



**Test Report**  
**FCC ID: LDK102101**  
**AIR-AP3802P-B-K9, AIR-AP3802P-UXK9**

**IC: 2461B-102101**  
**AIR-AP3802P-A-K9, AIR-AP3802P-UXK9**

Cisco Aironet 802.11ac Dual Band Access Points

**5250-5350 MHz**

**XOR Radio**

**Against the following Specifications:**

**CFR47 Part 15.407**

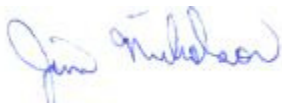
**RSS-247**

**RSS-Gen**

**Cisco Systems**

170 West Tasman Drive

San Jose, CA 95134

|                                                                                     |                                                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|  |                    |
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This report replaces any previously entered test report under EDCS – **1552571** .This test report has been electronically authorized and archived using the CISCO Engineering Document Control system.



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## **Section 1: Overview**

The samples were assessed against the tests detailed in section 3 under the requirements of the following specifications:

| <b>Specifications:</b>                                                     |
|----------------------------------------------------------------------------|
| CFR47 Part 15.407<br>RSS247 Issue 1: May 2015<br>RSS-Gen Issue 4: Nov 2014 |

Measurements were made in accordance with

- ANSI C63.10:2013
- KDB 789033 D02 General UNII Test Procedures New Rules v01r01
- KDB 662911 D01 Multiple Transmitter Output v02r01



## Section 2: Assessment Information

### 2.1 General

This report contains an assessment of an apparatus against Electromagnetic Compatibility Standards based upon tests carried out on the samples submitted. The testing was performed by and for the use of Cisco systems Inc:

With regard to this assessment, the following points should be noted:

- a) The results contained in this report relate only to the items tested and were obtained in the period between the date of the initial assessment and the date of issue of the report. Manufactured products will not necessarily give identical results due to production and measurement tolerances.
- b) The apparatus was set up and exercised using the configuration and modes of operation defined in this report only.
- c) Where relevant, the apparatus was only assessed using the susceptibility criteria defined in this report and the Test Assessment Plan (TAP).
- d) All testing was performed under the following environmental conditions:

|                      |                                      |
|----------------------|--------------------------------------|
| Temperature          | 15°C to 35°C (54°F to 95°F)          |
| Atmospheric Pressure | 860mbar to 1060mbar (25.4" to 31.3") |
| Humidity             | 10% to 75*%                          |
- e) All AC testing was performed at one or more of the following supply voltages:  
110V 60 Hz (+/-20%)

### Units of Measurement

The units of measurements defined in the appendices are reported in specific terms, which are test dependent. Where radiated measurements are concerned these are defined at a particular distance. Basic voltage measurements are defined in units of [dBuV]

As an example, the basic calculation for all measurements is as follows:

$$\text{Emission level [dBuV]} = \text{Indicated voltage level [dBuV]} + \text{Cable Loss [dB]} + \text{Other correction factors [dB]}$$

The combinations of correction factors are dependent upon the exact test configurations [see test equipment lists for further details] and may include:-

Antenna Factors, Pre Amplifier Gain, LISN Loss, Pulse Limiter Loss and Filter Insertion Loss

Note: to convert the results from dBuV/m to uV/m use the following formula:-

$$\text{Level in uV/m} = \text{Common Antilogarithm} [(X \text{ dBuV/m})/20] = Y \text{ uV/m}$$

## Measurement Uncertainty Values

|                                   |                         |
|-----------------------------------|-------------------------|
| voltage and power measurements    | $\pm 2$ dB              |
| conducted EIRP measurements       | $\pm 1.4$ dB            |
| radiated measurements             | $\pm 3.2$ dB            |
| frequency measurements            | $\pm 2.4 \cdot 10^{-7}$ |
| temperature measurements          | $\pm 0.54^\circ$        |
| humidity measurements             | $\pm 2.3\%$             |
| DC and low frequency measurements | $\pm 2.5\%$             |

Where relevant measurement uncertainty levels have been estimated for tests performed on the apparatus. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of  $k=2$ .

Radiated emissions (expanded uncertainty, confidence interval 95%)

|                    |            |
|--------------------|------------|
| 30 MHz - 300 MHz   | +/- 3.8 dB |
| 300 MHz - 1000 MHz | +/- 4.3 dB |
| 1 GHz - 10 GHz     | +/- 4.0 dB |
| 10 GHz - 18GHz     | +/- 8.2 dB |
| 18GHz - 26.5GHz    | +/- 4.1 dB |
| 26.5GHz - 40GHz    | +/- 3.9 dB |

Conducted emissions (expanded uncertainty, confidence interval 95%)

|                |             |
|----------------|-------------|
| 30 MHz – 40GHz | +/- 0.38 dB |
|----------------|-------------|

A product is considered to comply with a requirement if the nominal measured value is below the limit line. The product is considered to not be in compliance in case the nominal measured value is above the limit line.

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**2.2 Date of testing**

01-Jan-16 - 03-Mar-16

**2.3 Report Issue Date**

30-March-2016

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**2.4 Testing facilities**

This assessment was performed by:

**Testing Laboratory**

Cisco Systems, Inc.,  
125 West Tasman Drive  
San Jose, CA 95134, USA

**Registration Numbers for Industry Canada**

| <b>Cisco System Site</b> | <b>Address</b>                                    | <b>Site Identifier</b> |
|--------------------------|---------------------------------------------------|------------------------|
| Building P, 10m Chamber  | 125 West Tasman Dr<br>San Jose, CA 95134          | Company #: 2461N-2     |
| Building P, 5m Chamber   | 125 West Tasman Dr<br>San Jose, CA 95134          | Company #: 2461N-1     |
| Building I, 5m Chamber   | 285 W. Tasman Drive<br>San Jose, California 95134 | Company #: 2461M-1     |

**Test Engineers**

Jose Aguirre

**2.5 Equipment Assessed (EUT)**

AIR-AP3802P-B-K9



## 2.6 EUT Description

The Cisco Aironet 802.11ac Radio supports the following modes of operation. The modes are further defined in the radio Theory of Operation. The modes included in this report represent the worst case data for all modes.

802.11n/ac - Non HT160, One Antenna, 6 to 54 Mbps  
802.11n/ac - Non HT160, Two Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT160, Three Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT160, Four Antennas, 6 to 54 Mbps

802.11ac - VHT160, One Antenna, M0 to M9 1ss  
802.11ac - VHT160, Two Antennas, M0 to M9 1ss  
802.11ac - VHT160, Two Antennas, M0 to M9 2ss  
802.11ac - VHT160, Three Antennas, M0 to M9 1ss  
802.11ac - VHT160, Three Antennas, M0 to M9 2ss  
802.11ac - VHT160, Three Antennas, M0 to M9 3ss  
802.11ac - VHT160, Four Antennas, M0 to M9 1ss  
802.11ac - VHT160, Four Antennas, M0 to M9 2ss  
802.11ac - VHT160, Four Antennas, M0 to M9 3ss

802.11ac - VHT160 Beam Forming, Two Antennas, M0 to M9 1ss  
802.11ac - VHT160 Beam Forming, Two Antennas, M0 to M9 2ss  
802.11ac - VHT160 Beam Forming, Three Antennas, M0 to M9 1ss  
802.11ac - VHT160 Beam Forming, Three Antennas, M0 to M9 2ss  
802.11ac - VHT160 Beam Forming, Three Antennas, M0 to M9 3ss  
802.11ac - VHT160 Beam Forming, Four Antennas, M0 to M9 1ss  
802.11ac - VHT160 Beam Forming, Four Antennas, M0 to M9 2ss  
802.11ac - VHT160 Beam Forming, Four Antennas, M0 to M9 3ss

802.11ac - VHT160 STBC, Two Antennas, M0 to M9 1ss  
802.11ac - VHT160 STBC, Three Antennas, M0 to M9 1ss  
802.11ac - VHT160 STBC, Four Antennas, M0 to M9 1ss

802.11n/ac - Non HT20, One Antenna, 6 to 54 Mbps  
802.11n/ac - Non HT20, Two Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT20, Three Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT20, Four Antennas, 6 to 54 Mbps

802.11n/ac - Non HT20 Beam Forming, Two Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT20 Beam Forming, Three Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT20 Beam Forming, Four Antennas, 6 to 54 Mbps

802.11n/ac - HT/VHT20, One Antenna, M0 to M7  
802.11n/ac - HT/VHT20, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT20, Two Antennas, M8 to M15  
802.11n/ac - HT/VHT20, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT20, Three Antennas, M8 to M15  
802.11n/ac - HT/VHT20, Three Antennas, M16 to M23  
802.11n/ac - HT/VHT20, Four Antennas, M0 to M7  
802.11n/ac - HT/VHT20, Four Antennas, M8 to M15  
802.11n/ac - HT/VHT20, Four Antennas, M16 to M23

802.11n/ac - HT/VHT20 Beam Forming, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT20 Beam Forming, Two Antennas, M8 to M15  
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M8 to M15  
802.11n/ac - HT/VHT20 Beam Forming, Three Antennas, M16 to M23  
802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M0 to M7  
802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M8 to M15





802.11n/ac - HT/VHT20 Beam Forming, Four Antennas, M16 to M23

802.11n/ac - HT/VHT20 STBC, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT20 STBC, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT20 STBC, Four Antennas, M0 to M7

802.11n/ac - Non HT40 Duplicate, One Antenna, 6 to 54 Mbps  
802.11n/ac - Non HT40 Duplicate, Two Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT40 Duplicate, Three Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT40 Duplicate, Four Antennas, 6 to 54 Mbps

802.11n/ac - HT/VHT40, One Antenna, M0 to M7  
802.11n/ac - HT/VHT40, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT40, Two Antennas, M8 to M15  
802.11n/ac - HT/VHT40, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT40, Three Antennas, M8 to M15  
802.11n/ac - HT/VHT40, Three Antennas, M16 to M23  
802.11n/ac - HT/VHT40, Four Antennas, M0 to M7  
802.11n/ac - HT/VHT40, Four Antennas, M8 to M15  
802.11n/ac - HT/VHT40, Four Antennas, M16 to M23

802.11n/ac - HT/VHT40 Beam Forming, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT40 Beam Forming, Two Antennas, M8 to M15  
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M8 to M15  
802.11n/ac - HT/VHT40 Beam Forming, Three Antennas, M16 to M23  
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M0 to M7  
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M8 to M15  
802.11n/ac - HT/VHT40 Beam Forming, Four Antennas, M16 to M23

802.11n/ac - HT/VHT40 STBC, Two Antennas, M0 to M7  
802.11n/ac - HT/VHT40 STBC, Three Antennas, M0 to M7  
802.11n/ac - HT/VHT40 STBC, Four Antennas, M0 to M7

802.11n/ac - Non HT80 Duplicate, One Antenna, 6 to 54 Mbps  
802.11n/ac - Non HT80 Duplicate, Two Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT80 Duplicate, Three Antennas, 6 to 54 Mbps  
802.11n/ac - Non HT80 Duplicate, Four Antennas, 6 to 54 Mbps

802.11ac - VHT80, One Antenna, M0 to M9 1ss  
802.11ac - VHT80, Two Antennas, M0 to M9 1ss  
802.11ac - VHT80, Two Antennas, M0 to M9 2ss  
802.11ac - VHT80, Three Antennas, M0 to M9 1ss  
802.11ac - VHT80, Three Antennas, M0 to M9 2ss  
802.11ac - VHT80, Three Antennas, M0 to M9 3ss  
802.11ac - VHT80, Four Antennas, M0 to M9 1ss  
802.11ac - VHT80, Four Antennas, M0 to M9 2ss  
802.11ac - VHT80, Four Antennas, M0 to M9 3ss

802.11ac - VHT80 Beam Forming, Two Antennas, M0 to M9 1ss  
802.11ac - VHT80 Beam Forming, Two Antennas, M0 to M9 2ss  
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 1ss  
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 2ss  
802.11ac - VHT80 Beam Forming, Three Antennas, M0 to M9 3ss  
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 1ss  
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 2ss  
802.11ac - VHT80 Beam Forming, Four Antennas, M0 to M9 3ss

802.11ac - VHT80 STBC, Two Antennas, M0 to M9 1ss



802.11ac - VHT80 STBC, Three Antennas, M0 to M9 1ss  
802.11ac - VHT80 STBC, Four Antennas, M0 to M9 1ss



The following antennas are supported by this product series.

**The data included in this report represent the worst case data for all antennas.**

| Frequency          | Part Number      | Antenna Type                                           | Antenna Gain (dBi) | Model | Antenna Gain >30 degrees (dBi) |
|--------------------|------------------|--------------------------------------------------------|--------------------|-------|--------------------------------|
| <b>2.4 GHz</b>     | AIR-ANT24020V-R  | Omni                                                   | 2                  | 3800P | NA                             |
|                    | AIR-ANT2452V-R   | Diversity Omni-directional                             | 5.2                | 3800P | NA                             |
|                    | AIR-ANT2430V-R   | MIMO 3-Element Omni                                    | 3                  | 3800P | NA                             |
|                    | AIR-ANT2440NV-R  | MIMO Wall-Mount Omni Antenna                           | 4                  | 3800P | NA                             |
|                    | AIR-ANT2460NP-R  | MIMO 3-Element Patch                                   | 6                  | 3800P | NA                             |
| <b>5 GHz</b>       | AIR-ANT5140V-R   | MIMO 3-Element Omni                                    | 4                  | 3800P | Indoor Only                    |
|                    | AIR-ANT5140NV-R  | MIMO Wall-Mount Omni Antenna                           | 4                  | 3800P | -8                             |
|                    | AIR-ANT5145V-R   | Diversity Omni-directional                             | 4.5                | 3800P | Indoor Only                    |
|                    | AIR-ANT5160NP-R  | MIMO 3-Element Patch                                   | 6                  | 3800P | 3                              |
| <b>2.4 / 5 GHz</b> | AIR-ANT2451V-R   | Omni                                                   | 2 / 3              | 3800P | Indoor Only                    |
|                    | AIR-ANT2451NV-R  | Omni                                                   | 3 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2524DB-R  | Dual-resonant black dipole                             | 2 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2524DW-R  | Dual-resonant white dipole                             | 2 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2524DG-R  | Dual-resonant gray dipole                              | 2 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2524V4C-R | Dual-resonant ceiling mount omni (4-pack)              | 2 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2535SDW-R | Dual-resonant "stubby" monopole                        | 3 / 5              | 3800P | Indoor Only                    |
|                    | AIR-ANT2544V4M-R | Dual-resonant omni (4-pack)                            | 4 / 4              | 3800P | Indoor Only                    |
|                    | AIR-ANT2566P4W-R | Dual-resonant "directional" antenna (4-pack)           | 6 / 6              | 3800P | 3                              |
|                    | AIR-ANT2566D4M-R | Dual-Band Polarization-Diverse Directional Array       | 6 / 6              | 3800P | 3                              |
|                    | AIR-ANT2513P4M-N | Dual-resonant cross-pol "directional" antenna (4-pack) | 13 / 13            | 3800P | -7                             |
|                    | AIR-ANT25-LOC-02 | Directional HL / Directional WiFi                      | 3 / 4              | 3800P |                                |
|                    | AIR-ANT25-LOC-03 | Linear HL / Omni WiFi                                  | 0 / 1              | 3800P |                                |
|                    | AIR-ANT25-LOC-04 | Omni HL / Omni WiFi                                    | 0 / 1              | 3800P |                                |

### Section 3: Result Summary

#### 3.1 Results Summary Table

##### Conducted emissions

| Basic Standard                                               | Technical Requirements / Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Result |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| FCC 15.407<br>RSS-247                                        | <b>99% &amp; 26 dB Bandwidth:</b><br>The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. There is no limit for 99% OBW.<br>The 26 dB emission is the width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission. | Pass   |
| FCC 15.407<br>RSS-247                                        | <b>Output Power:</b><br>For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.<br>If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.                                  | Pass   |
| FCC 15.407<br>RSS-247                                        | <b>Power Spectral Density:</b><br>The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.                                                                                                                                                                                  | Pass   |
| FCC 15.407<br>RSS-247                                        | <b>Conducted Spurious Emissions / Band-Edge:</b><br>For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.                                                                                                                                                                                                                                                                                                                                                            | Pass   |
| FCC 15.407<br>RSS-247<br>FCC 15.209<br>FCC 15.205<br>RSS-Gen | <b>Restricted band:</b><br>Unwanted emissions must comply with the general field strength set forth in FCC 15.209.                                                                                                                                                                                                                                                                                                                                                                                                                                           | Pass   |

##### Radiated Emissions (General requirements)

| Basic Standard                                    | Technical Requirements / Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Result |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| FCC 15.407<br>FCC 15.209<br>FCC 15.205<br>RSS-Gen | <b>TX Spurious Emissions:</b><br>Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the filed strength limits table in this section.                                                                                                                                                                                                                                                                                                   | Pass   |
| FCC 15.207<br>RSS-Gen                             | <b>AC conducted Emissions:</b><br>Except when the requirements applicable to a given device state otherwise, for any radio apparatus equipped to operate from the public utility AC power supply, either directly or indirectly (such as with a battery charger), the radio frequency voltage of emissions conducted back onto the AC power lines in the frequency range of 0.15 MHz to 30 MHz shall not exceed the limits shown in the table in these sections. The more stringent limit applies at the frequency range boundaries. | Pass   |

\* MPE calculation is recorded in a separate report



## Section 4: Sample Details

Note: Each sample was evaluated to ensure that its condition was suitable to be used as a test sample prior to the commencement of testing.

### 4.1 Sample Details

| Sample No. | Equipment Details            | Manufacturer  | Hardware Rev. | Firmware Rev.     | Software Rev. | Serial Number      |
|------------|------------------------------|---------------|---------------|-------------------|---------------|--------------------|
| S01        | AIR-AP3802P-B-K9             | Cisco Systems | 01            | Linux ver 3.14.33 | U-boot        | FOC1945132D        |
| S02*       | PWR-CUBE-B<br>341-100460-001 | Delta         | A0            | NA                | NA            | Engineering sample |

(\*) S02 are support equipment Power supplies for EUT S01

### 4.2 System Details

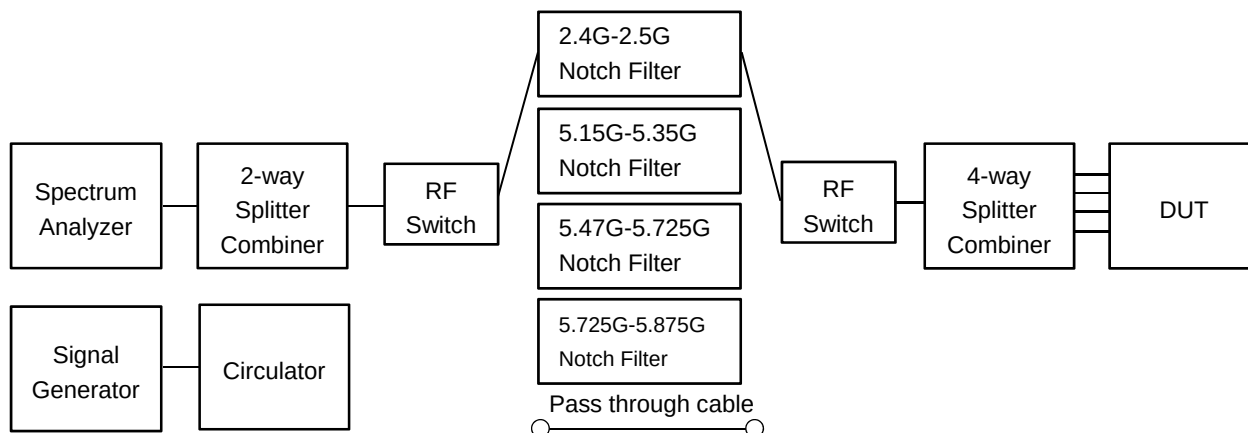
| System # | Description      | Samples |
|----------|------------------|---------|
| 1        | AIR-AP3802P-B-K9 | S01     |
| 2        | PWR-CUBE-B       | S02     |

### 4.3 Mode of Operation Details

| Mode# | Description             | Comments                                       |
|-------|-------------------------|------------------------------------------------|
| 1     | Continuous Transmitting | Continuous Transmitting $\geq 98\%$ duty cycle |

All measurements were made in accordance with

- ANSI C63.10:2013
- KDB 789033 D02 General UNII Test Procedures New Rules v01r01
- KDB 662911 D01 Multiple Transmitter Output v02r01

**Appendix A: Emission Test Results****Conducted Test Setup Diagram****Target Maximum Channel Power**

The following table details the maximum supported Total Channel Power for all operating modes.

**Antenna Gain : 2 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 17                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 21                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 20                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 21                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 20                          | 20   | 21   | 21   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 20                          | 20   | 21   | 21   |
| HT/VHT20, M0 to M23                           | 22                          | 22   | 21   | 21   |
| HT/VHT20 Beam Forming, M0 to M23              | 22                          | 22   | 21   | 21   |
| HT/VHT20 STBC, M0 to M7                       | 22                          | 22   | 21   | 21   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 22                          | 21   |      |      |
| HT/VHT40, M0 to M23                           | 23                          | 24   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 23                          | 24   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 23                          | 24   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 20                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 23                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 22                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 23                          |      |      |      |

**Antenna Gain : 3 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 15                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 20                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 20                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 20                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 20                          | 20   | 21   | 21   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 20                          | 20   | 21   | 21   |
| HT/VHT20, M0 to M23                           | 22                          | 22   | 21   | 21   |
| HT/VHT20 Beam Forming, M0 to M23              | 22                          | 22   | 21   | 21   |
| HT/VHT20 STBC, M0 to M7                       | 22                          | 22   | 21   | 21   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 21                          | 20   |      |      |
| HT/VHT40, M0 to M23                           | 23                          | 24   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 23                          | 24   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 23                          | 24   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 20                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 22                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 22                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 22                          |      |      |      |

**Antenna Gain : 4 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 15                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 19                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 19                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 19                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 20                          | 20   | 20   | 20   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 20                          | 20   | 20   | 20   |
| HT/VHT20, M0 to M23                           | 22                          | 22   | 21   | 21   |
| HT/VHT20 Beam Forming, M0 to M23              | 22                          | 22   | 21   | 21   |
| HT/VHT20 STBC, M0 to M7                       | 21                          | 21   | 21   | 21   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 21                          | 20   |      |      |
| HT/VHT40, M0 to M23                           | 23                          | 24   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 23                          | 22   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 23                          | 24   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 19                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 22                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 22                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 22                          |      |      |      |



**Antenna Gain : 5 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 15                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 19                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 18                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 19                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 19                          | 19   | 18   | 20   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 19                          | 19   | 18   | 20   |
| HT/VHT20, M0 to M23                           | 22                          | 22   | 21   | 21   |
| HT/VHT20 Beam Forming, M0 to M23              | 22                          | 22   | 21   | 21   |
| HT/VHT20 STBC, M0 to M7                       | 20                          | 20   | 21   | 21   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 21                          | 19   |      |      |
| HT/VHT40, M0 to M23                           | 23                          | 22   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 23                          | 22   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 23                          | 22   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 18                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 21                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 21                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 21                          |      |      |      |

**Antenna Gain : 6 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 14                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 18                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 18                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 18                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 18                          | 18   | 18   | 18   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 18                          | 18   | 18   | 18   |
| HT/VHT20, M0 to M23                           | 21                          | 21   | 21   | 21   |
| HT/VHT20 Beam Forming, M0 to M23              | 21                          | 21   | 21   | 21   |
| HT/VHT20 STBC, M0 to M7                       | 20                          | 20   | 21   | 21   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 21                          | 19   |      |      |
| HT/VHT40, M0 to M23                           | 23                          | 22   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 22                          | 22   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 22                          | 22   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 17                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 21                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 21                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 21                          |      |      |      |

**Antenna Gain : 8 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 13                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 17                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 17                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 17                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 17                          | 18   | 18   | 18   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 16                          | 16   | 15   | 16   |
| HT/VHT20, M0 to M23                           | 20                          | 19   | 19   | 20   |
| HT/VHT20 Beam Forming, M0 to M23              | 20                          | 19   | 19   | 20   |
| HT/VHT20 STBC, M0 to M7                       | 19                          | 19   | 19   | 20   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 19                          | 17   |      |      |
| HT/VHT40, M0 to M23                           | 21                          | 21   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 21                          | 21   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 20                          | 21   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 17                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 19                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 19                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 19                          |      |      |      |

**Antenna Gain : 13 dBi**

| Operating Mode                                | Maximum Channel Power (dBm) |      |      |      |
|-----------------------------------------------|-----------------------------|------|------|------|
|                                               | Frequency (MHz)             |      |      |      |
|                                               | 5250                        |      |      |      |
| Non HT160, 6 to 54 Mbps                       | 10                          |      |      |      |
| VHT160, M0 to M9, M0 to M9 1-1ss              | 13                          |      |      |      |
| VHT160 Beam Forming, M0 to M9, M0 to M9 1-1ss | 13                          |      |      |      |
| VHT160 STBC, M0 to M9 1ss                     | 13                          |      |      |      |
|                                               | 5260                        | 5280 | 5300 | 5320 |
| Non HT20, 6 to 54 Mbps                        | 14                          | 14   | 14   | 14   |
| Non HT20 Beam Forming, 6 to 54 Mbps           | 14                          | 14   | 14   | 13   |
| HT/VHT20, M0 to M23                           | 15                          | 14   | 15   | 15   |
| HT/VHT20 Beam Forming, M0 to M23              | 14                          | 14   | 14   | 15   |
| HT/VHT20 STBC, M0 to M7                       | 14                          | 14   | 14   | 14   |
|                                               | 5270                        | 5310 |      |      |
| Non HT40, 6 to 54 Mbps                        | 17                          | 16   |      |      |
| HT/VHT40, M0 to M23                           | 17                          | 17   |      |      |
| HT/VHT40 Beam Forming, M0 to M23              | 17                          | 17   |      |      |
| HT/VHT40 STBC, M0 to M7                       | 17                          | 17   |      |      |
|                                               | 5290                        |      |      |      |
| Non HT80, 6 to 54 Mbps                        | 14                          |      |      |      |
| VHT80, M0 to M9, M0 to M9 1-1ss               | 15                          |      |      |      |
| VHT80 Beam Forming, M0 to M9, M0 to M9 1-1ss  | 15                          |      |      |      |
| VHT80 STBC, M0 to M9 1ss                      | 15                          |      |      |      |



## A.1 99% and 26dB Bandwidth

**FCC 15.407** The 99% occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. There is no limit for 99% OBW.

The 26 dB emission is the width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.

### Test Procedure

Ref. ANSI C63.10: 2013 Section 6.9.3

#### 99% BW and EBW (-26dB)

##### Test Procedure

1. Set the radio in the continuous transmitting mode.
2. Allow the trace to stabilize.
3. Setting the x-dB bandwidth mode to -26dB and OBW power function to 99% within the measurement set up function.
4. Select the automatic OBW measurement function of an instrument to perform bandwidth measurement.
5. Capture graphs and record pertinent measurement data.

Ref. ANSI C63.10: 2013 Section 6.9.3

#### 99% BW and EBW (-26dB)

##### Test parameters

Span = 1.5 x to 5.0 times OBW

RBW = approx. 1% to 5% of the OBW

VBW  $\geq 3 \times$  RBW

Detector = Peak or where practical sample shall be used

Trace = Max. Hold

| System Number | Description | Samples | System under test                   | Support equipment                   |
|---------------|-------------|---------|-------------------------------------|-------------------------------------|
| 1             | EUT         | S01     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|               | Support     | S02     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**Tested By :**

Jose Aguirre

**Date of testing:**

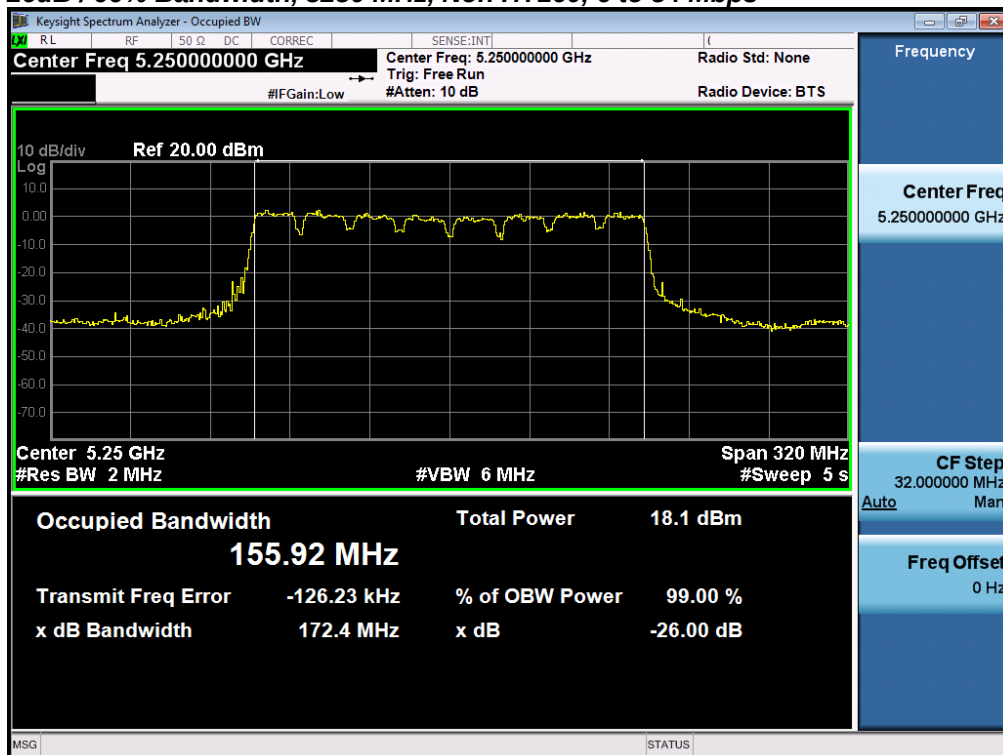
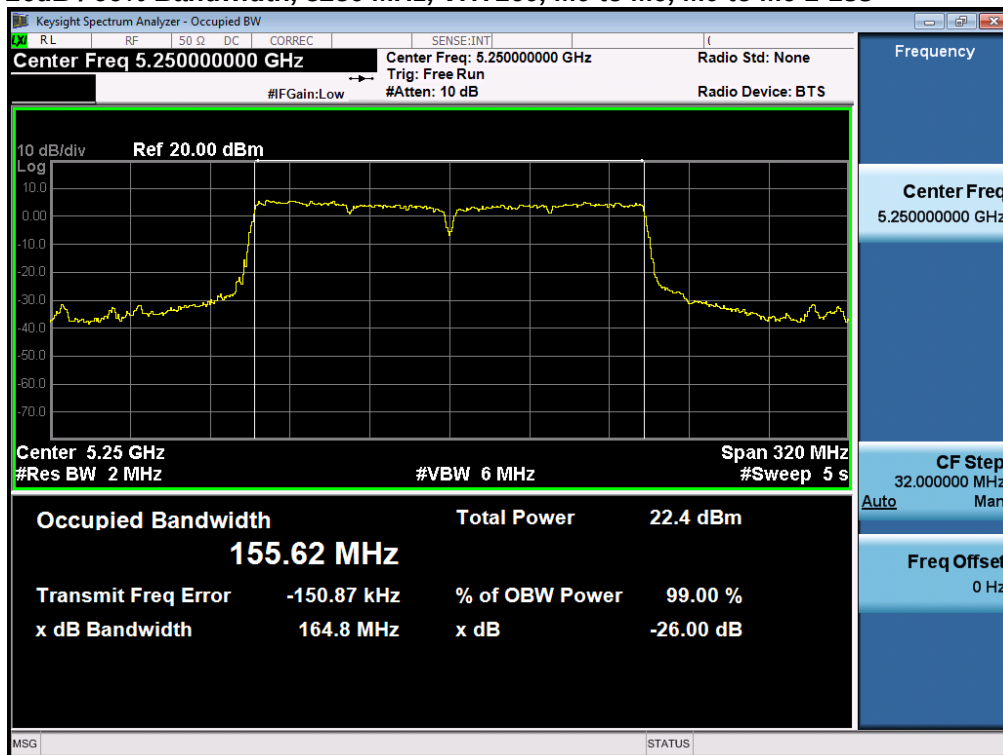
01-Jan-16 - 03-Mar-16

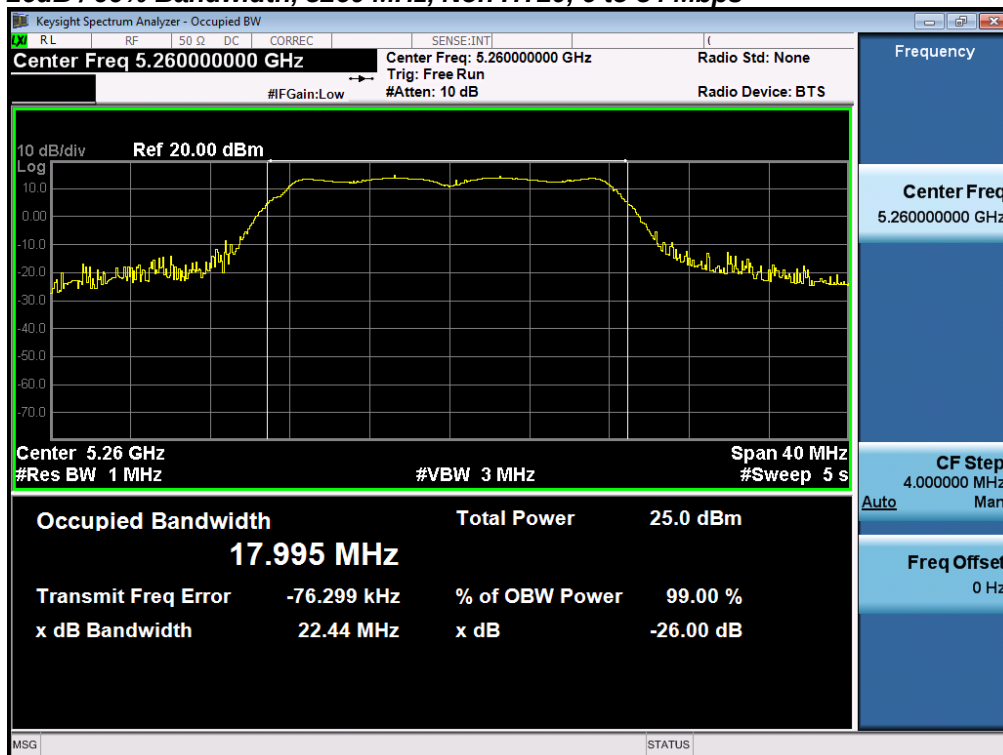
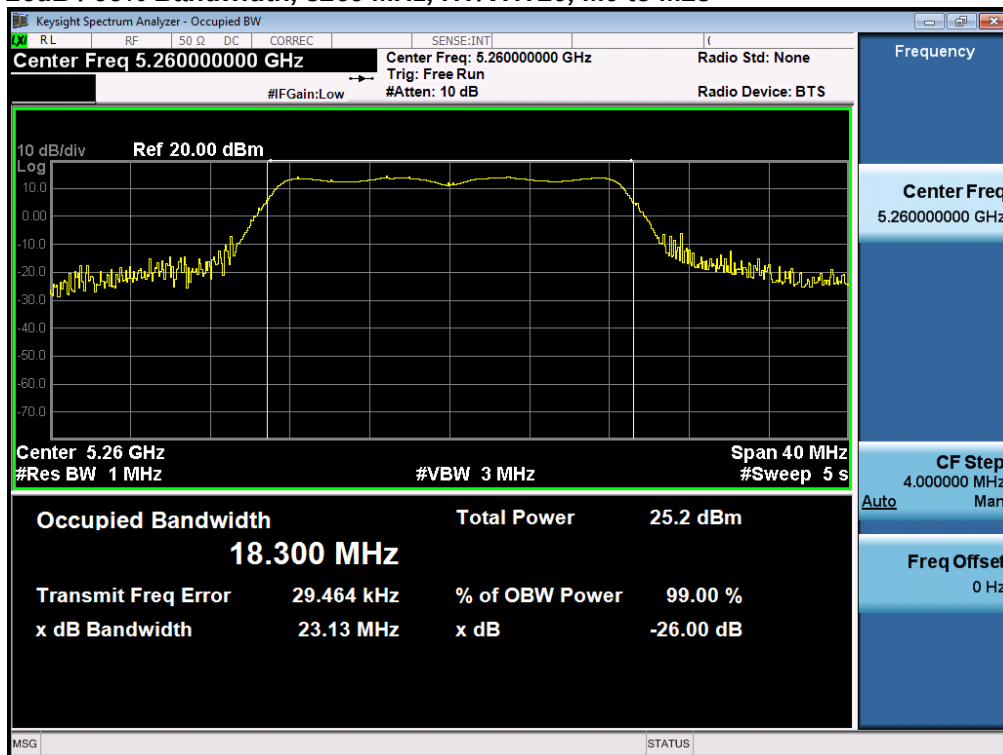
**Test Result : PASS**

See Appendix C for list of test equipment

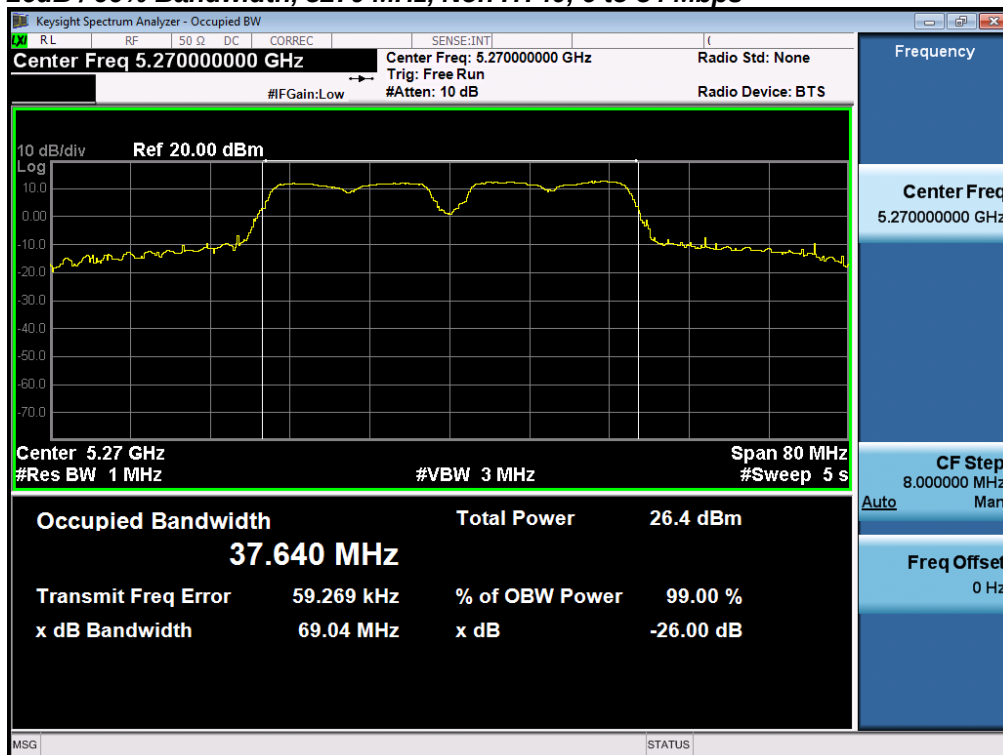
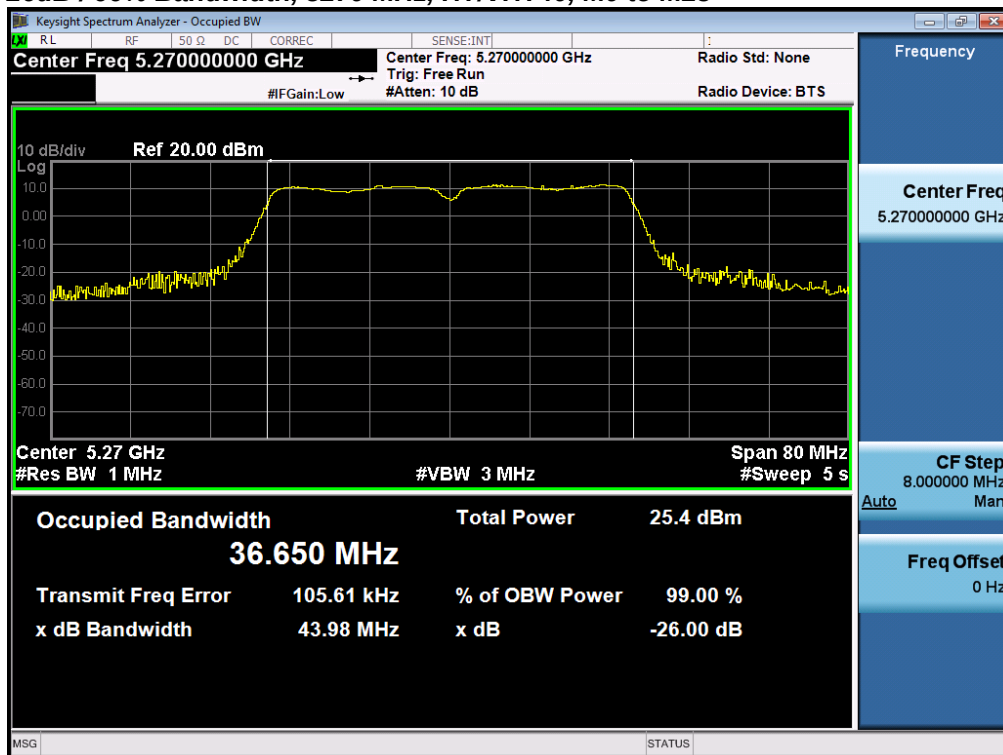


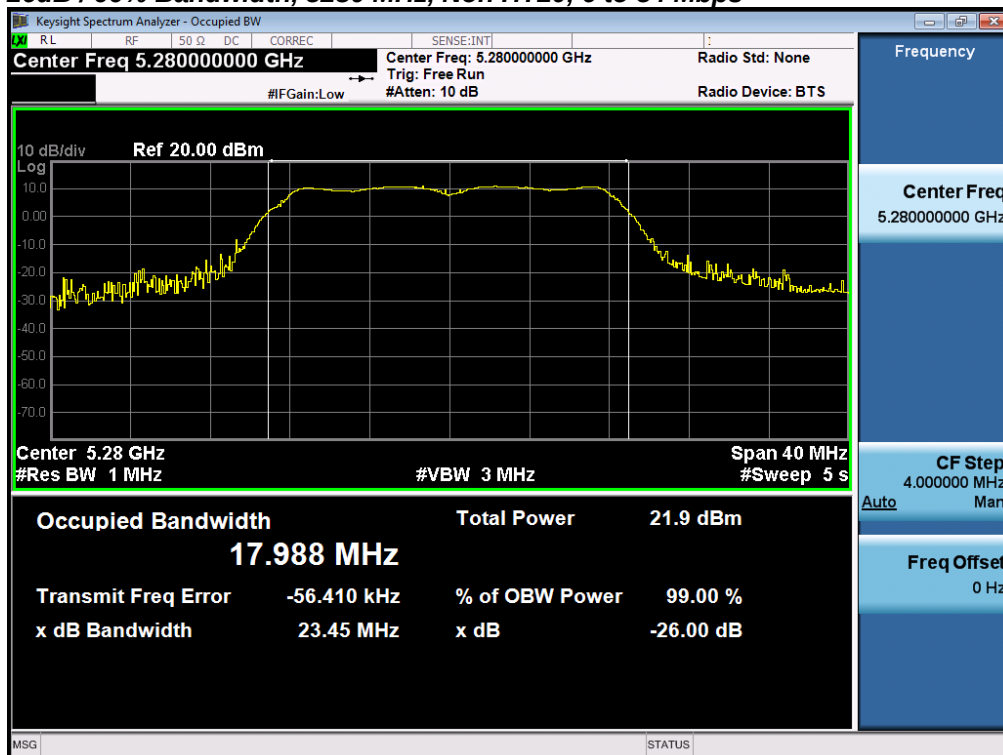
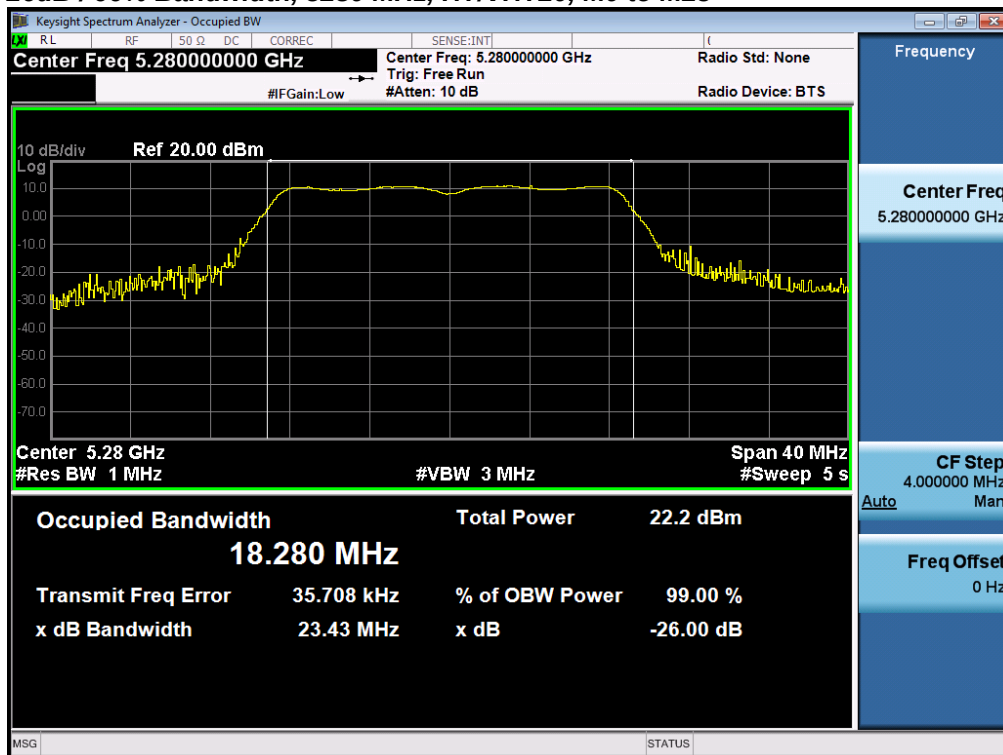
| Frequency (MHz) | Mode                             | Data Rate (Mbps) | 26dB BW (MHz) | 99% BW (MHz) |
|-----------------|----------------------------------|------------------|---------------|--------------|
| 5250            | Non HT160, 6 to 54 Mbps          | 6                | 172.4         | 155.9        |
|                 | VHT160, M0 to M9, M0 to M9 1-1ss | m0x1             | 164.8         | 155.6        |
| 5260            | Non HT20, 6 to 54 Mbps           | 6                | 22.4          | 18.0         |
|                 | HT/VHT20, M0 to M23              | m0               | 23.13         | 18.3         |
| 5270            | Non HT40, 6 to 54 Mbps           | 6                | 69.0          | 37.6         |
|                 | HT/VHT40, M0 to M23              | m0               | 43.9          | 36.7         |
| 5280            | Non HT20, 6 to 54 Mbps           | 6                | 23.4          | 18.0         |
|                 | HT/VHT20, M0 to M23              | m0               | 23.4          | 18.3         |
| 5290            | Non HT80, 6 to 54 Mbps           | 6                | 86.4          | 76.2         |
|                 | VHT80, M0 to M9, M0 to M9 1-1ss  | m0x1             | 83.4          | 76.4         |
| 5300            | Non HT20, 6 to 54 Mbps           | 6                | 24.7          | 18.0         |
|                 | HT/VHT20, M0 to M23              | m0               | 22.9          | 18.3         |
| 5310            | Non HT40, 6 to 54 Mbps           | 6                | 47.6          | 36.8         |
|                 | HT/VHT40, M0 to M23              | m0               | 43.2          | 36.5         |
| 5320            | Non HT20, 6 to 54 Mbps           | 6                | 23.7          | 18.0         |
|                 | HT/VHT20, M0 to M23              | m0               | 22.9          | 18.3         |

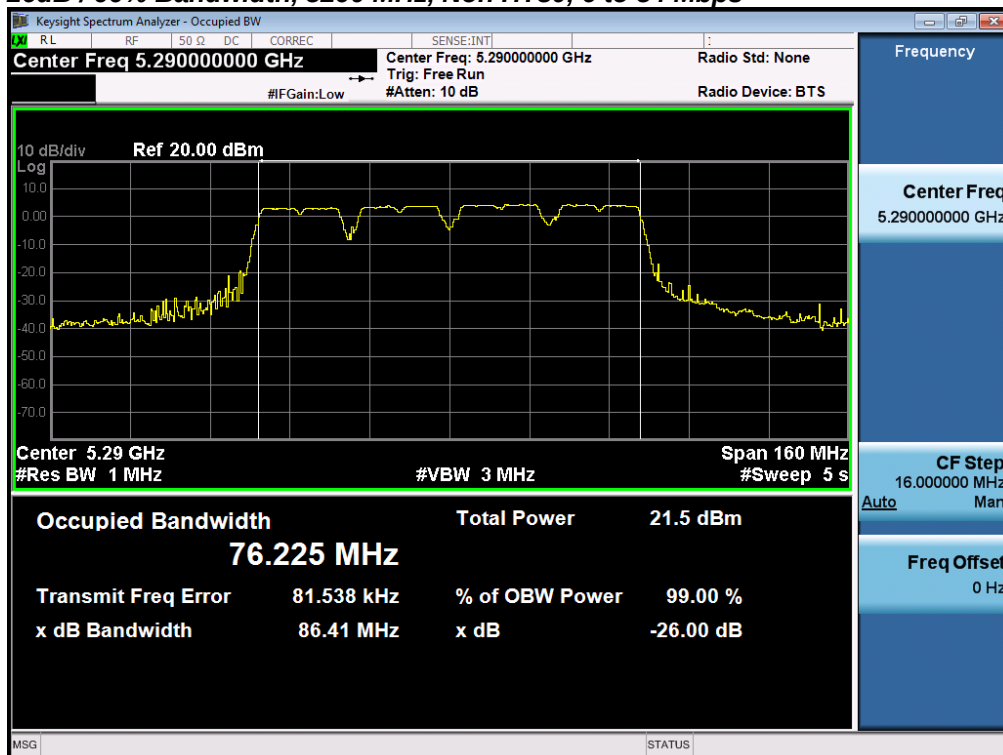
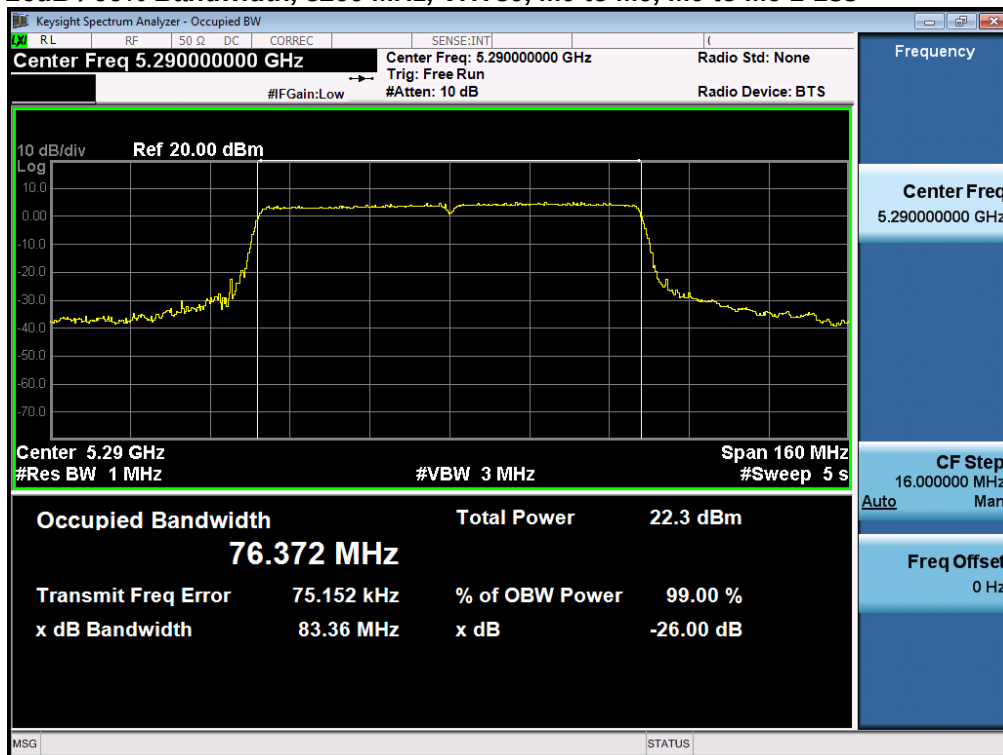
**26dB / 99% Bandwidth, 5250 MHz, Non HT160, 6 to 54 Mbps****26dB / 99% Bandwidth, 5250 MHz, VHT160, M0 to M9, M0 to M9 1-1ss**

