                           | 17.93                       | 17.60                            | 17.63                     |                        |
| 20              | 256QAM     | 50      | 0         | 17.31                    | 17.47                           | 17.78                       | 17.59                            | 17.73                     | 18.5                   |
| 20              | 256QAM     | 50      | 24        | 17.29                    | 17.48                           | 17.88                       | 17.70                            | 17.78                     |                        |
| 20              | 256QAM     | 50      | 50        | 17.28                    | 17.50                           | 18.00                       | 17.59                            | 17.65                     |                        |
| 20              | 256QAM     | 100     | 0         | 17.21                    | 17.43                           | 17.95                       | 17.52                            | 17.56                     | Tune-up limit<br>(dBm) |
| Channel         |            |         |           | 39725                    | 40173                           | 40620                       | 41068                            | 41515                     |                        |
| Frequency (MHz) |            |         |           | 2503.5                   | 2548.3                          | 2593                        | 2637.8                           | 2682.5                    |                        |
| 15              | QPSK       | 1       | 0         | 22.19                    | 22.32                           | 22.41                       | 22.41                            | 22.32                     | 23.50                  |
| 15              | QPSK       | 1       | 37        | 22.38                    | 22.47                           | 22.32                       | 22.48                            | 22.34                     |                        |
| 15              | QPSK       | 1       | 74        | 22.35                    | 22.41                           | 22.29                       | 22.41                            | 22.43                     |                        |
| 15              | QPSK       | 36      | 0         | 21.45                    | 21.46                           | 21.57                       | 21.47                            | 21.44                     | 22.5                   |
| 15              | QPSK       | 36      | 20        | 21.41                    | 21.54                           | 21.47                       | 21.46                            | 21.39                     |                        |
| 15              | QPSK       | 36      | 39        | 21.45                    | 21.60                           | 21.45                       | 21.44                            | 21.33                     |                        |
| 15              | QPSK       | 75      | 0         | 21.37                    | 21.56                           | 21.54                       | 21.47                            | 21.45                     | 22.5                   |
| 15              | 16QAM      | 1       | 0         | 21.30                    | 21.43                           | 21.68                       | 21.60                            | 21.93                     |                        |
| 15              | 16QAM      | 1       | 37        | 21.46                    | 21.41                           | 21.84                       | 21.73                            | 21.74                     |                        |
| 15              | 16QAM      | 1       | 74        | 21.40                    | 21.34                           | 22.07                       | 21.66                            | 21.70                     | 21.5                   |
| 15              | 16QAM      | 36      | 0         | 20.37                    | 20.49                           | 20.84                       | 20.72                            | 20.85                     |                        |
| 15              | 16QAM      | 36      | 20        | 20.41                    | 20.55                           | 21.04                       | 20.65                            | 20.84                     |                        |
| 15              | 16QAM      | 36      | 39        | 20.41                    | 20.52                           | 21.02                       | 20.72                            | 20.77                     | 21.5                   |
| 15              | 16QAM      | 75      | 0         | 20.45                    | 20.59                           | 20.96                       | 20.73                            | 20.73                     |                        |
| 15              | 64QAM      | 1       | 0         | 20.14                    | 20.35                           | 20.82                       | 20.67                            | 20.81                     |                        |
| 15              | 64QAM      | 1       | 37        | 20.34                    | 20.50                           | 20.81                       | 20.69                            | 20.61                     | 21.5                   |
| 15              | 64QAM      | 1       | 74        | 20.35                    | 20.49                           | 20.92                       | 20.69                            | 20.63                     |                        |
| 15              | 64QAM      | 36      | 0         | 19.42                    | 19.57                           | 19.93                       | 19.71                            | 19.87                     |                        |
| 15              | 64QAM      | 36      | 20        | 19.44                    | 19.62                           | 20.04                       | 19.76                            | 19.81                     | 20.5                   |
| 15              | 64QAM      | 36      | 39        | 19.44                    | 19.60                           | 20.09                       | 19.66                            | 19.76                     |                        |
| 15              | 64QAM      | 75      | 0         | 19.46                    | 19.59                           | 19.91                       | 19.72                            | 19.83                     |                        |
| 15              | 256QAM     | 1       | 0         | 17.23                    | 17.31                           | 17.65                       | 17.45                            | 17.57                     | 18.5                   |
| 15              | 256QAM     | 1       | 37        | 17.18                    | 17.35                           | 17.78                       | 17.59                            | 17.61                     |                        |
| 15              | 256QAM     | 1       | 74        | 17.13                    | 17.30                           | 17.79                       | 17.49                            | 17.52                     |                        |
| 15              | 256QAM     | 36      | 0         | 17.19                    | 17.28                           | 17.59                       | 17.48                            | 17.62                     | 18.5                   |
| 15              | 256QAM     | 36      | 20        | 17.12                    | 17.37                           | 17.78                       | 17.53                            | 17.62                     |                        |



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|                 |        |    |    |        |        |       |         |        |                        |
|-----------------|--------|----|----|--------|--------|-------|---------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 17.16  | 17.35  | 17.87 | 17.43   | 17.46  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 17.06  | 17.31  | 17.80 | 17.36   | 17.45  |                        |
| Channel         |        |    |    | 39700  | 40160  | 40620 | 41080   | 41540  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2501   | 2547   | 2593  | 2639    | 2685   |                        |
| 10              | QPSK   | 1  | 0  | 22.22  | 22.34  | 22.51 | 22.34   | 22.40  | 23.50                  |
| 10              | QPSK   | 1  | 25 | 22.35  | 22.41  | 22.36 | 22.45   | 22.39  |                        |
| 10              | QPSK   | 1  | 49 | 22.27  | 22.46  | 22.33 | 22.41   | 22.41  |                        |
| 10              | QPSK   | 25 | 0  | 21.42  | 21.51  | 21.66 | 21.57   | 21.48  | 22.5                   |
| 10              | QPSK   | 25 | 12 | 21.42  | 21.56  | 21.45 | 21.50   | 21.48  |                        |
| 10              | QPSK   | 25 | 25 | 21.43  | 21.63  | 21.48 | 21.52   | 21.34  |                        |
| 10              | QPSK   | 50 | 0  | 21.42  | 21.58  | 21.54 | 21.49   | 21.49  |                        |
| 10              | 16QAM  | 1  | 0  | 21.28  | 21.39  | 21.74 | 21.56   | 21.99  | 22.5                   |
| 10              | 16QAM  | 1  | 25 | 21.50  | 21.39  | 21.87 | 21.77   | 21.81  |                        |
| 10              | 16QAM  | 1  | 49 | 21.40  | 21.44  | 22.11 | 21.76   | 21.76  |                        |
| 10              | 16QAM  | 25 | 0  | 20.39  | 20.50  | 20.92 | 20.68   | 20.80  | 21.5                   |
| 10              | 16QAM  | 25 | 12 | 20.46  | 20.52  | 20.98 | 20.65   | 20.81  |                        |
| 10              | 16QAM  | 25 | 25 | 20.42  | 20.59  | 21.07 | 20.68   | 20.72  |                        |
| 10              | 16QAM  | 50 | 0  | 20.42  | 20.61  | 20.96 | 20.80   | 20.77  |                        |
| 10              | 64QAM  | 1  | 0  | 20.18  | 20.38  | 20.74 | 20.64   | 20.86  | 21.5                   |
| 10              | 64QAM  | 1  | 25 | 20.33  | 20.52  | 20.83 | 20.66   | 20.71  |                        |
| 10              | 64QAM  | 1  | 49 | 20.37  | 20.52  | 20.91 | 20.76   | 20.64  |                        |
| 10              | 64QAM  | 25 | 0  | 19.42  | 19.55  | 19.85 | 19.67   | 19.89  | 20.5                   |
| 10              | 64QAM  | 25 | 12 | 19.40  | 19.55  | 20.00 | 19.83   | 19.86  |                        |
| 10              | 64QAM  | 25 | 25 | 19.38  | 19.60  | 20.01 | 19.74   | 19.76  |                        |
| 10              | 64QAM  | 50 | 0  | 19.44  | 19.57  | 19.98 | 19.80   | 19.84  |                        |
| 10              | 256QAM | 1  | 0  | 17.19  | 17.30  | 17.58 | 17.52   | 17.65  | 18.5                   |
| 10              | 256QAM | 1  | 25 | 17.23  | 17.37  | 17.79 | 17.52   | 17.59  |                        |
| 10              | 256QAM | 1  | 49 | 17.14  | 17.29  | 17.77 | 17.47   | 17.48  |                        |
| 10              | 256QAM | 25 | 0  | 17.16  | 17.28  | 17.66 | 17.45   | 17.56  | 18.5                   |
| 10              | 256QAM | 25 | 12 | 17.11  | 17.33  | 17.73 | 17.54   | 17.62  |                        |
| 10              | 256QAM | 25 | 25 | 17.18  | 17.37  | 17.86 | 17.47   | 17.52  |                        |
| 10              | 256QAM | 50 | 0  | 17.09  | 17.26  | 17.82 | 17.37   | 17.38  |                        |
| Channel         |        |    |    | 39675  | 40148  | 40620 | 41093   | 41565  | Tune-up limit<br>(dBm) |
| Frequency (MHz) |        |    |    | 2498.5 | 2545.8 | 2593  | 2640.30 | 2687.5 |                        |
| 5               | QPSK   | 1  | 0  | 22.26  | 22.37  | 22.44 | 22.43   | 22.35  | 23.50                  |
| 5               | QPSK   | 1  | 12 | 22.38  | 22.46  | 22.32 | 22.46   | 22.39  |                        |
| 5               | QPSK   | 1  | 24 | 22.30  | 22.48  | 22.25 | 22.31   | 22.45  |                        |
| 5               | QPSK   | 12 | 0  | 21.41  | 21.49  | 21.62 | 21.52   | 21.47  | 22.5                   |
| 5               | QPSK   | 12 | 7  | 21.42  | 21.57  | 21.47 | 21.43   | 21.45  |                        |
| 5               | QPSK   | 12 | 13 | 21.47  | 21.58  | 21.45 | 21.48   | 21.36  |                        |
| 5               | QPSK   | 25 | 0  | 21.44  | 21.51  | 21.52 | 21.50   | 21.46  |                        |
| 5               | 16QAM  | 1  | 0  | 21.26  | 21.46  | 21.64 | 21.60   | 21.99  | 22.5                   |
| 5               | 16QAM  | 1  | 12 | 21.49  | 21.41  | 21.78 | 21.79   | 21.80  |                        |
| 5               | 16QAM  | 1  | 24 | 21.41  | 21.34  | 22.10 | 21.76   | 21.73  |                        |
| 5               | 16QAM  | 12 | 0  | 20.43  | 20.52  | 20.90 | 20.70   | 20.89  | 21.5                   |
| 5               | 16QAM  | 12 | 7  | 20.40  | 20.55  | 20.97 | 20.66   | 20.77  |                        |
| 5               | 16QAM  | 12 | 13 | 20.45  | 20.62  | 21.05 | 20.66   | 20.73  |                        |
| 5               | 16QAM  | 25 | 0  | 20.41  | 20.54  | 20.98 | 20.72   | 20.75  |                        |
| 5               | 64QAM  | 1  | 0  | 20.15  | 20.32  | 20.79 | 20.59   | 20.84  | 21.5                   |
| 5               | 64QAM  | 1  | 12 | 20.41  | 20.53  | 20.83 | 20.64   | 20.65  |                        |
| 5               | 64QAM  | 1  | 24 | 20.30  | 20.53  | 20.93 | 20.72   | 20.69  |                        |
| 5               | 64QAM  | 12 | 0  | 19.46  | 19.53  | 19.84 | 19.76   | 19.91  | 20.5                   |
| 5               | 64QAM  | 12 | 7  | 19.47  | 19.57  | 20.04 | 19.75   | 19.83  |                        |
| 5               | 64QAM  | 12 | 13 | 19.46  | 19.59  | 20.11 | 19.64   | 19.71  |                        |
| 5               | 64QAM  | 25 | 0  | 19.37  | 19.52  | 20.00 | 19.76   | 19.81  |                        |
| 5               | 256QAM | 1  | 0  | 17.28  | 17.32  | 17.62 | 17.45   | 17.66  | 18.5                   |
| 5               | 256QAM | 1  | 12 | 17.19  | 17.38  | 17.75 | 17.60   | 17.61  |                        |
| 5               | 256QAM | 1  | 24 | 17.12  | 17.28  | 17.80 | 17.41   | 17.50  |                        |
| 5               | 256QAM | 12 | 0  | 17.15  | 17.31  | 17.63 | 17.49   | 17.54  | 18.5                   |
| 5               | 256QAM | 12 | 7  | 17.16  | 17.37  | 17.73 | 17.58   | 17.60  |                        |
| 5               | 256QAM | 12 | 13 | 17.15  | 17.34  | 17.80 | 17.42   | 17.46  |                        |
| 5               | 256QAM | 25 | 0  | 17.03  | 17.25  | 17.83 | 17.34   | 17.43  |                        |



&lt;LTE Band 42\_Ant 8\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 42190                    | 42590                       | 42990                     |                        |
| Frequency (MHz) |            |         |           | 3460                     | 3500                        | 3540                      |                        |
| 20              | QPSK       | 1       | 0         | 24.52                    | 24.53                       | 24.50                     | 25                     |
| 20              | QPSK       | 1       | 49        | 24.51                    | 24.50                       | 24.46                     |                        |
| 20              | QPSK       | 1       | 99        | 24.45                    | 24.38                       | 24.34                     |                        |
| 20              | QPSK       | 50      | 0         | 23.53                    | 23.59                       | 23.55                     | 24                     |
| 20              | QPSK       | 50      | 24        | 23.58                    | 23.58                       | 23.54                     |                        |
| 20              | QPSK       | 50      | 50        | 23.52                    | 23.44                       | 23.47                     |                        |
| 20              | QPSK       | 100     | 0         | 23.51                    | 23.53                       | 23.52                     | 24                     |
| 20              | 16QAM      | 1       | 0         | 23.54                    | 23.52                       | 23.45                     |                        |
| 20              | 16QAM      | 1       | 49        | 23.61                    | 23.63                       | 23.55                     |                        |
| 20              | 16QAM      | 1       | 99        | 23.45                    | 23.46                       | 23.32                     | 23                     |
| 20              | 16QAM      | 50      | 0         | 22.58                    | 22.59                       | 22.56                     |                        |
| 20              | 16QAM      | 50      | 24        | 22.58                    | 22.58                       | 22.56                     |                        |
| 20              | 16QAM      | 50      | 50        | 22.57                    | 22.46                       | 22.52                     | 23                     |
| 20              | 16QAM      | 100     | 0         | 22.55                    | 22.48                       | 22.53                     |                        |
| 20              | 64QAM      | 1       | 0         | 22.52                    | 22.52                       | 22.53                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.51                    | 22.55                       | 22.45                     | 23                     |
| 20              | 64QAM      | 1       | 99        | 22.43                    | 22.38                       | 22.26                     |                        |
| 20              | 64QAM      | 50      | 0         | 21.58                    | 21.59                       | 21.58                     | 22                     |
| 20              | 64QAM      | 50      | 24        | 21.60                    | 21.58                       | 21.58                     |                        |
| 20              | 64QAM      | 50      | 50        | 21.55                    | 21.47                       | 21.53                     |                        |
| 20              | 64QAM      | 100     | 0         | 21.56                    | 21.49                       | 21.53                     | 20                     |
| 20              | 256QAM     | 1       | 0         | 19.83                    | 19.78                       | 19.87                     |                        |
| 20              | 256QAM     | 1       | 49        | 19.55                    | 19.74                       | 19.55                     |                        |
| 20              | 256QAM     | 1       | 99        | 19.65                    | 19.85                       | 19.66                     | 20                     |
| 20              | 256QAM     | 50      | 0         | 19.68                    | 19.81                       | 19.67                     |                        |
| 20              | 256QAM     | 50      | 24        | 19.82                    | 19.86                       | 19.85                     |                        |
| 20              | 256QAM     | 50      | 50        | 19.79                    | 19.87                       | 19.77                     | 20                     |
| 20              | 256QAM     | 100     | 0         | 19.75                    | 19.84                       | 19.64                     |                        |
| Channel         |            |         |           | 42165                    | 42590                       | 43015                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3500                        | 3542.5                    |                        |
| 15              | QPSK       | 1       | 0         | 24.37                    | 24.33                       | 24.46                     | 25                     |
| 15              | QPSK       | 1       | 37        | 24.41                    | 24.40                       | 24.37                     |                        |
| 15              | QPSK       | 1       | 74        | 24.26                    | 24.23                       | 24.21                     |                        |
| 15              | QPSK       | 36      | 0         | 23.43                    | 23.55                       | 23.46                     | 24                     |
| 15              | QPSK       | 36      | 20        | 23.52                    | 23.48                       | 23.53                     |                        |
| 15              | QPSK       | 36      | 39        | 23.45                    | 23.26                       | 23.36                     |                        |
| 15              | QPSK       | 75      | 0         | 23.34                    | 23.52                       | 23.44                     | 24                     |
| 15              | 16QAM      | 1       | 0         | 23.47                    | 23.43                       | 23.40                     |                        |
| 15              | 16QAM      | 1       | 37        | 23.56                    | 23.61                       | 23.46                     |                        |
| 15              | 16QAM      | 1       | 74        | 23.40                    | 23.26                       | 23.14                     | 23                     |
| 15              | 16QAM      | 36      | 0         | 22.44                    | 22.42                       | 22.56                     |                        |
| 15              | 16QAM      | 36      | 20        | 22.41                    | 22.55                       | 22.42                     |                        |
| 15              | 16QAM      | 36      | 39        | 22.48                    | 22.33                       | 22.40                     | 23                     |
| 15              | 16QAM      | 75      | 0         | 22.53                    | 22.40                       | 22.38                     |                        |
| 15              | 64QAM      | 1       | 0         | 22.34                    | 22.41                       | 22.47                     |                        |
| 15              | 64QAM      | 1       | 37        | 22.34                    | 22.55                       | 22.45                     | 23                     |
| 15              | 64QAM      | 1       | 74        | 22.36                    | 22.38                       | 22.07                     |                        |
| 15              | 64QAM      | 36      | 0         | 21.49                    | 21.55                       | 21.45                     | 22                     |
| 15              | 64QAM      | 36      | 20        | 21.45                    | 21.54                       | 21.39                     |                        |
| 15              | 64QAM      | 36      | 39        | 21.49                    | 21.36                       | 21.50                     |                        |
| 15              | 64QAM      | 75      | 0         | 21.51                    | 21.43                       | 21.53                     | 20                     |
| 15              | 256QAM     | 1       | 0         | 19.79                    | 19.76                       | 19.83                     |                        |
| 15              | 256QAM     | 1       | 37        | 19.39                    | 19.73                       | 19.38                     |                        |
| 15              | 256QAM     | 1       | 74        | 19.52                    | 19.71                       | 19.54                     | 20                     |
| 15              | 256QAM     | 36      | 0         | 19.48                    | 19.71                       | 19.49                     |                        |
| 15              | 256QAM     | 36      | 20        | 19.65                    | 19.77                       | 19.72                     |                        |



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|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 19.69  | 19.86 | 19.75  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 19.72  | 19.70 | 19.46  |                        |
| Channel         |        |    |    | 42140  | 42590 | 43040  |                        |
| Frequency (MHz) |        |    |    | 3455   | 3500  | 3545   | 25                     |
| 10              | QPSK   | 1  | 0  | 24.45  | 24.43 | 24.31  |                        |
| 10              | QPSK   | 1  | 25 | 24.35  | 24.30 | 24.34  |                        |
| 10              | QPSK   | 1  | 49 | 24.43  | 24.26 | 24.22  | 24                     |
| 10              | QPSK   | 25 | 0  | 23.53  | 23.53 | 23.49  |                        |
| 10              | QPSK   | 25 | 12 | 23.38  | 23.47 | 23.37  |                        |
| 10              | QPSK   | 25 | 25 | 23.51  | 23.34 | 23.44  | 24                     |
| 10              | QPSK   | 50 | 0  | 23.34  | 23.44 | 23.41  |                        |
| 10              | 16QAM  | 1  | 0  | 23.40  | 23.38 | 23.35  |                        |
| 10              | 16QAM  | 1  | 25 | 23.59  | 23.54 | 23.39  | 23                     |
| 10              | 16QAM  | 1  | 49 | 23.28  | 23.31 | 23.18  |                        |
| 10              | 16QAM  | 25 | 0  | 22.54  | 22.48 | 22.44  |                        |
| 10              | 16QAM  | 25 | 12 | 22.43  | 22.42 | 22.41  | 23                     |
| 10              | 16QAM  | 25 | 25 | 22.37  | 22.26 | 22.34  |                        |
| 10              | 16QAM  | 50 | 0  | 22.53  | 22.40 | 22.44  |                        |
| 10              | 64QAM  | 1  | 0  | 22.38  | 22.45 | 22.38  | 23                     |
| 10              | 64QAM  | 1  | 25 | 22.32  | 22.49 | 22.38  |                        |
| 10              | 64QAM  | 1  | 49 | 22.42  | 22.35 | 22.06  |                        |
| 10              | 64QAM  | 25 | 0  | 21.54  | 21.55 | 21.44  | 22                     |
| 10              | 64QAM  | 25 | 12 | 21.58  | 21.42 | 21.46  |                        |
| 10              | 64QAM  | 25 | 25 | 21.38  | 21.32 | 21.43  |                        |
| 10              | 64QAM  | 50 | 0  | 21.55  | 21.36 | 21.45  | 20                     |
| 10              | 256QAM | 1  | 0  | 19.63  | 19.58 | 19.75  |                        |
| 10              | 256QAM | 1  | 25 | 19.53  | 19.55 | 19.50  |                        |
| 10              | 256QAM | 1  | 49 | 19.48  | 19.66 | 19.55  | 20                     |
| 10              | 256QAM | 25 | 0  | 19.62  | 19.64 | 19.56  |                        |
| 10              | 256QAM | 25 | 12 | 19.70  | 19.76 | 19.72  |                        |
| 10              | 256QAM | 25 | 25 | 19.66  | 19.82 | 19.63  | Tune-up limit<br>(dBm) |
| 10              | 256QAM | 50 | 0  | 19.64  | 19.64 | 19.61  |                        |
| Channel         |        |    |    | 42115  | 42590 | 43065  |                        |
| Frequency (MHz) |        |    |    | 3452.5 | 3500  | 3547.5 | 25                     |
| 5               | QPSK   | 1  | 0  | 24.48  | 24.42 | 24.37  |                        |
| 5               | QPSK   | 1  | 12 | 24.40  | 24.33 | 24.37  |                        |
| 5               | QPSK   | 1  | 24 | 24.29  | 24.23 | 24.23  | 24                     |
| 5               | QPSK   | 12 | 0  | 23.41  | 23.40 | 23.43  |                        |
| 5               | QPSK   | 12 | 7  | 23.44  | 23.53 | 23.49  |                        |
| 5               | QPSK   | 12 | 13 | 23.49  | 23.35 | 23.45  | 24                     |
| 5               | QPSK   | 25 | 0  | 23.37  | 23.36 | 23.35  |                        |
| 5               | 16QAM  | 1  | 0  | 23.50  | 23.34 | 23.45  |                        |
| 5               | 16QAM  | 1  | 12 | 23.42  | 23.58 | 23.46  | 23                     |
| 5               | 16QAM  | 1  | 24 | 23.43  | 23.43 | 23.21  |                        |
| 5               | 16QAM  | 12 | 0  | 22.51  | 22.52 | 22.45  |                        |
| 5               | 16QAM  | 12 | 7  | 22.52  | 22.46 | 22.56  | 23                     |
| 5               | 16QAM  | 12 | 13 | 22.45  | 22.29 | 22.34  |                        |
| 5               | 16QAM  | 25 | 0  | 22.55  | 22.42 | 22.51  |                        |
| 5               | 64QAM  | 1  | 0  | 22.49  | 22.49 | 22.46  | 23                     |
| 5               | 64QAM  | 1  | 12 | 22.51  | 22.52 | 22.39  |                        |
| 5               | 64QAM  | 1  | 24 | 22.34  | 22.23 | 22.06  |                        |
| 5               | 64QAM  | 12 | 0  | 21.52  | 21.45 | 21.44  | 22                     |
| 5               | 64QAM  | 12 | 7  | 21.44  | 21.53 | 21.47  |                        |
| 5               | 64QAM  | 12 | 13 | 21.42  | 21.35 | 21.37  |                        |
| 5               | 64QAM  | 25 | 0  | 21.38  | 21.34 | 21.41  | 20                     |
| 5               | 256QAM | 1  | 0  | 19.76  | 19.76 | 19.83  |                        |
| 5               | 256QAM | 1  | 12 | 19.36  | 19.72 | 19.43  |                        |
| 5               | 256QAM | 1  | 24 | 19.53  | 19.73 | 19.64  | 20                     |
| 5               | 256QAM | 12 | 0  | 19.63  | 19.80 | 19.49  |                        |
| 5               | 256QAM | 12 | 7  | 19.81  | 19.82 | 19.75  |                        |
| 5               | 256QAM | 12 | 13 | 19.64  | 19.67 | 19.64  | 20                     |
| 5               | 256QAM | 25 | 0  | 19.55  | 19.84 | 19.47  |                        |



&lt;LTE Band 42\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 42190                    | 42590                       | 42990                     |                        |
| Frequency (MHz) |            |         |           | 3460                     | 3500                        | 3540                      |                        |
| 20              | QPSK       | 1       | 0         | 22.12                    | 22.13                       | 22.10                     | 22.5                   |
| 20              | QPSK       | 1       | 49        | 22.05                    | 22.04                       | 22.08                     |                        |
| 20              | QPSK       | 1       | 99        | 21.96                    | 21.97                       | 21.93                     |                        |
| 20              | QPSK       | 50      | 0         | 21.08                    | 21.15                       | 21.12                     | 21.5                   |
| 20              | QPSK       | 50      | 24        | 21.10                    | 21.09                       | 21.12                     |                        |
| 20              | QPSK       | 50      | 50        | 21.01                    | 21.06                       | 21.06                     |                        |
| 20              | QPSK       | 100     | 0         | 21.11                    | 21.13                       | 21.09                     | 21.5                   |
| 20              | 16QAM      | 1       | 0         | 21.15                    | 21.02                       | 21.11                     |                        |
| 20              | 16QAM      | 1       | 49        | 21.16                    | 21.07                       | 21.08                     |                        |
| 20              | 16QAM      | 1       | 99        | 20.90                    | 20.94                       | 20.88                     | 20.5                   |
| 20              | 16QAM      | 50      | 0         | 20.12                    | 20.07                       | 20.11                     |                        |
| 20              | 16QAM      | 50      | 24        | 20.12                    | 20.09                       | 20.09                     |                        |
| 20              | 16QAM      | 50      | 50        | 20.02                    | 20.07                       | 20.06                     | 20.5                   |
| 20              | 16QAM      | 100     | 0         | 20.10                    | 20.06                       | 20.11                     |                        |
| 20              | 64QAM      | 1       | 0         | 20.07                    | 20.04                       | 20.06                     |                        |
| 20              | 64QAM      | 1       | 49        | 20.06                    | 20.00                       | 20.09                     | 20.5                   |
| 20              | 64QAM      | 1       | 99        | 19.94                    | 19.94                       | 19.90                     |                        |
| 20              | 64QAM      | 50      | 0         | 19.09                    | 19.08                       | 19.11                     |                        |
| 20              | 64QAM      | 50      | 24        | 19.11                    | 19.06                       | 19.08                     | 19.5                   |
| 20              | 64QAM      | 50      | 50        | 18.98                    | 19.08                       | 19.06                     |                        |
| 20              | 64QAM      | 100     | 0         | 19.11                    | 19.09                       | 19.04                     |                        |
| 20              | 256QAM     | 1       | 0         | 16.87                    | 16.84                       | 16.86                     | 17.5                   |
| 20              | 256QAM     | 1       | 49        | 16.82                    | 16.84                       | 16.87                     |                        |
| 20              | 256QAM     | 1       | 99        | 16.73                    | 16.83                       | 16.79                     |                        |
| 20              | 256QAM     | 50      | 0         | 16.88                    | 16.85                       | 16.83                     | 17.5                   |
| 20              | 256QAM     | 50      | 24        | 16.87                    | 16.83                       | 16.82                     |                        |
| 20              | 256QAM     | 50      | 50        | 16.76                    | 16.79                       | 16.77                     |                        |
| 20              | 256QAM     | 100     | 0         | 16.90                    | 16.88                       | 16.78                     |                        |
| Channel         |            |         |           | 42165                    | 42590                       | 43015                     | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3500                        | 3542.5                    |                        |
| 15              | QPSK       | 1       | 0         | 21.97                    | 22.01                       | 21.96                     | 22.5                   |
| 15              | QPSK       | 1       | 37        | 21.93                    | 21.91                       | 21.93                     |                        |
| 15              | QPSK       | 1       | 74        | 21.76                    | 21.87                       | 21.82                     |                        |
| 15              | QPSK       | 36      | 0         | 20.98                    | 21.03                       | 20.92                     | 21.5                   |
| 15              | QPSK       | 36      | 20        | 20.99                    | 20.96                       | 20.95                     |                        |
| 15              | QPSK       | 36      | 39        | 20.83                    | 20.88                       | 20.92                     |                        |
| 15              | QPSK       | 75      | 0         | 21.01                    | 21.03                       | 20.96                     | 21.5                   |
| 15              | 16QAM      | 1       | 0         | 21.03                    | 20.85                       | 20.99                     |                        |
| 15              | 16QAM      | 1       | 37        | 20.96                    | 20.93                       | 20.92                     |                        |
| 15              | 16QAM      | 1       | 74        | 20.78                    | 20.81                       | 20.78                     | 20.5                   |
| 15              | 16QAM      | 36      | 0         | 19.94                    | 19.91                       | 19.91                     |                        |
| 15              | 16QAM      | 36      | 20        | 19.96                    | 19.97                       | 19.89                     |                        |
| 15              | 16QAM      | 36      | 39        | 19.91                    | 19.91                       | 19.87                     | 20.5                   |
| 15              | 16QAM      | 75      | 0         | 19.94                    | 19.92                       | 19.92                     |                        |
| 15              | 64QAM      | 1       | 0         | 19.96                    | 19.88                       | 19.88                     |                        |
| 15              | 64QAM      | 1       | 37        | 19.93                    | 19.84                       | 19.98                     | 20.5                   |
| 15              | 64QAM      | 1       | 74        | 19.74                    | 19.83                       | 19.71                     |                        |
| 15              | 64QAM      | 36      | 0         | 18.95                    | 18.90                       | 18.91                     |                        |
| 15              | 64QAM      | 36      | 20        | 18.99                    | 18.96                       | 18.89                     | 19.5                   |
| 15              | 64QAM      | 36      | 39        | 18.87                    | 18.98                       | 18.86                     |                        |
| 15              | 64QAM      | 75      | 0         | 18.99                    | 18.90                       | 18.88                     |                        |
| 15              | 256QAM     | 1       | 0         | 16.67                    | 16.70                       | 16.67                     | 17.5                   |
| 15              | 256QAM     | 1       | 37        | 16.63                    | 16.72                       | 16.71                     |                        |
| 15              | 256QAM     | 1       | 74        | 16.56                    | 16.67                       | 16.62                     |                        |
| 15              | 256QAM     | 36      | 0         | 16.74                    | 16.67                       | 16.73                     | 17.5                   |
| 15              | 256QAM     | 36      | 20        | 16.72                    | 16.69                       | 16.68                     |                        |



# FCC SAR TEST REPORT

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|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 16.57  | 16.69 | 16.63  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 16.72  | 16.72 | 16.60  |                        |
| Channel         |        |    |    | 42140  | 42590 | 43040  |                        |
| Frequency (MHz) |        |    |    | 3455   | 3500  | 3545   | 22.5                   |
| 10              | QPSK   | 1  | 0  | 21.94  | 21.97 | 21.90  |                        |
| 10              | QPSK   | 1  | 25 | 21.89  | 21.92 | 21.98  |                        |
| 10              | QPSK   | 1  | 49 | 21.80  | 21.86 | 21.78  | 21.5                   |
| 10              | QPSK   | 25 | 0  | 20.92  | 21.02 | 21.01  |                        |
| 10              | QPSK   | 25 | 12 | 20.90  | 20.95 | 20.95  |                        |
| 10              | QPSK   | 25 | 25 | 20.85  | 20.91 | 20.93  | 21.5                   |
| 10              | QPSK   | 50 | 0  | 20.98  | 21.00 | 20.95  |                        |
| 10              | 16QAM  | 1  | 0  | 20.99  | 20.83 | 20.99  |                        |
| 10              | 16QAM  | 1  | 25 | 21.05  | 20.88 | 20.93  | 20.5                   |
| 10              | 16QAM  | 1  | 49 | 20.77  | 20.77 | 20.73  |                        |
| 10              | 16QAM  | 25 | 0  | 19.98  | 19.95 | 20.00  |                        |
| 10              | 16QAM  | 25 | 12 | 20.00  | 19.99 | 19.90  | 20.5                   |
| 10              | 16QAM  | 25 | 25 | 19.89  | 19.96 | 19.95  |                        |
| 10              | 16QAM  | 50 | 0  | 19.92  | 19.87 | 19.96  |                        |
| 10              | 64QAM  | 1  | 0  | 19.93  | 19.93 | 19.95  | 20.5                   |
| 10              | 64QAM  | 1  | 25 | 19.89  | 19.80 | 19.91  |                        |
| 10              | 64QAM  | 1  | 49 | 19.75  | 19.79 | 19.75  |                        |
| 10              | 64QAM  | 25 | 0  | 18.94  | 18.94 | 18.95  | 19.5                   |
| 10              | 64QAM  | 25 | 12 | 18.95  | 18.93 | 18.96  |                        |
| 10              | 64QAM  | 25 | 25 | 18.78  | 18.92 | 18.95  |                        |
| 10              | 64QAM  | 50 | 0  | 18.93  | 18.97 | 18.87  | 17.5                   |
| 10              | 256QAM | 1  | 0  | 16.71  | 16.74 | 16.71  |                        |
| 10              | 256QAM | 1  | 25 | 16.71  | 16.68 | 16.72  |                        |
| 10              | 256QAM | 1  | 49 | 16.58  | 16.73 | 16.68  | 17.5                   |
| 10              | 256QAM | 25 | 0  | 16.76  | 16.68 | 16.68  |                        |
| 10              | 256QAM | 25 | 12 | 16.67  | 16.70 | 16.66  |                        |
| 10              | 256QAM | 25 | 25 | 16.66  | 16.68 | 16.58  | Tune-up limit<br>(dBm) |
| 10              | 256QAM | 50 | 0  | 16.73  | 16.71 | 16.63  |                        |
| Channel         |        |    |    | 42115  | 42590 | 43065  |                        |
| Frequency (MHz) |        |    |    | 3452.5 | 3500  | 3547.5 | 22.5                   |
| 5               | QPSK   | 1  | 0  | 21.97  | 21.98 | 21.97  |                        |
| 5               | QPSK   | 1  | 12 | 21.88  | 21.90 | 21.96  |                        |
| 5               | QPSK   | 1  | 24 | 21.76  | 21.77 | 21.79  | 21.5                   |
| 5               | QPSK   | 12 | 0  | 20.90  | 20.96 | 21.01  |                        |
| 5               | QPSK   | 12 | 7  | 20.94  | 20.93 | 20.95  |                        |
| 5               | QPSK   | 12 | 13 | 20.88  | 20.87 | 20.89  | 21.5                   |
| 5               | QPSK   | 25 | 0  | 20.93  | 21.03 | 20.89  |                        |
| 5               | 16QAM  | 1  | 0  | 21.03  | 20.86 | 20.93  |                        |
| 5               | 16QAM  | 1  | 12 | 21.02  | 20.94 | 20.88  | 20.5                   |
| 5               | 16QAM  | 1  | 24 | 20.72  | 20.78 | 20.75  |                        |
| 5               | 16QAM  | 12 | 0  | 19.94  | 19.92 | 19.94  |                        |
| 5               | 16QAM  | 12 | 7  | 19.93  | 19.96 | 19.96  | 20.5                   |
| 5               | 16QAM  | 12 | 13 | 19.91  | 19.92 | 19.89  |                        |
| 5               | 16QAM  | 25 | 0  | 19.91  | 19.93 | 19.91  |                        |
| 5               | 64QAM  | 1  | 0  | 19.89  | 19.92 | 19.92  | 20.5                   |
| 5               | 64QAM  | 1  | 12 | 19.94  | 19.89 | 19.91  |                        |
| 5               | 64QAM  | 1  | 24 | 19.80  | 19.84 | 19.77  |                        |
| 5               | 64QAM  | 12 | 0  | 18.98  | 18.98 | 19.01  | 19.5                   |
| 5               | 64QAM  | 12 | 7  | 18.97  | 18.86 | 18.95  |                        |
| 5               | 64QAM  | 12 | 13 | 18.84  | 18.89 | 18.87  |                        |
| 5               | 64QAM  | 25 | 0  | 18.96  | 18.89 | 18.93  | 17.5                   |
| 5               | 256QAM | 1  | 0  | 16.75  | 16.71 | 16.69  |                        |
| 5               | 256QAM | 1  | 12 | 16.71  | 16.73 | 16.68  |                        |
| 5               | 256QAM | 1  | 24 | 16.56  | 16.70 | 16.64  | 17.5                   |
| 5               | 256QAM | 12 | 0  | 16.69  | 16.73 | 16.70  |                        |
| 5               | 256QAM | 12 | 7  | 16.67  | 16.63 | 16.68  |                        |
| 5               | 256QAM | 12 | 13 | 16.63  | 16.61 | 16.63  | 17.5                   |
| 5               | 256QAM | 25 | 0  | 16.74  | 16.75 | 16.66  |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<LTE Band 43\_Ant 8\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 44690                    | 45090                       | 45490                     | 25                     |
| Frequency (MHz) |            |         |           | 3710                     | 3750                        | 3790                      |                        |
| 20              | QPSK       | 1       | 0         | 24.10                    | 23.96                       | 23.70                     |                        |
| 20              | QPSK       | 1       | 49        | 24.00                    | 23.84                       | 23.53                     | 24                     |
| 20              | QPSK       | 1       | 99        | 23.83                    | 23.59                       | 23.29                     |                        |
| 20              | QPSK       | 50      | 0         | 23.03                    | 22.90                       | 22.60                     |                        |
| 20              | QPSK       | 50      | 24        | 23.02                    | 22.93                       | 22.53                     | 24                     |
| 20              | QPSK       | 50      | 50        | 22.93                    | 22.79                       | 22.50                     |                        |
| 20              | QPSK       | 100     | 0         | 23.01                    | 22.86                       | 22.51                     |                        |
| 20              | 16QAM      | 1       | 0         | 23.06                    | 22.99                       | 22.68                     | 24                     |
| 20              | 16QAM      | 1       | 49        | 22.99                    | 22.90                       | 22.55                     |                        |
| 20              | 16QAM      | 1       | 99        | 22.87                    | 22.64                       | 22.33                     |                        |
| 20              | 16QAM      | 50      | 0         | 22.01                    | 21.91                       | 21.60                     | 23                     |
| 20              | 16QAM      | 50      | 24        | 22.06                    | 21.93                       | 21.53                     |                        |
| 20              | 16QAM      | 50      | 50        | 21.96                    | 21.81                       | 21.49                     |                        |
| 20              | 16QAM      | 100     | 0         | 22.01                    | 21.90                       | 21.53                     | 23                     |
| 20              | 64QAM      | 1       | 0         | 21.98                    | 21.94                       | 21.71                     |                        |
| 20              | 64QAM      | 1       | 49        | 22.03                    | 21.84                       | 21.51                     |                        |
| 20              | 64QAM      | 1       | 99        | 21.77                    | 21.60                       | 21.22                     | 22                     |
| 20              | 64QAM      | 50      | 0         | 21.05                    | 20.89                       | 20.59                     |                        |
| 20              | 64QAM      | 50      | 24        | 21.08                    | 20.92                       | 20.53                     |                        |
| 20              | 64QAM      | 50      | 50        | 20.98                    | 20.81                       | 20.50                     | 20                     |
| 20              | 64QAM      | 100     | 0         | 21.03                    | 20.91                       | 20.50                     |                        |
| 20              | 256QAM     | 1       | 0         | 19.26                    | 19.36                       | 19.23                     |                        |
| 20              | 256QAM     | 1       | 49        | 19.36                    | 19.43                       | 19.39                     | 20                     |
| 20              | 256QAM     | 1       | 99        | 19.33                    | 19.48                       | 19.31                     |                        |
| 20              | 256QAM     | 50      | 0         | 19.38                    | 19.41                       | 19.41                     |                        |
| 20              | 256QAM     | 50      | 24        | 19.32                    | 19.47                       | 19.39                     | 20                     |
| 20              | 256QAM     | 50      | 50        | 19.36                    | 19.52                       | 19.42                     |                        |
| 20              | 256QAM     | 100     | 0         | 19.37                    | 19.44                       | 19.42                     |                        |
| Channel         |            |         |           | 44665                    | 45090                       | 45515                     | 25                     |
| Frequency (MHz) |            |         |           | 3707.5                   | 3750                        | 3792.5                    |                        |
| 15              | QPSK       | 1       | 0         | 23.96                    | 23.92                       | 23.70                     |                        |
| 15              | QPSK       | 1       | 37        | 23.84                    | 23.75                       | 23.52                     | 24                     |
| 15              | QPSK       | 1       | 74        | 23.63                    | 23.58                       | 23.11                     |                        |
| 15              | QPSK       | 36      | 0         | 22.89                    | 22.81                       | 22.44                     |                        |
| 15              | QPSK       | 36      | 20        | 22.86                    | 22.74                       | 22.42                     | 24                     |
| 15              | QPSK       | 36      | 39        | 22.79                    | 22.63                       | 22.36                     |                        |
| 15              | QPSK       | 75      | 0         | 22.89                    | 22.78                       | 22.48                     |                        |
| 15              | 16QAM      | 1       | 0         | 22.94                    | 22.91                       | 22.48                     | 24                     |
| 15              | 16QAM      | 1       | 37        | 22.80                    | 22.76                       | 22.40                     |                        |
| 15              | 16QAM      | 1       | 74        | 22.77                    | 22.48                       | 22.19                     |                        |
| 15              | 16QAM      | 36      | 0         | 21.94                    | 21.88                       | 21.55                     | 23                     |
| 15              | 16QAM      | 36      | 20        | 22.03                    | 21.84                       | 21.41                     |                        |
| 15              | 16QAM      | 36      | 39        | 21.83                    | 21.79                       | 21.45                     |                        |
| 15              | 16QAM      | 75      | 0         | 21.81                    | 21.83                       | 21.45                     | 23                     |
| 15              | 64QAM      | 1       | 0         | 21.85                    | 21.76                       | 21.70                     |                        |
| 15              | 64QAM      | 1       | 37        | 21.90                    | 21.74                       | 21.48                     |                        |
| 15              | 64QAM      | 1       | 74        | 21.77                    | 21.60                       | 21.17                     | 22                     |
| 15              | 64QAM      | 36      | 0         | 20.88                    | 20.86                       | 20.40                     |                        |
| 15              | 64QAM      | 36      | 20        | 20.97                    | 20.74                       | 20.49                     |                        |
| 15              | 64QAM      | 36      | 39        | 20.80                    | 20.65                       | 20.36                     | 20                     |
| 15              | 64QAM      | 75      | 0         | 20.90                    | 20.75                       | 20.36                     |                        |
| 15              | 256QAM     | 1       | 0         | 19.09                    | 19.18                       | 19.08                     |                        |
| 15              | 256QAM     | 1       | 37        | 19.18                    | 19.29                       | 19.25                     | 20                     |
| 15              | 256QAM     | 1       | 74        | 19.28                    | 19.31                       | 19.21                     |                        |
| 15              | 256QAM     | 36      | 0         | 19.21                    | 19.25                       | 19.24                     |                        |
| 15              | 256QAM     | 36      | 20        | 19.24                    | 19.29                       | 19.24                     | 20                     |



