

# FCC Test Report

**FCC ID** : NKR-DNUAPO1  
**Equipment** : 802.11N 2\*2 USB module  
**Model No.** : DNUA-PO1  
**Brand Name** : WNC  
**Applicant** : Wistron NeWeb Corporation  
**Address** : 20 Park Avenue II, Hsinchu Science Park,  
Hsinchu 308,Taiwan,R.O.C.  
**Standard** : 47 CFR FCC Part 15.247  
**Received Date** : Jul. 08, 2014  
**Tested Date** : Jul. 21 ~ Aug. 11, 2014

We, International Certification Corp., would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Approved & Reviewed by:



Gary Chang / Manager



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## Release Record

| Report No. | Version | Description   | Issued Date   |
|------------|---------|---------------|---------------|
| FR470802AC | Rev. 01 | Initial issue | Aug. 29, 2014 |

## Summary of Test Results

| FCC Rules           | Test Items                        | Measured                                                          | Result |
|---------------------|-----------------------------------|-------------------------------------------------------------------|--------|
| 15.207              | Conducted Emissions               | [dBuV]: 1.614MHz<br>23.32(Margin -22.68dB) - AV                   | Pass   |
| 15.247(d)<br>15.209 | Radiated Emissions                | [dBuV/m at 3m]: 1641.33 & 2288 MHz<br>53.48 (Margin -0.52dB) - AV | Pass   |
| 15.247(b)(3)        | Fundamental Emission Output Power | Max Power [dBm]: 26.72                                            | Pass   |
| 15.247(a)(2)        | 6dB Bandwidth                     | Meet the requirement of limit                                     | Pass   |
| 15.247(e)           | Power Spectral Density            | Meet the requirement of limit                                     | Pass   |
| 15.203              | Antenna Requirement               | Meet the requirement of limit                                     | Pass   |

# 1 General Description

## 1.1 Information

### 1.1.1 Specification of the Equipment under Test (EUT)

| RF General Information                                                                                                                                                                                                                       |                  |                 |                |                                    |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------|----------------|------------------------------------|-----------------|
| Frequency Range (MHz)                                                                                                                                                                                                                        | IEEE Std. 802.11 | Ch. Freq. (MHz) | Channel Number | Transmit Chains (N <sub>TX</sub> ) | Data Rate / MCS |
| 2400-2483.5                                                                                                                                                                                                                                  | b                | 2412-2462       | 1-11 [11]      | 2                                  | 1-11 Mbps       |
| 2400-2483.5                                                                                                                                                                                                                                  | g                | 2412-2462       | 1-11 [11]      | 2                                  | 6-54 Mbps       |
| 2400-2483.5                                                                                                                                                                                                                                  | n (HT20)         | 2412-2462       | 1-11 [11]      | 2                                  | MCS 0-15        |
| 2400-2483.5                                                                                                                                                                                                                                  | n (HT40)         | 2422-2452       | 3-9 [7]        | 2                                  | MCS 0-15        |
| Note 1: RF output power specifies that Maximum Peak Conducted Output Power.<br>Note 2: 802.11b uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.<br>Note 3: 802.11g/n uses a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation. |                  |                 |                |                                    |                 |

### 1.1.2 Antenna Details

| Ant. No. | Model | Type     | Connector | Operating Frequencies (MHz) / Antenna Gain (dBi) |           |           |           |           |
|----------|-------|----------|-----------|--------------------------------------------------|-----------|-----------|-----------|-----------|
|          |       |          |           | 2400~2483.5                                      | 5150~5250 | 5250~5350 | 5470~5725 | 5725~5850 |
| 1        | Left  | monopole | MCX       | 5.81                                             | 11.55     | 11.65     | 11.66     | 10.72     |
| 2        | Right | monopole | MCX       | 5.75                                             | 11.37     | 11.27     | 11.41     | 10.66     |

### 1.1.3 Power Supply Type of Equipment under Test (EUT)

|                   |                |
|-------------------|----------------|
| Power Supply Type | 5Vdc from host |
|-------------------|----------------|

### 1.1.4 Accessories

N/A

### 1.1.5 Channel List

| Frequency band (MHz)  |                | 2400~2483.5  |                |
|-----------------------|----------------|--------------|----------------|
| 802.11 b / g / n HT20 |                | 802.11n HT40 |                |
| Channel               | Frequency(MHz) | Channel      | Frequency(MHz) |
| 1                     | 2412           | 3            | 2422           |
| 2                     | 2417           | 4            | 2427           |
| 3                     | 2422           | 5            | 2432           |
| 4                     | 2427           | 6            | 2437           |
| 5                     | 2432           | 7            | 2442           |
| 6                     | 2437           | 8            | 2447           |
| 7                     | 2442           | 9            | 2452           |
| 8                     | 2447           | ---          | ---            |
| 9                     | 2452           | ---          | ---            |
| 10                    | 2457           | ---          | ---            |
| 11                    | 2462           | ---          | ---            |

### 1.1.6 Test Tool and Duty Cycle

| Test Tool                  | ART2-GUI, Version 2.3 |                |                  |
|----------------------------|-----------------------|----------------|------------------|
| Duty Cycle and Duty Factor | Mode                  | Duty cycle (%) | Duty factor (dB) |
|                            | 11b                   | 99.76%         | 0.01             |
|                            | 11g                   | 98.08%         | 0.08             |
|                            | HT20                  | 98.20%         | 0.08             |
|                            | HT40                  | 95.12%         | 0.22             |

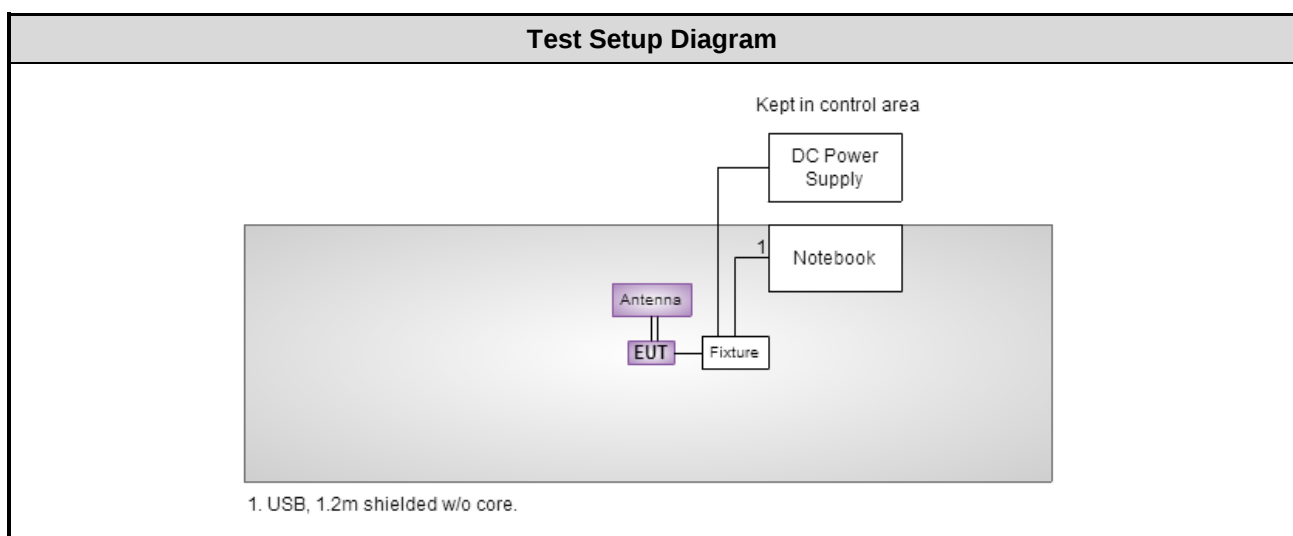
### 1.1.7 Conducted Power (dBm)

| Modulation Mode | Test Frequency (MHz) | Conducted Power(dBm) |
|-----------------|----------------------|----------------------|
| 11b             | 2412                 | 21.28                |
| 11b             | 2437                 | 20.35                |
| 11b             | 2462                 | 20.85                |
| 11g             | 2412                 | 22.09                |
| 11g             | 2437                 | 26.72                |
| 11g             | 2462                 | 21.08                |
| HT20            | 2412                 | 21.48                |
| HT20            | 2437                 | 26.25                |
| HT20            | 2462                 | 20.16                |
| HT40            | 2422                 | 19.14                |
| HT40            | 2437                 | 22.05                |
| HT40            | 2452                 | 19.04                |

## 1.2 Local Support Equipment List

| Support Equipment List |                 |          |           |     |        |                                   |
|------------------------|-----------------|----------|-----------|-----|--------|-----------------------------------|
| No.                    | Equipment       | Brand    | Model     | S/N | FCC ID | Signal cable / Length (m)         |
| 1                      | Notebook        | DELL     | E6430     | --- | DoC    | USB 1.2m shielded cable w/o core. |
| 2                      | DC Power Supply | GWINSTEK | GPC-60300 | --- | DoC    | ---                               |

## 1.3 Test Setup Chart



Note: DC power supply was placed on test table for conducted emission test.

## 1.4 The Equipment List

| Test Item                                                           | Conducted Emission            |                  |               |                  |                   |
|---------------------------------------------------------------------|-------------------------------|------------------|---------------|------------------|-------------------|
| Test Site                                                           | Conduction room 1 / (CO01-WS) |                  |               |                  |                   |
| Instrument                                                          | Manufacturer                  | Model No.        | Serial No.    | Calibration Date | Calibration Until |
| EMC Receiver                                                        | R&S                           | ESCS 30          | 100169        | Oct. 15, 2013    | Oct. 14, 2014     |
| LISN                                                                | SCHWARZBECK                   | Schwarzbeck 8127 | 8127-667      | Nov. 23, 2013    | Nov. 22, 2014     |
| LISN<br>(Support Unit)                                              | SCHWARZBECK                   | Schwarzbeck 8127 | 8127-666      | Dec. 04, 2013    | Dec. 03, 2014     |
| RF Cable-CON                                                        | Woken                         | CFD200-NL        | CFD200-NL-001 | Apr. 23, 2014    | Apr. 22, 2015     |
| 50 ohm terminal<br>(Support Unit)                                   | NA                            | 50               | 04            | Apr. 18, 2014    | Apr. 17, 2015     |
| Note: Calibration Interval of instruments listed above is one year. |                               |                  |               |                  |                   |

| Test Item                                                           | Radiated Emission           |                   |                     |                  |                   |
|---------------------------------------------------------------------|-----------------------------|-------------------|---------------------|------------------|-------------------|
| Test Site                                                           | 966 chamber 3 / (03CH03-WS) |                   |                     |                  |                   |
| Instrument                                                          | Manufacturer                | Model No.         | Serial No.          | Calibration Date | Calibration Until |
| Spectrum Analyzer                                                   | Agilent                     | N9010A            | MY53400091          | Oct. 07, 2013    | Oct. 06, 2014     |
| Receiver                                                            | Agilent                     | N9038A            | MY53290044          | Jan. 08, 2014    | Jan. 07, 2015     |
| Bilog Antenna                                                       | SCHWARZBECK                 | VULB9168          | VULB9168-562        | Feb. 07, 2014    | Feb. 06, 2015     |
| Horn Antenna<br>1G-18G                                              | SCHWARZBECK                 | BBHA 9120 D       | BBHA 9120 D 1206    | Feb. 20, 2014    | Feb. 19, 2015     |
| Horn Antenna<br>18G-40G                                             | SCHWARZBECK                 | BBHA 9170         | BBHA 9170517        | Dec. 27, 2013    | Dec. 26, 2014     |
| Preamplifier                                                        | EMC                         | EMC02325          | 980187              | Nov. 22, 2013    | Nov. 21, 2014     |
| Preamplifier                                                        | Agilent                     | 83017A            | MY53270014          | Nov. 22, 2013    | Nov. 21, 2014     |
| Preamplifier                                                        | WM                          | TF-130N-R1        | 923365              | Oct. 23, 2013    | Oct. 22, 2014     |
| RF cable-3M                                                         | HUBER+SUHNER                | SUCOFLEX104       | MY22620/4           | Feb. 19, 2014    | Feb. 18, 2015     |
| RF cable-8M                                                         | HUBER+SUHNER                | SUCOFLEX104       | MY22601/4           | Feb. 19, 2014    | Feb. 18, 2015     |
| RF cable-1M                                                         | HUBER+SUHNER                | SUCOFLEX104       | MY22624/4           | Feb. 19, 2014    | Feb. 18, 2015     |
| LF cable-0.8M                                                       | EMC                         | EMC8D-NM-NM-800   | EMC8D-NM-NM-800-001 | Feb. 17, 2014    | Feb. 16, 2015     |
| LF cable-3M                                                         | EMC                         | EMC8D-NM-NM-3000  | 131103              | Feb. 17, 2014    | Feb. 16, 2015     |
| LF cable-13M                                                        | EMC                         | EMC8D-NM-NM-13000 | 131104              | Feb. 17, 2014    | Feb. 16, 2015     |
| Note: Calibration Interval of instruments listed above is one year. |                             |                   |                     |                  |                   |

|                                                                     |     |         |        |               |               |
|---------------------------------------------------------------------|-----|---------|--------|---------------|---------------|
| Loop Antenna                                                        | R&S | HFH2-Z2 | 100330 | Nov. 15, 2012 | Nov. 14, 2014 |
| Note: Calibration Interval of instruments listed above is two year. |     |         |        |               |               |

|                                                                     |                     |                  |                   |                         |                          |
|---------------------------------------------------------------------|---------------------|------------------|-------------------|-------------------------|--------------------------|
| <b>Test Item</b>                                                    | RF Conducted        |                  |                   |                         |                          |
| <b>Test Site</b>                                                    | (TH01-WS)           |                  |                   |                         |                          |
| <b>Instrument</b>                                                   | <b>Manufacturer</b> | <b>Model No.</b> | <b>Serial No.</b> | <b>Calibration Date</b> | <b>Calibration Until</b> |
| Spectrum Analyzer                                                   | R&S                 | FSV40            | 101063            | Feb. 17, 2014           | Feb. 16, 2015            |
| Power Meter                                                         | Anritsu             | ML2495A          | 1241002           | Oct. 24, 2013           | Oct. 23, 2014            |
| Power Sensor                                                        | Anritsu             | MA2411B          | 1207366           | Oct. 24, 2013           | Oct. 23, 2014            |
| Note: Calibration Interval of instruments listed above is one year. |                     |                  |                   |                         |                          |

## 1.5 Test Standards

According to the specification of EUT, the EUT must comply with following standards and KDB documents.

47 CFR FCC Part 15.247

ANSI C63.10-2009

FCC KDB 558074 D01 DTS Meas Guidance v03r02

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

## 1.6 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

| Measurement Uncertainty  |             |
|--------------------------|-------------|
| Parameters               | Uncertainty |
| Bandwidth                | ±34.134 Hz  |
| Conducted power          | ±0.808 dB   |
| Frequency error          | ±34.134 Hz  |
| Temperature              | ±0.6 °C     |
| Conducted emission       | ±2.670 dB   |
| AC conducted emission    | ±2.92 dB    |
| Radiated emission ≤ 1GHz | ±3.26 dB    |
| Radiated emission > 1GHz | ±4.94 dB    |

## 2 Test Configuration

### 2.1 Testing Condition

| Test Item          | Test Site | Ambient Condition | Tested By                   |
|--------------------|-----------|-------------------|-----------------------------|
| AC Conduction      | CO01-WS   | 21°C / 68%        | Skys Huang                  |
| Radiated Emissions | 03CH03-WS | 21-24°C / 61-65%  | Anderson Hong<br>Aska Huang |
| RF Conducted       | TH01-WS   | 22°C / 65%        | Brad Wu                     |

➤ FCC site registration No.: 390588

➤ IC site registration No.: 10807C-1

### 2.2 The Worst Test Modes and Channel Details

| Test item                                                                                                                                                                                                          | Modulation Mode | Test Frequency (MHz) | Data Rate (Mbps) / MCS | Test Configuration |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|------------------------|--------------------|
| Conducted Emissions                                                                                                                                                                                                | 11g             | 2437                 | 6 Mbps                 | ---                |
| Radiated Emissions ≤1GHz                                                                                                                                                                                           | 11g             | 2437                 | 6 Mbps                 | ---                |
| Radiated Emissions >1GHz                                                                                                                                                                                           | 11b             | 2412 / 2437 / 2462   | 1 Mbps                 | ---                |
| Fundamental Emission Output Power                                                                                                                                                                                  | 11g             | 2412 / 2437 / 2462   | 6 Mbps                 |                    |
| 6dB bandwidth                                                                                                                                                                                                      | HT20            | 2412 / 2437 / 2462   | MCS 0                  |                    |
| Power spectral density                                                                                                                                                                                             | HT40            | 2422 / 2437 / 2452   | MCS 0                  |                    |
| NOTE:                                                                                                                                                                                                              |                 |                      |                        |                    |
| 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The <b>Z-plane</b> results were found as the worst case and were shown in this report. |                 |                      |                        |                    |

### 3 Transmitter Test Results

#### 3.1 Conducted Emissions

##### 3.1.1 Limit of Conducted Emissions

| Conducted Emissions Limit |            |           |
|---------------------------|------------|-----------|
| Frequency Emission (MHz)  | Quasi-Peak | Average   |
| 0.15-0.5                  | 66 - 56 *  | 56 - 46 * |
| 0.5-5                     | 56         | 46        |
| 5-30                      | 60         | 50        |

Note 1: \* Decreases with the logarithm of the frequency.