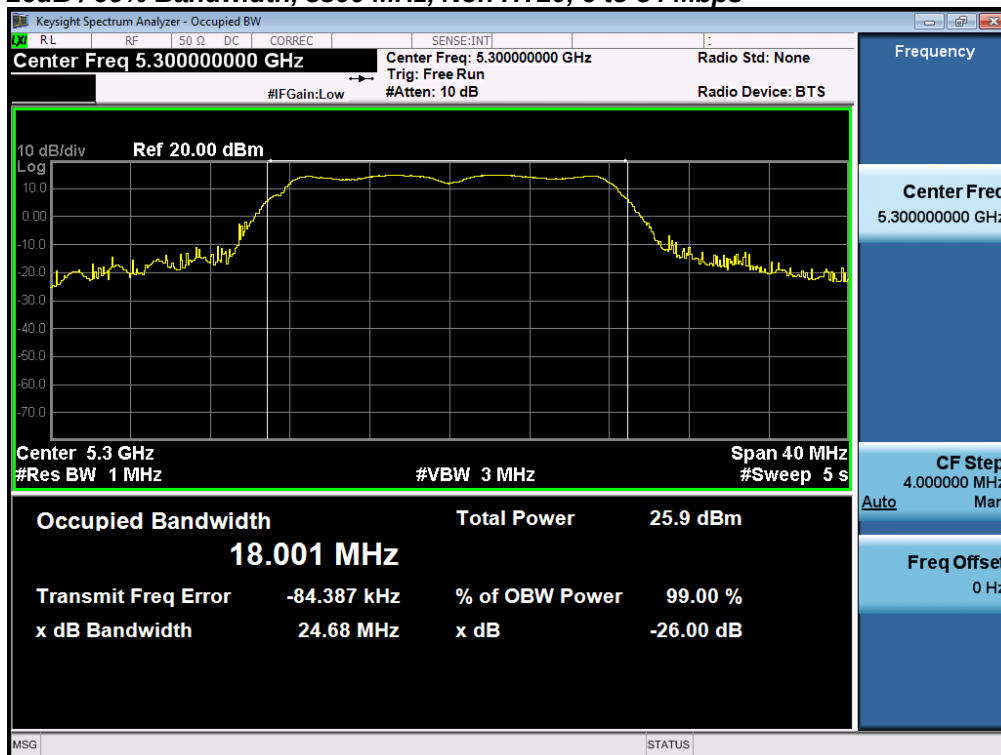
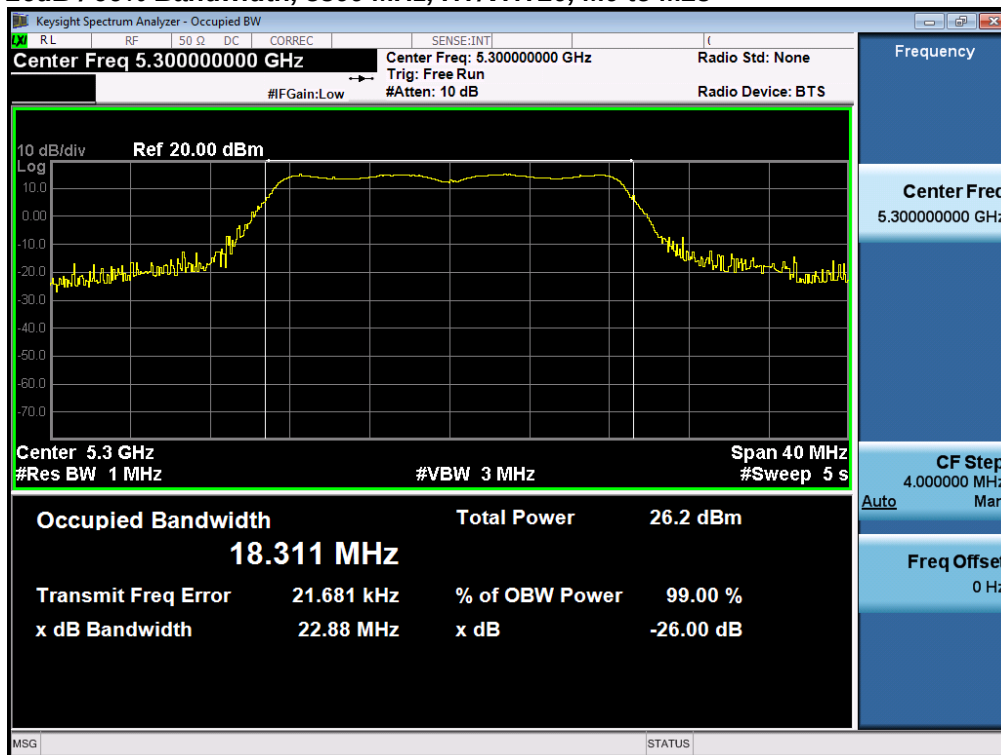
**26dB / 99% Bandwidth, 5260 MHz, Non HT20, 6 to 54 Mbps****26dB / 99% Bandwidth, 5260 MHz, HT/VHT20, M0 to M23**

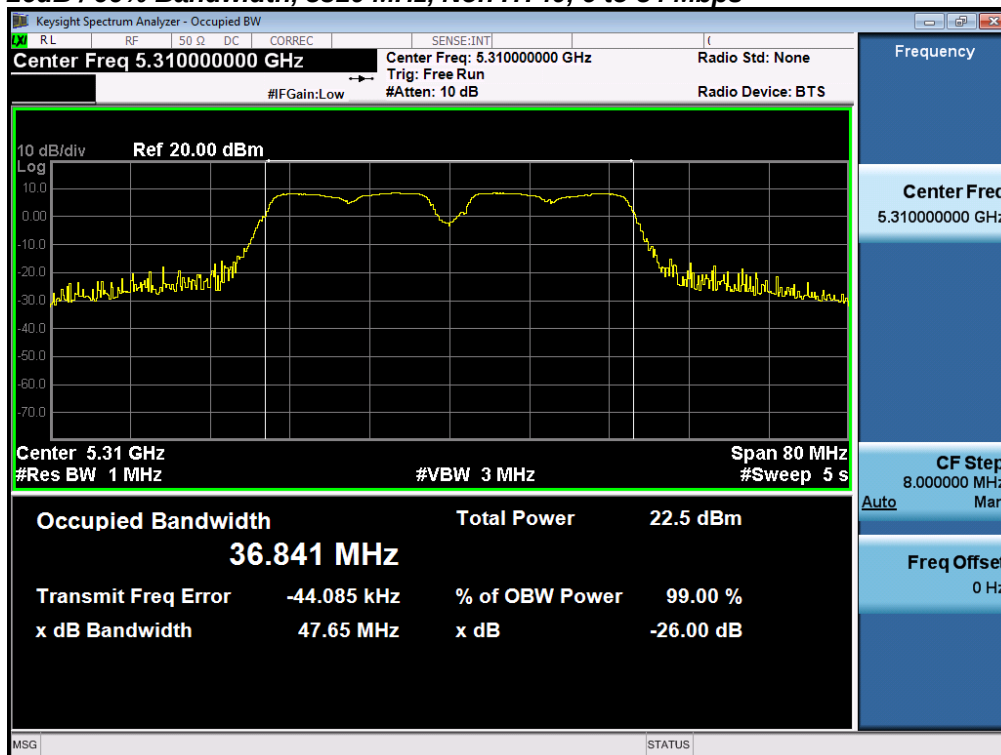
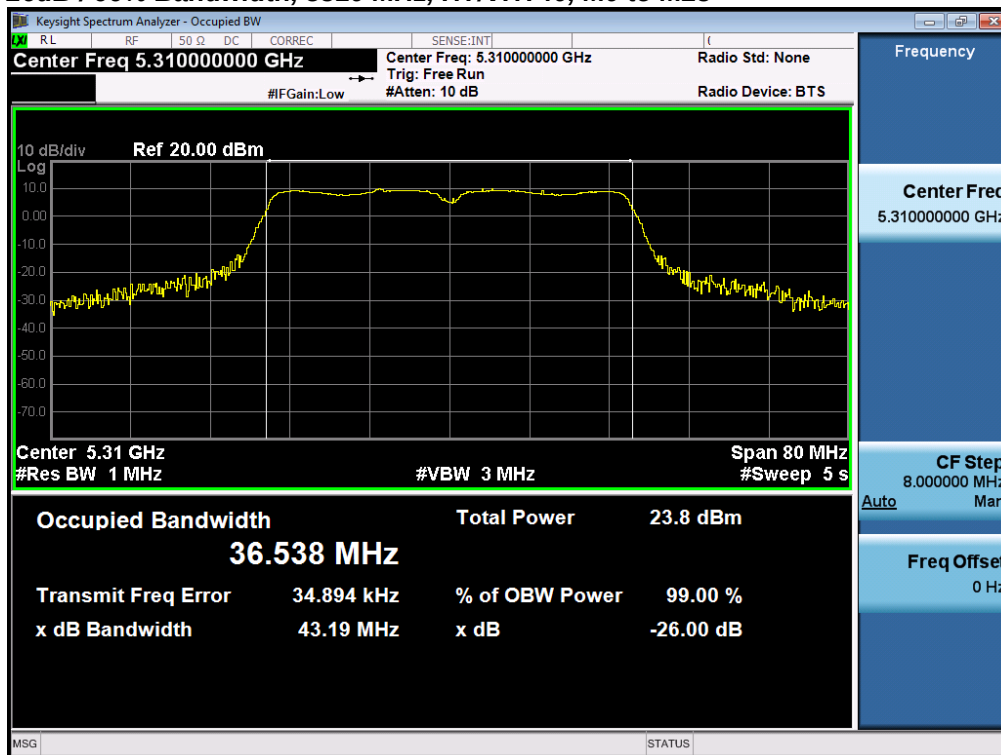


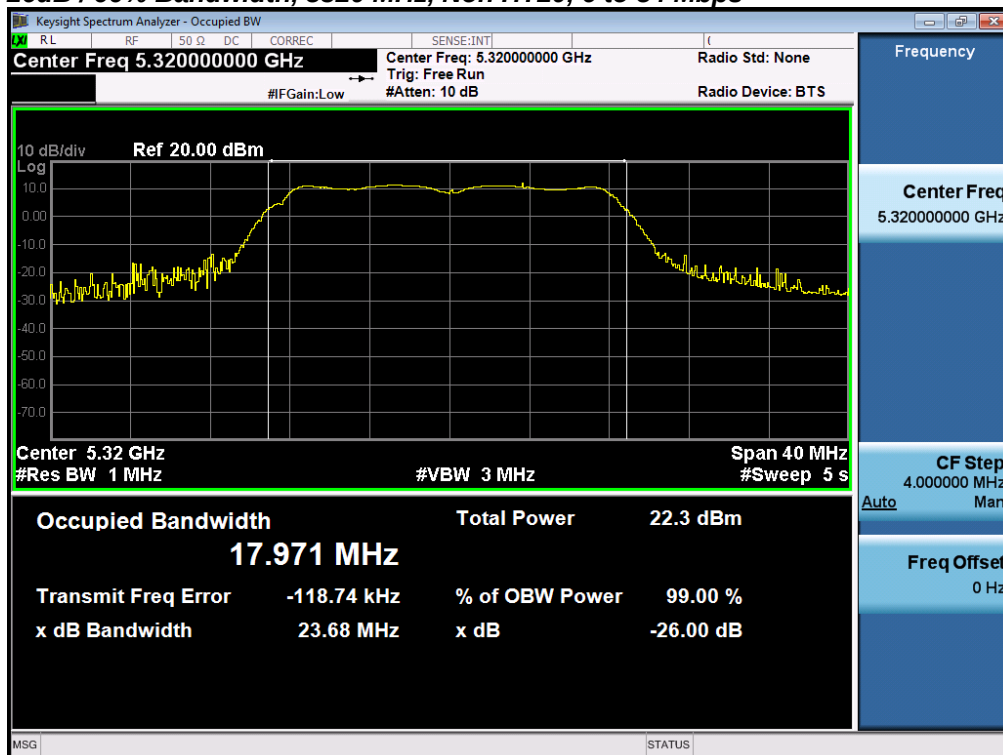
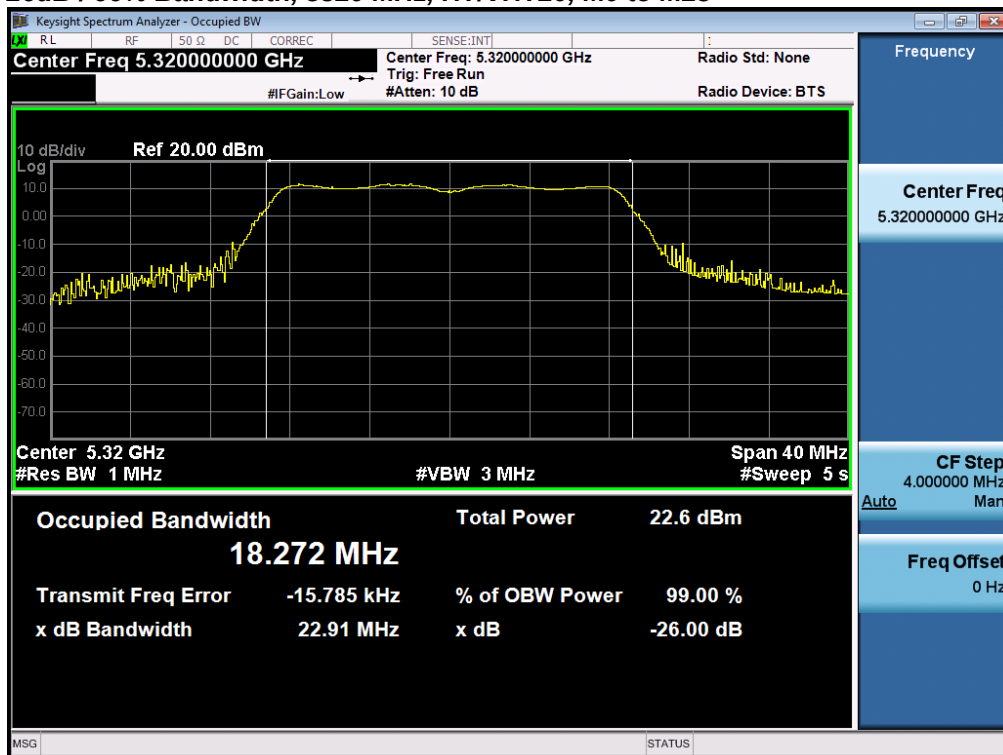
**26dB / 99% Bandwidth, 5270 MHz, Non HT40, 6 to 54 Mbps****26dB / 99% Bandwidth, 5270 MHz, HT/VHT40, M0 to M23**

**26dB / 99% Bandwidth, 5280 MHz, Non HT20, 6 to 54 Mbps****26dB / 99% Bandwidth, 5280 MHz, HT/VHT20, M0 to M23**

**26dB / 99% Bandwidth, 5290 MHz, Non HT80, 6 to 54 Mbps****26dB / 99% Bandwidth, 5290 MHz, VHT80, M0 to M9, M0 to M9 1-1ss**

**26dB / 99% Bandwidth, 5300 MHz, Non HT20, 6 to 54 Mbps****26dB / 99% Bandwidth, 5300 MHz, HT/VHT20, M0 to M23**

**26dB / 99% Bandwidth, 5310 MHz, Non HT40, 6 to 54 Mbps****26dB / 99% Bandwidth, 5310 MHz, HT/VHT40, M0 to M23**

**26dB / 99% Bandwidth, 5320 MHz, Non HT20, 6 to 54 Mbps****26dB / 99% Bandwidth, 5320 MHz, HT/VHT20, M0 to M23**

## A.2 Maximum Conducted Output Power/ Power Spectral Density

**15.407** (2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

**15.407** (5) The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

### Test Procedure

**Ref.** KDB 789033 D02 General UNII Test Procedures New Rules v01r01  
ANSI C63.10: 2013

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Output Power</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Test Procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 1. Set the radio in the continuous transmitting mode at full power<br>2. Compute power by integrating the spectrum across the EBW (or alternatively entire 99% OBW) of the signal using the instrument's band power measurement function. The integration shall be performed using the spectrum analyzer band-power measurement function with band limits set equal to the EBW or the OBW band edges.<br>3. Capture graphs and record pertinent measurement data. |

**Ref.** KDB 789033 D02 General UNII Test Procedures New Rules v01r01  
ANSI C63.10: 2013 section 12.3.2.2 Method SA-1

|                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Output Power</b>                                                                                                               |
| Test parameters                                                                                                                   |
| Span = >1.5 times the OBW<br>RBW = 1MHz<br>VBW ≥ 3 x RBW<br>Sweep = Auto couple<br>Detector = sample<br>Trace = Trace Average 100 |

The "measure-and-sum technique" is used for measuring in-band transmit power of a device. In the measure-and-sum approach, the conducted emission level is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units. (See ANSI C63.10 section 14.3.2.2)

| System Number | Description | Samples | System under test                   | Support equipment                   |
|---------------|-------------|---------|-------------------------------------|-------------------------------------|
| 1             | EUT         | S01     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|               | Support     | S02     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

|                                    |                                                  |
|------------------------------------|--------------------------------------------------|
| <b>Tested By :</b><br>Jose Aguirre | <b>Date of testing:</b><br>01-Jan-16 - 03-Mar-16 |
| <b>Test Result : PASS</b>          |                                                  |

See Appendix C for list of test equipment



Referencing "644545 D03 Guidance for IEEE 802.11ac v01", covering signals that cross the boundary between two adjacent UNII bands, the FCC describes a procedure to measure EBW, power, and PSD in each UNII band. For the case of a 160MHz signal equally distributed between UNII-1 and UNII-2a, we apply the following alternate procedure.

Rather than measure:

- The half of the signal in UNII-1, measured against the 30dBm power / 17dBm/MHz PSD limits
- The half of the signal in UNII-2a, measured against the 24dBm power / 11dBm/MHz PSD limits

If a 160MHz signal (equally distributed between the two bands) produces a total power of 27dBm across the entire 160 MHz EBW, the total power in each band would be half of the total, or 24dBm (which meets both the UNII-1 and UNII-2a limits), and would have a PSD no greater than 11dBm/MHz in either sub-band.

Given these facts, we have measured the complete 160 MHz EBW (across both sub-bands) against 27dBm power and 11dBm/MHz PSD limits, rather than individual sub band measurements against the individual sub band limits.





## Antenna Gain : 2 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 2                             | 13.9                 |                      |                      |                      | 13.9                         | 24.0        | 10.1        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 2                             | 11.7                 | 11.2                 |                      |                      | 14.5                         | 24.0        | 9.5         |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 2                             | 10.7                 | 10.2                 | 10.6                 |                      | 15.3                         | 24.0        | 8.7         |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 2                             | 10.7                 | 10.2                 | 10.6                 | 10.6                 | 16.5                         | 24.0        | 7.5         |
|                 | VHT160, M0 to M9 1ss                | 1        | 2                             | 17.7                 |                      |                      |                      | 17.7                         | 24.0        | 6.3         |
|                 | VHT160, M0 to M9 1ss                | 2        | 2                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160, M0 to M9 2ss                | 2        | 2                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160, M0 to M9 1ss                | 3        | 2                             | 15.4                 | 14.8                 | 15.3                 |                      | 19.9                         | 24.0        | 4.1         |
|                 | VHT160, M0 to M9 2ss                | 3        | 2                             | 15.4                 | 14.8                 | 15.3                 |                      | 19.9                         | 24.0        | 4.1         |
|                 | VHT160, M0 to M9 3ss                | 3        | 2                             | 15.4                 | 14.8                 | 15.3                 |                      | 19.9                         | 24.0        | 4.1         |
|                 | VHT160, M0 to M9 1ss                | 4        | 2                             | 15.3                 | 14.8                 | 14.2                 | 15.0                 | 20.9                         | 24.0        | 3.1         |
|                 | VHT160, M0 to M9 2ss                | 4        | 2                             | 15.3                 | 14.8                 | 14.2                 | 15.0                 | 20.9                         | 24.0        | 3.1         |
|                 | VHT160, M0 to M9 3ss                | 4        | 2                             | 15.3                 | 14.8                 | 14.2                 | 15.0                 | 20.9                         | 24.0        | 3.1         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 5                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 2                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 7                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 23.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 2                             | 15.4                 | 14.8                 | 15.3                 |                      | 19.9                         | 24.0        | 4.1         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 8                             | 11.3                 | 10.9                 | 11.1                 | 11.1                 | 17.1                         | 22.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 3                             | 14.2                 | 13.7                 | 14.2                 | 14.0                 | 20.1                         | 24.0        | 3.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 2                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 2                             | 15.4                 | 14.8                 | 15.3                 |                      | 19.9                         | 24.0        | 4.1         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 2                             | 15.3                 | 14.8                 | 14.2                 | 15.0                 | 20.9                         | 24.0        | 3.1         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 2                             | 17.1                 |                      |                      |                      | 17.1                         | 23.5        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 2                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 23.4        | 3.3         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 2                             | 14.8                 | 14.7                 | 16.1                 |                      | 20.0                         | 23.1        | 3.1         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 2                             | 12.5                 | 12.7                 | 13.9                 | 14.0                 | 19.3                         | 23.4        | 4.1         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 5                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 23.4        | 3.3         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 7                             | 14.8                 | 14.7                 | 16.1                 |                      | 20.0                         | 22.1        | 2.1         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 8                             | 12.5                 | 12.7                 | 13.9                 | 14.0                 | 19.3                         | 21.4        | 2.1         |
|                 | HT/VHT20, M0 to M7                  | 1        | 2                             | 17.2                 |                      |                      |                      | 17.2                         | 24.0        | 6.8         |



|      |                                        |          |          |             |             |             |      |             |             |            |
|------|----------------------------------------|----------|----------|-------------|-------------|-------------|------|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                     | 2        | 2        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M8 to M15                    | 2        | 2        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M0 to M7                     | 3        | 2        | 14.9        | 14.8        | 16.3        |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M8 to M15                    | 3        | 2        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M16 to M23                   | 3        | 2        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M0 to M7                     | 4        | 2        | 12.7        | 12.8        | 14.0        | 14.1 | 19.5        | 23.2        | 3.7        |
|      | HT/VHT20, M8 to M15                    | 4        | 2        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20, M16 to M23                   | 4        | 2        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 2        | 5        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 2        | 2        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 3        | 7        | 14.9        | 14.8        | 16.3        |      | 20.2        | 22.4        | 2.2        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 3        | 4        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 3        | 2        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 4        | 8        | 12.7        | 12.8        | 14.0        | 14.1 | 19.5        | 21.2        | 1.7        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 4        | 5        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 4        | 3        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 STBC, M0 to M7                | 2        | 2        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 STBC, M0 to M7                | 3        | 2        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 STBC, M0 to M7                | 4        | 2        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
| 5270 | Non HT40, 6 to 54 Mbps                 | 1        | 2        | 18.5        |             |             |      | 18.5        | 24.0        | 5.5        |
|      | Non HT40, 6 to 54 Mbps                 | 2        | 2        | 18.5        | 18.3        |             |      | 21.4        | 24.0        | 2.6        |
|      | Non HT40, 6 to 54 Mbps                 | 3        | 2        | 17.4        | 17.0        | 18.4        |      | 22.4        | 24.0        | 1.6        |
|      | Non HT40, 6 to 54 Mbps                 | 4        | 2        | 15.1        | 14.7        | 16.0        | 16.1 | 21.5        | 23.2        | 1.7        |
|      | HT/VHT40, M0 to M7                     | 1        | 2        | 17.3        |             |             |      | 17.3        | 24.0        | 6.7        |
|      | HT/VHT40, M0 to M7                     | 2        | 2        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M8 to M15                    | 2        | 2        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M0 to M7                     | 3        | 2        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M8 to M15                    | 3        | 2        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M16 to M23                   | 3        | 2        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M0 to M7                     | 4        | 2        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40, M8 to M15                    | 4        | 2        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40, M16 to M23                   | 4        | 2        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 2        | 5        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 2        | 2        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | <b>HT/VHT40 Beam Forming, M0 to M7</b> | <b>3</b> | <b>7</b> | <b>17.3</b> | <b>16.9</b> | <b>17.9</b> |      | <b>22.2</b> | <b>22.2</b> | <b>0.0</b> |
|      | HT/VHT40 Beam Forming, M8 to M15       | 3        | 4        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 3        | 2        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 4        | 8        | 15.0        | 14.6        | 15.9        | 16.0 | 21.4        | 22.0        | 0.6        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 4        | 5        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 4        | 3        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |



|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 2 | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 2 | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 2 | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 2 | 17.1 |      |      |      | 17.1 | 24.0 | 6.9 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 2 | 16.0 | 15.4 |      |      | 18.7 | 24.0 | 5.3 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 2 | 14.8 | 14.3 | 14.9 |      | 19.4 | 24.0 | 4.6 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 2 | 13.5 | 12.9 | 13.9 | 14.4 | 19.7 | 24.0 | 4.3 |
|      | VHT80, M0 to M9 1ss                 | 1 | 2 | 17.5 |      |      |      | 17.5 | 24.0 | 6.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 2 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 2 | 2 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 3 | 2 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 2ss                 | 3 | 2 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 3ss                 | 3 | 2 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 1ss                 | 4 | 2 | 17.5 | 16.9 | 17.4 | 17.8 | 23.4 | 24.0 | 0.6 |
|      | VHT80, M0 to M9 2ss                 | 4 | 2 | 17.5 | 16.9 | 17.4 | 17.8 | 23.4 | 24.0 | 0.6 |
|      | VHT80, M0 to M9 3ss                 | 4 | 2 | 17.5 | 16.9 | 17.4 | 17.8 | 23.4 | 24.0 | 0.6 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 5 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 2 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 7 | 15.2 | 14.6 | 15.1 |      | 19.7 | 23.0 | 3.3 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 4 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 2 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 8 | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 5 | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 3 | 16.4 | 15.8 | 16.3 | 16.7 | 22.3 | 24.0 | 1.7 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 2 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 2 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 2 | 17.5 | 16.9 | 17.4 | 17.8 | 23.4 | 24.0 | 0.6 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 17.5 |      |      |      | 17.5 | 23.6 | 6.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 2 | 17.5 | 17.1 |      |      | 20.3 | 23.6 | 3.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 2 | 15.2 | 14.8 | 15.6 |      | 20.0 | 23.6 | 3.6 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 2 | 13.0 | 12.8 | 13.3 | 14.3 | 19.4 | 23.6 | 4.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 17.5 | 17.1 |      |      | 20.3 | 23.6 | 3.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 15.2 | 14.8 | 15.6 |      | 20.0 | 22.6 | 2.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 13.0 | 12.8 | 13.3 | 14.3 | 19.4 | 21.6 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 17.7 |      |      |      | 17.7 | 23.6 | 5.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 2 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 2 | 15.3 | 14.9 | 15.7 |      | 20.1 | 23.6 | 3.5 |
|      | HT/VHT20, M8 to M15                 | 3 | 2 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |



|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 2 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 4 | 2 | 13.2 | 13.0 | 13.5 | 14.4 | 19.6 | 23.6 | 4.0 |
|      | HT/VHT20, M8 to M15                 | 4 | 2 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20, M16 to M23                | 4 | 2 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 5 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 2 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 7 | 15.3 | 14.9 | 15.7 |      | 20.1 | 22.6 | 2.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 4 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 2 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 8 | 13.2 | 13.0 | 13.5 | 14.4 | 19.6 | 21.6 | 2.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 5 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 3 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 2 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 2 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 2 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 2 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 2 | 15.7 | 15.1 | 15.0 |      | 20.0 | 23.4 | 3.4 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 2 | 12.6 | 12.1 | 11.7 | 13.0 | 18.4 | 24.0 | 5.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 15.7 | 15.1 | 15.0 |      | 20.0 | 22.4 | 2.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 12.6 | 12.1 | 11.7 | 13.0 | 18.4 | 22.0 | 3.6 |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 18.2 |      |      |      | 18.2 | 24.0 | 5.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 2 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 2 | 15.8 | 15.3 | 15.2 |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 2 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M16 to M23                | 3 | 2 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 2 | 13.7 | 13.3 | 12.9 | 14.3 | 19.6 | 23.4 | 3.8 |
|      | HT/VHT20, M8 to M15                 | 4 | 2 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20, M16 to M23                | 4 | 2 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 5 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 2 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 7 | 15.8 | 15.3 | 15.2 |      | 20.2 | 22.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 4 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 2 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 8 | 13.7 | 13.3 | 12.9 | 14.3 | 19.6 | 21.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 5 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 3 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 2 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |



|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 2 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 2 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      |                                     |   |   |      |      |      |      |      |      |     |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 2 | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 2 | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 2 | 15.7 | 15.1 | 14.9 |      | 20.0 | 24.0 | 4.0 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 2 | 15.7 | 15.1 | 14.9 | 15.8 | 21.4 | 24.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 1 | 2 | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | HT/VHT40, M0 to M7                  | 2 | 2 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M8 to M15                 | 2 | 2 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M0 to M7                  | 3 | 2 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M8 to M15                 | 3 | 2 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M16 to M23                | 3 | 2 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M0 to M7                  | 4 | 2 | 16.9 | 16.2 | 15.8 | 16.8 | 22.5 | 24.0 | 1.5 |
|      | HT/VHT40, M8 to M15                 | 4 | 2 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40, M16 to M23                | 4 | 2 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 5 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 2 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 7 | 16.9 | 16.2 | 15.8 |      | 21.1 | 23.0 | 1.9 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 4 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 2 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 8 | 15.6 | 15.1 | 13.7 | 14.5 | 20.8 | 22.0 | 1.2 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 5 | 16.9 | 16.2 | 15.8 | 16.8 | 22.5 | 24.0 | 1.5 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 3 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 2 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 2 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 2 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      |                                     |   |   |      |      |      |      |      |      |     |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 17.8 |      |      |      | 17.8 | 23.6 | 5.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 2 | 17.8 | 17.4 |      |      | 20.6 | 23.6 | 3.0 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 2 | 15.5 | 15.1 | 14.5 |      | 19.8 | 23.6 | 3.8 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 2 | 13.5 | 13.2 | 12.2 | 13.5 | 19.2 | 23.5 | 4.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 17.8 | 17.4 |      |      | 20.6 | 23.6 | 3.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 15.5 | 15.1 | 14.5 |      | 19.8 | 22.6 | 2.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 13.5 | 13.2 | 12.2 | 13.5 | 19.2 | 21.5 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 18.0 |      |      |      | 18.0 | 23.6 | 5.6 |
|      | HT/VHT20, M0 to M7                  | 2 | 2 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 2 | 15.7 | 15.3 | 14.7 |      | 20.0 | 23.6 | 3.6 |
|      | HT/VHT20, M8 to M15                 | 3 | 2 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
|      | HT/VHT20, M16 to M23                | 3 | 2 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |



|                                   |   |   |      |      |      |      |      |      |     |
|-----------------------------------|---|---|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 2 | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |
| HT/VHT20, M8 to M15               | 4 | 2 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20, M16 to M23              | 4 | 2 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 5 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 2 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 7 | 15.7 | 15.3 | 14.7 |      | 20.0 | 22.6 | 2.6 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 4 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 2 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 8 | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 21.6 | 1.8 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 5 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 3 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 STBC, M0 to M7           | 2 | 2 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 3 | 2 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 STBC, M0 to M7           | 4 | 2 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |



| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 2                             | -5.6               |                    |                    |                    | -5.6                | 11.0            | 16.6        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 5                             | -7.4               | -8.2               |                    |                    | -4.8                | 11.0            | 15.8        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 7                             | -8.4               | -8.9               | -9.0               |                    | -4.0                | 10.0            | 14.0        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 8                             | -8.4               | -8.9               | -9.0               | -9.3               | -2.9                | 9.0             | 11.9        |
|                 | VHT160, M0 to M9 1ss                | 1        | 2                             | -2.0               |                    |                    |                    | -2.0                | 11.0            | 13.0        |
|                 | VHT160, M0 to M9 1ss                | 2        | 5                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160, M0 to M9 2ss                | 2        | 2                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160, M0 to M9 1ss                | 3        | 7                             | -4.4               | -5.1               | -4.4               |                    | 0.2                 | 10.0            | 9.8         |
|                 | VHT160, M0 to M9 2ss                | 3        | 4                             | -4.4               | -5.1               | -4.4               |                    | 0.2                 | 11.0            | 10.8        |
|                 | VHT160, M0 to M9 3ss                | 3        | 2                             | -4.4               | -5.1               | -4.4               |                    | 0.2                 | 11.0            | 10.8        |
|                 | VHT160, M0 to M9 1ss                | 4        | 8                             | -4.3               | -4.9               | -5.3               | -5.3               | 1.1                 | 9.0             | 7.9         |
|                 | VHT160, M0 to M9 2ss                | 4        | 5                             | -4.3               | -4.9               | -5.3               | -5.3               | 1.1                 | 11.0            | 9.9         |
|                 | VHT160, M0 to M9 3ss                | 4        | 3                             | -4.3               | -4.9               | -5.3               | -5.3               | 1.1                 | 11.0            | 9.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 5                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 2                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 7                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 10.0            | 13.0        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 4                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 11.0            | 12.0        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 2                             | -4.4               | -5.1               | -4.4               |                    | 0.2                 | 11.0            | 10.8        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 8                             | -8.5               | -9.0               | -8.7               | -8.9               | -2.8                | 9.0             | 11.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 5                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 3                             | -5.5               | -6.1               | -5.7               | -6.4               | 0.1                 | 11.0            | 10.9        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 2                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 2                             | -4.4               | -5.1               | -4.4               |                    | 0.2                 | 11.0            | 10.8        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 2                             | -4.3               | -4.9               | -5.3               | -5.3               | 1.1                 | 11.0            | 9.9         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 2                             | 6.6                |                    |                    |                    | 6.6                 | 11.0            | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 5                             | 6.6                | 6.5                |                    |                    | 9.6                 | 11.0            | 1.4         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 7                             | 4.1                | 4.6                | 5.5                |                    | 9.5                 | 10.0            | 0.5         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 8                             | 2.0                | 2.2                | 3.3                | 3.5                | 8.8                 | 9.0             | 0.2         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 5                             | 6.6                | 6.5                |                    |                    | 9.6                 | 11.0            | 1.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 7                             | 4.1                | 4.6                | 5.5                |                    | 9.5                 | 10.0            | 0.5         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 8                             | 2.0                | 2.2                | 3.3                | 3.5                | 8.8                 | 9.0             | 0.2         |
|                 | HT/VHT20, M0 to M7                  | 1        | 2                             | 6.3                |                    |                    |                    | 6.3                 | 11.0            | 4.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 5                             | 6.3                | 6.3                |                    |                    | 9.3                 | 11.0            | 1.7         |





|      |                                   |          |          |            |            |            |            |            |            |            |
|------|-----------------------------------|----------|----------|------------|------------|------------|------------|------------|------------|------------|
|      | HT/VHT20, M8 to M15               | 2        | 2        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20, M0 to M7                | 3        | 7        | 4.2        | 4.1        | 5.8        |            | 9.5        | 10.0       | 0.5        |
|      | HT/VHT20, M8 to M15               | 3        | 4        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20, M16 to M23              | 3        | 2        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | <b>HT/VHT20, M0 to M7</b>         | <b>4</b> | <b>8</b> | <b>2.0</b> | <b>2.2</b> | <b>3.5</b> | <b>3.8</b> | <b>9.0</b> | <b>9.0</b> | <b>0.0</b> |
|      | HT/VHT20, M8 to M15               | 4        | 5        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20, M16 to M23              | 4        | 3        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2        | 5        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2        | 2        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3        | 7        | 4.2        | 4.1        | 5.8        |            | 9.5        | 10.0       | 0.5        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3        | 4        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3        | 2        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4        | 8        | 2.0        | 2.2        | 3.5        | 3.8        | 9.0        | 9.0        | 0.0        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4        | 5        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4        | 3        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20 STBC, M0 to M7           | 2        | 2        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20 STBC, M0 to M7           | 3        | 4        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20 STBC, M0 to M7           | 4        | 5        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
| 5270 | Non HT40, 6 to 54 Mbps            | 1        | 2        | 5.0        |            |            |            | 5.0        | 11.0       | 6.0        |
|      | Non HT40, 6 to 54 Mbps            | 2        | 5        | 5.0        | 4.8        |            |            | 7.9        | 11.0       | 3.1        |
|      | Non HT40, 6 to 54 Mbps            | 3        | 7        | 4.1        | 3.7        | 5.1        |            | 9.1        | 10.0       | 0.9        |
|      | Non HT40, 6 to 54 Mbps            | 4        | 8        | 1.8        | 1.2        | 2.6        | 2.8        | 8.2        | 9.0        | 0.8        |
|      | HT/VHT40, M0 to M7                | 1        | 2        | 4.1        |            |            |            | 4.1        | 11.0       | 6.9        |
|      | HT/VHT40, M0 to M7                | 2        | 5        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40, M8 to M15               | 2        | 2        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40, M0 to M7                | 3        | 7        | 4.1        | 3.2        | 4.2        |            | 8.6        | 10.0       | 1.4        |
|      | HT/VHT40, M8 to M15               | 3        | 4        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40, M16 to M23              | 3        | 2        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40, M0 to M7                | 4        | 8        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 9.0        | 0.1        |
|      | HT/VHT40, M8 to M15               | 4        | 5        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40, M16 to M23              | 4        | 3        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2        | 5        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2        | 2        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3        | 7        | 4.1        | 3.2        | 4.2        |            | 8.6        | 10.0       | 1.4        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3        | 4        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3        | 2        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4        | 8        | 1.3        | 0.8        | 2.7        | 2.3        | 7.9        | 9.0        | 1.1        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4        | 5        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4        | 3        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40 STBC, M0 to M7           | 2        | 2        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |





|      |                                     |   |   |      |      |      |      |      |      |      |
|------|-------------------------------------|---|---|------|------|------|------|------|------|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 4 | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 5 | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 11.0 | 2.1  |
|      |                                     |   |   |      |      |      |      |      |      |      |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 2 | 0.5  |      |      |      | 0.5  | 11.0 | 10.5 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 5 | -0.4 | -1.3 |      |      | 2.2  | 11.0 | 8.8  |
|      | Non HT80, 6 to 54 Mbps              | 3 | 7 | -1.6 | -2.2 | -1.5 |      | 3.0  | 10.0 | 7.0  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 8 | -3.3 | -3.8 | -2.6 | -2.5 | 3.0  | 9.0  | 6.0  |
|      | VHT80, M0 to M9 1ss                 | 1 | 2 | 0.2  |      |      |      | 0.2  | 11.0 | 10.8 |
|      | VHT80, M0 to M9 1ss                 | 2 | 5 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 2ss                 | 2 | 2 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 1ss                 | 3 | 7 | 0.2  | -0.1 | 0.6  |      | 5.0  | 10.0 | 5.0  |
|      | VHT80, M0 to M9 2ss                 | 3 | 4 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 3ss                 | 3 | 2 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 1ss                 | 4 | 8 | 0.2  | -0.1 | 0.6  | 0.5  | 6.3  | 9.0  | 2.7  |
|      | VHT80, M0 to M9 2ss                 | 4 | 5 | 0.2  | -0.1 | 0.6  | 0.5  | 6.3  | 11.0 | 4.7  |
|      | VHT80, M0 to M9 3ss                 | 4 | 3 | 0.2  | -0.1 | 0.6  | 0.5  | 6.3  | 11.0 | 4.7  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 5 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 2 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 7 | -1.9 | -2.7 | -1.6 |      | 2.7  | 10.0 | 7.3  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 4 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 2 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 8 | -5.1 | -5.8 | -5.0 | -4.5 | 0.9  | 9.0  | 8.1  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 5 | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 11.0 | 7.3  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 3 | -0.7 | -1.7 | -0.5 | -0.6 | 5.2  | 11.0 | 5.8  |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 2 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 2 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 2 | 0.2  | -0.1 | 0.6  | 0.5  | 6.3  | 11.0 | 4.7  |
|      |                                     |   |   |      |      |      |      |      |      |      |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5 | 7.0  | 6.8  |      |      | 9.9  | 11.0 | 1.1  |
|      | Non HT20, 6 to 54 Mbps              | 3 | 7 | 4.4  | 4.2  | 5.1  |      | 9.4  | 10.0 | 0.6  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8 | 2.9  | 2.3  | 2.8  | 3.6  | 8.9  | 9.0  | 0.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 7.0  | 6.8  |      |      | 9.9  | 11.0 | 1.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 4.4  | 4.2  | 5.1  |      | 9.4  | 10.0 | 0.6  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 2.9  | 2.3  | 2.8  | 3.6  | 8.9  | 9.0  | 0.1  |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | HT/VHT20, M0 to M7                  | 2 | 5 | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M0 to M7                  | 3 | 7 | 4.7  | 4.1  | 4.9  |      | 9.4  | 10.0 | 0.6  |
|      | HT/VHT20, M8 to M15                 | 3 | 4 | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |
|      | HT/VHT20, M16 to M23                | 3 | 2 | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |



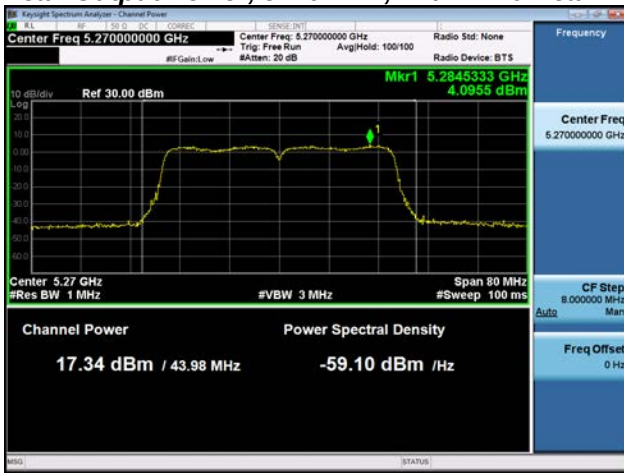
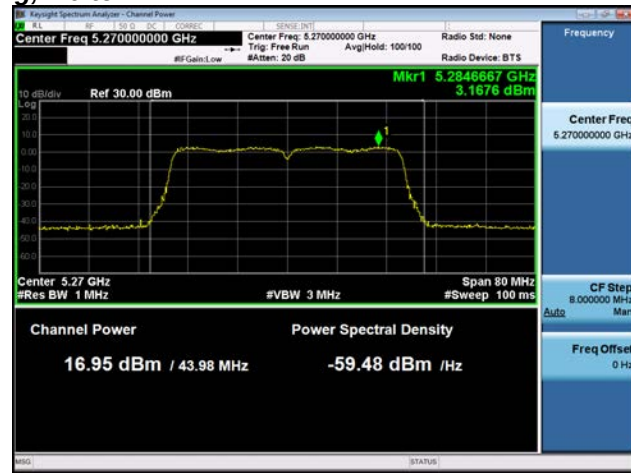
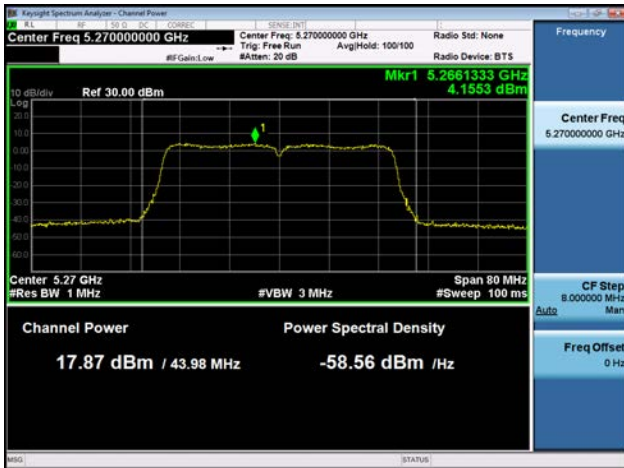
|      |                                     |   |   |     |     |     |     |      |      |     |
|------|-------------------------------------|---|---|-----|-----|-----|-----|------|------|-----|
|      | HT/VHT20, M0 to M7                  | 4 | 8 | 2.5 | 2.1 | 2.8 | 3.8 | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 5 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23                | 4 | 3 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 5 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 2 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 7 | 4.7 | 4.1 | 4.9 |     | 9.4  | 10.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 4 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 2 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 8 | 2.5 | 2.1 | 2.8 | 3.8 | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 5 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 3 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 2 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 4 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 5 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 7.5 |     |     |     | 7.5  | 11.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5 | 7.5 | 6.7 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 7 | 5.1 | 4.8 | 4.2 |     | 9.5  | 10.0 | 0.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8 | 2.2 | 1.7 | 1.2 | 2.4 | 7.9  | 9.0  | 1.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 7.5 | 6.7 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 5.1 | 4.8 | 4.2 |     | 9.5  | 10.0 | 0.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 2.2 | 1.7 | 1.2 | 2.4 | 7.9  | 9.0  | 1.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 7.3 |     |     |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 5 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 7 | 5.5 | 4.4 | 4.8 |     | 9.7  | 10.0 | 0.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 4 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23                | 3 | 2 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 8 | 2.9 | 2.5 | 2.5 | 3.6 | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 5 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20, M16 to M23                | 4 | 3 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 5 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 2 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 7 | 5.5 | 4.4 | 4.8 |     | 9.7  | 10.0 | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 4 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 2 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 8 | 2.9 | 2.5 | 2.5 | 3.6 | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 5 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 3 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 2 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 4 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |

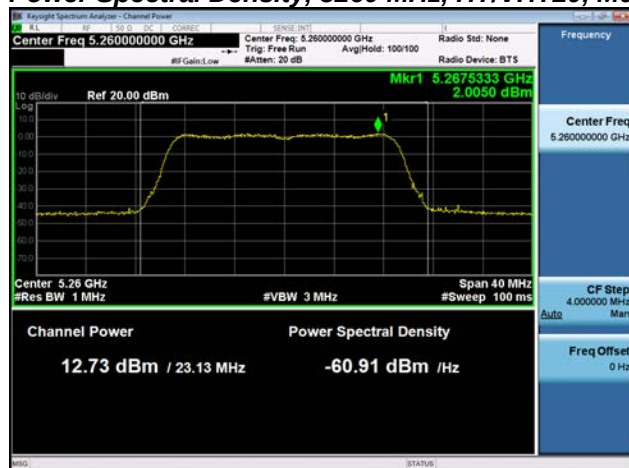
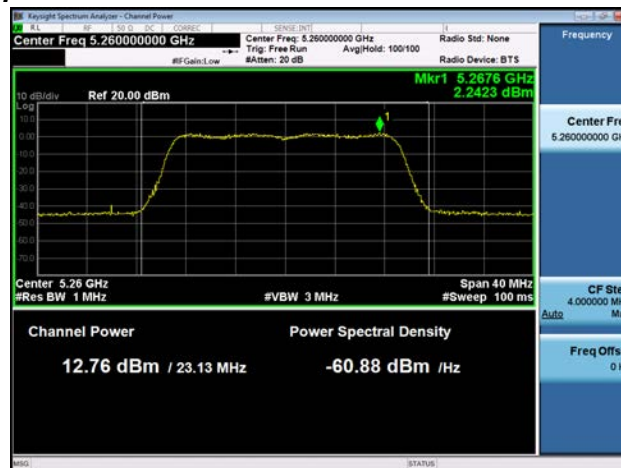
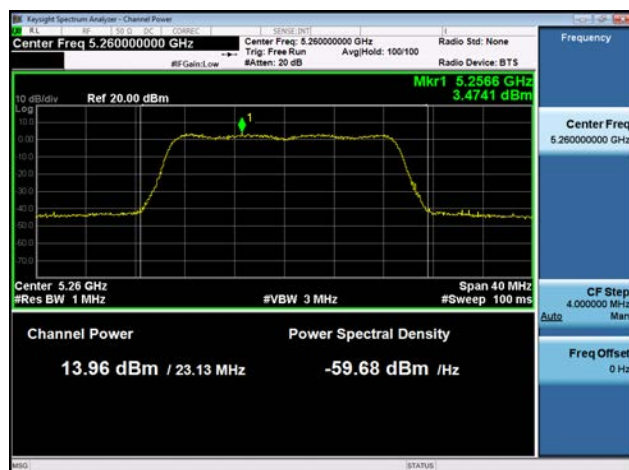
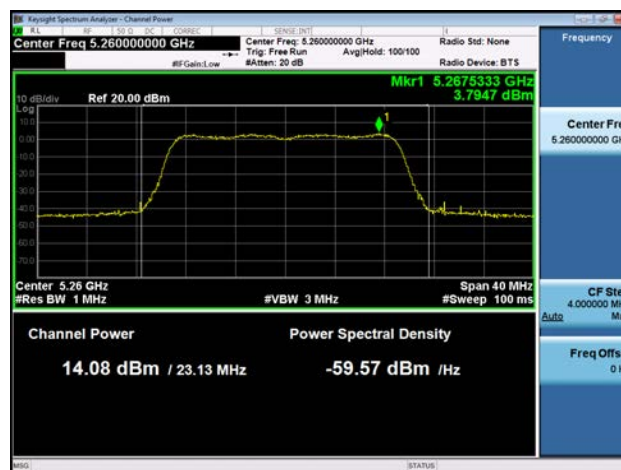


|      |                                     |   |   |     |     |     |     |      |      |     |
|------|-------------------------------------|---|---|-----|-----|-----|-----|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 5 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 2 | 4.3 |     |     |     | 4.3  | 11.0 | 6.7 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 5 | 2.1 | 1.6 |     |     | 4.9  | 11.0 | 6.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 7 | 2.1 | 1.6 | 1.7 |     | 6.6  | 10.0 | 3.4 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 8 | 2.1 | 1.6 | 1.7 | 2.6 | 8.0  | 9.0  | 1.0 |
|      | HT/VHT40, M0 to M7                  | 1 | 2 | 4.2 |     |     |     | 4.2  | 11.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 5 | 4.2 | 3.6 |     |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M8 to M15                 | 2 | 2 | 4.2 | 3.6 |     |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 7 | 4.2 | 3.6 | 3.1 |     | 8.4  | 10.0 | 1.6 |
|      | HT/VHT40, M8 to M15                 | 3 | 4 | 4.2 | 3.6 | 3.1 |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M16 to M23                | 3 | 2 | 4.2 | 3.6 | 3.1 |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 8 | 3.2 | 2.4 | 2.3 | 3.2 | 8.8  | 9.0  | 0.2 |
|      | HT/VHT40, M8 to M15                 | 4 | 5 | 4.2 | 3.6 | 3.1 | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40, M16 to M23                | 4 | 3 | 4.2 | 3.6 | 3.1 | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 5 | 4.2 | 3.6 |     |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 2 | 4.2 | 3.6 |     |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 7 | 3.2 | 2.4 | 2.3 |     | 7.4  | 10.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 4 | 4.2 | 3.6 | 3.1 |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 2 | 4.2 | 3.6 | 3.1 |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 8 | 2.0 | 1.4 | 0.0 | 0.9 | 7.2  | 9.0  | 1.8 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 5 | 3.2 | 2.4 | 2.3 | 3.2 | 8.8  | 11.0 | 2.2 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 3 | 4.2 | 3.6 | 3.1 | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 2 | 4.2 | 3.6 |     |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 4 | 4.2 | 3.6 | 3.1 |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 5 | 4.2 | 3.6 | 3.1 | 4.4 | 9.9  | 11.0 | 1.1 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 2 | 7.3 |     |     |     | 7.3  | 11.0 | 3.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 7 | 4.9 | 4.6 | 3.9 |     | 9.3  | 10.0 | 0.7 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8 | 3.3 | 2.5 | 1.8 | 2.8 | 8.7  | 9.0  | 0.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 5 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 7 | 4.9 | 4.6 | 3.9 |     | 9.3  | 10.0 | 0.7 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 8 | 3.3 | 2.5 | 1.8 | 2.8 | 8.7  | 9.0  | 0.3 |
|      | HT/VHT20, M0 to M7                  | 1 | 2 | 7.3 |     |     |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 5 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M8 to M15                 | 2 | 2 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 7 | 4.9 | 4.5 | 4.2 |     | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20, M8 to M15                 | 3 | 4 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M16 to M23                | 3 | 2 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 4 | 8 | 3.6 | 3.4 | 1.6 | 2.7 | 8.9  | 9.0  | 0.1 |



|                                   |   |   |     |     |     |     |      |      |     |
|-----------------------------------|---|---|-----|-----|-----|-----|------|------|-----|
| HT/VHT20, M8 to M15               | 4 | 5 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20, M16 to M23              | 4 | 3 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 5 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 2 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 7 | 4.9 | 4.5 | 4.2 |     | 9.3  | 10.0 | 0.7 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 4 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 2 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 8 | 3.6 | 3.4 | 1.6 | 2.7 | 8.9  | 9.0  | 0.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 5 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 3 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 STBC, M0 to M7           | 2 | 2 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 4 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 STBC, M0 to M7           | 4 | 5 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |

**Peak Output Power, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7****Antenna A****Antenna B****Antenna C**

**Power Spectral Density, 5260 MHz, HT/VHT20, M0 to M7****Antenna A****Antenna B****Antenna C****Antenna D**



## Antenna Gain : 3 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 3                             | 12.7                 |                      |                      |                      | 12.7                         | 24.0        | 11.3        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 3                             | 10.7                 | 10.2                 |                      |                      | 13.5                         | 24.0        | 10.5        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 3                             | 10.7                 | 10.2                 | 10.6                 |                      | 15.3                         | 24.0        | 8.7         |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 3                             | 9.7                  | 9.2                  | 9.4                  | 9.4                  | 15.4                         | 24.0        | 8.6         |
|                 | VHT160, M0 to M9 1ss                | 1        | 3                             | 17.7                 |                      |                      |                      | 17.7                         | 24.0        | 6.3         |
|                 | VHT160, M0 to M9 1ss                | 2        | 3                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160, M0 to M9 2ss                | 2        | 3                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160, M0 to M9 1ss                | 3        | 3                             | 15.3                 | 14.8                 | 14.2                 |                      | 19.6                         | 24.0        | 4.4         |
|                 | VHT160, M0 to M9 2ss                | 3        | 3                             | 15.3                 | 14.8                 | 14.2                 |                      | 19.6                         | 24.0        | 4.4         |
|                 | VHT160, M0 to M9 3ss                | 3        | 3                             | 15.3                 | 14.8                 | 14.2                 |                      | 19.6                         | 24.0        | 4.4         |
|                 | VHT160, M0 to M9 1ss                | 4        | 3                             | 14.2                 | 13.7                 | 14.2                 | 14.0                 | 20.1                         | 24.0        | 3.9         |
|                 | VHT160, M0 to M9 2ss                | 4        | 3                             | 14.2                 | 13.7                 | 14.2                 | 14.0                 | 20.1                         | 24.0        | 3.9         |
|                 | VHT160, M0 to M9 3ss                | 4        | 3                             | 14.2                 | 13.7                 | 14.2                 | 14.0                 | 20.1                         | 24.0        | 3.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 6                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 24.0        | 7.0         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 3                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 3                             | 15.3                 | 14.8                 | 14.2                 |                      | 19.6                         | 24.0        | 4.4         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 9                             | 10.4                 | 9.9                  | 10.1                 | 10.1                 | 16.1                         | 21.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 6                             | 12.3                 | 11.8                 | 12.1                 | 12.0                 | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 4                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 3                             | 16.6                 | 15.9                 |                      |                      | 19.3                         | 24.0        | 4.7         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 3                             | 15.3                 | 14.8                 | 14.2                 |                      | 19.6                         | 24.0        | 4.4         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 3                             | 14.2                 | 13.7                 | 14.2                 | 14.0                 | 20.1                         | 24.0        | 3.9         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 3                             | 17.1                 |                      |                      |                      | 17.1                         | 23.5        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 3                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 23.4        | 3.3         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 3                             | 13.6                 | 13.6                 | 13.8                 |                      | 18.4                         | 23.4        | 5.0         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 3                             | 11.6                 | 11.7                 | 12.8                 | 12.9                 | 18.3                         | 23.2        | 4.9         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 6                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 23.4        | 3.3         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 8                             | 13.6                 | 13.6                 | 13.8                 |                      | 18.4                         | 21.4        | 3.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 9                             | 11.6                 | 11.7                 | 12.8                 | 12.9                 | 18.3                         | 20.2        | 1.9         |
|                 | HT/VHT20, M0 to M7                  | 1        | 3                             | 17.2                 |                      |                      |                      | 17.2                         | 24.0        | 6.8         |



|      |                                        |          |          |             |             |             |      |             |             |            |
|------|----------------------------------------|----------|----------|-------------|-------------|-------------|------|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                     | 2        | 3        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M8 to M15                    | 2        | 3        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M0 to M7                     | 3        | 3        | 14.8        | 14.8        | 15.3        |      | 19.7        | 23.4        | 3.7        |
|      | HT/VHT20, M8 to M15                    | 3        | 3        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M16 to M23                   | 3        | 3        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M0 to M7                     | 4        | 3        | 11.8        | 11.8        | 13.0        | 13.0 | 18.5        | 23.4        | 4.9        |
|      | HT/VHT20, M8 to M15                    | 4        | 3        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20, M16 to M23                   | 4        | 3        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 2        | 6        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 2        | 3        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 3        | 8        | 14.8        | 14.8        | 15.3        |      | 19.7        | 21.4        | 1.7        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 3        | 5        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 3        | 3        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 4        | 9        | 11.8        | 11.8        | 13.0        | 13.0 | 18.5        | 20.4        | 1.9        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 4        | 6        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 4        | 4        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 STBC, M0 to M7                | 2        | 3        | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 STBC, M0 to M7                | 3        | 3        | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 STBC, M0 to M7                | 4        | 3        | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
| 5270 | Non HT40, 6 to 54 Mbps                 | 1        | 3        | 18.5        |             |             |      | 18.5        | 24.0        | 5.5        |
|      | Non HT40, 6 to 54 Mbps                 | 2        | 3        | 18.5        | 18.3        |             |      | 21.4        | 24.0        | 2.6        |
|      | Non HT40, 6 to 54 Mbps                 | 3        | 3        | 16.2        | 15.9        | 17.1        |      | 21.2        | 23.2        | 2.0        |
|      | Non HT40, 6 to 54 Mbps                 | 4        | 3        | 13.8        | 13.6        | 14.8        | 14.9 | 20.3        | 24.0        | 3.7        |
|      | HT/VHT40, M0 to M7                     | 1        | 3        | 17.3        |             |             |      | 17.3        | 24.0        | 6.7        |
|      | HT/VHT40, M0 to M7                     | 2        | 3        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M8 to M15                    | 2        | 3        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M0 to M7                     | 3        | 3        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M8 to M15                    | 3        | 3        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M16 to M23                   | 3        | 3        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M0 to M7                     | 4        | 3        | 15.0        | 14.6        | 15.9        | 16.0 | 21.4        | 24.0        | 2.6        |
|      | HT/VHT40, M8 to M15                    | 4        | 3        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40, M16 to M23                   | 4        | 3        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 2        | 6        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 2        | 3        | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | <b>HT/VHT40 Beam Forming, M0 to M7</b> | <b>3</b> | <b>8</b> | <b>16.2</b> | <b>15.8</b> | <b>16.9</b> |      | <b>21.1</b> | <b>21.2</b> | <b>0.1</b> |
|      | HT/VHT40 Beam Forming, M8 to M15       | 3        | 5        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 3        | 3        | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 4        | 9        | 13.6        | 13.5        | 13.5        | 14.8 | 19.9        | 20.2        | 0.3        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 4        | 6        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 4        | 4        | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |





|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 3 | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 3 | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 3 | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 3 | 17.1 |      |      |      | 17.1 | 24.0 | 6.9 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 3 | 16.0 | 15.4 |      |      | 18.7 | 24.0 | 5.3 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 3 | 13.5 | 12.9 | 13.9 |      | 18.2 | 24.0 | 5.8 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 3 | 13.5 | 12.9 | 13.9 | 14.4 | 19.7 | 24.0 | 4.3 |
|      | VHT80, M0 to M9 1ss                 | 1 | 3 | 17.5 |      |      |      | 17.5 | 24.0 | 6.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 3 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 2 | 3 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 3 | 3 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 2ss                 | 3 | 3 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 3ss                 | 3 | 3 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 1ss                 | 4 | 3 | 16.4 | 15.8 | 16.3 | 16.7 | 22.3 | 24.0 | 1.7 |
|      | VHT80, M0 to M9 2ss                 | 4 | 3 | 16.4 | 15.8 | 16.3 | 16.7 | 22.3 | 24.0 | 1.7 |
|      | VHT80, M0 to M9 3ss                 | 4 | 3 | 16.4 | 15.8 | 16.3 | 16.7 | 22.3 | 24.0 | 1.7 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 6 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 3 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 8 | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 5 | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 3 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 9 | 11.1 | 10.7 | 10.9 | 11.4 | 17.1 | 21.0 | 3.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 6 | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 4 | 15.2 | 14.6 | 15.1 | 15.7 | 21.2 | 24.0 | 2.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 3 | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 3 | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 3 | 16.4 | 15.8 | 16.3 | 16.7 | 22.3 | 24.0 | 1.7 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 17.5 |      |      |      | 17.5 | 23.6 | 6.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 3 | 17.5 | 17.1 |      |      | 20.3 | 23.6 | 3.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 3 | 14.0 | 13.8 | 13.2 |      | 18.5 | 23.6 | 5.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 3 | 12.1 | 11.8 | 12.3 | 13.1 | 18.4 | 23.6 | 5.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 17.5 | 17.1 |      |      | 20.3 | 23.6 | 3.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 14.0 | 13.8 | 13.2 |      | 18.5 | 21.6 | 3.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 12.1 | 11.8 | 12.3 | 13.1 | 18.4 | 20.6 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 17.7 |      |      |      | 17.7 | 23.6 | 5.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 3 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 3 | 14.1 | 13.9 | 13.3 |      | 18.6 | 23.6 | 5.0 |
|      | HT/VHT20, M8 to M15                 | 3 | 3 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |



|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 3 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 4 | 3 | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 23.6 | 5.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 3 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20, M16 to M23                | 4 | 3 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 6 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 3 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 8 | 14.1 | 13.9 | 13.3 |      | 18.6 | 21.6 | 3.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 5 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 3 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 9 | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 20.6 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 6 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 4 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 3 | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 3 | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 3 | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 3 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 3 | 14.5 | 14.0 | 12.6 |      | 18.5 | 23.4 | 4.9 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 3 | 12.6 | 12.1 | 11.7 | 13.0 | 18.4 | 24.0 | 5.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 14.5 | 14.0 | 12.6 |      | 18.5 | 21.4 | 2.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 12.6 | 12.1 | 11.7 | 13.0 | 18.4 | 21.0 | 2.6 |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 18.2 |      |      |      | 18.2 | 24.0 | 5.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 3 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 3 | 14.7 | 14.3 | 12.8 |      | 18.8 | 23.1 | 4.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 3 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M16 to M23                | 3 | 3 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 3 | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 23.4 | 4.8 |
|      | HT/VHT20, M8 to M15                 | 4 | 3 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20, M16 to M23                | 4 | 3 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 6 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 3 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 8 | 14.7 | 14.3 | 12.8 |      | 18.8 | 21.1 | 2.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 5 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 3 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 9 | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 20.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 6 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 4 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 3 | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |



|      |                                     |   |   |      |      |      |      |      |      |     |
|------|-------------------------------------|---|---|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 3 | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 3 | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 3 | 15.7 |      |      |      | 15.7 | 24.0 | 8.3 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 3 | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 3 | 15.7 | 15.1 | 14.9 |      | 20.0 | 24.0 | 4.0 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 3 | 14.5 | 14.0 | 13.7 | 14.6 | 20.2 | 24.0 | 3.8 |
|      | HT/VHT40, M0 to M7                  | 1 | 3 | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | HT/VHT40, M0 to M7                  | 2 | 3 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M8 to M15                 | 2 | 3 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M0 to M7                  | 3 | 3 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M8 to M15                 | 3 | 3 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M16 to M23                | 3 | 3 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M0 to M7                  | 4 | 3 | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
|      | HT/VHT40, M8 to M15                 | 4 | 3 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40, M16 to M23                | 4 | 3 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 6 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 3 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 8 | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 5 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 3 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 9 | 14.4 | 14.0 | 12.4 | 14.6 | 20.0 | 21.0 | 1.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 6 | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 4 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 3 | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 3 | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 3 | 18.0 | 17.4 | 16.8 | 17.9 | 23.6 | 24.0 | 0.4 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 17.8 |      |      |      | 17.8 | 23.6 | 5.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 3 | 17.8 | 17.4 |      |      | 20.6 | 23.6 | 3.0 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 3 | 15.4 | 15.1 | 13.4 |      | 19.5 | 23.5 | 4.0 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 3 | 12.5 | 12.2 | 11.2 | 12.4 | 18.1 | 23.6 | 5.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 17.8 | 17.4 |      |      | 20.6 | 23.6 | 3.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 15.4 | 15.1 | 13.4 |      | 19.5 | 21.5 | 2.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 12.5 | 12.2 | 11.2 | 12.4 | 18.1 | 20.6 | 2.5 |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 18.0 |      |      |      | 18.0 | 23.6 | 5.6 |
|      | HT/VHT20, M0 to M7                  | 2 | 3 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 3 | 14.6 | 14.3 | 12.2 |      | 18.6 | 23.6 | 5.0 |
|      | HT/VHT20, M8 to M15                 | 3 | 3 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
|      | HT/VHT20, M16 to M23                | 3 | 3 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |



|                                   |   |   |      |      |      |      |      |      |     |
|-----------------------------------|---|---|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 3 | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 23.6 | 5.3 |
| HT/VHT20, M8 to M15               | 4 | 3 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20, M16 to M23              | 4 | 3 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 6 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 3 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 8 | 14.6 | 14.3 | 12.2 |      | 18.6 | 21.6 | 3.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 5 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 3 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 9 | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 20.6 | 2.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 6 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 4 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 STBC, M0 to M7           | 2 | 3 | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 3 | 3 | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 STBC, M0 to M7           | 4 | 3 | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |



| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 3                             | -6.6               |                    |                    |                    | -6.6                | 11.0            | 17.6        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 6                             | -8.4               | -8.9               |                    |                    | -5.6                | 11.0            | 16.6        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 8                             | -8.4               | -8.9               | -9.0               |                    | -4.0                | 9.0             | 13.0        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 9                             | -9.1               | -9.9               | -9.9               | -10.4              | -3.8                | 8.0             | 11.8        |
|                 | VHT160, M0 to M9 1ss                | 1        | 3                             | -2.0               |                    |                    |                    | -2.0                | 11.0            | 13.0        |
|                 | VHT160, M0 to M9 1ss                | 2        | 6                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160, M0 to M9 2ss                | 2        | 3                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160, M0 to M9 1ss                | 3        | 8                             | -4.3               | -4.9               | -5.3               |                    | 0.0                 | 9.0             | 9.0         |
|                 | VHT160, M0 to M9 2ss                | 3        | 5                             | -4.3               | -4.9               | -5.3               |                    | 0.0                 | 11.0            | 11.0        |
|                 | VHT160, M0 to M9 3ss                | 3        | 3                             | -4.3               | -4.9               | -5.3               |                    | 0.0                 | 11.0            | 11.0        |
|                 | VHT160, M0 to M9 1ss                | 4        | 9                             | -5.5               | -6.1               | -5.7               | -6.4               | 0.1                 | 8.0             | 7.9         |
|                 | VHT160, M0 to M9 2ss                | 4        | 6                             | -5.5               | -6.1               | -5.7               | -6.4               | 0.1                 | 11.0            | 10.9        |
|                 | VHT160, M0 to M9 3ss                | 4        | 4                             | -5.5               | -6.1               | -5.7               | -6.4               | 0.1                 | 11.0            | 10.9        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 6                             | -5.5               | -6.1               |                    |                    | -2.8                | 11.0            | 13.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 3                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 8                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 9.0             | 12.0        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 5                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 3                             | -4.3               | -4.9               | -5.3               |                    | 0.0                 | 11.0            | 11.0        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 9                             | -9.4               | -9.8               | -9.6               | -10.4              | -3.8                | 8.0             | 11.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 6                             | -7.6               | -7.9               | -7.7               | -8.3               | -1.8                | 11.0            | 12.8        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 4                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 3                             | -2.9               | -4.0               |                    |                    | -0.4                | 11.0            | 11.4        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 3                             | -4.3               | -4.9               | -5.3               |                    | 0.0                 | 11.0            | 11.0        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 3                             | -5.5               | -6.1               | -5.7               | -6.4               | 0.1                 | 11.0            | 10.9        |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 3                             | 6.6                |                    |                    |                    | 6.6                 | 11.0            | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 6                             | 6.6                | 6.5                |                    |                    | 9.6                 | 11.0            | 1.4         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 8                             | 3.1                | 3.0                | 3.5                |                    | 8.0                 | 9.0             | 1.0         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 9                             | 1.1                | 1.0                | 2.4                | 2.2                | 7.7                 | 8.0             | 0.3         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 6                             | 6.6                | 6.5                |                    |                    | 9.6                 | 11.0            | 1.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 8                             | 3.1                | 3.0                | 3.5                |                    | 8.0                 | 9.0             | 1.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 9                             | 1.1                | 1.0                | 2.4                | 2.2                | 7.7                 | 8.0             | 0.3         |
|                 | HT/VHT20, M0 to M7                  | 1        | 3                             | 6.3                |                    |                    |                    | 6.3                 | 11.0            | 4.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 6                             | 6.3                | 6.3                |                    |                    | 9.3                 | 11.0            | 1.7         |



|      |                                   |          |          |            |            |            |            |             |             |            |
|------|-----------------------------------|----------|----------|------------|------------|------------|------------|-------------|-------------|------------|
|      | HT/VHT20, M8 to M15               | 2        | 3        | 6.3        | 6.3        |            |            | 9.3         | 11.0        | 1.7        |
|      | HT/VHT20, M0 to M7                | 3        | 8        | 4.0        | 3.9        | 4.3        |            | 8.8         | 9.0         | 0.2        |
|      | HT/VHT20, M8 to M15               | 3        | 5        | 5.3        | 5.4        | 7.1        |            | 10.8        | 11.0        | 0.2        |
|      | HT/VHT20, M16 to M23              | 3        | 3        | 5.3        | 5.4        | 7.1        |            | 10.8        | 11.0        | 0.2        |
|      | HT/VHT20, M0 to M7                | 4        | 9        | 0.8        | 1.3        | 2.0        | 2.2        | 7.6         | 8.0         | 0.4        |
|      | <b>HT/VHT20, M8 to M15</b>        | <b>4</b> | <b>6</b> | <b>4.2</b> | <b>4.1</b> | <b>5.8</b> | <b>5.4</b> | <b>11.0</b> | <b>11.0</b> | <b>0.0</b> |
|      | HT/VHT20, M16 to M23              | 4        | 4        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0        | 11.0        | 0.0        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2        | 6        | 6.3        | 6.3        |            |            | 9.3         | 11.0        | 1.7        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2        | 3        | 6.3        | 6.3        |            |            | 9.3         | 11.0        | 1.7        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3        | 8        | 4.0        | 3.9        | 4.3        |            | 8.8         | 9.0         | 0.2        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3        | 5        | 5.3        | 5.4        | 7.1        |            | 10.8        | 11.0        | 0.2        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3        | 3        | 5.3        | 5.4        | 7.1        |            | 10.8        | 11.0        | 0.2        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4        | 9        | 0.8        | 1.3        | 2.0        | 2.2        | 7.6         | 8.0         | 0.4        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4        | 6        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0        | 11.0        | 0.0        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4        | 4        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0        | 11.0        | 0.0        |
|      | HT/VHT20 STBC, M0 to M7           | 2        | 3        | 6.3        | 6.3        |            |            | 9.3         | 11.0        | 1.7        |
|      | HT/VHT20 STBC, M0 to M7           | 3        | 5        | 5.3        | 5.4        | 7.1        |            | 10.8        | 11.0        | 0.2        |
|      | HT/VHT20 STBC, M0 to M7           | 4        | 6        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0        | 11.0        | 0.0        |
| 5270 | Non HT40, 6 to 54 Mbps            | 1        | 3        | 5.0        |            |            |            | 5.0         | 11.0        | 6.0        |
|      | Non HT40, 6 to 54 Mbps            | 2        | 6        | 5.0        | 4.8        |            |            | 7.9         | 11.0        | 3.1        |
|      | Non HT40, 6 to 54 Mbps            | 3        | 8        | 3.0        | 2.2        | 3.9        |            | 7.9         | 9.0         | 1.1        |
|      | Non HT40, 6 to 54 Mbps            | 4        | 9        | 0.7        | 0.4        | 1.3        | 1.5        | 7.0         | 8.0         | 1.0        |
|      | HT/VHT40, M0 to M7                | 1        | 3        | 4.1        |            |            |            | 4.1         | 11.0        | 6.9        |
|      | HT/VHT40, M0 to M7                | 2        | 6        | 4.1        | 3.2        |            |            | 6.7         | 11.0        | 4.3        |
|      | HT/VHT40, M8 to M15               | 2        | 3        | 4.1        | 3.2        |            |            | 6.7         | 11.0        | 4.3        |
|      | HT/VHT40, M0 to M7                | 3        | 8        | 4.1        | 3.2        | 4.2        |            | 8.6         | 9.0         | 0.4        |
|      | HT/VHT40, M8 to M15               | 3        | 5        | 4.1        | 3.2        | 4.2        |            | 8.6         | 11.0        | 2.4        |
|      | HT/VHT40, M16 to M23              | 3        | 3        | 4.1        | 3.2        | 4.2        |            | 8.6         | 11.0        | 2.4        |
|      | HT/VHT40, M0 to M7                | 4        | 9        | 1.3        | 0.8        | 2.7        | 2.3        | 7.9         | 8.0         | 0.1        |
|      | HT/VHT40, M8 to M15               | 4        | 6        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9         | 11.0        | 2.1        |
|      | HT/VHT40, M16 to M23              | 4        | 4        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9         | 11.0        | 2.1        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2        | 6        | 4.1        | 3.2        |            |            | 6.7         | 11.0        | 4.3        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2        | 3        | 4.1        | 3.2        |            |            | 6.7         | 11.0        | 4.3        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3        | 8        | 2.7        | 2.0        | 3.4        |            | 7.5         | 9.0         | 1.5        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3        | 5        | 4.1        | 3.2        | 4.2        |            | 8.6         | 11.0        | 2.4        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3        | 3        | 4.1        | 3.2        | 4.2        |            | 8.6         | 11.0        | 2.4        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4        | 9        | -0.2       | -0.5       | -0.4       | 1.0        | 6.0         | 8.0         | 2.0        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4        | 6        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9         | 11.0        | 2.1        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4        | 4        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9         | 11.0        | 2.1        |
|      | HT/VHT40 STBC, M0 to M7           | 2        | 3        | 4.1        | 3.2        |            |            | 6.7         | 11.0        | 4.3        |



|      |                                     |   |   |      |      |      |      |      |      |      |
|------|-------------------------------------|---|---|------|------|------|------|------|------|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 5 | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 6 | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 11.0 | 2.1  |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 3 | 0.5  |      |      |      | 0.5  | 11.0 | 10.5 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 6 | -0.4 | -1.3 |      |      | 2.2  | 11.0 | 8.8  |
|      | Non HT80, 6 to 54 Mbps              | 3 | 8 | -3.3 | -3.8 | -2.6 |      | 1.6  | 9.0  | 7.4  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 9 | -3.3 | -3.8 | -2.6 | -2.5 | 3.0  | 8.0  | 5.0  |
|      | VHT80, M0 to M9 1ss                 | 1 | 3 | 0.2  |      |      |      | 0.2  | 11.0 | 10.8 |
|      | VHT80, M0 to M9 1ss                 | 2 | 6 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 2ss                 | 2 | 3 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 1ss                 | 3 | 8 | 0.2  | -0.1 | 0.6  |      | 5.0  | 9.0  | 4.0  |
|      | VHT80, M0 to M9 2ss                 | 3 | 5 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 3ss                 | 3 | 3 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 1ss                 | 4 | 9 | -0.7 | -1.7 | -0.5 | -0.6 | 5.2  | 8.0  | 2.8  |
|      | VHT80, M0 to M9 2ss                 | 4 | 6 | -0.7 | -1.7 | -0.5 | -0.6 | 5.2  | 11.0 | 5.8  |
|      | VHT80, M0 to M9 3ss                 | 4 | 4 | -0.7 | -1.7 | -0.5 | -0.6 | 5.2  | 11.0 | 5.8  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 6 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 3 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 8 | -3.3 | -3.7 | -4.2 |      | 1.1  | 9.0  | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 5 | -0.7 | -1.7 | -0.5 |      | 3.8  | 11.0 | 7.2  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 3 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 9 | -5.9 | -6.5 | -6.1 | -6.1 | -0.1 | 8.0  | 8.1  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 6 | -3.3 | -3.7 | -4.2 | -2.7 | 2.6  | 11.0 | 8.4  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 4 | -1.9 | -2.7 | -1.6 | -1.7 | 4.1  | 11.0 | 6.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 3 | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 3 | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 3 | -0.7 | -1.7 | -0.5 | -0.6 | 5.2  | 11.0 | 5.8  |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6 | 7.0  | 6.8  |      |      | 9.9  | 11.0 | 1.1  |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8 | 3.4  | 3.4  | 2.4  |      | 7.9  | 9.0  | 1.1  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 9 | 1.8  | 1.1  | 1.9  | 2.7  | 7.9  | 8.0  | 0.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 7.0  | 6.8  |      |      | 9.9  | 11.0 | 1.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 3.4  | 3.4  | 2.4  |      | 7.9  | 9.0  | 1.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 1.8  | 1.1  | 1.9  | 2.7  | 7.9  | 8.0  | 0.1  |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | HT/VHT20, M0 to M7                  | 2 | 6 | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M0 to M7                  | 3 | 8 | 3.3  | 3.0  | 2.4  |      | 7.7  | 9.0  | 1.3  |
|      | HT/VHT20, M8 to M15                 | 3 | 5 | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |
|      | HT/VHT20, M16 to M23                | 3 | 3 | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |





|      |                                     |   |   |     |     |     |     |      |      |     |
|------|-------------------------------------|---|---|-----|-----|-----|-----|------|------|-----|
|      | HT/VHT20, M0 to M7                  | 4 | 9 | 1.4 | 1.0 | 1.8 | 2.5 | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20, M8 to M15                 | 4 | 6 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23                | 4 | 4 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 6 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 3 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 8 | 3.3 | 3.0 | 2.4 |     | 7.7  | 9.0  | 1.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 5 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 3 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 9 | 1.4 | 1.0 | 1.8 | 2.5 | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 6 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 4 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 3 | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 5 | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 6 | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 7.5 |     |     |     | 7.5  | 11.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6 | 7.5 | 6.7 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8 | 4.0 | 3.5 | 2.0 |     | 8.0  | 9.0  | 1.0 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 9 | 2.2 | 1.7 | 1.2 | 2.4 | 7.9  | 8.0  | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 7.5 | 6.7 |     |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 4.0 | 3.5 | 2.0 |     | 8.0  | 9.0  | 1.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 2.2 | 1.7 | 1.2 | 2.4 | 7.9  | 8.0  | 0.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 7.3 |     |     |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 6 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 8 | 4.0 | 3.5 | 2.1 |     | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20, M8 to M15                 | 3 | 5 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23                | 3 | 3 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 9 | 2.2 | 1.5 | 1.2 | 2.2 | 7.8  | 8.0  | 0.2 |
|      | HT/VHT20, M8 to M15                 | 4 | 6 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20, M16 to M23                | 4 | 4 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 6 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 3 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 8 | 4.0 | 3.5 | 2.1 |     | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 5 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 3 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 9 | 2.2 | 1.5 | 1.2 | 2.2 | 7.8  | 8.0  | 0.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 6 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 4 | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 3 | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 5 | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |

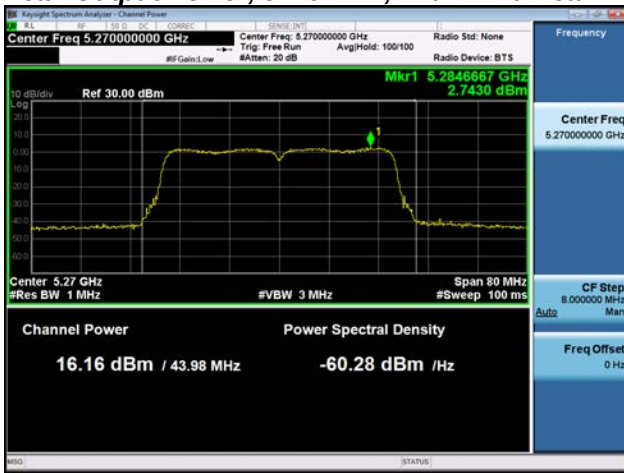
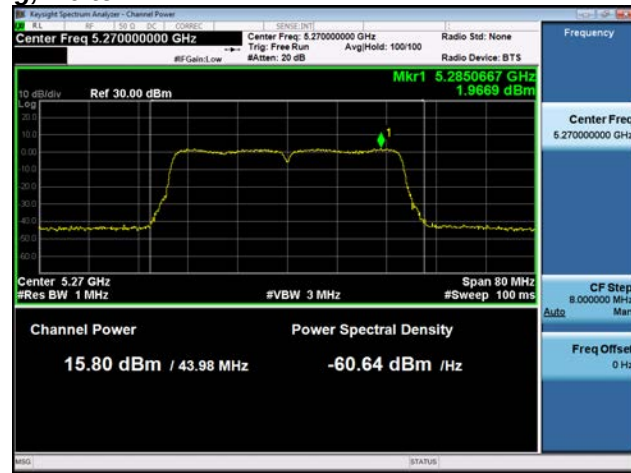
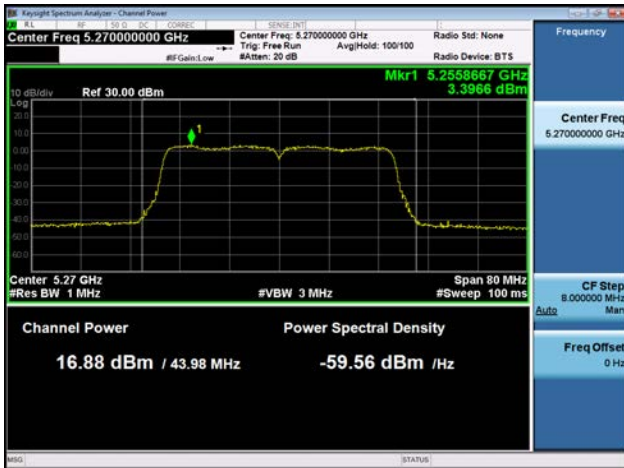


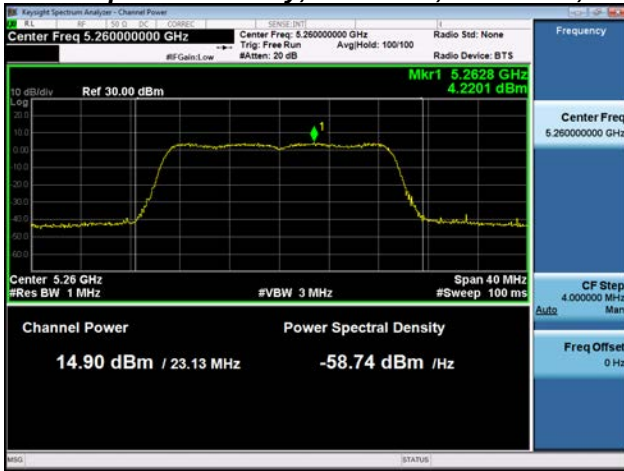
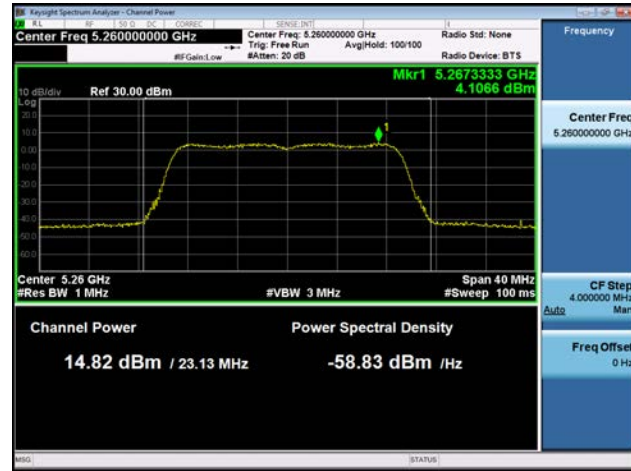
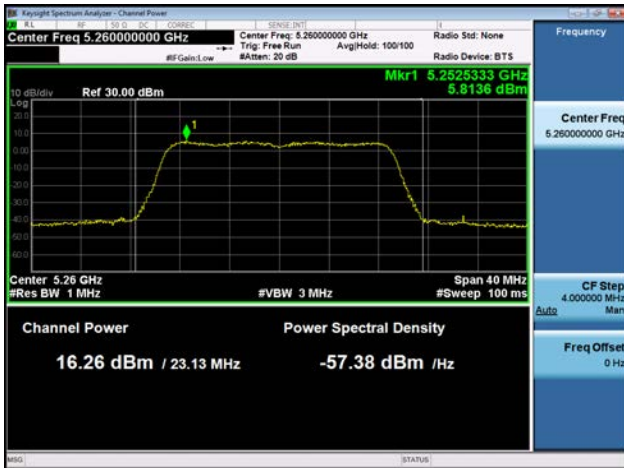
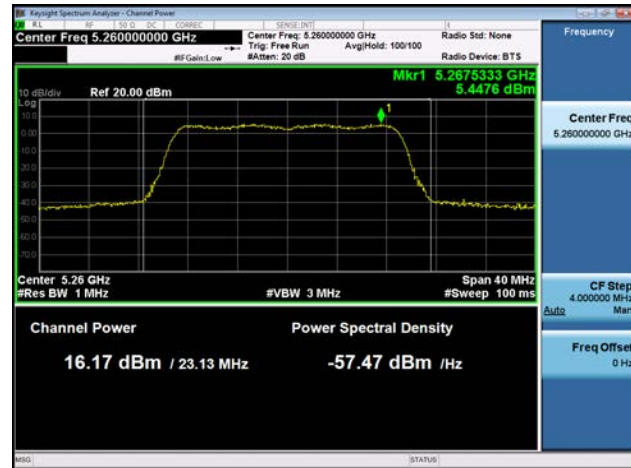


|      |                                     |   |   |     |     |      |     |      |      |     |
|------|-------------------------------------|---|---|-----|-----|------|-----|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 6 | 5.4 | 4.4 | 3.3  | 4.4 | 10.5 | 11.0 | 0.5 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 3 | 2.1 |     |      |     | 2.1  | 11.0 | 8.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 6 | 2.1 | 1.6 |      |     | 4.9  | 11.0 | 6.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 8 | 2.1 | 1.6 | 1.7  |     | 6.6  | 9.0  | 2.4 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 9 | 1.1 | 0.7 | 0.3  | 1.2 | 6.9  | 8.0  | 1.1 |
|      | HT/VHT40, M0 to M7                  | 1 | 3 | 4.2 |     |      |     | 4.2  | 11.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 6 | 4.2 | 3.6 |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M8 to M15                 | 2 | 3 | 4.2 | 3.6 |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 8 | 4.2 | 3.6 | 3.1  |     | 8.4  | 9.0  | 0.6 |
|      | HT/VHT40, M8 to M15                 | 3 | 5 | 4.2 | 3.6 | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M16 to M23                | 3 | 3 | 4.2 | 3.6 | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 9 | 1.7 | 1.5 | 1.7  | 2.2 | 7.8  | 8.0  | 0.2 |
|      | HT/VHT40, M8 to M15                 | 4 | 6 | 4.2 | 3.6 | 3.1  | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40, M16 to M23                | 4 | 4 | 4.2 | 3.6 | 3.1  | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 6 | 4.2 | 3.6 |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 3 | 4.2 | 3.6 |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 8 | 1.7 | 1.5 | 1.7  |     | 6.4  | 9.0  | 2.6 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 5 | 4.2 | 3.6 | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 3 | 4.2 | 3.6 | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 9 | 0.5 | 0.2 | -1.1 | 1.2 | 6.3  | 8.0  | 1.7 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 6 | 1.7 | 1.5 | 1.7  | 2.2 | 7.8  | 11.0 | 3.2 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 4 | 4.2 | 3.6 | 3.1  | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 3 | 4.2 | 3.6 |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 5 | 4.2 | 3.6 | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 6 | 4.2 | 3.6 | 3.1  | 4.4 | 9.9  | 11.0 | 1.1 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 3 | 7.3 |     |      |     | 7.3  | 11.0 | 3.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6 | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8 | 4.7 | 4.6 | 2.9  |     | 8.9  | 9.0  | 0.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 9 | 2.1 | 1.6 | 0.5  | 1.9 | 7.6  | 8.0  | 0.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 6 | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 8 | 4.7 | 4.6 | 2.9  |     | 8.9  | 9.0  | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 9 | 2.1 | 1.6 | 0.5  | 1.9 | 7.6  | 8.0  | 0.4 |
|      | HT/VHT20, M0 to M7                  | 1 | 3 | 7.3 |     |      |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 6 | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M8 to M15                 | 2 | 3 | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 8 | 3.6 | 3.4 | 1.6  |     | 7.7  | 9.0  | 1.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 5 | 5.9 | 5.8 | 4.8  |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M16 to M23                | 3 | 3 | 5.9 | 5.8 | 4.8  |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 4 | 9 | 1.9 | 2.0 | 0.8  | 1.7 | 7.6  | 8.0  | 0.4 |



|                                   |   |   |     |     |     |     |      |      |     |
|-----------------------------------|---|---|-----|-----|-----|-----|------|------|-----|
| HT/VHT20, M8 to M15               | 4 | 6 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20, M16 to M23              | 4 | 4 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 6 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 3 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 8 | 3.6 | 3.4 | 1.6 |     | 7.7  | 9.0  | 1.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 5 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 3 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 9 | 1.9 | 2.0 | 0.8 | 1.7 | 7.6  | 8.0  | 0.4 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 6 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 4 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 STBC, M0 to M7           | 2 | 3 | 7.3 | 6.9 |     |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 5 | 5.9 | 5.8 | 4.8 |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 STBC, M0 to M7           | 4 | 6 | 4.9 | 4.5 | 4.2 | 4.9 | 10.7 | 11.0 | 0.3 |

**Peak Output Power, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7****Antenna A****Antenna B****Antenna C**

**Power Spectral Density, 5260 MHz, HT/VHT20, M8 to M15****Antenna A****Antenna B****Antenna C****Antenna D**



## Antenna Gain : 4 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 4                             | 12.7                 |                      |                      |                      | 12.7                         | 24.0        | 11.3        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 4                             | 10.7                 | 10.2                 |                      |                      | 13.5                         | 24.0        | 10.5        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 4                             | 9.7                  | 9.2                  | 9.4                  |                      | 14.2                         | 24.0        | 9.8         |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 4                             | 9.7                  | 9.2                  | 9.4                  | 9.4                  | 15.4                         | 24.0        | 8.6         |
|                 | VHT160, M0 to M9 1ss                | 1        | 4                             | 16.6                 |                      |                      |                      | 16.6                         | 24.0        | 7.4         |
|                 | VHT160, M0 to M9 1ss                | 2        | 4                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160, M0 to M9 2ss                | 2        | 4                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160, M0 to M9 1ss                | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160, M0 to M9 2ss                | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160, M0 to M9 3ss                | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160, M0 to M9 1ss                | 4        | 4                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160, M0 to M9 2ss                | 4        | 4                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160, M0 to M9 3ss                | 4        | 4                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 7                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 23.0        | 6.0         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 4                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 9                             | 11.3                 | 10.9                 | 11.1                 |                      | 15.9                         | 21.0        | 5.1         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 10                            | 10.4                 | 9.9                  | 10.1                 | 10.1                 | 16.1                         | 20.0        | 3.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 7                             | 12.3                 | 11.8                 | 12.1                 | 12.0                 | 18.1                         | 23.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 4                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 4                             | 14.2                 | 13.7                 | 14.2                 |                      | 18.8                         | 24.0        | 5.2         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 4                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 4                             | 17.1                 |                      |                      |                      | 17.1                         | 23.5        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 4                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 23.4        | 3.3         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 4                             | 13.6                 | 13.6                 | 13.8                 |                      | 18.4                         | 23.4        | 5.0         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 4                             | 10.6                 | 10.7                 | 11.8                 | 11.7                 | 17.3                         | 23.1        | 5.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 7                             | 17.1                 | 17.0                 |                      |                      | 20.1                         | 22.4        | 2.3         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 9                             | 13.6                 | 13.6                 | 13.8                 |                      | 18.4                         | 20.4        | 2.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 10                            | 10.6                 | 10.7                 | 11.8                 | 11.7                 | 17.3                         | 19.1        | 1.8         |
|                 | HT/VHT20, M0 to M7                  | 1        | 4                             | 17.2                 |                      |                      |                      | 17.2                         | 24.0        | 6.8         |



|      |                                   |   |    |      |      |      |      |      |      |     |
|------|-----------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M0 to M7                | 2 | 4  | 17.2 | 17.1 |      |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20, M8 to M15               | 2 | 4  | 17.2 | 17.1 |      |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20, M0 to M7                | 3 | 4  | 13.7 | 13.8 | 13.9 |      | 18.6 | 23.1 | 4.5 |
|      | HT/VHT20, M8 to M15               | 3 | 4  | 16.1 | 16.0 | 17.4 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M16 to M23              | 3 | 4  | 16.1 | 16.0 | 17.4 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                | 4 | 4  | 10.7 | 10.9 | 11.9 | 11.9 | 17.4 | 23.4 | 6.0 |
|      | HT/VHT20, M8 to M15               | 4 | 4  | 13.7 | 13.8 | 13.9 | 14.0 | 19.9 | 23.1 | 3.2 |
|      | HT/VHT20, M16 to M23              | 4 | 4  | 14.9 | 14.8 | 16.3 | 16.2 | 21.6 | 23.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 7  | 17.2 | 17.1 |      |      | 20.2 | 22.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 4  | 17.2 | 17.1 |      |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 9  | 13.7 | 13.8 | 13.9 |      | 18.6 | 20.1 | 1.5 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 6  | 16.1 | 16.0 | 17.4 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 4  | 16.1 | 16.0 | 17.4 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 10 | 10.7 | 10.9 | 11.9 | 11.9 | 17.4 | 19.4 | 2.0 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 7  | 13.7 | 13.8 | 13.9 | 14.0 | 19.9 | 22.1 | 2.2 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 5  | 14.9 | 14.8 | 16.3 | 16.2 | 21.6 | 23.4 | 1.8 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 4  | 17.2 | 17.1 |      |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 4  | 16.1 | 16.0 | 17.4 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 4  | 13.7 | 13.8 | 13.9 | 14.0 | 19.9 | 23.1 | 3.2 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 4  | 18.5 |      |      |      | 18.5 | 24.0 | 5.5 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 4  | 18.5 | 18.3 |      |      | 21.4 | 24.0 | 2.6 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 4  | 16.2 | 15.9 | 17.1 |      | 21.2 | 23.2 | 2.0 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 4  | 12.9 | 12.7 | 13.7 | 13.9 | 19.4 | 23.2 | 3.8 |
|      | HT/VHT40, M0 to M7                | 1 | 4  | 17.3 |      |      |      | 17.3 | 24.0 | 6.7 |
|      | HT/VHT40, M0 to M7                | 2 | 4  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40, M8 to M15               | 2 | 4  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40, M0 to M7                | 3 | 4  | 16.2 | 15.8 | 16.9 |      | 21.1 | 23.2 | 2.1 |
|      | HT/VHT40, M8 to M15               | 3 | 4  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40, M16 to M23              | 3 | 4  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40, M0 to M7                | 4 | 4  | 13.6 | 13.5 | 13.5 | 14.8 | 19.9 | 23.2 | 3.3 |
|      | HT/VHT40, M8 to M15               | 4 | 4  | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
|      | HT/VHT40, M16 to M23              | 4 | 4  | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 7  | 17.3 | 16.9 |      |      | 20.1 | 22.2 | 2.1 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 4  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 9  | 15.0 | 14.6 | 15.9 |      | 20.0 | 21.0 | 1.0 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 6  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 4  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 10 | 11.7 | 11.6 | 12.6 | 12.8 | 18.2 | 19.1 | 0.9 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 7  | 15.0 | 14.6 | 15.9 | 16.0 | 21.4 | 23.0 | 1.6 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 5  | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 4  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 4  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 4  | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 4  | 16.0 |      |      |      | 16.0 | 24.0 | 8.0 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 4  | 16.0 | 15.4 |      |      | 18.7 | 24.0 | 5.3 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 4  | 13.5 | 12.9 | 13.9 |      | 18.2 | 24.0 | 5.8 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 4  | 12.3 | 11.9 | 12.5 | 12.8 | 18.4 | 24.0 | 5.6 |
|      | VHT80, M0 to M9 1ss                 | 1 | 4  | 17.5 |      |      |      | 17.5 | 24.0 | 6.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 4  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 2 | 4  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 3 | 4  | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 2ss                 | 3 | 4  | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 3ss                 | 3 | 4  | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80, M0 to M9 1ss                 | 4 | 4  | 15.2 | 14.6 | 15.1 | 15.7 | 21.2 | 24.0 | 2.8 |
|      | VHT80, M0 to M9 2ss                 | 4 | 4  | 15.2 | 14.6 | 15.1 | 15.7 | 21.2 | 24.0 | 2.8 |
|      | VHT80, M0 to M9 3ss                 | 4 | 4  | 15.2 | 14.6 | 15.1 | 15.7 | 21.2 | 24.0 | 2.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 7  | 16.4 | 15.8 |      |      | 19.1 | 23.0 | 3.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 4  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 9  | 13.9 | 13.5 | 12.9 |      | 18.2 | 21.0 | 2.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 4  | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 10 | 11.1 | 10.7 | 10.9 | 11.4 | 17.1 | 20.0 | 2.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 7  | 12.9 | 12.6 | 13.0 | 13.5 | 19.0 | 23.0 | 4.0 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 5  | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 4  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 4  | 17.5 | 16.9 | 17.4 |      | 22.0 | 24.0 | 2.0 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 4  | 15.2 | 14.6 | 15.1 | 15.7 | 21.2 | 24.0 | 2.8 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 4  | 17.5 |      |      |      | 17.5 | 23.6 | 6.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 4  | 17.5 | 17.1 |      |      | 20.3 | 23.6 | 3.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 4  | 14.0 | 13.8 | 13.2 |      | 18.5 | 23.6 | 5.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 4  | 11.1 | 10.9 | 11.3 | 12.0 | 17.4 | 23.6 | 6.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 7  | 17.5 | 17.1 |      |      | 20.3 | 22.6 | 2.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 9  | 14.0 | 13.8 | 13.2 |      | 18.5 | 20.6 | 2.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 10 | 11.1 | 10.9 | 11.3 | 12.0 | 17.4 | 19.6 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 4  | 17.7 |      |      |      | 17.7 | 23.6 | 5.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 4  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 4  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 4  | 14.1 | 13.9 | 13.3 |      | 18.6 | 23.6 | 5.0 |
|      | HT/VHT20, M8 to M15                 | 3 | 4  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |





|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 4  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 4 | 4  | 11.2 | 11.0 | 11.4 | 12.2 | 17.5 | 23.6 | 6.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 4  | 14.1 | 13.9 | 13.3 | 14.3 | 19.9 | 23.6 | 3.7 |
|      | HT/VHT20, M16 to M23                | 4 | 4  | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 7  | 17.7 | 17.2 |      |      | 20.5 | 22.6 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 4  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 9  | 14.1 | 13.9 | 13.3 |      | 18.6 | 20.6 | 2.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 6  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 4  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 10 | 11.2 | 11.0 | 11.4 | 12.2 | 17.5 | 19.6 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 7  | 14.1 | 13.9 | 13.3 | 14.3 | 19.9 | 22.6 | 2.7 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 5  | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 4  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 4  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 4  | 14.1 | 13.9 | 13.3 | 14.3 | 19.9 | 23.6 | 3.7 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 4  | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 4  | 16.9 | 16.2 |      |      | 19.6 | 23.4 | 3.8 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 4  | 13.5 | 13.1 | 12.8 |      | 17.9 | 23.1 | 5.2 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 4  | 11.6 | 11.2 | 10.7 | 11.9 | 17.4 | 23.4 | 6.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 7  | 16.9 | 16.2 |      |      | 19.6 | 22.4 | 2.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 9  | 13.5 | 13.1 | 12.8 |      | 17.9 | 20.1 | 2.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 10 | 11.6 | 11.2 | 10.7 | 11.9 | 17.4 | 19.4 | 2.0 |
|      | HT/VHT20, M0 to M7                  | 1 | 4  | 18.2 |      |      |      | 18.2 | 24.0 | 5.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 4  | 17.0 | 16.4 |      |      | 19.7 | 23.4 | 3.7 |
|      | HT/VHT20, M8 to M15                 | 2 | 4  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 4  | 13.7 | 13.3 | 12.9 |      | 18.1 | 23.4 | 5.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 4  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M16 to M23                | 3 | 4  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 4  | 11.8 | 11.4 | 10.9 | 12.1 | 17.6 | 23.4 | 5.8 |
|      | HT/VHT20, M8 to M15                 | 4 | 4  | 14.7 | 14.3 | 12.8 | 14.2 | 20.1 | 23.1 | 3.0 |
|      | HT/VHT20, M16 to M23                | 4 | 4  | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 7  | 17.0 | 16.4 |      |      | 19.7 | 22.4 | 2.7 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 4  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 9  | 13.7 | 13.3 | 12.9 |      | 18.1 | 20.4 | 2.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 6  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 4  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 10 | 11.8 | 11.4 | 10.9 | 12.1 | 17.6 | 19.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 7  | 14.7 | 14.3 | 12.8 | 14.2 | 20.1 | 22.1 | 2.0 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 5  | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 4  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |





|      |                                     |          |          |             |             |             |             |             |             |            |
|------|-------------------------------------|----------|----------|-------------|-------------|-------------|-------------|-------------|-------------|------------|
|      | HT/VHT20 STBC, M0 to M7             | 3        | 4        | 17.0        | 16.4        | 16.3        |             | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 STBC, M0 to M7             | 4        | 4        | 14.7        | 14.3        | 12.8        | 14.2        | 20.1        | 23.1        | 3.0        |
| 5310 | Non HT40, 6 to 54 Mbps              | 1        | 4        | 15.7        |             |             |             | 15.7        | 24.0        | 8.3        |
|      | Non HT40, 6 to 54 Mbps              | 2        | 4        | 15.7        | 15.1        |             |             | 18.4        | 24.0        | 5.6        |
|      | Non HT40, 6 to 54 Mbps              | 3        | 4        | 15.7        | 15.1        | 14.9        |             | 20.0        | 24.0        | 4.0        |
|      | Non HT40, 6 to 54 Mbps              | 4        | 4        | 14.5        | 14.0        | 13.7        | 14.6        | 20.2        | 24.0        | 3.8        |
|      | HT/VHT40, M0 to M7                  | 1        | 4        | 18.0        |             |             |             | 18.0        | 24.0        | 6.0        |
|      | HT/VHT40, M0 to M7                  | 2        | 4        | 18.0        | 17.4        |             |             | 20.7        | 24.0        | 3.3        |
|      | HT/VHT40, M8 to M15                 | 2        | 4        | 18.0        | 17.4        |             |             | 20.7        | 24.0        | 3.3        |
|      | HT/VHT40, M0 to M7                  | 3        | 4        | 16.9        | 16.2        | 15.8        |             | 21.1        | 24.0        | 2.9        |
|      | HT/VHT40, M8 to M15                 | 3        | 4        | 18.0        | 17.4        | 16.8        |             | 22.2        | 24.0        | 1.8        |
|      | HT/VHT40, M16 to M23                | 3        | 4        | 18.0        | 17.4        | 16.8        |             | 22.2        | 24.0        | 1.8        |
|      | HT/VHT40, M0 to M7                  | 4        | 4        | 14.4        | 14.0        | 12.4        | 14.6        | 20.0        | 24.0        | 4.0        |
|      | <b>HT/VHT40, M8 to M15</b>          | <b>4</b> | <b>4</b> | <b>18.0</b> | <b>17.4</b> | <b>16.8</b> | <b>17.9</b> | <b>23.6</b> | <b>24.0</b> | <b>0.4</b> |
|      | HT/VHT40, M16 to M23                | 4        | 4        | 18.0        | 17.4        | 16.8        | 17.9        | 23.6        | 24.0        | 0.4        |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2        | 7        | 18.0        | 17.4        |             |             | 20.7        | 23.0        | 2.3        |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2        | 4        | 18.0        | 17.4        |             |             | 20.7        | 24.0        | 3.3        |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3        | 9        | 15.6        | 15.1        | 13.7        |             | 19.6        | 21.0        | 1.4        |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3        | 6        | 18.0        | 17.4        | 16.8        |             | 22.2        | 24.0        | 1.8        |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3        | 4        | 18.0        | 17.4        | 16.8        |             | 22.2        | 24.0        | 1.8        |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4        | 10       | 13.4        | 13.0        | 12.6        | 13.5        | 19.2        | 20.0        | 0.8        |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4        | 7        | 15.6        | 15.1        | 13.7        | 14.5        | 20.8        | 23.0        | 2.2        |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4        | 5        | 16.9        | 16.2        | 15.8        | 16.8        | 22.5        | 24.0        | 1.5        |
|      | HT/VHT40 STBC, M0 to M7             | 2        | 4        | 18.0        | 17.4        |             |             | 20.7        | 24.0        | 3.3        |
|      | HT/VHT40 STBC, M0 to M7             | 3        | 4        | 18.0        | 17.4        | 16.8        |             | 22.2        | 24.0        | 1.8        |
|      | HT/VHT40 STBC, M0 to M7             | 4        | 4        | 18.0        | 17.4        | 16.8        | 17.9        | 23.6        | 24.0        | 0.4        |
| 5320 | Non HT20, 6 to 54 Mbps              | 1        | 4        | 17.8        |             |             |             | 17.8        | 23.6        | 5.8        |
|      | Non HT20, 6 to 54 Mbps              | 2        | 4        | 16.7        | 16.3        |             |             | 19.5        | 23.6        | 4.1        |
|      | Non HT20, 6 to 54 Mbps              | 3        | 4        | 14.4        | 14.1        | 12.0        |             | 18.4        | 23.6        | 5.2        |
|      | Non HT20, 6 to 54 Mbps              | 4        | 4        | 11.5        | 11.2        | 10.1        | 11.3        | 17.1        | 23.5        | 6.4        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 7        | 16.7        | 16.3        |             |             | 19.5        | 22.6        | 3.1        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 9        | 14.4        | 14.1        | 12.0        |             | 18.4        | 20.6        | 2.2        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 10       | 11.5        | 11.2        | 10.1        | 11.3        | 17.1        | 19.5        | 2.4        |
|      | HT/VHT20, M0 to M7                  | 1        | 4        | 18.0        |             |             |             | 18.0        | 23.6        | 5.6        |
|      | HT/VHT20, M0 to M7                  | 2        | 4        | 16.8        | 16.5        |             |             | 19.7        | 23.6        | 3.9        |
|      | HT/VHT20, M8 to M15                 | 2        | 4        | 18.0        | 17.6        |             |             | 20.8        | 23.6        | 2.8        |
|      | HT/VHT20, M0 to M7                  | 3        | 4        | 14.6        | 14.3        | 12.2        |             | 18.6        | 23.6        | 5.0        |
|      | HT/VHT20, M8 to M15                 | 3        | 4        | 16.8        | 16.5        | 15.7        |             | 21.1        | 23.6        | 2.5        |
|      | HT/VHT20, M16 to M23                | 3        | 4        | 16.8        | 16.5        | 15.7        |             | 21.1        | 23.6        | 2.5        |



|                                   |   |    |      |      |      |      |      |      |     |
|-----------------------------------|---|----|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 4  | 11.7 | 11.4 | 10.3 | 11.4 | 17.3 | 23.6 | 6.3 |
| HT/VHT20, M8 to M15               | 4 | 4  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |
| HT/VHT20, M16 to M23              | 4 | 4  | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 7  | 16.8 | 16.5 |      |      | 19.7 | 22.6 | 2.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 4  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 9  | 14.6 | 14.3 | 12.2 |      | 18.6 | 20.6 | 2.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 6  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 4  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 10 | 11.7 | 11.4 | 10.3 | 11.4 | 17.3 | 19.6 | 2.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 7  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 22.6 | 2.8 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 5  | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 STBC, M0 to M7           | 2 | 4  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 3 | 4  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 STBC, M0 to M7           | 4 | 4  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |



| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 4                             | -6.6               |                    |                    |                    | -6.6                | 11.0            | 17.6        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 7                             | -8.4               | -8.9               |                    |                    | -5.6                | 10.0            | 15.6        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 9                             | -9.1               | -9.9               | -9.9               |                    | -4.8                | 8.0             | 12.8        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 10                            | -9.1               | -9.9               | -9.9               | -10.4              | -3.8                | 7.0             | 10.8        |
|                 | VHT160, M0 to M9 1ss                | 1        | 4                             | -2.9               |                    |                    |                    | -2.9                | 11.0            | 13.9        |
|                 | VHT160, M0 to M9 1ss                | 2        | 7                             | -4.4               | -5.1               |                    |                    | -1.7                | 10.0            | 11.7        |
|                 | VHT160, M0 to M9 2ss                | 2        | 4                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160, M0 to M9 1ss                | 3        | 9                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 8.0             | 9.0         |
|                 | VHT160, M0 to M9 2ss                | 3        | 6                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 11.0            | 12.0        |
|                 | VHT160, M0 to M9 3ss                | 3        | 4                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 11.0            | 12.0        |
|                 | VHT160, M0 to M9 1ss                | 4        | 10                            | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 7.0             | 7.7         |
|                 | VHT160, M0 to M9 2ss                | 4        | 7                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 10.0            | 10.7        |
|                 | VHT160, M0 to M9 3ss                | 4        | 5                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 7                             | -5.5               | -6.1               |                    |                    | -2.8                | 10.0            | 12.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 4                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 9                             | -8.5               | -9.0               | -8.7               |                    | -4.0                | 8.0             | 12.0        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 6                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 4                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 11.0            | 12.0        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 10                            | -9.4               | -9.8               | -9.6               | -10.4              | -3.8                | 7.0             | 10.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 7                             | -7.6               | -7.9               | -7.7               | -8.3               | -1.8                | 10.0            | 11.8        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 5                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 4                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 4                             | -5.5               | -6.1               | -5.7               |                    | -1.0                | 11.0            | 12.0        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 4                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 4                             | 6.6                |                    |                    |                    | 6.6                 | 11.0            | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 7                             | 6.6                | 6.5                |                    |                    | 9.6                 | 10.0            | 0.4         |
|                 | <b>Non HT20, 6 to 54 Mbps</b>       | <b>3</b> | <b>9</b>                      | <b>3.1</b>         | <b>3.0</b>         | <b>3.5</b>         |                    | <b>8.0</b>          | <b>8.0</b>      | <b>0.0</b>  |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 10                            | 0.4                | 0.1                | 1.1                | 1.3                | 6.8                 | 7.0             | 0.2         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 7                             | 6.6                | 6.5                |                    |                    | 9.6                 | 10.0            | 0.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 9                             | 3.1                | 3.0                | 3.5                |                    | 8.0                 | 8.0             | 0.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 10                            | 0.4                | 0.1                | 1.1                | 1.3                | 6.8                 | 7.0             | 0.2         |
|                 | HT/VHT20, M0 to M7                  | 1        | 4                             | 6.3                |                    |                    |                    | 6.3                 | 11.0            | 4.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 7                             | 6.3                | 6.3                |                    |                    | 9.3                 | 10.0            | 0.7         |



|      |                                   |   |    |      |      |      |      |      |      |     |
|------|-----------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M8 to M15               | 2 | 4  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20, M0 to M7                | 3 | 9  | 2.9  | 2.9  | 3.1  |      | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20, M8 to M15               | 3 | 6  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23              | 3 | 4  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                | 4 | 10 | 0.0  | 0.3  | 1.0  | 1.1  | 6.6  | 7.0  | 0.4 |
|      | HT/VHT20, M8 to M15               | 4 | 7  | 2.9  | 2.9  | 3.1  | 3.2  | 9.0  | 10.0 | 1.0 |
|      | HT/VHT20, M16 to M23              | 4 | 5  | 4.2  | 4.1  | 5.8  | 5.4  | 11.0 | 11.0 | 0.0 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 7  | 6.3  | 6.3  |      |      | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 4  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 9  | 2.9  | 2.9  | 3.1  |      | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 6  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 4  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 10 | 0.0  | 0.3  | 1.0  | 1.1  | 6.6  | 7.0  | 0.4 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 7  | 2.9  | 2.9  | 3.1  | 3.2  | 9.0  | 10.0 | 1.0 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 5  | 4.2  | 4.1  | 5.8  | 5.4  | 11.0 | 11.0 | 0.0 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 4  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 6  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 7  | 2.9  | 2.9  | 3.1  | 3.2  | 9.0  | 10.0 | 1.0 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 4  | 5.0  |      |      |      | 5.0  | 11.0 | 6.0 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 7  | 5.0  | 4.8  |      |      | 7.9  | 10.0 | 2.1 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 9  | 3.0  | 2.2  | 3.9  |      | 7.9  | 8.0  | 0.1 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 10 | -0.2 | -0.8 | 0.2  | 0.4  | 5.9  | 7.0  | 1.1 |
|      | HT/VHT40, M0 to M7                | 1 | 4  | 4.1  |      |      |      | 4.1  | 11.0 | 6.9 |
|      | HT/VHT40, M0 to M7                | 2 | 7  | 4.1  | 3.2  |      |      | 6.7  | 10.0 | 3.3 |
|      | HT/VHT40, M8 to M15               | 2 | 4  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |
|      | HT/VHT40, M0 to M7                | 3 | 9  | 2.7  | 2.0  | 3.4  |      | 7.5  | 8.0  | 0.5 |
|      | HT/VHT40, M8 to M15               | 3 | 6  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40, M16 to M23              | 3 | 4  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40, M0 to M7                | 4 | 10 | -0.2 | -0.5 | -0.4 | 1.0  | 6.0  | 7.0  | 1.0 |
|      | HT/VHT40, M8 to M15               | 4 | 7  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 10.0 | 1.1 |
|      | HT/VHT40, M16 to M23              | 4 | 5  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 11.0 | 2.1 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 7  | 4.1  | 3.2  |      |      | 6.7  | 10.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 4  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 9  | 1.3  | 0.8  | 2.7  |      | 6.4  | 8.0  | 1.6 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 6  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 4  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 10 | -1.9 | -2.3 | -1.1 | -1.2 | 4.4  | 7.0  | 2.6 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 7  | 1.3  | 0.8  | 2.7  | 2.3  | 7.9  | 10.0 | 2.1 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 5  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 11.0 | 2.1 |
|      | HT/VHT40 STBC, M0 to M7           | 2 | 4  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |



|      |                                     |   |    |      |      |      |      |      |      |      |
|------|-------------------------------------|---|----|------|------|------|------|------|------|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 6  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 7  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 10.0 | 1.1  |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 4  | -0.4 |      |      |      | -0.4 | 11.0 | 11.4 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 7  | -0.4 | -1.3 |      |      | 2.2  | 10.0 | 7.8  |
|      | Non HT80, 6 to 54 Mbps              | 3 | 9  | -3.3 | -3.8 | -2.6 |      | 1.6  | 8.0  | 6.4  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 10 | -4.3 | -5.0 | -4.1 | -3.9 | 1.7  | 7.0  | 5.3  |
|      | VHT80, M0 to M9 1ss                 | 1 | 4  | 0.2  |      |      |      | 0.2  | 11.0 | 10.8 |
|      | VHT80, M0 to M9 1ss                 | 2 | 7  | 0.2  | -0.1 |      |      | 3.1  | 10.0 | 6.9  |
|      | VHT80, M0 to M9 2ss                 | 2 | 4  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 1ss                 | 3 | 9  | 0.2  | -0.1 | 0.6  |      | 5.0  | 8.0  | 3.0  |
|      | VHT80, M0 to M9 2ss                 | 3 | 6  | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 3ss                 | 3 | 4  | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80, M0 to M9 1ss                 | 4 | 10 | -1.9 | -2.7 | -1.6 | -1.7 | 4.1  | 7.0  | 2.9  |
|      | VHT80, M0 to M9 2ss                 | 4 | 7  | -1.9 | -2.7 | -1.6 | -1.7 | 4.1  | 10.0 | 5.9  |
|      | VHT80, M0 to M9 3ss                 | 4 | 5  | -1.9 | -2.7 | -1.6 | -1.7 | 4.1  | 11.0 | 6.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 7  | -0.7 | -1.7 |      |      | 1.8  | 10.0 | 8.2  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 4  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 9  | -3.3 | -3.7 | -4.2 |      | 1.1  | 8.0  | 6.9  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 6  | -0.7 | -1.7 | -0.5 |      | 3.8  | 11.0 | 7.2  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 4  | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 10 | -5.9 | -6.5 | -6.1 | -6.1 | -0.1 | 7.0  | 7.1  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 7  | -4.4 | -4.8 | -3.6 | -3.9 | 1.9  | 10.0 | 8.1  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 5  | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 11.0 | 7.3  |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 4  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 4  | 0.2  | -0.1 | 0.6  |      | 5.0  | 11.0 | 6.0  |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 4  | -1.9 | -2.7 | -1.6 | -1.7 | 4.1  | 11.0 | 6.9  |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 4  | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | Non HT20, 6 to 54 Mbps              | 2 | 7  | 7.0  | 6.8  |      |      | 9.9  | 10.0 | 0.1  |
|      | Non HT20, 6 to 54 Mbps              | 3 | 9  | 3.4  | 3.4  | 2.4  |      | 7.9  | 8.0  | 0.1  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 10 | 0.6  | 0.2  | 0.8  | 1.4  | 6.8  | 7.0  | 0.2  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 7  | 7.0  | 6.8  |      |      | 9.9  | 10.0 | 0.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 9  | 3.4  | 3.4  | 2.4  |      | 7.9  | 8.0  | 0.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 10 | 0.6  | 0.2  | 0.8  | 1.4  | 6.8  | 7.0  | 0.2  |
|      | HT/VHT20, M0 to M7                  | 1 | 4  | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | HT/VHT20, M0 to M7                  | 2 | 7  | 7.0  | 6.4  |      |      | 9.7  | 10.0 | 0.3  |
|      | HT/VHT20, M8 to M15                 | 2 | 4  | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M0 to M7                  | 3 | 9  | 3.3  | 3.0  | 2.4  |      | 7.7  | 8.0  | 0.3  |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |
|      | HT/VHT20, M16 to M23                | 3 | 4  | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |



|      |                                     |   |    |     |     |     |     |      |      |     |
|------|-------------------------------------|---|----|-----|-----|-----|-----|------|------|-----|
|      | HT/VHT20, M0 to M7                  | 4 | 10 | 0.4 | 0.1 | 0.6 | 1.8 | 6.8  | 7.0  | 0.2 |
|      | HT/VHT20, M8 to M15                 | 4 | 7  | 3.3 | 3.0 | 2.4 | 3.6 | 9.1  | 10.0 | 0.9 |
|      | HT/VHT20, M16 to M23                | 4 | 5  | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 7  | 7.0 | 6.4 |     |     | 9.7  | 10.0 | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 4  | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 9  | 3.3 | 3.0 | 2.4 |     | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 6  | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 4  | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 10 | 0.4 | 0.1 | 0.6 | 1.8 | 6.8  | 7.0  | 0.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 7  | 3.3 | 3.0 | 2.4 | 3.6 | 9.1  | 10.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 5  | 4.7 | 4.1 | 4.9 | 5.5 | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 4  | 7.0 | 6.4 |     |     | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 6  | 5.7 | 5.2 | 5.9 |     | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 7  | 3.3 | 3.0 | 2.4 | 3.6 | 9.1  | 10.0 | 0.9 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 4  | 7.5 |     |     |     | 7.5  | 11.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 7  | 6.3 | 5.7 |     |     | 9.0  | 10.0 | 1.0 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 9  | 3.2 | 3.0 | 2.4 |     | 7.7  | 8.0  | 0.3 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 10 | 1.2 | 0.6 | 0.0 | 1.7 | 6.9  | 7.0  | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 7  | 6.3 | 5.7 |     |     | 9.0  | 10.0 | 1.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 9  | 3.2 | 3.0 | 2.4 |     | 7.7  | 8.0  | 0.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 10 | 1.2 | 0.6 | 0.0 | 1.7 | 6.9  | 7.0  | 0.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 4  | 7.3 |     |     |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 7  | 6.6 | 5.7 |     |     | 9.2  | 10.0 | 0.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 4  | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 9  | 2.9 | 2.5 | 2.5 |     | 7.4  | 8.0  | 0.6 |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M16 to M23                | 3 | 4  | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 10 | 1.0 | 0.5 | 0.1 | 1.4 | 6.8  | 7.0  | 0.2 |
|      | HT/VHT20, M8 to M15                 | 4 | 7  | 4.0 | 3.5 | 2.1 | 3.2 | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20, M16 to M23                | 4 | 5  | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 7  | 6.6 | 5.7 |     |     | 9.2  | 10.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 4  | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 9  | 2.9 | 2.5 | 2.5 |     | 7.4  | 8.0  | 0.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 6  | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 4  | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 10 | 1.0 | 0.5 | 0.1 | 1.4 | 6.8  | 7.0  | 0.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 7  | 4.0 | 3.5 | 2.1 | 3.2 | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 5  | 5.4 | 4.4 | 3.3 | 4.4 | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 4  | 7.3 | 7.0 |     |     | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 6  | 6.6 | 5.7 | 5.6 |     | 10.8 | 11.0 | 0.2 |

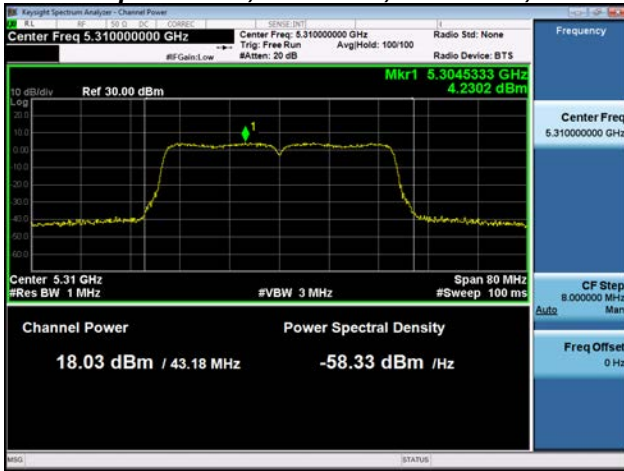
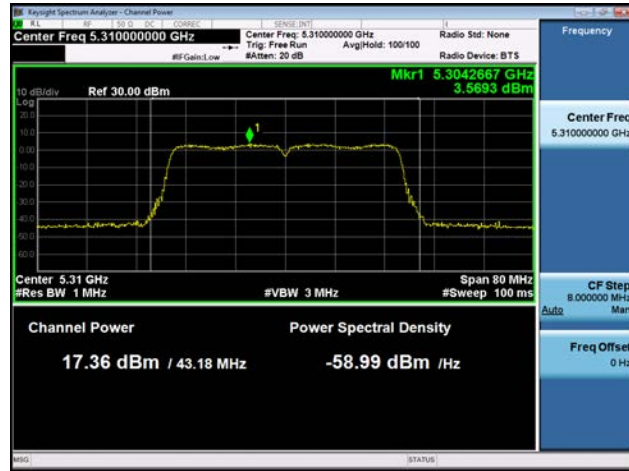
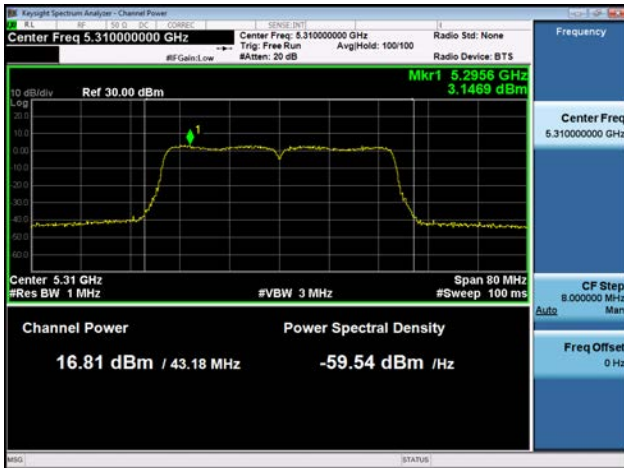
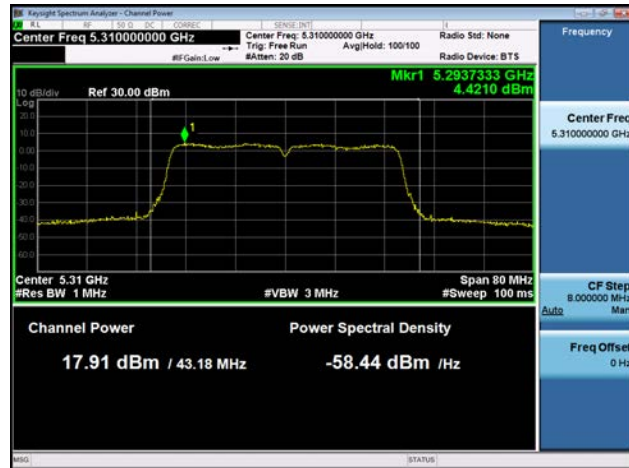


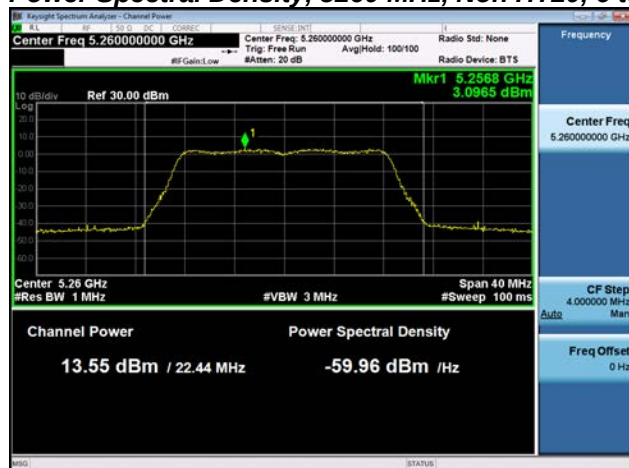
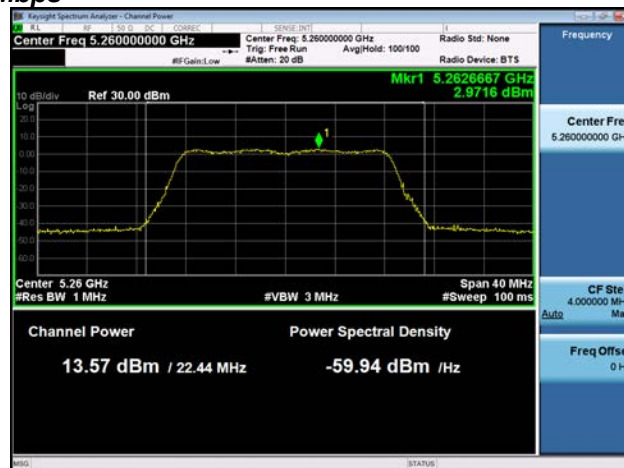
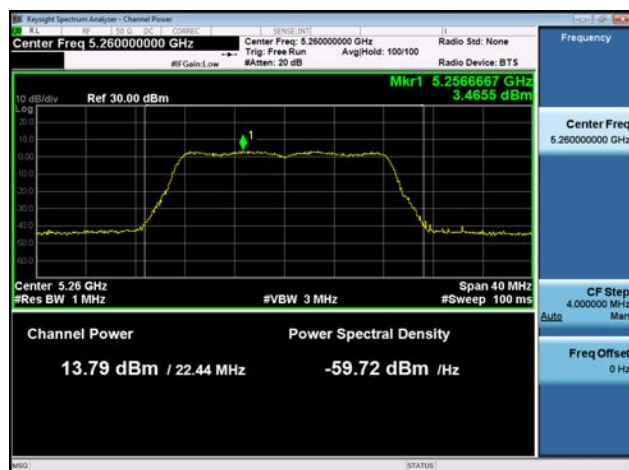
|      |                                     |   |    |      |      |      |     |      |      |     |
|------|-------------------------------------|---|----|------|------|------|-----|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 7  | 4.0  | 3.5  | 2.1  | 3.2 | 9.3  | 10.0 | 0.7 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 4  | 2.1  |      |      |     | 2.1  | 11.0 | 8.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 7  | 2.1  | 1.6  |      |     | 4.9  | 10.0 | 5.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 9  | 2.1  | 1.6  | 1.7  |     | 6.6  | 8.0  | 1.4 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 10 | 1.1  | 0.7  | 0.3  | 1.2 | 6.9  | 7.0  | 0.1 |
|      | HT/VHT40, M0 to M7                  | 1 | 4  | 4.2  |      |      |     | 4.2  | 11.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 7  | 4.2  | 3.6  |      |     | 6.9  | 10.0 | 3.1 |
|      | HT/VHT40, M8 to M15                 | 2 | 4  | 4.2  | 3.6  |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 9  | 3.2  | 2.4  | 2.3  |     | 7.4  | 8.0  | 0.6 |
|      | HT/VHT40, M8 to M15                 | 3 | 6  | 4.2  | 3.6  | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M16 to M23                | 3 | 4  | 4.2  | 3.6  | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 10 | 0.5  | 0.2  | -1.1 | 1.2 | 6.3  | 7.0  | 0.7 |
|      | HT/VHT40, M8 to M15                 | 4 | 7  | 4.2  | 3.6  | 3.1  | 4.4 | 9.9  | 10.0 | 0.1 |
|      | HT/VHT40, M16 to M23                | 4 | 5  | 4.2  | 3.6  | 3.1  | 4.4 | 9.9  | 11.0 | 1.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 7  | 4.2  | 3.6  |      |     | 6.9  | 10.0 | 3.1 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 4  | 4.2  | 3.6  |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 9  | 2.0  | 1.4  | 0.0  |     | 6.0  | 8.0  | 2.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 6  | 4.2  | 3.6  | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 4  | 4.2  | 3.6  | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 10 | -0.3 | -0.7 | -0.9 | 0.2 | 5.6  | 7.0  | 1.4 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 7  | 2.0  | 1.4  | 0.0  | 0.9 | 7.2  | 10.0 | 2.8 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 5  | 3.2  | 2.4  | 2.3  | 3.2 | 8.8  | 11.0 | 2.2 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 4  | 4.2  | 3.6  |      |     | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 6  | 4.2  | 3.6  | 3.1  |     | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 7  | 4.2  | 3.6  | 3.1  | 4.4 | 9.9  | 10.0 | 0.1 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 4  | 7.3  |      |      |     | 7.3  | 11.0 | 3.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 7  | 6.0  | 5.7  |      |     | 8.9  | 10.0 | 1.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 9  | 4.0  | 3.6  | 1.5  |     | 7.9  | 8.0  | 0.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 10 | 0.9  | 0.8  | -0.2 | 0.8 | 6.6  | 7.0  | 0.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 7  | 6.0  | 5.7  |      |     | 8.9  | 10.0 | 1.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 9  | 4.0  | 3.6  | 1.5  |     | 7.9  | 8.0  | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 10 | 0.9  | 0.8  | -0.2 | 0.8 | 6.6  | 7.0  | 0.4 |
|      | HT/VHT20, M0 to M7                  | 1 | 4  | 7.3  |      |      |     | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 7  | 5.9  | 5.8  |      |     | 8.9  | 10.0 | 1.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 4  | 7.3  | 6.9  |      |     | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 9  | 3.6  | 3.4  | 1.6  |     | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 5.9  | 5.8  | 4.8  |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M16 to M23                | 3 | 4  | 5.9  | 5.8  | 4.8  |     | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 4 | 10 | 0.9  | 0.7  | -0.5 | 0.9 | 6.6  | 7.0  | 0.4 |



|                                   |   |    |     |     |      |     |      |      |     |
|-----------------------------------|---|----|-----|-----|------|-----|------|------|-----|
| HT/VHT20, M8 to M15               | 4 | 7  | 3.6 | 3.4 | 1.6  | 2.7 | 8.9  | 10.0 | 1.1 |
| HT/VHT20, M16 to M23              | 4 | 5  | 4.9 | 4.5 | 4.2  | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 7  | 5.9 | 5.8 |      |     | 8.9  | 10.0 | 1.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 4  | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 9  | 3.6 | 3.4 | 1.6  |     | 7.7  | 8.0  | 0.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 6  | 5.9 | 5.8 | 4.8  |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 4  | 5.9 | 5.8 | 4.8  |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 10 | 0.9 | 0.7 | -0.5 | 0.9 | 6.6  | 7.0  | 0.4 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 7  | 3.6 | 3.4 | 1.6  | 2.7 | 8.9  | 10.0 | 1.1 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 5  | 4.9 | 4.5 | 4.2  | 4.9 | 10.7 | 11.0 | 0.3 |
| HT/VHT20 STBC, M0 to M7           | 2 | 4  | 7.3 | 6.9 |      |     | 10.1 | 11.0 | 0.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 6  | 5.9 | 5.8 | 4.8  |     | 10.3 | 11.0 | 0.7 |
| HT/VHT20 STBC, M0 to M7           | 4 | 7  | 3.6 | 3.4 | 1.6  | 2.7 | 8.9  | 10.0 | 1.1 |



**Peak Output Power, 5310 MHz, HT/VHT40, M8 to M15****Antenna A****Antenna B****Antenna C****Antenna D**

**Power Spectral Density, 5260 MHz, Non HT20, 6 to 54 Mbps****Antenna A****Antenna B****Antenna C**



## Antenna Gain : 5 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 5                             | 11.7                 |                      |                      |                      | 11.7                         | 24.0        | 12.3        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 5                             | 10.7                 | 10.2                 |                      |                      | 13.5                         | 24.0        | 10.5        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 5                             | 10.6                 | 8.0                  | 7.7                  |                      | 13.7                         | 24.0        | 10.3        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 5                             | 10.6                 | 8.0                  | 7.7                  | 7.8                  | 14.7                         | 24.0        | 9.3         |
|                 | VHT160, M0 to M9 1ss                | 1        | 5                             | 16.6                 |                      |                      |                      | 16.6                         | 24.0        | 7.4         |
|                 | VHT160, M0 to M9 1ss                | 2        | 5                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160, M0 to M9 2ss                | 2        | 5                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160, M0 to M9 1ss                | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 2ss                | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 3ss                | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 1ss                | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160, M0 to M9 2ss                | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160, M0 to M9 3ss                | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 8                             | 13.2                 | 12.8                 |                      |                      | 16.0                         | 22.0        | 6.0         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 5                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 10                            | 12.2                 | 9.6                  | 9.3                  |                      | 15.3                         | 20.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 7                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 23.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 11                            | 10.2                 | 7.6                  | 7.1                  | 7.4                  | 14.3                         | 19.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 8                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 22.0        | 5.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 6                             | 12.3                 | 11.8                 | 12.1                 | 12.0                 | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 5                             | 15.4                 | 14.8                 |                      |                      | 18.1                         | 24.0        | 5.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 5                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 5                             | 13.2                 | 12.8                 | 13.2                 | 13.1                 | 19.1                         | 24.0        | 4.9         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 5                             | 17.1                 |                      |                      |                      | 17.1                         | 23.5        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 5                             | 15.9                 | 15.9                 |                      |                      | 18.9                         | 24.0        | 5.1         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 5                             | 11.6                 | 11.7                 | 12.8                 |                      | 16.8                         | 23.2        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 5                             | 10.4                 | 9.7                  | 9.6                  | 8.6                  | 15.6                         | 23.4        | 7.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 8                             | 15.9                 | 15.9                 |                      |                      | 18.9                         | 22.0        | 3.1         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 10                            | 11.6                 | 11.7                 | 12.8                 |                      | 16.8                         | 19.2        | 2.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 11                            | 10.4                 | 9.7                  | 9.6                  | 8.6                  | 15.6                         | 18.4        | 2.8         |
|                 | HT/VHT20, M0 to M7                  | 1        | 5                             | 17.2                 |                      |                      |                      | 17.2                         | 24.0        | 6.8         |



|      |                                        |          |           |             |             |             |      |             |             |            |
|------|----------------------------------------|----------|-----------|-------------|-------------|-------------|------|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                     | 2        | 5         | 16.1        | 16.0        |             |      | 19.1        | 23.4        | 4.3        |
|      | HT/VHT20, M8 to M15                    | 2        | 5         | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M0 to M7                     | 3        | 5         | 11.8        | 11.8        | 13.0        |      | 17.0        | 23.4        | 6.4        |
|      | HT/VHT20, M8 to M15                    | 3        | 5         | 14.9        | 14.8        | 16.3        |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M16 to M23                   | 3        | 5         | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M0 to M7                     | 4        | 5         | 10.7        | 9.9         | 9.8         | 8.8  | 15.9        | 23.6        | 7.7        |
|      | HT/VHT20, M8 to M15                    | 4        | 5         | 12.7        | 12.8        | 14.0        | 14.1 | 19.5        | 23.2        | 3.7        |
|      | HT/VHT20, M16 to M23                   | 4        | 5         | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 2        | 8         | 16.1        | 16.0        |             |      | 19.1        | 21.4        | 2.3        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 2        | 5         | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 3        | 10        | 11.8        | 11.8        | 13.0        |      | 17.0        | 19.4        | 2.4        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 3        | 7         | 14.9        | 14.8        | 16.3        |      | 20.2        | 22.4        | 2.2        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 3        | 5         | 16.1        | 16.0        | 17.4        |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 4        | 11        | 10.7        | 9.9         | 9.8         | 8.8  | 15.9        | 18.6        | 2.7        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 4        | 8         | 12.7        | 12.8        | 14.0        | 14.1 | 19.5        | 21.2        | 1.7        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 4        | 6         | 14.9        | 14.8        | 16.3        | 16.2 | 21.6        | 23.4        | 1.8        |
|      | HT/VHT20 STBC, M0 to M7                | 2        | 5         | 17.2        | 17.1        |             |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 STBC, M0 to M7                | 3        | 5         | 14.9        | 14.8        | 16.3        |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 STBC, M0 to M7                | 4        | 5         | 12.7        | 12.8        | 14.0        | 14.1 | 19.5        | 23.2        | 3.7        |
| 5270 | Non HT40, 6 to 54 Mbps                 | 1        | 5         | 18.5        |             |             |      | 18.5        | 24.0        | 5.5        |
|      | Non HT40, 6 to 54 Mbps                 | 2        | 5         | 18.5        | 18.3        |             |      | 21.4        | 24.0        | 2.6        |
|      | Non HT40, 6 to 54 Mbps                 | 3        | 5         | 15.1        | 14.7        | 16.0        |      | 20.1        | 23.2        | 3.1        |
|      | Non HT40, 6 to 54 Mbps                 | 4        | 5         | 12.9        | 12.7        | 13.7        | 13.9 | 19.4        | 23.2        | 3.8        |
|      | HT/VHT40, M0 to M7                     | 1        | 5         | 17.3        |             |             |      | 17.3        | 24.0        | 6.7        |
|      | HT/VHT40, M0 to M7                     | 2        | 5         | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M8 to M15                    | 2        | 5         | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M0 to M7                     | 3        | 5         | 15.0        | 14.6        | 15.9        |      | 20.0        | 24.0        | 4.0        |
|      | HT/VHT40, M8 to M15                    | 3        | 5         | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M16 to M23                   | 3        | 5         | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M0 to M7                     | 4        | 5         | 12.7        | 12.6        | 13.7        | 13.8 | 19.3        | 23.1        | 3.8        |
|      | HT/VHT40, M8 to M15                    | 4        | 5         | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40, M16 to M23                   | 4        | 5         | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 2        | 8         | 17.3        | 16.9        |             |      | 20.1        | 21.2        | 1.1        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 2        | 5         | 17.3        | 16.9        |             |      | 20.1        | 23.2        | 3.1        |
|      | <b>HT/VHT40 Beam Forming, M0 to M7</b> | <b>3</b> | <b>10</b> | <b>15.0</b> | <b>14.6</b> | <b>15.9</b> |      | <b>20.0</b> | <b>20.0</b> | <b>0.0</b> |
|      | HT/VHT40 Beam Forming, M8 to M15       | 3        | 7         | 17.3        | 16.9        | 17.9        |      | 22.2        | 22.2        | 0.0        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 3        | 5         | 17.3        | 16.9        | 17.9        |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 4        | 11        | 11.9        | 10.9        | 10.0        | 9.7  | 16.7        | 18.6        | 1.9        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 4        | 8         | 15.0        | 14.6        | 15.9        | 16.0 | 21.4        | 22.0        | 0.6        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 4        | 6         | 16.2        | 15.8        | 16.9        | 17.0 | 22.5        | 23.2        | 0.7        |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 5  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 5  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 5  | 16.2 | 15.8 | 16.9 | 17.0 | 22.5 | 23.2 | 0.7 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 5  | 16.0 |      |      |      | 16.0 | 24.0 | 8.0 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 5  | 14.8 | 14.3 |      |      | 17.6 | 24.0 | 6.4 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 5  | 13.5 | 12.9 | 13.9 |      | 18.2 | 24.0 | 5.8 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 5  | 12.3 | 11.9 | 12.5 | 12.8 | 18.4 | 24.0 | 5.6 |
|      | VHT80, M0 to M9 1ss                 | 1 | 5  | 17.5 |      |      |      | 17.5 | 24.0 | 6.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 5  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 2 | 5  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 3 | 5  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 2ss                 | 3 | 5  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 3ss                 | 3 | 5  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 1ss                 | 4 | 5  | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
|      | VHT80, M0 to M9 2ss                 | 4 | 5  | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
|      | VHT80, M0 to M9 3ss                 | 4 | 5  | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 8  | 16.4 | 15.8 |      |      | 19.1 | 22.0 | 2.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 5  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 10 | 12.0 | 11.6 | 12.0 |      | 16.6 | 20.0 | 3.4 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 7  | 15.2 | 14.6 | 15.1 |      | 19.7 | 23.0 | 3.3 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 5  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 11 | 11.1 | 9.0  | 8.1  | 8.7  | 15.4 | 19.0 | 3.6 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 8  | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 6  | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 5  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 5  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 5  | 15.1 | 14.6 | 14.1 | 14.6 | 20.6 | 24.0 | 3.4 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 17.5 |      |      |      | 17.5 | 23.6 | 6.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5  | 16.4 | 16.0 |      |      | 19.2 | 23.6 | 4.4 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 5  | 12.1 | 11.8 | 12.3 |      | 16.8 | 23.6 | 6.8 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 5  | 12.0 | 10.2 | 9.5  | 9.5  | 16.4 | 23.6 | 7.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 16.4 | 16.0 |      |      | 19.2 | 21.6 | 2.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 12.1 | 11.8 | 12.3 |      | 16.8 | 19.6 | 2.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 12.0 | 10.2 | 9.5  | 9.5  | 16.4 | 18.6 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 17.7 |      |      |      | 17.7 | 23.6 | 5.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 5  | 16.5 | 16.1 |      |      | 19.3 | 23.6 | 4.3 |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 5  | 12.1 | 12.0 | 12.5 |      | 17.0 | 23.6 | 6.6 |
|      | HT/VHT20, M8 to M15                 | 3 | 5  | 15.3 | 14.9 | 15.7 |      | 20.1 | 23.6 | 3.5 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 5  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 4 | 5  | 12.1 | 10.3 | 9.7  | 9.7  | 16.6 | 23.6 | 7.0 |
|      | HT/VHT20, M8 to M15                 | 4 | 5  | 13.2 | 13.0 | 13.5 | 14.4 | 19.6 | 23.6 | 4.0 |
|      | HT/VHT20, M16 to M23                | 4 | 5  | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 8  | 16.5 | 16.1 |      |      | 19.3 | 21.6 | 2.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 5  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 10 | 12.1 | 12.0 | 12.5 |      | 17.0 | 19.6 | 2.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 7  | 15.3 | 14.9 | 15.7 |      | 20.1 | 22.6 | 2.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 5  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 11 | 12.1 | 10.3 | 9.7  | 9.7  | 16.6 | 18.6 | 2.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 8  | 13.2 | 13.0 | 13.5 | 14.4 | 19.6 | 21.6 | 2.0 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 6  | 15.3 | 14.9 | 15.7 | 16.5 | 21.7 | 23.6 | 1.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 5  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 5  | 15.3 | 14.9 | 15.7 |      | 20.1 | 23.6 | 3.5 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 5  | 13.2 | 13.0 | 13.5 | 14.4 | 19.6 | 23.6 | 4.0 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5  | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 5  | 12.6 | 12.1 | 11.7 |      | 16.9 | 24.0 | 7.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 5  | 12.4 | 9.2  | 8.2  | 9.6  | 16.2 | 23.4 | 7.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 15.7 | 15.1 |      |      | 18.4 | 22.0 | 3.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 12.6 | 12.1 | 11.7 |      | 16.9 | 20.0 | 3.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 12.4 | 9.2  | 8.2  | 9.6  | 16.2 | 18.4 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 18.2 |      |      |      | 18.2 | 24.0 | 5.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 5  | 15.8 | 15.3 |      |      | 18.6 | 23.4 | 4.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 5  | 12.8 | 12.4 | 12.0 |      | 17.2 | 23.4 | 6.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 5  | 15.8 | 15.3 | 15.2 |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20, M16 to M23                | 3 | 5  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 5  | 12.6 | 9.3  | 8.4  | 9.7  | 16.3 | 23.4 | 7.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 5  | 13.7 | 13.3 | 12.9 | 14.3 | 19.6 | 23.4 | 3.8 |
|      | HT/VHT20, M16 to M23                | 4 | 5  | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 8  | 15.8 | 15.3 |      |      | 18.6 | 21.4 | 2.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 5  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 10 | 12.8 | 12.4 | 12.0 |      | 17.2 | 19.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 7  | 15.8 | 15.3 | 15.2 |      | 20.2 | 22.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 5  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 11 | 12.6 | 9.3  | 8.4  | 9.7  | 16.3 | 18.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 8  | 13.7 | 13.3 | 12.9 | 14.3 | 19.6 | 21.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 6  | 15.7 | 15.2 | 14.1 | 15.3 | 21.1 | 24.0 | 2.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 5  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 5  | 15.8 | 15.3 | 15.2 |      | 20.2 | 23.4 | 3.2 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 5  | 13.7 | 13.3 | 12.9 | 14.3 | 19.6 | 23.4 | 3.8 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 5  | 15.7 |      |      |      | 15.7 | 24.0 | 8.3 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 5  | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 5  | 14.5 | 14.0 | 13.7 |      | 18.9 | 24.0 | 5.1 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 5  | 13.5 | 13.0 | 12.6 | 13.6 | 19.2 | 24.0 | 4.8 |
|      | HT/VHT40, M0 to M7                  | 1 | 5  | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | HT/VHT40, M0 to M7                  | 2 | 5  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M8 to M15                 | 2 | 5  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M0 to M7                  | 3 | 5  | 15.7 | 15.0 | 14.8 |      | 20.0 | 24.0 | 4.0 |
|      | HT/VHT40, M8 to M15                 | 3 | 5  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M16 to M23                | 3 | 5  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M0 to M7                  | 4 | 5  | 13.4 | 13.0 | 12.6 | 13.5 | 19.2 | 24.0 | 4.8 |
|      | HT/VHT40, M8 to M15                 | 4 | 5  | 16.9 | 16.2 | 15.8 | 16.8 | 22.5 | 24.0 | 1.5 |
|      | HT/VHT40, M16 to M23                | 4 | 5  | 16.9 | 16.2 | 15.8 | 16.8 | 22.5 | 24.0 | 1.5 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 8  | 18.0 | 17.4 |      |      | 20.7 | 22.0 | 1.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 5  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 10 | 15.6 | 15.1 | 13.7 |      | 19.6 | 20.0 | 0.4 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 7  | 16.9 | 16.2 | 15.8 |      | 21.1 | 23.0 | 1.9 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 5  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 11 | 12.5 | 12.1 | 11.5 | 12.5 | 18.2 | 19.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 8  | 15.6 | 15.1 | 13.7 | 14.5 | 20.8 | 22.0 | 1.2 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 6  | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 5  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 5  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 5  | 16.9 | 16.2 | 15.8 | 16.8 | 22.5 | 24.0 | 1.5 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 17.8 |      |      |      | 17.8 | 23.6 | 5.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 5  | 16.7 | 16.3 |      |      | 19.5 | 23.6 | 4.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 5  | 12.5 | 12.2 | 11.2 |      | 16.8 | 23.6 | 6.8 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 5  | 11.9 | 8.2  | 7.2  | 9.6  | 15.6 | 23.5 | 7.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 16.7 | 16.3 |      |      | 19.5 | 21.6 | 2.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 12.5 | 12.2 | 11.2 |      | 16.8 | 19.6 | 2.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 11.9 | 8.2  | 7.2  | 9.6  | 15.6 | 18.5 | 2.9 |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 18.0 |      |      |      | 18.0 | 23.6 | 5.6 |
|      | HT/VHT20, M0 to M7                  | 2 | 5  | 16.8 | 16.5 |      |      | 19.7 | 23.6 | 3.9 |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 5  | 12.6 | 12.3 | 11.3 |      | 16.9 | 23.6 | 6.7 |
|      | HT/VHT20, M8 to M15                 | 3 | 5  | 15.7 | 15.3 | 14.7 |      | 20.0 | 23.6 | 3.6 |
|      | HT/VHT20, M16 to M23                | 3 | 5  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |





|                                   |   |    |      |      |      |      |      |      |     |
|-----------------------------------|---|----|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 5  | 12.1 | 8.3  | 7.4  | 9.7  | 15.8 | 23.6 | 7.8 |
| HT/VHT20, M8 to M15               | 4 | 5  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |
| HT/VHT20, M16 to M23              | 4 | 5  | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 8  | 16.8 | 16.5 |      |      | 19.7 | 21.6 | 1.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 5  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 10 | 12.6 | 12.3 | 11.3 |      | 16.9 | 19.6 | 2.7 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 7  | 15.7 | 15.3 | 14.7 |      | 20.0 | 22.6 | 2.6 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 5  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 11 | 12.1 | 8.3  | 7.4  | 9.7  | 15.8 | 18.6 | 2.8 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 8  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 21.6 | 1.8 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 6  | 15.7 | 15.3 | 14.7 | 15.7 | 21.4 | 23.6 | 2.2 |
| HT/VHT20 STBC, M0 to M7           | 2 | 5  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 3 | 5  | 15.7 | 15.3 | 14.7 |      | 20.0 | 23.6 | 3.6 |
| HT/VHT20 STBC, M0 to M7           | 4 | 5  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |





| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 5                             | -7.4               |                    |                    |                    | -7.4                | 11.0            | 18.4        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 8                             | -8.4               | -8.9               |                    |                    | -5.6                | 9.0             | 14.6        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 10                            | -8.9               | -11.1              | -11.1              |                    | -5.5                | 7.0             | 12.5        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 11                            | -8.9               | -11.1              | -11.1              | -12.0              | -4.6                | 6.0             | 10.6        |
|                 | VHT160, M0 to M9 1ss                | 1        | 5                             | -2.9               |                    |                    |                    | -2.9                | 11.0            | 13.9        |
|                 | VHT160, M0 to M9 1ss                | 2        | 8                             | -4.4               | -5.1               |                    |                    | -1.7                | 9.0             | 10.7        |
|                 | VHT160, M0 to M9 2ss                | 2        | 5                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160, M0 to M9 1ss                | 3        | 10                            | -6.4               | -7.0               | -6.6               |                    | -1.9                | 7.0             | 8.9         |
|                 | VHT160, M0 to M9 2ss                | 3        | 7                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 10.0            | 11.9        |
|                 | VHT160, M0 to M9 3ss                | 3        | 5                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160, M0 to M9 1ss                | 4        | 11                            | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 6.0             | 6.7         |
|                 | VHT160, M0 to M9 2ss                | 4        | 8                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 9.0             | 9.7         |
|                 | VHT160, M0 to M9 3ss                | 4        | 6                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 8                             | -6.4               | -7.0               |                    |                    | -3.7                | 9.0             | 12.7        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 5                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 10                            | -7.9               | -9.9               | -9.9               |                    | -4.4                | 7.0             | 11.4        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 7                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 10.0            | 13.0        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 5                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 11                            | -10.0              | -11.8              | -12.2              | -12.8              | -5.5                | 6.0             | 11.5        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 8                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 9.0             | 12.5        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 6                             | -7.6               | -7.9               | -7.7               | -8.3               | -1.8                | 11.0            | 12.8        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 5                             | -4.4               | -5.1               |                    |                    | -1.7                | 11.0            | 12.7        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 5                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 5                             | -6.4               | -7.0               | -6.6               | -7.1               | -0.7                | 11.0            | 11.7        |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 5                             | 6.6                |                    |                    |                    | 6.6                 | 11.0            | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 8                             | 5.1                | 5.3                |                    |                    | 8.2                 | 9.0             | 0.8         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 10                            | 1.1                | 1.0                | 2.4                |                    | 6.3                 | 7.0             | 0.7         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 11                            | -0.2               | -0.9               | -0.8               | -2.0               | 5.1                 | 6.0             | 0.9         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 8                             | 5.1                | 5.3                |                    |                    | 8.2                 | 9.0             | 0.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 10                            | 1.1                | 1.0                | 2.4                |                    | 6.3                 | 7.0             | 0.7         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 11                            | -0.2               | -0.9               | -0.8               | -2.0               | 5.1                 | 6.0             | 0.9         |
|                 | HT/VHT20, M0 to M7                  | 1        | 5                             | 6.3                |                    |                    |                    | 6.3                 | 11.0            | 4.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 8                             | 5.3                | 5.4                |                    |                    | 8.4                 | 9.0             | 0.6         |