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Report No. : FA4O2225B

|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 19.30  | 19.44 | 19.39  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 19.32  | 19.26 | 19.26  |                        |
| Channel         |        |    |    | 44640  | 45090 | 45540  |                        |
| Frequency (MHz) |        |    |    | 3705   | 3750  | 3795   | 25                     |
| 10              | QPSK   | 1  | 0  | 23.97  | 23.80 | 23.59  |                        |
| 10              | QPSK   | 1  | 25 | 23.97  | 23.65 | 23.38  |                        |
| 10              | QPSK   | 1  | 49 | 23.81  | 23.42 | 23.21  | 24                     |
| 10              | QPSK   | 25 | 0  | 22.97  | 22.87 | 22.52  |                        |
| 10              | QPSK   | 25 | 12 | 23.00  | 22.91 | 22.52  |                        |
| 10              | QPSK   | 25 | 25 | 22.80  | 22.76 | 22.33  | 24                     |
| 10              | QPSK   | 50 | 0  | 22.96  | 22.86 | 22.44  |                        |
| 10              | 16QAM  | 1  | 0  | 22.98  | 22.88 | 22.56  |                        |
| 10              | 16QAM  | 1  | 25 | 22.96  | 22.88 | 22.37  | 23                     |
| 10              | 16QAM  | 1  | 49 | 22.86  | 22.58 | 22.21  |                        |
| 10              | 16QAM  | 25 | 0  | 21.88  | 21.81 | 21.56  |                        |
| 10              | 16QAM  | 25 | 12 | 21.89  | 21.89 | 21.35  | 23                     |
| 10              | 16QAM  | 25 | 25 | 21.88  | 21.67 | 21.42  |                        |
| 10              | 16QAM  | 50 | 0  | 21.99  | 21.75 | 21.49  |                        |
| 10              | 64QAM  | 1  | 0  | 21.78  | 21.74 | 21.63  | 23                     |
| 10              | 64QAM  | 1  | 25 | 21.91  | 21.65 | 21.45  |                        |
| 10              | 64QAM  | 1  | 49 | 21.70  | 21.41 | 21.02  |                        |
| 10              | 64QAM  | 25 | 0  | 20.91  | 20.73 | 20.44  | 22                     |
| 10              | 64QAM  | 25 | 12 | 21.06  | 20.74 | 20.43  |                        |
| 10              | 64QAM  | 25 | 25 | 20.89  | 20.79 | 20.49  |                        |
| 10              | 64QAM  | 50 | 0  | 20.93  | 20.78 | 20.38  | 20                     |
| 10              | 256QAM | 1  | 0  | 19.19  | 19.31 | 19.23  |                        |
| 10              | 256QAM | 1  | 25 | 19.33  | 19.24 | 19.29  |                        |
| 10              | 256QAM | 1  | 49 | 19.14  | 19.34 | 19.16  | 20                     |
| 10              | 256QAM | 25 | 0  | 19.31  | 19.31 | 19.38  |                        |
| 10              | 256QAM | 25 | 12 | 19.30  | 19.28 | 19.32  |                        |
| 10              | 256QAM | 25 | 25 | 19.28  | 19.36 | 19.23  | 20                     |
| 10              | 256QAM | 50 | 0  | 19.25  | 19.28 | 19.38  |                        |
| Channel         |        |    |    | 44615  | 45090 | 45565  |                        |
| Frequency (MHz) |        |    |    | 3702.5 | 3750  | 3797.5 | 25                     |
| 5               | QPSK   | 1  | 0  | 24.03  | 23.94 | 23.55  |                        |
| 5               | QPSK   | 1  | 12 | 23.92  | 23.71 | 23.34  |                        |
| 5               | QPSK   | 1  | 24 | 23.63  | 23.52 | 23.11  | 24                     |
| 5               | QPSK   | 12 | 0  | 22.88  | 22.70 | 22.53  |                        |
| 5               | QPSK   | 12 | 7  | 22.92  | 22.85 | 22.43  |                        |
| 5               | QPSK   | 12 | 13 | 22.84  | 22.69 | 22.47  | 24                     |
| 5               | QPSK   | 25 | 0  | 22.95  | 22.80 | 22.42  |                        |
| 5               | 16QAM  | 1  | 0  | 22.88  | 22.91 | 22.54  |                        |
| 5               | 16QAM  | 1  | 12 | 22.83  | 22.81 | 22.47  | 23                     |
| 5               | 16QAM  | 1  | 24 | 22.71  | 22.62 | 22.18  |                        |
| 5               | 16QAM  | 12 | 0  | 21.82  | 21.78 | 21.59  |                        |
| 5               | 16QAM  | 12 | 7  | 21.96  | 21.76 | 21.50  | 23                     |
| 5               | 16QAM  | 12 | 13 | 21.88  | 21.66 | 21.30  |                        |
| 5               | 16QAM  | 25 | 0  | 21.88  | 21.86 | 21.46  |                        |
| 5               | 64QAM  | 1  | 0  | 21.96  | 21.79 | 21.62  | 23                     |
| 5               | 64QAM  | 1  | 12 | 21.98  | 21.72 | 21.39  |                        |
| 5               | 64QAM  | 1  | 24 | 21.70  | 21.50 | 21.10  |                        |
| 5               | 64QAM  | 12 | 0  | 20.85  | 20.70 | 20.41  | 22                     |
| 5               | 64QAM  | 12 | 7  | 20.97  | 20.75 | 20.38  |                        |
| 5               | 64QAM  | 12 | 13 | 20.96  | 20.67 | 20.32  |                        |
| 5               | 64QAM  | 25 | 0  | 20.97  | 20.73 | 20.32  | 20                     |
| 5               | 256QAM | 1  | 0  | 19.16  | 19.36 | 19.08  |                        |
| 5               | 256QAM | 1  | 12 | 19.32  | 19.37 | 19.38  |                        |
| 5               | 256QAM | 1  | 24 | 19.27  | 19.32 | 19.11  | 20                     |
| 5               | 256QAM | 12 | 0  | 19.27  | 19.26 | 19.38  |                        |
| 5               | 256QAM | 12 | 7  | 19.18  | 19.41 | 19.22  |                        |
| 5               | 256QAM | 12 | 13 | 19.17  | 19.40 | 19.25  | 20                     |
| 5               | 256QAM | 25 | 0  | 19.33  | 19.37 | 19.29  |                        |



&lt;LTE Band 43\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 44690                    | 45090                       | 45490                     | 21                     |
| Frequency (MHz) |            |         |           | 3710                     | 3750                        | 3790                      |                        |
| 20              | QPSK       | 1       | 0         | 20.56                    | 20.54                       | 20.33                     |                        |
| 20              | QPSK       | 1       | 49        | 20.54                    | 20.45                       | 20.22                     | 20                     |
| 20              | QPSK       | 1       | 99        | 20.34                    | 20.17                       | 19.99                     |                        |
| 20              | QPSK       | 50      | 0         | 19.47                    | 19.44                       | 19.25                     |                        |
| 20              | QPSK       | 50      | 24        | 19.44                    | 19.38                       | 19.18                     | 20                     |
| 20              | QPSK       | 50      | 50        | 19.46                    | 19.37                       | 19.16                     |                        |
| 20              | QPSK       | 100     | 0         | 19.41                    | 19.38                       | 19.14                     |                        |
| 20              | 16QAM      | 1       | 0         | 19.61                    | 19.57                       | 19.42                     | 20                     |
| 20              | 16QAM      | 1       | 49        | 19.61                    | 19.53                       | 19.28                     |                        |
| 20              | 16QAM      | 1       | 99        | 19.39                    | 19.16                       | 19.05                     |                        |
| 20              | 16QAM      | 50      | 0         | 18.50                    | 18.46                       | 18.27                     | 19                     |
| 20              | 16QAM      | 50      | 24        | 18.43                    | 18.38                       | 18.21                     |                        |
| 20              | 16QAM      | 50      | 50        | 18.43                    | 18.35                       | 18.18                     |                        |
| 20              | 16QAM      | 100     | 0         | 18.46                    | 18.35                       | 18.19                     | 19                     |
| 20              | 64QAM      | 1       | 0         | 18.51                    | 18.49                       | 18.30                     |                        |
| 20              | 64QAM      | 1       | 49        | 18.47                    | 18.37                       | 18.15                     |                        |
| 20              | 64QAM      | 1       | 99        | 18.23                    | 18.08                       | 17.94                     | 18                     |
| 20              | 64QAM      | 50      | 0         | 17.50                    | 17.43                       | 17.27                     |                        |
| 20              | 64QAM      | 50      | 24        | 17.45                    | 17.38                       | 17.19                     |                        |
| 20              | 64QAM      | 50      | 50        | 17.46                    | 17.36                       | 17.19                     | 16                     |
| 20              | 64QAM      | 100     | 0         | 17.41                    | 17.39                       | 17.16                     |                        |
| 20              | 256QAM     | 1       | 0         | 15.21                    | 15.20                       | 15.02                     |                        |
| 20              | 256QAM     | 1       | 49        | 15.22                    | 15.12                       | 14.92                     | 16                     |
| 20              | 256QAM     | 1       | 99        | 15.19                    | 15.08                       | 14.96                     |                        |
| 20              | 256QAM     | 50      | 0         | 15.29                    | 15.18                       | 15.02                     |                        |
| 20              | 256QAM     | 50      | 24        | 15.21                    | 15.10                       | 14.96                     | 16                     |
| 20              | 256QAM     | 50      | 50        | 15.18                    | 15.11                       | 14.96                     |                        |
| 20              | 256QAM     | 100     | 0         | 15.18                    | 15.13                       | 14.87                     |                        |
| Channel         |            |         |           | 44665                    | 45090                       | 45515                     | 21                     |
| Frequency (MHz) |            |         |           | 3707.5                   | 3750                        | 3792.5                    |                        |
| 15              | QPSK       | 1       | 0         | 20.36                    | 20.43                       | 20.13                     |                        |
| 15              | QPSK       | 1       | 37        | 20.43                    | 20.35                       | 20.07                     | 20                     |
| 15              | QPSK       | 1       | 74        | 20.16                    | 20.05                       | 19.79                     |                        |
| 15              | QPSK       | 36      | 0         | 19.27                    | 19.32                       | 19.15                     |                        |
| 15              | QPSK       | 36      | 20        | 19.34                    | 19.21                       | 19.00                     | 20                     |
| 15              | QPSK       | 36      | 39        | 19.28                    | 19.17                       | 18.99                     |                        |
| 15              | QPSK       | 75      | 0         | 19.31                    | 19.18                       | 18.98                     |                        |
| 15              | 16QAM      | 1       | 0         | 19.51                    | 19.40                       | 19.23                     | 20                     |
| 15              | 16QAM      | 1       | 37        | 19.42                    | 19.33                       | 19.10                     |                        |
| 15              | 16QAM      | 1       | 74        | 19.19                    | 19.01                       | 18.87                     |                        |
| 15              | 16QAM      | 36      | 0         | 18.40                    | 18.27                       | 18.13                     | 19                     |
| 15              | 16QAM      | 36      | 20        | 18.29                    | 18.27                       | 18.07                     |                        |
| 15              | 16QAM      | 36      | 39        | 18.33                    | 18.20                       | 18.06                     |                        |
| 15              | 16QAM      | 75      | 0         | 18.31                    | 18.17                       | 18.01                     | 19                     |
| 15              | 64QAM      | 1       | 0         | 18.40                    | 18.29                       | 18.13                     |                        |
| 15              | 64QAM      | 1       | 37        | 18.36                    | 18.25                       | 18.00                     |                        |
| 15              | 64QAM      | 1       | 74        | 18.03                    | 17.94                       | 17.83                     | 18                     |
| 15              | 64QAM      | 36      | 0         | 17.39                    | 17.24                       | 17.15                     |                        |
| 15              | 64QAM      | 36      | 20        | 17.35                    | 17.18                       | 16.99                     |                        |
| 15              | 64QAM      | 36      | 39        | 17.34                    | 17.20                       | 17.00                     | 16                     |
| 15              | 64QAM      | 75      | 0         | 17.29                    | 17.28                       | 17.04                     |                        |
| 15              | 256QAM     | 1       | 0         | 15.11                    | 15.00                       | 14.86                     |                        |
| 15              | 256QAM     | 1       | 37        | 15.05                    | 14.93                       | 14.82                     | 16                     |
| 15              | 256QAM     | 1       | 74        | 14.99                    | 14.95                       | 14.79                     |                        |
| 15              | 256QAM     | 36      | 0         | 15.15                    | 15.03                       | 14.86                     |                        |
| 15              | 256QAM     | 36      | 20        | 15.09                    | 14.91                       | 14.85                     | 16                     |



# FCC SAR TEST REPORT

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|                 |        |    |    |        |       |        |                        |
|-----------------|--------|----|----|--------|-------|--------|------------------------|
| 15              | 256QAM | 36 | 39 | 15.00  | 14.96 | 14.76  | Tune-up limit<br>(dBm) |
| 15              | 256QAM | 75 | 0  | 15.06  | 14.93 | 14.73  |                        |
| Channel         |        |    |    | 44640  | 45090 | 45540  |                        |
| Frequency (MHz) |        |    |    | 3705   | 3750  | 3795   | 21                     |
| 10              | QPSK   | 1  | 0  | 20.37  | 20.41 | 20.13  |                        |
| 10              | QPSK   | 1  | 25 | 20.44  | 20.35 | 20.07  |                        |
| 10              | QPSK   | 1  | 49 | 20.17  | 20.00 | 19.86  | 20                     |
| 10              | QPSK   | 25 | 0  | 19.37  | 19.31 | 19.11  |                        |
| 10              | QPSK   | 25 | 12 | 19.27  | 19.19 | 18.98  |                        |
| 10              | QPSK   | 25 | 25 | 19.28  | 19.17 | 19.03  | 20                     |
| 10              | QPSK   | 50 | 0  | 19.31  | 19.18 | 18.99  |                        |
| 10              | 16QAM  | 1  | 0  | 19.44  | 19.44 | 19.25  |                        |
| 10              | 16QAM  | 1  | 25 | 19.48  | 19.40 | 19.15  | 19                     |
| 10              | 16QAM  | 1  | 49 | 19.23  | 19.02 | 18.87  |                        |
| 10              | 16QAM  | 25 | 0  | 18.40  | 18.34 | 18.16  |                        |
| 10              | 16QAM  | 25 | 12 | 18.27  | 18.20 | 18.04  | 19                     |
| 10              | 16QAM  | 25 | 25 | 18.27  | 18.21 | 17.99  |                        |
| 10              | 16QAM  | 50 | 0  | 18.26  | 18.16 | 17.99  |                        |
| 10              | 64QAM  | 1  | 0  | 18.32  | 18.36 | 18.20  | 19                     |
| 10              | 64QAM  | 1  | 25 | 18.28  | 18.17 | 17.99  |                        |
| 10              | 64QAM  | 1  | 49 | 18.09  | 17.88 | 17.83  |                        |
| 10              | 64QAM  | 25 | 0  | 17.35  | 17.27 | 17.13  | 18                     |
| 10              | 64QAM  | 25 | 12 | 17.29  | 17.22 | 17.04  |                        |
| 10              | 64QAM  | 25 | 25 | 17.33  | 17.18 | 16.99  |                        |
| 10              | 64QAM  | 50 | 0  | 17.29  | 17.22 | 17.04  | 16                     |
| 10              | 256QAM | 1  | 0  | 15.11  | 15.05 | 14.89  |                        |
| 10              | 256QAM | 1  | 25 | 15.11  | 14.99 | 14.80  |                        |
| 10              | 256QAM | 1  | 49 | 15.01  | 14.97 | 14.77  | 16                     |
| 10              | 256QAM | 25 | 0  | 15.10  | 15.05 | 14.85  |                        |
| 10              | 256QAM | 25 | 12 | 15.09  | 14.94 | 14.76  |                        |
| 10              | 256QAM | 25 | 25 | 15.04  | 14.95 | 14.80  | Tune-up limit<br>(dBm) |
| 10              | 256QAM | 50 | 0  | 14.98  | 15.01 | 14.75  |                        |
| Channel         |        |    |    | 44615  | 45090 | 45565  |                        |
| Frequency (MHz) |        |    |    | 3702.5 | 3750  | 3797.5 | 21                     |
| 5               | QPSK   | 1  | 0  | 20.41  | 20.34 | 20.22  |                        |
| 5               | QPSK   | 1  | 12 | 20.36  | 20.25 | 20.05  |                        |
| 5               | QPSK   | 1  | 24 | 20.18  | 20.07 | 19.88  | 20                     |
| 5               | QPSK   | 12 | 0  | 19.33  | 19.28 | 19.14  |                        |
| 5               | QPSK   | 12 | 7  | 19.26  | 19.23 | 19.08  |                        |
| 5               | QPSK   | 12 | 13 | 19.27  | 19.18 | 19.01  | 20                     |
| 5               | QPSK   | 25 | 0  | 19.22  | 19.28 | 19.01  |                        |
| 5               | 16QAM  | 1  | 0  | 19.51  | 19.42 | 19.27  |                        |
| 5               | 16QAM  | 1  | 12 | 19.47  | 19.43 | 19.16  | 19                     |
| 5               | 16QAM  | 1  | 24 | 19.23  | 19.05 | 18.89  |                        |
| 5               | 16QAM  | 12 | 0  | 18.33  | 18.32 | 18.13  |                        |
| 5               | 16QAM  | 12 | 7  | 18.31  | 18.22 | 18.04  | 19                     |
| 5               | 16QAM  | 12 | 13 | 18.25  | 18.24 | 18.00  |                        |
| 5               | 16QAM  | 25 | 0  | 18.33  | 18.22 | 18.07  |                        |
| 5               | 64QAM  | 1  | 0  | 18.37  | 18.37 | 18.20  | 19                     |
| 5               | 64QAM  | 1  | 12 | 18.31  | 18.22 | 18.04  |                        |
| 5               | 64QAM  | 1  | 24 | 18.05  | 17.94 | 17.80  |                        |
| 5               | 64QAM  | 12 | 0  | 17.32  | 17.25 | 17.17  | 18                     |
| 5               | 64QAM  | 12 | 7  | 17.35  | 17.27 | 16.99  |                        |
| 5               | 64QAM  | 12 | 13 | 17.34  | 17.23 | 17.01  |                        |
| 5               | 64QAM  | 25 | 0  | 17.25  | 17.29 | 16.97  | 16                     |
| 5               | 256QAM | 1  | 0  | 15.08  | 15.02 | 14.82  |                        |
| 5               | 256QAM | 1  | 12 | 15.03  | 14.96 | 14.76  |                        |
| 5               | 256QAM | 1  | 24 | 15.03  | 14.92 | 14.80  | 16                     |
| 5               | 256QAM | 12 | 0  | 15.18  | 15.05 | 14.82  |                        |
| 5               | 256QAM | 12 | 7  | 15.02  | 14.92 | 14.77  |                        |
| 5               | 256QAM | 12 | 13 | 15.00  | 14.96 | 14.81  | 16                     |
| 5               | 256QAM | 25 | 0  | 15.05  | 14.93 | 14.73  |                        |



<FR1 n2\_Ant 1\_DSI 0>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 372000                | 376000                   | 380000                 |                     |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.28                 | 25.29                    | 24.96                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 25.06                 | 25.09                    | 24.75                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.82                 | 24.90                    | 24.51                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 25.07                 | 25.10                    | 24.67                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.97                 | 25.06                    | 24.66                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.97                 | 25.05                    | 24.70                  | 25.7                |
| 20              | PI/2 BPSK  | 100     | 0         | 24.99                 | 25.10                    | 24.71                  |                     |
| 20              | QPSK       | 1       | 1         | 25.18                 | 25.25                    | 24.89                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.99                 | 25.08                    | 24.75                  |                     |
| 20              | QPSK       | 1       | 104       | 24.91                 | 24.92                    | 24.57                  |                     |
| 20              | QPSK       | 50      | 0         | 24.73                 | 24.82                    | 24.41                  | 25.7                |
| 20              | QPSK       | 50      | 28        | 24.96                 | 25.03                    | 24.62                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 24.73                 | 24.75                    | 24.32                  | 25.7                |
| 20              | QPSK       | 100     | 0         | 24.77                 | 24.78                    | 24.39                  |                     |
| 20              | 16QAM      | 1       | 1         | 24.92                 | 25.03                    | 24.60                  | 25.2                |
| 20              | 64QAM      | 1       | 1         | 23.54                 | 23.63                    | 23.27                  | 24.2                |
| 20              | 256QAM     | 1       | 1         | 21.48                 | 21.56                    | 21.20                  | 22.2                |
| Channel         |            |         |           | 371500                | 376000                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880                     | 1902.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.25                 | 25.21                    | 24.86                  | 25.7                |
| Channel         |            |         |           | 371000                | 376000                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1880                     | 1905                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.27                 | 25.19                    | 24.94                  | 25.7                |
| Channel         |            |         |           | 370500                | 376000                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880                     | 1907.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.24                    | 24.93                  | 25.7                |



<FR1 n2\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 372000                   | 376000                      | 380000                    |                        |
| Frequency (MHz) |            |         |           | 1860                     | 1880                        | 1900                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 23.83                    | 23.82                       | 23.46                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 23.50                    | 23.56                       | 23.51                     | 23.9                   |
| 20              | PI/2 BPSK  | 1       | 104       | 23.31                    | 23.38                       | 23.29                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 23.64                    | 23.57                       | 23.57                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 23.45                    | 23.52                       | 23.44                     | 23.9                   |
| 20              | PI/2 BPSK  | 50      | 56        | 23.44                    | 23.53                       | 23.47                     | 23.9                   |
| 20              | PI/2 BPSK  | 100     | 0         | 23.46                    | 23.55                       | 23.46                     |                        |
| 20              | QPSK       | 1       | 1         | 23.62                    | 23.68                       | 23.60                     |                        |
| 20              | QPSK       | 1       | 53        | 23.41                    | 23.49                       | 23.39                     | 23.9                   |
| 20              | QPSK       | 1       | 104       | 23.30                    | 23.40                       | 23.32                     |                        |
| 20              | QPSK       | 50      | 0         | 23.54                    | 23.63                       | 23.56                     |                        |
| 20              | QPSK       | 50      | 28        | 23.44                    | 23.52                       | 23.46                     | 23.9                   |
| 20              | QPSK       | 50      | 56        | 23.38                    | 23.48                       | 23.39                     | 23.9                   |
| 20              | QPSK       | 100     | 0         | 23.43                    | 23.50                       | 23.44                     |                        |
| 20              | 16QAM      | 1       | 1         | 23.71                    | 23.79                       | 23.74                     |                        |
| 20              | 64QAM      | 1       | 1         | 23.15                    | 23.23                       | 23.13                     | 23.9                   |
| 20              | 256QAM     | 1       | 1         | 21.19                    | 21.28                       | 21.18                     | 22.2                   |
| Channel         |            |         |           | 371500                   | 376000                      | 380500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1857.5                   | 1880                        | 1902.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 23.68                    | 23.65                       | 23.36                     |                        |
| Channel         |            |         |           | 371000                   | 376000                      | 381000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1855                     | 1880                        | 1905                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 23.69                    | 23.68                       | 23.26                     |                        |
| Channel         |            |         |           | 370500                   | 376000                      | 381500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1852.5                   | 1880                        | 1907.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 23.62                    | 23.73                       | 23.33                     |                        |



<FR1 n2\_Ant 1\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 372000                | 376000                   | 380000                 |                     |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.32                    | 20.97                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 21.19                 | 21.12                    | 20.84                  | 21.6                |
| 20              | PI/2 BPSK  | 1       | 104       | 21.17                 | 21.14                    | 20.83                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 21.26                 | 21.15                    | 20.80                  | 21.6                |
| 20              | PI/2 BPSK  | 50      | 28        | 21.18                 | 21.14                    | 20.87                  | 21.6                |
| 20              | PI/2 BPSK  | 50      | 56        | 21.24                 | 21.18                    | 20.82                  | 21.6                |
| 20              | PI/2 BPSK  | 100     | 0         | 21.25                 | 21.15                    | 20.90                  |                     |
| 20              | QPSK       | 1       | 1         | 21.18                 | 21.30                    | 20.85                  | 21.6                |
| 20              | QPSK       | 1       | 53        | 21.24                 | 21.12                    | 20.82                  |                     |
| 20              | QPSK       | 1       | 104       | 21.21                 | 21.15                    | 20.85                  |                     |
| 20              | QPSK       | 50      | 0         | 21.24                 | 21.16                    | 20.78                  | 21.6                |
| 20              | QPSK       | 50      | 28        | 21.20                 | 21.07                    | 20.88                  | 21.6                |
| 20              | QPSK       | 50      | 56        | 21.19                 | 21.16                    | 20.90                  | 21.6                |
| 20              | QPSK       | 100     | 0         | 21.22                 | 21.08                    | 20.83                  |                     |
| 20              | 16QAM      | 1       | 1         | 21.11                 | 21.14                    | 21.11                  | 21.6                |
| 20              | 64QAM      | 1       | 1         | 21.10                 | 21.15                    | 21.10                  | 21.6                |
| 20              | 256QAM     | 1       | 1         | 21.02                 | 21.03                    | 21.03                  | 21.6                |
| Channel         |            |         |           | 371500                | 376000                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880                     | 1902.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.14                    | 20.83                  | 21.6                |
| Channel         |            |         |           | 371000                | 376000                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1880                     | 1905                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.18                    | 20.82                  | 21.6                |
| Channel         |            |         |           | 370500                | 376000                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880                     | 1907.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.29                 | 21.12                    | 20.78                  | 21.6                |



<FR1 n2\_Ant 1\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 372000                | 376000                   | 380000                 |                     |
| Frequency (MHz) |            |         |           | 1860                  | 1880                     | 1900                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.32                    | 20.97                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 21.19                 | 21.12                    | 20.84                  | 21.5                |
| 20              | PI/2 BPSK  | 1       | 104       | 21.17                 | 21.14                    | 20.83                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 21.26                 | 21.15                    | 20.80                  | 21.5                |
| 20              | PI/2 BPSK  | 50      | 28        | 21.18                 | 21.14                    | 20.87                  | 21.5                |
| 20              | PI/2 BPSK  | 50      | 56        | 21.24                 | 21.18                    | 20.82                  | 21.5                |
| 20              | PI/2 BPSK  | 100     | 0         | 21.25                 | 21.15                    | 20.90                  |                     |
| 20              | QPSK       | 1       | 1         | 21.18                 | 21.30                    | 20.85                  | 21.5                |
| 20              | QPSK       | 1       | 53        | 21.24                 | 21.12                    | 20.82                  |                     |
| 20              | QPSK       | 1       | 104       | 21.21                 | 21.15                    | 20.85                  |                     |
| 20              | QPSK       | 50      | 0         | 21.24                 | 21.16                    | 20.78                  | 21.5                |
| 20              | QPSK       | 50      | 28        | 21.20                 | 21.07                    | 20.88                  | 21.5                |
| 20              | QPSK       | 50      | 56        | 21.19                 | 21.16                    | 20.90                  | 21.5                |
| 20              | QPSK       | 100     | 0         | 21.22                 | 21.08                    | 20.83                  |                     |
| 20              | 16QAM      | 1       | 1         | 21.11                 | 21.14                    | 21.11                  | 21.5                |
| 20              | 64QAM      | 1       | 1         | 21.10                 | 21.15                    | 21.10                  | 21.5                |
| 20              | 256QAM     | 1       | 1         | 21.02                 | 21.03                    | 21.03                  | 21.5                |
| Channel         |            |         |           | 371500                | 376000                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1880                     | 1902.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.14                    | 20.83                  | 21.5                |
| Channel         |            |         |           | 371000                | 376000                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1880                     | 1905                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.18                    | 20.82                  | 21.5                |
| Channel         |            |         |           | 370500                | 376000                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1880                     | 1907.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.29                 | 21.12                    | 20.78                  | 21.5                |



<FR1 n5\_Ant 1\_DSI 0>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    |                        |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.35                    | 25.36                       | 25.26                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.95                    | 25.04                       | 24.91                     | 25.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 25.06                    | 25.10                       | 24.96                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 25.07                    | 25.17                       | 25.02                     | 25.7                   |
| 20              | PI/2 BPSK  | 50      | 28        | 24.94                    | 25.00                       | 24.89                     | 25.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.97                    | 25.02                       | 24.92                     | 25.7                   |
| 20              | PI/2 BPSK  | 100     | 0         | 25.05                    | 25.14                       | 24.95                     |                        |
| 20              | QPSK       | 1       | 1         | 25.30                    | 25.33                       | 25.14                     | 25.7                   |
| 20              | QPSK       | 1       | 53        | 24.98                    | 25.03                       | 24.83                     |                        |
| 20              | QPSK       | 1       | 104       | 25.05                    | 25.13                       | 24.94                     |                        |
| 20              | QPSK       | 50      | 0         | 24.78                    | 24.88                       | 24.73                     | 25.7                   |
| 20              | QPSK       | 50      | 28        | 25.00                    | 25.06                       | 24.96                     | 25.7                   |
| 20              | QPSK       | 50      | 56        | 24.67                    | 24.72                       | 24.59                     | 25.7                   |
| 20              | QPSK       | 100     | 0         | 24.80                    | 24.87                       | 24.77                     |                        |
| 20              | 16QAM      | 1       | 1         | 25.16                    | 25.17                       | 25.02                     | 25.2                   |
| 20              | 64QAM      | 1       | 1         | 23.69                    | 23.75                       | 23.63                     | 24.2                   |
| 20              | 256QAM     | 1       | 1         | 21.65                    | 21.73                       | 21.63                     | 22.2                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.35                       | 25.21                     | 25.7                   |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.24                    | 25.31                       | 25.16                     | 25.7                   |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 25.28                    | 25.26                       | 25.15                     | 25.7                   |



<FR1 n5\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    |                        |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.35                    | 25.36                       | 25.26                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.95                    | 25.04                       | 24.91                     | 25.7                   |
| 20              | PI/2 BPSK  | 1       | 104       | 25.06                    | 25.10                       | 24.96                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 25.07                    | 25.17                       | 25.02                     | 25.7                   |
| 20              | PI/2 BPSK  | 50      | 28        | 24.94                    | 25.00                       | 24.89                     | 25.7                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.97                    | 25.02                       | 24.92                     | 25.7                   |
| 20              | PI/2 BPSK  | 100     | 0         | 25.05                    | 25.14                       | 24.95                     |                        |
| 20              | QPSK       | 1       | 1         | 25.30                    | 25.33                       | 25.14                     | 25.7                   |
| 20              | QPSK       | 1       | 53        | 24.98                    | 25.03                       | 24.83                     |                        |
| 20              | QPSK       | 1       | 104       | 25.05                    | 25.13                       | 24.94                     |                        |
| 20              | QPSK       | 50      | 0         | 24.78                    | 24.88                       | 24.73                     | 25.7                   |
| 20              | QPSK       | 50      | 28        | 25.00                    | 25.06                       | 24.96                     | 25.7                   |
| 20              | QPSK       | 50      | 56        | 24.67                    | 24.72                       | 24.59                     | 25.7                   |
| 20              | QPSK       | 100     | 0         | 24.80                    | 24.87                       | 24.77                     |                        |
| 20              | 16QAM      | 1       | 1         | 25.16                    | 25.17                       | 25.02                     | 25.2                   |
| 20              | 64QAM      | 1       | 1         | 23.69                    | 23.75                       | 23.63                     | 24.2                   |
| 20              | 256QAM     | 1       | 1         | 21.65                    | 21.73                       | 21.63                     | 22.2                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.32                    | 25.35                       | 25.21                     | 25.7                   |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.24                    | 25.31                       | 25.16                     | 25.7                   |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 25.28                    | 25.26                       | 25.15                     | 25.7                   |



<FR1 n5\_Ant 1\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    |                        |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.90                    | 22.05                       | 21.75                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 21.84                    | 21.92                       | 21.82                     | 22.5                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.84                    | 21.88                       | 21.73                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.75                    | 21.92                       | 21.54                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.72                    | 21.89                       | 21.59                     | 22.5                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.79                    | 21.89                       | 21.66                     | 22.5                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.65                    | 21.78                       | 21.58                     |                        |
| 20              | QPSK       | 1       | 1         | 21.88                    | 21.92                       | 21.77                     |                        |
| 20              | QPSK       | 1       | 53        | 21.83                    | 21.93                       | 21.73                     | 22.5                   |
| 20              | QPSK       | 1       | 104       | 21.87                    | 21.94                       | 21.81                     |                        |
| 20              | QPSK       | 50      | 0         | 21.73                    | 21.81                       | 21.60                     |                        |
| 20              | QPSK       | 50      | 28        | 21.78                    | 21.90                       | 21.73                     | 22.5                   |
| 20              | QPSK       | 50      | 56        | 21.91                    | 21.99                       | 21.74                     | 22.5                   |
| 20              | QPSK       | 100     | 0         | 21.63                    | 21.71                       | 21.55                     |                        |
| 20              | 16QAM      | 1       | 1         | 21.86                    | 21.92                       | 21.78                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.83                    | 21.97                       | 21.71                     | 22.5                   |
| 20              | 256QAM     | 1       | 1         | 20.51                    | 20.64                       | 20.64                     | 21.5                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.79                    | 21.89                       | 21.63                     |                        |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.75                    | 21.93                       | 21.65                     |                        |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.94                       | 21.61                     |                        |



<FR1 n5\_Ant 1\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 166800                   | 167300                      | 167800                    | 22.5                   |
| Frequency (MHz) |            |         |           | 834                      | 836.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.90                    | 22.05                       | 21.75                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 21.84                    | 21.92                       | 21.82                     | 22.5                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.84                    | 21.88                       | 21.73                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.75                    | 21.92                       | 21.54                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.72                    | 21.89                       | 21.59                     | 22.5                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.79                    | 21.89                       | 21.66                     | 22.5                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.65                    | 21.78                       | 21.58                     |                        |
| 20              | QPSK       | 1       | 1         | 21.88                    | 21.92                       | 21.77                     |                        |
| 20              | QPSK       | 1       | 53        | 21.83                    | 21.93                       | 21.73                     | 22.5                   |
| 20              | QPSK       | 1       | 104       | 21.87                    | 21.94                       | 21.81                     |                        |
| 20              | QPSK       | 50      | 0         | 21.73                    | 21.81                       | 21.60                     |                        |
| 20              | QPSK       | 50      | 28        | 21.78                    | 21.90                       | 21.73                     | 22.5                   |
| 20              | QPSK       | 50      | 56        | 21.91                    | 21.99                       | 21.74                     | 22.5                   |
| 20              | QPSK       | 100     | 0         | 21.63                    | 21.71                       | 21.55                     |                        |
| 20              | 16QAM      | 1       | 1         | 21.86                    | 21.92                       | 21.78                     |                        |
| 20              | 64QAM      | 1       | 1         | 21.83                    | 21.97                       | 21.71                     | 22.5                   |
| 20              | 256QAM     | 1       | 1         | 20.51                    | 20.64                       | 20.64                     | 21.5                   |
| Channel         |            |         |           | 166300                   | 167300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 831.5                    | 836.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.79                    | 21.89                       | 21.63                     |                        |
| Channel         |            |         |           | 165800                   | 167300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 829                      | 836.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.75                    | 21.93                       | 21.65                     |                        |
| Channel         |            |         |           | 165300                   | 167300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 826.5                    | 836.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.94                       | 21.61                     |                        |



<FR1 n7\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.49                    | 25.45                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 25.14                 | 25.27                    | 25.21                  | 25.7                |
| 40              | PI/2 BPSK  | 1       | 214       | 25.08                 | 25.23                    | 25.11                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 25.06                 | 25.18                    | 25.04                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 24.97                 | 25.10                    | 25.03                  | 25.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 25.00                 | 25.12                    | 25.02                  |                     |
| 40              | PI/2 BPSK  | 216     | 0         | 25.10                 | 25.15                    | 25.10                  |                     |
| 40              | QPSK       | 1       | 1         | 25.19                 | 25.26                    | 25.21                  | 25.7                |
| 40              | QPSK       | 1       | 108       | 25.23                 | 25.28                    | 25.20                  |                     |
| 40              | QPSK       | 1       | 214       | 25.17                 | 25.24                    | 25.17                  |                     |
| 40              | QPSK       | 108     | 0         | 24.70                 | 24.85                    | 24.71                  | 25.7                |
| 40              | QPSK       | 108     | 54        | 25.04                 | 25.15                    | 25.10                  |                     |
| 40              | QPSK       | 108     | 108       | 24.75                 | 24.89                    | 24.83                  |                     |
| 40              | QPSK       | 216     | 0         | 24.82                 | 24.90                    | 24.77                  | 25.2                |
| 40              | 16QAM      | 1       | 1         | 25.01                 | 25.07                    | 24.96                  |                     |
| 40              | 64QAM      | 1       | 1         | 23.55                 | 23.64                    | 23.55                  |                     |
| 40              | 256QAM     | 1       | 1         | 21.49                 | 21.55                    | 21.48                  | 22.2                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.21                    | 25.23                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 25.7                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.23                    | 25.14                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.22                 | 25.25                    | 25.15                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 25.7                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.18                 | 25.19                    | 25.15                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.20                 | 25.26                    | 25.19                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 25.7                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 25.16                 | 25.19                    | 25.14                  |                     |



<FR1 n7\_Ant 5\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 22.5                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.17                 | 22.20                    | 22.15                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 22.07                 | 22.15                    | 22.12                  | 22.5                |
| 40              | PI/2 BPSK  | 1       | 214       | 22.08                 | 22.10                    | 22.01                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.06                 | 22.09                    | 21.97                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 21.85                 | 22.03                    | 22.01                  | 22.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 22.04                 | 22.04                    | 21.99                  | 22.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.86                 | 22.08                    | 21.97                  |                     |
| 40              | QPSK       | 1       | 1         | 22.03                 | 22.12                    | 22.15                  |                     |
| 40              | QPSK       | 1       | 108       | 22.10                 | 22.13                    | 22.01                  | 22.5                |
| 40              | QPSK       | 1       | 214       | 21.95                 | 22.11                    | 21.96                  |                     |
| 40              | QPSK       | 108     | 0         | 22.03                 | 22.01                    | 22.19                  |                     |
| 40              | QPSK       | 108     | 54        | 22.16                 | 22.08                    | 21.91                  | 22.5                |
| 40              | QPSK       | 108     | 108       | 21.89                 | 22.04                    | 21.96                  | 22.5                |
| 40              | QPSK       | 216     | 0         | 22.01                 | 22.12                    | 22.06                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.06                 | 22.10                    | 21.98                  |                     |
| 40              | 64QAM      | 1       | 1         | 22.14                 | 22.14                    | 22.12                  | 22.5                |
| 40              | 256QAM     | 1       | 1         | 21.47                 | 21.44                    | 21.44                  | 22.5                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 22.5                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.05                    | 21.98                  |                     |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 22.5                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.04                 | 22.03                    | 22.02                  |                     |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 22.5                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.98                 | 22.02                    | 21.97                  |                     |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 22.5                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.98                 | 22.09                    | 21.95                  |                     |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 22.5                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.98                 | 22.01                    | 21.95                  |                     |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 22.5                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.01                 | 22.05                    | 22.04                  |                     |