##### 3.1.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50  $\Omega$  LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

##### 3.1.3 Test Setup

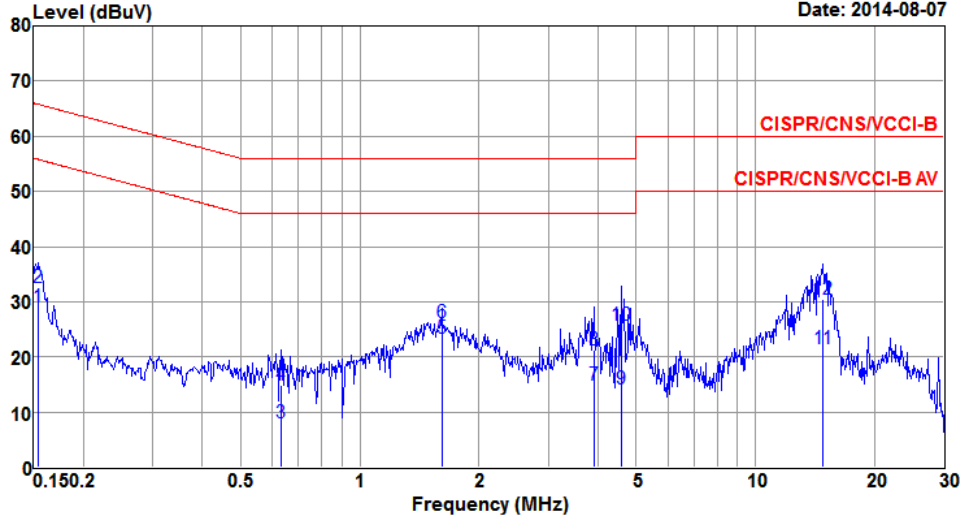


- Note: 1. Support units were connected to second LISN.  
2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

### 3.1.4 Test Result of Conducted Emissions

|             |      |                  |      |
|-------------|------|------------------|------|
| Modulation  | 11g  | Test Freq. (MHz) | 2437 |
| Power Phase | Line |                  |      |



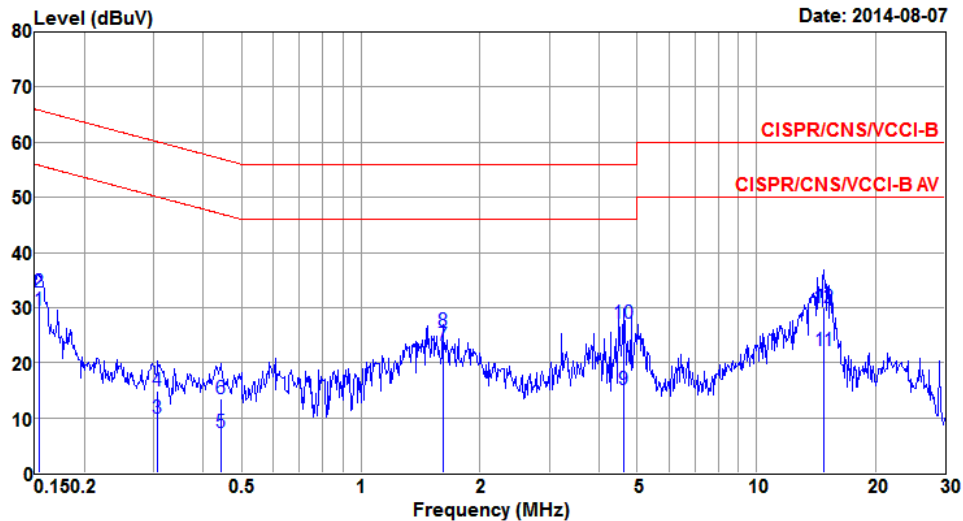
The graph shows the conducted emission level in dBuV versus frequency in MHz. The y-axis ranges from 0 to 80 dBuV, and the x-axis ranges from 0.15 to 30 MHz. Two red limit lines are shown: CISPR/CNS/VCCI-B (upper) and CISPR/CNS/VCCI-B AV (lower). The blue test curve shows several peaks, with the highest peak at 1.614 MHz (23.32 dBuV) and another at 14.828 MHz (30.56 dBuV). Both peaks are below the corresponding limit lines.

Date: 2014-08-07

|    | Freq<br>MHz | Level<br>dBuV | Limit<br>Line<br>dBuV | Over<br>Limit<br>dB | Read<br>Level<br>dBuV | LISN<br>factor<br>dB | cable<br>loss<br>dB | Remark  |
|----|-------------|---------------|-----------------------|---------------------|-----------------------|----------------------|---------------------|---------|
| 1  | 0.154       | 29.12         | 55.78                 | -26.66              | 28.70                 | 0.40                 | 0.02                | Average |
| 2  | 0.154       | 32.68         | 65.78                 | -33.10              | 32.26                 | 0.40                 | 0.02                | QP      |
| 3  | 0.634       | 8.02          | 46.00                 | -37.98              | 7.51                  | 0.40                 | 0.11                | Average |
| 4  | 0.634       | 14.81         | 56.00                 | -41.19              | 14.30                 | 0.40                 | 0.11                | QP      |
| 5* | 1.614       | 23.32         | 46.00                 | -22.68              | 22.82                 | 0.42                 | 0.08                | Average |
| 6  | 1.614       | 26.24         | 56.00                 | -29.76              | 25.74                 | 0.42                 | 0.08                | QP      |
| 7  | 3.901       | 14.77         | 46.00                 | -31.23              | 14.16                 | 0.46                 | 0.15                | Average |
| 8  | 3.901       | 21.36         | 56.00                 | -34.64              | 20.75                 | 0.46                 | 0.15                | QP      |
| 9  | 4.574       | 14.16         | 46.00                 | -31.84              | 13.53                 | 0.47                 | 0.16                | Average |
| 10 | 4.574       | 25.71         | 56.00                 | -30.29              | 25.08                 | 0.47                 | 0.16                | QP      |
| 11 | 14.828      | 21.42         | 50.00                 | -28.58              | 20.56                 | 0.55                 | 0.31                | Average |
| 12 | 14.828      | 30.56         | 60.00                 | -29.44              | 29.70                 | 0.55                 | 0.31                | QP      |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

|             |         |                  |      |
|-------------|---------|------------------|------|
| Modulation  | 11g     | Test Freq. (MHz) | 2437 |
| Power Phase | Neutral |                  |      |



|    | Freq   | Level | Limit        | Over        | Read          | LISN         | cable      | Remark  |
|----|--------|-------|--------------|-------------|---------------|--------------|------------|---------|
|    | MHz    | dBuV  | Line<br>dBuV | Limit<br>dB | Level<br>dBuV | factor<br>dB | loss<br>dB |         |
| 1  | 0.154  | 29.49 | 55.78        | -26.29      | 28.99         | 0.48         | 0.02       | Average |
| 2  | 0.154  | 32.74 | 65.78        | -33.04      | 32.24         | 0.48         | 0.02       | QP      |
| 3  | 0.307  | 9.82  | 50.06        | -40.24      | 9.33          | 0.47         | 0.02       | Average |
| 4  | 0.307  | 14.99 | 60.06        | -45.07      | 14.50         | 0.47         | 0.02       | QP      |
| 5  | 0.442  | 7.22  | 47.02        | -39.80      | 6.71          | 0.47         | 0.04       | Average |
| 6  | 0.442  | 13.50 | 57.02        | -43.52      | 12.99         | 0.47         | 0.04       | QP      |
| 7* | 1.614  | 23.07 | 46.00        | -22.93      | 22.50         | 0.49         | 0.08       | Average |
| 8  | 1.614  | 25.78 | 56.00        | -30.22      | 25.21         | 0.49         | 0.08       | QP      |
| 9  | 4.622  | 15.08 | 46.00        | -30.92      | 14.38         | 0.53         | 0.17       | Average |
| 10 | 4.622  | 27.24 | 56.00        | -28.76      | 26.54         | 0.53         | 0.17       | QP      |
| 11 | 14.828 | 22.20 | 50.00        | -27.80      | 21.33         | 0.56         | 0.31       | Average |
| 12 | 14.828 | 30.06 | 60.00        | -29.94      | 29.19         | 0.56         | 0.31       | QP      |

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

## 3.2 6dB and Occupied Bandwidth

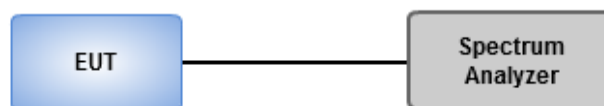
### 3.2.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

### 3.2.2 Test Procedures

1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

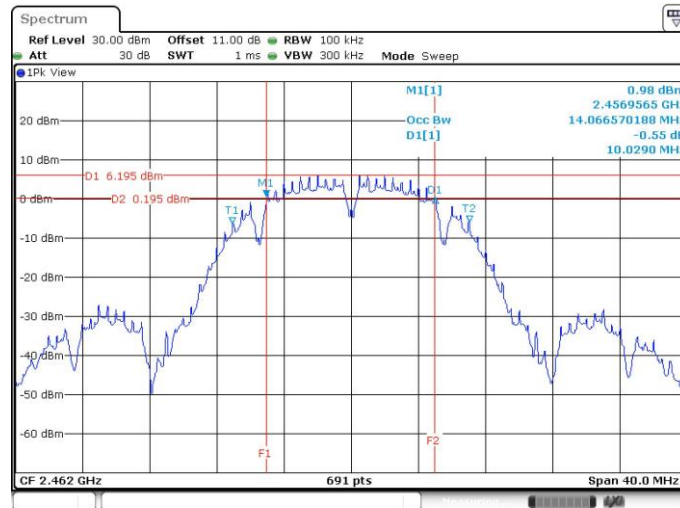
### 3.2.3 Test Setup



### 3.2.4 Test Result of 6dB and Occupied Bandwidth

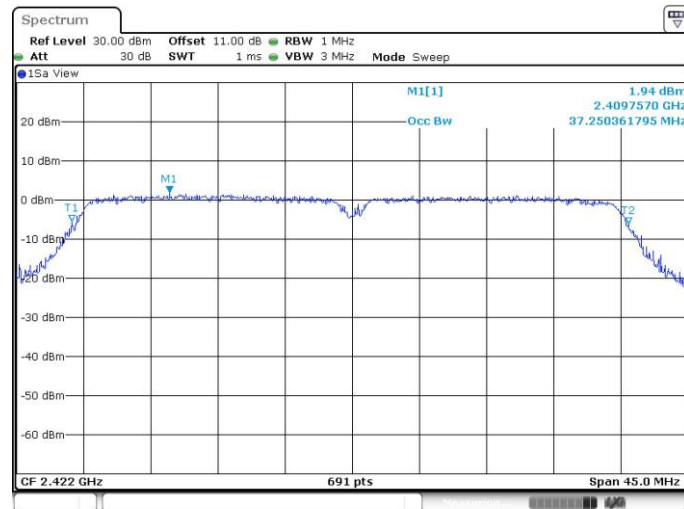
| Modulation Mode | N <sub>TX</sub> | Freq. (MHz) | 6dB Bandwidth (MHz) |         |         |         | Limit (kHz) |
|-----------------|-----------------|-------------|---------------------|---------|---------|---------|-------------|
|                 |                 |             | Chain 0             | Chain 1 | Chain 2 | Chain 3 |             |
| 11b             | 2               | 2412        | 10.09               | 10.09   | ---     | ---     | 500         |
| 11b             | 2               | 2437        | 10.09               | 10.09   | ---     | ---     | 500         |
| 11b             | 2               | 2462        | 10.03               | 10.09   | ---     | ---     | 500         |
| 11g             | 2               | 2412        | 16.35               | 16.35   | ---     | ---     | 500         |
| 11g             | 2               | 2437        | 16.35               | 16.35   | ---     | ---     | 500         |
| 11g             | 2               | 2462        | 16.35               | 16.35   | ---     | ---     | 500         |
| HT20            | 2               | 2412        | 17.57               | 17.22   | ---     | ---     | 500         |
| HT20            | 2               | 2437        | 16.99               | 16.93   | ---     | ---     | 500         |
| HT20            | 2               | 2462        | 17.57               | 17.57   | ---     | ---     | 500         |
| HT40            | 2               | 2422        | 35.94               | 36.29   | ---     | ---     | 500         |
| HT40            | 2               | 2437        | 36.41               | 36.17   | ---     | ---     | 500         |
| HT40            | 2               | 2452        | 36.17               | 36.17   | ---     | ---     | 500         |

#### Worst Plots



| Modulation Mode | N <sub>TX</sub> | Freq. (MHz) | 99% Occupied Bandwidth (MHz) |         |         |         |
|-----------------|-----------------|-------------|------------------------------|---------|---------|---------|
|                 |                 |             | Chain 0                      | Chain 1 | Chain 2 | Chain 3 |
| 11b             | 2               | 2412        | 14.22                        | 14.11   | ---     | ---     |
| 11b             | 2               | 2437        | 14.07                        | 14.04   | ---     | ---     |
| 11b             | 2               | 2462        | 14.07                        | 14.11   | ---     | ---     |
| 11g             | 2               | 2412        | 17.00                        | 16.79   | ---     | ---     |
| 11g             | 2               | 2437        | 18.45                        | 17.80   | ---     | ---     |
| 11g             | 2               | 2462        | 16.97                        | 16.79   | ---     | ---     |
| HT20            | 2               | 2412        | 18.09                        | 17.95   | ---     | ---     |
| HT20            | 2               | 2437        | 18.99                        | 18.42   | ---     | ---     |
| HT20            | 2               | 2462        | 18.09                        | 17.98   | ---     | ---     |
| HT40            | 2               | 2422        | 37.25                        | 37.12   | ---     | ---     |
| HT40            | 2               | 2437        | 37.12                        | 37.12   | ---     | ---     |
| HT40            | 2               | 2452        | 37.25                        | 37.12   | ---     | ---     |

### Worst Plots



### 3.3 RF Output Power

#### 3.3.1 Limit of RF Output Power

Conducted power shall not exceed 1Watt.

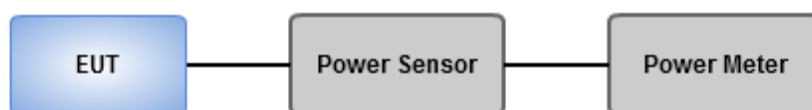
- ☒ Antenna gain  $\leq 6\text{dBi}$ , no any corresponding reduction is in output power limit.
- ☐ Antenna gain  $> 6\text{dBi}$ 
  - ☐ Non Fixed, point to point operations.  
The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB
  - ☐ Fixed, point to point operations  
Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

Systems operating in the 5725–5850 MHz band that are used exclusively for fixed, point-to-point operations ,no any corresponding reduction is in transmitter peak output power

#### 3.3.2 Test Procedures

- ☒ Maximum Peak Conducted Output Power
  - ☐ **Spectrum analyzer**
    1. Set RBW = 1MHz, VBW = 3MHz, Detector = Peak.
    2. Sweep time = auto, Trace mode = max hold, Allow trace to fully stabilize.
    3. Use the spectrum analyzer channel power measurement function with the band limits set equal to the DTS bandwidth edges.
  - ☒ **Power meter**
    1. A broadband Peak RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.
- ☒ Maximum Conducted Output Power ( For reference only )
  - ☒ **Power meter**
    1. A broadband Average RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

#### 3.3.3 Test Setup



### 3.3.4 Test Result of Maximum Output Power

| Modulation Mode | N <sub>TX</sub> | Freq. (MHz) | Peak conducted output power (dBm) |         |         |         | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-----------------|-----------------|-------------|-----------------------------------|---------|---------|---------|------------------|-------------------|-------------|
|                 |                 |             | Chain 0                           | Chain 1 | Chain 2 | Chain 3 |                  |                   |             |
| 11b             | 2               | 2412        | 18.45                             | 18.09   | ---     | ---     | 134.401          | 21.28             | 30.00       |
| 11b             | 2               | 2437        | 17.45                             | 17.22   | ---     | ---     | 108.313          | 20.35             | 30.00       |
| 11b             | 2               | 2462        | 17.94                             | 17.73   | ---     | ---     | 121.523          | 20.85             | 30.00       |
| 11g             | 2               | 2412        | 19.15                             | 19.01   | ---     | ---     | 161.840          | 22.09             | 30.00       |
| 11g             | 2               | 2437        | 23.60                             | 23.81   | ---     | ---     | 469.523          | 26.72             | 30.00       |
| 11g             | 2               | 2462        | 18.02                             | 18.12   | ---     | ---     | 128.250          | 21.08             | 30.00       |
| HT20            | 2               | 2412        | 18.52                             | 18.41   | ---     | ---     | 140.464          | 21.48             | 30.00       |
| HT20            | 2               | 2437        | 23.14                             | 23.33   | ---     | ---     | 421.341          | 26.25             | 30.00       |
| HT20            | 2               | 2462        | 17.02                             | 17.27   | ---     | ---     | 103.684          | 20.16             | 30.00       |
| HT40            | 2               | 2422        | 16.23                             | 16.02   | ---     | ---     | 81.970           | 19.14             | 30.00       |
| HT40            | 2               | 2437        | 18.97                             | 19.11   | ---     | ---     | 160.356          | 22.05             | 30.00       |
| HT40            | 2               | 2452        | 15.81                             | 16.24   | ---     | ---     | 80.179           | 19.04             | 30.00       |

| Modulation Mode | N <sub>TX</sub> | Freq. (MHz) | Conducted (average) output power (dBm) |         |         |         | Total Power (mW) | Total Power (dBm) | Limit (dBm) |
|-----------------|-----------------|-------------|----------------------------------------|---------|---------|---------|------------------|-------------------|-------------|
|                 |                 |             | Chain 0                                | Chain 1 | Chain 2 | Chain 3 |                  |                   |             |
| 11b             | 2               | 2412        | 16.43                                  | 16.01   | ---     | ---     | 83.857           | 19.24             | 30.00       |
| 11b             | 2               | 2437        | 15.29                                  | 15.14   | ---     | ---     | 66.465           | 18.23             | 30.00       |
| 11b             | 2               | 2462        | 15.81                                  | 15.73   | ---     | ---     | 75.518           | 18.78             | 30.00       |
| 11g             | 2               | 2412        | 11.65                                  | 11.31   | ---     | ---     | 28.142           | 14.49             | 30.00       |
| 11g             | 2               | 2437        | 18.56                                  | 18.76   | ---     | ---     | 146.942          | 21.67             | 30.00       |
| 11g             | 2               | 2462        | 9.54                                   | 9.71    | ---     | ---     | 18.349           | 12.64             | 30.00       |
| HT20            | 2               | 2412        | 10.61                                  | 10.33   | ---     | ---     | 22.297           | 13.48             | 30.00       |
| HT20            | 2               | 2437        | 17.73                                  | 17.81   | ---     | ---     | 119.687          | 20.78             | 30.00       |
| HT20            | 2               | 2462        | 8.51                                   | 9.04    | ---     | ---     | 15.113           | 11.79             | 30.00       |
| HT40            | 2               | 2422        | 7.56                                   | 7.51    | ---     | ---     | 11.338           | 10.55             | 30.00       |
| HT40            | 2               | 2437        | 11.37                                  | 11.51   | ---     | ---     | 27.867           | 14.45             | 30.00       |
| HT40            | 2               | 2452        | 7.42                                   | 7.82    | ---     | ---     | 11.574           | 10.63             | 30.00       |

Note: Conducted average output power is for reference only.

### 3.4 Power Spectral Density

#### 3.4.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

#### 3.4.2 Test Procedures

- ☒ Maximum peak conducted output power was used to demonstrate compliance to the fundamental output power limit.
  1. Set the RBW = 3kHz, VBW = 10kHz.
  2. Detector = Peak, Sweep time = auto couple.
  3. Trace mode = max hold, allow trace to fully stabilize.
  4. Use the peak marker function to determine the maximum amplitude level.
- ☐ Maximum (average) conducted output power was used to demonstrate compliance to the fundamental output power limit.
  1. Set the RBW = 100kHz, VBW = 300 kHz.
  2. Detector = RMS, Sweep time = auto couple.
  3. Set the sweep time to:  $\geq 10 \times (\text{number of measurement points in sweep}) \times (\text{maximum data rate per stream})$ .
  4. Perform the measurement over a single sweep.
  5. Use the peak marker function to determine the maximum amplitude level.