|      |                                   |          |          |            |            |            |            |            |            |            |
|------|-----------------------------------|----------|----------|------------|------------|------------|------------|------------|------------|------------|
|      | HT/VHT20, M8 to M15               | 2        | 5        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20, M0 to M7                | 3        | 10       | 0.8        | 1.3        | 2.0        |            | 6.2        | 7.0        | 0.8        |
|      | HT/VHT20, M8 to M15               | 3        | 7        | 4.2        | 4.1        | 5.8        |            | 9.5        | 10.0       | 0.5        |
|      | HT/VHT20, M16 to M23              | 3        | 5        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20, M0 to M7                | 4        | 11       | 0.0        | -1.0       | -0.9       | -1.9       | 5.1        | 6.0        | 0.9        |
|      | <b>HT/VHT20, M8 to M15</b>        | <b>4</b> | <b>8</b> | <b>2.0</b> | <b>2.2</b> | <b>3.5</b> | <b>3.8</b> | <b>9.0</b> | <b>9.0</b> | <b>0.0</b> |
|      | HT/VHT20, M16 to M23              | 4        | 6        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2        | 8        | 5.3        | 5.4        |            |            | 8.4        | 9.0        | 0.6        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2        | 5        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3        | 10       | 0.8        | 1.3        | 2.0        |            | 6.2        | 7.0        | 0.8        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3        | 7        | 4.2        | 4.1        | 5.8        |            | 9.5        | 10.0       | 0.5        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3        | 5        | 5.3        | 5.4        | 7.1        |            | 10.8       | 11.0       | 0.2        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4        | 11       | 0.0        | -1.0       | -0.9       | -1.9       | 5.1        | 6.0        | 0.9        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4        | 8        | 2.0        | 2.2        | 3.5        | 3.8        | 9.0        | 9.0        | 0.0        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4        | 6        | 4.2        | 4.1        | 5.8        | 5.4        | 11.0       | 11.0       | 0.0        |
|      | HT/VHT20 STBC, M0 to M7           | 2        | 5        | 6.3        | 6.3        |            |            | 9.3        | 11.0       | 1.7        |
|      | HT/VHT20 STBC, M0 to M7           | 3        | 7        | 4.2        | 4.1        | 5.8        |            | 9.5        | 10.0       | 0.5        |
|      | HT/VHT20 STBC, M0 to M7           | 4        | 8        | 2.0        | 2.2        | 3.5        | 3.8        | 9.0        | 9.0        | 0.0        |
|      |                                   |          |          |            |            |            |            |            |            |            |
| 5270 | Non HT40, 6 to 54 Mbps            | 1        | 5        | 5.0        |            |            |            | 5.0        | 11.0       | 6.0        |
|      | Non HT40, 6 to 54 Mbps            | 2        | 8        | 5.0        | 4.8        |            |            | 7.9        | 9.0        | 1.1        |
|      | Non HT40, 6 to 54 Mbps            | 3        | 10       | 1.8        | 1.2        | 2.6        |            | 6.7        | 7.0        | 0.3        |
|      | Non HT40, 6 to 54 Mbps            | 4        | 11       | -0.2       | -0.8       | 0.2        | 0.4        | 5.9        | 6.0        | 0.1        |
|      | HT/VHT40, M0 to M7                | 1        | 5        | 4.1        |            |            |            | 4.1        | 11.0       | 6.9        |
|      | HT/VHT40, M0 to M7                | 2        | 8        | 4.1        | 3.2        |            |            | 6.7        | 9.0        | 2.3        |
|      | HT/VHT40, M8 to M15               | 2        | 5        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40, M0 to M7                | 3        | 10       | 1.3        | 0.8        | 2.7        |            | 6.4        | 7.0        | 0.6        |
|      | HT/VHT40, M8 to M15               | 3        | 7        | 4.1        | 3.2        | 4.2        |            | 8.6        | 10.0       | 1.4        |
|      | HT/VHT40, M16 to M23              | 3        | 5        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40, M0 to M7                | 4        | 11       | -0.9       | -1.3       | 0.1        | 0.0        | 5.5        | 6.0        | 0.5        |
|      | HT/VHT40, M8 to M15               | 4        | 8        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 9.0        | 0.1        |
|      | HT/VHT40, M16 to M23              | 4        | 6        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2        | 8        | 4.1        | 3.2        |            |            | 6.7        | 9.0        | 2.3        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2        | 5        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3        | 10       | 1.3        | 0.8        | 2.7        |            | 6.4        | 7.0        | 0.6        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3        | 7        | 4.1        | 3.2        | 4.2        |            | 8.6        | 10.0       | 1.4        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3        | 5        | 4.1        | 3.2        | 4.2        |            | 8.6        | 11.0       | 2.4        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4        | 11       | -1.7       | -2.8       | -3.4       | -4.0       | 3.1        | 6.0        | 2.9        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4        | 8        | 1.3        | 0.8        | 2.7        | 2.3        | 7.9        | 9.0        | 1.1        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4        | 6        | 2.7        | 2.0        | 3.4        | 3.3        | 8.9        | 11.0       | 2.1        |
|      | HT/VHT40 STBC, M0 to M7           | 2        | 5        | 4.1        | 3.2        |            |            | 6.7        | 11.0       | 4.3        |



|      |                                     |   |    |      |      |      |      |      |      |      |
|------|-------------------------------------|---|----|------|------|------|------|------|------|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 7  | 4.1  | 3.2  | 4.2  |      | 8.6  | 10.0 | 1.4  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 8  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 9.0  | 0.1  |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 5  | -0.4 |      |      |      | -0.4 | 11.0 | 11.4 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 8  | -1.6 | -2.2 |      |      | 1.1  | 9.0  | 7.9  |
|      | Non HT80, 6 to 54 Mbps              | 3 | 10 | -3.3 | -3.8 | -2.6 |      | 1.6  | 7.0  | 5.4  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 11 | -4.3 | -5.0 | -4.1 | -3.9 | 1.7  | 6.0  | 4.3  |
|      | VHT80, M0 to M9 1ss                 | 1 | 5  | 0.2  |      |      |      | 0.2  | 11.0 | 10.8 |
|      | VHT80, M0 to M9 1ss                 | 2 | 8  | 0.2  | -0.1 |      |      | 3.1  | 9.0  | 5.9  |
|      | VHT80, M0 to M9 2ss                 | 2 | 5  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80, M0 to M9 1ss                 | 3 | 10 | -0.7 | -1.7 | -0.5 |      | 3.8  | 7.0  | 3.2  |
|      | VHT80, M0 to M9 2ss                 | 3 | 7  | -0.7 | -1.7 | -0.5 |      | 3.8  | 10.0 | 6.2  |
|      | VHT80, M0 to M9 3ss                 | 3 | 5  | -0.7 | -1.7 | -0.5 |      | 3.8  | 11.0 | 7.2  |
|      | VHT80, M0 to M9 1ss                 | 4 | 11 | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 6.0  | 2.3  |
|      | VHT80, M0 to M9 2ss                 | 4 | 8  | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 9.0  | 5.3  |
|      | VHT80, M0 to M9 3ss                 | 4 | 6  | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 11.0 | 7.3  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 8  | -0.7 | -1.7 |      |      | 1.8  | 9.0  | 7.2  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 5  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 10 | -5.1 | -5.8 | -5.0 |      | -0.5 | 7.0  | 7.5  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 7  | -1.9 | -2.7 | -1.6 |      | 2.7  | 10.0 | 7.3  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 5  | -0.7 | -1.7 | -0.5 |      | 3.8  | 11.0 | 7.2  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 11 | -6.1 | -7.6 | -7.9 | -8.9 | -1.5 | 6.0  | 7.5  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 8  | -5.1 | -5.8 | -5.0 | -4.5 | 0.9  | 9.0  | 8.1  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 6  | -3.3 | -3.7 | -4.2 | -2.7 | 2.6  | 11.0 | 8.4  |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 5  | 0.2  | -0.1 |      |      | 3.1  | 11.0 | 7.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 5  | -0.7 | -1.7 | -0.5 |      | 3.8  | 11.0 | 7.2  |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 5  | -1.9 | -2.5 | -2.3 | -2.6 | 3.7  | 11.0 | 7.3  |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 5.8  | 5.3  |      |      | 8.6  | 9.0  | 0.4  |
|      | Non HT20, 6 to 54 Mbps              | 3 | 10 | 1.8  | 1.1  | 1.9  |      | 6.4  | 7.0  | 0.6  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 11 | 1.5  | -0.4 | -0.9 | -1.1 | 5.9  | 6.0  | 0.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 5.8  | 5.3  |      |      | 8.6  | 9.0  | 0.4  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 1.8  | 1.1  | 1.9  |      | 6.4  | 7.0  | 0.6  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 1.5  | -0.4 | -0.9 | -1.1 | 5.9  | 6.0  | 0.1  |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 7.0  |      |      |      | 7.0  | 11.0 | 4.0  |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 5.7  | 5.2  |      |      | 8.5  | 9.0  | 0.5  |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3  |
|      | HT/VHT20, M0 to M7                  | 3 | 10 | 1.4  | 1.0  | 1.8  |      | 6.2  | 7.0  | 0.8  |
|      | HT/VHT20, M8 to M15                 | 3 | 7  | 4.7  | 4.1  | 4.9  |      | 9.4  | 10.0 | 0.6  |
|      | HT/VHT20, M16 to M23                | 3 | 5  | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6  |



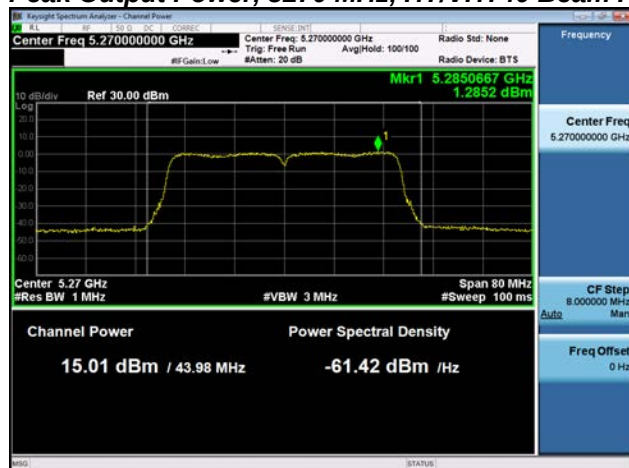
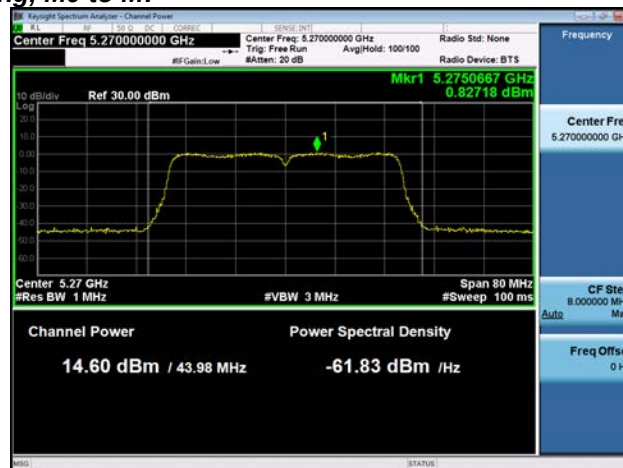
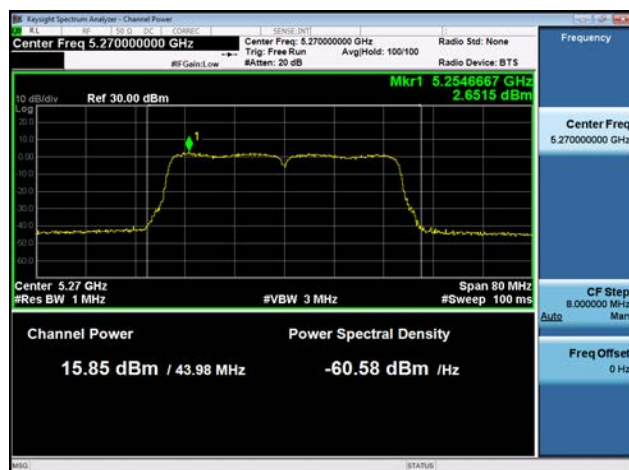
|      |                                     |   |    |     |      |      |      |      |      |     |
|------|-------------------------------------|---|----|-----|------|------|------|------|------|-----|
|      | HT/VHT20, M0 to M7                  | 4 | 11 | 1.6 | -0.6 | -0.7 | -1.0 | 6.0  | 6.0  | 0.0 |
|      | HT/VHT20, M8 to M15                 | 4 | 8  | 2.5 | 2.1  | 2.8  | 3.8  | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20, M16 to M23                | 4 | 6  | 4.7 | 4.1  | 4.9  | 5.5  | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 8  | 5.7 | 5.2  |      |      | 8.5  | 9.0  | 0.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 5  | 7.0 | 6.4  |      |      | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 10 | 1.4 | 1.0  | 1.8  |      | 6.2  | 7.0  | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 7  | 4.7 | 4.1  | 4.9  |      | 9.4  | 10.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 5  | 5.7 | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 11 | 1.6 | -0.6 | -0.7 | -1.0 | 6.0  | 6.0  | 0.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 8  | 2.5 | 2.1  | 2.8  | 3.8  | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 6  | 4.7 | 4.1  | 4.9  | 5.5  | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 5  | 7.0 | 6.4  |      |      | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 7  | 4.7 | 4.1  | 4.9  |      | 9.4  | 10.0 | 0.6 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 8  | 2.5 | 2.1  | 2.8  | 3.8  | 8.9  | 9.0  | 0.1 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 7.5 |      |      |      | 7.5  | 11.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 5.1 | 4.8  |      |      | 8.0  | 9.0  | 1.0 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 10 | 2.2 | 1.7  | 1.2  |      | 6.5  | 7.0  | 0.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 11 | 1.7 | -1.1 | -2.3 | -1.2 | 5.6  | 6.0  | 0.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 5.1 | 4.8  |      |      | 8.0  | 9.0  | 1.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 2.2 | 1.7  | 1.2  |      | 6.5  | 7.0  | 0.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 1.7 | -1.1 | -2.3 | -1.2 | 5.6  | 6.0  | 0.4 |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 7.3 |      |      |      | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 5.5 | 4.4  |      |      | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 7.3 | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 10 | 2.2 | 1.5  | 1.2  |      | 6.4  | 7.0  | 0.6 |
|      | HT/VHT20, M8 to M15                 | 3 | 7  | 5.5 | 4.4  | 4.8  |      | 9.7  | 10.0 | 0.3 |
|      | HT/VHT20, M16 to M23                | 3 | 5  | 6.6 | 5.7  | 5.6  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 11 | 1.7 | -1.3 | -1.7 | -1.0 | 5.7  | 6.0  | 0.3 |
|      | HT/VHT20, M8 to M15                 | 4 | 8  | 2.9 | 2.5  | 2.5  | 3.6  | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20, M16 to M23                | 4 | 6  | 5.4 | 4.4  | 3.3  | 4.4  | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 8  | 5.5 | 4.4  |      |      | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 5  | 7.3 | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 10 | 2.2 | 1.5  | 1.2  |      | 6.4  | 7.0  | 0.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 7  | 5.5 | 4.4  | 4.8  |      | 9.7  | 10.0 | 0.3 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 5  | 6.6 | 5.7  | 5.6  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 11 | 1.7 | -1.3 | -1.7 | -1.0 | 5.7  | 6.0  | 0.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 8  | 2.9 | 2.5  | 2.5  | 3.6  | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 6  | 5.4 | 4.4  | 3.3  | 4.4  | 10.5 | 11.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 5  | 7.3 | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 7  | 5.5 | 4.4  | 4.8  |      | 9.7  | 10.0 | 0.3 |

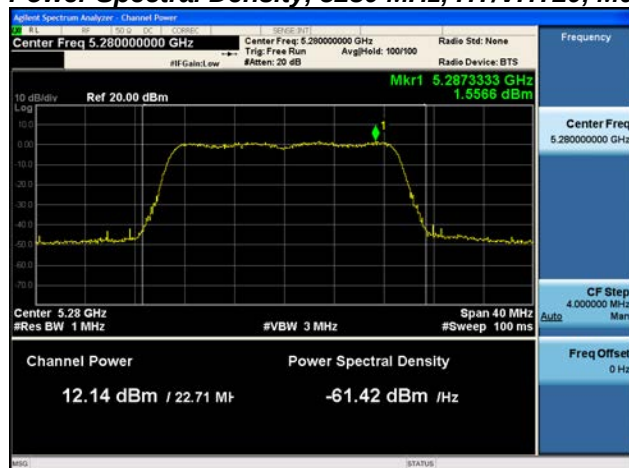
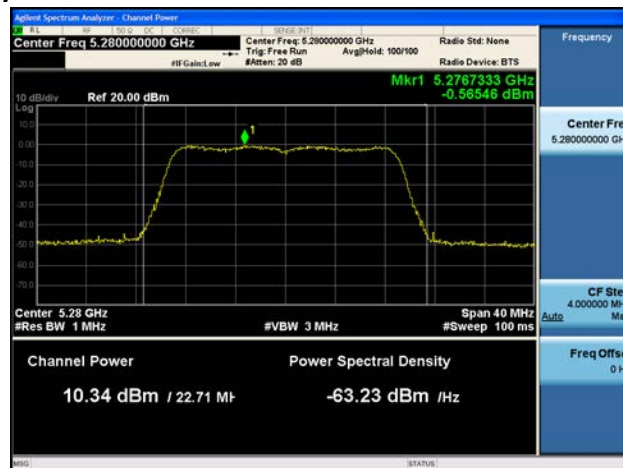
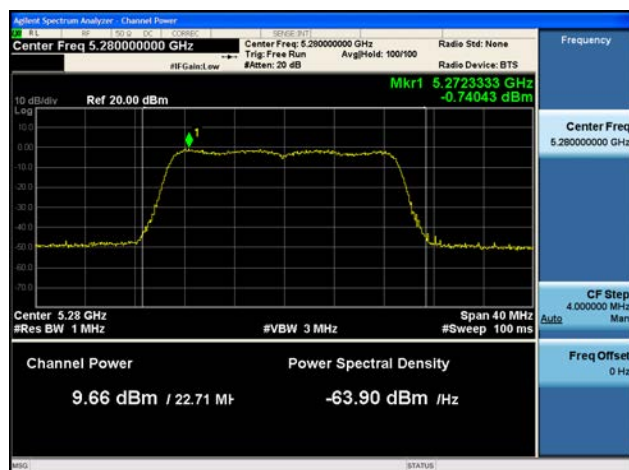


|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 8  | 2.9  | 2.5  | 2.5  | 3.6  | 8.9  | 9.0  | 0.1 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 5  | 2.1  |      |      |      | 2.1  | 11.0 | 8.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 8  | 2.1  | 1.6  |      |      | 4.9  | 9.0  | 4.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 10 | 1.1  | 0.7  | 0.3  |      | 5.5  | 7.0  | 1.5 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 11 | 0.1  | -0.3 | -0.8 | 0.2  | 5.8  | 6.0  | 0.2 |
|      | HT/VHT40, M0 to M7                  | 1 | 5  | 4.2  |      |      |      | 4.2  | 11.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 8  | 4.2  | 3.6  |      |      | 6.9  | 9.0  | 2.1 |
|      | HT/VHT40, M8 to M15                 | 2 | 5  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 10 | 1.7  | 1.5  | 1.7  |      | 6.4  | 7.0  | 0.6 |
|      | HT/VHT40, M8 to M15                 | 3 | 7  | 4.2  | 3.6  | 3.1  |      | 8.4  | 10.0 | 1.6 |
|      | HT/VHT40, M16 to M23                | 3 | 5  | 4.2  | 3.6  | 3.1  |      | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 11 | -0.3 | -0.7 | -0.9 | 0.2  | 5.6  | 6.0  | 0.4 |
|      | HT/VHT40, M8 to M15                 | 4 | 8  | 3.2  | 2.4  | 2.3  | 3.2  | 8.8  | 9.0  | 0.2 |
|      | HT/VHT40, M16 to M23                | 4 | 6  | 3.2  | 2.4  | 2.3  | 3.2  | 8.8  | 11.0 | 2.2 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 8  | 4.2  | 3.6  |      |      | 6.9  | 9.0  | 2.1 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 5  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 10 | 2.0  | 1.4  | 0.0  |      | 6.0  | 7.0  | 1.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 7  | 3.2  | 2.4  | 2.3  |      | 7.4  | 10.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 5  | 4.2  | 3.6  | 3.1  |      | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 11 | -1.2 | -1.5 | -2.0 | -1.2 | 4.6  | 6.0  | 1.4 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 8  | 2.0  | 1.4  | 0.0  | 0.9  | 7.2  | 9.0  | 1.8 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 6  | 1.7  | 1.5  | 1.7  | 2.2  | 7.8  | 11.0 | 3.2 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 5  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 7  | 4.2  | 3.6  | 3.1  |      | 8.4  | 10.0 | 1.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 8  | 3.2  | 2.4  | 2.3  | 3.2  | 8.8  | 9.0  | 0.2 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 5  | 7.3  |      |      |      | 7.3  | 11.0 | 3.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 6.0  | 5.7  |      |      | 8.9  | 9.0  | 0.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 10 | 2.1  | 1.6  | 0.5  |      | 6.2  | 7.0  | 0.8 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 11 | 1.4  | -2.3 | -3.3 | -0.7 | 5.2  | 6.0  | 0.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 8  | 6.0  | 5.7  |      |      | 8.9  | 9.0  | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 10 | 2.1  | 1.6  | 0.5  |      | 6.2  | 7.0  | 0.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 11 | 1.4  | -2.3 | -3.3 | -0.7 | 5.2  | 6.0  | 0.8 |
|      | HT/VHT20, M0 to M7                  | 1 | 5  | 7.3  |      |      |      | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 5.9  | 5.8  |      |      | 8.9  | 9.0  | 0.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 5  | 7.3  | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 10 | 1.9  | 2.0  | 0.8  |      | 6.4  | 7.0  | 0.6 |
|      | HT/VHT20, M8 to M15                 | 3 | 7  | 4.9  | 4.5  | 4.2  |      | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20, M16 to M23                | 3 | 5  | 5.9  | 5.8  | 4.8  |      | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 4 | 11 | 1.5  | -2.5 | -3.0 | -1.0 | 5.1  | 6.0  | 0.9 |



|                                   |   |    |     |      |      |      |      |      |     |
|-----------------------------------|---|----|-----|------|------|------|------|------|-----|
| HT/VHT20, M8 to M15               | 4 | 8  | 3.6 | 3.4  | 1.6  | 2.7  | 8.9  | 9.0  | 0.1 |
| HT/VHT20, M16 to M23              | 4 | 6  | 4.9 | 4.5  | 4.2  | 4.9  | 10.7 | 11.0 | 0.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 8  | 5.9 | 5.8  |      |      | 8.9  | 9.0  | 0.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 5  | 7.3 | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 10 | 1.9 | 2.0  | 0.8  |      | 6.4  | 7.0  | 0.6 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 7  | 4.9 | 4.5  | 4.2  |      | 9.3  | 10.0 | 0.7 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 5  | 5.9 | 5.8  | 4.8  |      | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 11 | 1.5 | -2.5 | -3.0 | -1.0 | 5.1  | 6.0  | 0.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 8  | 3.6 | 3.4  | 1.6  | 2.7  | 8.9  | 9.0  | 0.1 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 6  | 4.9 | 4.5  | 4.2  | 4.9  | 10.7 | 11.0 | 0.3 |
| HT/VHT20 STBC, M0 to M7           | 2 | 5  | 7.3 | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 7  | 4.9 | 4.5  | 4.2  |      | 9.3  | 10.0 | 0.7 |
| HT/VHT20 STBC, M0 to M7           | 4 | 8  | 3.6 | 3.4  | 1.6  | 2.7  | 8.9  | 9.0  | 0.1 |

**Peak Output Power, 5270 MHz, HT/VHT40 Beam Forming, M0 to M7****Antenna A****Antenna B****Antenna C**

**Power Spectral Density, 5280 MHz, HT/VHT20, M0 to M7****Antenna A****Antenna B****Antenna C****Antenna D**





## Antenna Gain : 6 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 6                             | 11.7                 |                      |                      |                      | 11.7                         | 24.0        | 12.3        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 6                             | 10.7                 | 10.2                 |                      |                      | 13.5                         | 24.0        | 10.5        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 6                             | 10.6                 | 8.0                  | 7.7                  |                      | 13.7                         | 24.0        | 10.3        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 6                             | 9.6                  | 7.1                  | 6.6                  | 6.9                  | 13.8                         | 24.0        | 10.2        |
|                 | VHT160, M0 to M9 1ss                | 1        | 6                             | 15.4                 |                      |                      |                      | 15.4                         | 24.0        | 8.6         |
|                 | VHT160, M0 to M9 1ss                | 2        | 6                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 24.0        | 7.0         |
|                 | VHT160, M0 to M9 2ss                | 2        | 6                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 24.0        | 7.0         |
|                 | VHT160, M0 to M9 1ss                | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 2ss                | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 3ss                | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160, M0 to M9 1ss                | 4        | 6                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 24.0        | 7.7         |
|                 | VHT160, M0 to M9 2ss                | 4        | 6                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 24.0        | 7.7         |
|                 | VHT160, M0 to M9 3ss                | 4        | 6                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 24.0        | 7.7         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 9                             | 12.2                 | 9.6                  |                      |                      | 14.1                         | 21.0        | 6.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 6                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 24.0        | 7.0         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 11                            | 8.7                  | 6.3                  | 6.1                  |                      | 12.0                         | 19.0        | 7.0         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 8                             | 12.2                 | 9.6                  | 9.3                  |                      | 15.3                         | 22.0        | 6.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 12                            | 6.8                  | 4.3                  | 4.3                  | 4.3                  | 11.1                         | 18.0        | 6.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 9                             | 10.2                 | 7.6                  | 7.1                  | 7.4                  | 14.3                         | 21.0        | 6.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 7                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 23.0        | 6.7         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 6                             | 14.2                 | 13.7                 |                      |                      | 17.0                         | 24.0        | 7.0         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 6                             | 13.2                 | 12.8                 | 13.2                 |                      | 17.8                         | 24.0        | 6.2         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 6                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 24.0        | 7.7         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 6                             | 17.1                 |                      |                      |                      | 17.1                         | 23.5        | 6.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 6                             | 14.8                 | 14.7                 |                      |                      | 17.8                         | 23.2        | 5.4         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 6                             | 11.5                 | 10.6                 | 10.5                 |                      | 15.7                         | 23.1        | 7.4         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 6                             | 9.5                  | 8.7                  | 8.7                  | 7.6                  | 14.7                         | 23.4        | 8.7         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 9                             | 14.8                 | 14.7                 |                      |                      | 17.8                         | 20.2        | 2.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 11                            | 11.5                 | 10.6                 | 10.5                 |                      | 15.7                         | 18.1        | 2.4         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 12                            | 9.5                  | 8.7                  | 8.7                  | 7.6                  | 14.7                         | 17.4        | 2.7         |
|                 | HT/VHT20, M0 to M7                  | 1        | 6                             | 17.2                 |                      |                      |                      | 17.2                         | 24.0        | 6.8         |



|      |                                        |          |          |             |             |      |      |             |             |            |
|------|----------------------------------------|----------|----------|-------------|-------------|------|------|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                     | 2        | 6        | 14.9        | 14.8        |      |      | 17.9        | 23.4        | 5.5        |
|      | HT/VHT20, M8 to M15                    | 2        | 6        | 17.2        | 17.1        |      |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20, M0 to M7                     | 3        | 6        | 11.7        | 10.9        | 10.8 |      | 15.9        | 23.4        | 7.5        |
|      | HT/VHT20, M8 to M15                    | 3        | 6        | 14.8        | 14.8        | 15.3 |      | 19.7        | 23.4        | 3.7        |
|      | HT/VHT20, M16 to M23                   | 3        | 6        | 16.1        | 16.0        | 17.4 |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20, M0 to M7                     | 4        | 6        | 9.7         | 9.0         | 8.8  | 7.8  | 14.9        | 23.4        | 8.5        |
|      | HT/VHT20, M8 to M15                    | 4        | 6        | 11.8        | 11.8        | 13.0 | 13.0 | 18.5        | 23.4        | 4.9        |
|      | HT/VHT20, M16 to M23                   | 4        | 6        | 13.7        | 13.8        | 13.9 | 14.0 | 19.9        | 23.1        | 3.2        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 2        | 9        | 14.9        | 14.8        |      |      | 17.9        | 20.4        | 2.5        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 2        | 6        | 17.2        | 17.1        |      |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 3        | 11       | 11.7        | 10.9        | 10.8 |      | 15.9        | 18.4        | 2.5        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 3        | 8        | 14.8        | 14.8        | 15.3 |      | 19.7        | 21.4        | 1.7        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 3        | 6        | 16.1        | 16.0        | 17.4 |      | 21.3        | 23.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M0 to M7        | 4        | 12       | 9.7         | 9.0         | 8.8  | 7.8  | 14.9        | 17.4        | 2.5        |
|      | HT/VHT20 Beam Forming, M8 to M15       | 4        | 9        | 11.8        | 11.8        | 13.0 | 13.0 | 18.5        | 20.4        | 1.9        |
|      | HT/VHT20 Beam Forming, M16 to M23      | 4        | 7        | 13.7        | 13.8        | 13.9 | 14.0 | 19.9        | 22.1        | 2.2        |
|      | HT/VHT20 STBC, M0 to M7                | 2        | 6        | 17.2        | 17.1        |      |      | 20.2        | 23.4        | 3.2        |
|      | HT/VHT20 STBC, M0 to M7                | 3        | 6        | 14.8        | 14.8        | 15.3 |      | 19.7        | 23.4        | 3.7        |
|      | HT/VHT20 STBC, M0 to M7                | 4        | 6        | 11.8        | 11.8        | 13.0 | 13.0 | 18.5        | 23.4        | 4.9        |
| 5270 | Non HT40, 6 to 54 Mbps                 | 1        | 6        | 18.5        |             |      |      | 18.5        | 24.0        | 5.5        |
|      | Non HT40, 6 to 54 Mbps                 | 2        | 6        | 18.5        | 18.3        |      |      | 21.4        | 24.0        | 2.6        |
|      | Non HT40, 6 to 54 Mbps                 | 3        | 6        | 13.8        | 13.6        | 14.8 |      | 18.9        | 24.0        | 5.1        |
|      | Non HT40, 6 to 54 Mbps                 | 4        | 6        | 13.0        | 12.0        | 11.2 | 10.9 | 17.9        | 23.2        | 5.3        |
|      | HT/VHT40, M0 to M7                     | 1        | 6        | 17.3        |             |      |      | 17.3        | 24.0        | 6.7        |
|      | HT/VHT40, M0 to M7                     | 2        | 6        | 17.3        | 16.9        |      |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M8 to M15                    | 2        | 6        | 17.3        | 16.9        |      |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40, M0 to M7                     | 3        | 6        | 14.9        | 14.6        | 14.8 |      | 19.5        | 23.6        | 4.1        |
|      | HT/VHT40, M8 to M15                    | 3        | 6        | 17.3        | 16.9        | 17.9 |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M16 to M23                   | 3        | 6        | 17.3        | 16.9        | 17.9 |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40, M0 to M7                     | 4        | 6        | 11.7        | 11.6        | 12.6 | 12.8 | 18.2        | 23.1        | 4.9        |
|      | HT/VHT40, M8 to M15                    | 4        | 6        | 15.0        | 14.6        | 15.9 | 16.0 | 21.4        | 24.0        | 2.6        |
|      | HT/VHT40, M16 to M23                   | 4        | 6        | 16.2        | 15.8        | 16.9 | 17.0 | 22.5        | 23.2        | 0.7        |
|      | <b>HT/VHT40 Beam Forming, M0 to M7</b> | <b>2</b> | <b>9</b> | <b>17.3</b> | <b>16.9</b> |      |      | <b>20.1</b> | <b>20.2</b> | <b>0.1</b> |
|      | HT/VHT40 Beam Forming, M8 to M15       | 2        | 6        | 17.3        | 16.9        |      |      | 20.1        | 23.2        | 3.1        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 3        | 11       | 12.7        | 12.6        | 13.7 |      | 17.8        | 18.2        | 0.4        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 3        | 8        | 16.2        | 15.8        | 16.9 |      | 21.1        | 21.2        | 0.1        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 3        | 6        | 17.3        | 16.9        | 17.9 |      | 22.2        | 23.2        | 1.0        |
|      | HT/VHT40 Beam Forming, M0 to M7        | 4        | 12       | 11.9        | 10.9        | 10.0 | 9.7  | 16.7        | 17.6        | 0.9        |
|      | HT/VHT40 Beam Forming, M8 to M15       | 4        | 9        | 13.6        | 13.5        | 13.5 | 14.8 | 19.9        | 20.2        | 0.3        |
|      | HT/VHT40 Beam Forming, M16 to M23      | 4        | 7        | 15.0        | 14.6        | 15.9 | 16.0 | 21.4        | 23.0        | 1.6        |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 6  | 17.3 | 16.9 |      |      | 20.1 | 23.2 | 3.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 6  | 17.3 | 16.9 | 17.9 |      | 22.2 | 23.2 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 6  | 15.0 | 14.6 | 15.9 | 16.0 | 21.4 | 24.0 | 2.6 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 6  | 16.0 |      |      |      | 16.0 | 24.0 | 8.0 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 6  | 13.5 | 12.9 |      |      | 16.2 | 24.0 | 7.8 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 6  | 12.3 | 11.9 | 12.5 |      | 17.0 | 24.0 | 7.0 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 6  | 11.4 | 10.9 | 11.2 | 11.8 | 17.4 | 24.0 | 6.6 |
|      | VHT80, M0 to M9 1ss                 | 1 | 6  | 17.5 |      |      |      | 17.5 | 24.0 | 6.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 6  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 2 | 6  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 2ss                 | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 3ss                 | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80, M0 to M9 1ss                 | 4 | 6  | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
|      | VHT80, M0 to M9 2ss                 | 4 | 6  | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
|      | VHT80, M0 to M9 3ss                 | 4 | 6  | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 9  | 15.2 | 14.6 |      |      | 17.9 | 21.0 | 3.1 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 6  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 11 | 12.2 | 10.0 | 9.1  |      | 15.4 | 19.0 | 3.6 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 12 | 10.1 | 8.0  | 7.0  | 7.7  | 14.4 | 18.0 | 3.6 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 9  | 12.2 | 10.0 | 9.1  | 9.8  | 16.5 | 21.0 | 4.5 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 7  | 12.9 | 12.6 | 13.0 | 13.5 | 19.0 | 23.0 | 4.0 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 6  | 17.5 | 16.9 |      |      | 20.2 | 24.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 6  | 16.4 | 15.8 | 16.3 |      | 20.9 | 24.0 | 3.1 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 6  | 13.9 | 13.5 | 12.9 | 14.6 | 19.8 | 24.0 | 4.2 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 6  | 17.5 |      |      |      | 17.5 | 23.6 | 6.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6  | 15.2 | 14.8 |      |      | 18.0 | 23.6 | 5.6 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 6  | 12.0 | 10.2 | 9.5  |      | 15.5 | 23.6 | 8.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 6  | 11.0 | 9.2  | 8.6  | 8.5  | 15.5 | 23.6 | 8.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 9  | 15.2 | 14.8 |      |      | 18.0 | 20.6 | 2.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 11 | 12.0 | 10.2 | 9.5  |      | 15.5 | 18.6 | 3.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 12 | 11.0 | 9.2  | 8.6  | 8.5  | 15.5 | 17.6 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 6  | 17.7 |      |      |      | 17.7 | 23.6 | 5.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 6  | 15.3 | 14.9 |      |      | 18.1 | 23.6 | 5.5 |
|      | HT/VHT20, M8 to M15                 | 2 | 6  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 6  | 12.1 | 10.3 | 9.7  |      | 15.6 | 23.6 | 8.0 |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 14.1 | 13.9 | 13.3 |      | 18.6 | 23.6 | 5.0 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 6  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 4 | 6  | 10.1 | 8.5  | 7.8  | 7.6  | 14.6 | 23.6 | 9.0 |
|      | HT/VHT20, M8 to M15                 | 4 | 6  | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 23.6 | 5.1 |
|      | HT/VHT20, M16 to M23                | 4 | 6  | 14.1 | 13.9 | 13.3 | 14.3 | 19.9 | 23.6 | 3.7 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 9  | 15.3 | 14.9 |      |      | 18.1 | 20.6 | 2.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 6  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 11 | 12.1 | 10.3 | 9.7  |      | 15.6 | 18.6 | 3.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 8  | 14.1 | 13.9 | 13.3 |      | 18.6 | 21.6 | 3.0 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 6  | 16.5 | 16.1 | 16.8 |      | 21.2 | 23.6 | 2.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 12 | 10.1 | 8.5  | 7.8  | 7.6  | 14.6 | 17.6 | 3.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 9  | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 20.6 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 7  | 14.1 | 13.9 | 13.3 | 14.3 | 19.9 | 22.6 | 2.7 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 6  | 17.7 | 17.2 |      |      | 20.5 | 23.6 | 3.1 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 6  | 14.1 | 13.9 | 13.3 |      | 18.6 | 23.6 | 5.0 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 6  | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 23.6 | 5.1 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 6  | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6  | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 6  | 12.4 | 9.2  | 8.2  |      | 15.1 | 23.4 | 8.3 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 6  | 11.3 | 8.2  | 7.3  | 8.5  | 15.1 | 23.4 | 8.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 9  | 15.7 | 15.1 |      |      | 18.4 | 21.0 | 2.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 11 | 12.4 | 9.2  | 8.2  |      | 15.1 | 18.4 | 3.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 12 | 11.3 | 8.2  | 7.3  | 8.5  | 15.1 | 17.4 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 1 | 6  | 18.2 |      |      |      | 18.2 | 24.0 | 5.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 6  | 15.8 | 15.3 |      |      | 18.6 | 23.4 | 4.8 |
|      | HT/VHT20, M8 to M15                 | 2 | 6  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 6  | 12.6 | 9.3  | 8.4  |      | 15.3 | 23.4 | 8.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 14.7 | 14.3 | 12.8 |      | 18.8 | 23.1 | 4.3 |
|      | HT/VHT20, M16 to M23                | 3 | 6  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 6  | 11.5 | 8.4  | 7.4  | 8.7  | 15.3 | 23.4 | 8.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 6  | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 23.4 | 4.8 |
|      | HT/VHT20, M16 to M23                | 4 | 6  | 14.7 | 14.3 | 12.8 | 14.2 | 20.1 | 23.1 | 3.0 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 9  | 15.8 | 15.3 |      |      | 18.6 | 20.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 6  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 11 | 12.6 | 9.3  | 8.4  |      | 15.3 | 18.4 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 8  | 14.7 | 14.3 | 12.8 |      | 18.8 | 21.1 | 2.3 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 6  | 17.0 | 16.4 | 16.3 |      | 21.3 | 23.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 12 | 11.5 | 8.4  | 7.4  | 8.7  | 15.3 | 17.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 9  | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 20.4 | 1.8 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 7  | 14.7 | 14.3 | 12.8 | 14.2 | 20.1 | 22.1 | 2.0 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 6  | 18.2 | 17.5 |      |      | 20.9 | 24.0 | 3.1 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 6  | 14.7 | 14.3 | 12.8 |      | 18.8 | 23.1 | 4.3 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 6  | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 23.4 | 4.8 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 6  | 15.7 |      |      |      | 15.7 | 24.0 | 8.3 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 6  | 15.7 | 15.1 |      |      | 18.4 | 24.0 | 5.6 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 6  | 14.5 | 14.0 | 13.7 |      | 18.9 | 24.0 | 5.1 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 6  | 13.4 | 10.3 | 8.9  | 10.8 | 17.2 | 24.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 1 | 6  | 18.0 |      |      |      | 18.0 | 24.0 | 6.0 |
|      | HT/VHT40, M0 to M7                  | 2 | 6  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M8 to M15                 | 2 | 6  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40, M0 to M7                  | 3 | 6  | 15.6 | 15.1 | 13.7 |      | 19.6 | 24.0 | 4.4 |
|      | HT/VHT40, M8 to M15                 | 3 | 6  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M16 to M23                | 3 | 6  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40, M0 to M7                  | 4 | 6  | 12.5 | 12.1 | 11.5 | 12.5 | 18.2 | 24.0 | 5.8 |
|      | HT/VHT40, M8 to M15                 | 4 | 6  | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
|      | HT/VHT40, M16 to M23                | 4 | 6  | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 9  | 18.0 | 17.4 |      |      | 20.7 | 21.0 | 0.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 6  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 11 | 14.4 | 14.0 | 12.4 |      | 18.5 | 19.0 | 0.5 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 8  | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 6  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 12 | 12.2 | 9.1  | 7.7  | 9.6  | 16.0 | 18.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 9  | 14.4 | 14.0 | 12.4 | 14.6 | 20.0 | 21.0 | 1.0 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 7  | 15.6 | 15.1 | 13.7 | 14.5 | 20.8 | 23.0 | 2.2 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 6  | 18.0 | 17.4 |      |      | 20.7 | 24.0 | 3.3 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 6  | 18.0 | 17.4 | 16.8 |      | 22.2 | 24.0 | 1.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 6  | 15.7 | 15.0 | 14.8 | 15.7 | 21.3 | 24.0 | 2.7 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 6  | 17.8 |      |      |      | 17.8 | 23.6 | 5.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 6  | 15.5 | 15.1 |      |      | 18.3 | 23.6 | 5.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 6  | 11.9 | 8.2  | 7.2  |      | 14.4 | 23.5 | 9.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 6  | 10.9 | 7.2  | 6.2  | 8.5  | 14.6 | 23.6 | 9.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 9  | 15.5 | 15.1 |      |      | 18.3 | 20.6 | 2.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 11 | 11.9 | 8.2  | 7.2  |      | 14.4 | 18.5 | 4.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 12 | 10.9 | 7.2  | 6.2  | 8.5  | 14.6 | 17.6 | 3.0 |
|      | HT/VHT20, M0 to M7                  | 1 | 6  | 18.0 |      |      |      | 18.0 | 23.6 | 5.6 |
|      | HT/VHT20, M0 to M7                  | 2 | 6  | 15.7 | 15.3 |      |      | 18.5 | 23.6 | 5.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 6  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 6  | 12.1 | 8.3  | 7.4  |      | 14.5 | 23.6 | 9.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 6  | 14.6 | 14.3 | 12.2 |      | 18.6 | 23.6 | 5.0 |
|      | HT/VHT20, M16 to M23                | 3 | 6  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |



|                                   |   |    |      |      |      |      |      |      |     |
|-----------------------------------|---|----|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 6  | 11.1 | 7.3  | 6.4  | 8.6  | 14.8 | 23.6 | 8.8 |
| HT/VHT20, M8 to M15               | 4 | 6  | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 23.6 | 5.3 |
| HT/VHT20, M16 to M23              | 4 | 6  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 23.6 | 3.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 9  | 15.7 | 15.3 |      |      | 18.5 | 20.6 | 2.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 6  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 11 | 12.1 | 8.3  | 7.4  |      | 14.5 | 18.6 | 4.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 8  | 14.6 | 14.3 | 12.2 |      | 18.6 | 21.6 | 3.0 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 6  | 16.8 | 16.5 | 15.7 |      | 21.1 | 23.6 | 2.5 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 12 | 11.1 | 7.3  | 6.4  | 8.6  | 14.8 | 17.6 | 2.8 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 9  | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 20.6 | 2.3 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 7  | 14.6 | 14.3 | 12.2 | 13.5 | 19.8 | 22.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 2 | 6  | 18.0 | 17.6 |      |      | 20.8 | 23.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 3 | 6  | 14.6 | 14.3 | 12.2 |      | 18.6 | 23.6 | 5.0 |
| HT/VHT20 STBC, M0 to M7           | 4 | 6  | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 23.6 | 5.3 |



| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 6                             | -7.4               |                    |                    |                    | -7.4                | 11.0            | 18.4        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 9                             | -8.4               | -8.9               |                    |                    | -5.6                | 8.0             | 13.6        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 11                            | -8.9               | -11.1              | -11.1              |                    | -5.5                | 6.0             | 11.5        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 12                            | -9.9               | -12.2              | -11.6              | -12.8              | -5.5                | 5.0             | 10.5        |
|                 | VHT160, M0 to M9 1ss                | 1        | 6                             | -4.4               |                    |                    |                    | -4.4                | 11.0            | 15.4        |
|                 | VHT160, M0 to M9 1ss                | 2        | 9                             | -5.5               | -6.1               |                    |                    | -2.8                | 8.0             | 10.8        |
|                 | VHT160, M0 to M9 2ss                | 2        | 6                             | -5.5               | -6.1               |                    |                    | -2.8                | 11.0            | 13.8        |
|                 | VHT160, M0 to M9 1ss                | 3        | 11                            | -6.4               | -7.0               | -6.6               |                    | -1.9                | 6.0             | 7.9         |
|                 | VHT160, M0 to M9 2ss                | 3        | 8                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 9.0             | 10.9        |
|                 | VHT160, M0 to M9 3ss                | 3        | 6                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160, M0 to M9 1ss                | 4        | 12                            | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 5.0             | 8.5         |
|                 | VHT160, M0 to M9 2ss                | 4        | 9                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 8.0             | 11.5        |
|                 | VHT160, M0 to M9 3ss                | 4        | 7                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 10.0            | 13.5        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 9                             | -7.9               | -9.9               |                    |                    | -5.8                | 8.0             | 13.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 6                             | -5.5               | -6.1               |                    |                    | -2.8                | 11.0            | 13.8        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 11                            | -11.3              | -13.5              | -12.8              |                    | -7.7                | 6.0             | 13.7        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 8                             | -7.9               | -9.9               | -9.9               |                    | -4.4                | 9.0             | 13.4        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 6                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 12                            | -13.0              | -15.3              | -14.9              | -16.0              | -8.6                | 5.0             | 13.6        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 9                             | -10.0              | -11.8              | -12.2              | -12.8              | -5.5                | 8.0             | 13.5        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 7                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 10.0            | 13.5        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 6                             | -5.5               | -6.1               |                    |                    | -2.8                | 11.0            | 13.8        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 6                             | -6.4               | -7.0               | -6.6               |                    | -1.9                | 11.0            | 12.9        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 6                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 11.0            | 14.5        |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 6                             | 6.6                |                    |                    |                    | 6.6                 | 11.0            | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 9                             | 4.1                | 4.6                |                    |                    | 7.4                 | 8.0             | 0.6         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 11                            | 0.9                | 0.1                | -0.1               |                    | 5.1                 | 6.0             | 0.9         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 12                            | -0.9               | -2.0               | -2.0               | -2.7               | 4.2                 | 5.0             | 0.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 9                             | 4.1                | 4.6                |                    |                    | 7.4                 | 8.0             | 0.6         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 11                            | 0.9                | 0.1                | -0.1               |                    | 5.1                 | 6.0             | 0.9         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 12                            | -0.9               | -2.0               | -2.0               | -2.7               | 4.2                 | 5.0             | 0.8         |
|                 | HT/VHT20, M0 to M7                  | 1        | 6                             | 6.3                |                    |                    |                    | 6.3                 | 11.0            | 4.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 9                             | 4.2                | 4.1                |                    |                    | 7.2                 | 8.0             | 0.8         |





|      |                                   |   |    |      |      |      |      |      |      |     |
|------|-----------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M8 to M15               | 2 | 6  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20, M0 to M7                | 3 | 11 | 1.0  | 0.0  | 0.5  |      | 5.3  | 6.0  | 0.7 |
|      | HT/VHT20, M8 to M15               | 3 | 8  | 4.0  | 3.9  | 4.3  |      | 8.8  | 9.0  | 0.2 |
|      | HT/VHT20, M16 to M23              | 3 | 6  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                | 4 | 12 | -0.9 | -1.7 | -2.1 | -3.0 | 4.2  | 5.0  | 0.8 |
|      | HT/VHT20, M8 to M15               | 4 | 9  | 0.8  | 1.3  | 2.0  | 2.2  | 7.6  | 8.0  | 0.4 |
|      | HT/VHT20, M16 to M23              | 4 | 7  | 2.9  | 2.9  | 3.1  | 3.2  | 9.0  | 10.0 | 1.0 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 9  | 4.2  | 4.1  |      |      | 7.2  | 8.0  | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 6  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 11 | 1.0  | 0.0  | 0.5  |      | 5.3  | 6.0  | 0.7 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 8  | 4.0  | 3.9  | 4.3  |      | 8.8  | 9.0  | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 6  | 5.3  | 5.4  | 7.1  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 12 | -0.9 | -1.7 | -2.1 | -3.0 | 4.2  | 5.0  | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 9  | 0.8  | 1.3  | 2.0  | 2.2  | 7.6  | 8.0  | 0.4 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 7  | 2.9  | 2.9  | 3.1  | 3.2  | 9.0  | 10.0 | 1.0 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 6  | 6.3  | 6.3  |      |      | 9.3  | 11.0 | 1.7 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 8  | 4.0  | 3.9  | 4.3  |      | 8.8  | 9.0  | 0.2 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 9  | 0.8  | 1.3  | 2.0  | 2.2  | 7.6  | 8.0  | 0.4 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 6  | 5.0  |      |      |      | 5.0  | 11.0 | 6.0 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 9  | 5.0  | 4.8  |      |      | 7.9  | 8.0  | 0.1 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 11 | 0.7  | 0.4  | 1.3  |      | 5.6  | 6.0  | 0.4 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 12 | 0.2  | -1.3 | -1.7 | -2.4 | 4.8  | 5.0  | 0.2 |
|      | HT/VHT40, M0 to M7                | 1 | 6  | 4.1  |      |      |      | 4.1  | 11.0 | 6.9 |
|      | HT/VHT40, M0 to M7                | 2 | 9  | 4.1  | 3.2  |      |      | 6.7  | 8.0  | 1.3 |
|      | HT/VHT40, M8 to M15               | 2 | 6  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |
|      | HT/VHT40, M0 to M7                | 3 | 11 | 1.3  | 0.6  | 1.1  |      | 5.8  | 6.0  | 0.2 |
|      | HT/VHT40, M8 to M15               | 3 | 8  | 4.1  | 3.2  | 4.2  |      | 8.6  | 9.0  | 0.4 |
|      | HT/VHT40, M16 to M23              | 3 | 6  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40, M0 to M7                | 4 | 12 | -1.9 | -2.3 | -1.1 | -1.2 | 4.4  | 5.0  | 0.6 |
|      | HT/VHT40, M8 to M15               | 4 | 9  | 1.3  | 0.8  | 2.7  | 2.3  | 7.9  | 8.0  | 0.1 |
|      | HT/VHT40, M16 to M23              | 4 | 7  | 2.7  | 2.0  | 3.4  | 3.3  | 8.9  | 10.0 | 1.1 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 9  | 4.1  | 3.2  |      |      | 6.7  | 8.0  | 1.3 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 6  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 11 | -0.9 | -1.3 | 0.1  |      | 4.1  | 6.0  | 1.9 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 8  | 2.7  | 2.0  | 3.4  |      | 7.5  | 9.0  | 1.5 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 6  | 4.1  | 3.2  | 4.2  |      | 8.6  | 11.0 | 2.4 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 12 | -1.7 | -2.8 | -3.4 | -4.0 | 3.1  | 5.0  | 1.9 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 9  | -0.2 | -0.5 | -0.4 | 1.0  | 6.0  | 8.0  | 2.0 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 7  | 1.3  | 0.8  | 2.7  | 2.3  | 7.9  | 10.0 | 2.1 |
|      | HT/VHT40 STBC, M0 to M7           | 2 | 6  | 4.1  | 3.2  |      |      | 6.7  | 11.0 | 4.3 |