<FR1 n7\_Ant 5\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 504000                   | 507000                      | 510000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2520                     | 2535                        | 2550                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.17                    | 22.20                       | 22.15                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 22.07                    | 22.15                       | 22.12                     | 22.5                   |
| 40              | PI/2 BPSK  | 1       | 214       | 22.08                    | 22.10                       | 22.01                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 22.06                    | 22.09                       | 21.97                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 21.85                    | 22.03                       | 22.01                     | 22.5                   |
| 40              | PI/2 BPSK  | 108     | 108       | 22.04                    | 22.04                       | 21.99                     | 22.5                   |
| 40              | PI/2 BPSK  | 216     | 0         | 21.86                    | 22.08                       | 21.97                     |                        |
| 40              | QPSK       | 1       | 1         | 22.03                    | 22.12                       | 22.15                     |                        |
| 40              | QPSK       | 1       | 108       | 22.10                    | 22.13                       | 22.01                     | 22.5                   |
| 40              | QPSK       | 1       | 214       | 21.95                    | 22.11                       | 21.96                     |                        |
| 40              | QPSK       | 108     | 0         | 22.03                    | 22.01                       | 22.19                     |                        |
| 40              | QPSK       | 108     | 54        | 22.16                    | 22.08                       | 21.91                     | 22.5                   |
| 40              | QPSK       | 108     | 108       | 21.89                    | 22.04                       | 21.96                     | 22.5                   |
| 40              | QPSK       | 216     | 0         | 22.01                    | 22.12                       | 22.06                     |                        |
| 40              | 16QAM      | 1       | 1         | 22.06                    | 22.10                       | 21.98                     |                        |
| 40              | 64QAM      | 1       | 1         | 22.14                    | 22.14                       | 22.12                     | 22.5                   |
| 40              | 256QAM     | 1       | 1         | 21.47                    | 21.44                       | 21.44                     | 22.5                   |
| Channel         |            |         |           | 503000                   | 507000                      | 511000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2515                     | 2535                        | 2555                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.05                       | 21.98                     |                        |
| Channel         |            |         |           | 502500                   | 507000                      | 511500                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2512.5                   | 2535                        | 2557.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.04                    | 22.03                       | 22.02                     |                        |
| Channel         |            |         |           | 502000                   | 507000                      | 512000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2510                     | 2535                        | 2560                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.98                    | 22.02                       | 21.97                     |                        |
| Channel         |            |         |           | 501500                   | 507000                      | 512500                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2507.5                   | 2535                        | 2562.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.98                    | 22.09                       | 21.95                     |                        |
| Channel         |            |         |           | 501000                   | 507000                      | 513000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2505                     | 2535                        | 2565                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.98                    | 22.01                       | 21.95                     |                        |
| Channel         |            |         |           | 500500                   | 507000                      | 513500                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2502.5                   | 2535                        | 2567.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 22.01                    | 22.05                       | 22.04                     |                        |



### <FR1 n12\_Ant 1\_DSI 0>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.03                 | 25.08                    | 25.02                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 24.87                 | 24.98                    | 24.82                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 24.88                 | 24.99                    | 24.92                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 24.92                 | 24.97                    | 24.81                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 24.77                 | 24.90                    | 24.77                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 24.83                 | 24.95                    | 24.85                  | 25.7                |
| 15              | PI/2 BPSK  | 75      | 0         | 24.95                 | 25.00                    | 24.85                  |                     |
| 15              | QPSK       | 1       | 1         | 24.99                 | 25.04                    | 24.88                  |                     |
| 15              | QPSK       | 1       | 40        | 24.97                 | 25.02                    | 24.87                  | 25.7                |
| 15              | QPSK       | 1       | 77        | 24.93                 | 25.01                    | 24.92                  |                     |
| 15              | QPSK       | 36      | 0         | 24.57                 | 24.62                    | 24.49                  |                     |
| 15              | QPSK       | 36      | 22        | 24.80                 | 24.91                    | 24.83                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 24.59                 | 24.70                    | 24.61                  | 25.7                |
| 15              | QPSK       | 75      | 0         | 24.61                 | 24.68                    | 24.52                  |                     |
| 15              | 16QAM      | 1       | 1         | 24.77                 | 24.87                    | 24.74                  |                     |
| 15              | 64QAM      | 1       | 1         | 23.37                 | 23.43                    | 23.37                  | 24.2                |
|                 | 256QAM     | 1       | 1         | 21.29                 | 21.39                    | 21.30                  | 22.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.94                 | 25.05                    | 24.95                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.92                 | 25.06                    | 24.92                  |                     |

### <FR1 n12\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.03                 | 25.08                    | 25.02                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 24.87                 | 24.98                    | 24.82                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 24.88                 | 24.99                    | 24.92                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 24.92                 | 24.97                    | 24.81                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 24.77                 | 24.90                    | 24.77                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 24.83                 | 24.95                    | 24.85                  | 25.7                |
| 15              | PI/2 BPSK  | 75      | 0         | 24.95                 | 25.00                    | 24.85                  |                     |
| 15              | QPSK       | 1       | 1         | 24.99                 | 25.04                    | 24.88                  |                     |
| 15              | QPSK       | 1       | 40        | 24.97                 | 25.02                    | 24.87                  | 25.7                |
| 15              | QPSK       | 1       | 77        | 24.93                 | 25.01                    | 24.92                  |                     |
| 15              | QPSK       | 36      | 0         | 24.57                 | 24.62                    | 24.49                  |                     |
| 15              | QPSK       | 36      | 22        | 24.80                 | 24.91                    | 24.83                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 24.59                 | 24.70                    | 24.61                  | 25.7                |
| 15              | QPSK       | 75      | 0         | 24.61                 | 24.68                    | 24.52                  |                     |
| 15              | 16QAM      | 1       | 1         | 24.77                 | 24.87                    | 24.74                  |                     |
| 15              | 64QAM      | 1       | 1         | 23.37                 | 23.43                    | 23.37                  | 24.2                |
|                 | 256QAM     | 1       | 1         | 21.29                 | 21.39                    | 21.30                  | 22.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.94                 | 25.05                    | 24.95                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.92                 | 25.06                    | 24.92                  |                     |

**<FR1 n12\_Ant 1\_DSI 1 (WLAN ON)>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.03                 | 25.08                    | 25.02                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 24.87                 | 24.98                    | 24.82                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 24.88                 | 24.99                    | 24.92                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 24.92                 | 24.97                    | 24.81                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 24.77                 | 24.90                    | 24.77                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 24.83                 | 24.95                    | 24.85                  | 25.7                |
| 15              | PI/2 BPSK  | 75      | 0         | 24.95                 | 25.00                    | 24.85                  |                     |
| 15              | QPSK       | 1       | 1         | 24.99                 | 25.04                    | 24.88                  |                     |
| 15              | QPSK       | 1       | 40        | 24.97                 | 25.02                    | 24.87                  | 25.7                |
| 15              | QPSK       | 1       | 77        | 24.93                 | 25.01                    | 24.92                  |                     |
| 15              | QPSK       | 36      | 0         | 24.57                 | 24.62                    | 24.49                  |                     |
| 15              | QPSK       | 36      | 22        | 24.80                 | 24.91                    | 24.83                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 24.59                 | 24.70                    | 24.61                  | 25.7                |
| 15              | QPSK       | 75      | 0         | 24.61                 | 24.68                    | 24.52                  |                     |
| 15              | 16QAM      | 1       | 1         | 24.77                 | 24.87                    | 24.74                  |                     |
| 15              | 64QAM      | 1       | 1         | 23.37                 | 23.43                    | 23.37                  | 24.2                |
|                 | 256QAM     | 1       | 1         | 21.29                 | 21.39                    | 21.30                  | 22.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.94                 | 25.05                    | 24.95                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.92                 | 25.06                    | 24.92                  |                     |

**<FR1 n12\_Ant 1\_DSI 3>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.03                 | 25.08                    | 25.02                  |                     |
| 15              | PI/2 BPSK  | 1       | 40        | 24.87                 | 24.98                    | 24.82                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 77        | 24.88                 | 24.99                    | 24.92                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 24.92                 | 24.97                    | 24.81                  |                     |
| 15              | PI/2 BPSK  | 36      | 22        | 24.77                 | 24.90                    | 24.77                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 24.83                 | 24.95                    | 24.85                  | 25.7                |
| 15              | PI/2 BPSK  | 75      | 0         | 24.95                 | 25.00                    | 24.85                  |                     |
| 15              | QPSK       | 1       | 1         | 24.99                 | 25.04                    | 24.88                  |                     |
| 15              | QPSK       | 1       | 40        | 24.97                 | 25.02                    | 24.87                  | 25.7                |
| 15              | QPSK       | 1       | 77        | 24.93                 | 25.01                    | 24.92                  |                     |
| 15              | QPSK       | 36      | 0         | 24.57                 | 24.62                    | 24.49                  |                     |
| 15              | QPSK       | 36      | 22        | 24.80                 | 24.91                    | 24.83                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 24.59                 | 24.70                    | 24.61                  | 25.7                |
| 15              | QPSK       | 75      | 0         | 24.61                 | 24.68                    | 24.52                  |                     |
| 15              | 16QAM      | 1       | 1         | 24.77                 | 24.87                    | 24.74                  |                     |
| 15              | 64QAM      | 1       | 1         | 23.37                 | 23.43                    | 23.37                  | 24.2                |
|                 | 256QAM     | 1       | 1         | 21.29                 | 21.39                    | 21.30                  | 22.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.94                 | 25.05                    | 24.95                  |                     |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.92                 | 25.06                    | 24.92                  |                     |



<FR1 n26\_Ant 1\_DSI 0>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.89                    | 24.58                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.47                 | 24.51                    | 24.12                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.53                 | 24.61                    | 24.21                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.56                 | 24.67                    | 24.30                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.40                 | 24.54                    | 24.18                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.47                 | 24.57                    | 24.26                  | 25.7                |
| 20              | PI/2 BPSK  | 100     | 0         | 24.57                 | 24.67                    | 24.26                  |                     |
| 20              | QPSK       | 1       | 1         | 24.70                 | 24.79                    | 24.47                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.43                 | 24.54                    | 24.22                  |                     |
| 20              | QPSK       | 1       | 104       | 24.51                 | 24.62                    | 24.25                  |                     |
| 20              | QPSK       | 50      | 0         | 24.11                 | 24.19                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 28        | 24.45                 | 24.55                    | 24.24                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.97                 | 24.08                    | 23.78                  | 25.7                |
| 20              | QPSK       | 100     | 0         | 24.03                 | 24.13                    | 23.75                  |                     |
| 20              | 16QAM      | 1       | 1         | 24.30                 | 24.41                    | 24.10                  | 25.2                |
| 20              | 64QAM      | 1       | 1         | 22.84                 | 22.89                    | 22.56                  | 24.2                |
| 20              | 256QAM     | 1       | 1         | 20.88                 | 20.92                    | 20.61                  | 22.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.82                 | 24.88                    | 24.52                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.79                    | 24.50                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.84                    | 24.56                  | 25.7                |



<FR1 n26\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 25.7                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.89                    | 24.58                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.47                 | 24.51                    | 24.12                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.53                 | 24.61                    | 24.21                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.56                 | 24.67                    | 24.30                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.40                 | 24.54                    | 24.18                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.47                 | 24.57                    | 24.26                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 24.57                 | 24.67                    | 24.26                  |                     |
| 20              | QPSK       | 1       | 1         | 24.70                 | 24.79                    | 24.47                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.43                 | 24.54                    | 24.22                  |                     |
| 20              | QPSK       | 1       | 104       | 24.51                 | 24.62                    | 24.25                  |                     |
| 20              | QPSK       | 50      | 0         | 24.11                 | 24.19                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 28        | 24.45                 | 24.55                    | 24.24                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.97                 | 24.08                    | 23.78                  | 25.7                |
| 20              | QPSK       | 100     | 0         | 24.03                 | 24.13                    | 23.75                  |                     |
| 20              | 16QAM      | 1       | 1         | 24.30                 | 24.41                    | 24.10                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.84                 | 22.89                    | 22.56                  | 24.2                |
| 20              | 256QAM     | 1       | 1         | 20.88                 | 20.92                    | 20.61                  | 22.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.82                 | 24.88                    | 24.52                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.79                    | 24.50                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.84                    | 24.56                  | 25.7                |



<FR1 n26\_Ant 1\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 164800                   | 166300                      | 167800                    |                        |
| Frequency (MHz) |            |         |           | 824                      | 831.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.12                       | 21.90                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 22.01                    | 22.11                       | 21.91                     | 22.5                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.97                    | 22.09                       | 21.87                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.88                    | 22.04                       | 21.72                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.87                    | 21.96                       | 21.76                     | 22.5                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.91                    | 22.03                       | 21.79                     | 22.5                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.79                    | 21.87                       | 21.70                     |                        |
| 20              | QPSK       | 1       | 1         | 21.99                    | 22.06                       | 21.89                     |                        |
| 20              | QPSK       | 1       | 53        | 21.95                    | 22.03                       | 21.85                     | 22.5                   |
| 20              | QPSK       | 1       | 104       | 22.01                    | 22.11                       | 21.91                     |                        |
| 20              | QPSK       | 50      | 0         | 21.83                    | 21.90                       | 21.72                     |                        |
| 20              | QPSK       | 50      | 28        | 22.01                    | 22.04                       | 21.88                     | 22.5                   |
| 20              | QPSK       | 50      | 56        | 22.04                    | 22.07                       | 21.89                     | 22.5                   |
| 20              | QPSK       | 100     | 0         | 21.82                    | 21.90                       | 21.69                     |                        |
| 20              | 16QAM      | 1       | 1         | 22.03                    | 22.09                       | 21.89                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.00                    | 22.10                       | 21.90                     | 22.5                   |
| 20              | 256QAM     | 1       | 1         | 20.70                    | 20.76                       | 20.56                     | 21.5                   |
| Channel         |            |         |           | 164300                   | 166300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.99                       | 21.71                     | 22.5                   |
| Channel         |            |         |           | 163800                   | 166300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.89                    | 22.01                       | 21.80                     | 22.5                   |
| Channel         |            |         |           | 163300                   | 166300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 816.5                    | 831.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.93                    | 21.92                       | 21.72                     | 22.5                   |



<FR1 n26\_Ant 1\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 164800                   | 166300                      | 167800                    |                        |
| Frequency (MHz) |            |         |           | 824                      | 831.5                       | 839                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.12                       | 21.90                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 22.01                    | 22.11                       | 21.91                     | 22.5                   |
| 20              | PI/2 BPSK  | 1       | 104       | 21.97                    | 22.09                       | 21.87                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 21.88                    | 22.04                       | 21.72                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 21.87                    | 21.96                       | 21.76                     | 22.5                   |
| 20              | PI/2 BPSK  | 50      | 56        | 21.91                    | 22.03                       | 21.79                     | 22.5                   |
| 20              | PI/2 BPSK  | 100     | 0         | 21.79                    | 21.87                       | 21.70                     |                        |
| 20              | QPSK       | 1       | 1         | 21.99                    | 22.06                       | 21.89                     |                        |
| 20              | QPSK       | 1       | 53        | 21.95                    | 22.03                       | 21.85                     | 22.5                   |
| 20              | QPSK       | 1       | 104       | 22.01                    | 22.11                       | 21.91                     |                        |
| 20              | QPSK       | 50      | 0         | 21.83                    | 21.90                       | 21.72                     |                        |
| 20              | QPSK       | 50      | 28        | 22.01                    | 22.04                       | 21.88                     | 22.5                   |
| 20              | QPSK       | 50      | 56        | 22.04                    | 22.07                       | 21.89                     | 22.5                   |
| 20              | QPSK       | 100     | 0         | 21.82                    | 21.90                       | 21.69                     |                        |
| 20              | 16QAM      | 1       | 1         | 22.03                    | 22.09                       | 21.89                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.00                    | 22.10                       | 21.90                     | 22.5                   |
| 20              | 256QAM     | 1       | 1         | 20.70                    | 20.76                       | 20.56                     | 21.5                   |
| Channel         |            |         |           | 164300                   | 166300                      | 168300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 821.5                    | 831.5                       | 841.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.84                    | 21.99                       | 21.71                     |                        |
| Channel         |            |         |           | 163800                   | 166300                      | 168800                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 819                      | 831.5                       | 844                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.89                    | 22.01                       | 21.80                     |                        |
| Channel         |            |         |           | 163300                   | 166300                      | 169300                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 816.5                    | 831.5                       | 846.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 21.93                    | 21.92                       | 21.72                     |                        |



&lt;FR1 n66\_Ant 1\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.06                    | 25.11                       | 25.05                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 24.98                    | 25.04                       | 24.91                     | 25.7                   |
| 40              | PI/2 BPSK  | 1       | 214       | 25.02                    | 25.08                       | 25.00                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 25.02                    | 25.09                       | 24.96                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 24.94                    | 25.07                       | 24.96                     | 25.7                   |
| 40              | PI/2 BPSK  | 108     | 108       | 24.98                    | 25.07                       | 24.96                     | 25.7                   |
| 40              | PI/2 BPSK  | 216     | 0         | 25.00                    | 25.06                       | 24.97                     |                        |
| 40              | QPSK       | 1       | 1         | 24.93                    | 25.07                       | 25.00                     |                        |
| 40              | QPSK       | 1       | 108       | 25.03                    | 25.08                       | 25.01                     | 25.7                   |
| 40              | QPSK       | 1       | 214       | 24.98                    | 25.06                       | 24.98                     |                        |
| 40              | QPSK       | 108     | 0         | 24.79                    | 24.84                       | 24.71                     |                        |
| 40              | QPSK       | 108     | 54        | 25.02                    | 25.10                       | 25.04                     | 25.7                   |
| 40              | QPSK       | 108     | 108       | 24.72                    | 24.86                       | 24.77                     | 25.7                   |
| 40              | QPSK       | 216     | 0         | 24.78                    | 24.85                       | 24.73                     |                        |
| 40              | 16QAM      | 1       | 1         | 24.83                    | 24.96                       | 24.84                     |                        |
| 40              | 64QAM      | 1       | 1         | 23.50                    | 23.55                       | 23.45                     | 24.2                   |
| 40              | 256QAM     | 1       | 1         | 21.56                    | 21.62                       | 21.47                     | 22.2                   |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.95                    | 25.01                       | 24.95                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 25.04                    | 25.00                       | 24.96                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.06                       | 25.04                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.96                    | 25.08                       | 25.03                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.99                    | 25.03                       | 25.01                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 25.03                    | 25.05                       | 25.03                     |                        |



<FR1 n66\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 22.8                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.51                    | 22.34                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 22.11                 | 22.34                    | 22.25                  | 22.8                |
| 40              | PI/2 BPSK  | 1       | 214       | 22.29                 | 22.43                    | 22.29                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.23                 | 22.38                    | 22.29                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 22.27                 | 22.32                    | 22.16                  | 22.8                |
| 40              | PI/2 BPSK  | 108     | 108       | 22.24                 | 22.31                    | 22.26                  | 22.8                |
| 40              | PI/2 BPSK  | 216     | 0         | 22.27                 | 22.33                    | 22.25                  |                     |
| 40              | QPSK       | 1       | 1         | 22.29                 | 22.36                    | 22.17                  |                     |
| 40              | QPSK       | 1       | 108       | 22.18                 | 22.26                    | 22.20                  | 22.8                |
| 40              | QPSK       | 1       | 214       | 22.38                 | 22.44                    | 22.37                  |                     |
| 40              | QPSK       | 108     | 0         | 22.33                 | 22.40                    | 22.19                  |                     |
| 40              | QPSK       | 108     | 54        | 22.19                 | 22.33                    | 22.16                  | 22.8                |
| 40              | QPSK       | 108     | 108       | 22.29                 | 22.41                    | 22.29                  | 22.8                |
| 40              | QPSK       | 216     | 0         | 22.26                 | 22.33                    | 22.29                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.41                 | 22.44                    | 22.40                  |                     |
| 40              | 64QAM      | 1       | 1         | 22.19                 | 22.24                    | 22.12                  | 22.8                |
| 40              | 256QAM     | 1       | 1         | 20.25                 | 20.44                    | 20.36                  | 22.2                |
| Channel         |            |         |           | 345500                | 349000                   | 352500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1727.5                | 1745                     | 1762.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.36                    | 22.23                  |                     |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.37                    | 22.14                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.38                    | 22.16                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.33                    | 22.15                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.32                    | 22.20                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.30                    | 22.25                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.33                    | 22.26                  |                     |



&lt;FR1 n66\_Ant 1\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 346000                   | 349000                      | 352000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 1730                     | 1745                        | 1760                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.54                    | 19.58                       | 19.50                     |                        |
| 40              | PI/2 BPSK  | 1       | 108       | 19.44                    | 19.48                       | 19.42                     | 20.3                   |
| 40              | PI/2 BPSK  | 1       | 214       | 19.33                    | 19.36                       | 19.35                     |                        |
| 40              | PI/2 BPSK  | 108     | 0         | 19.40                    | 19.49                       | 19.39                     |                        |
| 40              | PI/2 BPSK  | 108     | 54        | 19.45                    | 19.42                       | 19.40                     | 20.3                   |
| 40              | PI/2 BPSK  | 108     | 108       | 19.36                    | 19.38                       | 19.41                     | 20.3                   |
| 40              | PI/2 BPSK  | 216     | 0         | 19.42                    | 19.45                       | 19.44                     |                        |
| 40              | QPSK       | 1       | 1         | 19.45                    | 19.50                       | 19.39                     |                        |
| 40              | QPSK       | 1       | 108       | 19.39                    | 19.41                       | 19.37                     | 20.3                   |
| 40              | QPSK       | 1       | 214       | 19.43                    | 19.38                       | 19.35                     |                        |
| 40              | QPSK       | 108     | 0         | 19.35                    | 19.40                       | 19.41                     |                        |
| 40              | QPSK       | 108     | 54        | 19.38                    | 19.46                       | 19.37                     | 20.3                   |
| 40              | QPSK       | 108     | 108       | 19.41                    | 19.45                       | 19.35                     | 20.3                   |
| 40              | QPSK       | 216     | 0         | 19.43                    | 19.45                       | 19.35                     |                        |
| 40              | 16QAM      | 1       | 1         | 19.40                    | 19.49                       | 19.32                     |                        |
| 40              | 64QAM      | 1       | 1         | 19.39                    | 19.37                       | 19.43                     | 20.3                   |
| 40              | 256QAM     | 1       | 1         | 19.41                    | 19.40                       | 19.40                     | 20.3                   |
| Channel         |            |         |           | 345500                   | 349000                      | 352500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1727.5                   | 1745                        | 1762.5                    |                        |
| 35              | PI/2 BPSK  | 1       | 1         | 19.36                    | 19.43                       | 19.32                     |                        |
| Channel         |            |         |           | 345000                   | 349000                      | 353000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1725                     | 1745                        | 1765                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.36                    | 19.38                       | 19.32                     |                        |
| Channel         |            |         |           | 344500                   | 349000                      | 353500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1722.5                   | 1745                        | 1767.5                    |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.41                    | 19.48                       | 19.38                     |                        |
| Channel         |            |         |           | 344000                   | 349000                      | 354000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1720                     | 1745                        | 1770                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.41                    | 19.44                       | 19.35                     |                        |
| Channel         |            |         |           | 343500                   | 349000                      | 354500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1717.5                   | 1745                        | 1772.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.50                    | 19.51                       | 19.49                     |                        |
| Channel         |            |         |           | 343000                   | 349000                      | 355000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1715                     | 1745                        | 1775                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.51                    | 19.45                       | 19.46                     |                        |
| Channel         |            |         |           | 342500                   | 349000                      | 355500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 1712.5                   | 1745                        | 1777.5                    |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 19.46                    | 19.48                       | 19.43                     |                        |



<FR1 n66\_Ant 1\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 20.3                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.58                    | 19.50                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 19.44                 | 19.48                    | 19.42                  | 20.3                |
| 40              | PI/2 BPSK  | 1       | 214       | 19.33                 | 19.36                    | 19.35                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.40                 | 19.49                    | 19.39                  |                     |
| 40              | PI/2 BPSK  | 108     | 54        | 19.45                 | 19.42                    | 19.40                  | 20.3                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.36                 | 19.38                    | 19.41                  | 20.3                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.42                 | 19.45                    | 19.44                  |                     |
| 40              | QPSK       | 1       | 1         | 19.45                 | 19.50                    | 19.39                  |                     |
| 40              | QPSK       | 1       | 108       | 19.39                 | 19.41                    | 19.37                  | 20.3                |
| 40              | QPSK       | 1       | 214       | 19.43                 | 19.38                    | 19.35                  |                     |
| 40              | QPSK       | 108     | 0         | 19.35                 | 19.40                    | 19.41                  |                     |
| 40              | QPSK       | 108     | 54        | 19.38                 | 19.46                    | 19.37                  | 20.3                |
| 40              | QPSK       | 108     | 108       | 19.41                 | 19.45                    | 19.35                  | 20.3                |
| 40              | QPSK       | 216     | 0         | 19.43                 | 19.45                    | 19.35                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.40                 | 19.49                    | 19.32                  |                     |
| 40              | 64QAM      | 1       | 1         | 19.39                 | 19.37                    | 19.43                  | 20.3                |
| 40              | 256QAM     | 1       | 1         | 19.41                 | 19.40                    | 19.40                  | 20.3                |
| Channel         |            |         |           | 345500                | 349000                   | 352500                 | 20.3                |
| Frequency (MHz) |            |         |           | 1727.5                | 1745                     | 1762.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 19.36                 | 19.43                    | 19.32                  |                     |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | 20.3                |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.36                 | 19.38                    | 19.32                  |                     |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | 20.3                |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.48                    | 19.38                  |                     |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | 20.3                |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.44                    | 19.35                  |                     |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | 20.3                |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.51                    | 19.49                  |                     |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | 20.3                |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.45                    | 19.46                  |                     |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | 20.3                |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.46                 | 19.48                    | 19.43                  |                     |



<FR1 n71\_Ant 1\_DSI 0>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                 | 24.25                    | 24.13                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.04                 | 24.12                    | 23.98                  | 25.0                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.04                 | 24.10                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                 | 24.12                    | 23.97                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.00                 | 24.08                    | 23.87                  | 25.0                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.01                 | 24.10                    | 23.88                  | 25.0                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.95                 | 23.99                    | 23.86                  |                     |
| 20              | QPSK       | 1       | 1         | 24.12                 | 24.21                    | 24.07                  |                     |
| 20              | QPSK       | 1       | 53        | 24.06                 | 24.15                    | 23.97                  | 25.0                |
| 20              | QPSK       | 1       | 104       | 24.04                 | 24.09                    | 23.93                  |                     |
| 20              | QPSK       | 50      | 0         | 24.02                 | 24.12                    | 23.90                  |                     |
| 20              | QPSK       | 50      | 28        | 24.06                 | 24.15                    | 23.93                  | 25.0                |
| 20              | QPSK       | 50      | 56        | 24.05                 | 24.13                    | 23.96                  | 25.0                |
| 20              | QPSK       | 100     | 0         | 23.99                 | 24.03                    | 23.82                  |                     |
| 20              | 16QAM      | 1       | 1         | 24.09                 | 24.20                    | 24.00                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.68                 | 22.78                    | 22.64                  | 23.5                |
| 20              | 256QAM     | 1       | 1         | 20.35                 | 20.45                    | 20.33                  | 21.5                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.23                    | 24.02                  |                     |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.05                  |                     |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.24                    | 24.12                  |                     |



<FR1 n71\_Ant 1\_DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.25                       | 24.13                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.04                    | 24.12                       | 23.98                     | 25.0                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.04                    | 24.10                       | 23.89                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                    | 24.12                       | 23.97                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.00                    | 24.08                       | 23.87                     | 25.0                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.01                    | 24.10                       | 23.88                     | 25.0                   |
| 20              | PI/2 BPSK  | 100     | 0         | 23.95                    | 23.99                       | 23.86                     |                        |
| 20              | QPSK       | 1       | 1         | 24.12                    | 24.21                       | 24.07                     |                        |
| 20              | QPSK       | 1       | 53        | 24.06                    | 24.15                       | 23.97                     | 25.0                   |
| 20              | QPSK       | 1       | 104       | 24.04                    | 24.09                       | 23.93                     |                        |
| 20              | QPSK       | 50      | 0         | 24.02                    | 24.12                       | 23.90                     |                        |
| 20              | QPSK       | 50      | 28        | 24.06                    | 24.15                       | 23.93                     | 25.0                   |
| 20              | QPSK       | 50      | 56        | 24.05                    | 24.13                       | 23.96                     | 25.0                   |
| 20              | QPSK       | 100     | 0         | 23.99                    | 24.03                       | 23.82                     |                        |
| 20              | 16QAM      | 1       | 1         | 24.09                    | 24.20                       | 24.00                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.68                    | 22.78                       | 22.64                     | 23.5                   |
| 20              | 256QAM     | 1       | 1         | 20.35                    | 20.45                       | 20.33                     | 21.5                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.23                       | 24.02                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.20                       | 24.05                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.15                    | 24.24                       | 24.12                     |                        |



<FR1 n71\_Ant 1\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 134600                   | 136100                      | 137600                    |                        |
| Frequency (MHz) |            |         |           | 673                      | 680.5                       | 688                       |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.25                       | 24.13                     |                        |
| 20              | PI/2 BPSK  | 1       | 53        | 24.04                    | 24.12                       | 23.98                     | 25.0                   |
| 20              | PI/2 BPSK  | 1       | 104       | 24.04                    | 24.10                       | 23.89                     |                        |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                    | 24.12                       | 23.97                     |                        |
| 20              | PI/2 BPSK  | 50      | 28        | 24.00                    | 24.08                       | 23.87                     | 25.0                   |
| 20              | PI/2 BPSK  | 50      | 56        | 24.01                    | 24.10                       | 23.88                     | 25.0                   |
| 20              | PI/2 BPSK  | 100     | 0         | 23.95                    | 23.99                       | 23.86                     |                        |
| 20              | QPSK       | 1       | 1         | 24.12                    | 24.21                       | 24.07                     |                        |
| 20              | QPSK       | 1       | 53        | 24.06                    | 24.15                       | 23.97                     | 25.0                   |
| 20              | QPSK       | 1       | 104       | 24.04                    | 24.09                       | 23.93                     |                        |
| 20              | QPSK       | 50      | 0         | 24.02                    | 24.12                       | 23.90                     |                        |
| 20              | QPSK       | 50      | 28        | 24.06                    | 24.15                       | 23.93                     | 25.0                   |
| 20              | QPSK       | 50      | 56        | 24.05                    | 24.13                       | 23.96                     | 25.0                   |
| 20              | QPSK       | 100     | 0         | 23.99                    | 24.03                       | 23.82                     |                        |
| 20              | 16QAM      | 1       | 1         | 24.09                    | 24.20                       | 24.00                     |                        |
| 20              | 64QAM      | 1       | 1         | 22.68                    | 22.78                       | 22.64                     | 23.5                   |
| 20              | 256QAM     | 1       | 1         | 20.35                    | 20.45                       | 20.33                     | 21.5                   |
| Channel         |            |         |           | 134100                   | 136100                      | 138100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 670.5                    | 680.5                       | 690.5                     |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                    | 24.23                       | 24.02                     |                        |
| Channel         |            |         |           | 133600                   | 136100                      | 138600                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 668                      | 680.5                       | 693                       |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.19                    | 24.20                       | 24.05                     |                        |
| Channel         |            |         |           | 133100                   | 136100                      | 139100                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 665.5                    | 680.5                       | 695.5                     |                        |
| 5               | PI/2 BPSK  | 1       | 1         | 24.15                    | 24.24                       | 24.12                     |                        |



<FR1 n71\_Ant 1\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.22                 | 24.25                    | 24.13                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.04                 | 24.12                    | 23.98                  | 25.0                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.04                 | 24.10                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 24.00                 | 24.12                    | 23.97                  |                     |
| 20              | PI/2 BPSK  | 50      | 28        | 24.00                 | 24.08                    | 23.87                  | 25.0                |
| 20              | PI/2 BPSK  | 50      | 56        | 24.01                 | 24.10                    | 23.88                  | 25.0                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.95                 | 23.99                    | 23.86                  |                     |
| 20              | QPSK       | 1       | 1         | 24.12                 | 24.21                    | 24.07                  |                     |
| 20              | QPSK       | 1       | 53        | 24.06                 | 24.15                    | 23.97                  | 25.0                |
| 20              | QPSK       | 1       | 104       | 24.04                 | 24.09                    | 23.93                  |                     |
| 20              | QPSK       | 50      | 0         | 24.02                 | 24.12                    | 23.90                  |                     |
| 20              | QPSK       | 50      | 28        | 24.06                 | 24.15                    | 23.93                  | 25.0                |
| 20              | QPSK       | 50      | 56        | 24.05                 | 24.13                    | 23.96                  | 25.0                |
| 20              | QPSK       | 100     | 0         | 23.99                 | 24.03                    | 23.82                  |                     |
| 20              | 16QAM      | 1       | 1         | 24.09                 | 24.20                    | 24.00                  |                     |
| 20              | 64QAM      | 1       | 1         | 22.68                 | 22.78                    | 22.64                  | 23.5                |
| 20              | 256QAM     | 1       | 1         | 20.35                 | 20.45                    | 20.33                  | 21.5                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.23                    | 24.02                  |                     |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.20                    | 24.05                  |                     |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.24                    | 24.12                  |                     |



<FR1 n38\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.32                 | 25.34                    | 25.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 24.77                 | 24.91                    | 24.77                  | 25.2                |
| 40              | PI/2 BPSK  | 1       | 104       | 24.95                 | 25.06                    | 24.92                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 24.00                 | 25.01                    | 24.09                  |                     |
| 40              | PI/2 BPSK  | 50      | 28        | 24.83                 | 24.95                    | 24.84                  | 25.2                |
| 40              | PI/2 BPSK  | 50      | 56        | 24.27                 | 24.39                    | 24.23                  |                     |
| 40              | PI/2 BPSK  | 100     | 0         | 24.08                 | 24.22                    | 24.10                  |                     |
| 40              | QPSK       | 1       | 1         | 25.03                 | 25.08                    | 25.00                  | 25.7                |
| 40              | QPSK       | 1       | 53        | 24.81                 | 25.02                    | 24.87                  |                     |
| 40              | QPSK       | 1       | 104       | 24.88                 | 25.11                    | 24.92                  |                     |
| 40              | QPSK       | 50      | 0         | 23.58                 | 23.67                    | 23.63                  | 24.7                |
| 40              | QPSK       | 50      | 28        | 24.76                 | 24.92                    | 24.79                  | 25.7                |
| 40              | QPSK       | 50      | 56        | 23.74                 | 23.86                    | 23.77                  | 24.7                |
| 40              | QPSK       | 100     | 0         | 23.61                 | 23.77                    | 23.61                  |                     |
| 40              | 16QAM      | 1       | 1         | 24.48                 | 24.59                    | 24.46                  |                     |
| 40              | 64QAM      | 1       | 1         | 22.91                 | 23.12                    | 23.00                  | 23.2                |
| 40              | 256QAM     | 1       | 1         | 20.94                 | 21.12                    | 20.93                  | 21.2                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.28                 | 25.31                    | 25.19                  |                     |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.94                 | 24.98                    | 24.91                  |                     |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | 25.7                |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.24                 | 25.31                    | 25.19                  |                     |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | 25.7                |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.74                 | 24.86                    | 24.69                  |                     |



<FR1 n38\_Ant 5\_DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 23.5                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.26                    | 23.15                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 23.10                 | 23.08                    | 23.05                  | 23.5                |
| 40              | PI/2 BPSK  | 1       | 104       | 23.15                 | 23.21                    | 23.12                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.93                 | 23.21                    | 22.87                  |                     |
| 40              | PI/2 BPSK  | 50      | 28        | 23.16                 | 23.17                    | 23.20                  | 23.5                |
| 40              | PI/2 BPSK  | 50      | 56        | 23.07                 | 23.06                    | 23.09                  | 23.5                |
| 40              | PI/2 BPSK  | 100     | 0         | 23.04                 | 23.08                    | 23.01                  |                     |
| 40              | QPSK       | 1       | 1         | 23.19                 | 23.24                    | 23.20                  |                     |
| 40              | QPSK       | 1       | 53        | 23.15                 | 23.16                    | 23.19                  | 23.5                |
| 40              | QPSK       | 1       | 104       | 23.06                 | 23.12                    | 23.02                  |                     |
| 40              | QPSK       | 50      | 0         | 22.95                 | 23.00                    | 22.98                  |                     |
| 40              | QPSK       | 50      | 28        | 23.02                 | 23.02                    | 22.99                  | 23.5                |
| 40              | QPSK       | 50      | 56        | 22.88                 | 22.98                    | 22.91                  | 23.5                |
| 40              | QPSK       | 100     | 0         | 23.08                 | 23.05                    | 23.07                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.97                 | 23.05                    | 22.98                  |                     |
| 40              | 64QAM      | 1       | 1         | 22.85                 | 22.94                    | 22.94                  | 23.5                |
| 40              | 256QAM     | 1       | 1         | 20.80                 | 20.82                    | 20.75                  | 21.5                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.98                 | 23.12                    | 22.99                  |                     |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.94                 | 23.06                    | 23.00                  |                     |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.03                 | 23.09                    | 22.98                  |                     |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.03                 | 23.11                    | 22.97                  |                     |



<FR1 n38\_Ant 5\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 518000                   | 519000                      | 520000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 2590                     | 2595                        | 2600                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.46                    | 21.51                       | 21.53                     |                        |
| 40              | PI/2 BPSK  | 1       | 53        | 21.32                    | 21.29                       | 21.29                     | 22.0                   |
| 40              | PI/2 BPSK  | 1       | 104       | 21.34                    | 21.41                       | 21.41                     |                        |
| 40              | PI/2 BPSK  | 50      | 0         | 21.38                    | 21.31                       | 21.41                     |                        |
| 40              | PI/2 BPSK  | 50      | 28        | 21.39                    | 21.33                       | 21.32                     | 22.0                   |
| 40              | PI/2 BPSK  | 50      | 56        | 21.27                    | 21.26                       | 21.36                     | 22.0                   |
| 40              | PI/2 BPSK  | 100     | 0         | 21.32                    | 21.33                       | 21.41                     |                        |
| 40              | QPSK       | 1       | 1         | 21.35                    | 21.37                       | 21.32                     |                        |
| 40              | QPSK       | 1       | 53        | 21.26                    | 21.34                       | 21.34                     | 22.0                   |
| 40              | QPSK       | 1       | 104       | 21.33                    | 21.39                       | 21.35                     |                        |
| 40              | QPSK       | 50      | 0         | 21.30                    | 21.25                       | 21.36                     |                        |
| 40              | QPSK       | 50      | 28        | 21.30                    | 21.30                       | 21.35                     | 22.0                   |
| 40              | QPSK       | 50      | 56        | 21.35                    | 21.24                       | 21.39                     | 22.0                   |
| 40              | QPSK       | 100     | 0         | 21.31                    | 21.33                       | 21.32                     |                        |
| 40              | 16QAM      | 1       | 1         | 21.27                    | 21.33                       | 21.36                     |                        |
| 40              | 64QAM      | 1       | 1         | 21.29                    | 21.24                       | 21.27                     | 22.0                   |
| 40              | 256QAM     | 1       | 1         | 21.37                    | 21.31                       | 21.35                     | 22.0                   |
| Channel         |            |         |           | 517000                   | 519000                      | 521000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2585                     | 2595                        | 2605                      |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.35                       | 21.41                     |                        |
| Channel         |            |         |           | 516000                   | 519000                      | 522000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2580                     | 2595                        | 2610                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.33                       | 21.36                     |                        |
| Channel         |            |         |           | 515500                   | 519000                      | 522500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2577.5                   | 2595                        | 2612.5                    |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.27                    | 21.31                       | 21.42                     |                        |
| Channel         |            |         |           | 515000                   | 519000                      | 523000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2575                     | 2595                        | 2615                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.29                    | 21.34                       | 21.42                     |                        |



&lt;FR1 n41\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 25.7                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.28                    | 25.29                       | 25.19                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.12                    | 25.14                       | 25.05                     | 25.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 25.06                    | 25.24                       | 25.05                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.95                    | 25.25                       | 24.86                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.11                    | 25.26                       | 25.02                     | 25.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.06                    | 25.13                       | 25.08                     | 25.7                   |
| 100             | PI/2 BPSK  | 270     | 0         | 25.10                    | 25.12                       | 25.03                     |                        |
| 100             | QPSK       | 1       | 1         | 25.28                    | 25.28                       | 25.20                     |                        |
| 100             | QPSK       | 1       | 137       | 25.24                    | 25.27                       | 25.16                     | 25.7                   |
| 100             | QPSK       | 1       | 271       | 25.08                    | 25.12                       | 25.11                     |                        |
| 100             | QPSK       | 135     | 0         | 24.46                    | 24.48                       | 24.39                     |                        |
| 100             | QPSK       | 135     | 69        | 25.11                    | 25.14                       | 25.03                     | 25.7                   |
| 100             | QPSK       | 135     | 138       | 24.57                    | 24.68                       | 24.49                     | 25.7                   |
| 100             | QPSK       | 270     | 0         | 24.66                    | 24.67                       | 24.57                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.61                    | 24.63                       | 24.52                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.09                    | 23.10                       | 23.00                     | 24.7                   |
| 100             | 256QAM     | 1       | 1         | 21.03                    | 21.05                       | 20.94                     | 22.7                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 25.24                    | 25.19                       | 25.11                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 25.12                    | 25.11                       | 25.01                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 25.02                    | 25.17                       | 25.02                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 25.06                    | 25.14                       | 25.00                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 25.20                    | 25.28                       | 25.19                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.23                    | 25.25                       | 25.19                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 25.10                    | 25.07                       | 25.04                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.05                    | 25.23                       | 25.03                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.11                    | 25.07                       | 25.04                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.22                    | 25.19                       | 25.18                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n41\_Ant 2\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON) / DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 23.0                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.94                 | 23.00                    | 22.03                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.29                 | 22.37                    | 22.30                  | 22.5                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.90                 | 22.98                    | 22.91                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.75                 | 21.75                    | 21.70                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 21.40                 | 21.42                    | 21.37                  | 22.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.26                 | 22.26                    | 22.18                  |                     |
| 100             | PI/2 BPSK  | 270     | 0         | 21.85                 | 21.95                    | 21.94                  |                     |
| 100             | QPSK       | 1       | 1         | 22.44                 | 22.45                    | 22.42                  | 23.0                |
| 100             | QPSK       | 1       | 137       | 21.19                 | 21.25                    | 21.22                  |                     |
| 100             | QPSK       | 1       | 271       | 22.96                 | 22.98                    | 22.96                  |                     |
| 100             | QPSK       | 135     | 0         | 21.27                 | 21.30                    | 21.21                  | 23.0                |
| 100             | QPSK       | 135     | 69        | 21.41                 | 21.46                    | 21.39                  |                     |
| 100             | QPSK       | 135     | 138       | 21.83                 | 21.84                    | 21.76                  |                     |
| 100             | QPSK       | 270     | 0         | 21.62                 | 21.62                    | 21.53                  | 22.5                |
| 100             | 16QAM      | 1       | 1         | 22.10                 | 22.20                    | 22.15                  |                     |
| 100             | 64QAM      | 1       | 1         | 20.89                 | 20.99                    | 20.89                  |                     |
| 100             | 256QAM     | 1       | 1         | 18.85                 | 18.89                    | 18.79                  | 19.0                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.92                    | 22.03                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.97                    | 22.85                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.91                 | 22.98                    | 21.98                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.96                    | 22.84                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.94                    | 21.99                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.89                 | 22.96                    | 21.94                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.82                 | 22.96                    | 22.87                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.95                    | 21.96                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.90                 | 22.98                    | 22.81                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.91                    | 21.97                  |                     |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n41\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 22.5                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.02                 | 22.21                    | 21.93                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.13                 | 22.12                    | 21.90                  | 22.5                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.16                 | 22.13                    | 21.88                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.92                 | 22.18                    | 21.93                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 22.10                 | 22.16                    | 22.09                  | 22.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.91                 | 21.96                    | 21.90                  | 22.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.85                 | 21.93                    | 21.83                  |                     |
| 100             | QPSK       | 1       | 1         | 21.43                 | 21.52                    | 21.47                  |                     |
| 100             | QPSK       | 1       | 137       | 22.01                 | 22.11                    | 22.05                  | 22.5                |
| 100             | QPSK       | 1       | 271       | 22.05                 | 22.12                    | 22.06                  |                     |
| 100             | QPSK       | 135     | 0         | 21.40                 | 21.48                    | 21.43                  |                     |
| 100             | QPSK       | 135     | 69        | 22.03                 | 22.09                    | 22.00                  | 21.5                |
| 100             | QPSK       | 135     | 138       | 21.39                 | 21.45                    | 21.35                  | 21.5                |
| 100             | QPSK       | 270     | 0         | 21.38                 | 21.44                    | 21.34                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.82                 | 20.91                    | 20.81                  |                     |
| 100             | 64QAM      | 1       | 1         | 19.62                 | 19.69                    | 19.64                  | 20.0                |
| 100             | 256QAM     | 1       | 1         | 17.91                 | 17.99                    | 17.90                  | 18.0                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.02                 | 22.18                    | 21.91                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.13                 | 22.04                    | 21.89                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.15                 | 22.03                    | 21.88                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.09                    | 21.79                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.05                 | 22.09                    | 21.87                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.95                 | 22.16                    | 21.90                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.12                    | 21.85                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.14                 | 22.09                    | 21.82                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.15                 | 22.07                    | 21.87                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                 | 22.09                    | 21.83                  |                     |