#### 3.4.3 Test Setup

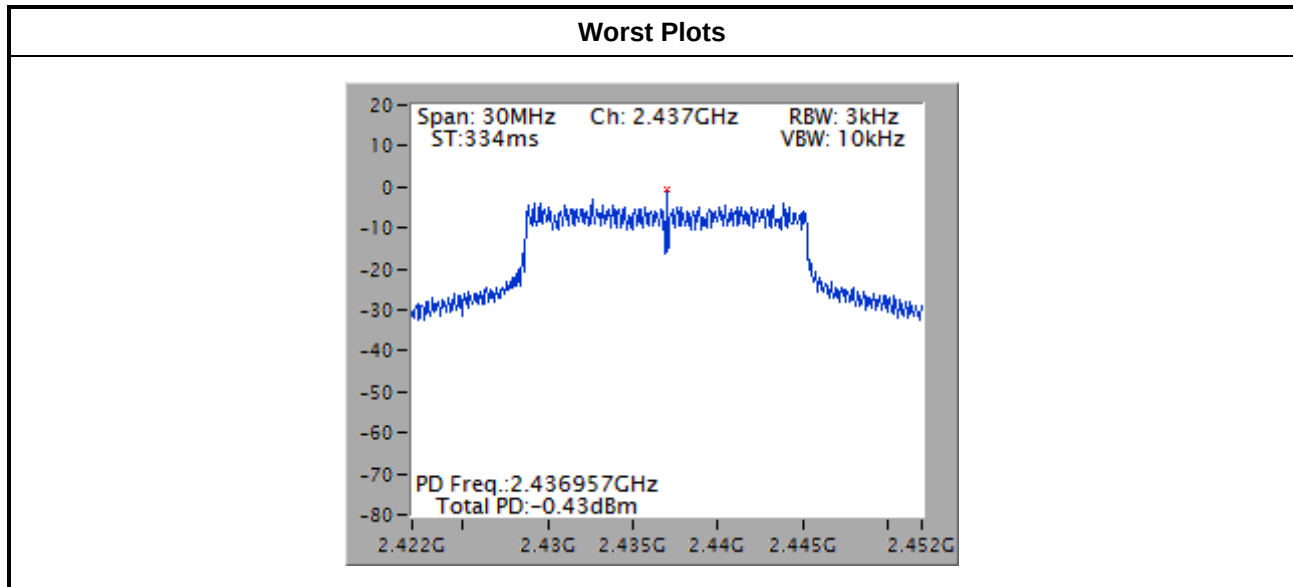


### 3.4.4 Test Result of Power Spectral Density

| Modulation Mode | N <sub>TX</sub> | Freq. (MHz) | Total Power Spectral Density (dBm/3kHz) | Limit (dBm/3kHz) |
|-----------------|-----------------|-------------|-----------------------------------------|------------------|
| 11b             | 2               | 2412        | -5.28                                   | 5.21             |
| 11b             | 2               | 2437        | -6.12                                   | 5.21             |
| 11b             | 2               | 2462        | -5.27                                   | 5.21             |
| 11g             | 2               | 2412        | -11.16                                  | 5.21             |
| 11g             | 2               | 2437        | -0.43                                   | 5.21             |
| 11g             | 2               | 2462        | -12.29                                  | 5.21             |
| HT20            | 2               | 2412        | -12.54                                  | 5.21             |
| HT20            | 2               | 2437        | -4.87                                   | 5.21             |
| HT20            | 2               | 2462        | -14.06                                  | 5.21             |
| HT40            | 2               | 2422        | -18.77                                  | 5.21             |
| HT40            | 2               | 2437        | -14.78                                  | 5.21             |
| HT40            | 2               | 2452        | -18.67                                  | 5.21             |

Note:

1. Test result is bin-by-bin summing measured value of each TX port.
2. Directional gain =  $10 * \log((10^{5.81/20} + 10^{5.75/20})/2) = 8.79 \text{ dBi} > 6 \text{ dBi}$ .  
Limit shall be reduced to  $8 \text{ dBm} - (8.79 \text{ dBi} - 6 \text{ dBi}) = 5.21 \text{ dBm}$



### 3.5 Unwanted Emissions into Restricted Frequency Bands

#### 3.5.1 Limit of Unwanted Emissions into Restricted Frequency Bands

| Restricted Band Emissions Limit |                       |                         |                      |
|---------------------------------|-----------------------|-------------------------|----------------------|
| Frequency Range (MHz)           | Field Strength (uV/m) | Field Strength (dBuV/m) | Measure Distance (m) |
| 0.009~0.490                     | 2400/F(kHz)           | 48.5 - 13.8             | 300                  |
| 0.490~1.705                     | 24000/F(kHz)          | 33.8 - 23               | 30                   |
| 1.705~30.0                      | 30                    | 29                      | 30                   |
| 30~88                           | 100                   | 40                      | 3                    |
| 88~216                          | 150                   | 43.5                    | 3                    |
| 216~960                         | 200                   | 46                      | 3                    |
| Above 960                       | 500                   | 54                      | 3                    |

**Note 1:**  
Qusai-Peak value is measured for frequency below 1GHz except for 9~90 kHz, 110~490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

**Note 2:**  
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

#### 3.5.2 Test Procedures

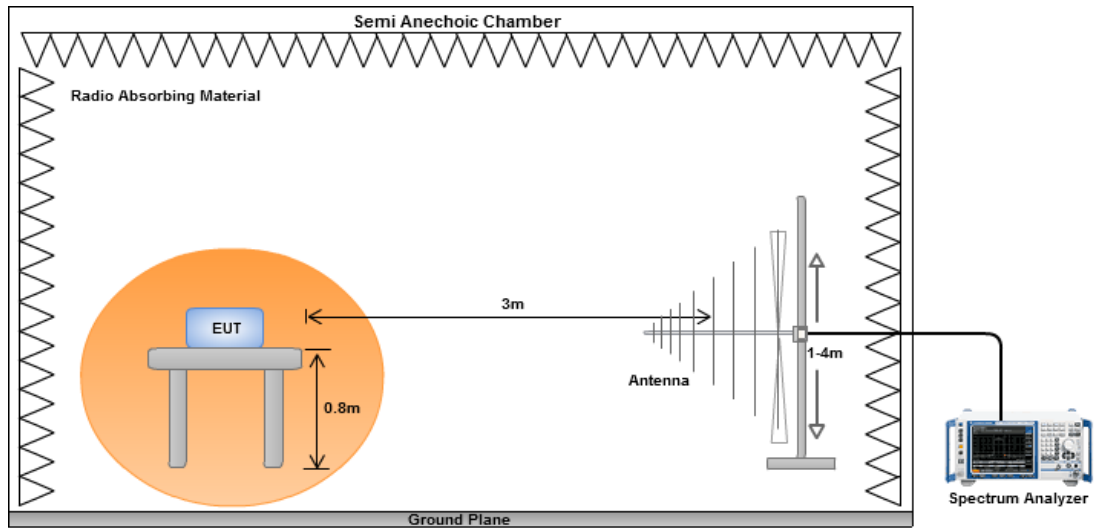
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at a height of 0.8 m test table above the ground plane.
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

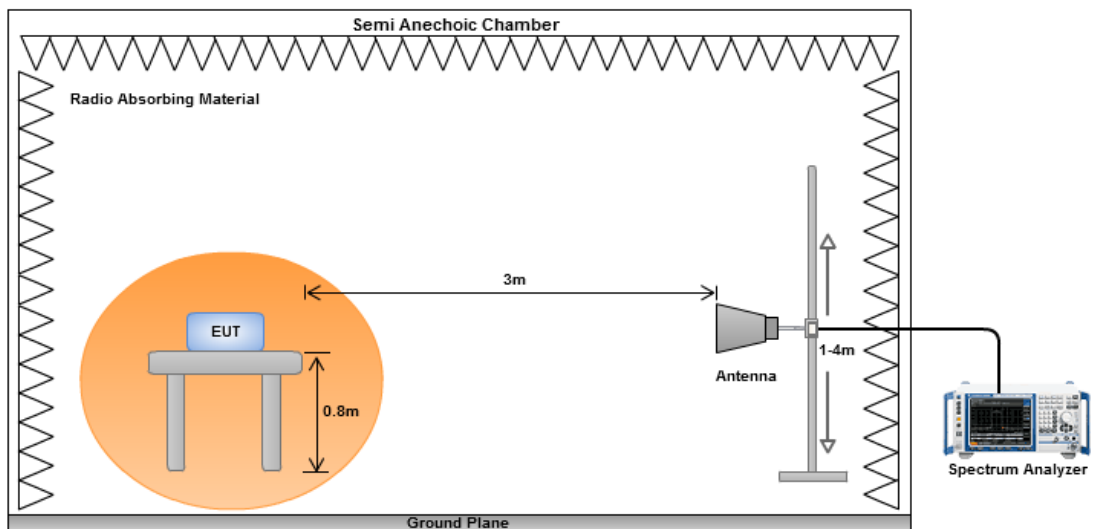
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

### 3.5.3 Test Setup

#### Radiated Emissions below 1 GHz



#### Radiated Emissions above 1 GHz



### 3.5.4 Transmitter Radiated Unwanted Emissions (Below 1GHz)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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### 3.5.5 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11b

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(dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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|            |                  |      |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 11b          | Test Freq. (MHz)            | 2437            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|-----------------|--------------|-----------------------|-----------------------------|-----------------|-------------------|-----------------------|--------------|--------|-------------------|----------------------|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|--------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|-----|---|---------|-------|-------|--------|-------|------|------|-----|-----|---|---------|-------|-------|--------|-------|-------|---------|-----|-----|----|---------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vertical     |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div><div>2</div><div>4</div><div>6</div><div>8</div><div>10</div></div><div><div>1</div><div>3</div><div>5</div><div>7</div><div>9</div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div><table><thead><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr></thead><tbody><tr><td>1</td><td>1624.66</td><td>52.97</td><td>54.00</td><td>-1.03</td><td>57.61</td><td>-4.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1624.66</td><td>55.86</td><td>74.00</td><td>-18.14</td><td>60.50</td><td>-4.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.48</td><td>54.00</td><td>-1.52</td><td>54.64</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>59.18</td><td>74.00</td><td>-14.82</td><td>61.34</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2356.60</td><td>43.35</td><td>54.00</td><td>-10.65</td><td>45.23</td><td>-1.88</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2356.60</td><td>53.52</td><td>74.00</td><td>-20.48</td><td>55.40</td><td>-1.88</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4874.00</td><td>52.87</td><td>54.00</td><td>-1.13</td><td>47.35</td><td>5.52</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4874.00</td><td>55.16</td><td>74.00</td><td>-18.84</td><td>49.64</td><td>5.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7311.00</td><td>37.19</td><td>54.00</td><td>-16.81</td><td>25.88</td><td>11.31</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7311.00</td><td>49.83</td><td>74.00</td><td>-24.17</td><td>38.52</td><td>11.31</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1624.66 | 52.97 | 54.00 | -1.03 | 57.61 | -4.64 | Average | --- | --- | 2 | 1624.66 | 55.86 | 74.00 | -18.14 | 60.50 | -4.64 | Peak | --- | --- | 3 | 2288.00 | 52.48 | 54.00 | -1.52 | 54.64 | -2.16 | Average | --- | --- | 4 | 2288.00 | 59.18 | 74.00 | -14.82 | 61.34 | -2.16 | Peak | --- | --- | 5 | 2356.60 | 43.35 | 54.00 | -10.65 | 45.23 | -1.88 | Average | --- | --- | 6 | 2356.60 | 53.52 | 74.00 | -20.48 | 55.40 | -1.88 | Peak | --- | --- | 7 | 4874.00 | 52.87 | 54.00 | -1.13 | 47.35 | 5.52 | Average | --- | --- | 8 | 4874.00 | 55.16 | 74.00 | -18.84 | 49.64 | 5.52 | Peak | --- | --- | 9 | 7311.00 | 37.19 | 54.00 | -16.81 | 25.88 | 11.31 | Average | --- | --- | 10 | 7311.00 | 49.83 | 74.00 | -24.17 | 38.52 | 11.31 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2288.00      | 52.48                       | 54.00           | -1.52        | 54.64                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2288.00      | 59.18                       | 74.00           | -14.82       | 61.34                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2356.60      | 43.35                       | 54.00           | -10.65       | 45.23                 | -1.88                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7311.00      | 37.19                       | 54.00           | -16.81       | 25.88                 | 11.31                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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(MHz) | 2462 |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Horizontal |                  |      |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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|            |                  |      |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 11b          | Test Freq. (MHz)            | 2462            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|-----------------|--------------|-----------------------|-----------------------------|-----------------|-------------------|-----------------------|--------------|--------|-------------------|----------------------|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|------|---------|-----|-----|---|---------|-------|-------|--------|-------|------|------|-----|-----|---|---------|-------|-------|--------|-------|-------|---------|-----|-----|----|---------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Vertical     |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div><div><div>2</div><div>46</div><div>3</div><div>5</div><div>7</div><div>10</div><div>9</div></div></div><div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>1641.33</td><td>53.44</td><td>54.00</td><td>-0.56</td><td>58.03</td><td>-4.59</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1641.33</td><td>56.47</td><td>74.00</td><td>-17.53</td><td>61.06</td><td>-4.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.85</td><td>54.00</td><td>-1.15</td><td>55.01</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>59.43</td><td>74.00</td><td>-14.57</td><td>61.59</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2483.50</td><td>48.15</td><td>54.00</td><td>-5.85</td><td>49.55</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2483.50</td><td>58.55</td><td>74.00</td><td>-15.45</td><td>59.95</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4924.00</td><td>52.97</td><td>54.00</td><td>-1.03</td><td>47.33</td><td>5.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4924.00</td><td>55.39</td><td>74.00</td><td>-18.61</td><td>49.75</td><td>5.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7386.00</td><td>37.51</td><td>54.00</td><td>-16.49</td><td>26.17</td><td>11.34</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7386.00</td><td>50.00</td><td>74.00</td><td>-24.00</td><td>38.66</td><td>11.34</td><td>Peak</td><td>---</td><td>---</td></tr></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1641.33 | 53.44 | 54.00 | -0.56 | 58.03 | -4.59 | Average | --- | --- | 2 | 1641.33 | 56.47 | 74.00 | -17.53 | 61.06 | -4.59 | Peak | --- | --- | 3 | 2288.00 | 52.85 | 54.00 | -1.15 | 55.01 | -2.16 | Average | --- | --- | 4 | 2288.00 | 59.43 | 74.00 | -14.57 | 61.59 | -2.16 | Peak | --- | --- | 5 | 2483.50 | 48.15 | 54.00 | -5.85 | 49.55 | -1.40 | Average | --- | --- | 6 | 2483.50 | 58.55 | 74.00 | -15.45 | 59.95 | -1.40 | Peak | --- | --- | 7 | 4924.00 | 52.97 | 54.00 | -1.03 | 47.33 | 5.64 | Average | --- | --- | 8 | 4924.00 | 55.39 | 74.00 | -18.61 | 49.75 | 5.64 | Peak | --- | --- | 9 | 7386.00 | 37.51 | 54.00 | -16.49 | 26.17 | 11.34 | Average | --- | --- | 10 | 7386.00 | 50.00 | 74.00 | -24.00 | 38.66 | 11.34 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1641.33      | 53.44                       | 54.00           | -0.56        | 58.03                 | -4.59                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1641.33      | 56.47                       | 74.00           | -17.53       | 61.06                 | -4.59                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2288.00      | 52.85                       | 54.00           | -1.15        | 55.01                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2288.00      | 59.43                       | 74.00           | -14.57       | 61.59                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2483.50      | 48.15                       | 54.00           | -5.85        | 49.55                 | -1.40                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2483.50      | 58.55                       | 74.00           | -15.45       | 59.95                 | -1.40                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4924.00      | 52.97                       | 54.00           | -1.03        | 47.33                 | 5.64                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4924.00      | 55.39                       | 74.00           | -18.61       | 49.75                 | 5.64                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7386.00      | 37.51                       | 54.00           | -16.49       | 26.17                 | 11.34                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7386.00      | 50.00                       | 74.00           | -24.00       | 38.66                 | 11.34                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