|      |                                     |          |           |            |             |             |             |            |            |            |
|------|-------------------------------------|----------|-----------|------------|-------------|-------------|-------------|------------|------------|------------|
|      | HT/VHT40 STBC, M0 to M7             | 3        | 8         | 4.1        | 3.2         | 4.2         |             | 8.6        | 9.0        | 0.4        |
|      | HT/VHT40 STBC, M0 to M7             | 4        | 9         | 1.3        | 0.8         | 2.7         | 2.3         | 7.9        | 8.0        | 0.1        |
| 5290 | Non HT80, 6 to 54 Mbps              | 1        | 6         | -0.4       |             |             |             | -0.4       | 11.0       | 11.4       |
|      | Non HT80, 6 to 54 Mbps              | 2        | 9         | -3.3       | -3.8        |             |             | -0.5       | 8.0        | 8.5        |
|      | Non HT80, 6 to 54 Mbps              | 3        | 11        | -4.3       | -5.0        | -4.1        |             | 0.3        | 6.0        | 5.7        |
|      | Non HT80, 6 to 54 Mbps              | 4        | 12        | -5.1       | -5.8        | -5.1        | -5.0        | 0.8        | 5.0        | 4.2        |
|      | VHT80, M0 to M9 1ss                 | 1        | 6         | 0.2        |             |             |             | 0.2        | 11.0       | 10.8       |
|      | VHT80, M0 to M9 1ss                 | 2        | 9         | 0.2        | -0.1        |             |             | 3.1        | 8.0        | 4.9        |
|      | VHT80, M0 to M9 2ss                 | 2        | 6         | 0.2        | -0.1        |             |             | 3.1        | 11.0       | 7.9        |
|      | VHT80, M0 to M9 1ss                 | 3        | 11        | -0.7       | -1.7        | -0.5        |             | 3.8        | 6.0        | 2.2        |
|      | VHT80, M0 to M9 2ss                 | 3        | 8         | -0.7       | -1.7        | -0.5        |             | 3.8        | 9.0        | 5.2        |
|      | VHT80, M0 to M9 3ss                 | 3        | 6         | -0.7       | -1.7        | -0.5        |             | 3.8        | 11.0       | 7.2        |
|      | VHT80, M0 to M9 1ss                 | 4        | 12        | -3.3       | -3.7        | -4.2        | -2.7        | 2.6        | 5.0        | 2.4        |
|      | VHT80, M0 to M9 2ss                 | 4        | 9         | -3.3       | -3.7        | -4.2        | -2.7        | 2.6        | 8.0        | 5.4        |
|      | VHT80, M0 to M9 3ss                 | 4        | 7         | -3.3       | -3.7        | -4.2        | -2.7        | 2.6        | 10.0       | 7.4        |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2        | 9         | -1.9       | -2.7        |             |             | 0.7        | 8.0        | 7.3        |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2        | 6         | 0.2        | -0.1        |             |             | 3.1        | 11.0       | 7.9        |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3        | 11        | -4.9       | -6.7        | -6.7        |             | -1.2       | 6.0        | 7.2        |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3        | 8         | -3.3       | -3.7        | -4.2        |             | 1.1        | 9.0        | 7.9        |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3        | 6         | -0.7       | -1.7        | -0.5        |             | 3.8        | 11.0       | 7.2        |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4        | 12        | -7.3       | -8.8        | -9.2        | -9.9        | -2.7       | 5.0        | 7.7        |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4        | 9         | -4.9       | -6.7        | -6.7        | -7.6        | -0.3       | 8.0        | 8.3        |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4        | 7         | -4.4       | -4.8        | -3.6        | -3.9        | 1.9        | 10.0       | 8.1        |
|      | VHT80 STBC, M0 to M9 1ss            | 2        | 6         | 0.2        | -0.1        |             |             | 3.1        | 11.0       | 7.9        |
|      | VHT80 STBC, M0 to M9 1ss            | 3        | 6         | -0.7       | -1.7        | -0.5        |             | 3.8        | 11.0       | 7.2        |
|      | VHT80 STBC, M0 to M9 1ss            | 4        | 6         | -3.3       | -3.7        | -4.2        | -2.7        | 2.6        | 11.0       | 8.4        |
| 5280 | Non HT20, 6 to 54 Mbps              | 1        | 6         | 7.0        |             |             |             | 7.0        | 11.0       | 4.0        |
|      | Non HT20, 6 to 54 Mbps              | 2        | 9         | 4.4        | 4.2         |             |             | 7.3        | 8.0        | 0.7        |
|      | Non HT20, 6 to 54 Mbps              | 3        | 11        | 1.5        | -0.4        | -0.9        |             | 5.0        | 6.0        | 1.0        |
|      | <b>Non HT20, 6 to 54 Mbps</b>       | <b>4</b> | <b>12</b> | <b>0.5</b> | <b>-1.4</b> | <b>-1.7</b> | <b>-2.0</b> | <b>5.0</b> | <b>5.0</b> | <b>0.0</b> |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 9         | 4.4        | 4.2         |             |             | 7.3        | 8.0        | 0.7        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 11        | 1.5        | -0.4        | -0.9        |             | 5.0        | 6.0        | 1.0        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 12        | 0.5        | -1.4        | -1.7        | -2.0        | 5.0        | 5.0        | 0.0        |
|      | HT/VHT20, M0 to M7                  | 1        | 6         | 7.0        |             |             |             | 7.0        | 11.0       | 4.0        |
|      | HT/VHT20, M0 to M7                  | 2        | 9         | 4.7        | 4.1         |             |             | 7.4        | 8.0        | 0.6        |
|      | HT/VHT20, M8 to M15                 | 2        | 6         | 7.0        | 6.4         |             |             | 9.7        | 11.0       | 1.3        |
|      | HT/VHT20, M0 to M7                  | 3        | 11        | 1.6        | -0.6        | -0.7        |             | 5.0        | 6.0        | 1.0        |
|      | HT/VHT20, M8 to M15                 | 3        | 8         | 3.3        | 3.0         | 2.4         |             | 7.7        | 9.0        | 1.3        |
|      | HT/VHT20, M16 to M23                | 3        | 6         | 5.7        | 5.2         | 5.9         |             | 10.4       | 11.0       | 0.6        |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M0 to M7                  | 4 | 12 | -0.4 | -2.4 | -2.7 | -3.0 | 4.0  | 5.0  | 1.0 |
|      | HT/VHT20, M8 to M15                 | 4 | 9  | 1.4  | 1.0  | 1.8  | 2.5  | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20, M16 to M23                | 4 | 7  | 3.3  | 3.0  | 2.4  | 3.6  | 9.1  | 10.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 9  | 4.7  | 4.1  |      |      | 7.4  | 8.0  | 0.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 6  | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 11 | 1.6  | -0.6 | -0.7 |      | 5.0  | 6.0  | 1.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 8  | 3.3  | 3.0  | 2.4  |      | 7.7  | 9.0  | 1.3 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 6  | 5.7  | 5.2  | 5.9  |      | 10.4 | 11.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 12 | -0.4 | -2.4 | -2.7 | -3.0 | 4.0  | 5.0  | 1.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 9  | 1.4  | 1.0  | 1.8  | 2.5  | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 7  | 3.3  | 3.0  | 2.4  | 3.6  | 9.1  | 10.0 | 0.9 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 6  | 7.0  | 6.4  |      |      | 9.7  | 11.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 8  | 3.3  | 3.0  | 2.4  |      | 7.7  | 9.0  | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 9  | 1.4  | 1.0  | 1.8  | 2.5  | 7.7  | 8.0  | 0.3 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 6  | 7.5  |      |      |      | 7.5  | 11.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 9  | 5.1  | 4.8  |      |      | 8.0  | 8.0  | 0.0 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 11 | 1.7  | -1.1 | -2.3 |      | 4.5  | 6.0  | 1.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 12 | 0.8  | -2.1 | -3.1 | -2.0 | 4.7  | 5.0  | 0.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 9  | 5.1  | 4.8  |      |      | 8.0  | 8.0  | 0.0 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 11 | 1.7  | -1.1 | -2.3 |      | 4.5  | 6.0  | 1.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 12 | 0.8  | -2.1 | -3.1 | -2.0 | 4.7  | 5.0  | 0.3 |
|      | HT/VHT20, M0 to M7                  | 1 | 6  | 7.3  |      |      |      | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 9  | 5.5  | 4.4  |      |      | 8.0  | 8.0  | 0.0 |
|      | HT/VHT20, M8 to M15                 | 2 | 6  | 7.3  | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 11 | 1.7  | -1.3 | -1.7 |      | 4.6  | 6.0  | 1.4 |
|      | HT/VHT20, M8 to M15                 | 3 | 8  | 4.0  | 3.5  | 2.1  |      | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20, M16 to M23                | 3 | 6  | 6.6  | 5.7  | 5.6  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 12 | 0.7  | -2.2 | -3.2 | -2.3 | 4.5  | 5.0  | 0.5 |
|      | HT/VHT20, M8 to M15                 | 4 | 9  | 2.2  | 1.5  | 1.2  | 2.2  | 7.8  | 8.0  | 0.2 |
|      | HT/VHT20, M16 to M23                | 4 | 7  | 4.0  | 3.5  | 2.1  | 3.2  | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 9  | 5.5  | 4.4  |      |      | 8.0  | 8.0  | 0.0 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 6  | 7.3  | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 11 | 1.7  | -1.3 | -1.7 |      | 4.6  | 6.0  | 1.4 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 8  | 4.0  | 3.5  | 2.1  |      | 8.0  | 9.0  | 1.0 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 6  | 6.6  | 5.7  | 5.6  |      | 10.8 | 11.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 12 | 0.7  | -2.2 | -3.2 | -2.3 | 4.5  | 5.0  | 0.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 9  | 2.2  | 1.5  | 1.2  | 2.2  | 7.8  | 8.0  | 0.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 7  | 4.0  | 3.5  | 2.1  | 3.2  | 9.3  | 10.0 | 0.7 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 6  | 7.3  | 7.0  |      |      | 10.2 | 11.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 8  | 4.0  | 3.5  | 2.1  |      | 8.0  | 9.0  | 1.0 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 9  | 2.2  | 1.5  | 1.2  | 2.2  | 7.8  | 8.0  | 0.2 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 6  | 2.1  |      |      |      | 2.1  | 11.0 | 8.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 9  | 2.1  | 1.6  |      |      | 4.9  | 8.0  | 3.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 11 | 1.1  | 0.7  | 0.3  |      | 5.5  | 6.0  | 0.5 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 12 | 0.5  | -2.7 | -4.3 | -2.8 | 4.1  | 5.0  | 0.9 |
|      | HT/VHT40, M0 to M7                  | 1 | 6  | 4.2  |      |      |      | 4.2  | 11.0 | 6.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 9  | 4.2  | 3.6  |      |      | 6.9  | 8.0  | 1.1 |
|      | HT/VHT40, M8 to M15                 | 2 | 6  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 11 | 2.0  | 1.4  | 0.0  |      | 6.0  | 6.0  | 0.0 |
|      | HT/VHT40, M8 to M15                 | 3 | 8  | 4.2  | 3.6  | 3.1  |      | 8.4  | 9.0  | 0.6 |
|      | HT/VHT40, M16 to M23                | 3 | 6  | 4.2  | 3.6  | 3.1  |      | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 12 | -1.2 | -1.5 | -2.0 | -1.2 | 4.6  | 5.0  | 0.4 |
|      | HT/VHT40, M8 to M15                 | 4 | 9  | 1.7  | 1.5  | 1.7  | 2.2  | 7.8  | 8.0  | 0.2 |
|      | HT/VHT40, M16 to M23                | 4 | 7  | 1.7  | 1.5  | 1.7  | 2.2  | 7.8  | 10.0 | 2.2 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 9  | 4.2  | 3.6  |      |      | 6.9  | 8.0  | 1.1 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 6  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 11 | 0.5  | 0.2  | -1.1 |      | 4.7  | 6.0  | 1.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 8  | 1.7  | 1.5  | 1.7  |      | 6.4  | 9.0  | 2.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 6  | 4.2  | 3.6  | 3.1  |      | 8.4  | 11.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 12 | -1.7 | -4.5 | -5.4 | -4.2 | 2.3  | 5.0  | 2.7 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 9  | 0.5  | 0.2  | -1.1 | 1.2  | 6.3  | 8.0  | 1.7 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 7  | 2.0  | 1.4  | 0.0  | 0.9  | 7.2  | 10.0 | 2.8 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 6  | 4.2  | 3.6  |      |      | 6.9  | 11.0 | 4.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 8  | 4.2  | 3.6  | 3.1  |      | 8.4  | 9.0  | 0.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 9  | 1.7  | 1.5  | 1.7  | 2.2  | 7.8  | 8.0  | 0.2 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 6  | 7.3  |      |      |      | 7.3  | 11.0 | 3.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 9  | 4.9  | 4.6  |      |      | 7.8  | 8.0  | 0.2 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 11 | 1.4  | -2.3 | -3.3 |      | 3.9  | 6.0  | 2.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 12 | 0.6  | -3.0 | -4.3 | -2.1 | 4.2  | 5.0  | 0.8 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 9  | 4.9  | 4.6  |      |      | 7.8  | 8.0  | 0.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 11 | 1.4  | -2.3 | -3.3 |      | 3.9  | 6.0  | 2.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 12 | 0.6  | -3.0 | -4.3 | -2.1 | 4.2  | 5.0  | 0.8 |
|      | HT/VHT20, M0 to M7                  | 1 | 6  | 7.3  |      |      |      | 7.3  | 11.0 | 3.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 9  | 4.9  | 4.5  |      |      | 7.7  | 8.0  | 0.3 |
|      | HT/VHT20, M8 to M15                 | 2 | 6  | 7.3  | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 11 | 1.5  | -2.5 | -3.0 |      | 3.9  | 6.0  | 2.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 8  | 3.6  | 3.4  | 1.6  |      | 7.7  | 9.0  | 1.3 |
|      | HT/VHT20, M16 to M23                | 3 | 6  | 5.9  | 5.8  | 4.8  |      | 10.3 | 11.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 4 | 12 | 0.4  | -3.4 | -4.2 | -2.1 | 4.1  | 5.0  | 0.9 |



|                                   |   |    |     |      |      |      |      |      |     |
|-----------------------------------|---|----|-----|------|------|------|------|------|-----|
| HT/VHT20, M8 to M15               | 4 | 9  | 1.9 | 2.0  | 0.8  | 1.7  | 7.6  | 8.0  | 0.4 |
| HT/VHT20, M16 to M23              | 4 | 7  | 3.6 | 3.4  | 1.6  | 2.7  | 8.9  | 10.0 | 1.1 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 9  | 4.9 | 4.5  |      |      | 7.7  | 8.0  | 0.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 6  | 7.3 | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 11 | 1.5 | -2.5 | -3.0 |      | 3.9  | 6.0  | 2.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 8  | 3.6 | 3.4  | 1.6  |      | 7.7  | 9.0  | 1.3 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 6  | 5.9 | 5.8  | 4.8  |      | 10.3 | 11.0 | 0.7 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 12 | 0.4 | -3.4 | -4.2 | -2.1 | 4.1  | 5.0  | 0.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 9  | 1.9 | 2.0  | 0.8  | 1.7  | 7.6  | 8.0  | 0.4 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 7  | 3.6 | 3.4  | 1.6  | 2.7  | 8.9  | 10.0 | 1.1 |
| HT/VHT20 STBC, M0 to M7           | 2 | 6  | 7.3 | 6.9  |      |      | 10.1 | 11.0 | 0.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 8  | 3.6 | 3.4  | 1.6  |      | 7.7  | 9.0  | 1.3 |
| HT/VHT20 STBC, M0 to M7           | 4 | 9  | 1.9 | 2.0  | 0.8  | 1.7  | 7.6  | 8.0  | 0.4 |

Keysight Spectrum Analyzer - Channel Power

Center Freq 5.270000000 GHz

Radio Std: None

Trig: Free Run

Avg/Hold: 100/100

Radio Device: BTS

RF Gain: Low

Attenu: 20 dB

10 dB/div Ref 30.00 dBm

Mkr1 5.2845333 GHz 4.0955 dBm

Center 5.27 GHz

Span 80 MHz

#Res BW 1 MHz

#VBW 3 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

17.34 dBm / 43.98 MHz

-59.10 dBm /Hz

Keysight Spectrum Analyzer - Channel Power

Center Freq 5.27000000 GHz

Center Freq: 5.270000000 GHz  
 Span: 80 MHz  
 Res BW: 1 MHz  
 VBW: 3 MHz  
 Sweep: 100 ms

Radio Std: None  
 Radio Device: BTS

10 dB/div  
 Ref 30.00 dBm

Mkr1 5.2846667 GHz  
 3.1676 dBm

Channel Power  
 16.95 dBm / 43.98 MHz

Power Spectral Density  
 -59.48 dBm /Hz

Frequency  
 Center Freq  
 5.27000000 GHz

CF Step  
 8.000000 MHz  
 Mar

Freq Offset  
 0 Hz

Keysight Spectrum Analyzer - Channel Power

Center Freq 5.300000000 GHz

Radio Std: None

Trig: Free Run

AvG/Hold: 100/100

Radio Device: BTS

#F Gain: Low

#Att: 20 dB

10 dBm/div

Ref 30.00 dBm

Mkr1 5.3074667 GHz

5.5047 dBm

Center 5.3 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

15.85 dBm / 22.88 MHz

-57.75 dBm /Hz

Frequency

Center Freq 5.300000000 GHz

CF Step 4.000000 MHz

Auto Man

Freq Offset 0 Hz

Keysight Spectrum Analyzer - Channel Power

Center Freq 5.300000000 GHz

Trig: Free Run

#Att: 20 dB

Radio Std: None

Radio Device: BTS

#F Gain: Low

10 dB/div

Ref 30.00 dBm

Mkr1 5.3038 GHz

4.4180 dBm

Center 5.3 GHz

#Res BW 1 MHz

#VBW 3 MHz

Span 40 MHz

#Sweep 100 ms

Channel Power

Power Spectral Density

15.27 dBm / 22.88 MHz

-58.32 dBm /Hz

Frequency

Center Freq

5.300000000 GHz

CF Step

4.000000 M-Hz

Auto

Man

Freq Offset

0 Hz

MISO

(STATUS)

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## Antenna Gain : 8 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 8                             | 11.7                 |                      |                      |                      | 11.7                         | 22.0        | 10.3        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 8                             | 10.6                 | 8.0                  |                      |                      | 12.5                         | 22.0        | 9.5         |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 8                             | 5.4                  | 4.1                  | 2.9                  |                      | 9.0                          | 22.0        | 13.0        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 8                             | 5.4                  | 4.1                  | 2.9                  | 4.0                  | 10.2                         | 22.0        | 11.8        |
|                 | VHT160, M0 to M9 1ss                | 1        | 8                             | 14.2                 |                      |                      |                      | 14.2                         | 22.0        | 7.8         |
|                 | VHT160, M0 to M9 1ss                | 2        | 8                             | 13.2                 | 12.8                 |                      |                      | 16.0                         | 22.0        | 6.0         |
|                 | VHT160, M0 to M9 2ss                | 2        | 8                             | 13.2                 | 12.8                 |                      |                      | 16.0                         | 22.0        | 6.0         |
|                 | VHT160, M0 to M9 1ss                | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160, M0 to M9 2ss                | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160, M0 to M9 3ss                | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160, M0 to M9 1ss                | 4        | 8                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 22.0        | 5.7         |
|                 | VHT160, M0 to M9 2ss                | 4        | 8                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 22.0        | 5.7         |
|                 | VHT160, M0 to M9 3ss                | 4        | 8                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 22.0        | 5.7         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 11                            | 12.3                 | 11.8                 |                      |                      | 15.1                         | 19.0        | 3.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 8                             | 13.2                 | 12.8                 |                      |                      | 16.0                         | 22.0        | 6.0         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 10                            | 12.2                 | 9.6                  | 9.3                  |                      | 15.3                         | 20.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 14                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 16.0        | 3.0         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 11                            | 10.2                 | 7.6                  | 7.1                  | 7.4                  | 14.3                         | 19.0        | 4.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 9                             | 11.2                 | 8.6                  | 8.3                  | 8.4                  | 15.3                         | 21.0        | 5.7         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 8                             | 13.2                 | 12.8                 |                      |                      | 16.0                         | 22.0        | 6.0         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 8                             | 12.3                 | 11.8                 | 12.1                 |                      | 16.8                         | 22.0        | 5.2         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 8                             | 12.2                 | 9.6                  | 9.3                  | 9.4                  | 16.3                         | 22.0        | 5.7         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 8                             | 17.1                 |                      |                      |                      | 17.1                         | 21.5        | 4.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 8                             | 12.5                 | 12.7                 |                      |                      | 15.6                         | 21.4        | 5.8         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 8                             | 9.5                  | 8.7                  | 8.7                  |                      | 13.8                         | 21.4        | 7.6         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 8                             | 8.3                  | 7.4                  | 7.2                  | 6.5                  | 13.4                         | 21.4        | 8.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 11                            | 12.5                 | 12.7                 |                      |                      | 15.6                         | 18.4        | 2.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 13                            | 9.5                  | 8.7                  | 8.7                  |                      | 13.8                         | 16.4        | 2.6         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 14                            | 8.3                  | 7.4                  | 7.2                  | 6.5                  | 13.4                         | 15.4        | 2.0         |
|                 | HT/VHT20, M0 to M7                  | 1        | 8                             | 17.2                 |                      |                      |                      | 17.2                         | 22.0        | 4.8         |



|      |                                         |          |           |             |             |             |      |             |             |            |
|------|-----------------------------------------|----------|-----------|-------------|-------------|-------------|------|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                      | 2        | 8         | 13.7        | 13.8        |             |      | 16.8        | 21.1        | 4.3        |
|      | HT/VHT20, M8 to M15                     | 2        | 8         | 16.1        | 16.0        |             |      | 19.1        | 21.4        | 2.3        |
|      | HT/VHT20, M0 to M7                      | 3        | 8         | 9.7         | 9.0         | 8.8         |      | 14.0        | 21.4        | 7.4        |
|      | HT/VHT20, M8 to M15                     | 3        | 8         | 11.8        | 11.8        | 13.0        |      | 17.0        | 21.4        | 4.4        |
|      | HT/VHT20, M16 to M23                    | 3        | 8         | 14.8        | 14.8        | 15.3        |      | 19.7        | 21.4        | 1.7        |
|      | HT/VHT20, M0 to M7                      | 4        | 8         | 8.5         | 7.6         | 7.5         | 6.6  | 13.6        | 21.4        | 7.8        |
|      | HT/VHT20, M8 to M15                     | 4        | 8         | 10.7        | 9.9         | 9.8         | 8.8  | 15.9        | 21.6        | 5.7        |
|      | HT/VHT20, M16 to M23                    | 4        | 8         | 11.8        | 11.8        | 13.0        | 13.0 | 18.5        | 21.4        | 2.9        |
|      | HT/VHT20 Beam Forming, M0 to M7         | 2        | 11        | 13.7        | 13.8        |             |      | 16.8        | 18.1        | 1.3        |
|      | HT/VHT20 Beam Forming, M8 to M15        | 2        | 8         | 16.1        | 16.0        |             |      | 19.1        | 21.4        | 2.3        |
|      | HT/VHT20 Beam Forming, M0 to M7         | 3        | 13        | 9.7         | 9.0         | 8.8         |      | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20 Beam Forming, M8 to M15        | 3        | 10        | 11.8        | 11.8        | 13.0        |      | 17.0        | 19.4        | 2.4        |
|      | HT/VHT20 Beam Forming, M16 to M23       | 3        | 8         | 14.8        | 14.8        | 15.3        |      | 19.7        | 21.4        | 1.7        |
|      | HT/VHT20 Beam Forming, M0 to M7         | 4        | 14        | 8.5         | 7.6         | 7.5         | 6.6  | 13.6        | 15.4        | 1.8        |
|      | HT/VHT20 Beam Forming, M8 to M15        | 4        | 11        | 10.7        | 9.9         | 9.8         | 8.8  | 15.9        | 18.6        | 2.7        |
|      | HT/VHT20 Beam Forming, M16 to M23       | 4        | 9         | 11.8        | 11.8        | 13.0        | 13.0 | 18.5        | 20.4        | 1.9        |
|      | HT/VHT20 STBC, M0 to M7                 | 2        | 8         | 16.1        | 16.0        |             |      | 19.1        | 21.4        | 2.3        |
|      | HT/VHT20 STBC, M0 to M7                 | 3        | 8         | 11.8        | 11.8        | 13.0        |      | 17.0        | 21.4        | 4.4        |
|      | HT/VHT20 STBC, M0 to M7                 | 4        | 8         | 10.7        | 9.9         | 9.8         | 8.8  | 15.9        | 21.6        | 5.7        |
| 5270 | Non HT40, 6 to 54 Mbps                  | 1        | 8         | 18.5        |             |             |      | 18.5        | 22.0        | 3.5        |
|      | Non HT40, 6 to 54 Mbps                  | 2        | 8         | 16.2        | 15.9        |             |      | 19.1        | 21.2        | 2.1        |
|      | Non HT40, 6 to 54 Mbps                  | 3        | 8         | 13.0        | 12.0        | 11.2        |      | 16.9        | 21.2        | 4.3        |
|      | Non HT40, 6 to 54 Mbps                  | 4        | 8         | 11.1        | 10.0        | 9.1         | 8.9  | 15.9        | 21.6        | 5.7        |
|      | HT/VHT40, M0 to M7                      | 1        | 8         | 17.3        |             |             |      | 17.3        | 22.0        | 4.7        |
|      | HT/VHT40, M0 to M7                      | 2        | 8         | 16.2        | 15.8        |             |      | 19.0        | 21.2        | 2.2        |
|      | HT/VHT40, M8 to M15                     | 2        | 8         | 17.3        | 16.9        |             |      | 20.1        | 21.2        | 1.1        |
|      | HT/VHT40, M0 to M7                      | 3        | 8         | 11.7        | 11.6        | 12.6        |      | 16.8        | 21.1        | 4.3        |
|      | HT/VHT40, M8 to M15                     | 3        | 8         | 15.0        | 14.6        | 15.9        |      | 20.0        | 22.0        | 2.0        |
|      | HT/VHT40, M16 to M23                    | 3        | 8         | 16.2        | 15.8        | 16.9        |      | 21.1        | 21.2        | 0.1        |
|      | HT/VHT40, M0 to M7                      | 4        | 8         | 10.9        | 9.9         | 9.0         | 8.6  | 15.7        | 21.2        | 5.5        |
|      | HT/VHT40, M8 to M15                     | 4        | 8         | 12.7        | 12.6        | 13.7        | 13.8 | 19.3        | 21.1        | 1.8        |
|      | HT/VHT40, M16 to M23                    | 4        | 8         | 15.0        | 14.6        | 15.9        | 16.0 | 21.4        | 22.0        | 0.6        |
|      | HT/VHT40 Beam Forming, M0 to M7         | 2        | 11        | 15.0        | 14.6        |             |      | 17.8        | 19.0        | 1.2        |
|      | HT/VHT40 Beam Forming, M8 to M15        | 2        | 8         | 17.3        | 16.9        |             |      | 20.1        | 21.2        | 1.1        |
|      | HT/VHT40 Beam Forming, M0 to M7         | 3        | 13        | 11.9        | 10.9        | 10.0        |      | 15.8        | 16.6        | 0.8        |
|      | <b>HT/VHT40 Beam Forming, M8 to M15</b> | <b>3</b> | <b>10</b> | <b>15.0</b> | <b>14.6</b> | <b>15.9</b> |      | <b>20.0</b> | <b>20.0</b> | <b>0.0</b> |
|      | HT/VHT40 Beam Forming, M16 to M23       | 3        | 8         | 16.2        | 15.8        | 16.9        |      | 21.1        | 21.2        | 0.1        |
|      | HT/VHT40 Beam Forming, M0 to M7         | 4        | 14        | 9.9         | 8.9         | 7.8         | 7.6  | 14.7        | 15.2        | 0.5        |
|      | HT/VHT40 Beam Forming, M8 to M15        | 4        | 11        | 11.9        | 10.9        | 10.0        | 9.7  | 16.7        | 18.6        | 1.9        |
|      | HT/VHT40 Beam Forming, M16 to M23       | 4        | 9         | 13.6        | 13.5        | 13.5        | 14.8 | 19.9        | 20.2        | 0.3        |





|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 8  | 17.3 | 16.9 |      |      | 20.1 | 21.2 | 1.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 8  | 15.0 | 14.6 | 15.9 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 8  | 12.7 | 12.6 | 13.7 | 13.8 | 19.3 | 21.1 | 1.8 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 8  | 13.5 |      |      |      | 13.5 | 22.0 | 8.5 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 8  | 13.5 | 12.9 |      |      | 16.2 | 22.0 | 5.8 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 8  | 11.4 | 10.9 | 11.2 |      | 15.9 | 22.0 | 6.1 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 8  | 11.4 | 10.9 | 11.2 | 11.8 | 17.4 | 22.0 | 4.6 |
|      | VHT80, M0 to M9 1ss                 | 1 | 8  | 17.5 |      |      |      | 17.5 | 22.0 | 4.5 |
|      | VHT80, M0 to M9 1ss                 | 2 | 8  | 16.4 | 15.8 |      |      | 19.1 | 22.0 | 2.9 |
|      | VHT80, M0 to M9 2ss                 | 2 | 8  | 16.4 | 15.8 |      |      | 19.1 | 22.0 | 2.9 |
|      | VHT80, M0 to M9 1ss                 | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80, M0 to M9 3ss                 | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80, M0 to M9 1ss                 | 4 | 8  | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
|      | VHT80, M0 to M9 2ss                 | 4 | 8  | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
|      | VHT80, M0 to M9 3ss                 | 4 | 8  | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 11 | 13.9 | 13.5 |      |      | 16.7 | 19.0 | 2.3 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 8  | 16.4 | 15.8 |      |      | 19.1 | 22.0 | 2.9 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 13 | 10.1 | 8.0  | 7.0  |      | 13.3 | 17.0 | 3.7 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 10 | 12.0 | 11.6 | 12.0 |      | 16.6 | 20.0 | 3.4 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 14 | 8.8  | 6.9  | 5.9  | 6.6  | 13.2 | 16.0 | 2.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 11 | 11.1 | 9.0  | 8.1  | 8.7  | 15.4 | 19.0 | 3.6 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 9  | 12.2 | 10.0 | 9.1  | 9.8  | 16.5 | 21.0 | 4.5 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 8  | 16.4 | 15.8 |      |      | 19.1 | 22.0 | 2.9 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 8  | 13.9 | 13.5 | 12.9 |      | 18.2 | 22.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 8  | 12.0 | 11.6 | 12.0 | 12.5 | 18.1 | 22.0 | 3.9 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 8  | 17.5 |      |      |      | 17.5 | 21.6 | 4.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 13.0 | 12.8 |      |      | 15.9 | 21.6 | 5.7 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8  | 10.0 | 8.2  | 7.6  |      | 13.5 | 21.6 | 8.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8  | 8.8  | 6.9  | 6.2  | 6.4  | 13.2 | 21.6 | 8.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | 13.0 | 12.8 |      |      | 15.9 | 18.6 | 2.7 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 13 | 10.0 | 8.2  | 7.6  |      | 13.5 | 16.6 | 3.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 14 | 8.8  | 6.9  | 6.2  | 6.4  | 13.2 | 15.6 | 2.4 |
|      | HT/VHT20, M0 to M7                  | 1 | 8  | 17.7 |      |      |      | 17.7 | 21.6 | 3.9 |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 13.2 | 13.0 |      |      | 16.1 | 21.6 | 5.5 |
|      | HT/VHT20, M8 to M15                 | 2 | 8  | 16.5 | 16.1 |      |      | 19.3 | 21.6 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 3 | 8  | 10.1 | 8.5  | 7.8  |      | 13.7 | 21.6 | 7.9 |
|      | HT/VHT20, M8 to M15                 | 3 | 8  | 12.1 | 12.0 | 12.5 |      | 17.0 | 21.6 | 4.6 |





|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20, M16 to M23                | 3 | 8  | 14.1 | 13.9 | 13.3 |      | 18.6 | 21.6 | 3.0 |
|      | HT/VHT20, M0 to M7                  | 4 | 8  | 9.0  | 7.0  | 6.3  | 6.5  | 13.4 | 21.6 | 8.2 |
|      | HT/VHT20, M8 to M15                 | 4 | 8  | 12.1 | 10.3 | 9.7  | 9.7  | 16.6 | 21.6 | 5.0 |
|      | HT/VHT20, M16 to M23                | 4 | 8  | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 21.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 11 | 13.2 | 13.0 |      |      | 16.1 | 18.6 | 2.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 8  | 16.5 | 16.1 |      |      | 19.3 | 21.6 | 2.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 13 | 10.1 | 8.5  | 7.8  |      | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 10 | 12.1 | 12.0 | 12.5 |      | 17.0 | 19.6 | 2.6 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 8  | 14.1 | 13.9 | 13.3 |      | 18.6 | 21.6 | 3.0 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 14 | 9.0  | 7.0  | 6.3  | 6.5  | 13.4 | 15.6 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 11 | 12.1 | 10.3 | 9.7  | 9.7  | 16.6 | 18.6 | 2.0 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 9  | 12.1 | 12.0 | 12.5 | 13.3 | 18.5 | 20.6 | 2.1 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 8  | 16.5 | 16.1 |      |      | 19.3 | 21.6 | 2.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 8  | 12.1 | 12.0 | 12.5 |      | 17.0 | 21.6 | 4.6 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 8  | 12.1 | 10.3 | 9.7  | 9.7  | 16.6 | 21.6 | 5.0 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 8  | 18.0 |      |      |      | 18.0 | 22.0 | 4.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 12.6 | 12.1 |      |      | 15.4 | 22.0 | 6.6 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8  | 11.3 | 8.2  | 7.3  |      | 14.1 | 21.4 | 7.3 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8  | 9.2  | 5.9  | 4.9  | 6.4  | 12.9 | 21.4 | 8.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | 12.6 | 12.1 |      |      | 15.4 | 19.0 | 3.6 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 13 | 11.3 | 8.2  | 7.3  |      | 14.1 | 16.4 | 2.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 14 | 9.2  | 5.9  | 4.9  | 6.4  | 12.9 | 15.4 | 2.5 |
|      | HT/VHT20, M0 to M7                  | 1 | 8  | 18.2 |      |      |      | 18.2 | 22.0 | 3.8 |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 13.7 | 13.3 |      |      | 16.5 | 22.0 | 5.5 |
|      | HT/VHT20, M8 to M15                 | 2 | 8  | 15.8 | 15.3 |      |      | 18.6 | 21.4 | 2.8 |
|      | HT/VHT20, M0 to M7                  | 3 | 8  | 11.5 | 8.4  | 7.4  |      | 14.2 | 21.4 | 7.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 8  | 12.8 | 12.4 | 12.0 |      | 17.2 | 21.4 | 4.2 |
|      | HT/VHT20, M16 to M23                | 3 | 8  | 14.7 | 14.3 | 12.8 |      | 18.8 | 21.1 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 4 | 8  | 9.3  | 6.0  | 5.0  | 6.5  | 13.0 | 21.4 | 8.4 |
|      | HT/VHT20, M8 to M15                 | 4 | 8  | 12.6 | 9.3  | 8.4  | 9.7  | 16.3 | 21.4 | 5.1 |
|      | HT/VHT20, M16 to M23                | 4 | 8  | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 21.4 | 2.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 11 | 13.7 | 13.3 |      |      | 16.5 | 19.0 | 2.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 8  | 15.8 | 15.3 |      |      | 18.6 | 21.4 | 2.8 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 13 | 11.5 | 8.4  | 7.4  |      | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 10 | 12.8 | 12.4 | 12.0 |      | 17.2 | 19.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 8  | 14.7 | 14.3 | 12.8 |      | 18.8 | 21.1 | 2.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 14 | 9.3  | 6.0  | 5.0  | 6.5  | 13.0 | 15.4 | 2.4 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 11 | 12.6 | 9.3  | 8.4  | 9.7  | 16.3 | 18.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 9  | 12.8 | 12.4 | 12.0 | 13.2 | 18.6 | 20.4 | 1.8 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 8  | 15.8 | 15.3 |      |      | 18.6 | 21.4 | 2.8 |



|      |                                     |   |    |      |      |      |      |      |      |     |
|------|-------------------------------------|---|----|------|------|------|------|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 8  | 12.8 | 12.4 | 12.0 |      | 17.2 | 21.4 | 4.2 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 8  | 12.6 | 9.3  | 8.4  | 9.7  | 16.3 | 21.4 | 5.1 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 8  | 15.7 |      |      |      | 15.7 | 22.0 | 6.3 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 8  | 14.5 | 14.0 |      |      | 17.3 | 22.0 | 4.7 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 8  | 13.4 | 10.3 | 8.9  |      | 16.1 | 22.0 | 5.9 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 8  | 12.4 | 9.3  | 7.8  | 9.8  | 16.2 | 22.0 | 5.8 |
|      | HT/VHT40, M0 to M7                  | 1 | 8  | 18.0 |      |      |      | 18.0 | 22.0 | 4.0 |
|      | HT/VHT40, M0 to M7                  | 2 | 8  | 16.9 | 16.2 |      |      | 19.6 | 22.0 | 2.4 |
|      | HT/VHT40, M8 to M15                 | 2 | 8  | 18.0 | 17.4 |      |      | 20.7 | 22.0 | 1.3 |
|      | HT/VHT40, M0 to M7                  | 3 | 8  | 12.5 | 12.1 | 11.5 |      | 16.8 | 22.0 | 5.2 |
|      | HT/VHT40, M8 to M15                 | 3 | 8  | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40, M16 to M23                | 3 | 8  | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40, M0 to M7                  | 4 | 8  | 12.2 | 9.1  | 7.7  | 9.6  | 16.0 | 22.0 | 6.0 |
|      | HT/VHT40, M8 to M15                 | 4 | 8  | 13.4 | 13.0 | 12.6 | 13.5 | 19.2 | 22.0 | 2.8 |
|      | HT/VHT40, M16 to M23                | 4 | 8  | 15.6 | 15.1 | 13.7 | 14.5 | 20.8 | 22.0 | 1.2 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 11 | 15.7 | 15.0 |      |      | 18.4 | 19.0 | 0.6 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 8  | 18.0 | 17.4 |      |      | 20.7 | 22.0 | 1.3 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 13 | 12.5 | 12.1 | 11.5 |      | 16.8 | 17.0 | 0.2 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 10 | 15.6 | 15.1 | 13.7 |      | 19.6 | 20.0 | 0.4 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 8  | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 14 | 11.2 | 8.1  | 6.6  | 8.5  | 15.0 | 16.0 | 1.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 11 | 12.5 | 12.1 | 11.5 | 12.5 | 18.2 | 19.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 9  | 14.4 | 14.0 | 12.4 | 14.6 | 20.0 | 21.0 | 1.0 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 8  | 18.0 | 17.4 |      |      | 20.7 | 22.0 | 1.3 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 8  | 15.7 | 15.0 | 14.8 |      | 20.0 | 22.0 | 2.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 8  | 13.4 | 13.0 | 12.6 | 13.5 | 19.2 | 22.0 | 2.8 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 8  | 17.8 |      |      |      | 17.8 | 21.6 | 3.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 8  | 13.5 | 13.2 |      |      | 16.4 | 21.5 | 5.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 8  | 11.9 | 8.2  | 7.2  |      | 14.4 | 21.5 | 7.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 8  | 8.7  | 4.9  | 3.8  | 6.4  | 12.4 | 21.6 | 9.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | 13.5 | 13.2 |      |      | 16.4 | 18.5 | 2.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 13 | 11.9 | 8.2  | 7.2  |      | 14.4 | 16.5 | 2.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 14 | 8.7  | 4.9  | 3.8  | 6.4  | 12.4 | 15.6 | 3.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 8  | 18.0 |      |      |      | 18.0 | 21.6 | 3.6 |
|      | HT/VHT20, M0 to M7                  | 2 | 8  | 13.6 | 13.4 |      |      | 16.5 | 21.6 | 5.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 8  | 16.8 | 16.5 |      |      | 19.7 | 21.6 | 1.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 8  | 12.1 | 8.3  | 7.4  |      | 14.5 | 21.6 | 7.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 8  | 12.6 | 12.3 | 11.3 |      | 16.9 | 21.6 | 4.7 |
|      | HT/VHT20, M16 to M23                | 3 | 8  | 14.6 | 14.3 | 12.2 |      | 18.6 | 21.6 | 3.0 |



|                                   |   |    |      |      |      |      |      |      |     |
|-----------------------------------|---|----|------|------|------|------|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 8  | 8.9  | 5.0  | 4.0  | 6.6  | 12.6 | 21.6 | 9.0 |
| HT/VHT20, M8 to M15               | 4 | 8  | 12.1 | 8.3  | 7.4  | 9.7  | 15.8 | 21.6 | 5.8 |
| HT/VHT20, M16 to M23              | 4 | 8  | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 21.6 | 3.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 11 | 13.6 | 13.4 |      |      | 16.5 | 18.6 | 2.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 8  | 16.8 | 16.5 |      |      | 19.7 | 21.6 | 1.9 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 13 | 12.1 | 8.3  | 7.4  |      | 14.5 | 16.6 | 2.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 10 | 12.6 | 12.3 | 11.3 |      | 16.9 | 19.6 | 2.7 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 8  | 14.6 | 14.3 | 12.2 |      | 18.6 | 21.6 | 3.0 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 14 | 8.9  | 5.0  | 4.0  | 6.6  | 12.6 | 15.6 | 3.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 11 | 12.1 | 8.3  | 7.4  | 9.7  | 15.8 | 18.6 | 2.8 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 9  | 12.6 | 12.3 | 11.3 | 12.6 | 18.3 | 20.6 | 2.3 |
| HT/VHT20 STBC, M0 to M7           | 2 | 8  | 16.8 | 16.5 |      |      | 19.7 | 21.6 | 1.9 |
| HT/VHT20 STBC, M0 to M7           | 3 | 8  | 12.6 | 12.3 | 11.3 |      | 16.9 | 21.6 | 4.7 |
| HT/VHT20 STBC, M0 to M7           | 4 | 8  | 12.1 | 8.3  | 7.4  | 9.7  | 15.8 | 21.6 | 5.8 |



| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 8                             | -7.4               |                    |                    |                    | -7.4                | 9.0             | 16.4        |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 11                            | -8.9               | -11.1              |                    |                    | -6.9                | 6.0             | 12.9        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 13                            | -14.2              | -15.0              | -15.6              |                    | -10.1               | 4.0             | 14.1        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 14                            | -14.2              | -15.0              | -15.6              | -15.9              | -9.1                | 3.0             | 12.1        |
|                 | VHT160, M0 to M9 1ss                | 1        | 8                             | -5.5               |                    |                    |                    | -5.5                | 9.0             | 14.5        |
|                 | VHT160, M0 to M9 1ss                | 2        | 11                            | -6.4               | -7.0               |                    |                    | -3.7                | 6.0             | 9.7         |
|                 | VHT160, M0 to M9 2ss                | 2        | 8                             | -6.4               | -7.0               |                    |                    | -3.7                | 9.0             | 12.7        |
|                 | VHT160, M0 to M9 1ss                | 3        | 13                            | -7.6               | -7.9               | -7.7               |                    | -3.0                | 4.0             | 7.0         |
|                 | VHT160, M0 to M9 2ss                | 3        | 10                            | -7.6               | -7.9               | -7.7               |                    | -3.0                | 7.0             | 10.0        |
|                 | VHT160, M0 to M9 3ss                | 3        | 8                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 9.0             | 12.0        |
|                 | VHT160, M0 to M9 1ss                | 4        | 14                            | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 3.0             | 6.5         |
|                 | VHT160, M0 to M9 2ss                | 4        | 11                            | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 6.0             | 9.5         |
|                 | VHT160, M0 to M9 3ss                | 4        | 9                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 8.0             | 11.5        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 11                            | -7.6               | -7.9               |                    |                    | -4.7                | 6.0             | 10.7        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 8                             | -6.4               | -7.0               |                    |                    | -3.7                | 9.0             | 12.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 10                            | -7.9               | -9.9               | -9.9               |                    | -4.4                | 7.0             | 11.4        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 8                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 9.0             | 12.0        |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 14                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 3.0             | 9.7         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 11                            | -10.0              | -11.8              | -12.2              | -12.8              | -5.5                | 6.0             | 11.5        |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 9                             | -9.0               | -10.8              | -10.8              | -11.7              | -4.4                | 8.0             | 12.4        |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 8                             | -6.4               | -7.0               |                    |                    | -3.7                | 9.0             | 12.7        |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 8                             | -7.6               | -7.9               | -7.7               |                    | -3.0                | 9.0             | 12.0        |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 8                             | -7.9               | -9.9               | -9.9               | -11.1              | -3.5                | 9.0             | 12.5        |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 8                             | 6.6                |                    |                    |                    | 6.6                 | 9.0             | 2.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 11                            | 2.0                | 2.2                |                    |                    | 5.1                 | 6.0             | 0.9         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 13                            | -0.9               | -2.0               | -2.0               |                    | 3.2                 | 4.0             | 0.8         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 14                            | -2.2               | -3.1               | -3.3               | -4.1               | 2.9                 | 3.0             | 0.1         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 11                            | 2.0                | 2.2                |                    |                    | 5.1                 | 6.0             | 0.9         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 13                            | -0.9               | -2.0               | -2.0               |                    | 3.2                 | 4.0             | 0.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 14                            | -2.2               | -3.1               | -3.3               | -4.1               | 2.9                 | 3.0             | 0.1         |
|                 | HT/VHT20, M0 to M7                  | 1        | 8                             | 6.3                |                    |                    |                    | 6.3                 | 9.0             | 2.7         |
|                 | HT/VHT20, M0 to M7                  | 2        | 11                            | 2.9                | 2.9                |                    |                    | 5.9                 | 6.0             | 0.1         |



|      |                                   |   |    |      |      |      |      |     |     |     |
|------|-----------------------------------|---|----|------|------|------|------|-----|-----|-----|
|      | HT/VHT20, M8 to M15               | 2 | 8  | 5.3  | 5.4  |      |      | 8.4 | 9.0 | 0.6 |
|      | HT/VHT20, M0 to M7                | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2 | 4.0 | 0.8 |
|      | HT/VHT20, M8 to M15               | 3 | 10 | 0.8  | 1.3  | 2.0  |      | 6.2 | 7.0 | 0.8 |
|      | HT/VHT20, M16 to M23              | 3 | 8  | 4.0  | 3.9  | 4.3  |      | 8.8 | 9.0 | 0.2 |
|      | HT/VHT20, M0 to M7                | 4 | 14 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9 | 3.0 | 0.1 |
|      | HT/VHT20, M8 to M15               | 4 | 11 | 0.0  | -1.0 | -0.9 | -1.9 | 5.1 | 6.0 | 0.9 |
|      | HT/VHT20, M16 to M23              | 4 | 9  | 0.8  | 1.3  | 2.0  | 2.2  | 7.6 | 8.0 | 0.4 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 11 | 2.9  | 2.9  |      |      | 5.9 | 6.0 | 0.1 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 8  | 5.3  | 5.4  |      |      | 8.4 | 9.0 | 0.6 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2 | 4.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 10 | 0.8  | 1.3  | 2.0  |      | 6.2 | 7.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 8  | 4.0  | 3.9  | 4.3  |      | 8.8 | 9.0 | 0.2 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 14 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9 | 3.0 | 0.1 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 11 | 0.0  | -1.0 | -0.9 | -1.9 | 5.1 | 6.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 9  | 0.8  | 1.3  | 2.0  | 2.2  | 7.6 | 8.0 | 0.4 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 8  | 5.3  | 5.4  |      |      | 8.4 | 9.0 | 0.6 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 10 | 0.8  | 1.3  | 2.0  |      | 6.2 | 7.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 11 | 0.0  | -1.0 | -0.9 | -1.9 | 5.1 | 6.0 | 0.9 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 8  | 5.0  |      |      |      | 5.0 | 9.0 | 4.0 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 11 | 3.0  | 2.2  |      |      | 5.6 | 6.0 | 0.4 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 13 | 0.2  | -1.3 | -1.7 |      | 3.9 | 4.0 | 0.1 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 14 | -2.0 | -3.3 | -3.9 | -4.3 | 2.7 | 3.0 | 0.3 |
|      | HT/VHT40, M0 to M7                | 1 | 8  | 4.1  |      |      |      | 4.1 | 9.0 | 4.9 |
|      | HT/VHT40, M0 to M7                | 2 | 11 | 2.7  | 2.0  |      |      | 5.4 | 6.0 | 0.6 |
|      | HT/VHT40, M8 to M15               | 2 | 8  | 4.1  | 3.2  |      |      | 6.7 | 9.0 | 2.3 |
|      | HT/VHT40, M0 to M7                | 3 | 13 | -1.9 | -2.3 | -1.1 |      | 3.0 | 4.0 | 1.0 |
|      | HT/VHT40, M8 to M15               | 3 | 10 | 1.3  | 0.8  | 2.7  |      | 6.4 | 7.0 | 0.6 |
|      | HT/VHT40, M16 to M23              | 3 | 8  | 2.7  | 2.0  | 3.4  |      | 7.5 | 9.0 | 1.5 |
|      | HT/VHT40, M0 to M7                | 4 | 14 | -2.8 | -3.8 | -4.4 | -4.8 | 2.1 | 3.0 | 0.9 |
|      | HT/VHT40, M8 to M15               | 4 | 11 | -0.9 | -1.3 | 0.1  | 0.0  | 5.5 | 6.0 | 0.5 |
|      | HT/VHT40, M16 to M23              | 4 | 9  | 1.3  | 0.8  | 2.7  | 2.3  | 7.9 | 8.0 | 0.1 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 11 | 1.3  | 0.8  |      |      | 4.1 | 6.0 | 1.9 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 8  | 4.1  | 3.2  |      |      | 6.7 | 9.0 | 2.3 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 13 | -1.7 | -2.8 | -3.4 |      | 2.2 | 4.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 10 | 1.3  | 0.8  | 2.7  |      | 6.4 | 7.0 | 0.6 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 8  | 2.7  | 2.0  | 3.4  |      | 7.5 | 9.0 | 1.5 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 14 | -3.7 | -4.9 | -5.3 | -6.0 | 1.1 | 3.0 | 1.9 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 11 | -1.7 | -2.8 | -3.4 | -4.0 | 3.1 | 6.0 | 2.9 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 9  | -0.2 | -0.5 | -0.4 | 1.0  | 6.0 | 8.0 | 2.0 |
|      | HT/VHT40 STBC, M0 to M7           | 2 | 8  | 4.1  | 3.2  |      |      | 6.7 | 9.0 | 2.3 |