&lt;FR1 n41\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.18                    | 21.80                       | 22.25                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.19                    | 22.24                       | 22.20                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.38                    | 21.37                       | 21.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.41                    | 20.49                       | 20.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.07                    | 21.78                       | 22.23                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.57                    | 21.63                       | 21.70                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.35                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 1       | 1         | 20.56                    | 20.57                       | 20.53                     | 22.5                   |
| 100             | QPSK       | 1       | 137       | 22.15                    | 22.23                       | 22.17                     |                        |
| 100             | QPSK       | 1       | 271       | 21.28                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 135     | 0         | 19.94                    | 20.06                       | 19.96                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 22.20                    | 22.21                       | 22.11                     | 22.5                   |
| 100             | QPSK       | 135     | 138       | 21.26                    | 21.28                       | 21.24                     | 21.5                   |
| 100             | QPSK       | 270     | 0         | 20.93                    | 21.05                       | 20.92                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.55                    | 19.59                       | 19.53                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.28                    | 18.30                       | 18.24                     | 20.0                   |
| 100             | 256QAM     | 1       | 1         | 16.64                    | 16.66                       | 16.63                     | 18.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.79                       | 22.21                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.79                       | 22.16                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.73                       | 22.16                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.23                       | 22.19                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.78                       | 22.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.10                    | 21.78                       | 22.15                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.73                       | 22.15                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.17                       | 22.18                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.09                    | 21.76                       | 22.24                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.74                       | 22.15                     |                        |



&lt;FR1 n41\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.18                    | 21.80                       | 22.25                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.19                    | 22.24                       | 22.20                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.38                    | 21.37                       | 21.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.41                    | 20.49                       | 20.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.07                    | 21.78                       | 22.23                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.57                    | 21.63                       | 21.70                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.35                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 1       | 1         | 20.56                    | 20.57                       | 20.53                     | 22.5                   |
| 100             | QPSK       | 1       | 137       | 22.15                    | 22.23                       | 22.17                     |                        |
| 100             | QPSK       | 1       | 271       | 21.28                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 135     | 0         | 19.94                    | 20.06                       | 19.96                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 22.20                    | 22.21                       | 22.11                     | 22.5                   |
| 100             | QPSK       | 135     | 138       | 21.26                    | 21.28                       | 21.24                     | 21.5                   |
| 100             | QPSK       | 270     | 0         | 20.93                    | 21.05                       | 20.92                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.55                    | 19.59                       | 19.53                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.28                    | 18.30                       | 18.24                     | 20.0                   |
| 100             | 256QAM     | 1       | 1         | 16.64                    | 16.66                       | 16.63                     | 18.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.79                       | 22.21                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.79                       | 22.16                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.73                       | 22.16                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.23                       | 22.19                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.78                       | 22.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.10                    | 21.78                       | 22.15                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.73                       | 22.15                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.17                       | 22.18                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.09                    | 21.76                       | 22.24                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.74                       | 22.15                     |                        |



&lt;FR1 n41\_Ant 5\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 23.35                    | 23.42                       | 23.39                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 23.20                    | 23.26                       | 23.22                     | 23.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 23.31                    | 23.30                       | 23.29                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 23.06                    | 23.35                       | 23.04                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 23.38                    | 23.39                       | 23.38                     | 23.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 23.23                    | 23.24                       | 23.22                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 23.20                    | 23.22                       | 23.21                     |                        |
| 100             | QPSK       | 1       | 1         | 23.33                    | 23.40                       | 23.38                     | 23.5                   |
| 100             | QPSK       | 1       | 137       | 23.36                    | 23.34                       | 23.36                     |                        |
| 100             | QPSK       | 1       | 271       | 23.22                    | 23.21                       | 23.18                     |                        |
| 100             | QPSK       | 135     | 0         | 23.18                    | 23.19                       | 23.13                     | 23.5                   |
| 100             | QPSK       | 135     | 69        | 23.11                    | 23.11                       | 23.13                     |                        |
| 100             | QPSK       | 135     | 138       | 23.09                    | 23.13                       | 23.09                     |                        |
| 100             | QPSK       | 270     | 0         | 23.21                    | 23.20                       | 23.16                     | 23.5                   |
| 100             | 16QAM      | 1       | 1         | 23.12                    | 23.16                       | 23.11                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.04                    | 23.07                       | 23.02                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.93                    | 20.92                       | 20.92                     | 21.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 23.22                    | 23.28                       | 23.19                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 23.20                    | 23.21                       | 23.28                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 23.25                    | 23.22                       | 23.25                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 23.24                    | 23.20                       | 23.24                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 23.17                    | 23.20                       | 23.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 23.15                    | 23.19                       | 23.24                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 23.19                    | 23.26                       | 23.23                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 23.22                    | 23.26                       | 23.27                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 23.25                    | 23.22                       | 23.26                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 23.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 23.23                    | 23.25                       | 23.26                     |                        |



&lt;FR1 n41\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.18                    | 21.80                       | 22.25                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.19                    | 22.24                       | 22.20                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.38                    | 21.37                       | 21.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.41                    | 20.49                       | 20.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.07                    | 21.78                       | 22.23                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.57                    | 21.63                       | 21.70                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.35                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 1       | 1         | 20.56                    | 20.57                       | 20.53                     | 22.5                   |
| 100             | QPSK       | 1       | 137       | 22.15                    | 22.23                       | 22.17                     |                        |
| 100             | QPSK       | 1       | 271       | 21.28                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 135     | 0         | 19.94                    | 20.06                       | 19.96                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 22.20                    | 22.21                       | 22.11                     | 22.5                   |
| 100             | QPSK       | 135     | 138       | 21.26                    | 21.28                       | 21.24                     | 21.5                   |
| 100             | QPSK       | 270     | 0         | 20.93                    | 21.05                       | 20.92                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.55                    | 19.59                       | 19.53                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.28                    | 18.30                       | 18.24                     | 20.0                   |
| 100             | 256QAM     | 1       | 1         | 16.64                    | 16.66                       | 16.63                     | 18.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.79                       | 22.21                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.79                       | 22.16                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.73                       | 22.16                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.23                       | 22.19                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.78                       | 22.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.10                    | 21.78                       | 22.15                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.73                       | 22.15                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.17                       | 22.18                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.09                    | 21.76                       | 22.24                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.74                       | 22.15                     |                        |



&lt;FR1 n41\_Ant 5\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 | 22.0                |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.24                    | 21.31                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 21.10                 | 21.02                    | 21.10                  | 22.0                |
| 100             | PI/2 BPSK  | 1       | 271       | 21.07                 | 21.09                    | 21.13                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.03                 | 21.05                    | 21.14                  |                     |
| 100             | PI/2 BPSK  | 135     | 69        | 20.99                 | 21.20                    | 21.18                  | 22.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.08                 | 21.08                    | 21.12                  | 22.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.15                 | 21.14                    | 21.11                  |                     |
| 100             | QPSK       | 1       | 1         | 21.08                 | 21.12                    | 21.11                  |                     |
| 100             | QPSK       | 1       | 137       | 20.99                 | 21.15                    | 21.11                  | 22.0                |
| 100             | QPSK       | 1       | 271       | 21.11                 | 21.00                    | 21.11                  |                     |
| 100             | QPSK       | 135     | 0         | 21.10                 | 21.08                    | 21.14                  |                     |
| 100             | QPSK       | 135     | 69        | 21.17                 | 21.10                    | 21.13                  | 22.0                |
| 100             | QPSK       | 135     | 138       | 21.06                 | 21.12                    | 21.19                  | 22.0                |
| 100             | QPSK       | 270     | 0         | 21.06                 | 21.16                    | 21.21                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.05                 | 21.15                    | 21.13                  |                     |
| 100             | 64QAM      | 1       | 1         | 20.99                 | 21.07                    | 21.17                  | 22.0                |
| 100             | 256QAM     | 1       | 1         | 20.64                 | 20.74                    | 20.77                  | 22.0                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | 22.0                |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.99                 | 21.09                    | 21.12                  |                     |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | 22.0                |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.99                 | 21.12                    | 21.20                  |                     |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | 22.0                |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.05                    | 21.16                  |                     |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | 22.0                |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.11                    | 21.19                  |                     |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | 22.0                |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.14                    | 21.12                  |                     |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | 22.0                |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.07                 | 21.10                    | 21.21                  |                     |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | 22.0                |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.01                 | 21.14                    | 21.20                  |                     |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | 22.0                |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.99                 | 21.12                    | 21.19                  |                     |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | 22.0                |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.07                 | 21.05                    | 21.19                  |                     |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | 22.0                |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.05                 | 21.14                    | 21.12                  |                     |



&lt;FR1 n41\_Ant 3\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.02                    | 22.21                       | 21.93                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.13                    | 22.12                       | 21.90                     | 22.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.16                    | 22.13                       | 21.88                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.92                    | 22.18                       | 21.93                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.10                    | 22.16                       | 22.09                     | 22.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.91                    | 21.96                       | 21.90                     | 22.5                   |
| 100             | PI/2 BPSK  | 270     | 0         | 21.85                    | 21.93                       | 21.83                     |                        |
| 100             | QPSK       | 1       | 1         | 21.43                    | 21.52                       | 21.47                     |                        |
| 100             | QPSK       | 1       | 137       | 22.01                    | 22.11                       | 22.05                     | 22.5                   |
| 100             | QPSK       | 1       | 271       | 22.05                    | 22.12                       | 22.06                     |                        |
| 100             | QPSK       | 135     | 0         | 21.40                    | 21.48                       | 21.43                     |                        |
| 100             | QPSK       | 135     | 69        | 22.03                    | 22.09                       | 22.00                     | 21.5                   |
| 100             | QPSK       | 135     | 138       | 21.39                    | 21.45                       | 21.35                     | 21.5                   |
| 100             | QPSK       | 270     | 0         | 21.38                    | 21.44                       | 21.34                     |                        |
| 100             | 16QAM      | 1       | 1         | 20.82                    | 20.91                       | 20.81                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.62                    | 19.69                       | 19.64                     | 20.0                   |
| 100             | 256QAM     | 1       | 1         | 17.91                    | 17.99                       | 17.90                     | 18.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.02                    | 22.18                       | 21.91                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.13                    | 22.04                       | 21.89                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.15                    | 22.03                       | 21.88                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.09                    | 22.09                       | 21.79                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.05                    | 22.09                       | 21.87                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.95                    | 22.16                       | 21.90                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                    | 22.12                       | 21.85                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.14                    | 22.09                       | 21.82                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.15                    | 22.07                       | 21.87                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.09                       | 21.83                     |                        |



<FR1 n41\_Ant 4\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 22.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.18                    | 21.80                       | 22.25                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.19                    | 22.24                       | 22.20                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.38                    | 21.37                       | 21.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.41                    | 20.49                       | 20.39                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.07                    | 21.78                       | 22.23                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.57                    | 21.63                       | 21.70                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.35                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 1       | 1         | 20.56                    | 20.57                       | 20.53                     | 22.5                   |
| 100             | QPSK       | 1       | 137       | 22.15                    | 22.23                       | 22.17                     |                        |
| 100             | QPSK       | 1       | 271       | 21.28                    | 21.40                       | 21.30                     |                        |
| 100             | QPSK       | 135     | 0         | 19.94                    | 20.06                       | 19.96                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 22.20                    | 22.21                       | 22.11                     | 22.5                   |
| 100             | QPSK       | 135     | 138       | 21.26                    | 21.28                       | 21.24                     | 21.5                   |
| 100             | QPSK       | 270     | 0         | 20.93                    | 21.05                       | 20.92                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.55                    | 19.59                       | 19.53                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.28                    | 18.30                       | 18.24                     | 20.0                   |
| 100             | 256QAM     | 1       | 1         | 16.64                    | 16.66                       | 16.63                     | 18.0                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.79                       | 22.21                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.79                       | 22.16                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.73                       | 22.16                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.23                       | 22.19                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.14                    | 21.78                       | 22.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.10                    | 21.78                       | 22.15                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.12                    | 21.73                       | 22.15                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.11                    | 22.17                       | 22.18                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.09                    | 21.76                       | 22.24                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.11                    | 21.74                       | 22.15                     |                        |



&lt;FR1 n41\_HPUE\_Ant 5\_DSI 0 / DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 27.19                    | 27.19                       | 27.17                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 27.03                    | 27.08                       | 27.12                     | 27.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 26.48                    | 26.88                       | 26.44                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 26.89                    | 27.14                       | 26.83                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 27.00                    | 27.16                       | 27.08                     | 27.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 26.83                    | 26.58                       | 26.87                     | 27.5                   |
| 100             | PI/2 BPSK  | 270     | 0         | 26.76                    | 26.88                       | 26.85                     |                        |
| 100             | QPSK       | 1       | 1         | 27.00                    | 27.05                       | 27.10                     |                        |
| 100             | QPSK       | 1       | 137       | 26.97                    | 26.99                       | 27.08                     | 27.5                   |
| 100             | QPSK       | 1       | 271       | 26.47                    | 26.88                       | 26.47                     |                        |
| 100             | QPSK       | 135     | 0         | 26.37                    | 26.42                       | 26.36                     |                        |
| 100             | QPSK       | 135     | 69        | 26.43                    | 26.87                       | 26.43                     | 27.5                   |
| 100             | QPSK       | 135     | 138       | 26.38                    | 26.32                       | 26.36                     | 27.5                   |
| 100             | QPSK       | 270     | 0         | 26.22                    | 26.16                       | 26.30                     |                        |
| 100             | 16QAM      | 1       | 1         | 26.16                    | 26.11                       | 26.25                     |                        |
| 100             | 64QAM      | 1       | 1         | 24.81                    | 24.59                       | 24.87                     | 26.5                   |
| 100             | 256QAM     | 1       | 1         | 22.78                    | 22.55                       | 22.86                     | 24.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 27.18                    | 27.09                       | 27.09                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 26.97                    | 27.01                       | 27.12                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 27.17                    | 27.16                       | 27.12                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 26.93                    | 26.99                       | 27.11                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 27.18                    | 27.15                       | 27.09                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 26.95                    | 27.08                       | 27.08                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 27.18                    | 27.12                       | 27.07                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 27.15                    | 27.16                       | 27.11                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 27.19                    | 27.18                       | 27.07                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 27.02                    | 27.00                       | 27.04                     |                        |



&lt;FR1 n41\_HPUE\_Ant 5\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 26.5                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 26.37                    | 26.40                       | 26.38                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 26.17                    | 26.25                       | 26.17                     | 26.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 26.02                    | 26.03                       | 25.98                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 26.03                    | 26.27                       | 26.06                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 26.25                    | 26.28                       | 26.21                     | 26.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 26.20                    | 26.20                       | 26.16                     | 26.5                   |
| 100             | PI/2 BPSK  | 270     | 0         | 25.96                    | 26.04                       | 25.96                     |                        |
| 100             | QPSK       | 1       | 1         | 26.14                    | 26.21                       | 26.14                     |                        |
| 100             | QPSK       | 1       | 137       | 26.09                    | 26.11                       | 26.11                     | 26.5                   |
| 100             | QPSK       | 1       | 271       | 26.02                    | 26.01                       | 26.01                     |                        |
| 100             | QPSK       | 135     | 0         | 25.50                    | 25.53                       | 25.51                     |                        |
| 100             | QPSK       | 135     | 69        | 25.97                    | 25.98                       | 25.95                     | 26.5                   |
| 100             | QPSK       | 135     | 138       | 25.92                    | 25.99                       | 25.91                     | 26.5                   |
| 100             | QPSK       | 270     | 0         | 25.77                    | 25.80                       | 25.74                     |                        |
| 100             | 16QAM      | 1       | 1         | 26.26                    | 26.30                       | 26.28                     |                        |
| 100             | 64QAM      | 1       | 1         | 24.98                    | 25.00                       | 24.96                     | 26.5                   |
| 100             | 256QAM     | 1       | 1         | 22.97                    | 23.00                       | 22.93                     | 24.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 26.24                    | 26.22                       | 26.21                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 26.20                    | 26.17                       | 26.24                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 26.20                    | 26.22                       | 26.19                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 26.23                    | 26.20                       | 26.23                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 26.19                    | 26.24                       | 26.24                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 26.27                    | 26.21                       | 26.19                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 26.22                    | 26.21                       | 26.27                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 26.19                    | 26.24                       | 26.23                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 26.21                    | 26.27                       | 26.25                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 26.27                    | 26.19                       | 26.19                     |                        |



&lt;FR1 n41\_HPUE\_Ant 5\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 509202                   | 518598                      | 528000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2546.01                  | 2592.99                     | 2640                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.33                    | 24.39                       | 24.42                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 24.19                    | 24.23                       | 24.21                     | 25.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.25                    | 24.18                       | 24.22                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.26                    | 24.17                       | 24.27                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.14                    | 24.23                       | 24.33                     | 25.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 24.23                    | 24.19                       | 24.21                     | 25.0                   |
| 100             | PI/2 BPSK  | 270     | 0         | 24.28                    | 24.20                       | 24.21                     |                        |
| 100             | QPSK       | 1       | 1         | 24.22                    | 24.15                       | 24.30                     |                        |
| 100             | QPSK       | 1       | 137       | 24.24                    | 24.21                       | 24.18                     | 25.0                   |
| 100             | QPSK       | 1       | 271       | 24.24                    | 24.20                       | 24.28                     |                        |
| 100             | QPSK       | 135     | 0         | 24.13                    | 24.17                       | 24.24                     |                        |
| 100             | QPSK       | 135     | 69        | 24.12                    | 24.25                       | 24.26                     | 25.0                   |
| 100             | QPSK       | 135     | 138       | 24.16                    | 24.21                       | 24.36                     | 25.0                   |
| 100             | QPSK       | 270     | 0         | 24.20                    | 24.15                       | 24.35                     |                        |
| 100             | 16QAM      | 1       | 1         | 24.27                    | 24.18                       | 24.27                     |                        |
| 100             | 64QAM      | 1       | 1         | 24.26                    | 24.27                       | 24.34                     | 25.0                   |
| 100             | 256QAM     | 1       | 1         | 22.72                    | 22.83                       | 22.82                     | 24.5                   |
| Channel         |            |         |           | 508200                   | 518598                      | 528996                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2541                     | 2592.99                     | 2644.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.22                    | 24.23                       | 24.25                     |                        |
| Channel         |            |         |           | 507204                   | 518598                      | 529998                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2536.02                  | 2592.99                     | 2649.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.21                       | 24.23                     |                        |
| Channel         |            |         |           | 506202                   | 518598                      | 531000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2531.01                  | 2592.99                     | 2655                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.24                       | 24.26                     |                        |
| Channel         |            |         |           | 505200                   | 518598                      | 531996                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2526                     | 2592.99                     | 2659.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.17                    | 24.25                       | 24.28                     |                        |
| Channel         |            |         |           | 504204                   | 518598                      | 532998                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2521.02                  | 2592.99                     | 2664.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.13                    | 24.22                       | 24.32                     |                        |
| Channel         |            |         |           | 503202                   | 518598                      | 534000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2516.01                  | 2592.99                     | 2670                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.16                    | 24.26                       | 24.31                     |                        |
| Channel         |            |         |           | 502200                   | 518598                      | 534996                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2511                     | 2592.99                     | 2674.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.21                       | 24.30                     |                        |
| Channel         |            |         |           | 501204                   | 518598                      | 535998                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2506.02                  | 2592.99                     | 2679.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.14                    | 24.25                       | 24.31                     |                        |
| Channel         |            |         |           | 500700                   | 518598                      | 536496                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2503.5                   | 2592.99                     | 2682.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.21                    | 24.20                       | 24.31                     |                        |
| Channel         |            |         |           | 500202                   | 518598                      | 537000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 2501.01                  | 2592.99                     | 2685                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.18                    | 24.25                       | 24.28                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n77\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.52                    | 21.62                       | 21.27                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.46                    | 21.60                       | 21.22                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.20                    | 21.38                       | 20.93                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.38                    | 21.50                       | 21.15                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.34                    | 21.47                       | 21.03                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.20                    | 21.33                       | 20.88                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.27                    | 21.47                       | 21.06                     |                        |
| 100             | QPSK       | 1       | 1         | 21.39                    | 21.56                       | 21.17                     | 22.0                   |
| 100             | QPSK       | 1       | 137       | 21.37                    | 21.54                       | 21.16                     |                        |
| 100             | QPSK       | 1       | 271       | 21.14                    | 21.27                       | 20.83                     |                        |
| 100             | QPSK       | 135     | 0         | 21.23                    | 21.37                       | 21.00                     | 22.0                   |
| 100             | QPSK       | 135     | 69        | 21.25                    | 21.41                       | 21.06                     |                        |
| 100             | QPSK       | 135     | 138       | 21.10                    | 21.26                       | 20.85                     |                        |
| 100             | QPSK       | 270     | 0         | 21.15                    | 21.33                       | 20.94                     | 22.0                   |
| 100             | 16QAM      | 1       | 1         | 21.45                    | 21.56                       | 21.19                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.37                    | 21.52                       | 21.09                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.43                    | 21.56                       | 21.14                     | 22.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.45                    | 21.57                       | 21.16                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.58                       | 21.24                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.56                       | 21.22                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.51                    | 21.61                       | 21.23                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.44                    | 21.56                       | 21.25                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.52                       | 21.26                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.42                    | 21.61                       | 21.26                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.44                    | 21.57                       | 21.19                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.48                    | 21.51                       | 21.21                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.45                    | 21.57                       | 21.21                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.55                       | 21.18                     |                        |



&lt;FR1 n77\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.71                    | 21.97                       | 21.94                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.66                    | 21.95                       | 21.83                     | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.61                    | 21.90                       | 21.81                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.59                    | 21.94                       | 21.85                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.58                    | 21.89                       | 21.79                     | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.56                    | 21.86                       | 21.76                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.53                    | 21.89                       | 21.82                     |                        |
| 100             | QPSK       | 1       | 1         | 21.65                    | 21.94                       | 21.82                     | 22.0                   |
| 100             | QPSK       | 1       | 137       | 21.55                    | 21.90                       | 21.84                     |                        |
| 100             | QPSK       | 1       | 271       | 21.48                    | 21.82                       | 21.73                     |                        |
| 100             | QPSK       | 135     | 0         | 21.55                    | 21.91                       | 21.85                     | 22.0                   |
| 100             | QPSK       | 135     | 69        | 21.52                    | 21.82                       | 21.74                     |                        |
| 100             | QPSK       | 135     | 138       | 21.50                    | 21.80                       | 21.67                     |                        |
| 100             | QPSK       | 270     | 0         | 21.49                    | 21.85                       | 21.78                     | 22.0                   |
| 100             | 16QAM      | 1       | 1         | 21.62                    | 21.90                       | 21.85                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.59                    | 21.92                       | 21.81                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.30                    | 21.64                       | 21.53                     | 22.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.66                    | 21.93                       | 21.91                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.67                    | 21.92                       | 21.89                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.89                       | 21.91                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.69                    | 21.96                       | 21.93                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.92                       | 21.92                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.64                    | 21.96                       | 21.93                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.95                       | 21.87                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.87                       | 21.90                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.66                    | 21.92                       | 21.90                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.92                       | 21.85                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 22.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.60                    | 21.90                       | 21.87                     |                        |



&lt;FR1 n77\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.61                       | 24.53                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 24.52                    | 24.59                       | 24.49                     | 25.0                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.51                    | 24.55                       | 24.54                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.52                    | 24.60                       | 24.55                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.46                    | 24.56                       | 24.48                     | 25.0                   |
| 100             | PI/2 BPSK  | 135     | 138       | 24.43                    | 24.50                       | 24.49                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 24.50                    | 24.56                       | 24.54                     |                        |
| 100             | QPSK       | 1       | 1         | 24.54                    | 24.58                       | 24.48                     | 25.0                   |
| 100             | QPSK       | 1       | 137       | 24.59                    | 24.60                       | 24.56                     |                        |
| 100             | QPSK       | 1       | 271       | 24.57                    | 24.58                       | 24.54                     |                        |
| 100             | QPSK       | 135     | 0         | 24.50                    | 24.56                       | 24.55                     | 25.0                   |
| 100             | QPSK       | 135     | 69        | 24.50                    | 24.55                       | 24.53                     |                        |
| 100             | QPSK       | 135     | 138       | 24.42                    | 24.50                       | 24.49                     |                        |
| 100             | QPSK       | 270     | 0         | 24.56                    | 24.56                       | 24.52                     | 25.0                   |
| 100             | 16QAM      | 1       | 1         | 24.48                    | 24.53                       | 24.43                     |                        |
| 100             | 64QAM      | 1       | 1         | 23.43                    | 23.48                       | 23.42                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.45                    | 21.45                       | 21.39                     | 21.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.43                    | 24.51                       | 24.47                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.38                    | 24.57                       | 24.45                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.61                       | 24.50                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.36                    | 24.56                       | 24.45                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.42                    | 24.59                       | 24.51                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.58                       | 24.50                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.54                       | 24.53                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.43                    | 24.60                       | 24.44                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.37                    | 24.59                       | 24.51                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.38                    | 24.52                       | 24.51                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.41                    | 24.59                       | 24.48                     |                        |



&lt;FR1 n77\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.40                    | 21.44                       | 21.37                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.29                    | 21.33                       | 21.26                     | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.29                    | 21.35                       | 21.18                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.26                    | 21.30                       | 21.23                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.24                    | 21.29                       | 21.16                     | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.14                    | 21.21                       | 21.10                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.17                    | 21.29                       | 21.17                     |                        |
| 100             | QPSK       | 1       | 1         | 21.22                    | 21.34                       | 21.21                     | 21.5                   |
| 100             | QPSK       | 1       | 137       | 21.13                    | 21.25                       | 21.08                     |                        |
| 100             | QPSK       | 1       | 271       | 21.13                    | 21.18                       | 21.11                     |                        |
| 100             | QPSK       | 135     | 0         | 21.16                    | 21.25                       | 21.17                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 21.15                    | 21.22                       | 21.08                     |                        |
| 100             | QPSK       | 135     | 138       | 21.07                    | 21.14                       | 21.05                     |                        |
| 100             | QPSK       | 270     | 0         | 21.20                    | 21.31                       | 21.16                     | 21.5                   |
| 100             | 16QAM      | 1       | 1         | 21.15                    | 21.23                       | 21.16                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.27                    | 21.33                       | 21.21                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.26                    | 21.32                       | 21.18                     | 21.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.32                    | 21.43                       | 21.33                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.36                    | 21.42                       | 21.30                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.29                    | 21.42                       | 21.27                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.35                       | 21.33                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.34                       | 21.36                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.33                       | 21.31                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.37                    | 21.34                       | 21.36                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.37                       | 21.27                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.42                       | 21.32                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.40                       | 21.26                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.32                    | 21.39                       | 21.27                     |                        |



&lt;FR1 n77\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.98                    | 23.02                       | 22.97                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.85                    | 22.92                       | 22.85                     | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.72                    | 22.82                       | 22.83                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.86                    | 22.90                       | 22.80                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.87                    | 22.83                       | 22.81                     | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.61                    | 22.78                       | 22.68                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 22.69                    | 22.76                       | 22.61                     |                        |
| 100             | QPSK       | 1       | 1         | 22.82                    | 22.87                       | 22.80                     | 23.3                   |
| 100             | QPSK       | 1       | 137       | 22.91                    | 23.00                       | 22.96                     |                        |
| 100             | QPSK       | 1       | 271       | 22.82                    | 22.98                       | 22.88                     |                        |
| 100             | QPSK       | 135     | 0         | 22.68                    | 22.84                       | 22.74                     | 23.3                   |
| 100             | QPSK       | 135     | 69        | 22.80                    | 22.93                       | 22.81                     |                        |
| 100             | QPSK       | 135     | 138       | 22.72                    | 22.75                       | 22.73                     |                        |
| 100             | QPSK       | 270     | 0         | 22.62                    | 22.74                       | 22.71                     | 23.3                   |
| 100             | 16QAM      | 1       | 1         | 22.84                    | 23.00                       | 22.92                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.90                    | 22.93                       | 22.90                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.92                    | 20.90                       | 20.83                     | 21.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.86                    | 22.87                       | 22.84                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.81                    | 22.87                       | 22.79                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.79                    | 22.86                       | 22.85                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.85                    | 22.82                       | 22.86                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.78                    | 22.92                       | 22.82                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.83                    | 22.86                       | 22.80                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.88                    | 22.85                       | 22.83                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.78                    | 22.85                       | 22.87                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.79                    | 22.84                       | 22.86                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.84                    | 22.84                       | 22.83                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.79                    | 22.87                       | 22.81                     |                        |



&lt;FR1 n77\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  |         | 1         | 18.75                    | 18.90                       | 18.69                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 18.75                    | 18.85                       | 18.65                     | 19.2                   |
| 100             | PI/2 BPSK  | 1       | 271       | 18.67                    | 18.78                       | 18.58                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 18.66                    | 18.77                       | 18.65                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 18.58                    | 18.74                       | 18.61                     | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 138       | 18.58                    | 18.76                       | 18.66                     | 19.2                   |
| 100             | PI/2 BPSK  | 270     | 0         | 17.56                    | 17.71                       | 17.57                     |                        |
| 100             | QPSK       | 1       | 1         | 18.75                    | 18.87                       | 18.72                     |                        |
| 100             | QPSK       | 1       | 137       | 18.65                    | 18.84                       | 18.64                     | 19.2                   |
| 100             | QPSK       | 1       | 271       | 18.62                    | 18.80                       | 18.63                     |                        |
| 100             | QPSK       | 135     | 0         | 18.59                    | 18.78                       | 18.58                     |                        |
| 100             | QPSK       | 135     | 69        | 18.54                    | 18.73                       | 18.54                     | 19.2                   |
| 100             | QPSK       | 135     | 138       | 18.56                    | 18.72                       | 18.54                     | 19.2                   |
| 100             | QPSK       | 270     | 0         | 18.58                    | 18.75                       | 18.56                     |                        |
| 100             | 16QAM      | 1       | 1         | 18.73                    | 18.89                       | 18.70                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.70                    | 18.89                       | 18.77                     | 19.2                   |
| 100             | 256QAM     | 1       | 1         | 17.90                    | 18.00                       | 17.80                     | 18.2                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.60                    | 18.73                       | 18.57                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.63                    | 18.80                       | 18.51                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.61                    | 18.78                       | 18.50                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.55                    | 18.75                       | 18.57                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.57                    | 18.76                       | 18.53                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.57                    | 18.75                       | 18.57                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.58                    | 18.71                       | 18.59                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.64                    | 18.70                       | 18.56                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.56                    | 18.76                       | 18.54                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.64                    | 18.73                       | 18.58                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.57                    | 18.79                       | 18.53                     |                        |



&lt;FR1 n77\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    |                        |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  |         | 1         | 15.85                    | 16.00                       | 15.79                     | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       | 15.67                    | 15.91                       | 15.59                     |                        |
| 100             | PI/2 BPSK  | 1       | 271       | 15.65                    | 15.84                       | 15.64                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 15.66                    | 15.89                       | 15.61                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        | 15.73                    | 15.89                       | 15.61                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 15.69                    | 15.83                       | 15.62                     | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         | 15.65                    | 15.88                       | 15.67                     |                        |
| 100             | QPSK       | 1       | 1         | 15.71                    | 15.81                       | 15.66                     | 16.3                   |
| 100             | QPSK       | 1       | 137       | 15.54                    | 15.78                       | 15.43                     |                        |
| 100             | QPSK       | 1       | 271       | 15.47                    | 15.69                       | 15.42                     |                        |
| 100             | QPSK       | 135     | 0         | 15.56                    | 15.66                       | 15.45                     | 16.3                   |
| 100             | QPSK       | 135     | 69        | 15.63                    | 15.72                       | 15.50                     | 16.3                   |
| 100             | QPSK       | 135     | 138       | 15.52                    | 15.69                       | 15.47                     | 16.3                   |
| 100             | QPSK       | 270     | 0         | 15.68                    | 15.72                       | 15.48                     |                        |
| 100             | 16QAM      | 1       | 1         | 15.61                    | 15.98                       | 15.61                     | 16.3                   |
| 100             | 64QAM      | 1       | 1         | 15.63                    | 15.95                       | 15.56                     | 16.3                   |
| 100             | 256QAM     | 1       | 1         | 15.50                    | 15.92                       | 15.47                     | 16.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.74                    | 15.81                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.78                       | 15.61                     | 16.3                   |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.69                    | 15.88                       | 15.68                     | 16.3                   |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.86                       | 15.68                     | 16.3                   |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.74                    | 15.83                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.81                       | 15.64                     | 16.3                   |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.68                    | 15.86                       | 15.65                     | 16.3                   |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.86                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.79                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.82                       | 15.60                     | 16.3                   |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.87                       | 15.68                     | 16.3                   |



&lt;FR1 n77\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.42                    | 19.10                       | 19.18                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.20                    | 18.97                       | 19.06                     | 20.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.23                    | 18.95                       | 19.01                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.22                    | 19.01                       | 19.07                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.25                    | 19.02                       | 19.05                     | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.18                    | 18.99                       | 19.06                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 19.24                    | 18.94                       | 19.15                     |                        |
| 100             | QPSK       | 1       | 1         | 19.27                    | 19.03                       | 19.10                     | 20.3                   |
| 100             | QPSK       | 1       | 137       | 19.32                    | 19.01                       | 19.06                     |                        |
| 100             | QPSK       | 1       | 271       | 19.19                    | 19.01                       | 19.08                     |                        |
| 100             | QPSK       | 135     | 0         | 19.29                    | 18.94                       | 19.09                     | 20.3                   |
| 100             | QPSK       | 135     | 69        | 19.19                    | 18.99                       | 19.01                     |                        |
| 100             | QPSK       | 135     | 138       | 19.21                    | 19.04                       | 19.03                     |                        |
| 100             | QPSK       | 270     | 0         | 19.23                    | 18.96                       | 19.14                     | 20.3                   |
| 100             | 16QAM      | 1       | 1         | 19.24                    | 18.98                       | 19.14                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.35                    | 18.93                       | 19.05                     |                        |
| 100             | 256QAM     | 1       | 1         | 19.33                    | 18.94                       | 19.13                     | 20.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.22                    | 18.99                       | 19.05                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.24                    | 18.98                       | 19.00                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.28                    | 18.92                       | 18.99                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.31                    | 18.98                       | 19.01                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.26                    | 18.93                       | 19.05                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.27                    | 18.92                       | 18.98                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.25                    | 18.92                       | 19.01                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.26                    | 18.96                       | 19.06                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.23                    | 18.96                       | 19.05                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.30                    | 18.93                       | 19.07                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.29                    | 18.92                       | 19.07                     |                        |



&lt;FR1 n77\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.09                    | 18.10                       | 17.92                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 17.97                    | 17.64                       | 17.81                     | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.90                    | 17.65                       | 17.81                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 18.00                    | 17.73                       | 17.75                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.98                    | 17.62                       | 17.77                     | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.92                    | 17.62                       | 17.78                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 17.93                    | 17.70                       | 17.85                     |                        |
| 100             | QPSK       | 1       | 1         | 17.95                    | 17.73                       | 17.82                     | 18.5                   |
| 100             | QPSK       | 1       | 137       | 17.94                    | 17.75                       | 17.74                     |                        |
| 100             | QPSK       | 1       | 271       | 17.91                    | 17.68                       | 17.82                     |                        |
| 100             | QPSK       | 135     | 0         | 17.94                    | 17.71                       | 17.74                     | 18.5                   |
| 100             | QPSK       | 135     | 69        | 17.89                    | 17.69                       | 17.74                     |                        |
| 100             | QPSK       | 135     | 138       | 17.92                    | 17.67                       | 17.74                     |                        |
| 100             | QPSK       | 270     | 0         | 17.93                    | 17.75                       | 17.86                     | 18.5                   |
| 100             | 16QAM      | 1       | 1         | 17.93                    | 17.68                       | 17.80                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.04                    | 17.69                       | 17.73                     |                        |
| 100             | 256QAM     | 1       | 1         | 17.94                    | 17.68                       | 17.78                     | 18.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.96                    | 17.66                       | 17.72                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.90                    | 17.67                       | 17.76                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.99                    | 17.66                       | 17.81                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.90                    | 17.68                       | 17.82                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.94                    | 17.61                       | 17.74                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.96                    | 17.59                       | 17.82                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.98                    | 17.63                       | 17.73                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.97                    | 17.66                       | 17.74                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.92                    | 17.68                       | 17.73                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.93                    | 17.59                       | 17.80                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.95                    | 17.61                       | 17.73                     |                        |



&lt;FR1 n77\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.13                    | 18.32                       | 18.23                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 17.97                    | 18.13                       | 18.02                     | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.95                    | 18.10                       | 18.08                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 18.11                    | 18.25                       | 18.10                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 18.06                    | 18.18                       | 18.04                     | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.95                    | 18.22                       | 18.07                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 17.97                    | 18.16                       | 18.08                     |                        |
| 100             | QPSK       | 1       | 1         | 17.96                    | 18.11                       | 18.16                     | 18.5                   |
| 100             | QPSK       | 1       | 137       | 18.02                    | 18.14                       | 18.08                     |                        |
| 100             | QPSK       | 1       | 271       | 17.95                    | 18.16                       | 18.07                     |                        |
| 100             | QPSK       | 135     | 0         | 18.02                    | 18.08                       | 18.14                     | 18.5                   |
| 100             | QPSK       | 135     | 69        | 18.04                    | 18.08                       | 18.12                     |                        |
| 100             | QPSK       | 135     | 138       | 18.00                    | 18.14                       | 18.16                     |                        |
| 100             | QPSK       | 270     | 0         | 17.98                    | 18.09                       | 18.13                     | 18.5                   |
| 100             | 16QAM      | 1       | 1         | 17.99                    | 18.21                       | 18.12                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.05                    | 18.11                       | 18.13                     |                        |
| 100             | 256QAM     | 1       | 1         | 18.00                    | 18.08                       | 18.02                     | 18.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.99                    | 18.19                       | 18.09                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.00                    | 18.12                       | 18.12                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.95                    | 18.17                       | 18.11                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.95                    | 18.16                       | 18.12                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.96                    | 18.20                       | 18.12                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.19                       | 18.13                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.93                    | 18.12                       | 18.06                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.12                       | 18.07                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.96                    | 18.21                       | 18.09                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.21                       | 18.08                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.12                       | 18.08                     |                        |



<FR1 n77\_Ant 3\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.67                    | 19.99                       | 19.94                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.54                    | 19.75                       | 19.80                     | 20.7                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.50                    | 19.76                       | 19.72                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.49                    | 19.90                       | 19.69                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.61                    | 19.82                       | 19.71                     | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.58                    | 19.82                       | 19.78                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 19.54                    | 19.79                       | 19.80                     |                        |
| 100             | QPSK       | 1       | 1         | 19.56                    | 19.82                       | 19.77                     | 20.7                   |
| 100             | QPSK       | 1       | 137       | 19.64                    | 19.82                       | 19.78                     |                        |
| 100             | QPSK       | 1       | 271       | 19.53                    | 19.82                       | 19.68                     |                        |
| 100             | QPSK       | 135     | 0         | 19.61                    | 19.82                       | 19.76                     | 20.7                   |
| 100             | QPSK       | 135     | 69        | 19.48                    | 19.76                       | 19.78                     |                        |
| 100             | QPSK       | 135     | 138       | 19.59                    | 19.81                       | 19.80                     |                        |
| 100             | QPSK       | 270     | 0         | 19.56                    | 19.86                       | 19.79                     | 20.7                   |
| 100             | 16QAM      | 1       | 1         | 19.63                    | 19.86                       | 19.78                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.55                    | 19.78                       | 19.71                     |                        |
| 100             | 256QAM     | 1       | 1         | 19.53                    | 19.75                       | 19.77                     | 20.7                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.85                       | 19.77                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.52                    | 19.88                       | 19.78                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.51                    | 19.87                       | 19.74                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.56                    | 19.86                       | 19.75                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.85                       | 19.82                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.52                    | 19.84                       | 19.82                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.51                    | 19.87                       | 19.83                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.49                    | 19.79                       | 19.79                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.47                    | 19.87                       | 19.81                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.54                    | 19.82                       | 19.77                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 20.7                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.87                       | 19.84                     |                        |