### 3.5.6 Transmitter Radiated Unwanted Emissions (Above 1GHz) for 11g

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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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(MHz)            | 2437            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div></div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div></div><div><div>1624.66</div><div>1624.66</div><div>2288.00</div><div>2288.00</div><div>2351.00</div><div>2351.00</div><div>2390.00</div><div>2390.00</div><div>2483.50</div><div>2483.50</div><div>4874.00</div><div>4874.00</div><div>7311.00</div><div>7311.00</div></div><div><div>47.89</div><div>53.29</div><div>52.46</div><div>61.34</div><div>47.35</div><div>60.44</div><div>45.96</div><div>72.83</div><div>47.33</div><div>71.51</div><div>39.87</div><div>53.20</div><div>40.64</div><div>53.49</div></div><div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div><div>54.00</div><div>74.00</div></div><div><div>-6.11</div><div>-20.71</div><div>-1.54</div><div>-12.66</div><div>-6.65</div><div>-13.56</div><div>-8.04</div><div>-1.17</div><div>-6.67</div><div>-2.49</div><div>-14.13</div><div>-20.80</div><div>-13.36</div><div>-20.51</div></div><div><div>52.53</div><div>57.93</div><div>54.62</div><div>63.50</div><div>49.26</div><div>62.35</div><div>47.70</div><div>74.57</div><div>48.73</div><div>72.91</div><div>34.35</div><div>47.68</div><div>29.33</div><div>42.18</div></div><div><div>-4.64</div><div>-4.64</div><div>-2.16</div><div>-2.16</div><div>-1.91</div><div>-1.91</div><div>-1.74</div><div>-1.74</div><div>-1.40</div><div>-1.40</div><div>5.52</div><div>5.52</div><div>11.31</div><div>11.31</div></div><div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div><div>Average</div><div>Peak</div></div><div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div></div><div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div><div>---</div></div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>1624.66</td><td>47.89</td><td>54.00</td><td>-6.11</td><td>52.53</td><td>-4.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1624.66</td><td>53.29</td><td>74.00</td><td>-20.71</td><td>57.93</td><td>-4.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.46</td><td>54.00</td><td>-1.54</td><td>54.62</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>61.34</td><td>74.00</td><td>-12.66</td><td>63.50</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2351.00</td><td>47.35</td><td>54.00</td><td>-6.65</td><td>49.26</td><td>-1.91</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2351.00</td><td>60.44</td><td>74.00</td><td>-13.56</td><td>62.35</td><td>-1.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>2390.00</td><td>45.96</td><td>54.00</td><td>-8.04</td><td>47.70</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>2390.00</td><td>72.83</td><td>74.00</td><td>-1.17</td><td>74.57</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>2483.50</td><td>47.33</td><td>54.00</td><td>-6.67</td><td>48.73</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>2483.50</td><td>71.51</td><td>74.00</td><td>-2.49</td><td>72.91</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>11</td><td>4874.00</td><td>39.87</td><td>54.00</td><td>-14.13</td><td>34.35</td><td>5.52</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>12</td><td>4874.00</td><td>53.20</td><td>74.00</td><td>-20.80</td><td>47.68</td><td>5.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>13</td><td>7311.00</td><td>40.64</td><td>54.00</td><td>-13.36</td><td>29.33</td><td>11.31</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>14</td><td>7311.00</td><td>53.49</td><td>74.00</td><td>-20.51</td><td>42.18</td><td>11.31</td><td>Peak</td><td>---</td><td>---</td></tr></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1624.66 | 47.89 | 54.00 | -6.11 | 52.53 | -4.64 | Average | --- | --- | 2 | 1624.66 | 53.29 | 74.00 | -20.71 | 57.93 | -4.64 | Peak | --- | --- | 3 | 2288.00 | 52.46 | 54.00 | -1.54 | 54.62 | -2.16 | Average | --- | --- | 4 | 2288.00 | 61.34 | 74.00 | -12.66 | 63.50 | -2.16 | Peak | --- | --- | 5 | 2351.00 | 47.35 | 54.00 | -6.65 | 49.26 | -1.91 | Average | --- | --- | 6 | 2351.00 | 60.44 | 74.00 | -13.56 | 62.35 | -1.91 | Peak | --- | --- | 7 | 2390.00 | 45.96 | 54.00 | -8.04 | 47.70 | -1.74 | Average | --- | --- | 8 | 2390.00 | 72.83 | 74.00 | -1.17 | 74.57 | -1.74 | Peak | --- | --- | 9 | 2483.50 | 47.33 | 54.00 | -6.67 | 48.73 | -1.40 | Average | --- | --- | 10 | 2483.50 | 71.51 | 74.00 | -2.49 | 72.91 | -1.40 | Peak | --- | --- | 11 | 4874.00 | 39.87 | 54.00 | -14.13 | 34.35 | 5.52 | Average | --- | --- | 12 | 4874.00 | 53.20 | 74.00 | -20.80 | 47.68 | 5.52 | Peak | --- | --- | 13 | 7311.00 | 40.64 | 54.00 | -13.36 | 29.33 | 11.31 | Average | --- | --- | 14 | 7311.00 | 53.49 | 74.00 | -20.51 | 42.18 | 11.31 | Peak | --- | --- |
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                                                                                                                                                                                                                                                                                      | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1624.66      | 47.89                       | 54.00           | -6.11        | 52.53                 | -4.64                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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                                                                                                                                                                                                                                                                                      | 1624.66      | 53.29                       | 74.00           | -20.71       | 57.93                 | -4.64                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |       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                                                                                                                                                                                                                                                                                      | 2288.00      | 52.46                       | 54.00           | -1.54        | 54.62                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |       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                                                                                                                                                                                                                                                                                      | 2288.00      | 61.34                       | 74.00           | -12.66       | 63.50                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2351.00      | 47.35                       | 54.00           | -6.65        | 49.26                 | -1.91                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2351.00      | 60.44                       | 74.00           | -13.56       | 62.35                 | -1.91                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |       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| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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  |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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                                                                                                                                                                                                                                                                                      | 2390.00      | 72.83                       | 74.00           | -1.17        | 74.57                 | -1.74                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |       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  |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4874.00      | 53.20                       | 74.00           | -20.80       | 47.68                 | 5.52                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |       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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vertical     |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div><div>13</div><div>14</div></div><div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div><div>Frequency (MHz)</div></div><div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>1624.66</td><td>53.00</td><td>54.00</td><td>-1.00</td><td>57.64</td><td>-4.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1624.66</td><td>57.24</td><td>74.00</td><td>-16.76</td><td>61.88</td><td>-4.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.74</td><td>54.00</td><td>-1.26</td><td>54.90</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>57.95</td><td>74.00</td><td>-16.05</td><td>60.11</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2351.00</td><td>43.21</td><td>54.00</td><td>-10.79</td><td>45.12</td><td>-1.91</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2351.00</td><td>55.50</td><td>74.00</td><td>-18.50</td><td>57.41</td><td>-1.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>2390.00</td><td>41.81</td><td>54.00</td><td>-12.19</td><td>43.55</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>2390.00</td><td>64.07</td><td>74.00</td><td>-9.93</td><td>65.81</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>2483.50</td><td>46.34</td><td>54.00</td><td>-7.66</td><td>47.74</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>2483.50</td><td>71.53</td><td>74.00</td><td>-2.47</td><td>72.93</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>11</td><td>4874.00</td><td>46.10</td><td>54.00</td><td>-7.90</td><td>40.58</td><td>5.52</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>12</td><td>4874.00</td><td>58.34</td><td>74.00</td><td>-15.66</td><td>52.82</td><td>5.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>13</td><td>7311.00</td><td>42.64</td><td>54.00</td><td>-11.36</td><td>31.33</td><td>11.31</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>14</td><td>7311.00</td><td>52.66</td><td>74.00</td><td>-21.34</td><td>41.35</td><td>11.31</td><td>Peak</td><td>---</td><td>---</td></tr></table></div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1624.66 | 53.00 | 54.00 | -1.00 | 57.64 | -4.64 | Average | --- | --- | 2 | 1624.66 | 57.24 | 74.00 | -16.76 | 61.88 | -4.64 | Peak | --- | --- | 3 | 2288.00 | 52.74 | 54.00 | -1.26 | 54.90 | -2.16 | Average | --- | --- | 4 | 2288.00 | 57.95 | 74.00 | -16.05 | 60.11 | -2.16 | Peak | --- | --- | 5 | 2351.00 | 43.21 | 54.00 | -10.79 | 45.12 | -1.91 | Average | --- | --- | 6 | 2351.00 | 55.50 | 74.00 | -18.50 | 57.41 | -1.91 | Peak | --- | --- | 7 | 2390.00 | 41.81 | 54.00 | -12.19 | 43.55 | -1.74 | Average | --- | --- | 8 | 2390.00 | 64.07 | 74.00 | -9.93 | 65.81 | -1.74 | Peak | --- | --- | 9 | 2483.50 | 46.34 | 54.00 | -7.66 | 47.74 | -1.40 | Average | --- | --- | 10 | 2483.50 | 71.53 | 74.00 | -2.47 | 72.93 | -1.40 | Peak | --- | --- | 11 | 4874.00 | 46.10 | 54.00 | -7.90 | 40.58 | 5.52 | Average | --- | --- | 12 | 4874.00 | 58.34 | 74.00 | -15.66 | 52.82 | 5.52 | Peak | --- | --- | 13 | 7311.00 | 42.64 | 54.00 | -11.36 | 31.33 | 11.31 | Average | --- | --- | 14 | 7311.00 | 52.66 | 74.00 | -21.34 | 41.35 | 11.31 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1624.66      | 53.00                       | 54.00           | -1.00        | 57.64                 | -4.64                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1624.66      | 57.24                       | 74.00           | -16.76       | 61.88                 | -4.64                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2288.00      | 52.74                       | 54.00           | -1.26        | 54.90                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2288.00      | 57.95                       | 74.00           | -16.05       | 60.11                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2351.00      | 43.21                       | 54.00           | -10.79       | 45.12                 | -1.91                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2351.00      | 55.50                       | 74.00           | -18.50       | 57.41                 | -1.91                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2390.00      | 41.81                       | 54.00           | -12.19       | 43.55                 | -1.74                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2390.00      | 64.07                       | 74.00           | -9.93        | 65.81                 | -1.74                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2483.50      | 46.34                       | 54.00           | -7.66        | 47.74                 | -1.40                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2483.50      | 71.53                       | 74.00           | -2.47        | 72.93                 | -1.40                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4874.00      | 46.10                       | 54.00           | -7.90        | 40.58                 | 5.52                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4874.00      | 58.34                       | 74.00           | -15.66       | 52.82                 | 5.52                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7311.00      | 42.64                       | 54.00           | -11.36       | 31.33                 | 11.31                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7311.00      | 52.66                       | 74.00           | -21.34       | 41.35                 | 11.31                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br>*Factor includes antenna factor , cable loss and amplifier gain<br>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |       |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11g          | Test Freq. (MHz)            | 2462            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Horizontal   |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBUV/m)</div><div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div></div></div><div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div><table><thead><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBUV/m</th><th>Limit<br/>dBUV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBUV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr></thead><tbody><tr><td>1</td><td>1641.33</td><td>48.74</td><td>54.00</td><td>-5.26</td><td>53.33</td><td>-4.59</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1641.33</td><td>53.56</td><td>74.00</td><td>-20.44</td><td>58.15</td><td>-4.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.46</td><td>54.00</td><td>-1.54</td><td>54.62</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>60.28</td><td>74.00</td><td>-13.72</td><td>62.44</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2483.50</td><td>50.74</td><td>54.00</td><td>-3.26</td><td>52.14</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2483.50</td><td>73.00</td><td>74.00</td><td>-1.00</td><td>74.40</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4924.00</td><td>33.30</td><td>54.00</td><td>-20.70</td><td>27.66</td><td>5.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4924.00</td><td>44.06</td><td>74.00</td><td>-29.94</td><td>38.42</td><td>5.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7386.00</td><td>37.79</td><td>54.00</td><td>-16.21</td><td>26.45</td><td>11.34</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7386.00</td><td>49.76</td><td>74.00</td><td>-24.24</td><td>38.42</td><td>11.34</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table><div><div>Note 1: Emission Level (dBUV/m) = SA Reading (dBUV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).</div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBUV/m | Limit<br>dBUV/m | Margin<br>dB      | SA<br>reading<br>dBUV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1641.33 | 48.74 | 54.00 | -5.26 | 53.33 | -4.59 | Average | --- | --- | 2 | 1641.33 | 53.56 | 74.00 | -20.44 | 58.15 | -4.59 | Peak | --- | --- | 3 | 2288.00 | 52.46 | 54.00 | -1.54 | 54.62 | -2.16 | Average | --- | --- | 4 | 2288.00 | 60.28 | 74.00 | -13.72 | 62.44 | -2.16 | Peak | --- | --- | 5 | 2483.50 | 50.74 | 54.00 | -3.26 | 52.14 | -1.40 | Average | --- | --- | 6 | 2483.50 | 73.00 | 74.00 | -1.00 | 74.40 | -1.40 | Peak | --- | --- | 7 | 4924.00 | 33.30 | 54.00 | -20.70 | 27.66 | 5.64 | Average | --- | --- | 8 | 4924.00 | 44.06 | 74.00 | -29.94 | 38.42 | 5.64 | Peak | --- | --- | 9 | 7386.00 | 37.79 | 54.00 | -16.21 | 26.45 | 11.34 | Average | --- | --- | 10 | 7386.00 | 49.76 | 74.00 | -24.24 | 38.42 | 11.34 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freq.<br>MHz | Emission<br>level<br>dBUV/m | Limit<br>dBUV/m | Margin<br>dB | SA<br>reading<br>dBUV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1641.33      | 48.74                       | 54.00           | -5.26        | 53.33                 | -4.59                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1641.33      | 53.56                       | 74.00           | -20.44       | 58.15                 | -4.59                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2288.00      | 52.46                       | 54.00           | -1.54        | 54.62                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2288.00      | 60.28                       | 74.00           | -13.72       | 62.44                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2483.50      | 50.74                       | 54.00           | -3.26        | 52.14                 | -1.40                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2483.50      | 73.00                       | 74.00           | -1.00        | 74.40                 | -1.40                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4924.00      | 33.30                       | 54.00           | -20.70       | 27.66                 | 5.64                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4924.00      | 44.06                       | 74.00           | -29.94       | 38.42                 | 5.64                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 7386.00      | 37.79                       | 54.00           | -16.21       | 26.45                 | 11.34                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7386.00      | 49.76                       | 74.00           | -24.24       | 38.42                 | 11.34                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11g          | Test Freq. (MHz)            | 2462            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Vertical     |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div></div></div><div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>1641.33</td><td>53.48</td><td>54.00</td><td>-0.52</td><td>58.07</td><td>-4.59</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1641.33</td><td>56.85</td><td>74.00</td><td>-17.15</td><td>61.44</td><td>-4.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>53.48</td><td>54.00</td><td>-0.52</td><td>55.64</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>58.84</td><td>74.00</td><td>-15.16</td><td>61.00</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2483.50</td><td>47.81</td><td>54.00</td><td>-6.19</td><td>49.21</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2483.50</td><td>67.13</td><td>74.00</td><td>-6.87</td><td>68.53</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4924.00</td><td>33.31</td><td>54.00</td><td>-20.69</td><td>27.67</td><td>5.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4924.00</td><td>45.18</td><td>74.00</td><td>-28.82</td><td>39.54</td><td>5.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7386.00</td><td>37.51</td><td>54.00</td><td>-16.49</td><td>26.17</td><td>11.34</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7386.00</td><td>49.47</td><td>74.00</td><td>-24.53</td><td>38.13</td><td>11.34</td><td>Peak</td><td>---</td><td>---</td></tr></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)</div><div>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1641.33 | 53.48 | 54.00 | -0.52 | 58.07 | -4.59 | Average | --- | --- | 2 | 1641.33 | 56.85 | 74.00 | -17.15 | 61.44 | -4.59 | Peak | --- | --- | 3 | 2288.00 | 53.48 | 54.00 | -0.52 | 55.64 | -2.16 | Average | --- | --- | 4 | 2288.00 | 58.84 | 74.00 | -15.16 | 61.00 | -2.16 | Peak | --- | --- | 5 | 2483.50 | 47.81 | 54.00 | -6.19 | 49.21 | -1.40 | Average | --- | --- | 6 | 2483.50 | 67.13 | 74.00 | -6.87 | 68.53 | -1.40 | Peak | --- | --- | 7 | 4924.00 | 33.31 | 54.00 | -20.69 | 27.67 | 5.64 | Average | --- | --- | 8 | 4924.00 | 45.18 | 74.00 | -28.82 | 39.54 | 5.64 | Peak | --- | --- | 9 | 7386.00 | 37.51 | 54.00 | -16.49 | 26.17 | 11.34 | Average | --- | --- | 10 | 7386.00 | 49.47 | 74.00 | -24.53 | 38.13 | 11.34 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1641.33      | 53.48                       | 54.00           | -0.52        | 58.07                 | -4.59                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1641.33      | 56.85                       | 74.00           | -17.15       | 61.44                 | -4.59                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2288.00      | 53.48                       | 54.00           | -0.52        | 55.64                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2288.00      | 58.84                       | 74.00           | -15.16       | 61.00                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2483.50      | 47.81                       | 54.00           | -6.19        | 49.21                 | -1.40                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2483.50      | 67.13                       | 74.00           | -6.87        | 68.53                 | -1.40                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4924.00      | 33.31                       | 54.00           | -20.69       | 27.67                 | 5.64                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4924.00      | 45.18                       | 74.00           | -28.82       | 39.54                 | 5.64                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7386.00      | 37.51                       | 54.00           | -16.49       | 26.17                 | 11.34                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7386.00      | 49.47                       | 74.00           | -24.53       | 38.13                 | 11.34                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