|      |                                     |   |    |      |      |      |       |      |     |      |
|------|-------------------------------------|---|----|------|------|------|-------|------|-----|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 10 | 1.3  | 0.8  | 2.7  |       | 6.4  | 7.0 | 0.6  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 11 | -0.9 | -1.3 | 0.1  | 0.0   | 5.5  | 6.0 | 0.5  |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 8  | -3.3 |      |      |       | -3.3 | 9.0 | 12.3 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 11 | -3.3 | -3.8 |      |       | -0.5 | 6.0 | 6.5  |
|      | Non HT80, 6 to 54 Mbps              | 3 | 13 | -5.1 | -5.8 | -5.1 |       | -0.5 | 4.0 | 4.5  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 14 | -5.1 | -5.8 | -5.1 | -5.0  | 0.8  | 3.0 | 2.2  |
|      | VHT80, M0 to M9 1ss                 | 1 | 8  | 0.2  |      |      |       | 0.2  | 9.0 | 8.8  |
|      | VHT80, M0 to M9 1ss                 | 2 | 11 | -0.7 | -1.7 |      |       | 1.8  | 6.0 | 4.2  |
|      | VHT80, M0 to M9 2ss                 | 2 | 8  | -0.7 | -1.7 |      |       | 1.8  | 9.0 | 7.2  |
|      | VHT80, M0 to M9 1ss                 | 3 | 13 | -3.3 | -3.7 | -4.2 |       | 1.1  | 4.0 | 2.9  |
|      | VHT80, M0 to M9 2ss                 | 3 | 10 | -3.3 | -3.7 | -4.2 |       | 1.1  | 7.0 | 5.9  |
|      | VHT80, M0 to M9 3ss                 | 3 | 8  | -3.3 | -3.7 | -4.2 |       | 1.1  | 9.0 | 7.9  |
|      | VHT80, M0 to M9 1ss                 | 4 | 14 | -5.1 | -5.8 | -5.0 | -4.5  | 0.9  | 3.0 | 2.1  |
|      | VHT80, M0 to M9 2ss                 | 4 | 11 | -5.1 | -5.8 | -5.0 | -4.5  | 0.9  | 6.0 | 5.1  |
|      | VHT80, M0 to M9 3ss                 | 4 | 9  | -5.1 | -5.8 | -5.0 | -4.5  | 0.9  | 8.0 | 7.1  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 11 | -3.3 | -3.7 |      |       | -0.5 | 6.0 | 6.5  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 8  | -0.7 | -1.7 |      |       | 1.8  | 9.0 | 7.2  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 13 | -7.3 | -8.8 | -9.2 |       | -3.6 | 4.0 | 7.6  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 10 | -5.1 | -5.8 | -5.0 |       | -0.5 | 7.0 | 7.5  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 8  | -3.3 | -3.7 | -4.2 |       | 1.1  | 9.0 | 7.9  |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 14 | -8.2 | -9.6 | -9.9 | -11.0 | -3.5 | 3.0 | 6.5  |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 11 | -6.1 | -7.6 | -7.9 | -8.9  | -1.5 | 6.0 | 7.5  |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 9  | -4.9 | -6.7 | -6.7 | -7.6  | -0.3 | 8.0 | 8.3  |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 8  | -0.7 | -1.7 |      |       | 1.8  | 9.0 | 7.2  |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 8  | -3.3 | -3.7 | -4.2 |       | 1.1  | 9.0 | 7.9  |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 8  | -5.1 | -5.8 | -5.0 | -4.5  | 0.9  | 9.0 | 8.1  |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 8  | 7.0  |      |      |       | 7.0  | 9.0 | 2.0  |
|      | Non HT20, 6 to 54 Mbps              | 2 | 11 | 2.9  | 2.3  |      |       | 5.6  | 6.0 | 0.4  |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -0.5 | -2.5 | -2.8 |       | 3.0  | 4.0 | 1.0  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 14 | -1.7 | -3.6 | -4.1 | -4.1  | 2.8  | 3.0 | 0.2  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | 2.9  | 2.3  |      |       | 5.6  | 6.0 | 0.4  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 13 | -0.5 | -2.5 | -2.8 |       | 3.0  | 4.0 | 1.0  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 14 | -1.7 | -3.6 | -4.1 | -4.1  | 2.8  | 3.0 | 0.2  |
|      | HT/VHT20, M0 to M7                  | 1 | 8  | 7.0  |      |      |       | 7.0  | 9.0 | 2.0  |
|      | HT/VHT20, M0 to M7                  | 2 | 11 | 2.5  | 2.1  |      |       | 5.3  | 6.0 | 0.7  |
|      | HT/VHT20, M8 to M15                 | 2 | 8  | 5.7  | 5.2  |      |       | 8.5  | 9.0 | 0.5  |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9  |
|      | HT/VHT20, M8 to M15                 | 3 | 10 | 1.4  | 1.0  | 1.8  |       | 6.2  | 7.0 | 0.8  |
|      | HT/VHT20, M16 to M23                | 3 | 8  | 3.3  | 3.0  | 2.4  |       | 7.7  | 9.0 | 1.3  |



|      |                                     |          |           |            |             |             |             |            |            |            |
|------|-------------------------------------|----------|-----------|------------|-------------|-------------|-------------|------------|------------|------------|
|      | HT/VHT20, M0 to M7                  | 4        | 14        | -1.7       | -3.8        | -4.1        | -4.4        | 2.7        | 3.0        | 0.3        |
|      | <b>HT/VHT20, M8 to M15</b>          | <b>4</b> | <b>11</b> | <b>1.6</b> | <b>-0.6</b> | <b>-0.7</b> | <b>-1.0</b> | <b>6.0</b> | <b>6.0</b> | <b>0.0</b> |
|      | HT/VHT20, M16 to M23                | 4        | 9         | 1.4        | 1.0         | 1.8         | 2.5         | 7.7        | 8.0        | 0.3        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2        | 11        | 2.5        | 2.1         |             |             | 5.3        | 6.0        | 0.7        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2        | 8         | 5.7        | 5.2         |             |             | 8.5        | 9.0        | 0.5        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3        | 13        | -0.4       | -2.4        | -2.7        |             | 3.1        | 4.0        | 0.9        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3        | 10        | 1.4        | 1.0         | 1.8         |             | 6.2        | 7.0        | 0.8        |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3        | 8         | 3.3        | 3.0         | 2.4         |             | 7.7        | 9.0        | 1.3        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4        | 14        | -1.7       | -3.8        | -4.1        | -4.4        | 2.7        | 3.0        | 0.3        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4        | 11        | 1.6        | -0.6        | -0.7        | -1.0        | 6.0        | 6.0        | 0.0        |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4        | 9         | 1.4        | 1.0         | 1.8         | 2.5         | 7.7        | 8.0        | 0.3        |
|      | HT/VHT20 STBC, M0 to M7             | 2        | 8         | 5.7        | 5.2         |             |             | 8.5        | 9.0        | 0.5        |
|      | HT/VHT20 STBC, M0 to M7             | 3        | 10        | 1.4        | 1.0         | 1.8         |             | 6.2        | 7.0        | 0.8        |
|      | HT/VHT20 STBC, M0 to M7             | 4        | 11        | 1.6        | -0.6        | -0.7        | -1.0        | 6.0        | 6.0        | 0.0        |
|      |                                     |          |           |            |             |             |             |            |            |            |
| 5300 | Non HT20, 6 to 54 Mbps              | 1        | 8         | 7.5        |             |             |             | 7.5        | 9.0        | 1.5        |
|      | Non HT20, 6 to 54 Mbps              | 2        | 11        | 2.2        | 1.7         |             |             | 5.0        | 6.0        | 1.0        |
|      | Non HT20, 6 to 54 Mbps              | 3        | 13        | 0.8        | -2.1        | -3.1        |             | 3.6        | 4.0        | 0.4        |
|      | Non HT20, 6 to 54 Mbps              | 4        | 14        | -1.2       | -4.4        | -5.4        | -4.3        | 2.5        | 3.0        | 0.5        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 11        | 2.2        | 1.7         |             |             | 5.0        | 6.0        | 1.0        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 13        | 0.8        | -2.1        | -3.1        |             | 3.6        | 4.0        | 0.4        |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 14        | -1.2       | -4.4        | -5.4        | -4.3        | 2.5        | 3.0        | 0.5        |
|      | HT/VHT20, M0 to M7                  | 1        | 8         | 7.3        |             |             |             | 7.3        | 9.0        | 1.7        |
|      | HT/VHT20, M0 to M7                  | 2        | 11        | 2.9        | 2.5         |             |             | 5.7        | 6.0        | 0.3        |
|      | HT/VHT20, M8 to M15                 | 2        | 8         | 5.5        | 4.4         |             |             | 8.0        | 9.0        | 1.0        |
|      | HT/VHT20, M0 to M7                  | 3        | 13        | 0.7        | -2.2        | -3.2        |             | 3.5        | 4.0        | 0.5        |
|      | HT/VHT20, M8 to M15                 | 3        | 10        | 2.2        | 1.5         | 1.2         |             | 6.4        | 7.0        | 0.6        |
|      | HT/VHT20, M16 to M23                | 3        | 8         | 4.0        | 3.5         | 2.1         |             | 8.0        | 9.0        | 1.0        |
|      | HT/VHT20, M0 to M7                  | 4        | 14        | -1.5       | -4.6        | -5.6        | -4.3        | 2.3        | 3.0        | 0.7        |
|      | HT/VHT20, M8 to M15                 | 4        | 11        | 1.7        | -1.3        | -1.7        | -1.0        | 5.7        | 6.0        | 0.3        |
|      | HT/VHT20, M16 to M23                | 4        | 9         | 2.2        | 1.5         | 1.2         | 2.2         | 7.8        | 8.0        | 0.2        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2        | 11        | 2.9        | 2.5         |             |             | 5.7        | 6.0        | 0.3        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2        | 8         | 5.5        | 4.4         |             |             | 8.0        | 9.0        | 1.0        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3        | 13        | 0.7        | -2.2        | -3.2        |             | 3.5        | 4.0        | 0.5        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3        | 10        | 2.2        | 1.5         | 1.2         |             | 6.4        | 7.0        | 0.6        |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3        | 8         | 4.0        | 3.5         | 2.1         |             | 8.0        | 9.0        | 1.0        |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4        | 14        | -1.5       | -4.6        | -5.6        | -4.3        | 2.3        | 3.0        | 0.7        |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4        | 11        | 1.7        | -1.3        | -1.7        | -1.0        | 5.7        | 6.0        | 0.3        |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4        | 9         | 2.2        | 1.5         | 1.2         | 2.2         | 7.8        | 8.0        | 0.2        |
|      | HT/VHT20 STBC, M0 to M7             | 2        | 8         | 5.5        | 4.4         |             |             | 8.0        | 9.0        | 1.0        |
|      | HT/VHT20 STBC, M0 to M7             | 3        | 10        | 2.2        | 1.5         | 1.2         |             | 6.4        | 7.0        | 0.6        |

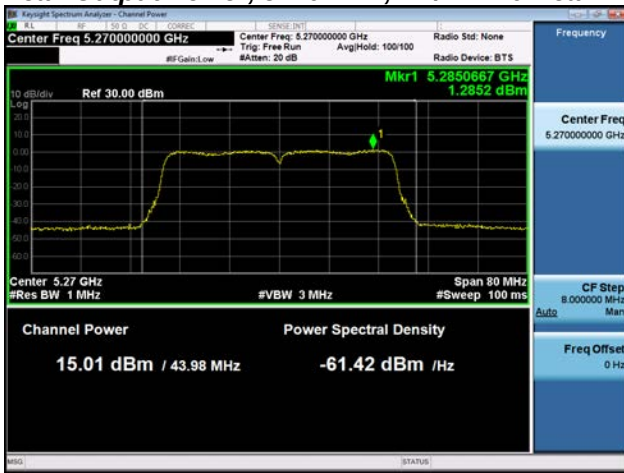
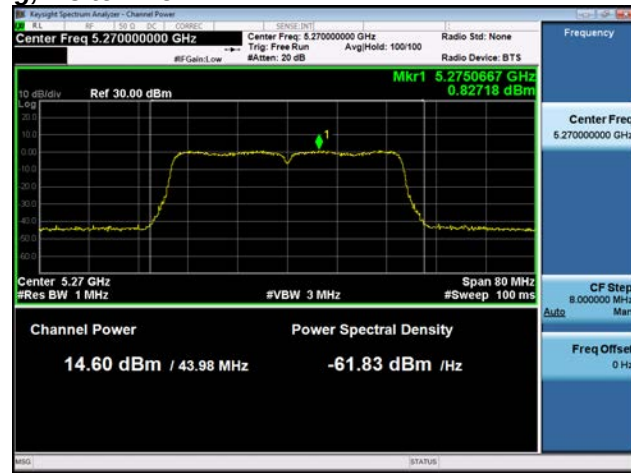
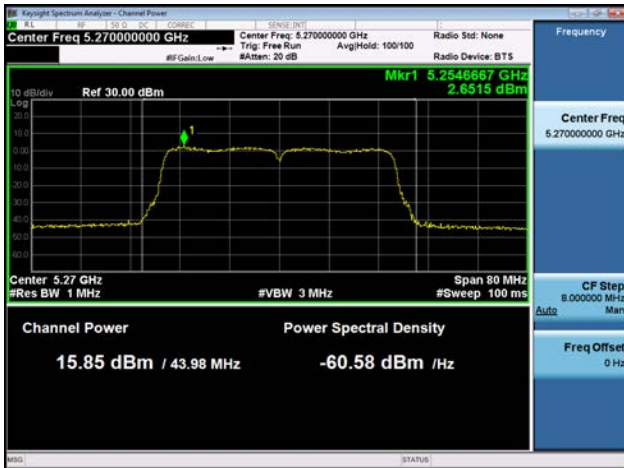


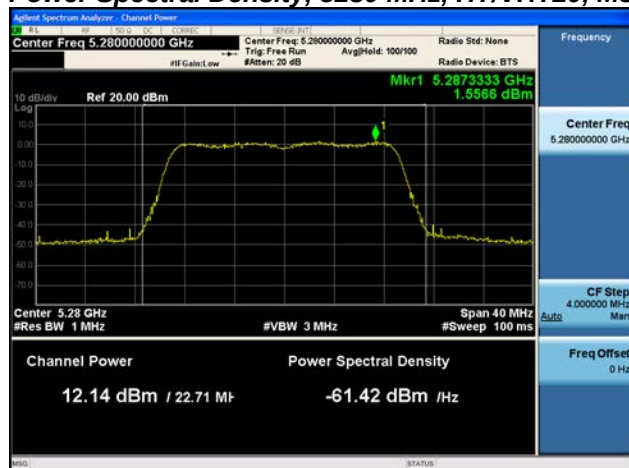
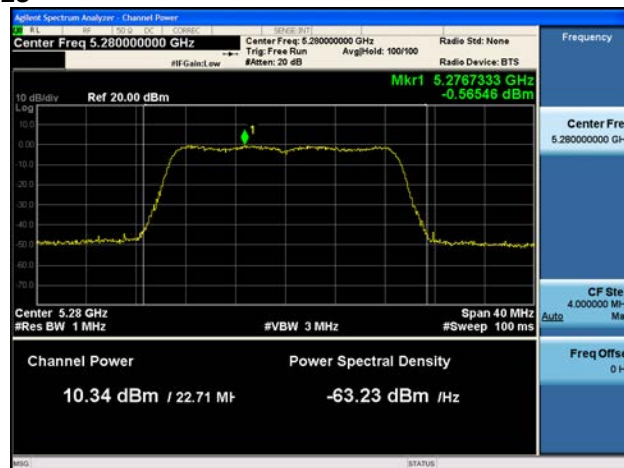
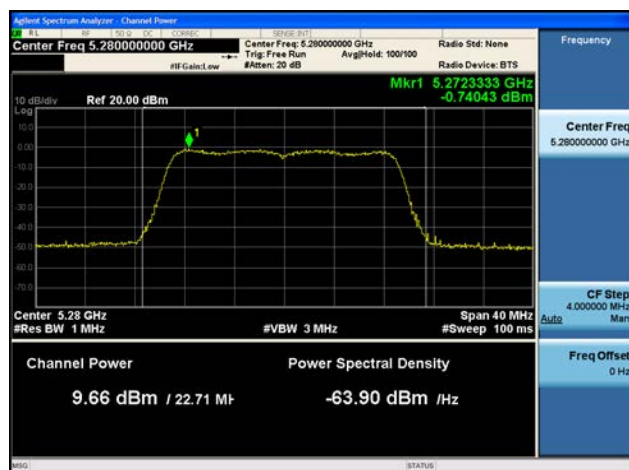
|      |                                     |   |    |      |      |      |      |     |     |     |
|------|-------------------------------------|---|----|------|------|------|------|-----|-----|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 11 | 1.7  | -1.3 | -1.7 | -1.0 | 5.7 | 6.0 | 0.3 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 8  | 2.1  |      |      |      | 2.1 | 9.0 | 6.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 11 | 1.1  | 0.7  |      |      | 3.9 | 6.0 | 2.1 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 13 | 0.5  | -2.7 | -4.3 |      | 3.1 | 4.0 | 0.9 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 14 | -1.1 | -3.8 | -4.8 | -3.4 | 3.0 | 3.0 | 0.0 |
|      | HT/VHT40, M0 to M7                  | 1 | 8  | 4.2  |      |      |      | 4.2 | 9.0 | 4.8 |
|      | HT/VHT40, M0 to M7                  | 2 | 11 | 3.2  | 2.4  |      |      | 5.8 | 6.0 | 0.2 |
|      | HT/VHT40, M8 to M15                 | 2 | 8  | 4.2  | 3.6  |      |      | 6.9 | 9.0 | 2.1 |
|      | HT/VHT40, M0 to M7                  | 3 | 13 | -1.2 | -1.5 | -2.0 |      | 3.2 | 4.0 | 0.8 |
|      | HT/VHT40, M8 to M15                 | 3 | 10 | 1.7  | 1.5  | 1.7  |      | 6.4 | 7.0 | 0.6 |
|      | HT/VHT40, M16 to M23                | 3 | 8  | 1.7  | 1.5  | 1.7  |      | 6.4 | 9.0 | 2.6 |
|      | HT/VHT40, M0 to M7                  | 4 | 14 | -1.7 | -4.5 | -5.4 | -4.2 | 2.3 | 3.0 | 0.7 |
|      | HT/VHT40, M8 to M15                 | 4 | 11 | -0.3 | -0.7 | -0.9 | 0.2  | 5.6 | 6.0 | 0.4 |
|      | HT/VHT40, M16 to M23                | 4 | 9  | 2.0  | 1.4  | 0.0  | 0.9  | 7.2 | 8.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 11 | 1.7  | 1.5  |      |      | 4.6 | 6.0 | 1.4 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 8  | 4.2  | 3.6  |      |      | 6.9 | 9.0 | 2.1 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 13 | -1.2 | -1.5 | -2.0 |      | 3.2 | 4.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 10 | 2.0  | 1.4  | 0.0  |      | 6.0 | 7.0 | 1.0 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 8  | 1.7  | 1.5  | 1.7  |      | 6.4 | 9.0 | 2.6 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 14 | -2.4 | -5.3 | -6.3 | -5.3 | 1.5 | 3.0 | 1.5 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 11 | -1.2 | -1.5 | -2.0 | -1.2 | 4.6 | 6.0 | 1.4 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 9  | 0.5  | 0.2  | -1.1 | 1.2  | 6.3 | 8.0 | 1.7 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 8  | 4.2  | 3.6  |      |      | 6.9 | 9.0 | 2.1 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 10 | 1.7  | 1.5  | 1.7  |      | 6.4 | 7.0 | 0.6 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 11 | -0.3 | -0.7 | -0.9 | 0.2  | 5.6 | 6.0 | 0.4 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 8  | 7.3  |      |      |      | 7.3 | 9.0 | 1.7 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 11 | 3.3  | 2.5  |      |      | 5.9 | 6.0 | 0.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | 1.4  | -2.3 | -3.3 |      | 3.9 | 4.0 | 0.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 14 | -1.6 | -5.8 | -6.8 | -4.1 | 1.9 | 3.0 | 1.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 11 | 3.3  | 2.5  |      |      | 5.9 | 6.0 | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 13 | 1.4  | -2.3 | -3.3 |      | 3.9 | 4.0 | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 14 | -1.6 | -5.8 | -6.8 | -4.1 | 1.9 | 3.0 | 1.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 8  | 7.3  |      |      |      | 7.3 | 9.0 | 1.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 11 | 2.8  | 2.4  |      |      | 5.6 | 6.0 | 0.4 |
|      | HT/VHT20, M8 to M15                 | 2 | 8  | 5.9  | 5.8  |      |      | 8.9 | 9.0 | 0.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | 1.5  | -2.5 | -3.0 |      | 3.9 | 4.0 | 0.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 10 | 1.9  | 2.0  | 0.8  |      | 6.4 | 7.0 | 0.6 |
|      | HT/VHT20, M16 to M23                | 3 | 8  | 3.6  | 3.4  | 1.6  |      | 7.7 | 9.0 | 1.3 |
|      | HT/VHT20, M0 to M7                  | 4 | 14 | -1.7 | -5.9 | -6.8 | -4.4 | 1.8 | 3.0 | 1.2 |





|                                   |   |    |      |      |      |      |     |     |     |
|-----------------------------------|---|----|------|------|------|------|-----|-----|-----|
| HT/VHT20, M8 to M15               | 4 | 11 | 1.5  | -2.5 | -3.0 | -1.0 | 5.1 | 6.0 | 0.9 |
| HT/VHT20, M16 to M23              | 4 | 9  | 1.9  | 2.0  | 0.8  | 1.7  | 7.6 | 8.0 | 0.4 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 11 | 2.8  | 2.4  |      |      | 5.6 | 6.0 | 0.4 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 8  | 5.9  | 5.8  |      |      | 8.9 | 9.0 | 0.1 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 13 | 1.5  | -2.5 | -3.0 |      | 3.9 | 4.0 | 0.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 10 | 1.9  | 2.0  | 0.8  |      | 6.4 | 7.0 | 0.6 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 8  | 3.6  | 3.4  | 1.6  |      | 7.7 | 9.0 | 1.3 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 14 | -1.7 | -5.9 | -6.8 | -4.4 | 1.8 | 3.0 | 1.2 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 11 | 1.5  | -2.5 | -3.0 | -1.0 | 5.1 | 6.0 | 0.9 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 9  | 1.9  | 2.0  | 0.8  | 1.7  | 7.6 | 8.0 | 0.4 |
| HT/VHT20 STBC, M0 to M7           | 2 | 8  | 5.9  | 5.8  |      |      | 8.9 | 9.0 | 0.1 |
| HT/VHT20 STBC, M0 to M7           | 3 | 10 | 1.9  | 2.0  | 0.8  |      | 6.4 | 7.0 | 0.6 |
| HT/VHT20 STBC, M0 to M7           | 4 | 11 | 1.5  | -2.5 | -3.0 | -1.0 | 5.1 | 6.0 | 0.9 |

**Peak Output Power, 5270 MHz, HT/VHT40 Beam Forming, M8 to M15****Antenna A****Antenna B****Antenna C**

**Power Spectral Density, 5280 MHz, HT/VHT20, M8 to M15****Antenna A****Antenna B****Antenna C****Antenna D**



## Antenna Gain : 13 dBi

| Frequency (MHz) | Mode                                | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Max Power (dBm) | Tx 2 Max Power (dBm) | Tx 3 Max Power (dBm) | Tx 4 Max Power (dBm) | Total Tx Channel Power (dBm) | Limit (dBm) | Margin (dB) |
|-----------------|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------------|-------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps             | 1        | 13                            | 9.6                  |                      |                      |                      | 9.6                          | 17.0        | 7.4         |
|                 | Non HT160, 6 to 54 Mbps             | 2        | 13                            | -0.3                 | -0.8                 |                      |                      | 2.5                          | 17.0        | 14.5        |
|                 | Non HT160, 6 to 54 Mbps             | 3        | 13                            | -0.3                 | -0.8                 | 0.0                  |                      | 4.4                          | 17.0        | 12.6        |
|                 | Non HT160, 6 to 54 Mbps             | 4        | 13                            | -0.3                 | -0.8                 | 0.0                  | -0.7                 | 5.6                          | 17.0        | 11.4        |
|                 | VHT160, M0 to M9 1ss                | 1        | 13                            | 12.3                 |                      |                      |                      | 12.3                         | 17.0        | 4.7         |
|                 | VHT160, M0 to M9 1ss                | 2        | 13                            | 11.2                 | 8.6                  |                      |                      | 13.1                         | 17.0        | 3.9         |
|                 | VHT160, M0 to M9 2ss                | 2        | 13                            | 11.2                 | 8.6                  |                      |                      | 13.1                         | 17.0        | 3.9         |
|                 | VHT160, M0 to M9 1ss                | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160, M0 to M9 2ss                | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160, M0 to M9 3ss                | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160, M0 to M9 1ss                | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
|                 | VHT160, M0 to M9 2ss                | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
|                 | VHT160, M0 to M9 3ss                | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 2        | 13                            | 11.2                 | 8.6                  |                      |                      | 13.1                         | 17.0        | 3.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 2        | 13                            | 11.2                 | 8.6                  |                      |                      | 13.1                         | 17.0        | 3.9         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 3        | 16                            | 7.8                  | 5.3                  | 5.3                  |                      | 11.1                         | 14.0        | 2.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160 Beam Forming, M0 to M9 1ss   | 4        | 16                            | 6.8                  | 4.3                  | 4.3                  | 4.3                  | 11.1                         | 14.0        | 2.9         |
|                 | VHT160 Beam Forming, M0 to M9 2ss   | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
|                 | VHT160 Beam Forming, M0 to M9 3ss   | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
|                 | VHT160 STBC, M0 to M9 1ss           | 2        | 13                            | 11.2                 | 8.6                  |                      |                      | 13.1                         | 17.0        | 3.9         |
|                 | VHT160 STBC, M0 to M9 1ss           | 3        | 13                            | 10.2                 | 7.6                  | 7.1                  |                      | 13.3                         | 17.0        | 3.7         |
|                 | VHT160 STBC, M0 to M9 1ss           | 4        | 13                            | 8.7                  | 6.3                  | 6.1                  | 6.4                  | 13.0                         | 17.0        | 4.0         |
| 5260            | Non HT20, 6 to 54 Mbps              | 1        | 13                            | 13.6                 |                      |                      |                      | 13.6                         | 17.0        | 3.4         |
|                 | Non HT20, 6 to 54 Mbps              | 2        | 13                            | 11.5                 | 10.6                 |                      |                      | 14.1                         | 16.1        | 2.0         |
|                 | Non HT20, 6 to 54 Mbps              | 3        | 13                            | 7.4                  | 6.5                  | 6.2                  |                      | 11.5                         | 16.2        | 4.7         |
|                 | Non HT20, 6 to 54 Mbps              | 4        | 13                            | 5.5                  | 4.7                  | 4.4                  | 3.5                  | 10.6                         | 16.4        | 5.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 2        | 13                            | 11.5                 | 10.6                 |                      |                      | 14.1                         | 16.1        | 2.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 3        | 16                            | 7.4                  | 6.5                  | 6.2                  |                      | 11.5                         | 13.2        | 1.7         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps | 4        | 16                            | 5.5                  | 4.7                  | 4.4                  | 3.5                  | 10.6                         | 13.4        | 2.8         |
|                 | HT/VHT20, M0 to M7                  | 1        | 13                            | 14.8                 |                      |                      |                      | 14.8                         | 16.4        | 1.6         |



|      |                                   |          |           |             |             |      |     |             |             |            |
|------|-----------------------------------|----------|-----------|-------------|-------------|------|-----|-------------|-------------|------------|
|      | HT/VHT20, M0 to M7                | 2        | 13        | 11.7        | 10.9        |      |     | 14.3        | 16.4        | 2.1        |
|      | HT/VHT20, M8 to M15               | 2        | 13        | 11.7        | 10.9        |      |     | 14.3        | 16.4        | 2.1        |
|      | HT/VHT20, M0 to M7                | 3        | 13        | 7.6         | 6.7         | 6.5  |     | 11.7        | 16.4        | 4.7        |
|      | HT/VHT20, M8 to M15               | 3        | 13        | 9.7         | 9.0         | 8.8  |     | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20, M16 to M23              | 3        | 13        | 9.7         | 9.0         | 8.8  |     | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20, M0 to M7                | 4        | 13        | 5.7         | 5.0         | 4.5  | 3.8 | 10.8        | 16.4        | 5.6        |
|      | HT/VHT20, M8 to M15               | 4        | 13        | 8.5         | 7.6         | 7.5  | 6.6 | 13.6        | 16.4        | 2.8        |
|      | HT/VHT20, M16 to M23              | 4        | 13        | 8.5         | 7.6         | 7.5  | 6.6 | 13.6        | 16.4        | 2.8        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2        | 13        | 11.7        | 10.9        |      |     | 14.3        | 16.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2        | 13        | 11.7        | 10.9        |      |     | 14.3        | 16.4        | 2.1        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3        | 16        | 6.7         | 5.8         | 5.5  |     | 10.8        | 13.2        | 2.4        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3        | 13        | 9.7         | 9.0         | 8.8  |     | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3        | 13        | 9.7         | 9.0         | 8.8  |     | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4        | 16        | 5.7         | 5.0         | 4.5  | 3.8 | 10.8        | 13.4        | 2.6        |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4        | 13        | 8.5         | 7.6         | 7.5  | 6.6 | 13.6        | 16.4        | 2.8        |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4        | 13        | 8.5         | 7.6         | 7.5  | 6.6 | 13.6        | 16.4        | 2.8        |
|      | HT/VHT20 STBC, M0 to M7           | 2        | 13        | 11.7        | 10.9        |      |     | 14.3        | 16.4        | 2.1        |
|      | HT/VHT20 STBC, M0 to M7           | 3        | 13        | 9.7         | 9.0         | 8.8  |     | 14.0        | 16.4        | 2.4        |
|      | HT/VHT20 STBC, M0 to M7           | 4        | 13        | 8.5         | 7.6         | 7.5  | 6.6 | 13.6        | 16.4        | 2.8        |
| 5270 | Non HT40, 6 to 54 Mbps            | 1        | 13        | 16.2        |             |      |     | 16.2        | 17.0        | 0.8        |
|      | Non HT40, 6 to 54 Mbps            | 2        | 13        | 13.8        | 13.6        |      |     | 16.7        | 17.0        | 0.3        |
|      | Non HT40, 6 to 54 Mbps            | 3        | 13        | 12.1        | 11.0        | 10.2 |     | 15.9        | 16.2        | 0.3        |
|      | Non HT40, 6 to 54 Mbps            | 4        | 13        | 9.9         | 8.8         | 8.0  | 7.7 | 14.7        | 16.1        | 1.4        |
|      | HT/VHT40, M0 to M7                | 1        | 13        | 16.2        |             |      |     | 16.2        | 17.0        | 0.8        |
|      | <b>HT/VHT40, M0 to M7</b>         | <b>2</b> | <b>13</b> | <b>13.6</b> | <b>13.5</b> |      |     | <b>16.6</b> | <b>16.6</b> | <b>0.0</b> |
|      | HT/VHT40, M8 to M15               | 2        | 13        | 13.6        | 13.5        |      |     | 16.6        | 16.6        | 0.0        |
|      | HT/VHT40, M0 to M7                | 3        | 13        | 10.9        | 9.9         | 9.0  |     | 14.8        | 16.2        | 1.4        |
|      | HT/VHT40, M8 to M15               | 3        | 13        | 11.9        | 10.9        | 10.0 |     | 15.8        | 16.6        | 0.8        |
|      | HT/VHT40, M16 to M23              | 3        | 13        | 11.9        | 10.9        | 10.0 |     | 15.8        | 16.6        | 0.8        |
|      | HT/VHT40, M0 to M7                | 4        | 13        | 8.6         | 7.5         | 6.7  | 6.4 | 13.4        | 16.2        | 2.8        |
|      | HT/VHT40, M8 to M15               | 4        | 13        | 10.9        | 9.9         | 9.0  | 8.6 | 15.7        | 16.2        | 0.5        |
|      | HT/VHT40, M16 to M23              | 4        | 13        | 10.9        | 9.9         | 9.0  | 8.6 | 15.7        | 16.2        | 0.5        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2        | 13        | 11.7        | 11.6        |      |     | 14.7        | 17.0        | 2.3        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2        | 13        | 13.6        | 13.5        |      |     | 16.6        | 16.6        | 0.0        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3        | 16        | 8.6         | 7.5         | 6.7  |     | 12.4        | 14.0        | 1.6        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3        | 13        | 11.9        | 10.9        | 10.0 |     | 15.8        | 16.6        | 0.8        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3        | 13        | 11.9        | 10.9        | 10.0 |     | 15.8        | 16.6        | 0.8        |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4        | 16        | 6.7         | 5.6         | 4.9  | 4.5 | 11.5        | 13.1        | 1.6        |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4        | 13        | 9.9         | 8.9         | 7.8  | 7.6 | 14.7        | 16.2        | 1.5        |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4        | 13        | 10.9        | 9.9         | 9.0  | 8.6 | 15.7        | 16.2        | 0.5        |



|      |                                     |   |    |      |      |      |     |      |      |     |
|------|-------------------------------------|---|----|------|------|------|-----|------|------|-----|
|      | HT/VHT40 STBC, M0 to M7             | 2 | 13 | 13.6 | 13.5 |      |     | 16.6 | 16.6 | 0.0 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | 11.9 | 10.9 | 10.0 |     | 15.8 | 16.6 | 0.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | 10.9 | 9.9  | 9.0  | 8.6 | 15.7 | 16.2 | 0.5 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 14.0 |      |      |     | 14.0 | 16.6 | 2.6 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 12.0 | 10.2 |      |     | 14.2 | 16.6 | 2.4 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | 7.9  | 6.0  | 5.2  |     | 11.3 | 16.6 | 5.3 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | 6.0  | 4.2  | 3.3  | 3.5 | 10.4 | 16.6 | 6.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 12.0 | 10.2 |      |     | 14.2 | 16.6 | 2.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | 7.9  | 6.0  | 5.2  |     | 11.3 | 13.6 | 2.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | 6.0  | 4.2  | 3.3  | 3.5 | 10.4 | 13.6 | 3.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 14.1 |      |      |     | 14.1 | 16.6 | 2.5 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 12.1 | 10.3 |      |     | 14.3 | 16.6 | 2.3 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 12.1 | 10.3 |      |     | 14.3 | 16.6 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | 8.0  | 6.2  | 5.4  |     | 11.4 | 16.6 | 5.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | 10.1 | 8.5  | 7.8  |     | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | 10.1 | 8.5  | 7.8  |     | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | 6.2  | 4.3  | 3.4  | 3.6 | 10.5 | 16.6 | 6.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | 9.0  | 7.0  | 6.3  | 6.5 | 13.4 | 16.6 | 3.2 |
|      | HT/VHT20, M16 to M23                | 4 | 13 | 9.0  | 7.0  | 6.3  | 6.5 | 13.4 | 16.6 | 3.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | 12.1 | 10.3 |      |     | 14.3 | 16.6 | 2.3 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | 12.1 | 10.3 |      |     | 14.3 | 16.6 | 2.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | 8.0  | 6.2  | 5.4  |     | 11.4 | 13.6 | 2.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | 10.1 | 8.5  | 7.8  |     | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | 10.1 | 8.5  | 7.8  |     | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | 6.2  | 4.3  | 3.4  | 3.6 | 10.5 | 13.6 | 3.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | 9.0  | 7.0  | 6.3  | 6.5 | 13.4 | 16.6 | 3.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | 9.0  | 7.0  | 6.3  | 6.5 | 13.4 | 16.6 | 3.2 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | 12.1 | 10.3 |      |     | 14.3 | 16.6 | 2.3 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | 10.1 | 8.5  | 7.8  |     | 13.7 | 16.6 | 2.9 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | 9.0  | 7.0  | 6.3  | 6.5 | 13.4 | 16.6 | 3.2 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 13 | 13.5 |      |      |     | 13.5 | 17.0 | 3.5 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 13 | 10.4 | 9.9  |      |     | 13.2 | 17.0 | 3.8 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 13 | 8.4  | 6.4  | 6.6  |     | 12.0 | 17.0 | 5.0 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 13 | 8.4  | 6.5  | 5.6  | 6.2 | 12.8 | 17.0 | 4.2 |
|      | VHT80, M0 to M9 1ss                 | 1 | 13 | 13.9 |      |      |     | 13.9 | 17.0 | 3.1 |
|      | VHT80, M0 to M9 1ss                 | 2 | 13 | 12.0 | 11.6 |      |     | 14.8 | 17.0 | 2.2 |
|      | VHT80, M0 to M9 2ss                 | 2 | 13 | 12.0 | 11.6 |      |     | 14.8 | 17.0 | 2.2 |
|      | VHT80, M0 to M9 1ss                 | 3 | 13 | 10.1 | 8.0  | 7.0  |     | 13.3 | 17.0 | 3.7 |
|      | VHT80, M0 to M9 2ss                 | 3 | 13 | 10.1 | 8.0  | 7.0  |     | 13.3 | 17.0 | 3.7 |



|      |                                     |   |    |      |      |     |     |      |      |     |
|------|-------------------------------------|---|----|------|------|-----|-----|------|------|-----|
|      | VHT80, M0 to M9 3ss                 | 3 | 13 | 10.1 | 8.0  | 7.0 |     | 13.3 | 17.0 | 3.7 |
|      | VHT80, M0 to M9 1ss                 | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
|      | VHT80, M0 to M9 2ss                 | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
|      | VHT80, M0 to M9 3ss                 | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 13 | 12.0 | 11.6 |     |     | 14.8 | 17.0 | 2.2 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 13 | 12.0 | 11.6 |     |     | 14.8 | 17.0 | 2.2 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 16 | 7.8  | 5.8  | 5.0 |     | 11.1 | 14.0 | 2.9 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 13 | 10.1 | 8.0  | 7.0 |     | 13.3 | 17.0 | 3.7 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 13 | 10.1 | 8.0  | 7.0 |     | 13.3 | 17.0 | 3.7 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 16 | 6.8  | 4.8  | 4.1 | 4.6 | 11.2 | 14.0 | 2.8 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 13 | 12.0 | 11.6 |     |     | 14.8 | 17.0 | 2.2 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 13 | 10.1 | 8.0  | 7.0 |     | 13.3 | 17.0 | 3.7 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 13 | 8.8  | 6.9  | 5.9 | 6.6 | 13.2 | 17.0 | 3.8 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 14.5 |      |     |     | 14.5 | 17.0 | 2.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 12.4 | 9.2  |     |     | 14.1 | 16.4 | 2.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | 8.2  | 5.0  | 3.9 |     | 10.9 | 16.4 | 5.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | 6.3  | 3.2  | 1.9 | 3.5 | 10.1 | 16.4 | 6.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 12.4 | 9.2  |     |     | 14.1 | 16.4 | 2.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | 8.2  | 5.0  | 3.9 |     | 10.9 | 13.4 | 2.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | 6.3  | 3.2  | 1.9 | 3.5 | 10.1 | 13.4 | 3.3 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 14.7 |      |     |     | 14.7 | 17.0 | 2.3 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 12.6 | 9.3  |     |     | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 12.6 | 9.3  |     |     | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | 8.4  | 5.1  | 4.1 |     | 11.0 | 16.4 | 5.4 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | 11.5 | 8.4  | 7.4 |     | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | 11.5 | 8.4  | 7.4 |     | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | 6.4  | 3.3  | 2.1 | 3.6 | 10.2 | 16.4 | 6.2 |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | 9.3  | 6.0  | 5.0 | 6.5 | 13.0 | 16.4 | 3.4 |
|      | HT/VHT20, M16 to M23                | 4 | 13 | 10.5 | 7.4  | 6.5 | 7.6 | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | 12.6 | 9.3  |     |     | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | 12.6 | 9.3  |     |     | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | 8.4  | 5.1  | 4.1 |     | 11.0 | 13.4 | 2.4 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | 11.5 | 8.4  | 7.4 |     | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | 11.5 | 8.4  | 7.4 |     | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | 6.4  | 3.3  | 2.1 | 3.6 | 10.2 | 13.4 | 3.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | 9.3  | 6.0  | 5.0 | 6.5 | 13.0 | 16.4 | 3.4 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | 10.5 | 7.4  | 6.5 | 7.6 | 14.3 | 16.4 | 2.1 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | 12.6 | 9.3  |     |     | 14.3 | 16.4 | 2.1 |





|      |                                     |   |    |      |      |      |     |      |      |     |
|------|-------------------------------------|---|----|------|------|------|-----|------|------|-----|
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | 11.5 | 8.4  | 7.4  |     | 14.2 | 16.4 | 2.2 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | 9.3  | 6.0  | 5.0  | 6.5 | 13.0 | 16.4 | 3.4 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 13 | 14.5 |      |      |     | 14.5 | 17.0 | 2.5 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 13 | 13.7 | 13.2 |      |     | 16.5 | 17.0 | 0.5 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 13 | 12.4 | 9.3  | 7.8  |     | 15.0 | 17.0 | 2.0 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 13 | 10.3 | 7.1  | 5.6  | 7.7 | 14.0 | 17.0 | 3.0 |
|      | HT/VHT40, M0 to M7                  | 1 | 13 | 15.7 |      |      |     | 15.7 | 17.0 | 1.3 |
|      | HT/VHT40, M0 to M7                  | 2 | 13 | 13.4 | 13.0 |      |     | 16.2 | 17.0 | 0.8 |
|      | HT/VHT40, M8 to M15                 | 2 | 13 | 13.4 | 13.0 |      |     | 16.2 | 17.0 | 0.8 |
|      | HT/VHT40, M0 to M7                  | 3 | 13 | 11.2 | 8.1  | 6.6  |     | 13.8 | 17.0 | 3.2 |
|      | HT/VHT40, M8 to M15                 | 3 | 13 | 12.5 | 12.1 | 11.5 |     | 16.8 | 17.0 | 0.2 |
|      | HT/VHT40, M16 to M23                | 3 | 13 | 12.5 | 12.1 | 11.5 |     | 16.8 | 17.0 | 0.2 |
|      | HT/VHT40, M0 to M7                  | 4 | 13 | 8.9  | 5.7  | 4.2  | 6.3 | 12.6 | 17.0 | 4.4 |
|      | HT/VHT40, M8 to M15                 | 4 | 13 | 11.2 | 8.1  | 6.6  | 8.5 | 15.0 | 17.0 | 2.0 |
|      | HT/VHT40, M16 to M23                | 4 | 13 | 11.2 | 8.1  | 6.6  | 8.5 | 15.0 | 17.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 13 | 12.5 | 12.1 |      |     | 15.3 | 17.0 | 1.7 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 13 | 13.4 | 13.0 |      |     | 16.2 | 17.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 16 | 8.9  | 5.7  | 4.2  |     | 11.5 | 14.0 | 2.5 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 13 | 11.2 | 8.1  | 6.6  |     | 13.8 | 17.0 | 3.2 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 13 | 12.5 | 12.1 | 11.5 |     | 16.8 | 17.0 | 0.2 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 16 | 7.1  | 3.8  | 2.4  | 4.4 | 10.8 | 14.0 | 3.2 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 13 | 10.3 | 7.0  | 5.4  | 7.5 | 13.9 | 17.0 | 3.1 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 13 | 11.2 | 8.1  | 6.6  | 8.5 | 15.0 | 17.0 | 2.0 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 13 | 13.4 | 13.0 |      |     | 16.2 | 17.0 | 0.8 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | 12.5 | 12.1 | 11.5 |     | 16.8 | 17.0 | 0.2 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | 11.2 | 8.1  | 6.6  | 8.5 | 15.0 | 17.0 | 2.0 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 14.4 |      |      |     | 14.4 | 16.6 | 2.2 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 11.9 | 8.2  |      |     | 13.4 | 16.5 | 3.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | 7.8  | 3.9  | 2.8  |     | 10.2 | 16.6 | 6.4 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | 5.9  | 2.1  | 0.9  | 3.5 | 9.5  | 16.6 | 7.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 11.9 | 8.2  |      |     | 13.4 | 16.5 | 3.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | 7.8  | 3.9  | 2.8  |     | 10.2 | 13.6 | 3.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | 5.9  | 2.1  | 0.9  | 3.5 | 9.5  | 13.6 | 4.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 14.6 |      |      |     | 14.6 | 16.6 | 2.0 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 12.1 | 8.3  |      |     | 13.6 | 16.6 | 3.0 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 12.1 | 8.3  |      |     | 13.6 | 16.6 | 3.0 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | 8.0  | 4.1  | 3.0  |     | 10.4 | 16.6 | 6.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | 11.1 | 7.3  | 6.4  |     | 13.5 | 16.6 | 3.1 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | 12.1 | 8.3  | 7.4  |     | 14.5 | 16.6 | 2.1 |





|                                   |   |    |      |     |     |     |      |      |     |
|-----------------------------------|---|----|------|-----|-----|-----|------|------|-----|
| HT/VHT20, M0 to M7                | 4 | 13 | 6.0  | 2.3 | 1.1 | 3.7 | 9.7  | 16.6 | 6.9 |
| HT/VHT20, M8 to M15               | 4 | 13 | 8.9  | 5.0 | 4.0 | 6.6 | 12.6 | 16.6 | 4.0 |
| HT/VHT20, M16 to M23              | 4 | 13 | 10.1 | 6.4 | 5.5 | 7.7 | 13.8 | 16.6 | 2.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | 12.1 | 8.3 |     |     | 13.6 | 16.6 | 3.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | 12.1 | 8.3 |     |     | 13.6 | 16.6 | 3.0 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | 8.0  | 4.1 | 3.0 |     | 10.4 | 13.6 | 3.2 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | 11.1 | 7.3 | 6.4 |     | 13.5 | 16.6 | 3.1 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | 12.1 | 8.3 | 7.4 |     | 14.5 | 16.6 | 2.1 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | 6.0  | 2.3 | 1.1 | 3.7 | 9.7  | 13.6 | 3.9 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | 8.9  | 5.0 | 4.0 | 6.6 | 12.6 | 16.6 | 4.0 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | 10.1 | 6.4 | 5.5 | 7.7 | 13.8 | 16.6 | 2.8 |
| HT/VHT20 STBC, M0 to M7           | 2 | 13 | 12.1 | 8.3 |     |     | 13.6 | 16.6 | 3.0 |
| HT/VHT20 STBC, M0 to M7           | 3 | 13 | 11.1 | 7.3 | 6.4 |     | 13.5 | 16.6 | 3.1 |
| HT/VHT20 STBC, M0 to M7           | 4 | 13 | 8.9  | 5.0 | 4.0 | 6.6 | 12.6 | 16.6 | 4.0 |



| Frequency (MHz) | Mode                                       | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 PSD (dBm/MHz) | Tx 2 PSD (dBm/MHz) | Tx 3 PSD (dBm/MHz) | Tx 4 PSD (dBm/MHz) | Total PSD (dBm/MHz) | Limit (dBm/MHz) | Margin (dB) |
|-----------------|--------------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps                    | 1        | 13                            | -9.9               |                    |                    |                    | -9.9                | 4.0             | 13.9        |
|                 | Non HT160, 6 to 54 Mbps                    | 2        | 13                            | -19.9              | -20.0              |                    |                    | -16.9               | 4.0             | 20.9        |
|                 | Non HT160, 6 to 54 Mbps                    | 3        | 13                            | -19.9              | -20.0              | -18.6              |                    | -14.7               | 4.0             | 18.7        |
|                 | Non HT160, 6 to 54 Mbps                    | 4        | 13                            | -19.9              | -20.0              | -18.6              | -20.4              | -13.6               | 4.0             | 17.6        |
|                 | VHT160, M0 to M9 1ss                       | 1        | 13                            | -7.6               |                    |                    |                    | -7.6                | 4.0             | 11.6        |
|                 | VHT160, M0 to M9 1ss                       | 2        | 13                            | -9.0               | -10.8              |                    |                    | -6.8                | 4.0             | 10.8        |
|                 | VHT160, M0 to M9 2ss                       | 2        | 13                            | -9.0               | -10.8              |                    |                    | -6.8                | 4.0             | 10.8        |
|                 | VHT160, M0 to M9 1ss                       | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160, M0 to M9 2ss                       | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160, M0 to M9 3ss                       | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160, M0 to M9 1ss                       | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
|                 | VHT160, M0 to M9 2ss                       | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
|                 | VHT160, M0 to M9 3ss                       | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
|                 | VHT160 Beam Forming, M0 to M9 1ss          | 2        | 13                            | -9.0               | -10.8              |                    |                    | -6.8                | 4.0             | 10.8        |
|                 | VHT160 Beam Forming, M0 to M9 2ss          | 2        | 13                            | -9.0               | -10.8              |                    |                    | -6.8                | 4.0             | 10.8        |
|                 | VHT160 Beam Forming, M0 to M9 1ss          | 3        | 16                            | -12.1              | -14.1              | -13.9              |                    | -8.5                | 1.0             | 9.5         |
|                 | VHT160 Beam Forming, M0 to M9 2ss          | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160 Beam Forming, M0 to M9 3ss          | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160 Beam Forming, M0 to M9 1ss          | 4        | 16                            | -13.0              | -15.3              | -14.9              | -16.0              | -8.6                | 1.0             | 9.6         |
|                 | VHT160 Beam Forming, M0 to M9 2ss          | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
|                 | VHT160 Beam Forming, M0 to M9 3ss          | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
|                 | VHT160 STBC, M0 to M9 1ss                  | 2        | 13                            | -9.0               | -10.8              |                    |                    | -6.8                | 4.0             | 10.8        |
|                 | VHT160 STBC, M0 to M9 1ss                  | 3        | 13                            | -10.0              | -11.8              | -12.2              |                    | -6.5                | 4.0             | 10.5        |
|                 | VHT160 STBC, M0 to M9 1ss                  | 4        | 13                            | -11.3              | -13.5              | -12.8              | -13.9              | -6.7                | 4.0             | 10.7        |
| 5260            | Non HT20, 6 to 54 Mbps                     | 1        | 13                            | 3.1                |                    |                    |                    | 3.1                 | 4.0             | 0.9         |
|                 | Non HT20, 6 to 54 Mbps                     | 2        | 13                            | 0.9                | 0.1                |                    |                    | 3.5                 | 4.0             | 0.5         |
|                 | Non HT20, 6 to 54 Mbps                     | 3        | 13                            | -3.2               | -4.2               | -4.0               |                    | 1.0                 | 4.0             | 3.0         |
|                 | Non HT20, 6 to 54 Mbps                     | 4        | 13                            | -5.0               | -5.9               | -5.9               | -7.1               | 0.1                 | 4.0             | 3.9         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps        | 2        | 13                            | 0.9                | 0.1                |                    |                    | 3.5                 | 4.0             | 0.5         |
|                 | <b>Non HT20 Beam Forming, 6 to 54 Mbps</b> | <b>3</b> | <b>16</b>                     | <b>-3.2</b>        | <b>-4.2</b>        | <b>-4.0</b>        |                    | <b>1.0</b>          | <b>1.0</b>      | <b>0.0</b>  |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps        | 4        | 16                            | -5.0               | -5.9               | -5.9               | -7.1               | 0.1                 | 1.0             | 0.9         |
|                 | HT/VHT20, M0 to M7                         | 1        | 13                            | 4.0                |                    |                    |                    | 4.0                 | 4.0             | 0.0         |
|                 | HT/VHT20, M0 to M7                         | 2        | 13                            | 1.0                | 0.0                |                    |                    | 3.5                 | 4.0             | 0.5         |