&lt;FR1 n77\_Ant 4\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    |                        |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  |         | 1         | 15.85                    | 16.00                       | 15.79                     | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       | 15.67                    | 15.91                       | 15.59                     |                        |
| 100             | PI/2 BPSK  | 1       | 271       | 15.65                    | 15.84                       | 15.64                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 15.66                    | 15.89                       | 15.61                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        | 15.73                    | 15.89                       | 15.61                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 15.69                    | 15.83                       | 15.62                     | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         | 15.65                    | 15.88                       | 15.67                     |                        |
| 100             | QPSK       | 1       | 1         | 15.71                    | 15.81                       | 15.66                     | 16.3                   |
| 100             | QPSK       | 1       | 137       | 15.54                    | 15.78                       | 15.43                     |                        |
| 100             | QPSK       | 1       | 271       | 15.47                    | 15.69                       | 15.42                     |                        |
| 100             | QPSK       | 135     | 0         | 15.56                    | 15.66                       | 15.45                     | 16.3                   |
| 100             | QPSK       | 135     | 69        | 15.63                    | 15.72                       | 15.50                     | 16.3                   |
| 100             | QPSK       | 135     | 138       | 15.52                    | 15.69                       | 15.47                     | 16.3                   |
| 100             | QPSK       | 270     | 0         | 15.68                    | 15.72                       | 15.48                     |                        |
| 100             | 16QAM      | 1       | 1         | 15.61                    | 15.98                       | 15.61                     | 16.3                   |
| 100             | 64QAM      | 1       | 1         | 15.63                    | 15.95                       | 15.56                     | 16.3                   |
| 100             | 256QAM     | 1       | 1         | 15.50                    | 15.92                       | 15.47                     | 16.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.74                    | 15.81                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.78                       | 15.61                     | 16.3                   |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.69                    | 15.88                       | 15.68                     | 16.3                   |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.86                       | 15.68                     | 16.3                   |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.74                    | 15.83                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.81                       | 15.64                     | 16.3                   |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.68                    | 15.86                       | 15.65                     | 16.3                   |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.86                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.71                    | 15.79                       | 15.69                     | 16.3                   |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.82                       | 15.60                     | 16.3                   |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.87                       | 15.68                     | 16.3                   |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 26.98                    | 27.12                       | 27.03                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 26.94                    | 27.04                       | 26.94                     | 27.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 26.97                    | 27.02                       | 26.94                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 26.96                    | 27.06                       | 27.05                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 27.00                    | 27.01                       | 26.98                     | 27.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 26.99                    | 27.01                       | 26.99                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 27.06                    | 27.06                       | 26.98                     |                        |
| 100             | QPSK       | 1       | 1         | 27.00                    | 27.10                       | 27.06                     | 27.5                   |
| 100             | QPSK       | 1       | 137       | 26.99                    | 27.08                       | 27.04                     |                        |
| 100             | QPSK       | 1       | 271       | 26.99                    | 27.00                       | 26.92                     |                        |
| 100             | QPSK       | 135     | 0         | 27.01                    | 27.07                       | 27.06                     | 27.5                   |
| 100             | QPSK       | 135     | 69        | 26.96                    | 27.00                       | 26.96                     |                        |
| 100             | QPSK       | 135     | 138       | 26.94                    | 26.98                       | 26.96                     |                        |
| 100             | QPSK       | 270     | 0         | 26.96                    | 27.02                       | 26.95                     | 27.5                   |
| 100             | 16QAM      | 1       | 1         | 27.08                    | 27.10                       | 27.06                     |                        |
| 100             | 64QAM      | 1       | 1         | 25.73                    | 25.82                       | 25.72                     |                        |
| 100             | 256QAM     | 1       | 1         | 23.65                    | 23.65                       | 23.57                     | 24.0                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 26.88                    | 27.10                       | 26.99                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 26.91                    | 27.07                       | 27.03                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 26.91                    | 27.09                       | 27.01                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 26.91                    | 27.06                       | 27.01                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 26.97                    | 27.04                       | 27.02                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 26.93                    | 27.10                       | 26.96                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 26.96                    | 27.02                       | 27.03                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 26.94                    | 27.03                       | 26.98                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 26.88                    | 27.08                       | 26.99                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 26.90                    | 27.09                       | 27.00                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 26.91                    | 27.09                       | 26.94                     |                        |



&lt;FR1 n77\_HPUE\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 24.39                    | 24.45                       | 24.32                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 24.14                    | 24.28                       | 24.11                     | 24.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 24.16                    | 24.26                       | 24.09                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 24.20                    | 24.31                       | 24.14                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 24.12                    | 24.20                       | 23.98                     | 24.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 24.08                    | 24.17                       | 24.01                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 24.19                    | 24.29                       | 24.13                     |                        |
| 100             | QPSK       | 1       | 1         | 24.21                    | 24.32                       | 24.10                     | 24.5                   |
| 100             | QPSK       | 1       | 137       | 24.11                    | 24.22                       | 24.07                     |                        |
| 100             | QPSK       | 1       | 271       | 23.97                    | 24.09                       | 23.91                     |                        |
| 100             | QPSK       | 135     | 0         | 24.11                    | 24.23                       | 24.05                     | 24.5                   |
| 100             | QPSK       | 135     | 69        | 24.12                    | 24.18                       | 23.99                     |                        |
| 100             | QPSK       | 135     | 138       | 23.97                    | 24.07                       | 23.85                     |                        |
| 100             | QPSK       | 270     | 0         | 24.18                    | 24.26                       | 24.04                     | 24.5                   |
| 100             | 16QAM      | 1       | 1         | 24.05                    | 24.19                       | 23.96                     |                        |
| 100             | 64QAM      | 1       | 1         | 24.22                    | 24.28                       | 24.13                     |                        |
| 100             | 256QAM     | 1       | 1         | 23.36                    | 23.47                       | 23.27                     | 23.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.44                       | 24.23                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.28                    | 24.41                       | 24.28                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.31                    | 24.36                       | 24.22                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.33                    | 24.37                       | 24.25                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.34                    | 24.39                       | 24.25                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.28                    | 24.40                       | 24.25                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.29                    | 24.44                       | 24.28                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.37                    | 24.43                       | 24.27                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.30                    | 24.35                       | 24.26                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.39                       | 24.23                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 24.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.37                    | 24.42                       | 24.28                     |                        |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 25.95                    | 26.01                       | 25.92                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 25.75                    | 25.92                       | 25.82                     | 26.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 25.62                    | 25.83                       | 25.71                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 25.76                    | 25.85                       | 25.64                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 25.74                    | 25.78                       | 25.76                     | 26.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 25.46                    | 25.65                       | 25.52                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 25.61                    | 25.73                       | 25.52                     |                        |
| 100             | QPSK       | 1       | 1         | 25.76                    | 25.86                       | 25.73                     | 26.3                   |
| 100             | QPSK       | 1       | 137       | 25.81                    | 25.99                       | 25.92                     |                        |
| 100             | QPSK       | 1       | 271       | 25.67                    | 25.89                       | 25.77                     |                        |
| 100             | QPSK       | 135     | 0         | 25.56                    | 25.78                       | 25.60                     | 26.3                   |
| 100             | QPSK       | 135     | 69        | 25.72                    | 25.81                       | 25.68                     |                        |
| 100             | QPSK       | 135     | 138       | 25.58                    | 25.75                       | 25.72                     |                        |
| 100             | QPSK       | 270     | 0         | 25.51                    | 25.63                       | 25.67                     | 26.3                   |
| 100             | 16QAM      | 1       | 1         | 25.74                    | 25.87                       | 25.77                     |                        |
| 100             | 64QAM      | 1       | 1         | 25.87                    | 25.91                       | 25.80                     |                        |
| 100             | 256QAM     | 1       | 1         | 23.88                    | 23.79                       | 23.83                     | 24.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 25.82                    | 25.84                       | 25.77                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 25.80                    | 25.89                       | 25.76                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 25.82                    | 25.88                       | 25.78                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 25.85                    | 25.88                       | 25.78                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 25.78                    | 25.89                       | 25.76                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.84                    | 25.90                       | 25.79                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 25.79                    | 25.81                       | 25.75                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 25.83                    | 25.82                       | 25.82                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.80                    | 25.83                       | 25.76                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.77                    | 25.87                       | 25.80                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 26.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.79                    | 25.89                       | 25.75                     |                        |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.50                    | 22.26                       | 22.36                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.29                    | 22.20                       | 22.24                     | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.35                    | 22.10                       | 22.23                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.37                    | 22.12                       | 22.18                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.28                    | 22.13                       | 22.18                     | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.30                    | 22.07                       | 22.24                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 22.30                    | 22.09                       | 22.26                     |                        |
| 100             | QPSK       | 1       | 1         | 22.28                    | 22.09                       | 22.31                     | 23.3                   |
| 100             | QPSK       | 1       | 137       | 22.29                    | 22.04                       | 22.16                     |                        |
| 100             | QPSK       | 1       | 271       | 22.32                    | 22.12                       | 22.22                     |                        |
| 100             | QPSK       | 135     | 0         | 22.42                    | 22.07                       | 22.22                     | 23.3                   |
| 100             | QPSK       | 135     | 69        | 22.35                    | 22.10                       | 22.22                     |                        |
| 100             | QPSK       | 135     | 138       | 22.31                    | 22.07                       | 22.20                     |                        |
| 100             | QPSK       | 270     | 0         | 22.32                    | 22.20                       | 22.21                     | 23.3                   |
| 100             | 16QAM      | 1       | 1         | 22.41                    | 22.14                       | 22.26                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.31                    | 22.10                       | 22.25                     |                        |
| 100             | 256QAM     | 1       | 1         | 22.36                    | 22.07                       | 22.20                     | 23.3                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.35                    | 22.07                       | 22.24                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.32                    | 22.15                       | 22.17                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.38                    | 22.06                       | 22.20                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.32                    | 22.16                       | 22.25                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.36                    | 22.08                       | 22.20                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.38                    | 22.15                       | 22.21                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.33                    | 22.09                       | 22.21                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.39                    | 22.07                       | 22.24                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.37                    | 22.08                       | 22.18                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.40                    | 22.11                       | 22.24                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.37                    | 22.14                       | 22.23                     |                        |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.10                    | 21.11                       | 21.02                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.91                    | 20.73                       | 20.85                     | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 20.89                    | 20.71                       | 20.74                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.95                    | 20.72                       | 20.83                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 20.85                    | 20.71                       | 20.75                     | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.94                    | 20.68                       | 20.87                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 20.94                    | 20.66                       | 20.89                     |                        |
| 100             | QPSK       | 1       | 1         | 20.92                    | 20.77                       | 20.83                     | 21.5                   |
| 100             | QPSK       | 1       | 137       | 20.86                    | 20.71                       | 20.79                     |                        |
| 100             | QPSK       | 1       | 271       | 20.90                    | 20.78                       | 20.87                     |                        |
| 100             | QPSK       | 135     | 0         | 20.94                    | 20.70                       | 20.83                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 20.90                    | 20.72                       | 20.81                     |                        |
| 100             | QPSK       | 135     | 138       | 20.88                    | 20.70                       | 20.82                     |                        |
| 100             | QPSK       | 270     | 0         | 20.85                    | 20.78                       | 20.85                     | 21.5                   |
| 100             | 16QAM      | 1       | 1         | 21.00                    | 20.72                       | 20.82                     |                        |
| 100             | 64QAM      | 1       | 1         | 20.88                    | 20.67                       | 20.85                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.97                    | 20.71                       | 20.75                     | 21.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.96                    | 20.69                       | 20.88                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.92                    | 20.76                       | 20.89                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.92                    | 20.74                       | 20.90                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 20.97                    | 20.75                       | 20.83                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.90                    | 20.78                       | 20.86                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.92                    | 20.74                       | 20.88                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.91                    | 20.75                       | 20.87                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.99                    | 20.73                       | 20.91                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 20.98                    | 20.71                       | 20.86                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 20.92                    | 20.70                       | 20.87                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 20.97                    | 20.75                       | 20.91                     |                        |



&lt;FR1 n77\_HPUE\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 650000                   | 656000                      | 662000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3750                     | 3840                        | 3930                      |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.33                       | 21.15                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.04                    | 21.11                       | 20.99                     | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.13                    | 21.13                       | 20.97                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.09                    | 21.20                       | 21.04                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.07                    | 21.11                       | 21.03                     | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 21.10                    | 21.18                       | 21.02                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.13                    | 21.12                       | 21.07                     |                        |
| 100             | QPSK       | 1       | 1         | 21.09                    | 21.11                       | 21.06                     | 21.5                   |
| 100             | QPSK       | 1       | 137       | 21.18                    | 21.16                       | 21.04                     |                        |
| 100             | QPSK       | 1       | 271       | 21.04                    | 21.11                       | 21.09                     |                        |
| 100             | QPSK       | 135     | 0         | 21.08                    | 21.12                       | 21.06                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 21.16                    | 21.16                       | 21.04                     |                        |
| 100             | QPSK       | 135     | 138       | 21.11                    | 21.07                       | 21.00                     |                        |
| 100             | QPSK       | 270     | 0         | 21.14                    | 21.15                       | 21.09                     | 21.5                   |
| 100             | 16QAM      | 1       | 1         | 21.11                    | 21.20                       | 21.03                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.07                    | 21.17                       | 21.06                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.10                    | 21.14                       | 21.12                     | 21.5                   |
| Channel         |            |         |           | 649668                   | 656000                      | 662332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3745.02                  | 3840                        | 3934.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.12                    | 21.03                       | 21.01                     |                        |
| Channel         |            |         |           | 649334                   | 656000                      | 662666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3740.01                  | 3840                        | 3939.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.11                    | 21.11                       | 20.97                     |                        |
| Channel         |            |         |           | 649000                   | 656000                      | 663000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3735                     | 3840                        | 3945                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.12                    | 21.12                       | 20.99                     |                        |
| Channel         |            |         |           | 648668                   | 656000                      | 663332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3730.02                  | 3840                        | 3949.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.17                    | 21.05                       | 20.96                     |                        |
| Channel         |            |         |           | 648334                   | 656000                      | 663666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3725.01                  | 3840                        | 3954.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.13                    | 21.11                       | 21.03                     |                        |
| Channel         |            |         |           | 648000                   | 656000                      | 664000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3720                     | 3840                        | 3960                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.11                    | 21.12                       | 20.99                     |                        |
| Channel         |            |         |           | 647668                   | 656000                      | 664332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3715.02                  | 3840.00                     | 3964.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.20                    | 21.07                       | 21.00                     |                        |
| Channel         |            |         |           | 647500                   | 656000                      | 664500                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3712.5                   | 3840.00                     | 3967.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.10                    | 21.13                       | 21.04                     |                        |
| Channel         |            |         |           | 647334                   | 656000                      | 664666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3710.01                  | 3840                        | 3969.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.16                    | 21.10                       | 21.04                     |                        |
| Channel         |            |         |           | 647168                   | 656000                      | 664832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3707.52                  | 3840                        | 3972.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.12                    | 21.12                       | 20.96                     |                        |
| Channel         |            |         |           | 647000                   | 656000                      | 665000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3705                     | 3840                        | 3975                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.16                    | 21.06                       | 20.96                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n77\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.51                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.44                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.22                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.32                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.26                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.14                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.36                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.43                       |                           | 22.0                   |
| 100             | QPSK       | 1       | 137       |                          | 21.36                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.12                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.20                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 69        |                          | 21.20                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 138       |                          | 21.14                       |                           | 22.0                   |
| 100             | QPSK       | 270     | 0         |                          | 21.21                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.40                       |                           | 22.0                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.35                       |                           | 22.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 21.37                       |                           | 22.0                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.50                       | 21.26                     | 22.0                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.37                    | 21.42                       | 21.23                     | 22.0                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.46                       | 21.24                     | 22.0                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.40                    | 21.46                       | 21.28                     | 22.0                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                    | 21.45                       | 21.19                     | 22.0                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.38                    | 21.41                       | 21.21                     | 22.0                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.42                       | 21.27                     | 22.0                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.41                    | 21.40                       | 21.19                     | 22.0                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                    | 21.45                       | 21.27                     | 22.0                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.40                    | 21.45                       | 21.28                     | 22.0                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.42                       | 21.26                     | 22.0                   |



&lt;FR1 n77\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.80                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.77                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.72                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.77                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.65                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.69                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.67                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.68                       |                           | 22.0                   |
| 100             | QPSK       | 1       | 137       |                          | 21.64                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.56                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.65                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 69        |                          | 21.59                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 138       |                          | 21.61                       |                           | 22.0                   |
| 100             | QPSK       | 270     | 0         |                          | 21.61                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.69                       |                           | 22.0                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.75                       |                           | 22.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 21.45                       |                           | 22.0                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.76                       | 21.67                     | 22.0                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.64                    | 21.78                       | 21.68                     | 22.0                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.60                    | 21.75                       | 21.66                     | 22.0                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.69                    | 21.71                       | 21.71                     | 22.0                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.69                    | 21.75                       | 21.66                     | 22.0                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.61                    | 21.69                       | 21.64                     | 22.0                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.65                    | 21.79                       | 21.74                     | 22.0                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.68                    | 21.72                       | 21.71                     | 22.0                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.60                    | 21.69                       | 21.72                     | 22.0                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                    | 21.69                       | 21.66                     | 22.0                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.61                    | 21.73                       | 21.72                     | 22.0                   |



&lt;FR1 n77\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           | 25.0                   |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 24.55                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 24.51                       |                           | 25.0                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 24.44                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 24.49                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 24.45                       |                           | 25.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 24.41                       |                           |                        |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 24.47                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 24.49                       |                           | 25.0                   |
| 100             | QPSK       | 1       | 137       |                          | 24.46                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 24.49                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 24.45                       |                           | 25.0                   |
| 100             | QPSK       | 135     | 69        |                          | 24.45                       |                           |                        |
| 100             | QPSK       | 135     | 138       |                          | 24.44                       |                           |                        |
| 100             | QPSK       | 270     | 0         |                          | 24.40                       |                           | 25.0                   |
| 100             | 16QAM      | 1       | 1         |                          | 24.42                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 23.44                       |                           |                        |
| 100             | 256QAM     | 1       | 1         |                          | 21.49                       |                           | 21.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.49                       | 24.46                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.45                    | 24.48                       | 24.45                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.46                    | 24.54                       | 24.51                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.54                    | 24.53                       | 24.46                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.53                    | 24.49                       | 24.45                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.53                    | 24.47                       | 24.52                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.53                    | 24.54                       | 24.51                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.50                    | 24.46                       | 24.45                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.45                    | 24.48                       | 24.45                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.54                    | 24.49                       | 24.49                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | 25.0                   |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.45                    | 24.47                       | 24.49                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n77\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.40                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.25                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.31                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.19                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.19                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.13                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.19                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.26                       |                           | 21.5                   |
| 100             | QPSK       | 1       | 137       |                          | 21.18                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.05                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.17                       |                           | 21.5                   |
| 100             | QPSK       | 135     | 69        |                          | 21.10                       |                           | 21.5                   |
| 100             | QPSK       | 135     | 138       |                          | 21.09                       |                           | 21.5                   |
| 100             | QPSK       | 270     | 0         |                          | 21.22                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.16                       |                           | 21.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.27                       |                           | 21.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 21.24                       |                           | 21.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.26                    | 21.30                       | 21.25                     | 21.5                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.28                    | 21.30                       | 21.31                     | 21.5                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.22                    | 21.34                       | 21.32                     | 21.5                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.19                    | 21.30                       | 21.28                     | 21.5                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.24                    | 21.37                       | 21.26                     | 21.5                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.28                    | 21.29                       | 21.33                     | 21.5                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.22                    | 21.39                       | 21.34                     | 21.5                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.23                    | 21.34                       | 21.29                     | 21.5                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.25                    | 21.29                       | 21.26                     | 21.5                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                    | 21.38                       | 21.27                     | 21.5                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.28                    | 21.39                       | 21.26                     | 21.5                   |



&lt;FR1 n77\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 22.72                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 22.69                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 22.59                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 22.69                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 22.68                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 22.50                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 22.56                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 22.70                       |                           | 23.3                   |
| 100             | QPSK       | 1       | 137       |                          | 22.61                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 22.58                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 22.63                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 69        |                          | 22.71                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 138       |                          | 22.46                       |                           | 23.3                   |
| 100             | QPSK       | 270     | 0         |                          | 22.66                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 22.64                       |                           | 23.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 22.68                       |                           | 23.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 20.76                       |                           | 21.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.59                    | 22.57                       | 22.57                     | 23.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.61                    | 22.57                       | 22.61                     | 23.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.60                    | 22.54                       | 22.59                     | 23.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.57                    | 22.61                       | 22.53                     | 23.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.61                    | 22.58                       | 22.53                     | 23.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.52                    | 22.58                       | 22.58                     | 23.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.52                    | 22.62                       | 22.56                     | 23.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.53                    | 22.52                       | 22.62                     | 23.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.58                    | 22.58                       | 22.61                     | 23.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.58                    | 22.55                       | 22.59                     | 23.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.61                    | 22.60                       | 22.60                     | 23.3                   |



&lt;FR1 n77\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.01                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 18.80                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 18.59                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 18.86                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 18.78                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 18.63                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 18.74                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.00                       |                           | 19.2                   |
| 100             | QPSK       | 1       | 137       |                          | 18.83                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 18.62                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 18.80                       |                           | 19.2                   |
| 100             | QPSK       | 135     | 69        |                          | 18.78                       |                           | 19.2                   |
| 100             | QPSK       | 135     | 138       |                          | 18.61                       |                           | 19.2                   |
| 100             | QPSK       | 270     | 0         |                          | 18.73                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 19.00                       |                           | 19.2                   |
| 100             | 64QAM      | 1       | 1         |                          | 18.99                       |                           | 19.2                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.98                       |                           | 18.2                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.85                    | 18.89                       | 18.86                     | 19.2                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.70                    | 18.70                       | 18.72                     | 19.2                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.72                    | 18.73                       | 18.68                     | 19.2                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.66                    | 18.74                       | 18.68                     | 19.2                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.65                    | 18.79                       | 18.73                     | 19.2                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.65                    | 18.78                       | 18.66                     | 19.2                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.66                    | 18.75                       | 18.67                     | 19.2                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.72                    | 18.78                       | 18.67                     | 19.2                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.70                    | 18.71                       | 18.76                     | 19.2                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.71                    | 18.70                       | 18.66                     | 19.2                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.74                    | 18.73                       | 18.72                     | 19.2                   |



&lt;FR1 n77\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 15.90                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 15.75                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 15.72                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 15.77                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 15.76                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 15.72                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 15.72                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 15.69                       |                           | 16.3                   |
| 100             | QPSK       | 1       | 137       |                          | 15.66                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 15.59                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 15.56                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 69        |                          | 15.62                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 138       |                          | 15.56                       |                           | 16.3                   |
| 100             | QPSK       | 270     | 0         |                          | 15.55                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 15.86                       |                           | 16.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 15.80                       |                           | 16.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 15.79                       |                           | 16.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.54                    | 15.61                       | 15.59                     | 16.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.64                       | 15.58                     | 16.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.69                       | 15.54                     | 16.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.54                    | 15.63                       | 15.50                     | 16.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.58                    | 15.63                       | 15.56                     | 16.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.71                       | 15.55                     | 16.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.66                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.63                       | 15.56                     | 16.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.61                    | 15.69                       | 15.52                     | 16.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.55                    | 15.61                       | 15.54                     | 16.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.68                       | 15.52                     | 16.3                   |

**<FR1 n77\_Ant 8\_DSI 1 (WLAN ON)>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.26                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 19.12                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 19.05                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 19.15                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 19.13                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 19.20                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 19.05                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.17                       |                           | 20.3                   |
| 100             | QPSK       | 1       | 137       |                          | 19.11                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 19.05                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 19.03                       |                           | 20.3                   |
| 100             | QPSK       | 135     | 69        |                          | 19.11                       |                           | 20.3                   |
| 100             | QPSK       | 135     | 138       |                          | 19.06                       |                           | 20.3                   |
| 100             | QPSK       | 270     | 0         |                          | 19.00                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 19.12                       |                           | 20.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 19.09                       |                           | 20.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.01                       |                           | 20.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.09                    | 19.09                       | 19.11                     | 20.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.06                    | 19.11                       | 19.11                     | 20.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.14                    | 19.13                       | 19.10                     | 20.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.08                    | 19.06                       | 19.13                     | 20.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.15                    | 19.12                       | 19.15                     | 20.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.11                    | 19.06                       | 19.06                     | 20.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.12                    | 19.11                       | 19.12                     | 20.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.16                    | 19.06                       | 19.08                     | 20.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.07                    | 19.14                       | 19.11                     | 20.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.16                    | 19.16                       | 19.14                     | 20.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.09                    | 19.14                       | 19.16                     | 20.3                   |



&lt;FR1 n77\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 17.96                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 17.83                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 17.72                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 17.86                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 17.85                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 17.85                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 17.78                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 17.86                       |                           | 18.5                   |
| 100             | QPSK       | 1       | 137       |                          | 17.73                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 17.84                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 17.74                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 69        |                          | 17.80                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 138       |                          | 17.76                       |                           | 18.5                   |
| 100             | QPSK       | 270     | 0         |                          | 17.76                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 17.79                       |                           | 18.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 17.72                       |                           | 18.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.74                       |                           | 18.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.84                    | 17.80                       | 17.76                     | 18.5                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.71                       | 17.79                     | 18.5                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.80                    | 17.80                       | 17.80                     | 18.5                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.77                       | 17.82                     | 18.5                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.86                    | 17.77                       | 17.80                     | 18.5                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.81                    | 17.77                       | 17.82                     | 18.5                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.77                    | 17.78                       | 17.75                     | 18.5                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.83                    | 17.74                       | 17.77                     | 18.5                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.72                       | 17.79                     | 18.5                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.75                       | 17.78                     | 18.5                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.83                    | 17.73                       | 17.79                     | 18.5                   |



&lt;FR1 n77\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 17.98                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 17.91                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 17.96                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 17.86                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 17.82                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 17.78                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 17.85                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 17.87                       |                           | 18.5                   |
| 100             | QPSK       | 1       | 137       |                          | 17.86                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 17.88                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 17.84                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 69        |                          | 17.87                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 138       |                          | 17.87                       |                           | 18.5                   |
| 100             | QPSK       | 270     | 0         |                          | 17.80                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 17.92                       |                           | 18.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 17.86                       |                           | 18.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.94                       |                           | 18.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.85                    | 17.85                       | 17.78                     | 18.5                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.65                    | 17.68                       | 17.64                     | 18.5                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.71                    | 17.68                       | 17.68                     | 18.5                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.69                    | 17.70                       | 17.58                     | 18.5                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.70                    | 17.66                       | 17.68                     | 18.5                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.74                    | 17.71                       | 17.63                     | 18.5                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.68                    | 17.73                       | 17.59                     | 18.5                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.72                    | 17.71                       | 17.68                     | 18.5                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.68                    | 17.71                       | 17.62                     | 18.5                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.66                    | 17.68                       | 17.67                     | 18.5                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.75                    | 17.69                       | 17.61                     | 18.5                   |



&lt;FR1 n77\_Ant 3\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.80                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 19.62                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 19.65                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 19.64                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 19.62                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 19.63                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 19.69                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.66                       |                           | 20.7                   |
| 100             | QPSK       | 1       | 137       |                          | 19.62                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 19.72                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 19.68                       |                           | 20.7                   |
| 100             | QPSK       | 135     | 69        |                          | 19.62                       |                           | 20.7                   |
| 100             | QPSK       | 135     | 138       |                          | 19.65                       |                           | 20.7                   |
| 100             | QPSK       | 270     | 0         |                          | 19.65                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 19.68                       |                           | 20.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 19.64                       |                           | 20.7                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.67                       |                           | 20.7                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.71                    | 19.77                       | 19.67                     | 20.7                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.72                    | 19.75                       | 19.65                     | 20.7                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.66                    | 19.74                       | 19.72                     | 20.7                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.67                    | 19.75                       | 19.72                     | 20.7                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.64                    | 19.73                       | 19.71                     | 20.7                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.65                    | 19.73                       | 19.65                     | 20.7                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.62                    | 19.73                       | 19.70                     | 20.7                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.72                    | 19.72                       | 19.67                     | 20.7                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.64                    | 19.76                       | 19.73                     | 20.7                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.72                    | 19.79                       | 19.65                     | 20.7                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.68                    | 19.78                       | 19.65                     | 20.7                   |



&lt;FR1 n77\_Ant 4\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 15.90                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 15.75                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 15.72                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 15.77                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 15.76                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 15.72                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 15.72                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 15.69                       |                           | 16.3                   |
| 100             | QPSK       | 1       | 137       |                          | 15.66                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 15.59                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 15.56                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 69        |                          | 15.62                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 138       |                          | 15.56                       |                           | 16.3                   |
| 100             | QPSK       | 270     | 0         |                          | 15.55                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 15.86                       |                           | 16.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 15.80                       |                           | 16.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 15.79                       |                           | 16.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.54                    | 15.61                       | 15.59                     | 16.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.64                       | 15.58                     | 16.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.69                       | 15.54                     | 16.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.54                    | 15.63                       | 15.50                     | 16.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.58                    | 15.63                       | 15.56                     | 16.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.71                       | 15.55                     | 16.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.66                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.63                       | 15.56                     | 16.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.61                    | 15.69                       | 15.52                     | 16.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.55                    | 15.61                       | 15.54                     | 16.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.68                       | 15.52                     | 16.3                   |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           | 27.5                   |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 27.09                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 26.93                       |                           | 27.5                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 26.91                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 27.03                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 26.89                       |                           | 27.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 26.92                       |                           |                        |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 26.94                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 27.04                       |                           | 27.5                   |
| 100             | QPSK       | 1       | 137       |                          | 27.02                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 26.95                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 26.95                       |                           | 27.5                   |
| 100             | QPSK       | 135     | 69        |                          | 26.90                       |                           |                        |
| 100             | QPSK       | 135     | 138       |                          | 26.94                       |                           |                        |
| 100             | QPSK       | 270     | 0         |                          | 26.99                       |                           | 27.5                   |
| 100             | 16QAM      | 1       | 1         |                          | 27.07                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 25.69                       |                           |                        |
| 100             | 256QAM     | 1       | 1         |                          | 23.57                       |                           | 24.0                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 27.02                    | 27.02                       | 27.02                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 27.02                    | 27.06                       | 27.00                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 26.99                    | 27.05                       | 27.02                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 27.02                    | 27.00                       | 27.00                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 27.04                    | 27.03                       | 27.07                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 27.06                    | 27.00                       | 27.04                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 27.05                    | 27.07                       | 27.00                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 27.08                    | 27.07                       | 27.07                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 26.99                    | 27.06                       | 27.08                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 27.04                    | 27.01                       | 27.03                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | 27.5                   |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 26.99                    | 27.08                       | 27.05                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n77\_HPUE\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           | 24.5                   |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 24.46                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 24.28                       |                           | 24.5                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 24.32                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 24.31                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 24.24                       |                           | 24.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 24.23                       |                           |                        |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 24.24                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 24.30                       |                           | 24.5                   |
| 100             | QPSK       | 1       | 137       |                          | 24.24                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 24.20                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 24.18                       |                           | 24.5                   |
| 100             | QPSK       | 135     | 69        |                          | 24.24                       |                           |                        |
| 100             | QPSK       | 135     | 138       |                          | 24.14                       |                           |                        |
| 100             | QPSK       | 270     | 0         |                          | 24.26                       |                           | 24.5                   |
| 100             | 16QAM      | 1       | 1         |                          | 24.24                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 24.28                       |                           |                        |
| 100             | 256QAM     | 1       | 1         |                          | 23.47                       |                           | 23.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 24.30                    | 24.35                       | 24.25                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 24.30                    | 24.38                       | 24.28                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 24.31                    | 24.37                       | 24.33                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.42                       | 24.34                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 24.28                    | 24.45                       | 24.25                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.45                       | 24.25                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 24.29                    | 24.35                       | 24.24                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 24.31                    | 24.38                       | 24.29                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.39                       | 24.25                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 24.35                    | 24.43                       | 24.27                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 24.26                    | 24.44                       | 24.26                     |                        |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 25.80                       |                           | 26.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 25.68                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 25.62                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 25.62                       |                           | 26.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 25.58                       |                           | 26.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 25.59                       |                           | 26.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 25.57                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 25.66                       |                           | 26.3                   |
| 100             | QPSK       | 1       | 137       |                          | 25.75                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 25.65                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 25.70                       |                           | 26.3                   |
| 100             | QPSK       | 135     | 69        |                          | 25.62                       |                           | 26.3                   |
| 100             | QPSK       | 135     | 138       |                          | 25.48                       |                           | 26.3                   |
| 100             | QPSK       | 270     | 0         |                          | 25.65                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 25.67                       |                           | 26.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 24.75                       |                           | 26.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 22.72                       |                           | 24.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 25.72                    | 25.72                       | 25.57                     | 26.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 25.65                    | 25.65                       | 25.66                     | 26.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 25.66                    | 25.65                       | 25.61                     | 26.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 25.67                    | 25.64                       | 25.60                     | 26.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 25.67                    | 25.73                       | 25.60                     | 26.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 25.62                    | 25.67                       | 25.57                     | 26.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 25.67                    | 25.72                       | 25.59                     | 26.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 25.71                    | 25.64                       | 25.58                     | 26.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 25.70                    | 25.71                       | 25.64                     | 26.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 25.64                    | 25.68                       | 25.63                     | 26.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 25.65                    | 25.71                       | 25.57                     | 26.3                   |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 22.35                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 22.16                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 22.20                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 22.20                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 22.14                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 22.15                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 22.14                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 22.20                       |                           | 23.3                   |
| 100             | QPSK       | 1       | 137       |                          | 22.18                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 22.21                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 22.16                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 69        |                          | 22.14                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 138       |                          | 22.21                       |                           | 23.3                   |
| 100             | QPSK       | 270     | 0         |                          | 22.12                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 22.05                       |                           | 23.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 22.08                       |                           | 23.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 22.15                       |                           | 23.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.18                    | 22.20                       | 22.23                     | 23.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.06                       | 22.05                     | 23.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.03                    | 22.05                       | 22.03                     | 23.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.98                    | 22.10                       | 22.06                     | 23.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.00                    | 22.10                       | 22.05                     | 23.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.99                    | 22.00                       | 22.03                     | 23.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.98                    | 22.01                       | 22.06                     | 23.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.99                    | 22.02                       | 22.09                     | 23.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.06                    | 22.05                       | 22.11                     | 23.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.00                    | 22.07                       | 22.09                     | 23.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.07                    | 22.10                       | 22.09                     | 23.3                   |



&lt;FR1 n77\_HPUE\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           | 21.5                   |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.09                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.04                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 20.94                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.04                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.00                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 20.96                       |                           |                        |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 20.92                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 20.97                       |                           | 21.5                   |
| 100             | QPSK       | 1       | 137       |                          | 20.95                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 20.97                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 20.99                       |                           | 21.5                   |
| 100             | QPSK       | 135     | 69        |                          | 20.93                       |                           |                        |
| 100             | QPSK       | 135     | 138       |                          | 20.94                       |                           |                        |
| 100             | QPSK       | 270     | 0         |                          | 20.97                       |                           | 21.5                   |
| 100             | 16QAM      | 1       | 1         |                          | 20.95                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 20.88                       |                           |                        |
| 100             | 256QAM     | 1       | 1         |                          | 20.87                       |                           | 21.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.94                    | 21.03                       | 20.95                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.94                    | 20.99                       | 20.94                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.96                    | 21.00                       | 20.90                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 20.97                    | 20.99                       | 20.90                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.92                    | 21.00                       | 20.86                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.96                    | 20.99                       | 20.94                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.99                    | 21.05                       | 20.90                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.92                    | 21.02                       | 20.90                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 20.93                    | 20.96                       | 20.88                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 20.90                    | 21.04                       | 20.95                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 20.90                    | 20.99                       | 20.93                     |                        |



&lt;FR1 n77\_HPUE\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           | 21.5                   |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.22                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.08                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.04                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.05                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 20.99                       |                           | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 20.95                       |                           |                        |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.09                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 20.95                       |                           | 21.5                   |
| 100             | QPSK       | 1       | 137       |                          | 20.99                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.09                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.02                       |                           | 21.5                   |
| 100             | QPSK       | 135     | 69        |                          | 21.02                       |                           |                        |
| 100             | QPSK       | 135     | 138       |                          | 21.07                       |                           |                        |
| 100             | QPSK       | 270     | 0         |                          | 21.03                       |                           | 21.5                   |
| 100             | 16QAM      | 1       | 1         |                          | 20.95                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 20.96                       |                           |                        |
| 100             | 256QAM     | 1       | 1         |                          | 20.94                       |                           | 21.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.92                    | 20.91                       | 20.86                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.77                    | 20.80                       | 20.67                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.81                    | 20.79                       | 20.76                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 20.72                    | 20.71                       | 20.76                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.80                    | 20.71                       | 20.72                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.78                    | 20.80                       | 20.74                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.73                    | 20.81                       | 20.66                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.75                    | 20.72                       | 20.68                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 20.76                    | 20.78                       | 20.70                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 20.78                    | 20.76                       | 20.66                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 20.72                    | 20.81                       | 20.74                     |                        |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.40                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.32                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.11                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.27                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.21                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.07                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.34                    |                        | 22.0                |
| 100             | QPSK       | 1       | 137       |                       | 21.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.98                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.12                    |                        | 22.0                |
| 100             | QPSK       | 135     | 69        |                       | 21.14                    |                        | 22.0                |
| 100             | QPSK       | 135     | 138       |                       | 20.99                    |                        | 22.0                |
| 100             | QPSK       | 270     | 0         |                       | 21.04                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.33                    |                        | 22.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.24                    |                        | 22.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.27                    |                        | 22.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.30                    | 21.26                  | 22.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.35                 | 21.38                    | 21.25                  | 22.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.36                 | 21.37                    | 21.26                  | 22.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.35                    | 21.26                  | 22.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.35                    | 21.27                  | 22.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.34                    | 21.28                  | 22.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.33                    | 21.23                  | 22.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.35                    | 21.20                  | 22.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.34                    | 21.26                  | 22.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.27                 | 21.35                    | 21.28                  | 22.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.29                 | 21.36                    | 21.20                  | 22.0                |



&lt;FR1 n78\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.53                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.51                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.38                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.41                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.36                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.38                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.42                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.47                       |                           | 22.0                   |
| 100             | QPSK       | 1       | 137       |                          | 21.40                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.35                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.47                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 69        |                          | 21.29                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 138       |                          | 21.31                       |                           | 22.0                   |
| 100             | QPSK       | 270     | 0         |                          | 21.39                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.40                       |                           | 22.0                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.42                       |                           | 22.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 21.15                       |                           | 22.0                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.35                    | 21.52                       | 21.38                     | 22.0                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.37                    | 21.50                       | 21.39                     | 22.0                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.44                       | 21.43                     | 22.0                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.45                       | 21.46                     | 22.0                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.35                    | 21.46                       | 21.43                     | 22.0                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.51                       | 21.45                     | 22.0                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.42                       | 21.47                     | 22.0                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.35                    | 21.43                       | 21.46                     | 22.0                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.34                    | 21.50                       | 21.37                     | 22.0                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.43                    | 21.42                       | 21.46                     | 22.0                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.39                    | 21.49                       | 21.45                     | 22.0                   |



&lt;FR1 n78\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.33                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.27                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.14                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.18                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.15                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.15                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.19                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.24                    |                        | 25.0                |
| 100             | QPSK       | 1       | 137       |                       | 24.19                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.15                    |                        | 25.0                |
| 100             | QPSK       | 135     | 69        |                       | 24.13                    |                        | 25.0                |
| 100             | QPSK       | 135     | 138       |                       | 24.12                    |                        | 25.0                |
| 100             | QPSK       | 270     | 0         |                       | 24.15                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.19                    |                        | 25.0                |
| 100             | 64QAM      | 1       | 1         |                       | 23.34                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.39                    |                        | 21.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.22                 | 24.26                    | 24.05                  | 25.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.24                 | 24.25                    | 24.07                  | 25.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.24                 | 24.32                    | 24.05                  | 25.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.22                 | 24.23                    | 24.04                  | 25.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.30                    | 24.06                  | 25.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.24                    | 24.06                  | 25.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.31                    | 24.10                  | 25.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.17                 | 24.28                    | 24.06                  | 25.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.23                    | 24.07                  | 25.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.31                    | 24.09                  | 25.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.26                    | 24.12                  | 25.0                |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.37                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.19                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.23                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.22                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.18                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.10                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.22                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.20                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.14                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.01                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.16                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 21.15                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.07                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 21.20                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.14                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.23                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 21.21                    |                        | 21.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.35                    | 21.31                  | 21.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.22                 | 21.36                    | 21.26                  | 21.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.22                 | 21.27                    | 21.29                  | 21.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.27                    | 21.21                  | 21.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.27                    | 21.24                  | 21.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.32                    | 21.27                  | 21.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.20                 | 21.33                    | 21.23                  | 21.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.29                    | 21.30                  | 21.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.28                    | 21.22                  | 21.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.26                 | 21.28                    | 21.21                  | 21.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.26                 | 21.29                    | 21.28                  | 21.5                |



&lt;FR1 n78\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.80                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.74                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.67                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.65                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.63                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.54                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.56                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.64                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 22.78                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.75                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.54                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 22.71                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 22.58                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 22.60                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.78                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.62                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 20.65                    |                        | 21.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.63                    | 22.62                  | 23.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.55                 | 22.46                    | 22.49                  | 23.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.57                 | 22.50                    | 22.48                  | 23.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.49                 | 22.47                    | 22.50                  | 23.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.53                 | 22.43                    | 22.52                  | 23.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.54                 | 22.47                    | 22.48                  | 23.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.50                    | 22.43                  | 23.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.53                 | 22.51                    | 22.50                  | 23.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.49                 | 22.50                    | 22.50                  | 23.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.57                 | 22.43                    | 22.48                  | 23.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.51                 | 22.47                    | 22.51                  | 23.3                |