### 3.5.7 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT20

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HT20       | Test Freq. (MHz) | 2412   |        |         |          |         |        |       |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Horizontal |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div><div><div><div><div>6</div><div>4</div><div>2</div><div>3</div><div>8</div><div>7</div></div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div><div>Frequency (MHz)</div></div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th></th><th></th><th>reading</th><th></th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1608.00</td><td>45.46</td><td>54.00</td><td>-8.54</td><td>50.15</td><td>-4.69</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1608.00</td><td>51.50</td><td>74.00</td><td>-22.50</td><td>56.19</td><td>-4.69</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.28</td><td>54.00</td><td>-1.72</td><td>54.44</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>58.76</td><td>74.00</td><td>-15.24</td><td>60.92</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2390.00</td><td>50.69</td><td>54.00</td><td>-3.31</td><td>52.43</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2390.00</td><td>72.97</td><td>74.00</td><td>-1.03</td><td>74.71</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4824.00</td><td>32.72</td><td>54.00</td><td>-21.28</td><td>27.33</td><td>5.39</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4824.00</td><td>44.33</td><td>74.00</td><td>-29.67</td><td>38.94</td><td>5.39</td><td>Peak</td><td>---</td><td>---</td></tr></table></div></div></div></div> |            |                  |        |        | Freq.   | Emission | Limit   | Margin | SA    | Factor | Remark | ANT | Turn |  | MHz | level |  |  | reading |  |  | High | Table |  |  | dBuV/m | dBuV/m | dB | dBuV | dB |  | cm | deg | 1 | 1608.00 | 45.46 | 54.00 | -8.54 | 50.15 | -4.69 | Average | --- | --- | 2 | 1608.00 | 51.50 | 74.00 | -22.50 | 56.19 | -4.69 | Peak | --- | --- | 3 | 2288.00 | 52.28 | 54.00 | -1.72 | 54.44 | -2.16 | Average | --- | --- | 4 | 2288.00 | 58.76 | 74.00 | -15.24 | 60.92 | -2.16 | Peak | --- | --- | 5 | 2390.00 | 50.69 | 54.00 | -3.31 | 52.43 | -1.74 | Average | --- | --- | 6 | 2390.00 | 72.97 | 74.00 | -1.03 | 74.71 | -1.74 | Peak | --- | --- | 7 | 4824.00 | 32.72 | 54.00 | -21.28 | 27.33 | 5.39 | Average | --- | --- | 8 | 4824.00 | 44.33 | 74.00 | -29.67 | 38.94 | 5.39 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq.      | Emission         | Limit  | Margin | SA      | Factor   | Remark  | ANT    | Turn  |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |            | dBuV/m           | dBuV/m | dB     | dBuV    | dB       |         | cm     | deg   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1608.00    | 45.46            | 54.00  | -8.54  | 50.15   | -4.69    | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1608.00    | 51.50            | 74.00  | -22.50 | 56.19   | -4.69    | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2288.00    | 52.28            | 54.00  | -1.72  | 54.44   | -2.16    | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2288.00    | 58.76            | 74.00  | -15.24 | 60.92   | -2.16    | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2390.00    | 50.69            | 54.00  | -3.31  | 52.43   | -1.74    | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2390.00    | 72.97            | 74.00  | -1.03  | 74.71   | -1.74    | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4824.00    | 32.72            | 54.00  | -21.28 | 27.33   | 5.39     | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4824.00    | 44.33            | 74.00  | -29.67 | 38.94   | 5.39     | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| <div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain<br/>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | HT20         | Test Freq. (MHz)            | 2412            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Vertical     |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div></div></div><div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div><table><thead><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr></thead><tbody><tr><td>1</td><td>1608.00</td><td>52.89</td><td>54.00</td><td>-1.11</td><td>57.58</td><td>-4.69</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1608.00</td><td>56.96</td><td>74.00</td><td>-17.04</td><td>61.65</td><td>-4.69</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.95</td><td>54.00</td><td>-1.05</td><td>55.11</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>60.03</td><td>74.00</td><td>-13.97</td><td>62.19</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2390.00</td><td>45.14</td><td>54.00</td><td>-8.86</td><td>46.88</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2390.00</td><td>63.71</td><td>74.00</td><td>-10.29</td><td>65.45</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4824.00</td><td>34.02</td><td>54.00</td><td>-19.98</td><td>28.63</td><td>5.39</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4824.00</td><td>45.98</td><td>74.00</td><td>-28.02</td><td>40.59</td><td>5.39</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1608.00 | 52.89 | 54.00 | -1.11 | 57.58 | -4.69 | Average | --- | --- | 2 | 1608.00 | 56.96 | 74.00 | -17.04 | 61.65 | -4.69 | Peak | --- | --- | 3 | 2288.00 | 52.95 | 54.00 | -1.05 | 55.11 | -2.16 | Average | --- | --- | 4 | 2288.00 | 60.03 | 74.00 | -13.97 | 62.19 | -2.16 | Peak | --- | --- | 5 | 2390.00 | 45.14 | 54.00 | -8.86 | 46.88 | -1.74 | Average | --- | --- | 6 | 2390.00 | 63.71 | 74.00 | -10.29 | 65.45 | -1.74 | Peak | --- | --- | 7 | 4824.00 | 34.02 | 54.00 | -19.98 | 28.63 | 5.39 | Average | --- | --- | 8 | 4824.00 | 45.98 | 74.00 | -28.02 | 40.59 | 5.39 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1608.00      | 52.89                       | 54.00           | -1.11        | 57.58                 | -4.69                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1608.00      | 56.96                       | 74.00           | -17.04       | 61.65                 | -4.69                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2288.00      | 52.95                       | 54.00           | -1.05        | 55.11                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2288.00      | 60.03                       | 74.00           | -13.97       | 62.19                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390.00      | 45.14                       | 54.00           | -8.86        | 46.88                 | -1.74                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390.00      | 63.71                       | 74.00           | -10.29       | 65.45                 | -1.74                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4824.00      | 34.02                       | 54.00           | -19.98       | 28.63                 | 5.39                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4824.00      | 45.98                       | 74.00           | -28.02       | 40.59                 | 5.39                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | HT20       |          | Test Freq. (MHz) |        | 2437    |        |         |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Horizontal |          |                  |        |         |        |         |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div><div>80</div><div>63</div><div>53</div><div>51</div><div>50</div><div>47</div><div>41</div><div>39</div><div>29</div><div>27</div></div><div><div>2</div><div>3</div><div>12</div><div>14</div><div>11</div><div>13</div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div><table><thead><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>1624.66</td><td>47.84</td><td>54.00</td><td>-6.16</td><td>52.48</td><td>-4.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1624.66</td><td>53.47</td><td>74.00</td><td>-20.53</td><td>58.11</td><td>-4.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.18</td><td>54.00</td><td>-1.82</td><td>54.34</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>60.98</td><td>74.00</td><td>-13.02</td><td>63.14</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2351.00</td><td>47.75</td><td>54.00</td><td>-6.25</td><td>49.66</td><td>-1.91</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2351.00</td><td>60.40</td><td>74.00</td><td>-13.60</td><td>62.31</td><td>-1.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>2390.00</td><td>47.66</td><td>54.00</td><td>-6.34</td><td>49.40</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>2390.00</td><td>72.64</td><td>74.00</td><td>-1.36</td><td>74.38</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>2483.50</td><td>47.34</td><td>54.00</td><td>-6.66</td><td>48.74</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>2483.50</td><td>72.85</td><td>74.00</td><td>-1.15</td><td>74.25</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>11</td><td>4874.00</td><td>39.72</td><td>54.00</td><td>-14.28</td><td>34.20</td><td>5.52</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>12</td><td>4874.00</td><td>53.05</td><td>74.00</td><td>-20.95</td><td>47.53</td><td>5.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>13</td><td>7311.00</td><td>40.79</td><td>54.00</td><td>-13.21</td><td>29.48</td><td>11.31</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>14</td><td>7311.00</td><td>53.27</td><td>74.00</td><td>-20.73</td><td>41.96</td><td>11.31</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table></div></div></div></div> |            |          |                  |        |         |        |         | Freq. | Emission | Limit | Margin | SA | Factor | Remark | ANT | Turn |  | MHz | level | dBuV/m | dB | reading | dB |  | High | Table |  |  | dBuV/m | dBuV/m | dB | dBuV | dB |  | cm | deg | 1 | 1624.66 | 47.84 | 54.00 | -6.16 | 52.48 | -4.64 | Average | --- | --- | 2 | 1624.66 | 53.47 | 74.00 | -20.53 | 58.11 | -4.64 | Peak | --- | --- | 3 | 2288.00 | 52.18 | 54.00 | -1.82 | 54.34 | -2.16 | Average | --- | --- | 4 | 2288.00 | 60.98 | 74.00 | -13.02 | 63.14 | -2.16 | Peak | --- | --- | 5 | 2351.00 | 47.75 | 54.00 | -6.25 | 49.66 | -1.91 | Average | --- | --- | 6 | 2351.00 | 60.40 | 74.00 | -13.60 | 62.31 | -1.91 | Peak | --- | --- | 7 | 2390.00 | 47.66 | 54.00 | -6.34 | 49.40 | -1.74 | Average | --- | --- | 8 | 2390.00 | 72.64 | 74.00 | -1.36 | 74.38 | -1.74 | Peak | --- | --- | 9 | 2483.50 | 47.34 | 54.00 | -6.66 | 48.74 | -1.40 | Average | --- | --- | 10 | 2483.50 | 72.85 | 74.00 | -1.15 | 74.25 | -1.40 | Peak | --- | --- | 11 | 4874.00 | 39.72 | 54.00 | -14.28 | 34.20 | 5.52 | Average | --- | --- | 12 | 4874.00 | 53.05 | 74.00 | -20.95 | 47.53 | 5.52 | Peak | --- | --- | 13 | 7311.00 | 40.79 | 54.00 | -13.21 | 29.48 | 11.31 | Average | --- | --- | 14 | 7311.00 | 53.27 | 74.00 | -20.73 | 41.96 | 11.31 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Freq.      | Emission | Limit            | Margin | SA      | Factor | Remark  | ANT   | Turn     |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MHz        | level    | dBuV/m           | dB     | reading | dB     |         | High  | Table    |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |            | dBuV/m   | dBuV/m           | dB     | dBuV    | dB     |         | cm    | deg      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1624.66    | 47.84    | 54.00            | -6.16  | 52.48   | -4.64  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1624.66    | 53.47    | 74.00            | -20.53 | 58.11   | -4.64  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2288.00    | 52.18    | 54.00            | -1.82  | 54.34   | -2.16  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2288.00    | 60.98    | 74.00            | -13.02 | 63.14   | -2.16  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2351.00    | 47.75    | 54.00            | -6.25  | 49.66   | -1.91  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2351.00    | 60.40    | 74.00            | -13.60 | 62.31   | -1.91  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390.00    | 47.66    | 54.00            | -6.34  | 49.40   | -1.74  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2390.00    | 72.64    | 74.00            | -1.36  | 74.38   | -1.74  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2483.50    | 47.34    | 54.00            | -6.66  | 48.74   | -1.40  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2483.50    | 72.85    | 74.00            | -1.15  | 74.25   | -1.40  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4874.00    | 39.72    | 54.00            | -14.28 | 34.20   | 5.52   | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4874.00    | 53.05    | 74.00            | -20.95 | 47.53   | 5.52   | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7311.00    | 40.79    | 54.00            | -13.21 | 29.48   | 11.31  | Average | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7311.00    | 53.27    | 74.00            | -20.73 | 41.96   | 11.31  | Peak    | ---   | ---      |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br>*Factor includes antenna factor , cable loss and amplifier gain<br>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |            |          |                  |        |         |        |         |       |          |       |        |    |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |    |         |       |       |       |       |       |      |     |     |    |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

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(MHz) | 2437 |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Vertical |                  |      |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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|          |                  |      |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HT20         | Test Freq. (MHz)            | 2462            |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|-----------------|--------------|-----------------------|-----------------------------|-----------------|-------------------|-----------------------|--------------|--------|-------------------|----------------------|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|--------|-------|-------|------|-----|-----|---|---------|-------|-------|-------|-------|-------|---------|-----|-----|---|---------|-------|-------|-------|-------|-------|------|-----|-----|---|---------|-------|-------|--------|-------|------|---------|-----|-----|---|---------|-------|-------|--------|-------|------|------|-----|-----|---|---------|-------|-------|--------|-------|-------|---------|-----|-----|----|---------|-------|-------|--------|-------|-------|------|-----|-----|
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Horizontal   |                             |                 |              |                       |                             |                 |                   |                       |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div></div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div><div>6</div><div>4</div><div>2</div><div>3</div><div>5</div><div>8</div><div>7</div><div>10</div><div>9</div></div></div><div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div></div><table><tr><th></th><th>Freq.<br/>MHz</th><th>Emission<br/>level<br/>dBuV/m</th><th>Limit<br/>dBuV/m</th><th>Margin<br/>dB</th><th>SA<br/>reading<br/>dBuV</th><th>Factor<br/>dB</th><th>Remark</th><th>ANT<br/>High<br/>cm</th><th>Turn<br/>Table<br/>deg</th></tr><tr><td>1</td><td>1641.33</td><td>48.62</td><td>54.00</td><td>-5.38</td><td>53.21</td><td>-4.59</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1641.33</td><td>53.83</td><td>74.00</td><td>-20.17</td><td>58.42</td><td>-4.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>51.79</td><td>54.00</td><td>-2.21</td><td>53.95</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>59.47</td><td>74.00</td><td>-14.53</td><td>61.63</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2483.50</td><td>51.23</td><td>54.00</td><td>-2.77</td><td>52.63</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2483.50</td><td>72.85</td><td>74.00</td><td>-1.15</td><td>74.25</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4924.00</td><td>33.08</td><td>54.00</td><td>-20.92</td><td>27.44</td><td>5.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4924.00</td><td>44.80</td><td>74.00</td><td>-29.20</td><td>39.16</td><td>5.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7386.00</td><td>37.87</td><td>54.00</td><td>-16.13</td><td>26.53</td><td>11.34</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7386.00</td><td>49.69</td><td>74.00</td><td>-24.31</td><td>38.35</td><td>11.34</td><td>Peak</td><td>---</td><td>---</td></tr></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div> |              |                             |                 |              | Freq.<br>MHz          | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB      | SA<br>reading<br>dBuV | Factor<br>dB | Remark | ANT<br>High<br>cm | Turn<br>Table<br>deg | 1 | 1641.33 | 48.62 | 54.00 | -5.38 | 53.21 | -4.59 | Average | --- | --- | 2 | 1641.33 | 53.83 | 74.00 | -20.17 | 58.42 | -4.59 | Peak | --- | --- | 3 | 2288.00 | 51.79 | 54.00 | -2.21 | 53.95 | -2.16 | Average | --- | --- | 4 | 2288.00 | 59.47 | 74.00 | -14.53 | 61.63 | -2.16 | Peak | --- | --- | 5 | 2483.50 | 51.23 | 54.00 | -2.77 | 52.63 | -1.40 | Average | --- | --- | 6 | 2483.50 | 72.85 | 74.00 | -1.15 | 74.25 | -1.40 | Peak | --- | --- | 7 | 4924.00 | 33.08 | 54.00 | -20.92 | 27.44 | 5.64 | Average | --- | --- | 8 | 4924.00 | 44.80 | 74.00 | -29.20 | 39.16 | 5.64 | Peak | --- | --- | 9 | 7386.00 | 37.87 | 54.00 | -16.13 | 26.53 | 11.34 | Average | --- | --- | 10 | 7386.00 | 49.69 | 74.00 | -24.31 | 38.35 | 11.34 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq.<br>MHz | Emission<br>level<br>dBuV/m | Limit<br>dBuV/m | Margin<br>dB | SA<br>reading<br>dBuV | Factor<br>dB                | Remark          | ANT<br>High<br>cm | Turn<br>Table<br>deg  |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1641.33      | 48.62                       | 54.00           | -5.38        | 53.21                 | -4.59                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1641.33      | 53.83                       | 74.00           | -20.17       | 58.42                 | -4.59                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2288.00      | 51.79                       | 54.00           | -2.21        | 53.95                 | -2.16                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2288.00      | 59.47                       | 74.00           | -14.53       | 61.63                 | -2.16                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2483.50      | 51.23                       | 54.00           | -2.77        | 52.63                 | -1.40                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2483.50      | 72.85                       | 74.00           | -1.15        | 74.25                 | -1.40                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4924.00      | 33.08                       | 54.00           | -20.92       | 27.44                 | 5.64                        | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4924.00      | 44.80                       | 74.00           | -29.20       | 39.16                 | 5.64                        | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7386.00      | 37.87                       | 54.00           | -16.13       | 26.53                 | 11.34                       | Average         | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7386.00      | 49.69                       | 74.00           | -24.31       | 38.35                 | 11.34                       | Peak            | ---               | ---                   |              |        |                   |                      |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | HT20     | Test Freq. (MHz) | 2462   |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Vertical |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div></div></div><div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1641.33</td><td>53.46</td><td>54.00</td><td>-0.54</td><td>58.05</td><td>-4.59</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1641.33</td><td>58.65</td><td>74.00</td><td>-15.35</td><td>63.24</td><td>-4.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>53.21</td><td>54.00</td><td>-0.79</td><td>55.37</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>60.70</td><td>74.00</td><td>-13.30</td><td>62.86</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2483.50</td><td>47.71</td><td>54.00</td><td>-6.29</td><td>49.11</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2483.50</td><td>70.95</td><td>74.00</td><td>-3.05</td><td>72.35</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4924.00</td><td>33.00</td><td>54.00</td><td>-21.00</td><td>27.36</td><td>5.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4924.00</td><td>45.07</td><td>74.00</td><td>-28.93</td><td>39.43</td><td>5.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>7386.00</td><td>37.60</td><td>54.00</td><td>-16.40</td><td>26.26</td><td>11.34</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>7386.00</td><td>49.68</td><td>74.00</td><td>-24.32</td><td>38.34</td><td>11.34</td><td>Peak</td><td>---</td><td>---</td></tr></table></div></div></div> |          |                  |        |        | Freq.   | Emission | Limit   | Margin | SA    | Factor | Remark | ANT | Turn |  | MHz | level | dBuV/m | dB | reading | dB |  | High | Table |  |  | dBuV/m |  |  | dBuV |  |  | cm | deg | 1 | 1641.33 | 53.46 | 54.00 | -0.54 | 58.05 | -4.59 | Average | --- | --- | 2 | 1641.33 | 58.65 | 74.00 | -15.35 | 63.24 | -4.59 | Peak | --- | --- | 3 | 2288.00 | 53.21 | 54.00 | -0.79 | 55.37 | -2.16 | Average | --- | --- | 4 | 2288.00 | 60.70 | 74.00 | -13.30 | 62.86 | -2.16 | Peak | --- | --- | 5 | 2483.50 | 47.71 | 54.00 | -6.29 | 49.11 | -1.40 | Average | --- | --- | 6 | 2483.50 | 70.95 | 74.00 | -3.05 | 72.35 | -1.40 | Peak | --- | --- | 7 | 4924.00 | 33.00 | 54.00 | -21.00 | 27.36 | 5.64 | Average | --- | --- | 8 | 4924.00 | 45.07 | 74.00 | -28.93 | 39.43 | 5.64 | Peak | --- | --- | 9 | 7386.00 | 37.60 | 54.00 | -16.40 | 26.26 | 11.34 | Average | --- | --- | 10 | 7386.00 | 49.68 | 74.00 | -24.32 | 38.34 | 11.34 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Freq.    | Emission         | Limit  | Margin | SA      | Factor   | Remark  | ANT    | Turn  |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | dBuV/m           |        |        | dBuV    |          |         | cm     | deg   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1641.33  | 53.46            | 54.00  | -0.54  | 58.05   | -4.59    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1641.33  | 58.65            | 74.00  | -15.35 | 63.24   | -4.59    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2288.00  | 53.21            | 54.00  | -0.79  | 55.37   | -2.16    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2288.00  | 60.70            | 74.00  | -13.30 | 62.86   | -2.16    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2483.50  | 47.71            | 54.00  | -6.29  | 49.11   | -1.40    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2483.50  | 70.95            | 74.00  | -3.05  | 72.35   | -1.40    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4924.00  | 33.00            | 54.00  | -21.00 | 27.36   | 5.64     | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4924.00  | 45.07            | 74.00  | -28.93 | 39.43   | 5.64     | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7386.00  | 37.60            | 54.00  | -16.40 | 26.26   | 11.34    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7386.00  | 49.68            | 74.00  | -24.32 | 38.34   | 11.34    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain<br/>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |        |  |  |      |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |   |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

### 3.5.8 Transmitter Radiated Unwanted Emissions (Above 1GHz) for HT40

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| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             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(MHz) | 2422 |
| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Horizontal |                  |      |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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|            |                  |      |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | HT40     | Test Freq. (MHz) | 2422   |        |         |          |         |        |       |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Vertical |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>90</div><div>80</div><div>70</div><div>60</div><div>50</div><div>40</div><div>30</div><div>20</div><div>10</div><div>0</div></div><div><div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div></div></div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div>Frequency (MHz)</div></div></div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th></th><th></th><th>reading</th><th></th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1614.66</td><td>50.99</td><td>54.00</td><td>-3.01</td><td>55.66</td><td>-4.67</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1614.66</td><td>56.02</td><td>74.00</td><td>-17.98</td><td>60.69</td><td>-4.67</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.34</td><td>54.00</td><td>-1.66</td><td>54.50</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>58.75</td><td>74.00</td><td>-15.25</td><td>60.91</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2390.00</td><td>45.85</td><td>54.00</td><td>-8.15</td><td>47.59</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2390.00</td><td>61.98</td><td>74.00</td><td>-12.02</td><td>63.72</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>4844.00</td><td>32.75</td><td>54.00</td><td>-21.25</td><td>27.31</td><td>5.44</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>4844.00</td><td>43.97</td><td>74.00</td><td>-30.03</td><td>38.53</td><td>5.44</td><td>Peak</td><td>---</td><td>---</td></tr></table><div><div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)</div><div>*Factor includes antenna factor , cable loss and amplifier gain</div><div>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div></div></div></div></div> |          |                  |        |        | Freq.   | Emission | Limit   | Margin | SA    | Factor | Remark | ANT | Turn |  | MHz | level |  |  | reading |  |  | High | Table |  |  | dBuV/m | dBuV/m | dB | dBuV | dB |  | cm | deg | 1 | 1614.66 | 50.99 | 54.00 | -3.01 | 55.66 | -4.67 | Average | --- | --- | 2 | 1614.66 | 56.02 | 74.00 | -17.98 | 60.69 | -4.67 | Peak | --- | --- | 3 | 2288.00 | 52.34 | 54.00 | -1.66 | 54.50 | -2.16 | Average | --- | --- | 4 | 2288.00 | 58.75 | 74.00 | -15.25 | 60.91 | -2.16 | Peak | --- | --- | 5 | 2390.00 | 45.85 | 54.00 | -8.15 | 47.59 | -1.74 | Average | --- | --- | 6 | 2390.00 | 61.98 | 74.00 | -12.02 | 63.72 | -1.74 | Peak | --- | --- | 7 | 4844.00 | 32.75 | 54.00 | -21.25 | 27.31 | 5.44 | Average | --- | --- | 8 | 4844.00 | 43.97 | 74.00 | -30.03 | 38.53 | 5.44 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Freq.    | Emission         | Limit  | Margin | SA      | Factor   | Remark  | ANT    | Turn  |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          | dBuV/m           | dBuV/m | dB     | dBuV    | dB       |         | cm     | deg   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1614.66  | 56.02            | 74.00  | -17.98 | 60.69   | -4.67    | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2288.00  | 52.34            | 54.00  | -1.66  | 54.50   | -2.16    | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2390.00  | 45.85            | 54.00  | -8.15  | 47.59   | -1.74    | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2390.00  | 61.98            | 74.00  | -12.02 | 63.72   | -1.74    | Peak    | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4844.00  | 32.75            | 54.00  | -21.25 | 27.31   | 5.44     | Average | ---    | ---   |        |        |     |      |  |     |       |  |  |         |  |  |      |       |  |  |        |        |    |      |    |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |   |         |       |       |        |       |      |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div>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|            |                  |      |

| Modulation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HT40     | Test Freq. (MHz) | 2437   |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| Polarization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Vertical |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| <div><div><div>Level (dBuV/m)</div><div><div><div><div><div><div>1000</div><div>4000</div><div>6000</div><div>8000</div><div>10000</div><div>12000</div><div>14000</div><div>16000</div><div>18000</div><div>20000</div><div>22000</div><div>25000</div></div></div><div><div><div>Frequency (MHz)</div></div></div></div><div><div><div><div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div><div>11</div><div>12</div></div></div><div><div><div><div>75</div><div>60</div></div><div><div>FCC CLASS-B</div><div>FCC CLASS-B (AVG)</div></div></div></div></div></div><table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1624.66</td><td>53.36</td><td>54.00</td><td>-0.64</td><td>58.00</td><td>-4.64</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2</td><td>1624.66</td><td>58.37</td><td>74.00</td><td>-15.63</td><td>63.01</td><td>-4.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>2288.00</td><td>52.95</td><td>54.00</td><td>-1.05</td><td>55.11</td><td>-2.16</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>2288.00</td><td>60.14</td><td>74.00</td><td>-13.86</td><td>62.30</td><td>-2.16</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>2390.00</td><td>46.95</td><td>54.00</td><td>-7.05</td><td>48.69</td><td>-1.74</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>6</td><td>2390.00</td><td>64.93</td><td>74.00</td><td>-9.07</td><td>66.67</td><td>-1.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>7</td><td>2483.50</td><td>46.67</td><td>54.00</td><td>-7.33</td><td>48.07</td><td>-1.40</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>8</td><td>2483.50</td><td>63.91</td><td>74.00</td><td>-10.09</td><td>65.31</td><td>-1.40</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>9</td><td>4874.00</td><td>32.87</td><td>54.00</td><td>-21.13</td><td>27.35</td><td>5.52</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>10</td><td>4874.00</td><td>44.17</td><td>74.00</td><td>-29.83</td><td>38.65</td><td>5.52</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>11</td><td>7311.00</td><td>38.47</td><td>54.00</td><td>-15.53</td><td>27.16</td><td>11.31</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>12</td><td>7311.00</td><td>49.83</td><td>74.00</td><td>-24.17</td><td>38.52</td><td>11.31</td><td>Peak</td><td>---</td><td>---</td></tr></table></div></div></div></div> |          |                  |        |        | Freq.   | Emission | Limit   | Margin | SA    | Factor | Remark | ANT | Turn |  | MHz | level | dBuV/m | dB | reading | dB |  | High | Table |  |  |  |  |  |  |  |  | cm | deg | 1 | 1624.66 | 53.36 | 54.00 | -0.64 | 58.00 | -4.64 | Average | --- | --- | 2 | 1624.66 | 58.37 | 74.00 | -15.63 | 63.01 | -4.64 | Peak | --- | --- | 3 | 2288.00 | 52.95 | 54.00 | -1.05 | 55.11 | -2.16 | Average | --- | --- | 4 | 2288.00 | 60.14 | 74.00 | -13.86 | 62.30 | -2.16 | Peak | --- | --- | 5 | 2390.00 | 46.95 | 54.00 | -7.05 | 48.69 | -1.74 | Average | --- | --- | 6 | 2390.00 | 64.93 | 74.00 | -9.07 | 66.67 | -1.74 | Peak | --- | --- | 7 | 2483.50 | 46.67 | 54.00 | -7.33 | 48.07 | -1.40 | Average | --- | --- | 8 | 2483.50 | 63.91 | 74.00 | -10.09 | 65.31 | -1.40 | Peak | --- | --- | 9 | 4874.00 | 32.87 | 54.00 | -21.13 | 27.35 | 5.52 | Average | --- | --- | 10 | 4874.00 | 44.17 | 74.00 | -29.83 | 38.65 | 5.52 | Peak | --- | --- | 11 | 7311.00 | 38.47 | 54.00 | -15.53 | 27.16 | 11.31 | Average | --- | --- | 12 | 7311.00 | 49.83 | 74.00 | -24.17 | 38.52 | 11.31 | Peak | --- | --- |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freq.    | Emission         | Limit  | Margin | SA      | Factor   | Remark  | ANT    | Turn  |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MHz      | level            | dBuV/m | dB     | reading | dB       |         | High   | Table |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                  |        |        |         |          |         | cm     | deg   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1624.66  | 53.36            | 54.00  | -0.64  | 58.00   | -4.64    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1624.66  | 58.37            | 74.00  | -15.63 | 63.01   | -4.64    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2288.00  | 52.95            | 54.00  | -1.05  | 55.11   | -2.16    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2288.00  | 60.14            | 74.00  | -13.86 | 62.30   | -2.16    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2390.00  | 46.95            | 54.00  | -7.05  | 48.69   | -1.74    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2390.00  | 64.93            | 74.00  | -9.07  | 66.67   | -1.74    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2483.50  | 46.67            | 54.00  | -7.33  | 48.07   | -1.40    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2483.50  | 63.91            | 74.00  | -10.09 | 65.31   | -1.40    | Peak    | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4874.00  | 32.87            | 54.00  | -21.13 | 27.35   | 5.52     | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7311.00  | 38.47            | 54.00  | -15.53 | 27.16   | 11.31    | Average | ---    | ---   |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |
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| <div>Note 1: Emission Level (dBuV/m) = SA Reading (dBuV/m) + Factor* (dB)<br/>*Factor includes antenna factor , cable loss and amplifier gain<br/>Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                  |        |        |         |          |         |        |       |        |        |     |      |  |     |       |        |    |         |    |  |      |       |  |  |  |  |  |  |  |  |    |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |       |       |       |      |     |     |   |         |       |       |       |       |       |         |     |     |   |         |       |       |        |       |       |      |     |     |   |         |       |       |        |       |      |         |     |     |    |         |       |       |        |       |      |      |     |     |    |         |       |       |        |       |       |         |     |     |    |         |       |       |        |       |       |      |     |     |

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## 3.6 Emissions in Non-Restricted Frequency Bands

### 3.6.1 Emissions in Non-Restricted Frequency Bands Limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz

### 3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

### 3.6.3 Test Procedures

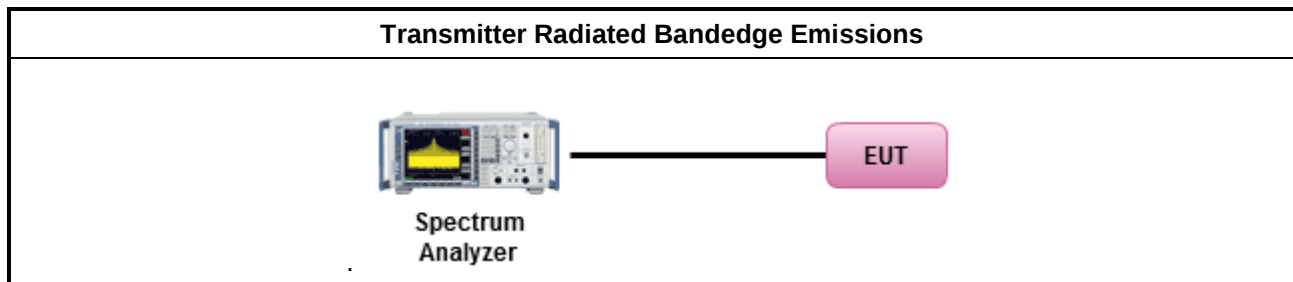
#### Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

#### Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

### 3.6.4 Test Setup

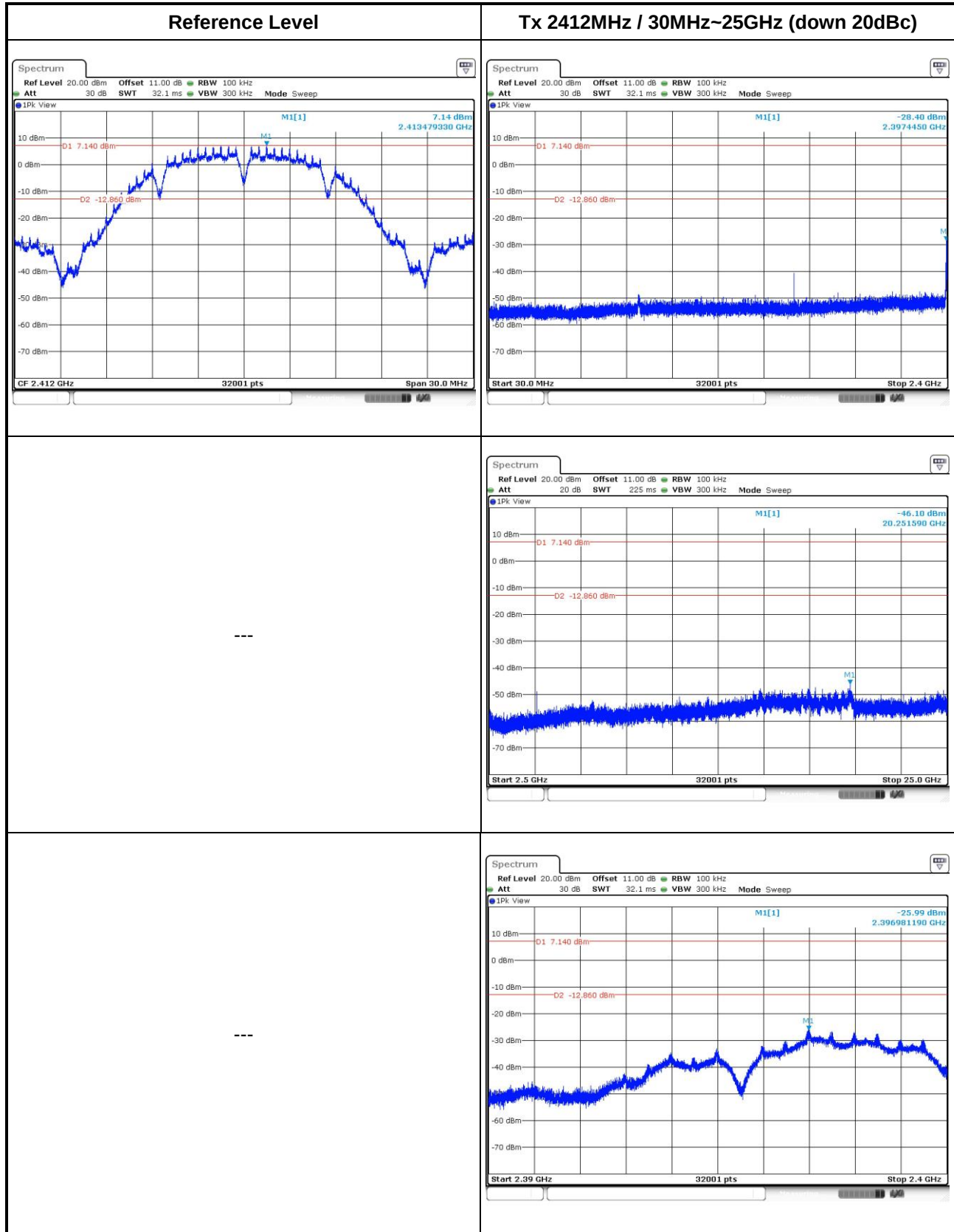


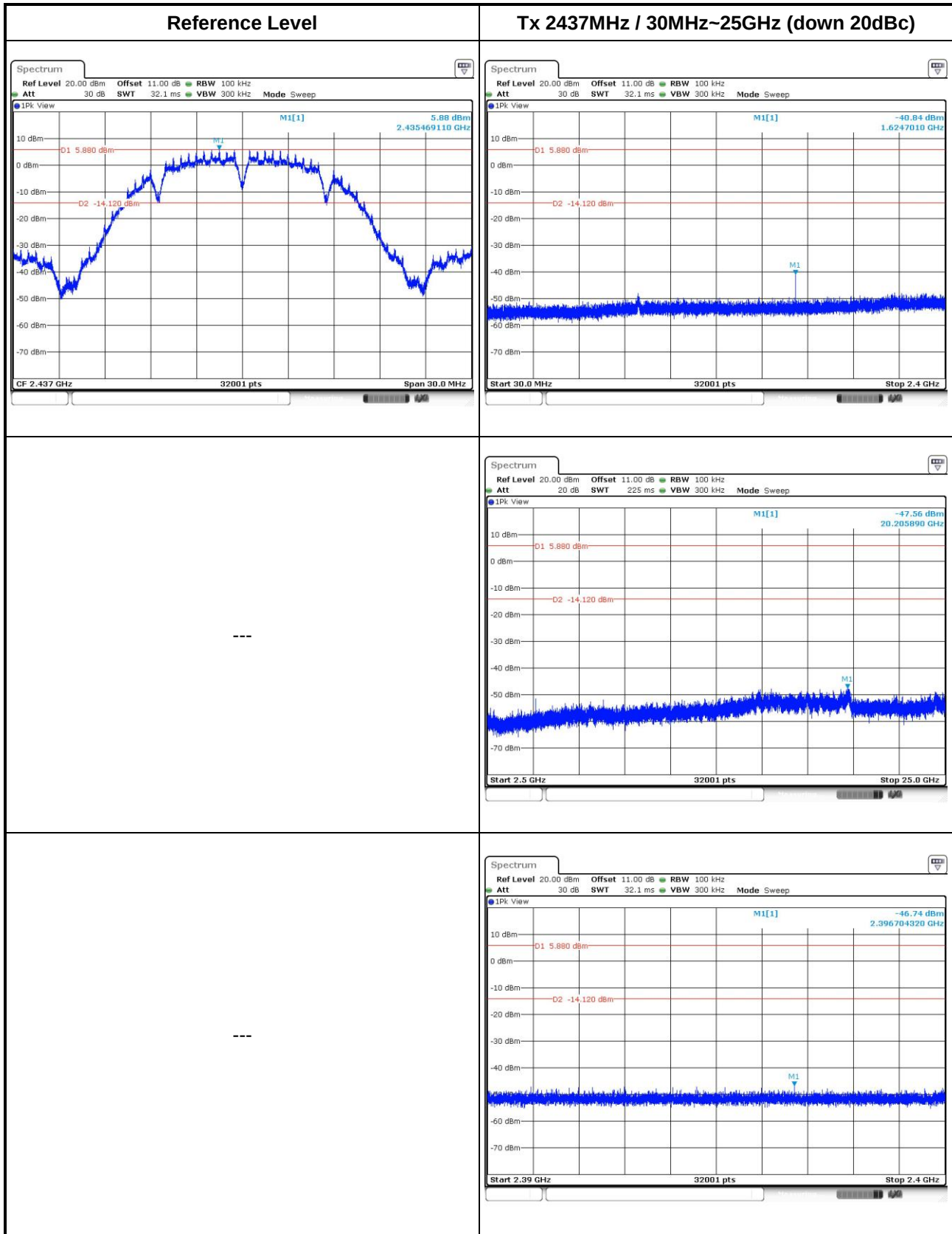
### 3.6.5 Test Result of Emissions in non-restricted frequency bands

This test item is performed on each TX output individually without summing or adding  $10 \log(N_{ANT})$  since measurements are made relative to the in-band emissions on the individual outputs. Only worst test result of each operating mode is presented.