&lt;FR1 n78\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 18.72                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 18.68                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 18.60                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 18.65                       |                           | 18.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 18.65                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 18.52                       |                           | 18.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 18.63                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 18.67                       |                           | 19.2                   |
| 100             | QPSK       | 1       | 137       |                          | 18.66                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 18.63                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 18.61                       |                           | 18.7                   |
| 100             | QPSK       | 135     | 69        |                          | 18.66                       |                           | 19.2                   |
| 100             | QPSK       | 135     | 138       |                          | 18.53                       |                           | 18.7                   |
| 100             | QPSK       | 270     | 0         |                          | 18.58                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 18.70                       |                           | 18.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 18.69                       |                           | 18.7                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.75                       |                           | 18.7                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.53                    | 18.59                       | 18.62                     | 19.2                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.43                    | 18.46                       | 18.42                     | 19.2                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.38                    | 18.47                       | 18.43                     | 19.2                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.39                    | 18.43                       | 18.42                     | 19.2                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.43                    | 18.44                       | 18.48                     | 19.2                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.34                    | 18.40                       | 18.47                     | 19.2                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.36                    | 18.41                       | 18.49                     | 19.2                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.43                    | 18.44                       | 18.48                     | 19.2                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.35                    | 18.47                       | 18.52                     | 19.2                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.35                    | 18.43                       | 18.46                     | 19.2                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.38                    | 18.46                       | 18.46                     | 19.2                   |



&lt;FR1 n78\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 15.94                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 15.74                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 15.75                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 15.80                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 15.76                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 15.72                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 15.79                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 15.62                       |                           | 16.3                   |
| 100             | QPSK       | 1       | 137       |                          | 15.67                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 15.46                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 15.48                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 69        |                          | 15.56                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 138       |                          | 15.55                       |                           | 16.3                   |
| 100             | QPSK       | 270     | 0         |                          | 15.50                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 15.78                       |                           | 16.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 15.81                       |                           | 16.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 15.82                       |                           | 16.3                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.75                    | 15.62                       | 15.62                     | 16.3                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.52                       | 15.42                     | 16.3                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.44                       | 15.52                     | 16.3                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.61                    | 15.43                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.46                       | 15.43                     | 16.3                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.50                    | 15.42                       | 15.50                     | 16.3                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.52                       | 15.45                     | 16.3                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.64                    | 15.51                       | 15.48                     | 16.3                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.46                       | 15.44                     | 16.3                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.42                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.63                    | 15.42                       | 15.44                     | 16.3                   |



&lt;FR1 n78\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.01                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.74                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.86                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.92                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.78                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.84                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.81                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.79                    |                        | 20.3                |
| 100             | QPSK       | 1       | 137       |                       | 18.88                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.89                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.77                    |                        | 20.3                |
| 100             | QPSK       | 135     | 69        |                       | 18.76                    |                        | 20.3                |
| 100             | QPSK       | 135     | 138       |                       | 18.94                    |                        | 20.3                |
| 100             | QPSK       | 270     | 0         |                       | 18.76                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.81                    |                        | 20.3                |
| 100             | 64QAM      | 1       | 1         |                       | 18.79                    |                        | 20.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.87                    |                        | 20.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.89                 | 18.88                    | 18.83                  | 20.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.74                 | 18.75                    | 18.69                  | 20.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.72                    | 18.70                  | 20.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.77                    | 18.65                  | 20.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.70                    | 18.72                  | 20.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.70                    | 18.67                  | 20.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.74                 | 18.69                    | 18.69                  | 20.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.69                    | 18.63                  | 20.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.72                 | 18.71                    | 18.68                  | 20.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.73                    | 18.70                  | 20.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.70                 | 18.69                    | 18.70                  | 20.3                |



<FR1 n78\_Ant 8\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 17.72                    |                        | 18.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 17.49                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 17.54                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 17.61                    |                        | 18.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 17.44                    |                        | 18.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 17.56                    |                        | 18.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 17.55                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 17.47                    |                        | 18.5                |
| 100             | QPSK       | 1       | 137       |                       | 17.66                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 17.56                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 17.50                    |                        | 18.5                |
| 100             | QPSK       | 135     | 69        |                       | 17.45                    |                        | 18.5                |
| 100             | QPSK       | 135     | 138       |                       | 17.59                    |                        | 18.5                |
| 100             | QPSK       | 270     | 0         |                       | 17.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 17.56                    |                        | 18.5                |
| 100             | 64QAM      | 1       | 1         |                       | 17.52                    |                        | 18.5                |
| 100             | 256QAM     | 1       | 1         |                       | 17.59                    |                        | 18.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 17.62                 | 17.48                    | 17.52                  | 18.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 17.58                 | 17.58                    | 17.59                  | 18.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 17.58                 | 17.53                    | 17.49                  | 18.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 17.63                 | 17.56                    | 17.56                  | 18.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 17.58                 | 17.51                    | 17.58                  | 18.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.61                 | 17.49                    | 17.51                  | 18.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.64                 | 17.48                    | 17.51                  | 18.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.60                 | 17.51                    | 17.57                  | 18.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.64                 | 17.58                    | 17.54                  | 18.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.54                 | 17.53                    | 17.56                  | 18.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.57                 | 17.49                    | 17.49                  | 18.5                |



&lt;FR1 n78\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 18.21                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 18.01                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 18.00                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 18.04                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 18.05                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 18.01                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 17.99                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 18.10                       |                           | 18.5                   |
| 100             | QPSK       | 1       | 137       |                          | 17.99                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 18.05                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 18.03                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 69        |                          | 18.00                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 138       |                          | 18.03                       |                           | 18.5                   |
| 100             | QPSK       | 270     | 0         |                          | 17.99                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 18.07                       |                           | 18.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 18.00                       |                           | 18.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.96                       |                           | 18.5                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.11                    | 18.05                       | 17.94                     | 18.5                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.10                    | 18.01                       | 18.03                     | 18.5                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.05                       | 18.02                     | 18.5                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.04                    | 18.03                       | 17.98                     | 18.5                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.04                    | 18.03                       | 17.99                     | 18.5                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.08                    | 18.01                       | 17.95                     | 18.5                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.06                    | 18.01                       | 18.00                     | 18.5                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.06                    | 17.99                       | 17.97                     | 18.5                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.08                    | 17.98                       | 18.02                     | 18.5                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.02                    | 18.06                       | 18.01                     | 18.5                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.03                    | 18.02                       | 18.02                     | 18.5                   |



&lt;FR1 n78\_Ant 3\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 650000                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3750                        |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.66                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 19.44                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 19.43                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 19.52                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 19.51                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 19.39                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 19.58                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.59                       |                           | 20.7                   |
| 100             | QPSK       | 1       | 137       |                          | 19.44                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 19.53                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 19.57                       |                           | 20.7                   |
| 100             | QPSK       | 135     | 69        |                          | 19.45                       |                           | 20.7                   |
| 100             | QPSK       | 135     | 138       |                          | 19.39                       |                           | 20.7                   |
| 100             | QPSK       | 270     | 0         |                          | 19.60                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 19.51                       |                           | 20.7                   |
| 100             | 64QAM      | 1       | 1         |                          | 19.52                       |                           | 20.7                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.42                       |                           | 20.7                   |
| Channel         |            |         |           | 649668                   | 650000                      | 650332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3745.02                  | 3750                        | 3754.98                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.47                       | 19.51                     | 20.7                   |
| Channel         |            |         |           | 649334                   | 650000                      | 650666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3740.01                  | 3750                        | 3759.99                   |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.53                    | 19.49                       | 19.55                     | 20.7                   |
| Channel         |            |         |           | 649000                   | 650000                      | 651000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3735                     | 3750                        | 3765                      |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.52                       | 19.55                     | 20.7                   |
| Channel         |            |         |           | 648668                   | 650000                      | 651332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3730.02                  | 3750                        | 3769.98                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.47                    | 19.48                       | 19.56                     | 20.7                   |
| Channel         |            |         |           | 648334                   | 650000                      | 651666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3725.01                  | 3750                        | 3774.99                   |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.46                       | 19.56                     | 20.7                   |
| Channel         |            |         |           | 648000                   | 650000                      | 652000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3720                     | 3750                        | 3780                      |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.52                    | 19.52                       | 19.55                     | 20.7                   |
| Channel         |            |         |           | 647668                   | 650000                      | 652332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3715.02                  | 3750.00                     | 3784.98                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.49                    | 19.49                       | 19.50                     | 20.7                   |
| Channel         |            |         |           | 647500                   | 650000                      | 652500                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3712.5                   | 3750.00                     | 3787.50                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.54                    | 19.52                       | 19.54                     | 20.7                   |
| Channel         |            |         |           | 647334                   | 650000                      | 652666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3710.01                  | 3750                        | 3789.99                   |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.55                    | 19.51                       | 19.50                     | 20.7                   |
| Channel         |            |         |           | 647168                   | 650000                      | 652832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3707.52                  | 3750                        | 3792.48                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.51                    | 19.45                       | 19.50                     | 20.7                   |
| Channel         |            |         |           | 647000                   | 650000                      | 653000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3705                     | 3750                        | 3795                      |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.49                    | 19.51                       | 19.51                     | 20.7                   |



<FR1 n78\_Ant 4\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 15.94                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.74                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 15.75                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 15.80                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 15.76                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.72                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 15.79                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 15.62                    |                        | 16.3                |
| 100             | QPSK       | 1       | 137       |                       | 15.67                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 15.46                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 15.48                    |                        | 16.3                |
| 100             | QPSK       | 135     | 69        |                       | 15.56                    |                        | 16.3                |
| 100             | QPSK       | 135     | 138       |                       | 15.55                    |                        | 16.3                |
| 100             | QPSK       | 270     | 0         |                       | 15.50                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 15.78                    |                        | 16.3                |
| 100             | 64QAM      | 1       | 1         |                       | 15.81                    |                        | 16.3                |
| 100             | 256QAM     | 1       | 1         |                       | 15.82                    |                        | 16.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.75                 | 15.62                    | 15.62                  | 16.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.56                 | 15.52                    | 15.42                  | 16.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.65                 | 15.44                    | 15.52                  | 16.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.61                 | 15.43                    | 15.49                  | 16.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.65                 | 15.46                    | 15.43                  | 16.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.50                 | 15.42                    | 15.50                  | 16.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.62                 | 15.52                    | 15.45                  | 16.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.64                 | 15.51                    | 15.48                  | 16.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.65                 | 15.46                    | 15.44                  | 16.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.60                 | 15.42                    | 15.49                  | 16.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.63                 | 15.42                    | 15.44                  | 16.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 26.83                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 26.67                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 26.58                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 26.70                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.57                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 26.65                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 26.66                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 26.68                    |                        | 27.5                |
| 100             | QPSK       | 1       | 137       |                       | 26.70                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 26.63                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 26.40                    |                        | 26.5                |
| 100             | QPSK       | 135     | 69        |                       | 26.61                    |                        | 27.5                |
| 100             | QPSK       | 135     | 138       |                       | 26.49                    |                        | 26.5                |
| 100             | QPSK       | 270     | 0         |                       | 26.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 26.47                    |                        | 26.5                |
| 100             | 64QAM      | 1       | 1         |                       | 24.97                    |                        | 25.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.95                    |                        | 23.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.82                 | 26.57                    | 26.54                  | 27.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.80                 | 26.61                    | 26.56                  | 27.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.75                 | 26.65                    | 26.51                  | 27.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.82                 | 26.64                    | 26.50                  | 27.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.63                 | 26.58                    | 26.54                  | 27.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.80                 | 26.66                    | 26.56                  | 27.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.75                 | 26.67                    | 26.53                  | 27.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 26.73                 | 26.66                    | 26.58                  | 27.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.79                 | 26.62                    | 26.54                  | 27.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.77                 | 26.57                    | 26.51                  | 27.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.77                 | 26.58                    | 26.56                  | 27.5                |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_HPUE\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.48                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.32                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.36                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.25                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.23                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.19                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.27                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.33                    |                        | 24.5                |
| 100             | QPSK       | 1       | 137       |                       | 24.19                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.13                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.22                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 24.24                    |                        | 24.5                |
| 100             | QPSK       | 135     | 138       |                       | 24.15                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 24.35                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.19                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 24.27                    |                        | 24.5                |
| 100             | 256QAM     | 1       | 1         |                       | 23.42                    |                        | 23.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.41                    | 24.33                  | 24.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.38                    | 24.36                  | 24.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.43                    | 24.36                  | 24.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.40                    | 24.40                  | 24.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.45                    | 24.34                  | 24.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.44                    | 24.34                  | 24.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.45                    | 24.31                  | 24.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.41                    | 24.35                  | 24.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.41                    | 24.34                  | 24.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.37                    | 24.41                  | 24.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.43                    | 24.34                  | 24.5                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.76                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.68                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.65                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.59                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.55                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.53                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.54                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.73                    |                        | 26.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.75                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.64                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.65                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.53                    |                        | 26.3                |
| 100             | QPSK       | 135     | 138       |                       | 25.62                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 25.49                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 25.58                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 24.73                    |                        | 26.3                |
| 100             | 256QAM     | 1       | 1         |                       | 22.62                    |                        | 24.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.56                 | 25.57                    | 25.56                  | 26.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.43                    | 25.43                  | 26.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.37                 | 25.43                    | 25.39                  | 26.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.41                    | 25.45                  | 26.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.37                    | 25.36                  | 26.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.40                    | 25.36                  | 26.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.43                    | 25.44                  | 26.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.42                    | 25.46                  | 26.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.44                    | 25.37                  | 26.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.43                    | 25.46                  | 26.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.40                    | 25.37                  | 26.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.04                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.90                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.87                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.90                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.81                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.82                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.78                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.94                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.96                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.78                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 21.88                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 21.78                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 22.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 21.86                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.85                    |                        | 23.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.84                 | 21.93                    | 21.86                  | 23.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.73                    | 21.74                  | 23.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.66                  | 23.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.73                  | 23.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.79                    | 21.75                  | 23.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.81                    | 21.74                  | 23.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.77                    | 21.72                  | 23.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.74                    | 21.73                  | 23.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.77                    | 21.76                  | 23.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.76                    | 21.68                  | 23.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.76                    | 21.70                  | 23.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.70                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.59                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.61                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.50                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.58                    |                        | 21.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.46                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.60                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 20.54                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.67                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.53                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 20.49                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.48                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.65                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.55                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 20.50                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.49                    |                        | 21.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.60                 | 20.64                    | 20.60                  | 21.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.65                    | 20.63                  | 21.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.60                 | 20.60                    | 20.54                  | 21.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.62                 | 20.65                    | 20.58                  | 21.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.59                    | 20.62                  | 21.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.62                 | 20.60                    | 20.62                  | 21.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.62                 | 20.56                    | 20.57                  | 21.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.59                 | 20.65                    | 20.62                  | 21.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.59                 | 20.59                    | 20.61                  | 21.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.63                    | 20.61                  | 21.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.63                 | 20.61                    | 20.57                  | 21.5                |



&lt;FR1 n78\_HPUE\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.14                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.98                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.01                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.92                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.01                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.97                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.98                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.93                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.04                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.02                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 20.94                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.07                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.96                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.02                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 20.98                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.94                    |                        | 21.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.99                 | 20.95                    | 20.95                  | 21.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.01                 | 20.99                    | 20.95                  | 21.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.06                 | 21.03                    | 21.04                  | 21.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.01                 | 21.01                    | 20.97                  | 21.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.03                 | 20.95                    | 21.04                  | 21.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.00                 | 20.99                    | 20.99                  | 21.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.00                 | 21.01                    | 21.03                  | 21.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.05                 | 21.00                    | 21.01                  | 21.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.02                    | 21.04                  | 21.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.05                 | 20.96                    | 21.05                  | 21.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.00                 | 21.04                    | 21.03                  | 21.5                |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.48                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.44                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.23                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.27                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.24                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.09                    |                        | 22.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.31                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.42                    |                        | 22.0                |
| 100             | QPSK       | 1       | 137       |                       | 21.31                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.09                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.13                    |                        | 22.0                |
| 100             | QPSK       | 135     | 69        |                       | 21.19                    |                        | 22.0                |
| 100             | QPSK       | 135     | 138       |                       | 21.12                    |                        | 22.0                |
| 100             | QPSK       | 270     | 0         |                       | 21.13                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.39                    |                        | 22.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.36                    |                        | 22.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.33                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.45                    | 21.27                  | 22.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.42                    | 21.24                  | 22.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.47                    | 21.31                  | 22.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.32                 | 21.38                    | 21.30                  | 22.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.36                 | 21.38                    | 21.29                  | 22.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.42                    | 21.30                  | 22.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.40                    | 21.26                  | 22.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.46                    | 21.33                  | 22.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.37                    | 21.25                  | 22.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.45                    | 21.34                  | 22.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.46                    | 21.24                  | 22.0                |



&lt;FR1 n78\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 21.90                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 21.80                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 21.75                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 21.82                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 21.78                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 21.71                       |                           | 22.0                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 21.79                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 21.86                       |                           | 22.0                   |
| 100             | QPSK       | 1       | 137       |                          | 21.73                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 21.69                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 21.74                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 69        |                          | 21.66                       |                           | 22.0                   |
| 100             | QPSK       | 135     | 138       |                          | 21.72                       |                           | 22.0                   |
| 100             | QPSK       | 270     | 0         |                          | 21.70                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 21.73                       |                           | 22.0                   |
| 100             | 64QAM      | 1       | 1         |                          | 21.84                       |                           | 22.0                   |
| 100             | 256QAM     | 1       | 1         |                          | 21.55                       |                           | 22.0                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.80                    | 21.82                       | 21.76                     | 22.0                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.75                    | 21.79                       | 21.75                     | 22.0                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.78                    | 21.88                       | 21.74                     | 22.0                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.75                    | 21.82                       | 21.73                     | 22.0                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.73                    | 21.85                       | 21.66                     | 22.0                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.78                    | 21.80                       | 21.70                     | 22.0                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.76                    | 21.79                       | 21.73                     | 22.0                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.70                    | 21.82                       | 21.73                     | 22.0                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.73                    | 21.81                       | 21.70                     | 22.0                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.73                    | 21.80                       | 21.69                     | 22.0                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.77                    | 21.79                       | 21.72                     | 22.0                   |



&lt;FR1 n78\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.53                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.39                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.26                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.35                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.26                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.33                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.28                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.43                    |                        | 25.0                |
| 100             | QPSK       | 1       | 137       |                       | 24.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.32                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.32                    |                        | 25.0                |
| 100             | QPSK       | 135     | 69        |                       | 24.24                    |                        | 25.0                |
| 100             | QPSK       | 135     | 138       |                       | 24.32                    |                        | 25.0                |
| 100             | QPSK       | 270     | 0         |                       | 24.35                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.31                    |                        | 25.0                |
| 100             | 64QAM      | 1       | 1         |                       | 23.54                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.45                    |                        | 21.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.51                 | 24.33                    | 24.17                  | 25.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.41                 | 24.30                    | 24.26                  | 25.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.50                 | 24.34                    | 24.24                  | 25.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.33                    | 24.26                  | 25.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.43                 | 24.35                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.45                 | 24.37                    | 24.20                  | 25.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.50                 | 24.32                    | 24.16                  | 25.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.49                 | 24.37                    | 24.23                  | 25.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.47                 | 24.30                    | 24.16                  | 25.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.50                 | 24.36                    | 24.22                  | 25.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.51                 | 24.33                    | 24.24                  | 25.0                |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.39                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.27                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.16                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.14                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.06                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.16                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.23                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.11                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.13                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.14                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 21.17                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 21.09                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 21.23                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.13                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.20                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 21.23                    |                        | 21.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.29                    | 21.18                  | 21.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.29                    | 21.23                  | 21.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.27                 | 21.34                    | 21.23                  | 21.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.29                 | 21.29                    | 21.17                  | 21.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.30                    | 21.21                  | 21.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.30                    | 21.17                  | 21.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.22                 | 21.28                    | 21.19                  | 21.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.28                    | 21.23                  | 21.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.29                    | 21.18                  | 21.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.36                    | 21.20                  | 21.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.32                    | 21.27                  | 21.5                |



&lt;FR1 n78\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 22.70                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 22.69                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 22.61                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 22.66                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 22.62                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 22.64                       |                           | 23.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 22.54                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 22.68                       |                           | 23.3                   |
| 100             | QPSK       | 1       | 137       |                          | 22.61                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 22.62                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 22.69                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 69        |                          | 22.60                       |                           | 23.3                   |
| 100             | QPSK       | 135     | 138       |                          | 22.62                       |                           | 23.3                   |
| 100             | QPSK       | 270     | 0         |                          | 22.64                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 22.63                       |                           | 23.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 22.62                       |                           | 23.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 20.69                       |                           | 21.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.58                    | 22.53                       | 22.53                     | 23.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.45                    | 22.38                       | 22.37                     | 23.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.42                    | 22.43                       | 22.33                     | 23.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.39                    | 22.40                       | 22.36                     | 23.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                    | 22.34                       | 22.37                     | 23.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.46                    | 22.33                       | 22.39                     | 23.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.39                    | 22.38                       | 22.35                     | 23.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.44                    | 22.35                       | 22.41                     | 23.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.41                    | 22.42                       | 22.33                     | 23.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.47                    | 22.39                       | 22.38                     | 23.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.42                    | 22.40                       | 22.37                     | 23.3                   |



&lt;FR1 n78\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.01                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 18.96                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 18.83                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 18.96                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 18.87                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 18.86                       |                           | 19.2                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 19.00                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.00                       |                           | 19.2                   |
| 100             | QPSK       | 1       | 137       |                          | 18.98                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 18.82                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 18.95                       |                           | 19.2                   |
| 100             | QPSK       | 135     | 69        |                          | 18.90                       |                           | 19.2                   |
| 100             | QPSK       | 135     | 138       |                          | 18.89                       |                           | 19.2                   |
| 100             | QPSK       | 270     | 0         |                          | 18.99                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 18.99                       |                           | 19.2                   |
| 100             | 64QAM      | 1       | 1         |                          | 19.00                       |                           | 19.2                   |
| 100             | 256QAM     | 1       | 1         |                          | 18.03                       |                           | 18.2                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.90                    | 18.86                       | 18.87                     | 19.2                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.70                    | 18.67                       | 18.67                     | 19.2                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.75                    | 18.75                       | 18.71                     | 19.2                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.77                    | 18.74                       | 18.67                     | 19.2                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.73                    | 18.74                       | 18.70                     | 19.2                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.71                    | 18.70                       | 18.68                     | 19.2                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.74                    | 18.71                       | 18.72                     | 19.2                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.74                    | 18.68                       | 18.76                     | 19.2                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.73                    | 18.70                       | 18.72                     | 19.2                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.78                    | 18.74                       | 18.76                     | 19.2                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.78                    | 18.76                       | 18.75                     | 19.2                   |



&lt;FR1 n78\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 15.82                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 15.63                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 15.56                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 15.69                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 15.61                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 15.56                       |                           | 16.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 15.61                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 15.44                       |                           | 16.3                   |
| 100             | QPSK       | 1       | 137       |                          | 15.57                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 15.34                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 15.31                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 69        |                          | 15.39                       |                           | 16.3                   |
| 100             | QPSK       | 135     | 138       |                          | 15.35                       |                           | 16.3                   |
| 100             | QPSK       | 270     | 0         |                          | 15.35                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 15.60                       |                           | 16.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 15.61                       |                           | 16.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 15.71                       |                           | 16.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.50                       | 15.45                     | 16.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.62                    | 15.46                       | 15.46                     | 16.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.59                    | 15.48                       | 15.50                     | 16.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.61                    | 15.52                       | 15.48                     | 16.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.58                    | 15.44                       | 15.45                     | 16.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.61                    | 15.47                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.58                    | 15.44                       | 15.50                     | 16.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.65                    | 15.42                       | 15.45                     | 16.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.55                    | 15.43                       | 15.42                     | 16.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.60                    | 15.47                       | 15.43                     | 16.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.58                    | 15.48                       | 15.43                     | 16.3                   |



&lt;FR1 n78\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.18                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 18.88                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 18.94                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 19.15                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 18.96                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 19.06                       |                           | 20.3                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 18.90                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.06                       |                           | 20.3                   |
| 100             | QPSK       | 1       | 137       |                          | 18.95                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 18.88                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 18.98                       |                           | 20.3                   |
| 100             | QPSK       | 135     | 69        |                          | 18.94                       |                           | 20.3                   |
| 100             | QPSK       | 135     | 138       |                          | 18.92                       |                           | 20.3                   |
| 100             | QPSK       | 270     | 0         |                          | 18.93                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 18.90                       |                           | 20.3                   |
| 100             | 64QAM      | 1       | 1         |                          | 18.91                       |                           | 20.3                   |
| 100             | 256QAM     | 1       | 1         |                          | 18.97                       |                           | 20.3                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.00                    | 19.07                       | 19.03                     | 20.3                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.87                    | 18.89                       | 18.88                     | 20.3                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.82                    | 18.94                       | 18.84                     | 20.3                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.87                    | 18.97                       | 18.91                     | 20.3                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.85                    | 18.91                       | 18.91                     | 20.3                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.85                    | 18.92                       | 18.84                     | 20.3                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.81                    | 18.88                       | 18.91                     | 20.3                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.89                    | 18.89                       | 18.89                     | 20.3                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.86                    | 18.97                       | 18.89                     | 20.3                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.84                    | 18.89                       | 18.88                     | 20.3                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.81                    | 18.97                       | 18.92                     | 20.3                   |



&lt;FR1 n78\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 17.79                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 17.61                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 17.62                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 17.79                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 17.64                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 17.78                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 17.63                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 17.75                       |                           | 18.5                   |
| 100             | QPSK       | 1       | 137       |                          | 17.68                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 17.59                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 17.62                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 69        |                          | 17.59                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 138       |                          | 17.53                       |                           | 18.5                   |
| 100             | QPSK       | 270     | 0         |                          | 17.59                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 17.59                       |                           | 18.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 17.59                       |                           | 18.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.66                       |                           | 18.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.70                       | 17.71                     | 18.5                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.74                       | 17.75                     | 18.5                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.80                       | 17.74                     | 18.5                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.74                    | 17.74                       | 17.77                     | 18.5                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.76                       | 17.75                     | 18.5                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.69                    | 17.73                       | 17.69                     | 18.5                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.76                    | 17.79                       | 17.71                     | 18.5                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.75                    | 17.75                       | 17.72                     | 18.5                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.74                    | 17.78                       | 17.77                     | 18.5                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.75                    | 17.75                       | 17.72                     | 18.5                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.71                    | 17.78                       | 17.70                     | 18.5                   |



&lt;FR1 n78\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 18.11                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 17.91                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 17.91                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 17.90                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 17.95                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 17.96                       |                           | 18.5                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 17.97                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 17.95                       |                           | 18.5                   |
| 100             | QPSK       | 1       | 137       |                          | 17.95                       |                           |                        |
| 100             | QPSK       | 1       | 271       |                          | 17.92                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 17.98                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 69        |                          | 17.94                       |                           | 18.5                   |
| 100             | QPSK       | 135     | 138       |                          | 17.98                       |                           | 18.5                   |
| 100             | QPSK       | 270     | 0         |                          | 17.96                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 17.91                       |                           | 18.5                   |
| 100             | 64QAM      | 1       | 1         |                          | 17.90                       |                           | 18.5                   |
| 100             | 256QAM     | 1       | 1         |                          | 17.89                       |                           | 18.5                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.98                    | 17.95                       | 17.99                     | 18.5                   |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.99                    | 17.96                       | 17.96                     | 18.5                   |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.92                    | 17.98                       | 17.94                     | 18.5                   |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.93                    | 17.93                       | 17.93                     | 18.5                   |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.93                    | 17.94                       | 17.97                     | 18.5                   |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.99                    | 17.96                       | 17.95                     | 18.5                   |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.99                    | 17.89                       | 17.99                     | 18.5                   |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.93                    | 17.93                       | 17.89                     | 18.5                   |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.95                    | 17.95                       | 17.93                     | 18.5                   |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.97                    | 17.92                       | 17.92                     | 18.5                   |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.91                    | 17.98                       | 17.98                     | 18.5                   |



&lt;FR1 n78\_Ant 3\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           |                          | 633332                      |                           |                        |
| Frequency (MHz) |            |         |           |                          | 3499.98                     |                           |                        |
| 100             | PI/2 BPSK  | 1       | 1         |                          | 19.56                       |                           |                        |
| 100             | PI/2 BPSK  | 1       | 137       |                          | 19.31                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 1       | 271       |                          | 19.32                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 0         |                          | 19.41                       |                           |                        |
| 100             | PI/2 BPSK  | 135     | 69        |                          | 19.38                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 135     | 138       |                          | 19.28                       |                           | 20.7                   |
| 100             | PI/2 BPSK  | 270     | 0         |                          | 19.32                       |                           |                        |
| 100             | QPSK       | 1       | 1         |                          | 19.40                       |                           |                        |
| 100             | QPSK       | 1       | 137       |                          | 19.26                       |                           | 20.7                   |
| 100             | QPSK       | 1       | 271       |                          | 19.38                       |                           |                        |
| 100             | QPSK       | 135     | 0         |                          | 19.39                       |                           |                        |
| 100             | QPSK       | 135     | 69        |                          | 19.23                       |                           | 20.7                   |
| 100             | QPSK       | 135     | 138       |                          | 19.27                       |                           | 20.7                   |
| 100             | QPSK       | 270     | 0         |                          | 19.46                       |                           |                        |
| 100             | 16QAM      | 1       | 1         |                          | 19.39                       |                           |                        |
| 100             | 64QAM      | 1       | 1         |                          | 19.35                       |                           | 20.7                   |
| 100             | 256QAM     | 1       | 1         |                          | 19.26                       |                           | 20.7                   |
| Channel         |            |         |           | 633000                   | 633332                      | 633666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3495                     | 3499.98                     | 3504.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.37                    | 19.36                       | 19.41                     |                        |
| Channel         |            |         |           | 632668                   | 633332                      | 634000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3490.02                  | 3499.98                     | 3510                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.29                    | 19.34                       | 19.45                     |                        |
| Channel         |            |         |           | 632334                   | 633332                      | 634332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3485.01                  | 3499.98                     | 3514.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.29                    | 19.35                       | 19.38                     |                        |
| Channel         |            |         |           | 632000                   | 633332                      | 634666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3480                     | 3499.98                     | 3519.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.34                       | 19.37                     |                        |
| Channel         |            |         |           | 631668                   | 633332                      | 635000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3475.02                  | 3499.98                     | 3525                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.33                    | 19.38                       | 19.38                     |                        |
| Channel         |            |         |           | 631334                   | 633332                      | 635332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3470.01                  | 3499.98                     | 3529.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.29                    | 19.39                       | 19.39                     |                        |
| Channel         |            |         |           | 631000                   | 633332                      | 635666                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3465                     | 3499.98                     | 3534.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.30                    | 19.36                       | 19.42                     |                        |
| Channel         |            |         |           | 630834                   | 633332                      | 635832                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3462.51                  | 3499.98                     | 3537.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.32                    | 19.41                       | 19.42                     |                        |
| Channel         |            |         |           | 630668                   | 633332                      | 636000                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3460.02                  | 3499.98                     | 3540                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.35                       | 19.41                     |                        |
| Channel         |            |         |           | 630500                   | 633332                      | 636166                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3457.5                   | 3499.98                     | 3542.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.30                    | 19.36                       | 19.37                     |                        |
| Channel         |            |         |           | 630334                   | 633332                      | 636332                    | Tune-up limit<br>(dBm) |
| Frequency (MHz) |            |         |           | 3455.01                  | 3499.98                     | 3544.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.27                    | 19.40                       | 19.45                     |                        |



<FR1 n78\_Ant 4\_DSI 3>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 15.82                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.63                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 15.56                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 15.69                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 15.61                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.56                    |                        | 16.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 15.61                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 15.44                    |                        | 16.3                |
| 100             | QPSK       | 1       | 137       |                       | 15.57                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 15.34                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 15.31                    |                        | 16.3                |
| 100             | QPSK       | 135     | 69        |                       | 15.39                    |                        | 16.3                |
| 100             | QPSK       | 135     | 138       |                       | 15.35                    |                        | 16.3                |
| 100             | QPSK       | 270     | 0         |                       | 15.35                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 15.60                    |                        | 16.3                |
| 100             | 64QAM      | 1       | 1         |                       | 15.61                    |                        | 16.3                |
| 100             | 256QAM     | 1       | 1         |                       | 15.71                    |                        | 16.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.62                 | 15.50                    | 15.45                  | 16.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.62                 | 15.46                    | 15.46                  | 16.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.59                 | 15.48                    | 15.50                  | 16.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.61                 | 15.52                    | 15.48                  | 16.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.58                 | 15.44                    | 15.45                  | 16.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.61                 | 15.47                    | 15.49                  | 16.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.58                 | 15.44                    | 15.50                  | 16.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.65                 | 15.42                    | 15.45                  | 16.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.55                 | 15.43                    | 15.42                  | 16.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.60                 | 15.47                    | 15.43                  | 16.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.58                 | 15.48                    | 15.43                  | 16.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 27.03                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 26.81                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 26.82                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 26.90                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.73                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 26.81                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 26.84                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 26.90                    |                        | 27.5                |
| 100             | QPSK       | 1       | 137       |                       | 26.93                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 26.86                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 26.84                    |                        | 27.5                |
| 100             | QPSK       | 135     | 69        |                       | 26.74                    |                        | 27.5                |
| 100             | QPSK       | 135     | 138       |                       | 26.83                    |                        | 27.5                |
| 100             | QPSK       | 270     | 0         |                       | 26.89                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 26.95                    |                        | 27.5                |
| 100             | 64QAM      | 1       | 1         |                       | 25.58                    |                        | 26.5                |
| 100             | 256QAM     | 1       | 1         |                       | 23.51                    |                        | 24.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.97                 | 26.80                    | 26.71                  | 27.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 27.00                 | 26.79                    | 26.72                  | 27.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.97                 | 26.72                    | 26.76                  | 27.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.98                 | 26.75                    | 26.79                  | 27.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.94                 | 26.79                    | 26.79                  | 27.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 27.02                 | 26.72                    | 26.76                  | 27.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 27.02                 | 26.73                    | 26.75                  | 27.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 27.00                 | 26.75                    | 26.77                  | 27.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 27.02                 | 26.72                    | 26.71                  | 27.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 27.00                 | 26.78                    | 26.72                  | 27.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 27.02                 | 26.75                    | 26.72                  | 27.5                |



# FCC SAR TEST REPORT

Report No. : FA4O2225B

<FR1 n78\_HPUE\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.46                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.25                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.25                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.22                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.17                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.21                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.26                    |                        | 24.5                |
| 100             | QPSK       | 1       | 137       |                       | 24.20                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.10                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.20                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 24.16                    |                        | 24.5                |
| 100             | QPSK       | 135     | 138       |                       | 24.09                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 24.33                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.25                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 24.30                    |                        | 24.5                |
| 100             | 256QAM     | 1       | 1         |                       | 23.41                    |                        | 23.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.39                    | 24.36                  | 24.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.35                    | 24.39                  | 24.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.35                    | 24.37                  | 24.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.40                    | 24.42                  | 24.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.42                    | 24.36                  | 24.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.41                    | 24.43                  | 24.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.38                    | 24.42                  | 24.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.43                    | 24.34                  | 24.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.43                    | 24.35                  | 24.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.40                    | 24.38                  | 24.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.35                    | 24.42                  | 24.5                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.78                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.72                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.76                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.69                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.63                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.68                    |                        | 26.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.66                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.66                    |                        | 26.3                |
| 100             | QPSK       | 1       | 137       |                       | 25.68                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.65                    |                        | 26.3                |
| 100             | QPSK       | 135     | 69        |                       | 25.63                    |                        | 26.3                |
| 100             | QPSK       | 135     | 138       |                       | 25.60                    |                        | 26.3                |
| 100             | QPSK       | 270     | 0         |                       | 25.64                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 25.71                    |                        | 26.3                |
| 100             | 64QAM      | 1       | 1         |                       | 24.69                    |                        | 26.3                |
| 100             | 256QAM     | 1       | 1         |                       | 22.55                    |                        | 24.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.59                 | 25.62                    | 25.67                  | 26.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.42                    | 25.57                  | 26.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.45                 | 25.51                    | 25.57                  | 26.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.52                    | 25.56                  | 26.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.49                 | 25.46                    | 25.54                  | 26.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.42                 | 25.46                    | 25.55                  | 26.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.45                 | 25.51                    | 25.55                  | 26.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.50                    | 25.50                  | 26.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.42                    | 25.49                  | 26.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.47                    | 25.51                  | 26.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.50                    | 25.53                  | 26.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.09                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.08                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.08                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.03                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.08                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.04                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.92                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.99                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 22.02                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.02                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.01                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 22.01                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 22.00                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 22.01                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.90                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 21.91                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 22.03                    |                        | 23.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.91                 | 21.95                    | 21.96                  | 23.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.94                 | 21.92                    | 21.90                  | 23.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.96                 | 21.99                    | 21.94                  | 23.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.93                 | 21.95                    | 21.92                  | 23.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.98                 | 21.96                    | 21.95                  | 23.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.92                 | 21.92                    | 21.94                  | 23.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.98                 | 21.96                    | 21.91                  | 23.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.94                 | 21.96                    | 21.89                  | 23.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.90                 | 21.99                    | 21.89                  | 23.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.94                 | 21.89                    | 21.95                  | 23.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.94                 | 21.89                    | 21.97                  | 23.3                |



&lt;FR1 n78\_HPUE\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.89                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.81                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.81                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.82                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.82                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.89                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.74                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.79                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 20.82                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.84                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.83                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 20.80                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.83                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.83                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.77                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 20.70                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.79                    |                        | 21.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.78                 | 20.79                    | 20.70                  | 21.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.72                 | 20.77                    | 20.72                  | 21.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.74                 | 20.77                    | 20.68                  | 21.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.72                 | 20.74                    | 20.72                  | 21.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.71                 | 20.73                    | 20.69                  | 21.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.70                    | 20.71                  | 21.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.73                 | 20.74                    | 20.77                  | 21.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.69                    | 20.72                  | 21.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.75                 | 20.70                    | 20.75                  | 21.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.73                 | 20.75                    | 20.76                  | 21.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.72                 | 20.72                    | 20.68                  | 21.5                |



&lt;FR1 n78\_HPUE\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.07                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.96                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.89                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.97                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.90                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.82                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.92                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.94                    |                        | 21.5                |
| 100             | QPSK       | 1       | 137       |                       | 21.00                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.87                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.86                    |                        | 21.5                |
| 100             | QPSK       | 135     | 69        |                       | 20.97                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.92                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.94                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.86                    |                        | 21.5                |
| 100             | 64QAM      | 1       | 1         |                       | 20.88                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.93                    |                        | 21.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.91                 | 20.91                    | 20.87                  | 21.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.88                 | 20.95                    | 20.88                  | 21.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.90                 | 20.97                    | 20.95                  | 21.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.88                 | 20.93                    | 20.93                  | 21.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.96                 | 20.96                    | 20.93                  | 21.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.99                    | 20.93                  | 21.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.93                    | 20.91                  | 21.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.89                 | 20.93                    | 20.88                  | 21.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.93                    | 20.93                  | 21.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.88                 | 20.92                    | 20.93                  | 21.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.90                 | 20.93                    | 20.85                  | 21.5                |



&lt;FR1 n77/n78\_Ant 3\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 20.05                    | 20.08                       | 20.03                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.94                    | 20.05                       | 19.95                     | 20.4                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.75                    | 19.79                       | 19.65                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.81                    | 19.86                       | 19.73                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.76                    | 19.83                       | 19.78                     | 20.4                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.64                    | 19.71                       | 19.58                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 19.79                    | 19.88                       | 19.74                     |                        |
| 100             | QPSK       | 1       | 1         | 19.95                    | 20.02                       | 19.95                     | 20.4                   |
| 100             | QPSK       | 1       | 137       | 19.88                    | 19.95                       | 19.82                     |                        |
| 100             | QPSK       | 1       | 271       | 19.66                    | 19.69                       | 19.54                     |                        |
| 100             | QPSK       | 135     | 0         | 19.72                    | 19.75                       | 19.68                     | 20.4                   |
| 100             | QPSK       | 135     | 69        | 19.78                    | 19.87                       | 19.78                     |                        |
| 100             | QPSK       | 135     | 138       | 19.63                    | 19.69                       | 19.61                     |                        |
| 100             | QPSK       | 270     | 0         | 19.69                    | 19.78                       | 19.65                     | 20.4                   |
| 100             | 16QAM      | 1       | 1         | 19.84                    | 19.92                       | 19.81                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.82                    | 19.95                       | 19.82                     |                        |
| 100             | 256QAM     | 1       | 1         | 19.80                    | 19.93                       | 19.87                     | 20.4                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.04                    | 20.02                       | 19.95                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.96                    | 19.97                       | 19.95                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.04                    | 20.06                       | 19.98                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.97                    | 20.06                       | 19.97                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.03                    | 20.01                       | 19.93                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.01                    | 19.98                       | 19.98                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.95                    | 20.06                       | 19.95                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.02                    | 20.03                       | 19.92                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.96                    | 20.06                       | 20.02                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.95                    | 19.99                       | 19.96                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.96                    | 19.98                       | 19.99                     |                        |



&lt;FR1 n77/n78\_Ant 3\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 20.05                    | 20.08                       | 20.03                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.94                    | 20.05                       | 19.95                     | 20.4                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.75                    | 19.79                       | 19.65                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.81                    | 19.86                       | 19.73                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.76                    | 19.83                       | 19.78                     | 20.4                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.64                    | 19.71                       | 19.58                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 19.79                    | 19.88                       | 19.74                     |                        |
| 100             | QPSK       | 1       | 1         | 19.95                    | 20.02                       | 19.95                     | 20.4                   |
| 100             | QPSK       | 1       | 137       | 19.88                    | 19.95                       | 19.82                     |                        |
| 100             | QPSK       | 1       | 271       | 19.66                    | 19.69                       | 19.54                     |                        |
| 100             | QPSK       | 135     | 0         | 19.72                    | 19.75                       | 19.68                     | 20.4                   |
| 100             | QPSK       | 135     | 69        | 19.78                    | 19.87                       | 19.78                     |                        |
| 100             | QPSK       | 135     | 138       | 19.63                    | 19.69                       | 19.61                     |                        |
| 100             | QPSK       | 270     | 0         | 19.69                    | 19.78                       | 19.65                     | 20.4                   |
| 100             | 16QAM      | 1       | 1         | 19.84                    | 19.92                       | 19.81                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.82                    | 19.95                       | 19.82                     |                        |
| 100             | 256QAM     | 1       | 1         | 19.80                    | 19.93                       | 19.87                     | 20.4                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.04                    | 20.02                       | 19.95                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.96                    | 19.97                       | 19.95                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.04                    | 20.06                       | 19.98                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.97                    | 20.06                       | 19.97                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.03                    | 20.01                       | 19.93                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.01                    | 19.98                       | 19.98                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.95                    | 20.06                       | 19.95                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.02                    | 20.03                       | 19.92                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.96                    | 20.06                       | 20.02                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.95                    | 19.99                       | 19.96                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.96                    | 19.98                       | 19.99                     |                        |