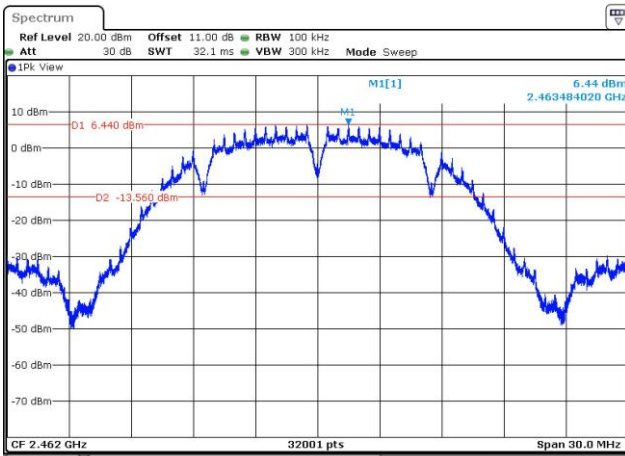
### 3.6.6 Unwanted Emissions into Non-Restricted Frequency Bands

802.11b

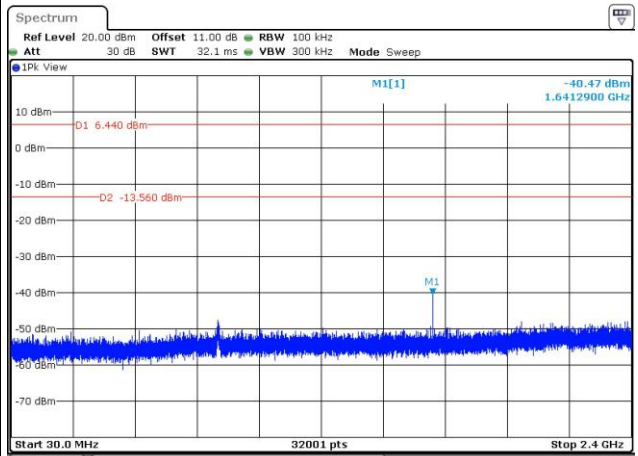




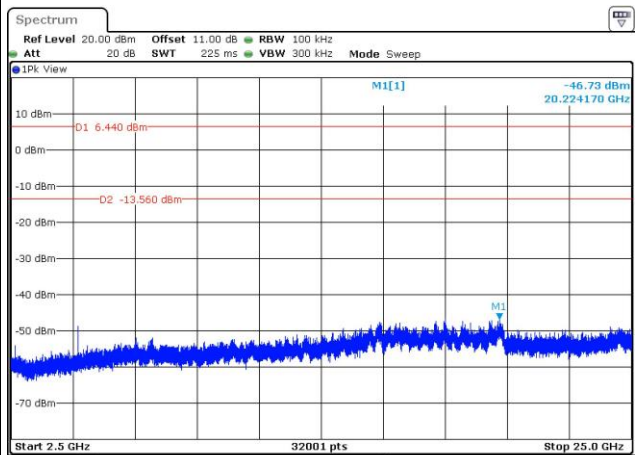
### Reference Level



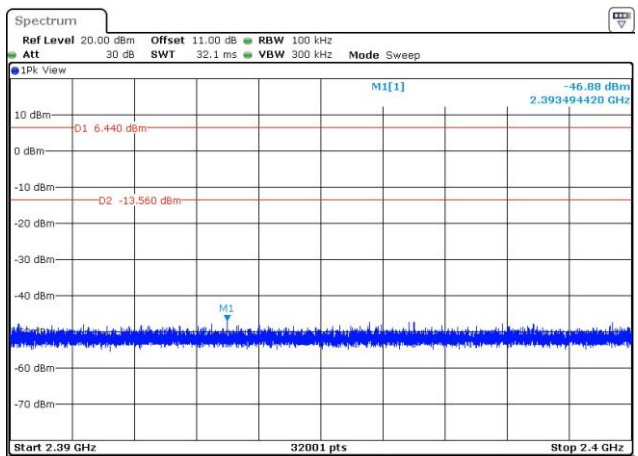
### Tx 2462MHz / 30MHz~25GHz (down 20dBc)



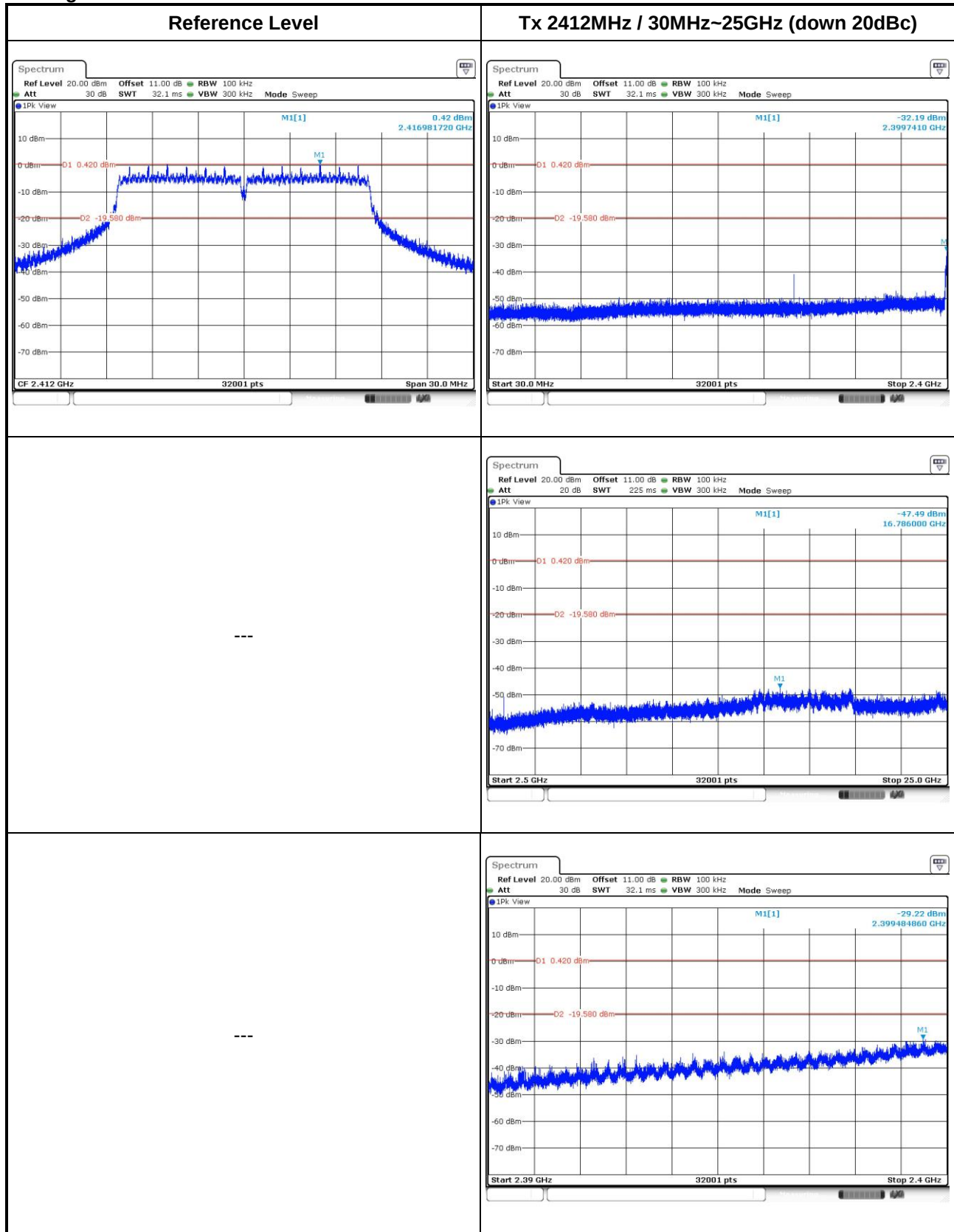
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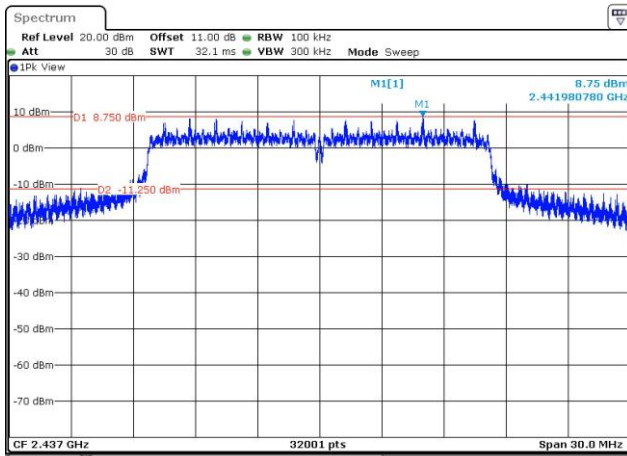
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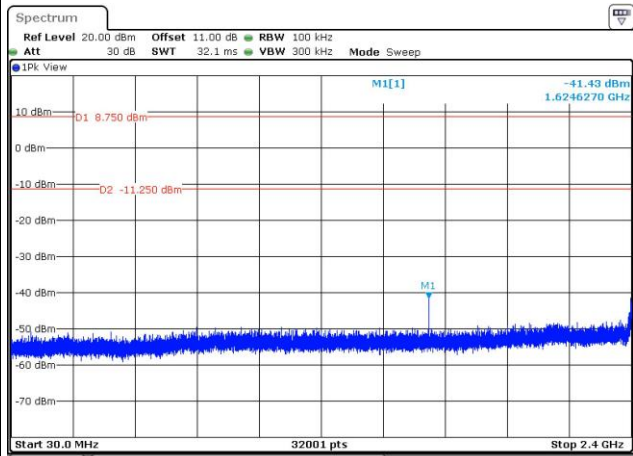
## 802.11g



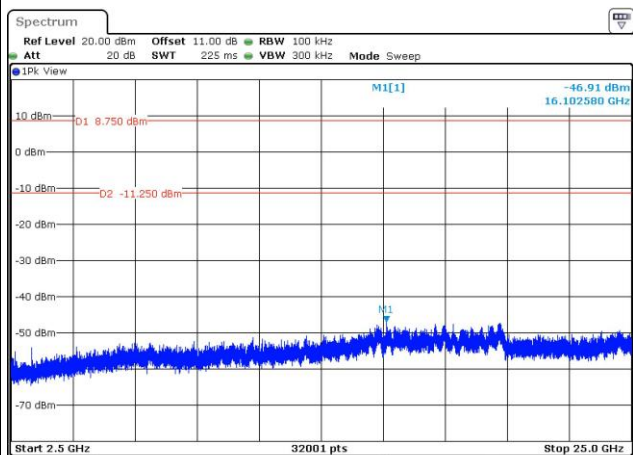
### Reference Level



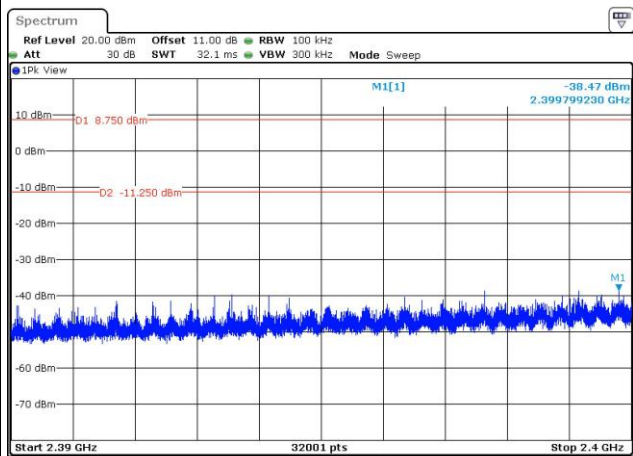
### Tx 2437MHz / 30MHz~25GHz (down 20dBc)



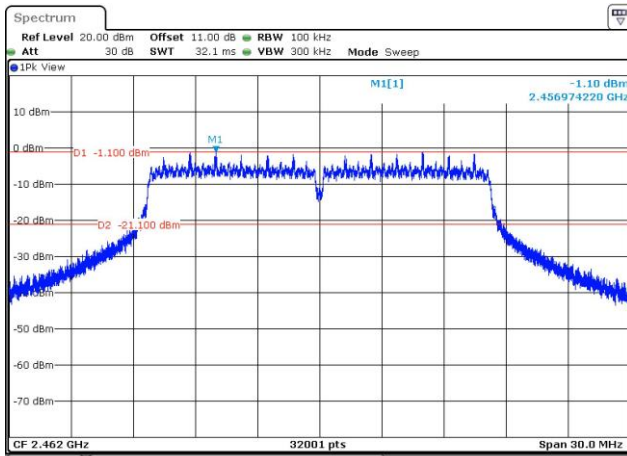
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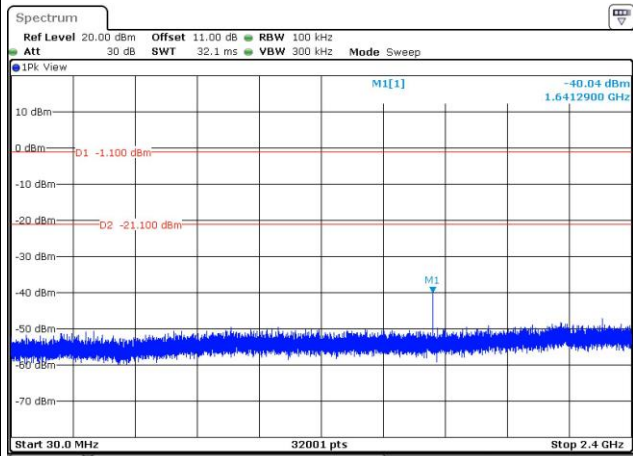
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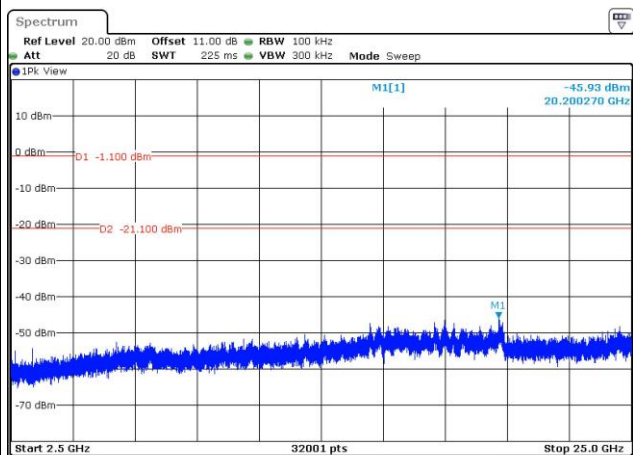
### Reference Level



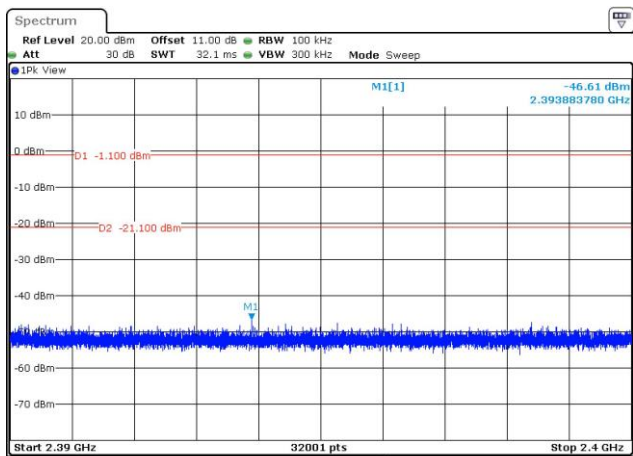
### Tx 2462MHz / 30MHz~25GHz (down 20dBc)



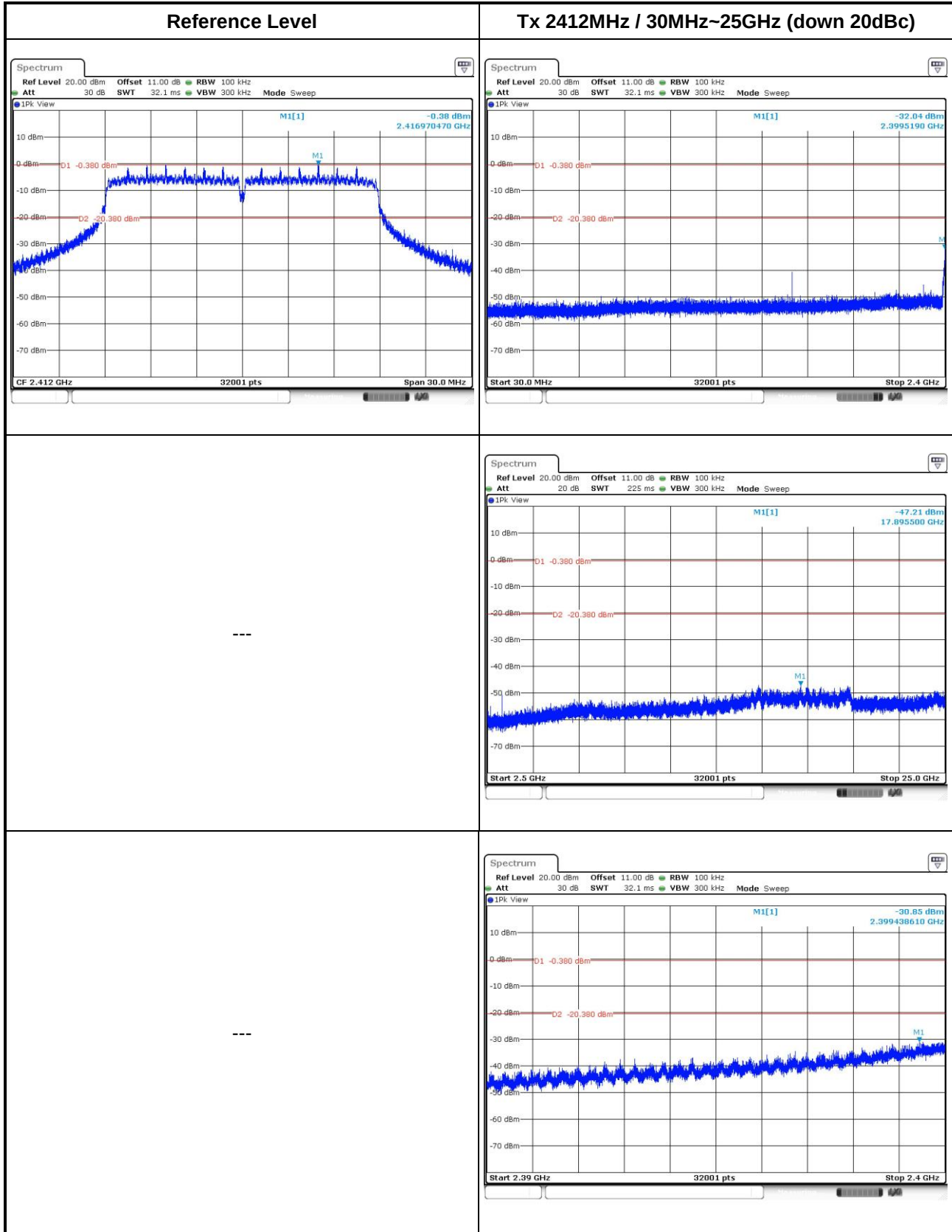
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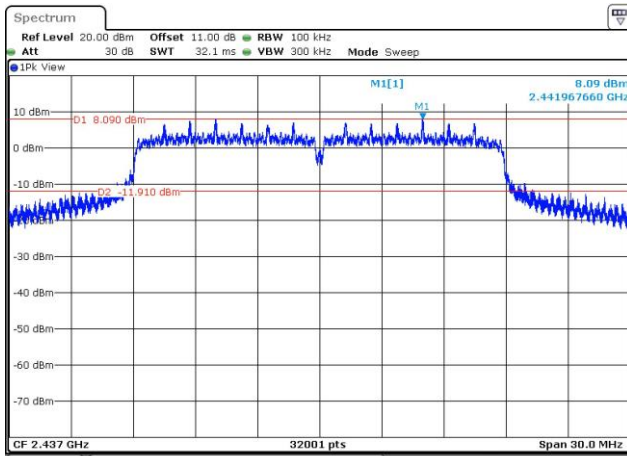
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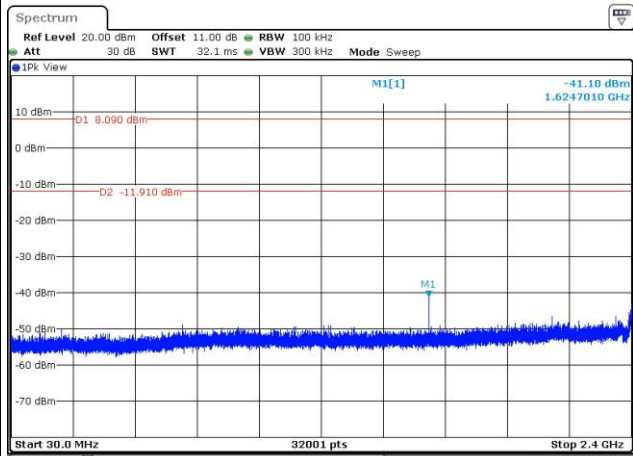
## 802.11n HT20



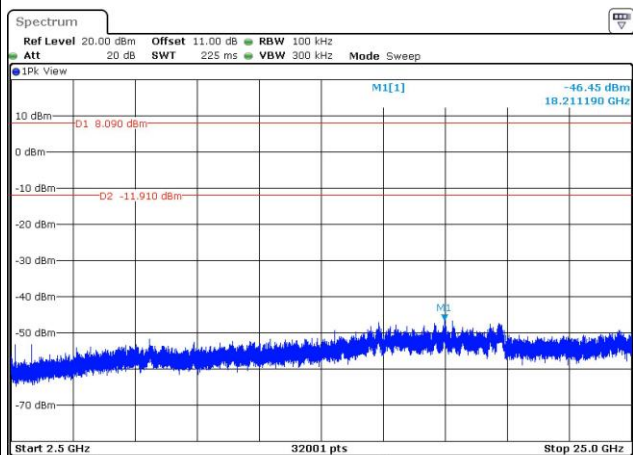
### Reference Level



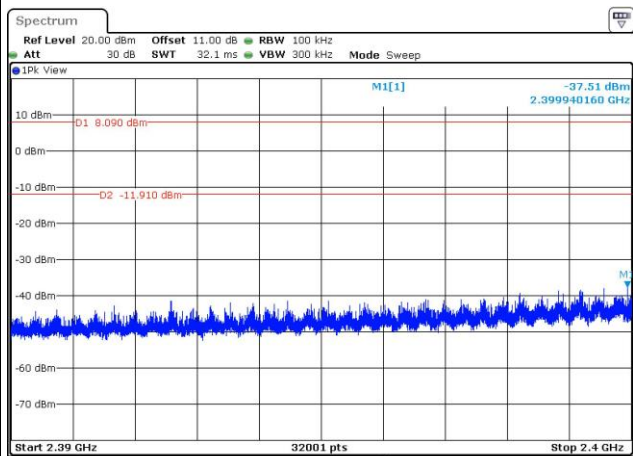
### Tx 2437MHz / 30MHz~25GHz (down 20dBc)



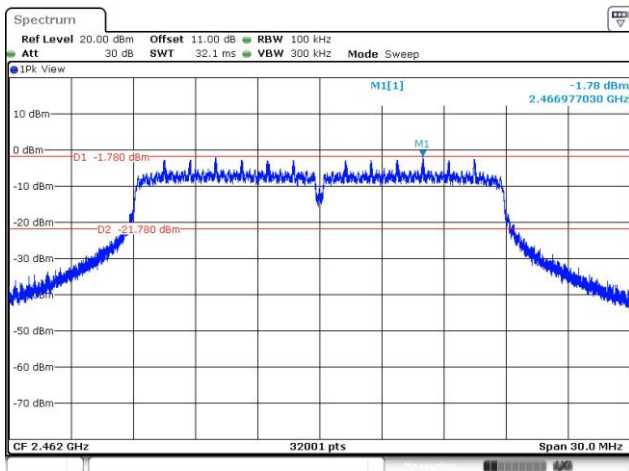
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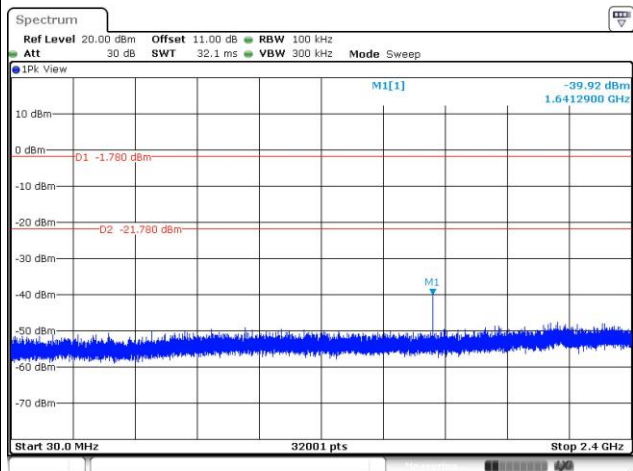
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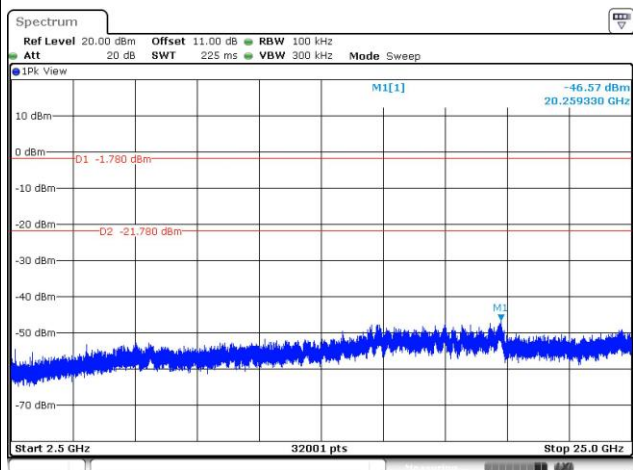
### Reference Level



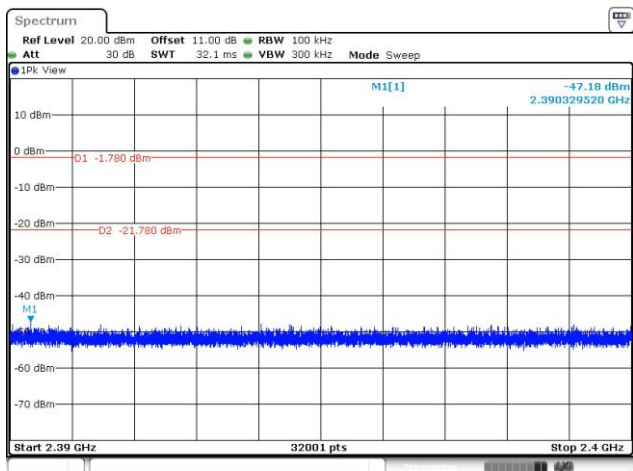
### Tx 2462MHz / 30MHz~25GHz (down 20dBc)



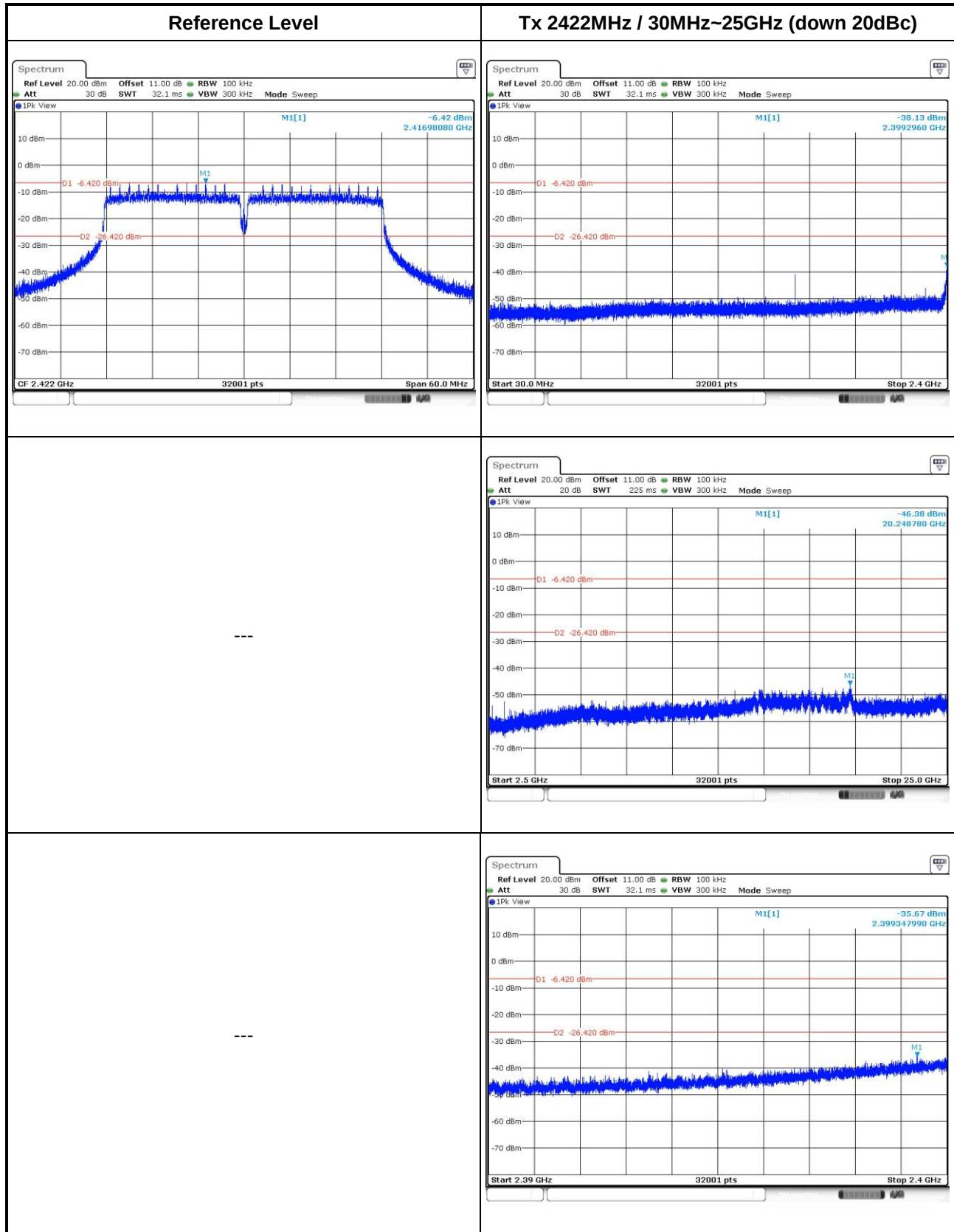
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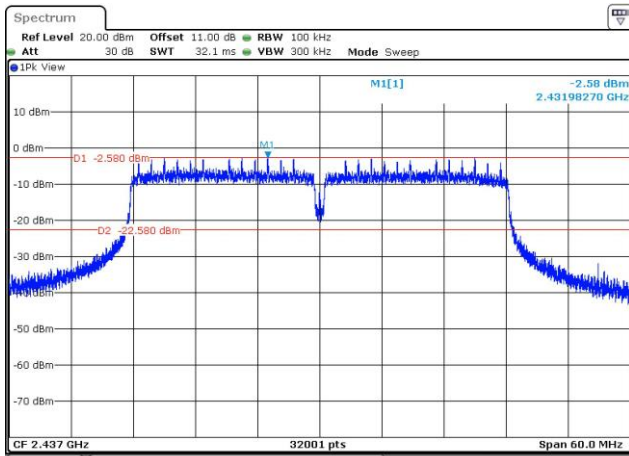
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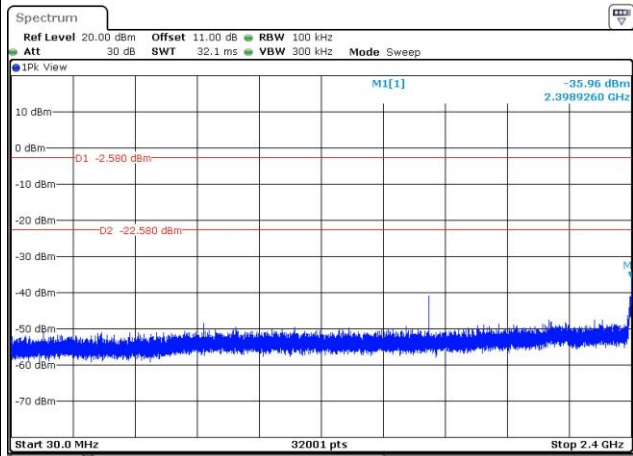
## 802.11n HT40



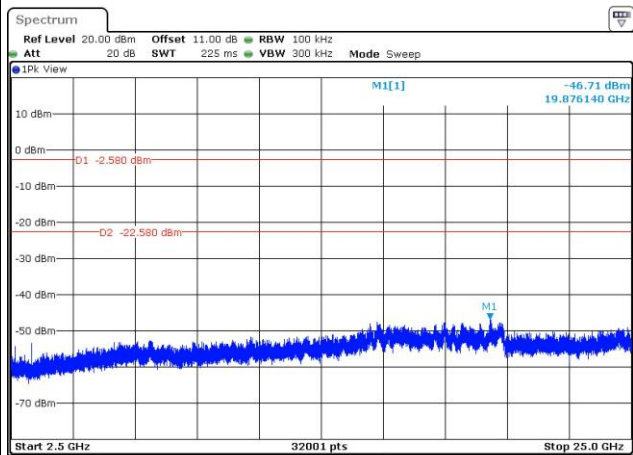
### Reference Level



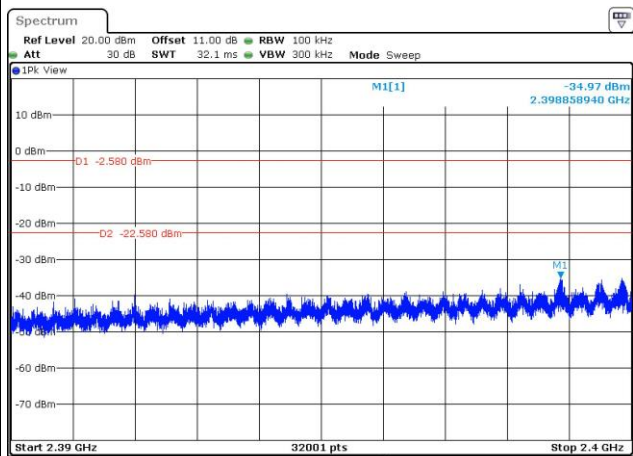
### Tx 2437MHz / 30MHz~25GHz (down 20dBc)

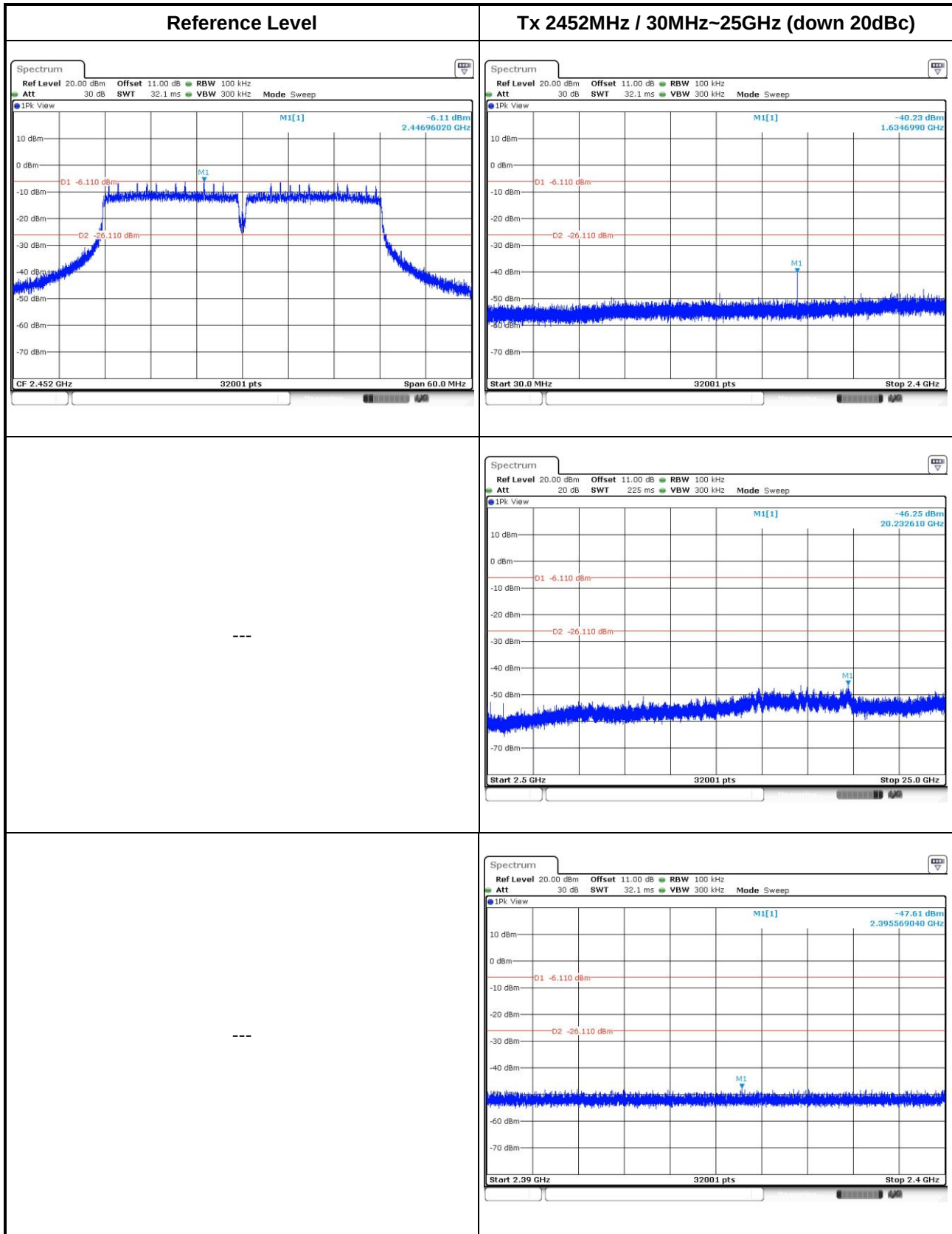


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## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp, it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan Hsiang. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

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Taiwan, R.O.C.

### **Kwei Shan**

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Kwei Shan Hsiang, Tao Yuan  
Hsien 333, Taiwan, R.O.C.

### **Kwei Shan Site II**

Tel: 886-3-271-8640

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St., Kwei Shan Hsiang, Tao Yuan  
Hsien 333, Taiwan, R.O.C.

If you have any suggestion, please feel free to contact us as below information

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Email: [ICC\\_Service@icertifi.com.tw](mailto:ICC_Service@icertifi.com.tw)

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