&lt;FR1 n77/n78\_Ant 4\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 20.16                    | 20.26                       | 20.12                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 20.06                    | 20.16                       | 19.98                     | 20.4                   |
| 100             | PI/2 BPSK  | 1       | 271       | 20.06                    | 20.19                       | 20.02                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 20.02                    | 20.21                       | 20.06                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.96                    | 20.13                       | 19.92                     | 20.4                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.98                    | 20.09                       | 19.93                     | 20.4                   |
| 100             | PI/2 BPSK  | 270     | 0         | 20.02                    | 20.15                       | 19.96                     |                        |
| 100             | QPSK       | 1       | 1         | 19.99                    | 20.19                       | 20.05                     |                        |
| 100             | QPSK       | 1       | 137       | 19.99                    | 20.15                       | 20.01                     | 20.4                   |
| 100             | QPSK       | 1       | 271       | 19.97                    | 20.09                       | 19.90                     |                        |
| 100             | QPSK       | 135     | 0         | 19.98                    | 20.14                       | 19.96                     |                        |
| 100             | QPSK       | 135     | 69        | 19.91                    | 20.05                       | 19.83                     | 20.4                   |
| 100             | QPSK       | 135     | 138       | 19.82                    | 20.01                       | 19.85                     | 20.4                   |
| 100             | QPSK       | 270     | 0         | 20.02                    | 20.13                       | 19.98                     |                        |
| 100             | 16QAM      | 1       | 1         | 19.98                    | 20.15                       | 19.99                     |                        |
| 100             | 64QAM      | 1       | 1         | 20.08                    | 20.19                       | 20.04                     | 20.4                   |
| 100             | 256QAM     | 1       | 1         | 19.96                    | 20.16                       | 20.02                     | 20.4                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 20.11                    | 20.15                       | 20.06                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 20.15                    | 20.19                       | 20.05                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 20.08                    | 20.16                       | 20.09                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 20.05                    | 20.22                       | 20.05                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 20.14                    | 20.20                       | 20.06                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 20.14                    | 20.24                       | 20.11                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 20.08                    | 20.22                       | 20.09                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 20.13                    | 20.21                       | 20.02                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 20.10                    | 20.16                       | 20.09                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 20.13                    | 20.23                       | 20.09                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 20.4                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 20.12                    | 20.23                       | 20.02                     |                        |



&lt;FR1 n77/n78\_Ant 4\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.90                    | 18.99                       | 18.84                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 18.77                    | 18.90                       | 18.74                     | 19.2                   |
| 100             | PI/2 BPSK  | 1       | 271       | 18.52                    | 18.71                       | 18.58                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 18.76                    | 18.94                       | 18.82                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 18.67                    | 18.84                       | 18.74                     | 19.2                   |
| 100             | PI/2 BPSK  | 135     | 138       | 18.62                    | 18.75                       | 18.59                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 18.73                    | 18.85                       | 18.73                     |                        |
| 100             | QPSK       | 1       | 1         | 18.76                    | 18.96                       | 18.83                     | 19.2                   |
| 100             | QPSK       | 1       | 137       | 18.77                    | 18.97                       | 18.83                     |                        |
| 100             | QPSK       | 1       | 271       | 18.60                    | 18.79                       | 18.66                     |                        |
| 100             | QPSK       | 135     | 0         | 18.81                    | 18.92                       | 18.81                     | 19.2                   |
| 100             | QPSK       | 135     | 69        | 18.62                    | 18.82                       | 18.63                     |                        |
| 100             | QPSK       | 135     | 138       | 18.57                    | 18.72                       | 18.54                     |                        |
| 100             | QPSK       | 270     | 0         | 18.70                    | 18.83                       | 18.70                     | 19.2                   |
| 100             | 16QAM      | 1       | 1         | 18.82                    | 18.98                       | 18.81                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.83                    | 18.93                       | 18.81                     |                        |
| 100             | 256QAM     | 1       | 1         | 17.85                    | 18.01                       | 17.85                     | 18.2                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.73                    | 18.87                       | 18.72                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.75                    | 18.79                       | 18.68                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.76                    | 18.87                       | 18.72                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.70                    | 18.79                       | 18.74                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.76                    | 18.79                       | 18.73                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.70                    | 18.89                       | 18.64                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.78                    | 18.86                       | 18.69                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.79                    | 18.83                       | 18.67                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.73                    | 18.82                       | 18.66                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.73                    | 18.86                       | 18.69                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 19.2                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.78                    | 18.87                       | 18.72                     |                        |



&lt;FR1 n77/n78\_Ant 4\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 15.66                    | 15.79                       | 15.60                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 15.48                    | 15.64                       | 15.48                     | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 15.39                    | 15.54                       | 15.34                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 15.47                    | 15.62                       | 15.42                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 15.40                    | 15.59                       | 15.44                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 15.45                    | 15.60                       | 15.43                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 15.43                    | 15.62                       | 15.49                     |                        |
| 100             | QPSK       | 1       | 1         | 15.40                    | 15.50                       | 15.34                     | 16.3                   |
| 100             | QPSK       | 1       | 137       | 15.33                    | 15.50                       | 15.32                     |                        |
| 100             | QPSK       | 1       | 271       | 15.27                    | 15.39                       | 15.21                     |                        |
| 100             | QPSK       | 135     | 0         | 15.29                    | 15.40                       | 15.28                     | 16.3                   |
| 100             | QPSK       | 135     | 69        | 15.37                    | 15.51                       | 15.37                     |                        |
| 100             | QPSK       | 135     | 138       | 15.21                    | 15.37                       | 15.24                     |                        |
| 100             | QPSK       | 270     | 0         | 15.31                    | 15.44                       | 15.28                     | 16.3                   |
| 100             | 16QAM      | 1       | 1         | 15.61                    | 15.76                       | 15.59                     |                        |
| 100             | 64QAM      | 1       | 1         | 15.51                    | 15.67                       | 15.50                     |                        |
| 100             | 256QAM     | 1       | 1         | 15.57                    | 15.69                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.60                       | 15.41                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.50                    | 15.68                       | 15.40                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.63                       | 15.44                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.46                    | 15.59                       | 15.46                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.55                    | 15.60                       | 15.49                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.47                    | 15.66                       | 15.42                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.48                    | 15.64                       | 15.45                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.49                    | 15.67                       | 15.47                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.50                    | 15.68                       | 15.48                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.48                    | 15.60                       | 15.47                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.46                    | 15.60                       | 15.44                     |                        |



&lt;FR1 n77/n78\_Ant 4\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 15.66                    | 15.79                       | 15.60                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 15.48                    | 15.64                       | 15.48                     | 16.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 15.39                    | 15.54                       | 15.34                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 15.47                    | 15.62                       | 15.42                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 15.40                    | 15.59                       | 15.44                     | 16.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 15.45                    | 15.60                       | 15.43                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 15.43                    | 15.62                       | 15.49                     |                        |
| 100             | QPSK       | 1       | 1         | 15.40                    | 15.50                       | 15.34                     | 16.3                   |
| 100             | QPSK       | 1       | 137       | 15.33                    | 15.50                       | 15.32                     |                        |
| 100             | QPSK       | 1       | 271       | 15.27                    | 15.39                       | 15.21                     |                        |
| 100             | QPSK       | 135     | 0         | 15.29                    | 15.40                       | 15.28                     | 16.3                   |
| 100             | QPSK       | 135     | 69        | 15.37                    | 15.51                       | 15.37                     |                        |
| 100             | QPSK       | 135     | 138       | 15.21                    | 15.37                       | 15.24                     |                        |
| 100             | QPSK       | 270     | 0         | 15.31                    | 15.44                       | 15.28                     | 16.3                   |
| 100             | 16QAM      | 1       | 1         | 15.61                    | 15.76                       | 15.59                     |                        |
| 100             | 64QAM      | 1       | 1         | 15.51                    | 15.67                       | 15.50                     |                        |
| 100             | 256QAM     | 1       | 1         | 15.57                    | 15.69                       | 15.49                     | 16.3                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.60                       | 15.41                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 15.50                    | 15.68                       | 15.40                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 15.56                    | 15.63                       | 15.44                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 15.46                    | 15.59                       | 15.46                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 15.55                    | 15.60                       | 15.49                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 15.47                    | 15.66                       | 15.42                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 15.48                    | 15.64                       | 15.45                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 15.49                    | 15.67                       | 15.47                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 15.50                    | 15.68                       | 15.48                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 15.48                    | 15.60                       | 15.47                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 16.3                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 15.46                    | 15.60                       | 15.44                     |                        |



&lt;FR1 n77/n78\_Ant 8\_DSI 0&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.98                    | 23.02                       | 22.90                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.76                    | 22.89                       | 22.73                     | 23.4                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.80                    | 22.89                       | 22.70                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.88                    | 22.95                       | 22.75                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.79                    | 22.86                       | 22.67                     | 23.4                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.72                    | 22.85                       | 22.69                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 22.77                    | 22.88                       | 22.72                     |                        |
| 100             | QPSK       | 1       | 1         | 22.91                    | 22.99                       | 22.87                     | 23.4                   |
| 100             | QPSK       | 1       | 137       | 22.86                    | 22.91                       | 22.76                     |                        |
| 100             | QPSK       | 1       | 271       | 22.73                    | 22.77                       | 22.65                     |                        |
| 100             | QPSK       | 135     | 0         | 22.69                    | 22.82                       | 22.70                     | 23.4                   |
| 100             | QPSK       | 135     | 69        | 22.64                    | 22.78                       | 22.60                     |                        |
| 100             | QPSK       | 135     | 138       | 22.63                    | 22.69                       | 22.50                     |                        |
| 100             | QPSK       | 270     | 0         | 22.74                    | 22.80                       | 22.60                     | 23.4                   |
| 100             | 16QAM      | 1       | 1         | 22.80                    | 22.90                       | 22.77                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.80                    | 22.93                       | 22.76                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.52                    | 21.63                       | 21.51                     | 22.4                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.91                    | 22.96                       | 22.80                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.87                    | 22.91                       | 22.89                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.95                    | 22.96                       | 22.83                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.94                    | 23.01                       | 22.79                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.92                    | 22.95                       | 22.84                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.93                    | 22.98                       | 22.80                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.87                    | 23.00                       | 22.86                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.89                    | 22.95                       | 22.79                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.90                    | 22.95                       | 22.83                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.93                    | 22.96                       | 22.87                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 23.4                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.97                    | 23.01                       | 22.80                     |                        |



&lt;FR1 n77/n78\_Ant 8\_DSI 1 (WLAN OFF)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 22.78                    | 22.80                       | 22.74                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 22.45                    | 22.45                       | 22.40                     | 23.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 22.29                    | 22.34                       | 22.32                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 22.38                    | 22.47                       | 22.38                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 22.29                    | 22.46                       | 22.28                     | 23.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 22.32                    | 22.41                       | 22.35                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 22.21                    | 22.46                       | 22.34                     |                        |
| 100             | QPSK       | 1       | 1         | 22.42                    | 22.48                       | 22.51                     | 23.3                   |
| 100             | QPSK       | 1       | 137       | 22.34                    | 22.42                       | 22.31                     |                        |
| 100             | QPSK       | 1       | 271       | 22.39                    | 22.42                       | 22.39                     |                        |
| 100             | QPSK       | 135     | 0         | 22.40                    | 22.40                       | 22.34                     | 23.3                   |
| 100             | QPSK       | 135     | 69        | 22.21                    | 22.35                       | 22.41                     |                        |
| 100             | QPSK       | 135     | 138       | 22.21                    | 22.53                       | 22.42                     |                        |
| 100             | QPSK       | 270     | 0         | 22.33                    | 22.49                       | 22.31                     | 23.3                   |
| 100             | 16QAM      | 1       | 1         | 22.30                    | 22.39                       | 22.37                     |                        |
| 100             | 64QAM      | 1       | 1         | 22.38                    | 22.45                       | 22.41                     |                        |
| 100             | 256QAM     | 1       | 1         | 20.45                    | 20.57                       | 20.55                     | 21.3                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 22.68                    | 22.61                       | 22.54                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 22.67                    | 22.69                       | 22.57                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 22.61                    | 22.65                       | 22.54                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 22.64                    | 22.66                       | 22.56                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 22.62                    | 22.60                       | 22.63                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 22.62                    | 22.60                       | 22.61                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 22.59                    | 22.64                       | 22.62                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 22.63                    | 22.62                       | 22.58                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 22.63                    | 22.63                       | 22.57                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 22.62                    | 22.62                       | 22.61                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 23.3                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 22.64                    | 22.67                       | 22.64                     |                        |



&lt;FR1 n77/n78\_Ant 8\_DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 19.34                    | 19.34                       | 19.31                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 19.17                    | 19.15                       | 19.14                     | 20.3                   |
| 100             | PI/2 BPSK  | 1       | 271       | 19.26                    | 19.14                       | 19.16                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 19.27                    | 19.13                       | 19.16                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 19.16                    | 19.25                       | 19.06                     | 20.3                   |
| 100             | PI/2 BPSK  | 135     | 138       | 19.17                    | 19.11                       | 19.14                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 19.17                    | 19.10                       | 19.13                     |                        |
| 100             | QPSK       | 1       | 1         | 19.19                    | 19.14                       | 19.08                     | 20.3                   |
| 100             | QPSK       | 1       | 137       | 19.23                    | 19.19                       | 19.15                     |                        |
| 100             | QPSK       | 1       | 271       | 19.12                    | 19.19                       | 19.20                     |                        |
| 100             | QPSK       | 135     | 0         | 19.21                    | 19.16                       | 19.11                     | 20.3                   |
| 100             | QPSK       | 135     | 69        | 19.31                    | 19.19                       | 19.06                     |                        |
| 100             | QPSK       | 135     | 138       | 19.15                    | 19.23                       | 19.13                     |                        |
| 100             | QPSK       | 270     | 0         | 19.17                    | 19.19                       | 19.21                     | 20.3                   |
| 100             | 16QAM      | 1       | 1         | 19.24                    | 19.20                       | 19.14                     |                        |
| 100             | 64QAM      | 1       | 1         | 19.15                    | 19.21                       | 19.14                     |                        |
| 100             | 256QAM     | 1       | 1         | 19.31                    | 19.23                       | 19.17                     | 20.3                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 19.20                    | 19.23                       | 19.20                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.18                       | 19.21                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 19.21                    | 19.15                       | 19.20                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.14                       | 19.15                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 19.16                    | 19.17                       | 19.20                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 19.22                    | 19.15                       | 19.13                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 19.15                    | 19.20                       | 19.12                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 19.15                    | 19.24                       | 19.13                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 19.15                    | 19.14                       | 19.11                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 19.14                    | 19.18                       | 19.11                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 20.3                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 19.14                    | 19.19                       | 19.19                     |                        |



&lt;FR1 n77/n78\_Ant 8\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 17.90                    | 17.92                       | 17.79                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 17.66                    | 17.67                       | 17.58                     | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 17.72                    | 17.61                       | 17.70                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 17.74                    | 17.75                       | 17.64                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.74                    | 17.72                       | 17.59                     | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 17.70                    | 17.66                       | 17.66                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 17.69                    | 17.60                       | 17.66                     |                        |
| 100             | QPSK       | 1       | 1         | 17.64                    | 17.68                       | 17.61                     | 18.5                   |
| 100             | QPSK       | 1       | 137       | 17.75                    | 17.72                       | 17.60                     |                        |
| 100             | QPSK       | 1       | 271       | 17.71                    | 17.65                       | 17.71                     |                        |
| 100             | QPSK       | 135     | 0         | 17.73                    | 17.67                       | 17.62                     | 18.5                   |
| 100             | QPSK       | 135     | 69        | 17.80                    | 17.70                       | 17.59                     |                        |
| 100             | QPSK       | 135     | 138       | 17.71                    | 17.75                       | 17.60                     |                        |
| 100             | QPSK       | 270     | 0         | 17.68                    | 17.69                       | 17.63                     | 18.5                   |
| 100             | 16QAM      | 1       | 1         | 17.75                    | 17.72                       | 17.70                     |                        |
| 100             | 64QAM      | 1       | 1         | 17.74                    | 17.77                       | 17.66                     |                        |
| 100             | 256QAM     | 1       | 1         | 17.81                    | 17.65                       | 17.72                     | 18.5                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 17.82                    | 17.70                       | 17.73                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 17.76                    | 17.68                       | 17.64                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.68                       | 17.68                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 17.75                    | 17.70                       | 17.74                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 17.82                    | 17.72                       | 17.69                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 17.75                    | 17.78                       | 17.72                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.77                       | 17.67                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 17.78                    | 17.74                       | 17.69                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 17.76                    | 17.69                       | 17.64                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 17.76                    | 17.71                       | 17.71                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 17.79                    | 17.70                       | 17.66                     |                        |



&lt;FR1 n77/n78\_Ant 9\_DSI 0 / DSI 1 (WLAN OFF) / DSI 1 (WLAN ON)&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 21.40                    | 21.44                       | 21.42                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 21.21                    | 21.26                       | 21.23                     | 21.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 21.25                    | 21.32                       | 21.21                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 21.23                    | 21.29                       | 21.20                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 21.15                    | 21.19                       | 21.10                     | 21.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 20.99                    | 21.12                       | 21.00                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 21.14                    | 21.27                       | 21.25                     |                        |
| 100             | QPSK       | 1       | 1         | 21.20                    | 21.33                       | 21.28                     | 21.5                   |
| 100             | QPSK       | 1       | 137       | 21.09                    | 21.15                       | 21.10                     |                        |
| 100             | QPSK       | 1       | 271       | 21.01                    | 21.15                       | 21.12                     |                        |
| 100             | QPSK       | 135     | 0         | 21.06                    | 21.15                       | 21.07                     | 21.5                   |
| 100             | QPSK       | 135     | 69        | 21.05                    | 21.17                       | 21.07                     |                        |
| 100             | QPSK       | 135     | 138       | 20.97                    | 21.11                       | 21.01                     |                        |
| 100             | QPSK       | 270     | 0         | 21.16                    | 21.25                       | 21.13                     | 21.5                   |
| 100             | 16QAM      | 1       | 1         | 21.12                    | 21.22                       | 21.16                     |                        |
| 100             | 64QAM      | 1       | 1         | 21.22                    | 21.26                       | 21.22                     |                        |
| 100             | 256QAM     | 1       | 1         | 21.12                    | 21.24                       | 21.19                     | 21.5                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 21.35                    | 21.33                       | 21.41                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 21.31                    | 21.43                       | 21.40                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.39                       | 21.34                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 21.29                    | 21.35                       | 21.33                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 21.32                    | 21.42                       | 21.31                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 21.30                    | 21.37                       | 21.36                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.38                       | 21.34                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 21.36                    | 21.43                       | 21.36                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 21.31                    | 21.40                       | 21.31                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 21.33                    | 21.41                       | 21.38                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 21.5                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 21.31                    | 21.40                       | 21.35                     |                        |



&lt;FR1 n77/n78\_Ant 9\_DSI 3&gt;

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low<br>Ch. / Freq. | Power Middle<br>Ch. / Freq. | Power High<br>Ch. / Freq. | Tune-up limit<br>(dBm) |
|-----------------|------------|---------|-----------|--------------------------|-----------------------------|---------------------------|------------------------|
| Channel         |            |         |           | 640000                   | 641666                      | 643332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3600                     | 3624.99                     | 3649.98                   |                        |
| 100             | PI/2 BPSK  | 1       | 1         | 18.22                    | 18.37                       | 18.19                     |                        |
| 100             | PI/2 BPSK  | 1       | 137       | 18.03                    | 18.21                       | 18.04                     | 18.5                   |
| 100             | PI/2 BPSK  | 1       | 271       | 18.01                    | 18.14                       | 17.89                     |                        |
| 100             | PI/2 BPSK  | 135     | 0         | 18.03                    | 18.23                       | 17.97                     |                        |
| 100             | PI/2 BPSK  | 135     | 69        | 17.94                    | 18.22                       | 18.03                     | 18.5                   |
| 100             | PI/2 BPSK  | 135     | 138       | 18.02                    | 18.16                       | 18.08                     |                        |
| 100             | PI/2 BPSK  | 270     | 0         | 17.99                    | 18.14                       | 17.97                     |                        |
| 100             | QPSK       | 1       | 1         | 18.03                    | 18.17                       | 18.08                     | 18.5                   |
| 100             | QPSK       | 1       | 137       | 17.98                    | 18.17                       | 18.02                     |                        |
| 100             | QPSK       | 1       | 271       | 18.05                    | 18.09                       | 17.96                     |                        |
| 100             | QPSK       | 135     | 0         | 18.17                    | 18.29                       | 18.09                     | 18.5                   |
| 100             | QPSK       | 135     | 69        | 18.08                    | 18.13                       | 18.13                     |                        |
| 100             | QPSK       | 135     | 138       | 18.02                    | 18.12                       | 18.03                     |                        |
| 100             | QPSK       | 270     | 0         | 18.06                    | 18.18                       | 18.01                     | 18.5                   |
| 100             | 16QAM      | 1       | 1         | 17.99                    | 18.16                       | 18.01                     |                        |
| 100             | 64QAM      | 1       | 1         | 18.00                    | 18.11                       | 17.95                     |                        |
| 100             | 256QAM     | 1       | 1         | 17.95                    | 18.14                       | 18.03                     | 18.5                   |
| Channel         |            |         |           | 639668                   | 641666                      | 643666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3595.02                  | 3624.99                     | 3654.99                   |                        |
| 90              | PI/2 BPSK  | 1       | 1         | 18.18                    | 18.35                       | 18.22                     |                        |
| Channel         |            |         |           | 639334                   | 641666                      | 644000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3590.01                  | 3624.99                     | 3660                      |                        |
| 80              | PI/2 BPSK  | 1       | 1         | 18.24                    | 18.31                       | 18.17                     |                        |
| Channel         |            |         |           | 639000                   | 641666                      | 644332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3585                     | 3624.99                     | 3664.98                   |                        |
| 70              | PI/2 BPSK  | 1       | 1         | 18.26                    | 18.32                       | 18.22                     |                        |
| Channel         |            |         |           | 638668                   | 641666                      | 644666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3580.02                  | 3624.99                     | 3669.99                   |                        |
| 60              | PI/2 BPSK  | 1       | 1         | 18.25                    | 18.35                       | 18.21                     |                        |
| Channel         |            |         |           | 638334                   | 641666                      | 645000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3575.01                  | 3624.99                     | 3675                      |                        |
| 50              | PI/2 BPSK  | 1       | 1         | 18.18                    | 18.32                       | 18.16                     |                        |
| Channel         |            |         |           | 638000                   | 641666                      | 645332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3570                     | 3624.99                     | 3679.98                   |                        |
| 40              | PI/2 BPSK  | 1       | 1         | 18.21                    | 18.33                       | 18.21                     |                        |
| Channel         |            |         |           | 637668                   | 641666                      | 645666                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3565.02                  | 3624.99                     | 3684.99                   |                        |
| 30              | PI/2 BPSK  | 1       | 1         | 18.23                    | 18.30                       | 18.16                     |                        |
| Channel         |            |         |           | 637500                   | 641666                      | 645832                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3562.5                   | 3624.99                     | 3687.48                   |                        |
| 25              | PI/2 BPSK  | 1       | 1         | 18.21                    | 18.31                       | 18.13                     |                        |
| Channel         |            |         |           | 637334                   | 641666                      | 646000                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3560.01                  | 3624.99                     | 3690                      |                        |
| 20              | PI/2 BPSK  | 1       | 1         | 18.18                    | 18.32                       | 18.13                     |                        |
| Channel         |            |         |           | 637168                   | 641666                      | 646166                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3557.52                  | 3624.99                     | 3692.49                   |                        |
| 15              | PI/2 BPSK  | 1       | 1         | 18.26                    | 18.30                       | 18.17                     |                        |
| Channel         |            |         |           | 637000                   | 641666                      | 646332                    | 18.5                   |
| Frequency (MHz) |            |         |           | 3555                     | 3624.99                     | 3694.98                   |                        |
| 10              | PI/2 BPSK  | 1       | 1         | 18.18                    | 18.33                       | 18.15                     |                        |



&lt;CTL&gt;

|             | Mode                | Channel | Frequency (MHz) | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             |                     |         |                 | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 19.55               | 20.50         | 98.50        | 19.45               | 20.50         | 98.05        | 19.48               | 20.50         | 20.07               | 20.50         | 22.80               | 23.50         | 98.05        |
|             |                     | 6       | 2437            | 20.04               | 20.50         |              | 19.72               | 20.50         |              | 19.95               | 20.50         | 20.06               | 20.50         | 23.02               | 23.50         |              |
|             |                     | 11      | 2462            | 20.00               | 20.50         |              | 19.55               | 20.50         |              | 19.71               | 20.50         | 20.34               | 20.50         | 23.06               | 23.50         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required        | 18.00         | Not Required        | 21.00         | Not Required |
|             |                     | 6       | 2437            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 11      | 2462            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |

|             | Mode                | Channel | Frequency (MHz) | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             |                     |         |                 | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 19.00         | Not Required | Not Required        | 19.00         | Not Required | Not Required        | 19.00         | Not Required        | 19.00         | Not Required        | 22.00         | Not Required |
|             |                     | 40      | 5200            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                     | 44      | 5220            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                     | 48      | 5240            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 19.00         |              |                     | 19.00         |              | 18.50               | 19.00         | 18.35               | 19.00         | 21.44               | 22.00         | 99.63        |
|             |                     | 40      | 5200            |                     | 20.50         |              |                     | 20.50         |              | 19.15               | 20.50         | 19.21               | 20.50         | 22.19               | 23.50         |              |
|             |                     | 44      | 5220            |                     | 20.50         |              |                     | 20.50         |              | 19.10               | 20.50         | 19.32               | 20.50         | 22.22               | 23.50         |              |
|             |                     | 48      | 5240            |                     | 20.50         |              |                     | 20.50         |              | 19.57               | 20.50         | 19.61               | 20.50         | 22.60               | 23.50         |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 46      | 5230            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 40      | 5200            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 44      | 5220            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 48      | 5240            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 46      | 5230            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 40      | 5200            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 44      | 5220            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 48      | 5240            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             |                     | 46      | 5230            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |



|             |                      |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|----------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                 | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps        | 52      | 5260            | Not Required        | 19.50         | Not Required | Not Required        | 19.50         | Not Required | Not Required        | 19.50         | Not Required        | 19.50         | Not Required        | 22.50         | Not Required |
|             |                      | 56      | 5280            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                      | 60      | 5300            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                      | 64      | 5320            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11n-HT20 MCS0    | 52      | 5260            |                     | 20.50         |              |                     | 20.50         |              | 19.21               | 20.50         | 19.44               | 20.50         | 22.34               | 23.50         | 99.63        |
|             |                      | 56      | 5280            |                     | 20.50         |              |                     | 20.50         |              | 19.11               | 20.50         | 19.34               | 20.50         | 22.24               | 23.50         |              |
|             |                      | 60      | 5300            |                     | 19.00         |              |                     | 19.00         |              | 18.92               | 19.00         | 18.29               | 19.00         | 21.63               | 22.00         |              |
|             |                      | 64      | 5320            |                     | 18.50         |              |                     | 18.50         |              | 17.62               | 18.50         | 17.58               | 18.50         | 20.61               | 21.50         |              |
|             | 802.11n-HT40 MCS0    | 54      | 5270            |                     | 19.00         |              |                     | 19.00         |              | Not Required        | 19.00         | Not Required        | 19.00         | Not Required        | 22.00         | Not Required |
|             |                      | 62      | 5310            |                     | 16.00         |              |                     | 16.00         |              |                     | 16.00         |                     | 16.00         |                     | 19.00         |              |
|             | 802.11ac-VHT20 MCS0  | 52      | 5260            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 56      | 5280            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 60      | 5300            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 64      | 5320            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             | 802.11ac-VHT40 MCS0  | 54      | 5270            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 62      | 5310            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ac-VHT80 MCS0  | 58      | 5290            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11ac-VHT160 MCS0 | 50      | 5250            |                     | 15.5          |              |                     | 15.5          |              |                     | 15.5          |                     | 15.5          |                     | 18.5          |              |
|             | 802.11ax-HE20 MCS0   | 52      | 5260            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 56      | 5280            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 60      | 5300            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 64      | 5320            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             | 802.11ax-HE40 MCS0   | 54      | 5270            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 62      | 5310            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ax-HE80 MCS0   | 58      | 5290            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11ax-HE160 MCS0  | 50      | 5250            |                     | 15.5          |              |                     | 15.5          |              |                     | 15.5          |                     | 15.5          |                     | 18.5          |              |



|             |                      |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|----------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                 | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps        | 100     | 5500            | Not Required        | 19.00         | Not Required | Not Required        | 19.00         | Not Required | Not Required        | 19.00         | Not Required        | 19.00         | Not Required        | 22.00         | Not Required |
|             |                      | 116     | 5580            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 124     | 5620            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                      | 132     | 5660            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                      | 140     | 5700            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 144     | 5720            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             | 802.11n-HT20 MCS0    | 100     | 5500            |                     | 18.50         |              |                     | 18.50         |              | 17.48               | 18.50         | 18.20               | 18.50         | 20.87               | 21.50         | 99.63        |
|             |                      | 116     | 5580            |                     | 20.50         |              |                     | 20.50         |              | 19.37               | 20.50         | 19.88               | 20.50         | 22.64               | 23.50         |              |
|             |                      | 124     | 5620            |                     | 20.50         |              |                     | 20.50         |              | 19.60               | 20.50         | 20.41               | 20.50         | 23.03               | 23.50         |              |
|             |                      | 132     | 5660            |                     | 20.50         |              |                     | 20.50         |              | 19.63               | 20.50         | 20.13               | 20.50         | 22.90               | 23.50         |              |
|             |                      | 140     | 5700            |                     | 18.00         |              |                     | 18.00         |              | 17.17               | 18.00         | 17.97               | 18.00         | 20.60               | 21.00         |              |
|             |                      | 144     | 5720            |                     | 20.00         |              |                     | 20.00         |              | 19.48               | 20.00         | 19.86               | 20.00         | 22.68               | 23.00         |              |
|             | 802.11n-HT40 MCS0    | 102     | 5510            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                      | 110     | 5550            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 126     | 5630            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 134     | 5670            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 142     | 5710            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             | 802.11ac-VHT20 MCS0  | 100     | 5500            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             |                      | 116     | 5580            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 124     | 5620            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 132     | 5660            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 140     | 5700            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11ac-VHT40 MCS0  | 102     | 5510            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                      | 110     | 5550            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 126     | 5630            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 134     | 5670            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 142     | 5710            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             | 802.11ac-VHT80 MCS0  | 106     | 5530            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 122     | 5610            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11ac-VHT160 MCS0 | 138     | 5690            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             |                      | 114     | 5570            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             | 802.11ax-HE20 MCS0   | 100     | 5500            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             |                      | 116     | 5580            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 124     | 5620            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 132     | 5660            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                      | 140     | 5700            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             |                      | 144     | 5720            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             | 802.11ax-HE40 MCS0   | 102     | 5510            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                      | 110     | 5550            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 126     | 5630            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                      | 134     | 5670            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                      | 142     | 5710            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             | 802.11ax-HE80 MCS0   | 106     | 5530            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 122     | 5610            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|             |                      | 138     | 5690            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             | 802.11ax-HE160 MCS0  | 114     | 5570            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 21.50         | Not Required | Not Required        | 21.50         | Not Required | 21.32               | 21.50         | 21.38               | 21.50         | 24.36               | 24.50         | 99.20        |
|             |                     | 157     | 5785            |                     | 21.00         |              |                     | 21.00         |              | 20.92               | 21.00         | 20.99               | 21.00         | 23.97               | 24.00         |              |
|             |                     | 165     | 5825            |                     | 21.50         |              |                     | 21.50         |              | 21.22               | 21.50         | 21.46               | 21.50         | 24.35               | 24.50         |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 20.50         |              |                     | 20.50         |              | Not Required        | 20.50         | Not Required        | 20.50         | Not Required        | 23.50         | Not Required |
|             |                     | 157     | 5785            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             |                     | 165     | 5825            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 159     | 5795            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 157     | 5785            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             |                     | 165     | 5825            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 159     | 5795            |                     | 20.00         |              |                     | 20.00         |              |                     | 20.00         |                     | 20.00         |                     | 23.00         |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             |                     | 157     | 5785            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             |                     | 165     | 5825            |                     | 21.00         |              |                     | 21.00         |              |                     | 21.00         |                     | 21.00         |                     | 24.00         |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             |                     | 159     | 5795            |                     | 20.50         |              |                     | 20.50         |              |                     | 20.50         |                     | 20.50         |                     | 23.50         |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |



|         |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|---------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|         | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 18.50         | Not Required | Not Required        | 18.50         | Not Required | Not Required        | 18.50         | Not Required        | 18.50         | Not Required        | 21.50         | Not Required |
|         |                     | 57      | 6235            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 173     | 6815            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|         | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 57      | 6235            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 173     | 6815            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|         | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 59      | 6245            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 171     | 6805            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|         | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 71      | 6305            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.50         |                     | 18.50         |                     | 21.50         |              |
|         |                     | 167     | 6785            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|         | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.08         | 18.50               | 18.16         | 18.50               | 21.13         | 21.50        |
|         |                     | 47      | 6185            |                     | 18.50         |              |                     | 18.50         |              |                     | 18.44         | 18.50               | 18.49         | 18.50               | 21.48         | 21.50        |
|         |                     | 143     | 6665            |                     | 16.50         |              |                     | 16.50         |              |                     | 15.50         | 16.50               | 16.30         | 16.50               | 18.93         | 19.50        |

|                |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|----------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|                | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E Indoor | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required        | 3.00          | Not Required        | 6.00          | Not Required |
|                |                     | 57      | 6235            |                     | 3.00          |              |                     | 3.00          |              |                     | 3.00          |                     | 3.00          |                     | 6.00          |              |
|                |                     | 113     | 6515            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 173     | 6815            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 233     | 7115            |                     | 4.50          |              |                     | 4.50          |              |                     | 4.50          |                     | 4.50          |                     | 7.50          |              |
|                | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 57      | 6235            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 113     | 6515            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 173     | 6815            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 233     | 7115            |                     | 7.00          |              |                     | 7.00          |              |                     | 7.00          |                     | 7.00          |                     | 10.00         |              |
|                | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 59      | 6245            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 107     | 6485            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 171     | 6805            |                     | 10.50         |              |                     | 10.50         |              |                     | 10.50         |                     | 10.50         |                     | 13.50         |              |
|                |                     | 227     | 7085            |                     | 10.50         |              |                     | 10.50         |              |                     | 10.50         |                     | 10.50         |                     | 13.50         |              |
|                | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 12.50         |              |                     | 12.50         |              |                     | 12.50         |                     | 12.50         |                     | 15.50         |              |
|                |                     | 71      | 6305            |                     | 12.50         |              |                     | 12.50         |              |                     | 12.50         |                     | 12.50         |                     | 15.50         |              |
|                |                     | 119     | 6545            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|                |                     | 167     | 6785            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|                |                     | 215     | 7025            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|                | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 16.00         |              |                     | 16.00         |              |                     | 15.56         | 16.00               | 15.52         | 16.00               | 18.55         | 19.00        |
|                |                     | 47      | 6185            |                     | 16.00         |              |                     | 16.00         |              |                     | 15.02         | 16.00               | 15.29         | 16.00               | 18.17         | 19.00        |
|                |                     | 111     | 6505            |                     | 16.50         |              |                     | 16.50         |              |                     | 14.84         | 16.50               | 15.71         | 16.50               | 18.31         | 19.50        |
|                |                     | 143     | 6665            |                     | 16.50         |              |                     | 16.50         |              |                     | 15.52         | 16.50               | 15.29         | 16.50               | 18.42         | 19.50        |
|                |                     | 207     | 6985            |                     | 16.00         |              |                     | 16.00         |              |                     | 15.78         | 16.00               | 15.95         | 16.00               | 18.88         | 19.00        |



## &lt;Set 1 Non-DBS&gt;

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 18.86               | 19.50         | 98.05        | 18.52               | 19.50         | 98.05        | 19.05               | 19.50         | 19.47               | 19.50         | 22.28               | 22.50         | 98.05        |
|             |                     | 6       | 2437            | 18.82               | 19.50         |              | 18.47               | 19.50         |              | 19.16               | 19.50         | 19.32               | 19.50         | 22.25               | 22.50         |              |
|             |                     | 11      | 2462            | 18.66               | 19.50         |              | 18.46               | 19.50         |              | 18.99               | 19.50         | 19.50               | 19.50         | 22.26               | 22.50         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 18.00         | Not Required | 18.00               | Not Required  | Not Required | 18.00               | Not Required  | 18.00               | Not Required  | 21.00               | Not Required  | Not Required |
|             |                     | 6       | 2437            |                     | 19.50         |              | 19.50               |               |              | 19.50               |               | 19.50               |               | 22.50               |               |              |
|             |                     | 11      | 2462            |                     | 18.00         |              | 18.00               |               |              | 18.00               |               | 18.00               |               | 21.00               |               |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.50         |              | 19.50               |               |              | 19.50               |               | 19.50               |               | 22.50               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.50         |              | 19.50               |               |              | 19.50               |               | 19.50               |               | 22.50               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.50         |              | 19.50               |               |              | 19.50               |               | 19.50               |               | 22.50               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.50         |              | 19.50               |               |              | 19.50               |               | 19.50               |               | 22.50               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |              |       |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|--------------|-------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |              |       |              |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 16.50         | Not Required | Not Required        | Not Required  | Not Required | Not Required        | 16.50         | Not Required        | 16.50         | Not Required        | 19.50         | Not Required |              |       |              |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     |               |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |              |       |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 16.50         |              |                     |               |              | 16.50               | 15.33         | 16.50               | 15.85         | 16.50               | 18.61         | 19.50        | 99.76        |       |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     |               |              | 16.50               | 15.54         | 16.50               | 15.96         | 16.50               | 18.77         | 19.50        |              |       |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 16.50         |              |                     |               |              | 16.50               | Not Required  | 16.50               | Not Required  | 16.50               | Not Required  | 16.50        | Not Required | 19.50 | Not Required |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 16.50         |              |                     |               |              | 16.50               | 16.50         | 16.50               | 16.50         | 16.50               | 19.50         | 99.63        |              |       |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     |               |              | 16.50               | 16.50         | 16.50               | 16.50         | 16.50               | 19.50         |              |              |       |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 16.50         |              |                     |               |              | 16.50               | 15.19         | 16.50               | 15.80         | 16.50               | 18.52         | 19.50        |              |       |              |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 16.50         |              |                     |               |              | 16.50               | Not Required  | 16.50               | Not Required  | 16.50               | Not Required  | 16.50        | Not Required | 19.50 | Not Required |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     |               |              | 16.50               |               | 16.50               |               | 16.50               |               | 19.50        |              |       |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 16.50         |              |                     |               |              | 16.50               | 16.50         | 16.50               | 16.50         | 16.50               | 19.50         | Not Required |              |       |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     |               |              | 16.50               | 16.50         | 16.50               | 16.50         | 19.50               |               |              |              |       |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 16.50         |              |                     |               |              | 16.50               | 16.50         | 16.50               | 16.50         | 16.50               | 19.50         |              |              |       |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              | 16.60               | 17.50         | 16.90               | 17.50         | 19.76               | 20.50         | 99.76        |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              | 16.32               | 17.50         | 16.60               | 17.50         | 19.47               | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 17.50         |              |                     | 17.50         |              | 17.23               | 17.50         | 17.50               | 17.50         | 20.38               | 20.50         | 99.29        |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |



## &lt;Set 1 DBS&gt;

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 18.86               | 19.50         | 98.05        | 18.52               | 19.50         | 98.05        | 19.05               | 19.50         | 19.47               | 19.50         | 22.28               | 22.50         | 98.05        |
|             |                     | 6       | 2437            | 18.82               | 19.50         |              | 18.47               | 19.50         |              | 19.16               | 19.50         | 19.32               | 19.50         | 22.25               | 22.50         |              |
|             |                     | 11      | 2462            | 18.66               | 19.50         |              | 18.46               | 19.50         |              | 18.99               | 19.50         | 19.50               | 19.50         | 22.26               | 22.50         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required        | 18.00         | Not Required        | 21.00         | Not Required |
|             |                     | 6       | 2437            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                     | 11      | 2462            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.50         |              |                     | 19.50         |              |                     | 19.50         |                     | 19.50         |                     | 22.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |              |              |       |              |              |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |              |              |       |              |              |              |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 16.50         | Not Required | Not Required        | 16.50         | Not Required | Not Required        | 16.50         | Not Required        | 16.50         | Not Required        | 19.50         | Not Required |              |              |       |              |              |              |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 19.50         |                     |               |              |              |              |       |              |              |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 16.50         |              |                     | 16.50         |              |                     | 15.33         |                     | 16.50         |                     | 15.85         |              | 16.50        | 18.61        | 19.50 | 99.76        |              |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     | 16.50         |              |                     | 15.54         |                     | 16.50         |                     | 15.96         |              | 16.50        | 18.77        | 19.50 |              |              |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 16.50         |              |                     | 16.50         |              |                     | Not Required  |                     | 16.50         |                     | 16.50         |              | Not Required | 16.50        | 16.50 | Not Required | 19.50        | Not Required |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     | 16.50         |                     | 16.50         |              |              | 19.50        |       |              |              |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     | 16.50         |              | 16.50               |               | 16.50               | 19.50         |                     |               |              |              |              |       |              |              |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     | 16.50         |              | 16.50               |               | 16.50               | 19.50         |                     |               |              |              |              |       |              |              |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 16.50         |              |                     | 16.50         |              | 16.50               |               | 16.50               | 16.50         | 16.50               | 19.50         |              |              |              |       |              |              |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     | 16.50         |              | 16.50               |               | 16.50               | 16.50         | 19.50               |               |              |              |              |       |              |              |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 16.50         |              |                     | 16.50         |              | 15.19               |               | 16.50               | 15.80         | 16.50               | 18.52         | 19.50        |              | 99.63        |       |              |              |              |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 16.50         |              |                     | 16.50         |              | Not Required        |               | 16.50               | 16.50         | Not Required        | 16.50         | 16.50        |              | Not Required | 19.50 |              | Not Required |              |
|             |                     | 40      | 5200            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               | 16.50         |                     | 19.50         |              |              |              |       |              |              |              |
|             |                     | 44      | 5220            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               | 16.50         |                     | 19.50         |              |              |              |       |              |              |              |
|             |                     | 48      | 5240            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               | 16.50         |                     | 19.50         |              |              |              |       |              |              |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               | 16.50         |                     | 16.50         | 16.50        |              |              | 19.50 |              |              |              |
|             |                     | 46      | 5230            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         | 16.50               | 19.50         |                     |               |              |              |              |       |              |              |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         | 16.50               | 16.50         |                     | 16.50         | 19.50        |              |              |       |              |              |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              | 16.60               | 17.50         | 16.90               | 17.50         | 19.76               | 20.50         | 99.76        |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              | 16.32               | 17.50         | 16.60               | 17.50         | 19.47               | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 17.50         |              |                     | 17.50         |              | 17.23               | 17.50         | 17.50               | 17.50         | 20.38               | 20.50         | 99.29        |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 17.50         |              |                     | 17.50         |              | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 157     | 5785            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 165     | 5825            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 159     | 5795            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |



## &lt;Set 2 Non-DBS&gt;

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 18.37               | 19.00         | 98.35        | 18.00               | 19.00         | 97.90        | 18.54               | 19.00         | 18.98               | 19.00         | 21.78               | 22.00         | 98.05        |
|             |                     | 6       | 2437            | 18.85               | 19.00         |              | 17.98               | 19.00         |              | 18.66               | 19.00         | 18.82               | 19.00         | 21.75               | 22.00         |              |
|             |                     | 11      | 2462            | 18.16               | 19.00         |              | 17.96               | 19.00         |              | 18.49               | 19.00         | 19.00               | 19.00         | 21.76               | 22.00         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 18.00         | Not Required | 18.00               | Not Required  | Not Required | 18.00               | Not Required  | 18.00               | Not Required  | 21.00               | Not Required  | Not Required |
|             |                     | 6       | 2437            |                     | 19.00         |              | 19.00               |               |              | 19.00               |               | 19.00               |               | 22.00               |               |              |
|             |                     | 11      | 2462            |                     | 18.00         |              | 18.00               |               |              | 18.00               |               | 18.00               |               | 21.00               |               |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.00         |              | 19.00               |               |              | 19.00               |               | 19.00               |               | 22.00               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.00         |              | 19.00               |               |              | 19.00               |               | 19.00               |               | 22.00               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |
|             |                     | 6       | 2437            |                     | 19.00         |              | 19.00               |               |              | 19.00               |               | 19.00               |               | 22.00               |               |              |
|             |                     | 11      | 2462            |                     | 17.50         |              | 17.50               |               |              | 17.50               |               | 17.50               |               | 20.50               |               |              |

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 17.00         | Not Required | 17.00               | Not Required  | Not Required | 17.00               | Not Required  | 17.00               | Not Required  | 20.00               | Not Required  | Not Required |
|             |                     | 40      | 5200            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 44      | 5220            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 48      | 5240            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 40      | 5200            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 44      | 5220            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 48      | 5240            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 46      | 5230            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 40      | 5200            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 44      | 5220            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 46      | 5230            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 40      | 5200            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 44      | 5220            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 48      | 5240            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             |                     | 46      | 5230            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 17.00         |              | 17.00               |               |              | 17.00               |               | 17.00               |               | 20.00               |               |              |



|             |                      |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|----------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                 | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps        | 52      | 5260            | Not Required        | 17.00         | Not Required | Not Required        | 17.00         | Not Required | Not Required        | 17.00         | Not Required        | 17.00         | Not Required        | 20.00         | Not Required |
|             |                      | 56      | 5280            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 60      | 5300            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 64      | 5320            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11n-HT20 MCS0    | 52      | 5260            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 56      | 5280            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 60      | 5300            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 64      | 5320            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11n-HT40 MCS0    | 54      | 5270            |                     | 17.00         |              |                     | 17.00         |              | 16.22               | 17.00         | 16.30               | 17.00         | 19.27               | 20.00         | 99.76        |
|             |                      | 62      | 5310            |                     | 16.00         |              |                     | 16.00         |              | 15.48               | 16.00         | 15.20               | 16.00         | 18.35               | 19.00         |              |
|             | 802.11ac-VHT20 MCS0  | 52      | 5260            |                     | 17.00         |              |                     | 17.00         |              | Not Required        | 17.00         | Not Required        | 17.00         | Not Required        | 20.00         | Not Required |
|             |                      | 56      | 5280            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 60      | 5300            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 64      | 5320            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11ac-VHT40 MCS0  | 54      | 5270            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 62      | 5310            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ac-VHT80 MCS0  | 58      | 5290            |                     | 17.00         |              |                     | 17.00         |              | 15.70               | 17.00         | 16.08               | 17.00         | 18.90               | 20.00         | 99.63        |
|             | 802.11ac-VHT160 MCS0 | 50      | 5250            |                     | 15.5          |              |                     | 15.5          |              | Not Required        | 15.50         | Not Required        | 15.50         | Not Required        | 18.50         | Not Required |
|             | 802.11ax-HE20 MCS0   | 52      | 5260            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 56      | 5280            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 60      | 5300            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 64      | 5320            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11ax-HE40 MCS0   | 54      | 5270            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             |                      | 62      | 5310            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ax-HE80 MCS0   | 58      | 5290            |                     | 17.00         |              |                     | 17.00         |              |                     | 17.00         |                     | 17.00         |                     | 20.00         |              |
|             | 802.11ax-HE160 MCS0  | 50      | 5250            |                     | 15.5          |              |                     | 15.5          |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |



|                     |                      |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |              |       |       |       |       |
|---------------------|----------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|--------------|-------|-------|-------|-------|
|                     | Mode                 | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |              |       |       |       |       |
| 5.5GHz WLAN         | 802.11a 6Mbps        | 100     | 5500            | Not Required        | 16.50         | Not Required | Not Required        | 16.50         | Not Required | Not Required        | Not Required  | 16.50               | Not Required  | Not Required        | 19.50         | Not Required |              |       |       |       |       |
|                     |                      | 116     | 5580            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 19.50               |               |                     |               |              |              |       |       |       |       |
|                     |                      | 124     | 5620            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 19.50               |               |                     |               |              |              |       |       |       |       |
|                     |                      | 132     | 5660            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 19.50               |               |                     |               |              |              |       |       |       |       |
|                     |                      | 140     | 5700            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 19.50               |               |                     |               |              |              |       |       |       |       |
|                     |                      | 144     | 5720            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 19.50               |               |                     |               |              |              |       |       |       |       |
|                     | 802.11n-HT20 MCS0    | 100     | 5500            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 116     | 5580            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 124     | 5620            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 132     | 5660            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 140     | 5700            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 144     | 5720            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     | 802.11n-HT40 MCS0    | 102     | 5510            |                     | 16.50         |              |                     | 16.50         |              |                     |               | Not Required        |               |                     | 16.50         |              | 16.50        | 19.50 |       |       |       |
|                     |                      | 110     | 5550            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 126     | 5630            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 134     | 5670            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 142     | 5710            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     | 802.11ac-VHT20 MCS0  | 100     | 5500            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 116     | 5580            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 124     | 5620            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 132     | 5660            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 140     | 5700            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     |                      | 144     | 5720            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               |                     | 19.50         |              |              |       |       |       |       |
|                     | 802.11ac-VHT40 MCS0  | 102     | 5510            |                     | 16.50         |              |                     | 16.50         |              |                     |               | Not Required        |               |                     | 16.50         |              | 16.50        | 19.50 |       |       |       |
|                     |                      | 110     | 5550            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 126     | 5630            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 134     | 5670            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     |                      | 142     | 5710            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 16.50         |              | 19.50        |       |       |       |       |
|                     | 802.11ac-VHT80 MCS0  | 106     | 5530            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 15.54               |               |                     | 16.50         |              | 15.70        | 16.50 | 18.63 | 19.50 | 99.63 |
|                     |                      | 122     | 5610            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               |                     | 15.30         |              | 16.50        | 15.56 | 16.50 | 18.44 |       |
|                     |                      | 138     | 5690            |                     | 16.50         |              |                     | 16.50         |              |                     | 15.23         |                     | 16.50         | 15.58               | 16.50         | 18.42        | 19.50        |       |       |       |       |
|                     | 802.11ac-VHT160 MCS0 | 114     | 5570            |                     | 15.50         |              |                     | 15.50         |              |                     | Not Required  | 15.50               | Not Required  | 15.50               | Not Required  | 18.50        | Not Required |       |       |       |       |
|                     | 802.11ax-HE20 MCS0   | 100     | 5500            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     |                      | 116     | 5580            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     |                      | 124     | 5620            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     |                      | 132     | 5660            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     |                      | 140     | 5700            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     |                      | 144     | 5720            |                     | 16.50         |              |                     | 16.50         |              |                     |               | 16.50               |               | 19.50               |               |              |              |       |       |       |       |
|                     | 802.11ax-HE40 MCS0   | 102     | 5510            |                     | 16.50         |              |                     | 16.50         |              |                     |               | Not Required        |               | 16.50               |               | 16.50        |              | 19.50 |       |       |       |
|                     |                      | 110     | 5550            |                     | 16.50         |              |                     | 16.50         |              |                     |               |                     |               | 16.50               |               | 19.50        |              |       |       |       |       |
| 126                 |                      | 5630    | 16.50           | 16.50               | 16.50         | 19.50        |                     |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
| 134                 |                      | 5670    | 16.50           | 16.50               | 16.50         | 19.50        |                     |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
| 142                 |                      | 5710    | 16.50           | 16.50               | 16.50         | 19.50        |                     |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
| 802.11ax-HE80 MCS0  | 106                  | 5530    | 16.50           | 16.50               | 16.50         | 16.50        | 16.50               | 19.50         |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
|                     | 122                  | 5610    | 16.50           | 16.50               |               | 16.50        | 19.50               |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
|                     | 138                  | 5690    | 16.50           | 16.50               |               | 16.50        | 19.50               |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |
| 802.11ax-HE160 MCS0 | 114                  | 5570    | 15.50           | 15.50               | 15.50         | 15.50        | 18.50               |               |              |                     |               |                     |               |                     |               |              |              |       |       |       |       |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 16.50         | Not Required | Not Required        | 16.50         | Not Required | Not Required        | 16.50         | Not Required        | 16.50         | Not Required        | 19.50         | Not Required |
|             |                     | 157     | 5785            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 165     | 5825            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 157     | 5785            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 165     | 5825            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 159     | 5795            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 157     | 5785            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 165     | 5825            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             |                     | 159     | 5795            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 19.50         |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 16.50         |              |                     | 16.50         |              | 16.05               | 16.50         | 16.50               | 16.50         | 19.29               | 19.50         | 99.63        |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 16.50         |              |                     | 16.50         |              | Not Required        | 16.50         | Not Required        | 16.50         | Not Required        | 16.50         | Not Required |
|             |                     | 157     | 5785            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 16.50         |              |
|             |                     | 165     | 5825            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 16.50         |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 16.50         |              |
|             |                     | 159     | 5795            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 16.50         |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 16.50         |              |                     | 16.50         |              |                     | 16.50         |                     | 16.50         |                     | 16.50         |              |



|         |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|---------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|         | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 11.50         | Not Required | Not Required        | 11.50         | Not Required | Not Required        | 11.50         | Not Required        | 11.50         | Not Required        | 14.50         | Not Required |
|         |                     | 57      | 6235            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 173     | 6815            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 57      | 6235            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 173     | 6815            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 59      | 6245            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 171     | 6805            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 71      | 6305            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 167     | 6785            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 11.50         |              |                     | 11.50         |              | 11.41               | 11.50         | 11.12               | 11.50         | 14.28               | 14.50         | 99.42        |
|         |                     | 47      | 6185            |                     | 11.50         |              |                     | 11.50         |              | 10.52               | 11.50         | 10.50               | 11.50         | 13.52               | 14.50         |              |
|         |                     | 143     | 6665            |                     | 9.50          |              |                     | 9.50          |              | 9.16                | 9.50          | 8.25                | 9.50          | 11.74               | 12.50         |              |

|                |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|----------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|                | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E Indoor | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required        | 3.00          | Not Required        | 6.00          | Not Required |
|                |                     | 57      | 6235            |                     | 3.00          |              |                     | 3.00          |              |                     | 3.00          |                     | 3.00          |                     | 6.00          |              |
|                |                     | 113     | 6515            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 173     | 6815            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 233     | 7115            |                     | 4.50          |              |                     | 4.50          |              |                     | 4.50          |                     | 4.50          |                     | 7.50          |              |
|                | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 57      | 6235            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 113     | 6515            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 173     | 6815            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 233     | 7115            |                     | 7.00          |              |                     | 7.00          |              |                     | 7.00          |                     | 7.00          |                     | 10.00         |              |
|                | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 59      | 6245            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 107     | 6485            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 171     | 6805            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|                |                     | 227     | 7085            |                     | 10.50         |              |                     | 10.50         |              |                     | 10.50         |                     | 10.50         |                     | 13.50         |              |
|                | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|                |                     | 71      | 6305            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|                |                     | 119     | 6545            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 167     | 6785            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|                |                     | 215     | 7025            |                     | 11.00         |              |                     | 11.00         |              |                     | 11.00         |                     | 11.00         |                     | 14.00         |              |
|                | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 11.50         |              |                     | 11.50         |              | 11.41               | 11.50         | 11.12               | 11.50         | 14.28               | 14.50         | 99.37        |
|                |                     | 47      | 6185            |                     | 11.50         |              |                     | 11.50         |              | 10.52               | 11.50         | 10.50               | 11.50         | 13.52               | 14.50         |              |
|                |                     | 111     | 6505            |                     | 10.00         |              |                     | 10.00         |              | 9.06                | 10.00         | 8.84                | 10.00         | 11.76               | 13.00         |              |
|                |                     | 143     | 6665            |                     | 9.50          |              |                     | 9.50          |              | 9.16                | 9.50          | 8.25                | 9.50          | 11.74               | 12.50         |              |
|                |                     | 207     | 6985            |                     | 11.00         |              |                     | 11.00         |              | 10.20               | 11.00         | 10.50               | 11.00         | 13.36               | 14.00         |              |



## &lt;Set 2 DBS&gt;

|             | Mode                | Channel | Frequency (MHz) | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             |                     |         |                 | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 18.37               | 19.00         | 98.35        | 18.00               | 19.00         | 97.90        | 18.54               | 19.00         | 18.98               | 19.00         | 21.78               | 22.00         | 98.05        |
|             |                     | 6       | 2437            | 18.85               | 19.00         |              | 17.98               | 19.00         |              | 18.66               | 19.00         | 18.82               | 19.00         | 21.75               | 22.00         |              |
|             |                     | 11      | 2462            | 18.16               | 19.00         |              | 17.96               | 19.00         |              | 18.49               | 19.00         | 19.00               | 19.00         | 21.76               | 22.00         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required | Not Required        | 18.00         | Not Required        | 18.00         | Not Required        | 21.00         | Not Required |
|             |                     | 6       | 2437            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 11      | 2462            |                     | 18.00         |              |                     | 18.00         |              |                     | 18.00         |                     | 18.00         |                     | 21.00         |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 19.00         |              |                     | 19.00         |              |                     | 19.00         |                     | 19.00         |                     | 22.00         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |

|             | Mode                | Channel | Frequency (MHz) | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             |                     |         |                 | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 15.00         | Not Required | Not Required        | 15.00         | Not Required | Not Required        | 15.00         | Not Required        | 15.00         | Not Required        | 18.00         | Not Required |
|             |                     | 40      | 5200            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 44      | 5220            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 40      | 5200            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 44      | 5220            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 46      | 5230            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 40      | 5200            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 44      | 5220            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 46      | 5230            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 36      | 5180            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE20 MCS0  | 40      | 5200            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 44      | 5220            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 48      | 5240            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 38      | 5190            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE40 MCS0  | 46      | 5230            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                     | 42      | 5210            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |



|             |                      |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|----------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                 | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps        | 52      | 5260            | Not Required        | 15.00         | Not Required | Not Required        | 15.00         | Not Required | Not Required        | 15.00         | Not Required        | 15.00         | Not Required        | 18.00         | Not Required |
|             |                      | 56      | 5280            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 60      | 5300            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 64      | 5320            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11n-HT20 MCS0    | 52      | 5260            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 56      | 5280            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 60      | 5300            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 64      | 5320            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11n-HT40 MCS0    | 54      | 5270            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 62      | 5310            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT20 MCS0  | 52      | 5260            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 56      | 5280            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 60      | 5300            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 64      | 5320            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT40 MCS0  | 54      | 5270            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 62      | 5310            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT80 MCS0  | 58      | 5290            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ac-VHT160 MCS0 | 50      | 5250            |                     | 15.00         |              |                     | 15.00         |              | 13.88               | 15.00         | 14.3                | 15.00         | 17.11               | 18.00         | 99.51        |
|             | 802.11ax-HE20 MCS0   | 52      | 5260            |                     | 15.00         |              |                     | 15.00         |              | Not Required        | 15.00         | Not Required        | 15.00         | Not Required        | 18.00         | Not Required |
|             |                      | 56      | 5280            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 60      | 5300            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 64      | 5320            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE40 MCS0   | 54      | 5270            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             |                      | 62      | 5310            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE80 MCS0   | 58      | 5290            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |
|             | 802.11ax-HE160 MCS0  | 50      | 5250            |                     | 15.00         |              |                     | 15.00         |              |                     | 15.00         |                     | 15.00         |                     | 18.00         |              |



|             |                      |                     |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|----------------------|---------------------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                 | Channel             | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps        | 100                 | 5500            | Not Required        | 12.00         | Not Required | Not Required        | 12.00         | Not Required | Not Required        | 12.00         | Not Required        | 12.00         | Not Required        | 15.00         | Not Required |
|             |                      | 116                 | 5580            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 124                 | 5620            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 132                 | 5660            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 140                 | 5700            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 144                 | 5720            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11n-HT20 MCS0    | 100                 | 5500            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 116                 | 5580            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 124                 | 5620            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 132                 | 5660            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 140                 | 5700            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 144                 | 5720            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11n-HT40 MCS0    | 102                 | 5510            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 110                 | 5550            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 126                 | 5630            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 134                 | 5670            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 142                 | 5710            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 100                 | 5500            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ac-VHT20 MCS0  | 116                 | 5580            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 124                 | 5620            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 132                 | 5660            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 140                 | 5700            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 144                 | 5720            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 102                 | 5510            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ac-VHT40 MCS0  | 110                 | 5550            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 126                 | 5630            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 134                 | 5670            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 142                 | 5710            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 106                 | 5530            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 122                 | 5610            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ac-VHT80 MCS0  | 138                 | 5690            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ac-VHT160 MCS0 | 114                 | 5570            |                     | 12.00         |              |                     | 12.00         |              |                     | 10.52         | 12.00               | 11.24         | 12.00               | 13.91         | 15.00        |
|             | 802.11ax-HE20 MCS0   | 100                 | 5500            |                     | 12.00         |              |                     | 12.00         |              | Not Required        | 12.00         | Not Required        | 12.00         | Not Required        | 15.00         | Not Required |
|             |                      | 116                 | 5580            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 124                 | 5620            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 132                 | 5660            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 140                 | 5700            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 144                 | 5720            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ax-HE40 MCS0   | 102                 | 5510            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 110                 | 5550            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 126                 | 5630            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 134                 | 5670            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 142                 | 5710            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 106                 | 5530            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             | 802.11ax-HE80 MCS0   | 122                 | 5610            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 138                 | 5690            |                     | 12.00         |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 15.00         |              |
|             |                      | 802.11ax-HE160 MCS0 | 114             |                     | 5570          |              |                     | 12.00         |              |                     | 12.00         |                     | 12.00         |                     | 12.00         |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 13.50         | Not Required | Not Required        | 13.50         | Not Required | Not Required        | 13.50         | Not Required        | 13.50         | Not Required        | 16.50         | Not Required |
|             |                     | 157     | 5785            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 165     | 5825            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 157     | 5785            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 165     | 5825            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 159     | 5795            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 157     | 5785            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 165     | 5825            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 159     | 5795            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 13.50         |              |                     | 13.50         |              | 12.93               | 13.50         | 12.91               | 13.50         | 15.93               | 16.50         | 99.63        |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 13.50         |              |                     | 13.50         |              | Not Required        | 13.50         | Not Required        | 13.50         | Not Required        | 16.50         | Not Required |
|             |                     | 157     | 5785            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 165     | 5825            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             |                     | 159     | 5795            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 13.50         |              |                     | 13.50         |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |



|         |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|---------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|         | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 11.50         | Not Required | Not Required        | 11.50         | Not Required | Not Required        | 11.50         | Not Required        | 11.50         | Not Required        | 14.50         | Not Required |
|         |                     | 57      | 6235            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 173     | 6815            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 57      | 6235            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 173     | 6815            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 59      | 6245            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 171     | 6805            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 71      | 6305            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|         |                     | 167     | 6785            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|         | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.41         | 11.50               | 11.12         | 11.50               | 14.28         | 14.50        |
|         |                     | 47      | 6185            |                     | 11.50         |              |                     | 11.50         |              |                     | 10.52         | 11.50               | 10.50         | 11.50               | 13.52         | 14.50        |
|         |                     | 143     | 6665            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.16          | 9.50                | 8.25          | 9.50                | 11.74         | 12.50        |

|                |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|----------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|                | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| WiFi 6E Indoor | 802.11a 6Mbps       | 1       | 5955            | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required | Not Required        | 3.00          | Not Required        | 3.00          | Not Required        | 6.00          | Not Required |
|                |                     | 57      | 6235            |                     | 3.00          |              |                     | 3.00          |              |                     | 3.00          |                     | 3.00          |                     | 6.00          |              |
|                |                     | 113     | 6515            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 173     | 6815            |                     | 4.00          |              |                     | 4.00          |              |                     | 4.00          |                     | 4.00          |                     | 7.00          |              |
|                |                     | 233     | 7115            |                     | 4.50          |              |                     | 4.50          |              |                     | 4.50          |                     | 4.50          |                     | 7.50          |              |
|                | 802.11ax-HE20 MCS0  | 1       | 5955            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 57      | 6235            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 113     | 6515            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 173     | 6815            |                     | 7.50          |              |                     | 7.50          |              |                     | 7.50          |                     | 7.50          |                     | 10.50         |              |
|                |                     | 233     | 7115            |                     | 7.00          |              |                     | 7.00          |              |                     | 7.00          |                     | 7.00          |                     | 10.00         |              |
|                | 802.11ax-HE40 MCS0  | 3       | 5965            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 59      | 6245            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 107     | 6485            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 171     | 6805            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|                |                     | 227     | 7085            |                     | 10.50         |              |                     | 10.50         |              |                     | 10.50         |                     | 10.50         |                     | 13.50         |              |
|                | 802.11ax-HE80 MCS0  | 7       | 5985            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|                |                     | 71      | 6305            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.50         |                     | 11.50         |                     | 14.50         |              |
|                |                     | 119     | 6545            |                     | 10.00         |              |                     | 10.00         |              |                     | 10.00         |                     | 10.00         |                     | 13.00         |              |
|                |                     | 167     | 6785            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.50          |                     | 9.50          |                     | 12.50         |              |
|                |                     | 215     | 7025            |                     | 11.00         |              |                     | 11.00         |              |                     | 11.00         |                     | 11.00         |                     | 14.00         |              |
|                | 802.11ax-HE160 MCS0 | 15      | 6025            |                     | 11.50         |              |                     | 11.50         |              |                     | 11.41         | 11.50               | 11.12         | 11.50               | 14.28         | 14.50        |
|                |                     | 47      | 6185            |                     | 11.50         |              |                     | 11.50         |              |                     | 10.52         | 11.50               | 10.50         | 11.50               | 13.52         | 14.50        |
|                |                     | 111     | 6505            |                     | 10.00         |              |                     | 10.00         |              |                     | 9.06          | 10.00               | 8.84          | 10.00               | 11.76         | 13.00        |
|                |                     | 143     | 6665            |                     | 9.50          |              |                     | 9.50          |              |                     | 9.16          | 9.50                | 8.25          | 9.50                | 11.74         | 12.50        |
|                |                     | 207     | 6985            |                     | 11.00         |              |                     | 11.00         |              |                     | 10.20         | 11.00               | 10.50         | 11.00               | 13.36         | 14.00        |



## &lt;Set 5 Non-DBS&gt;

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 16.86               | 17.50         | 98.05        | 16.52               | 17.50         | 98.05        | 16.71               | 17.50         | 17.35               | 17.50         | 20.05               | 20.50         | 98.05        |
|             |                     | 6       | 2437            | 17.32               | 17.50         |              | 16.47               | 17.50         |              | 17.16               | 17.50         | 17.31               | 17.50         | 20.25               | 20.50         |              |
|             |                     | 11      | 2462            | 17.29               | 17.50         |              | 16.46               | 17.50         |              | 16.99               | 17.50         | 17.50               | 17.50         | 20.26               | 20.50         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required | Not Required        | 17.50         | Not Required        | 17.50         | Not Required        | 20.50         | Not Required |
|             |                     | 6       | 2437            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 6       | 2437            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |
|             |                     | 11      | 2462            |                     | 17.50         |              |                     | 17.50         |              |                     | 17.50         |                     | 17.50         |                     | 20.50         |              |

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 14.50         | Not Required | Not Required        | 14.50         | Not Required | Not Required        | 14.50         | Not Required        | 14.50         | Not Required        | 17.50         | Not Required |
|             |                     | 40      | 5200            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 44      | 5220            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 48      | 5240            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 40      | 5200            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 44      | 5220            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 48      | 5240            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 46      | 5230            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 40      | 5200            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 44      | 5220            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 46      | 5230            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 42      | 5210            |                     | 14.50         |              |                     | 14.50         |              |                     | 13.71         | 14.50               | 13.89         | 14.50               | 16.81         | 99.63        |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 14.50         |              |                     | 14.50         |              | Not Required        | 14.50         | Not Required        | 14.50         | Not Required        | 17.50         | Not Required |
|             |                     | 40      | 5200            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 44      | 5220            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 48      | 5240            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 46      | 5230            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |
|             |                     | 42      | 5210            |                     | 14.50         |              |                     | 14.50         |              |                     | 14.50         |                     | 14.50         |                     | 17.50         |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |              |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 15.50         | Not Required | Not Required        | 15.50         | Not Required | Not Required        | 15.50         | Not Required        | 15.50         | Not Required        | 18.50         | Not Required |              |
|             |                     | 157     | 5785            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 165     | 5825            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 157     | 5785            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 165     | 5825            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 159     | 5795            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 157     | 5785            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 165     | 5825            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             |                     | 159     | 5795            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.06         | 15.50               | 15.31         | 15.50               | 18.20         | 99.63        |              |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     | 15.50         |              |                     | 15.50         |              |                     | Not Required  | 15.50               | Not Required  | 15.50               | Not Required  | 18.50        | Not Required |
|             |                     | 157     | 5785            |                     | 15.50         |              |                     | 15.50         |              |                     |               | 15.50               |               | 15.50               |               | 18.50        |              |
|             |                     | 165     | 5825            |                     | 15.50         |              |                     | 15.50         |              |                     |               | 15.50               |               | 15.50               |               | 18.50        |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     | 15.50         |              |                     | 15.50         |              |                     |               | 15.50               |               | 15.50               |               | 18.50        |              |
|             |                     | 159     | 5795            |                     | 15.50         |              |                     | 15.50         |              |                     |               | 15.50               |               | 15.50               |               | 18.50        |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     | 15.50         |              |                     | 15.50         |              |                     |               | 15.50               |               | 15.50               |               | 18.50        |              |



## &lt;Set 5 DBS&gt;

|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps       | 1       | 2412            | 14.91               | 15.50         | 98.35        | 14.31               | 15.50         | 97.90        | 14.67               | 15.50         | 15.01               | 15.50         | 17.85               | 18.50         | 98.05        |
|             |                     | 6       | 2437            | 15.28               | 15.50         |              | 14.35               | 15.50         |              | 15.16               | 15.50         | 15.31               | 15.50         | 18.25               | 18.50         |              |
|             |                     | 11      | 2462            | 15.10               | 15.50         |              | 14.04               | 15.50         |              | 14.98               | 15.50         | 15.50               | 15.50         | 18.26               | 18.50         |              |
|             | 802.11g 6Mbps       | 1       | 2412            | Not Required        | 15.50         | Not Required | Not Required        | 15.50         | Not Required | Not Required        | 15.50         | Not Required        | 15.50         | Not Required        | 18.50         | Not Required |
|             |                     | 6       | 2437            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 11      | 2462            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             | 802.11n-HT20 MCS0   | 1       | 2412            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 6       | 2437            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 11      | 2462            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             | 802.11ac-VHT20 MCS0 | 1       | 2412            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 6       | 2437            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 11      | 2462            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             | 802.11ax-HE20 MCS0  | 1       | 2412            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 6       | 2437            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |
|             |                     | 11      | 2462            |                     | 15.50         |              |                     | 15.50         |              |                     | 15.50         |                     | 15.50         |                     | 18.50         |              |

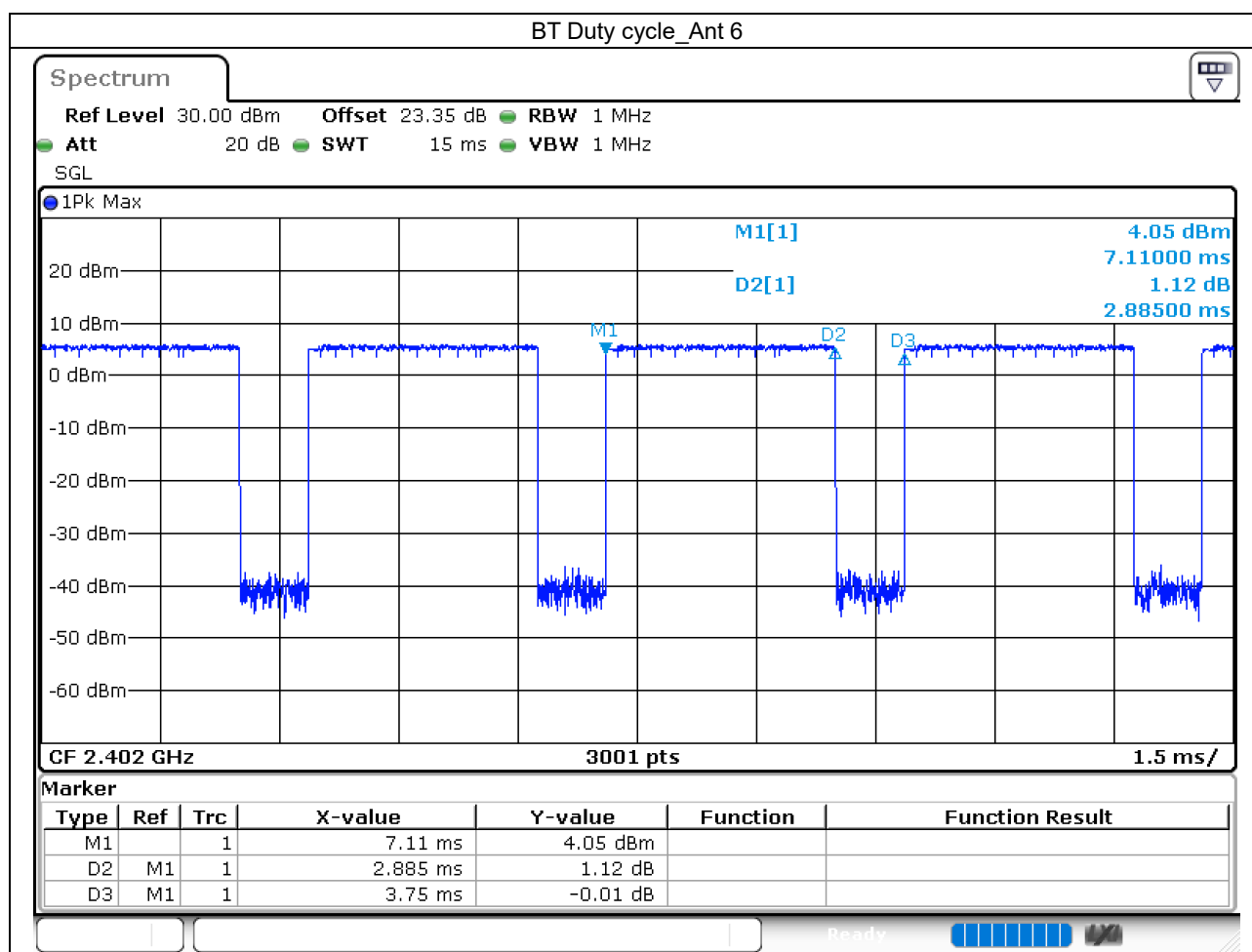
|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps       | 36      | 5180            | Not Required        | 13.00         | Not Required | Not Required        | 13.00         | Not Required | Not Required        | 13.00         | Not Required        | 13.00         | Not Required        | 16.00         | Not Required |
|             |                     | 40      | 5200            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 44      | 5220            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 48      | 5240            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11n-HT20 MCS0   | 36      | 5180            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 40      | 5200            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 44      | 5220            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 48      | 5240            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11n-HT40 MCS0   | 38      | 5190            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 46      | 5230            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 48      | 5240            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11ac-VHT20 MCS0 | 36      | 5180            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 40      | 5200            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 44      | 5220            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11ac-VHT40 MCS0 | 38      | 5190            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 46      | 5230            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 48      | 5240            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11ac-VHT80 MCS0 | 42      | 5210            |                     | 13.00         |              |                     | 13.00         |              |                     | 11.25         | 13.00               | 12.15         | 13.00               | 14.73         | 16.00        |
|             | 802.11ax-HE20 MCS0  | 36      | 5180            |                     | 13.00         |              |                     | 13.00         |              | Not Required        | 13.00         | Not Required        | 13.00         | Not Required        | 16.00         | Not Required |
|             |                     | 40      | 5200            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 44      | 5220            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 48      | 5240            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11ax-HE40 MCS0  | 38      | 5190            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             |                     | 46      | 5230            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |
|             | 802.11ax-HE80 MCS0  | 42      | 5210            |                     | 13.00         |              |                     | 13.00         |              |                     | 13.00         |                     | 13.00         |                     | 16.00         |              |



|             |                     |         |                 | Ant 6               |               |              | Ant 7               |               |              | Ant 6+7 (6)         |               | Ant 6+7 (7)         |               | Ant 6+7             |               |              |
|-------------|---------------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|--------------|
|             | Mode                | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps       | 149     | 5745            | Not Required        | 13.50         | Not Required | Not Required        | 13.50         | Not Required | Not Required        | 13.50         | Not Required        | 13.50         | Not Required        | 16.50         | Not Required |
|             |                     | 157     | 5785            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 165     | 5825            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11n-HT20 MCS0   | 149     | 5745            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 157     | 5785            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 165     | 5825            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11n-HT40 MCS0   | 151     | 5755            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 159     | 5795            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11ac-VHT20 MCS0 | 149     | 5745            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 157     | 5785            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 165     | 5825            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11ac-VHT40 MCS0 | 151     | 5755            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 159     | 5795            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11ac-VHT80 MCS0 | 155     | 5775            |                     |               |              |                     |               |              | 12.89               | 13.50         | 12.93               | 13.50         | 15.92               | 16.50         | 99.63        |
|             | 802.11ax-HE20 MCS0  | 149     | 5745            |                     |               |              |                     |               |              | Not Required        | 13.50         | Not Required        | 13.50         | Not Required        | 16.50         | Not Required |
|             |                     | 157     | 5785            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 165     | 5825            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11ax-HE40 MCS0  | 151     | 5755            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             |                     | 159     | 5795            |                     |               |              |                     |               |              |                     |               |                     |               |                     |               |              |
|             | 802.11ax-HE80 MCS0  | 155     | 5775            |                     |               |              |                     |               |              |                     | 13.50         |                     | 13.50         |                     | 16.50         |              |

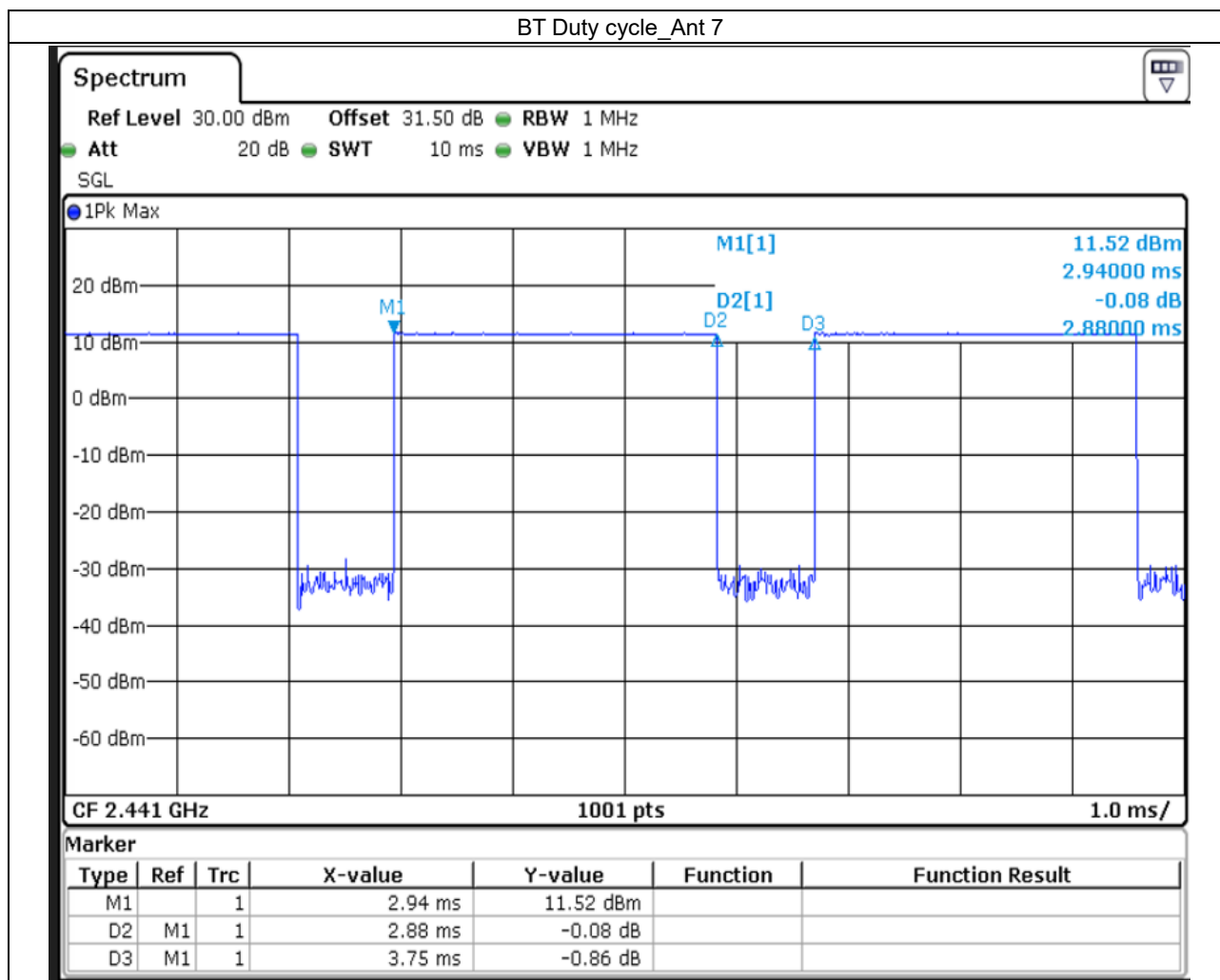
## <2.4GHz Bluetooth>

|           | Mode           | Channel | Frequency (MHz) | Ant 6               |               |              | Ant 7               |               |              |
|-----------|----------------|---------|-----------------|---------------------|---------------|--------------|---------------------|---------------|--------------|
|           |                |         |                 | Average power (dBm) | Tune-Up Limit | Duty Cycle % | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| Bluetooth | BR / EDR 1Mbps | 0       | 2402            | 6.33                | 6.50          | 76.93        | 3.30                | 5.00          | 76.80        |
|           |                | 39      | 2441            | 6.06                | 6.50          |              | 4.62                | 5.00          |              |
|           |                | 78      | 2480            | 5.93                | 6.50          |              | 4.26                | 5.00          |              |
|           | BR / EDR 2Mbps | 0       | 2402            | 4.49                | 4.50          | 76.93        | 1.56                | 3.00          | 76.93        |
|           |                | 39      | 2441            | 4.24                | 4.50          |              | 2.86                | 3.00          |              |
|           |                | 78      | 2480            | 4.14                | 4.50          |              | 2.56                | 3.00          |              |
|           | BR / EDR 3Mbps | 0       | 2402            | 4.50                | 4.50          | 77.07        | 1.75                | 3.00          | 76.93        |
|           |                | 39      | 2441            | 4.26                | 4.50          |              | 2.93                | 3.00          |              |
|           |                | 78      | 2480            | 4.21                | 4.50          |              | 2.58                | 3.00          |              |
|           | LE 1Mbps       | 0       | 2402            | 5.48                | 5.50          | 61.92        | 2.58                | 4.00          | 62.19        |
|           |                | 19      | 2440            | 5.04                | 5.50          |              | 3.63                | 4.00          |              |
|           |                | 39      | 2480            | 5.35                | 5.50          |              | 3.69                | 4.00          |              |
|           | LE 2Mbps       | 0       | 2402            | 5.43                | 5.50          | 32.77        | 2.48                | 4.00          | 32.43        |
|           |                | 19      | 2440            | 4.97                | 5.50          |              | 3.59                | 4.00          |              |
|           |                | 39      | 2480            | 5.26                | 5.50          |              | 3.60                | 4.00          |              |



### General Note:

- For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.93% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.



**General Note:**

- For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.80% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.