|      |                                   |   |    |      |      |      |      |      |     |     |
|------|-----------------------------------|---|----|------|------|------|------|------|-----|-----|
|      | HT/VHT20, M8 to M15               | 2 | 13 | 1.0  | 0.0  |      |      | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20, M0 to M7                | 3 | 13 | -2.8 | -4.2 | -4.3 |      | 1.1  | 4.0 | 2.9 |
|      | HT/VHT20, M8 to M15               | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT20, M16 to M23              | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT20, M0 to M7                | 4 | 13 | -5.2 | -5.5 | -6.3 | -7.1 | 0.1  | 4.0 | 3.9 |
|      | HT/VHT20, M8 to M15               | 4 | 13 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9  | 4.0 | 1.1 |
|      | HT/VHT20, M16 to M23              | 4 | 13 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9  | 4.0 | 1.1 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | 1.0  | 0.0  |      |      | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | 1.0  | 0.0  |      |      | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | -4.4 | -5.0 | -5.3 |      | -0.1 | 1.0 | 1.1 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | -5.2 | -5.5 | -6.3 | -7.1 | 0.1  | 1.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9  | 4.0 | 1.1 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9  | 4.0 | 1.1 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 13 | 1.0  | 0.0  |      |      | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 13 | -0.9 | -1.7 | -2.1 |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 13 | -2.3 | -3.3 | -2.9 | -4.2 | 2.9  | 4.0 | 1.1 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 13 | 3.0  |      |      |      | 3.0  | 4.0 | 1.0 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 13 | 0.7  | 0.4  |      |      | 3.6  | 4.0 | 0.4 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 13 | -1.0 | -2.3 | -2.7 |      | 2.8  | 4.0 | 1.2 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 13 | -3.2 | -4.5 | -5.1 | -5.7 | 1.5  | 4.0 | 2.5 |
|      | HT/VHT40, M0 to M7                | 1 | 13 | 2.7  |      |      |      | 2.7  | 4.0 | 1.3 |
|      | HT/VHT40, M0 to M7                | 2 | 13 | -0.2 | -0.5 |      |      | 2.7  | 4.0 | 1.3 |
|      | HT/VHT40, M8 to M15               | 2 | 13 | -0.2 | -0.5 |      |      | 2.7  | 4.0 | 1.3 |
|      | HT/VHT40, M0 to M7                | 3 | 13 | -2.8 | -3.8 | -4.4 |      | 1.2  | 4.0 | 2.8 |
|      | HT/VHT40, M8 to M15               | 3 | 13 | -1.7 | -2.8 | -3.4 |      | 2.2  | 4.0 | 1.8 |
|      | HT/VHT40, M16 to M23              | 3 | 13 | -1.7 | -2.8 | -3.4 |      | 2.2  | 4.0 | 1.8 |
|      | HT/VHT40, M0 to M7                | 4 | 13 | -5.0 | -5.9 | -6.6 | -7.4 | -0.1 | 4.0 | 4.1 |
|      | HT/VHT40, M8 to M15               | 4 | 13 | -2.8 | -3.8 | -4.4 | -4.8 | 2.1  | 4.0 | 1.9 |
|      | HT/VHT40, M16 to M23              | 4 | 13 | -2.8 | -3.8 | -4.4 | -4.8 | 2.1  | 4.0 | 1.9 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 13 | -1.9 | -2.3 |      |      | 0.9  | 4.0 | 3.1 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 13 | -0.2 | -0.5 |      |      | 2.7  | 4.0 | 1.3 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 16 | -5.0 | -5.9 | -6.6 |      | -1.0 | 1.0 | 2.0 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 13 | -1.7 | -2.8 | -3.4 |      | 2.2  | 4.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 13 | -1.7 | -2.8 | -3.4 |      | 2.2  | 4.0 | 1.8 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 16 | -6.9 | -7.8 | -8.3 | -9.3 | -2.0 | 1.0 | 3.0 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 13 | -3.7 | -4.9 | -5.3 | -6.0 | 1.1  | 4.0 | 2.9 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 13 | -2.8 | -3.8 | -4.4 | -4.8 | 2.1  | 4.0 | 1.9 |
|      | HT/VHT40 STBC, M0 to M7           | 2 | 13 | -0.2 | -0.5 |      |      | 2.7  | 4.0 | 1.3 |



|      |                                     |   |    |      |      |      |       |      |     |     |
|------|-------------------------------------|---|----|------|------|------|-------|------|-----|-----|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | -1.7 | -2.8 | -3.4 |       | 2.2  | 4.0 | 1.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | -2.8 | -3.8 | -4.4 | -4.8  | 2.1  | 4.0 | 1.9 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 3.4  |      |      |       | 3.4  | 4.0 | 0.6 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 1.5  | -0.4 |      |       | 3.7  | 4.0 | 0.3 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -2.5 | -4.4 | -5.3 |       | 0.9  | 4.0 | 3.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -4.6 | -6.6 | -6.9 | -7.2  | -0.2 | 4.0 | 4.2 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 1.5  | -0.4 |      |       | 3.7  | 4.0 | 0.3 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -2.5 | -4.4 | -5.3 |       | 0.9  | 1.0 | 0.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -4.6 | -6.6 | -6.9 | -7.2  | -0.2 | 1.0 | 1.2 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 3.3  |      |      |       | 3.3  | 4.0 | 0.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 1.6  | -0.6 |      |       | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 1.6  | -0.6 |      |       | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -2.5 | -4.5 | -5.0 |       | 0.9  | 4.0 | 3.1 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -4.5 | -6.4 | -6.9 | -7.0  | -0.1 | 4.0 | 4.1 |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -1.7 | -3.8 | -4.1 | -4.4  | 2.7  | 4.0 | 1.3 |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -1.7 | -3.8 | -4.1 | -4.4  | 2.7  | 4.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | 1.6  | -0.6 |      |       | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | 1.6  | -0.6 |      |       | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -2.5 | -4.5 | -5.0 |       | 0.9  | 1.0 | 0.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -4.5 | -6.4 | -6.9 | -7.0  | -0.1 | 1.0 | 1.1 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -1.7 | -3.8 | -4.1 | -4.4  | 2.7  | 4.0 | 1.3 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -1.7 | -3.8 | -4.1 | -4.4  | 2.7  | 4.0 | 1.3 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | 1.6  | -0.6 |      |       | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | -0.4 | -2.4 | -2.7 |       | 3.1  | 4.0 | 0.9 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | -1.7 | -3.8 | -4.1 | -4.4  | 2.7  | 4.0 | 1.3 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 13 | -3.3 |      |      |       | -3.3 | 4.0 | 7.3 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 13 | -6.4 | -6.8 |      |       | -3.6 | 4.0 | 7.6 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 13 | -8.3 | -9.6 | -9.0 |       | -4.2 | 4.0 | 8.2 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 13 | -8.5 | -9.8 | -9.8 | -10.5 | -3.6 | 4.0 | 7.6 |
|      | VHT80, M0 to M9 1ss                 | 1 | 13 | -3.3 |      |      |       | -3.3 | 4.0 | 7.3 |
|      | VHT80, M0 to M9 1ss                 | 2 | 13 | -5.1 | -5.8 |      |       | -2.4 | 4.0 | 6.4 |
|      | VHT80, M0 to M9 2ss                 | 2 | 13 | -5.1 | -5.8 |      |       | -2.4 | 4.0 | 6.4 |
|      | VHT80, M0 to M9 1ss                 | 3 | 13 | -7.3 | -8.8 | -9.2 |       | -3.6 | 4.0 | 7.6 |
|      | VHT80, M0 to M9 2ss                 | 3 | 13 | -7.3 | -8.8 | -9.2 |       | -3.6 | 4.0 | 7.6 |
|      | VHT80, M0 to M9 3ss                 | 3 | 13 | -7.3 | -8.8 | -9.2 |       | -3.6 | 4.0 | 7.6 |



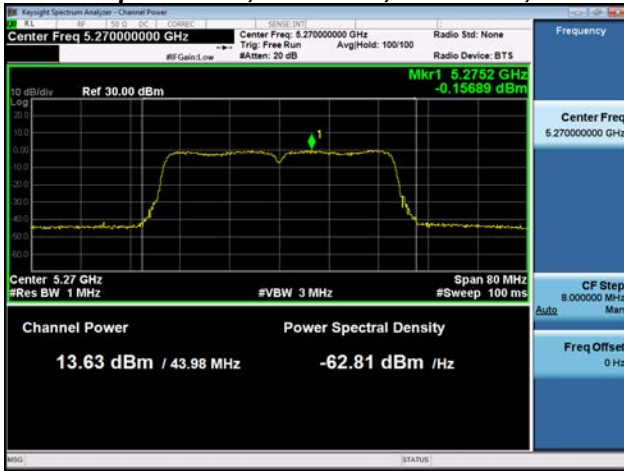
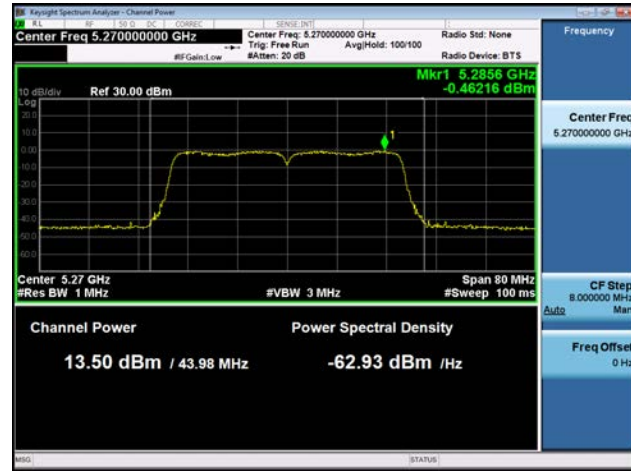
|      |                                     |   |    |       |       |       |       |      |     |     |
|------|-------------------------------------|---|----|-------|-------|-------|-------|------|-----|-----|
|      | VHT80, M0 to M9 1ss                 | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
|      | VHT80, M0 to M9 2ss                 | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
|      | VHT80, M0 to M9 3ss                 | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 2 | 13 | -5.1  | -5.8  |       |       | -2.4 | 4.0 | 6.4 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 2 | 13 | -5.1  | -5.8  |       |       | -2.4 | 4.0 | 6.4 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 3 | 16 | -9.3  | -10.9 | -11.1 |       | -5.6 | 1.0 | 6.6 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 3 | 13 | -7.3  | -8.8  | -9.2  |       | -3.6 | 4.0 | 7.6 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 3 | 13 | -7.3  | -8.8  | -9.2  |       | -3.6 | 4.0 | 7.6 |
|      | VHT80 Beam Forming, M0 to M9 1ss    | 4 | 16 | -10.6 | -11.8 | -11.9 | -13.0 | -5.7 | 1.0 | 6.7 |
|      | VHT80 Beam Forming, M0 to M9 2ss    | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
|      | VHT80 Beam Forming, M0 to M9 3ss    | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
|      | VHT80 STBC, M0 to M9 1ss            | 2 | 13 | -5.1  | -5.8  |       |       | -2.4 | 4.0 | 6.4 |
|      | VHT80 STBC, M0 to M9 1ss            | 3 | 13 | -7.3  | -8.8  | -9.2  |       | -3.6 | 4.0 | 7.6 |
|      | VHT80 STBC, M0 to M9 1ss            | 4 | 13 | -8.2  | -9.6  | -9.9  | -11.0 | -3.5 | 4.0 | 7.5 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 4.0   |       |       |       | 4.0  | 4.0 | 0.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 1.7   | -1.1  |       |       | 3.5  | 4.0 | 0.5 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -2.0  | -5.6  | -6.5  |       | 0.5  | 4.0 | 3.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -4.2  | -7.2  | -8.6  | -7.1  | -0.4 | 4.0 | 4.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 1.7   | -1.1  |       |       | 3.5  | 4.0 | 0.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -2.0  | -5.6  | -6.5  |       | 0.5  | 1.0 | 0.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -4.2  | -7.2  | -8.6  | -7.1  | -0.4 | 1.0 | 1.4 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 4.0   |       |       |       | 4.0  | 4.0 | 0.0 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 1.7   | -1.3  |       |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 1.7   | -1.3  |       |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -2.6  | -5.5  | -6.3  |       | 0.3  | 4.0 | 3.7 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | 0.7   | -2.2  | -3.2  |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | 0.7   | -2.2  | -3.2  |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -4.2  | -7.3  | -8.5  | -6.9  | -0.4 | 4.0 | 4.4 |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -1.5  | -4.6  | -5.6  | -4.3  | 2.3  | 4.0 | 1.7 |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -0.3  | -3.2  | -4.2  | -3.3  | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | 1.7   | -1.3  |       |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | 1.7   | -1.3  |       |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -2.6  | -5.5  | -6.3  |       | 0.3  | 1.0 | 0.7 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | 0.7   | -2.2  | -3.2  |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | 0.7   | -2.2  | -3.2  |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -4.2  | -7.3  | -8.5  | -6.9  | -0.4 | 1.0 | 1.4 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -1.5  | -4.6  | -5.6  | -4.3  | 2.3  | 4.0 | 1.7 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -0.3  | -3.2  | -4.2  | -3.3  | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | 1.7   | -1.3  |       |       | 3.5  | 4.0 | 0.5 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | 0.7   | -2.2  | -3.2  |       | 3.5  | 4.0 | 0.5 |



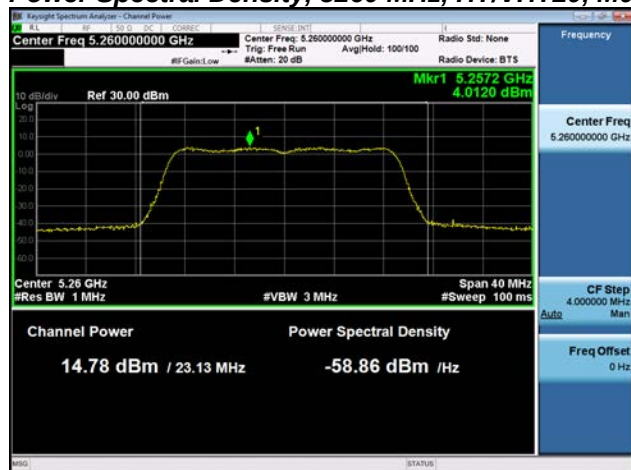
|      |                                     |   |    |      |      |       |      |      |     |     |
|------|-------------------------------------|---|----|------|------|-------|------|------|-----|-----|
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | -1.5 | -4.6 | -5.6  | -4.3 | 2.3  | 4.0 | 1.7 |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 13 | 1.1  |      |       |      | 1.1  | 4.0 | 2.9 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 13 | 0.3  | -0.3 |       |      | 3.0  | 4.0 | 1.0 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 13 | -1.1 | -3.8 | -4.8  |      | 1.8  | 4.0 | 2.2 |
|      | Non HT40, 6 to 54 Mbps              | 4 | 13 | -3.1 | -5.9 | -7.2  | -5.9 | 0.8  | 4.0 | 3.2 |
|      | HT/VHT40, M0 to M7                  | 1 | 13 | 1.7  |      |       |      | 1.7  | 4.0 | 2.3 |
|      | HT/VHT40, M0 to M7                  | 2 | 13 | -0.3 | -0.7 |       |      | 2.5  | 4.0 | 1.5 |
|      | HT/VHT40, M8 to M15                 | 2 | 13 | -0.3 | -0.7 |       |      | 2.5  | 4.0 | 1.5 |
|      | HT/VHT40, M0 to M7                  | 3 | 13 | -2.4 | -5.3 | -6.3  |      | 0.4  | 4.0 | 3.6 |
|      | HT/VHT40, M8 to M15                 | 3 | 13 | -1.2 | -1.5 | -2.0  |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT40, M16 to M23                | 3 | 13 | -1.2 | -1.5 | -2.0  |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT40, M0 to M7                  | 4 | 13 | -4.8 | -7.5 | -9.0  | -7.5 | -0.9 | 4.0 | 4.9 |
|      | HT/VHT40, M8 to M15                 | 4 | 13 | -2.4 | -5.3 | -6.3  | -5.3 | 1.5  | 4.0 | 2.5 |
|      | HT/VHT40, M16 to M23                | 4 | 13 | -2.4 | -5.3 | -6.3  | -5.3 | 1.5  | 4.0 | 2.5 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 13 | -1.2 | -1.5 |       |      | 1.7  | 4.0 | 2.3 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 13 | -0.3 | -0.7 |       |      | 2.5  | 4.0 | 1.5 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 16 | -4.8 | -7.5 | -9.0  |      | -2.0 | 1.0 | 3.0 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 13 | -2.4 | -5.3 | -6.3  |      | 0.4  | 4.0 | 3.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 13 | -1.2 | -1.5 | -2.0  |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 16 | -6.8 | -9.4 | -10.7 | -9.0 | -2.7 | 1.0 | 3.7 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 13 | -3.5 | -6.1 | -7.8  | -6.3 | 0.4  | 4.0 | 3.6 |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 13 | -2.4 | -5.3 | -6.3  | -5.3 | 1.5  | 4.0 | 2.5 |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 13 | -0.3 | -0.7 |       |      | 2.5  | 4.0 | 1.5 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | -1.2 | -1.5 | -2.0  |      | 3.2  | 4.0 | 0.8 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | -2.4 | -5.3 | -6.3  | -5.3 | 1.5  | 4.0 | 2.5 |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 13 | 4.0  |      |       |      | 4.0  | 4.0 | 0.0 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | 1.4  | -2.3 |       |      | 2.9  | 4.0 | 1.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -2.3 | -6.6 | -7.5  |      | -0.1 | 4.0 | 4.1 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -4.7 | -8.5 | -9.6  | -7.1 | -1.1 | 4.0 | 5.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | 1.4  | -2.3 |       |      | 2.9  | 4.0 | 1.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -2.3 | -6.6 | -7.5  |      | -0.1 | 1.0 | 1.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -4.7 | -8.5 | -9.6  | -7.1 | -1.1 | 1.0 | 2.1 |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | 3.6  |      |       |      | 3.6  | 4.0 | 0.4 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | 1.5  | -2.5 |       |      | 3.0  | 4.0 | 1.0 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | 1.5  | -2.5 |       |      | 3.0  | 4.0 | 1.0 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -2.9 | -6.3 | -7.4  |      | -0.3 | 4.0 | 4.3 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | 0.4  | -3.4 | -4.2  |      | 2.9  | 4.0 | 1.1 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | 1.5  | -2.5 | -3.0  |      | 3.9  | 4.0 | 0.1 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -4.8 | -8.6 | -9.5  | -7.2 | -1.1 | 4.0 | 5.1 |



|                                   |   |    |      |      |      |      |      |     |     |
|-----------------------------------|---|----|------|------|------|------|------|-----|-----|
| HT/VHT20, M8 to M15               | 4 | 13 | -1.7 | -5.9 | -6.8 | -4.4 | 1.8  | 4.0 | 2.2 |
| HT/VHT20, M16 to M23              | 4 | 13 | -0.3 | -4.3 | -5.2 | -3.0 | 3.2  | 4.0 | 0.8 |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | 1.5  | -2.5 |      |      | 3.0  | 4.0 | 1.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | 1.5  | -2.5 |      |      | 3.0  | 4.0 | 1.0 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | -2.9 | -6.3 | -7.4 |      | -0.3 | 1.0 | 1.3 |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | 0.4  | -3.4 | -4.2 |      | 2.9  | 4.0 | 1.1 |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | 1.5  | -2.5 | -3.0 |      | 3.9  | 4.0 | 0.1 |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | -4.8 | -8.6 | -9.5 | -7.2 | -1.1 | 1.0 | 2.1 |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | -1.7 | -5.9 | -6.8 | -4.4 | 1.8  | 4.0 | 2.2 |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | -0.3 | -4.3 | -5.2 | -3.0 | 3.2  | 4.0 | 0.8 |
| HT/VHT20 STBC, M0 to M7           | 2 | 13 | 1.5  | -2.5 |      |      | 3.0  | 4.0 | 1.0 |
| HT/VHT20 STBC, M0 to M7           | 3 | 13 | 0.4  | -3.4 | -4.2 |      | 2.9  | 4.0 | 1.1 |
| HT/VHT20 STBC, M0 to M7           | 4 | 13 | -1.7 | -5.9 | -6.8 | -4.4 | 1.8  | 4.0 | 2.2 |

**Peak Output Power, 5270 MHz, HT/VHT40, M0 to M7****Antenna A****Antenna B**



**Power Spectral Density, 5260 MHz, HT/VHT20, M0 to M7****Antenna A**



## A.3 Conducted Spurious Emissions

**15.407 (b) Undesirable emission limits.** Except as shown in paragraph (b) (7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.
- (7) The provisions of §15.205 apply to intentional radiators operating under this section.

Use formula below to substitute conducted measurements in place of radiated measurements

$$E[\text{dB}\mu\text{V/m}] = \text{EIRP}[\text{dBm}] - 20 \log(d[\text{meters}]) + 104.77, \text{ where } E = \text{field strength and } d = 3 \text{ meter}$$

- 1) Average Plot, Limit= -41.25 dBm eirp
- 2) Peak plot, Limit = -21.25 dBm eirp

### Test Procedure

**Ref.** KDB 789033 D02 General UNII Test Procedures New Rules v01r01  
ANSI C63.10: 2013

| <b>Conducted Spurious Emissions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Test Procedure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 1. Connect the antenna port(s) to the spectrum analyzer input.<br>2. Place the radio in continuous transmit mode. Use the procedures in KDB 789033 D02 General UNII Test Procedures New Rules v01r01 to substitute conducted measurements in place of radiated measurements.<br>3. Configure Spectrum analyzer as per test parameters below (be sure to enter all losses between the transmitter output and the spectrum analyzer).<br>4. Record the marker waveform peak to spur difference. Also measure any emissions in the restricted bands.<br>5. The "measure-and-sum technique" is used for measuring in-band transmit power of a device. In the measure-and-sum approach, the conducted emission level is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in linear power units. The worst case output is recorded.<br>6. Capture graphs and record pertinent measurement data. |  |

**Ref.** KDB 789033 D02 General UNII Test Procedures New Rules v01r01  
ANSI C63.10: 2013 section 12.7.7.3 (average) & 12.7.6 (peak)

| <b>Conducted Spurious Emissions</b>                                                                                                                              |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Test parameters                                                                                                                                                  |  |
| Span = 30MHz to 18GHz / 18GHz to 40GHz<br>RBW = 1 MHz<br>VBW ≥ 3 x RBW for Peak, 1kHz for Average<br>Sweep = Auto couple<br>Detector = Peak<br>Trace = Max Hold. |  |

| System Number | Description | Samples | System under test                   | Support equipment                   |
|---------------|-------------|---------|-------------------------------------|-------------------------------------|
| 1             | EUT         | S01     | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
|               | Support     | S02     | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

|                                    |                                                  |
|------------------------------------|--------------------------------------------------|
| <b>Tested By :</b><br>Jose Aguirre | <b>Date of testing:</b><br>01-Jan-16 - 03-Mar-16 |
| <b>Test Result : PASS</b>          |                                                  |

See Appendix C for list of test equipment



**Conducted Spurious Emission results below represent the worse case for all antenna gain**

| Frequency (MHz) | Mode                                     | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Tx 3 Spur Power (dBm) | Tx 4 Spur Power (dBm) | Total Conducted Spur (dBm) | Limit (dBm)   | Margin (dB) |
|-----------------|------------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|---------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps                  | 1        | 13                            | -67.9                 |                       |                       |                       | -54.9                      | -41.25        | 13.7        |
|                 | Non HT160, 6 to 54 Mbps                  | 2        | 13                            | -67.9                 | -67.8                 |                       |                       | -51.8                      | -41.25        | 10.6        |
|                 | Non HT160, 6 to 54 Mbps                  | 3        | 13                            | -67.9                 | -67.8                 | -67.8                 |                       | -50.1                      | -41.25        | 8.8         |
|                 | Non HT160, 6 to 54 Mbps                  | 4        | 13                            | -67.9                 | -67.8                 | -67.8                 | -67.7                 | -48.8                      | -41.25        | 7.5         |
|                 | VHT160, M0.1 to M9.1                     | 1        | 13                            | -67.6                 |                       |                       |                       | -54.6                      | -41.25        | 13.4        |
|                 | VHT160, M0.1 to M9.1                     | 2        | 13                            | -67.6                 | -67.8                 |                       |                       | -51.7                      | -41.25        | 10.4        |
|                 | VHT160, M0.2 to M9.2                     | 2        | 13                            | -67.6                 | -67.8                 |                       |                       | -51.7                      | -41.25        | 10.4        |
|                 | VHT160, M0.1 to M9.1                     | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | VHT160, M0.2 to M9.2                     | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | VHT160, M0.3 to M9.3                     | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | VHT160, M0.1 to M9.1                     | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
|                 | VHT160, M0.2 to M9.2                     | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
|                 | VHT160, M0.3 to M9.3                     | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
|                 | VHT160 Beam Forming, M0.1 to M9.1        | 2        | 13                            | -67.6                 | -67.8                 |                       |                       | -51.7                      | -41.25        | 10.4        |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 2        | 13                            | -67.6                 | -67.8                 |                       |                       | -51.7                      | -41.25        | 10.4        |
|                 | VHT160 Beam Forming, M0.1 to M9.1        | 3        | 16                            | -67.6                 | -67.8                 | -67.8                 |                       | -47.0                      | -41.25        | 5.7         |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | VHT160 Beam Forming, M0.3 to M9.3        | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | <b>VHT160 Beam Forming, M0.1 to M9.1</b> | <b>4</b> | <b>16</b>                     | <b>-67.6</b>          | <b>-67.8</b>          | <b>-67.8</b>          | <b>-66.9</b>          | <b>-45.5</b>               | <b>-41.25</b> | <b>4.2</b>  |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
|                 | VHT160 Beam Forming, M0.3 to M9.3        | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
|                 | VHT160 STBC, M0.1 to M9.1                | 2        | 13                            | -67.6                 | -67.8                 |                       |                       | -51.7                      | -41.25        | 10.4        |
|                 | VHT160 STBC, M0.1 to M9.1                | 3        | 13                            | -67.6                 | -67.8                 | -67.8                 |                       | -50.0                      | -41.25        | 8.7         |
|                 | VHT160 STBC, M0.1 to M9.1                | 4        | 13                            | -67.6                 | -67.8                 | -67.8                 | -66.9                 | -48.5                      | -41.25        | 7.2         |
| 5260            | Non HT20, 6 to 54 Mbps                   | 1        | 13                            | -69.0                 |                       |                       |                       | -56.0                      | -41.25        | 14.8        |
|                 | Non HT20, 6 to 54 Mbps                   | 2        | 13                            | -69.0                 | -69.0                 |                       |                       | -53.0                      | -41.25        | 11.7        |
|                 | Non HT20, 6 to 54 Mbps                   | 3        | 13                            | -69.0                 | -69.0                 | -69.1                 |                       | -51.3                      | -41.25        | 10.0        |
|                 | Non HT20, 6 to 54 Mbps                   | 4        | 13                            | -69.0                 | -69.0                 | -69.1                 | -69.1                 | -50.0                      | -41.25        | 8.8         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 2        | 13                            | -69.0                 | -69.0                 |                       |                       | -53.0                      | -41.25        | 11.7        |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 3        | 16                            | -69.0                 | -69.0                 | -69.1                 |                       | -48.3                      | -41.25        | 7.0         |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 4        | 16                            | -69.0                 | -69.0                 | -69.1                 | -69.1                 | -47.0                      | -41.25        | 5.8         |



|      |                                   |   |    |       |       |       |       |       |        |      |
|------|-----------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | HT/VHT20, M0 to M7                | 1 | 13 | -69.0 |       |       |       | -56.0 | -41.25 | 14.8 |
|      | HT/VHT20, M0 to M7                | 2 | 13 | -69.0 | -68.9 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20, M8 to M15               | 2 | 13 | -69.0 | -68.9 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20, M0 to M7                | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20, M8 to M15               | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20, M16 to M23              | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20, M0 to M7                | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT20, M8 to M15               | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT20, M16 to M23              | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | -69.0 | -68.9 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | -69.0 | -68.9 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | -69.0 | -68.9 | -69.1 |       | -48.2 | -41.25 | 7.0  |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | -69.0 | -68.9 | -69.1 | -69.1 | -47.0 | -41.25 | 5.8  |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 13 | -69.0 | -68.9 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 13 | -69.0 | -68.9 | -69.1 |       | -51.2 | -41.25 | 10.0 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 13 | -69.0 | -68.9 | -69.1 | -69.1 | -50.0 | -41.25 | 8.8  |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 13 | -69.1 |       |       |       | -56.1 | -41.25 | 14.9 |
|      | Non HT40, 6 to 54 Mbps            | 2 | 13 | -69.1 | -69.0 |       |       | -53.0 | -41.25 | 11.8 |
|      | Non HT40, 6 to 54 Mbps            | 3 | 13 | -69.1 | -69.0 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | Non HT40, 6 to 54 Mbps            | 4 | 13 | -69.1 | -69.0 | -69.0 | -69.0 | -50.0 | -41.25 | 8.8  |
|      | HT/VHT40, M0 to M7                | 1 | 13 | -69.1 |       |       |       | -56.1 | -41.25 | 14.9 |
|      | HT/VHT40, M0 to M7                | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | HT/VHT40, M8 to M15               | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | HT/VHT40, M0 to M7                | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40, M8 to M15               | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40, M16 to M23              | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40, M0 to M7                | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | HT/VHT40, M8 to M15               | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | HT/VHT40, M16 to M23              | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 16 | -69.1 | -69.1 | -69.0 |       | -48.3 | -41.25 | 7.0  |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 16 | -69.1 | -69.1 | -69.0 | -69.1 | -47.1 | -41.25 | 5.8  |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |



|      |                                     |   |    |       |       |       |       |       |        |      |
|------|-------------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | -69.1 | -69.1 | -69.0 |       | -51.3 | -41.25 | 10.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | -69.1 | -69.1 | -69.0 | -69.1 | -50.1 | -41.25 | 8.8  |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 13 | -69.0 |       |       |       | -56.0 | -41.25 | 14.8 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | -69.0 | -66.7 |       |       | -51.7 | -41.25 | 10.4 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -69.0 | -66.7 | -69.0 |       | -50.3 | -41.25 | 9.1  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -69.0 | -66.7 | -69.0 | -68.9 | -49.3 | -41.25 | 8.0  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -69.0 | -66.7 |       |       | -51.7 | -41.25 | 10.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -69.0 | -66.7 | -69.0 |       | -47.3 | -41.25 | 6.1  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -69.0 | -66.7 | -69.0 | -68.9 | -46.3 | -41.25 | 5.0  |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | -68.9 |       |       |       | -55.9 | -41.25 | 14.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | -68.9 | -69.0 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | -68.9 | -69.0 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20, M16 to M23                | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | -68.9 | -69.0 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | -68.9 | -69.0 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -68.9 | -69.0 | -68.9 |       | -48.2 | -41.25 | 6.9  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -68.9 | -69.0 | -68.9 | -69.0 | -46.9 | -41.25 | 5.7  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | -68.9 | -69.0 |       |       | -52.9 | -41.25 | 11.7 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | -68.9 | -69.0 | -68.9 |       | -51.2 | -41.25 | 9.9  |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | -68.9 | -69.0 | -68.9 | -69.0 | -49.9 | -41.25 | 8.7  |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 13 | -69.0 |       |       |       | -56.0 | -41.25 | 14.8 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 13 | -69.0 | -69.0 |       |       | -53.0 | -41.25 | 11.7 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 13 | -69.0 | -69.0 | -69.0 |       | -51.2 | -41.25 | 10.0 |
|      | Non HT80, 6 to 54 Mbps              | 4 | 13 | -69.0 | -69.0 | -69.0 | -69.1 | -50.0 | -41.25 | 8.8  |
|      | VHT80, M0.1 to M9.1                 | 1 | 13 | -69.1 |       |       |       | -56.1 | -41.25 | 14.9 |
|      | VHT80, M0.1 to M9.1                 | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | VHT80, M0.2 to M9.2                 | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | VHT80, M0.1 to M9.1                 | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |



|      |                                     |   |    |       |       |       |       |       |        |      |
|------|-------------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | VHT80, M0.2 to M9.2                 | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |
|      | VHT80, M0.3 to M9.3                 | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |
|      | VHT80, M0.1 to M9.1                 | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | VHT80, M0.2 to M9.2                 | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | VHT80, M0.3 to M9.3                 | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 3 | 16 | -69.1 | -69.1 | -69.1 |       | -48.3 | -41.25 | 7.1  |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |
|      | VHT80 Beam Forming, M0.3 to M9.3    | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 4 | 16 | -69.1 | -69.1 | -69.1 | -69.1 | -47.1 | -41.25 | 5.8  |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | VHT80 Beam Forming, M0.3 to M9.3    | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
|      | VHT80 STBC, M0.1 to M9.1            | 2 | 13 | -69.1 | -69.1 |       |       | -53.1 | -41.25 | 11.8 |
|      | VHT80 STBC, M0.1 to M9.1            | 3 | 13 | -69.1 | -69.1 | -69.1 |       | -51.3 | -41.25 | 10.1 |
|      | VHT80 STBC, M0.1 to M9.1            | 4 | 13 | -69.1 | -69.1 | -69.1 | -69.1 | -50.1 | -41.25 | 8.8  |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 13 | -68.7 |       |       |       | -55.7 | -41.25 | 14.5 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | -68.7 | -68.8 |       |       | -52.7 | -41.25 | 11.5 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -68.7 | -68.8 | -68.8 |       | -51.0 | -41.25 | 9.7  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -68.7 | -68.8 | -68.8 | -68.8 | -49.8 | -41.25 | 8.5  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -68.7 | -68.8 |       |       | -52.7 | -41.25 | 11.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -68.7 | -68.8 | -68.8 |       | -48.0 | -41.25 | 6.7  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -68.7 | -68.8 | -68.8 | -68.8 | -46.8 | -41.25 | 5.5  |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | -68.9 |       |       |       | -55.9 | -41.25 | 14.7 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | -68.9 | -68.8 |       |       | -52.8 | -41.25 | 11.6 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | -68.9 | -68.8 |       |       | -52.8 | -41.25 | 11.6 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20, M16 to M23                | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | -68.9 | -68.8 |       |       | -52.8 | -41.25 | 11.6 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | -68.9 | -68.8 |       |       | -52.8 | -41.25 | 11.6 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -68.9 | -68.8 | -66.8 |       | -47.3 | -41.25 | 6.0  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -68.9 | -68.8 | -66.8 | -68.4 | -46.1 | -41.25 | 4.9  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |



|      |                                     |   |    |       |       |       |       |       |        |      |
|------|-------------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | -68.9 | -68.8 |       |       | -52.8 | -41.25 | 11.6 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | -68.9 | -68.8 | -66.8 |       | -50.3 | -41.25 | 9.0  |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | -68.9 | -68.8 | -66.8 | -68.4 | -49.1 | -41.25 | 7.9  |
| 5310 | Non HT40, 6 to 54 Mbps              | 1 | 13 | -68.9 |       |       |       | -55.9 | -41.25 | 14.7 |
|      | Non HT40, 6 to 54 Mbps              | 2 | 13 | -68.9 | -66.7 |       |       | -51.7 | -41.25 | 10.4 |
|      | Non HT40, 6 to 54 Mbps              | 3 | 13 | -68.9 | -66.7 | -68.7 |       | -50.2 | -41.25 | 9.0  |
|      | Non HT40, 6 to 54 Mbps              | 4 | 13 | -68.9 | -66.7 | -68.7 | -66.8 | -48.6 | -41.25 | 7.4  |
|      | HT/VHT40, M0 to M7                  | 1 | 13 | -66.8 |       |       |       | -53.8 | -41.25 | 12.6 |
|      | HT/VHT40, M0 to M7                  | 2 | 13 | -66.8 | -68.9 |       |       | -51.7 | -41.25 | 10.5 |
|      | HT/VHT40, M8 to M15                 | 2 | 13 | -66.8 | -68.9 |       |       | -51.7 | -41.25 | 10.5 |
|      | HT/VHT40, M0 to M7                  | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40, M8 to M15                 | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40, M16 to M23                | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40, M0 to M7                  | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
|      | HT/VHT40, M8 to M15                 | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
|      | HT/VHT40, M16 to M23                | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
|      | HT/VHT40 Beam Forming, M0 to M7     | 2 | 13 | -66.8 | -68.9 |       |       | -51.7 | -41.25 | 10.5 |
|      | HT/VHT40 Beam Forming, M8 to M15    | 2 | 13 | -66.8 | -68.9 |       |       | -51.7 | -41.25 | 10.5 |
|      | HT/VHT40 Beam Forming, M0 to M7     | 3 | 16 | -66.8 | -68.9 | -68.9 |       | -47.3 | -41.25 | 6.1  |
|      | HT/VHT40 Beam Forming, M8 to M15    | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40 Beam Forming, M16 to M23   | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40 Beam Forming, M0 to M7     | 4 | 16 | -66.8 | -68.9 | -68.9 | -68.7 | -46.2 | -41.25 | 5.0  |
|      | HT/VHT40 Beam Forming, M8 to M15    | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
|      | HT/VHT40 Beam Forming, M16 to M23   | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
|      | HT/VHT40 STBC, M0 to M7             | 2 | 13 | -66.8 | -68.9 |       |       | -51.7 | -41.25 | 10.5 |
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | -66.8 | -68.9 | -68.9 |       | -50.3 | -41.25 | 9.1  |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | -66.8 | -68.9 | -68.9 | -68.7 | -49.2 | -41.25 | 8.0  |
| 5320 | Non HT20, 6 to 54 Mbps              | 1 | 13 | -68.3 |       |       |       | -55.3 | -41.25 | 14.1 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | -68.3 | -68.4 |       |       | -52.3 | -41.25 | 11.1 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -68.3 | -68.4 | -68.2 |       | -50.5 | -41.25 | 9.3  |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -68.3 | -68.4 | -68.2 | -68.3 | -49.3 | -41.25 | 8.0  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -68.3 | -68.4 |       |       | -52.3 | -41.25 | 11.1 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -68.3 | -68.4 | -68.2 |       | -47.5 | -41.25 | 6.3  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -68.3 | -68.4 | -68.2 | -68.3 | -46.3 | -41.25 | 5.0  |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | -68.4 |       |       |       | -55.4 | -41.25 | 14.2 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | -68.4 | -68.1 |       |       | -52.2 | -41.25 | 11.0 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | -68.4 | -68.1 |       |       | -52.2 | -41.25 | 11.0 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |



|                                   |   |    |       |       |       |       |       |        |      |
|-----------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
| HT/VHT20, M16 to M23              | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |
| HT/VHT20, M0 to M7                | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |
| HT/VHT20, M8 to M15               | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |
| HT/VHT20, M16 to M23              | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |
| HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | -68.4 | -68.1 |       |       | -52.2 | -41.25 | 11.0 |
| HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | -68.4 | -68.1 |       |       | -52.2 | -41.25 | 11.0 |
| HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | -68.4 | -68.1 | -68.2 |       | -47.5 | -41.25 | 6.2  |
| HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |
| HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |
| HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | -68.4 | -68.1 | -68.2 | -68.4 | -46.3 | -41.25 | 5.0  |
| HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |
| HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |
| HT/VHT20 STBC, M0 to M7           | 2 | 13 | -68.4 | -68.1 |       |       | -52.2 | -41.25 | 11.0 |
| HT/VHT20 STBC, M0 to M7           | 3 | 13 | -68.4 | -68.1 | -68.2 |       | -50.5 | -41.25 | 9.2  |
| HT/VHT20 STBC, M0 to M7           | 4 | 13 | -68.4 | -68.1 | -68.2 | -68.4 | -49.3 | -41.25 | 8.0  |





| Frequency (MHz) | Mode                                     | Tx Paths | Correlated Antenna Gain (dBi) | Tx 1 Spur Power (dBm) | Tx 2 Spur Power (dBm) | Tx 3 Spur Power (dBm) | Tx 4 Spur Power (dBm) | Total Conducted Spur (dBm) | Limit (dBm)   | Margin (dB) |
|-----------------|------------------------------------------|----------|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------------|---------------|-------------|
| 5250            | Non HT160, 6 to 54 Mbps                  | 1        | 13                            | -58.4                 |                       |                       |                       | -45.4                      | -21.25        | 24.2        |
|                 | Non HT160, 6 to 54 Mbps                  | 2        | 13                            | -58.4                 | -60.2                 |                       |                       | -43.2                      | -21.25        | 21.9        |
|                 | Non HT160, 6 to 54 Mbps                  | 3        | 13                            | -58.4                 | -60.2                 | -46.4                 |                       | -33.0                      | -21.25        | 11.7        |
|                 | Non HT160, 6 to 54 Mbps                  | 4        | 13                            | -58.4                 | -60.2                 | -46.4                 | -45.6                 | -29.8                      | -21.25        | 8.5         |
|                 | VHT160, M0.1 to M9.1                     | 1        | 13                            | -59.0                 |                       |                       |                       | -46.0                      | -21.25        | 24.8        |
|                 | VHT160, M0.1 to M9.1                     | 2        | 13                            | -59.0                 | -59.1                 |                       |                       | -43.0                      | -21.25        | 21.8        |
|                 | VHT160, M0.2 to M9.2                     | 2        | 13                            | -59.0                 | -59.1                 |                       |                       | -43.0                      | -21.25        | 21.8        |
|                 | VHT160, M0.1 to M9.1                     | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160, M0.2 to M9.2                     | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160, M0.3 to M9.3                     | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160, M0.1 to M9.1                     | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
|                 | VHT160, M0.2 to M9.2                     | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
|                 | VHT160, M0.3 to M9.3                     | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
|                 | VHT160 Beam Forming, M0.1 to M9.1        | 2        | 13                            | -59.0                 | -59.1                 |                       |                       | -43.0                      | -21.25        | 21.8        |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 2        | 13                            | -59.0                 | -59.1                 |                       |                       | -43.0                      | -21.25        | 21.8        |
|                 | <b>VHT160 Beam Forming, M0.1 to M9.1</b> | <b>3</b> | <b>16</b>                     | <b>-59.0</b>          | <b>-59.1</b>          | <b>-41.2</b>          |                       | <b>-25.1</b>               | <b>-21.25</b> | <b>3.8</b>  |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160 Beam Forming, M0.3 to M9.3        | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160 Beam Forming, M0.1 to M9.1        | 4        | 16                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -25.0                      | -21.25        | 3.8         |
|                 | VHT160 Beam Forming, M0.2 to M9.2        | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
|                 | VHT160 Beam Forming, M0.3 to M9.3        | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
|                 | VHT160 STBC, M0.1 to M9.1                | 2        | 13                            | -59.0                 | -59.1                 |                       |                       | -43.0                      | -21.25        | 21.8        |
|                 | VHT160 STBC, M0.1 to M9.1                | 3        | 13                            | -59.0                 | -59.1                 | -41.2                 |                       | -28.1                      | -21.25        | 6.8         |
|                 | VHT160 STBC, M0.1 to M9.1                | 4        | 13                            | -59.0                 | -59.1                 | -41.2                 | -59.8                 | -28.0                      | -21.25        | 6.8         |
| 5260            | Non HT20, 6 to 54 Mbps                   | 1        | 13                            | -62.1                 |                       |                       |                       | -49.1                      | -21.25        | 27.9        |
|                 | Non HT20, 6 to 54 Mbps                   | 2        | 13                            | -62.1                 | -51.3                 |                       |                       | -38.0                      | -21.25        | 16.7        |
|                 | Non HT20, 6 to 54 Mbps                   | 3        | 13                            | -62.1                 | -51.3                 | -50.2                 |                       | -34.5                      | -21.25        | 13.3        |
|                 | Non HT20, 6 to 54 Mbps                   | 4        | 13                            | -62.1                 | -51.3                 | -50.2                 | -48.7                 | -32.1                      | -21.25        | 10.8        |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 2        | 13                            | -62.1                 | -51.3                 |                       |                       | -38.0                      | -21.25        | 16.7        |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 3        | 16                            | -62.1                 | -51.3                 | -50.2                 |                       | -31.5                      | -21.25        | 10.3        |
|                 | Non HT20 Beam Forming, 6 to 54 Mbps      | 4        | 16                            | -62.1                 | -51.3                 | -50.2                 | -48.7                 | -29.1                      | -21.25        | 7.8         |
|                 | HT/VHT20, M0 to M7                       | 1        | 13                            | -61.4                 |                       |                       |                       | -48.4                      | -21.25        | 27.2        |
|                 | HT/VHT20, M0 to M7                       | 2        | 13                            | -61.4                 | -59.9                 |                       |                       | -44.6                      | -21.25        | 23.3        |



|      |                                   |   |    |       |       |       |       |       |        |      |
|------|-----------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | HT/VHT20, M8 to M15               | 2 | 13 | -61.4 | -59.9 |       |       | -44.6 | -21.25 | 23.3 |
|      | HT/VHT20, M0 to M7                | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20, M8 to M15               | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20, M16 to M23              | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20, M0 to M7                | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
|      | HT/VHT20, M8 to M15               | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
|      | HT/VHT20, M16 to M23              | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 2 | 13 | -61.4 | -59.9 |       |       | -44.6 | -21.25 | 23.3 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 2 | 13 | -61.4 | -59.9 |       |       | -44.6 | -21.25 | 23.3 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 3 | 16 | -61.4 | -59.9 | -51.9 |       | -34.9 | -21.25 | 13.6 |
|      | HT/VHT20 Beam Forming, M8 to M15  | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20 Beam Forming, M0 to M7   | 4 | 16 | -61.4 | -59.9 | -51.9 | -49.4 | -31.1 | -21.25 | 9.8  |
|      | HT/VHT20 Beam Forming, M8 to M15  | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
|      | HT/VHT20 Beam Forming, M16 to M23 | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
|      | HT/VHT20 STBC, M0 to M7           | 2 | 13 | -61.4 | -59.9 |       |       | -44.6 | -21.25 | 23.3 |
|      | HT/VHT20 STBC, M0 to M7           | 3 | 13 | -61.4 | -59.9 | -51.9 |       | -37.9 | -21.25 | 16.6 |
|      | HT/VHT20 STBC, M0 to M7           | 4 | 13 | -61.4 | -59.9 | -51.9 | -49.4 | -34.1 | -21.25 | 12.8 |
| 5270 | Non HT40, 6 to 54 Mbps            | 1 | 13 | -44.0 |       |       |       | -31.0 | -21.25 | 9.8  |
|      | Non HT40, 6 to 54 Mbps            | 2 | 13 | -44.0 | -46.2 |       |       | -29.0 | -21.25 | 7.7  |
|      | Non HT40, 6 to 54 Mbps            | 3 | 13 | -44.0 | -46.2 | -44.6 |       | -27.1 | -21.25 | 5.8  |
|      | Non HT40, 6 to 54 Mbps            | 4 | 13 | -44.0 | -46.2 | -44.6 | -49.5 | -26.6 | -21.25 | 5.3  |
|      | HT/VHT40, M0 to M7                | 1 | 13 | -49.6 |       |       |       | -36.6 | -21.25 | 15.4 |
|      | HT/VHT40, M0 to M7                | 2 | 13 | -49.6 | -50.3 |       |       | -33.9 | -21.25 | 12.7 |
|      | HT/VHT40, M8 to M15               | 2 | 13 | -49.6 | -50.3 |       |       | -33.9 | -21.25 | 12.7 |
|      | HT/VHT40, M0 to M7                | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40, M8 to M15               | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40, M16 to M23              | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40, M0 to M7                | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
|      | HT/VHT40, M8 to M15               | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
|      | HT/VHT40, M16 to M23              | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 2 | 13 | -49.6 | -50.3 |       |       | -33.9 | -21.25 | 12.7 |
|      | HT/VHT40 Beam Forming, M8 to M15  | 2 | 13 | -49.6 | -50.3 |       |       | -33.9 | -21.25 | 12.7 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 3 | 16 | -49.6 | -50.3 | -50.2 |       | -29.3 | -21.25 | 8.0  |
|      | HT/VHT40 Beam Forming, M8 to M15  | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40 Beam Forming, M0 to M7   | 4 | 16 | -49.6 | -50.3 | -50.2 | -61.1 | -29.1 | -21.25 | 7.9  |
|      | HT/VHT40 Beam Forming, M8 to M15  | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
|      | HT/VHT40 Beam Forming, M16 to M23 | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
|      | HT/VHT40 STBC, M0 to M7           | 2 | 13 | -49.6 | -50.3 |       |       | -33.9 | -21.25 | 12.7 |



|      |                                     |   |    |       |       |       |       |       |        |      |
|------|-------------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | HT/VHT40 STBC, M0 to M7             | 3 | 13 | -49.6 | -50.3 | -50.2 |       | -32.3 | -21.25 | 11.0 |
|      | HT/VHT40 STBC, M0 to M7             | 4 | 13 | -49.6 | -50.3 | -50.2 | -61.1 | -32.1 | -21.25 | 10.9 |
| 5280 | Non HT20, 6 to 54 Mbps              | 1 | 13 | -59.4 |       |       |       | -46.4 | -21.25 | 25.2 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | -59.4 | -49.6 |       |       | -36.2 | -21.25 | 14.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -59.4 | -49.6 | -51.2 |       | -34.1 | -21.25 | 12.8 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -59.4 | -49.6 | -51.2 | -61.9 | -33.9 | -21.25 | 12.7 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -59.4 | -49.6 |       |       | -36.2 | -21.25 | 14.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -59.4 | -49.6 | -51.2 |       | -31.1 | -21.25 | 9.8  |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -59.4 | -49.6 | -51.2 | -61.9 | -30.9 | -21.25 | 9.7  |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | -59.4 |       |       |       | -46.4 | -21.25 | 25.2 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | -59.4 | -50.3 |       |       | -36.8 | -21.25 | 15.5 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | -59.4 | -50.3 |       |       | -36.8 | -21.25 | 15.5 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | -59.4 | -50.3 |       |       | -36.8 | -21.25 | 15.5 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | -59.4 | -50.3 |       |       | -36.8 | -21.25 | 15.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -59.4 | -50.3 | -51.2 |       | -31.4 | -21.25 | 10.2 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -59.4 | -50.3 | -51.2 | -48.2 | -28.8 | -21.25 | 7.5  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | -59.4 | -50.3 |       |       | -36.8 | -21.25 | 15.5 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | -59.4 | -50.3 | -51.2 |       | -34.4 | -21.25 | 13.2 |
|      | HT/VHT20 STBC, M0 to M7             | 4 | 13 | -59.4 | -50.3 | -51.2 | -48.2 | -31.8 | -21.25 | 10.5 |
| 5290 | Non HT80, 6 to 54 Mbps              | 1 | 13 | -61.3 |       |       |       | -48.3 | -21.25 | 27.1 |
|      | Non HT80, 6 to 54 Mbps              | 2 | 13 | -61.3 | -45.6 |       |       | -32.5 | -21.25 | 11.2 |
|      | Non HT80, 6 to 54 Mbps              | 3 | 13 | -61.3 | -45.6 | -45.3 |       | -29.4 | -21.25 | 8.1  |
|      | Non HT80, 6 to 54 Mbps              | 4 | 13 | -61.3 | -45.6 | -45.3 | -43.2 | -26.8 | -21.25 | 5.5  |
|      | VHT80, M0.1 to M9.1                 | 1 | 13 | -61.8 |       |       |       | -48.8 | -21.25 | 27.6 |
|      | VHT80, M0.1 to M9.1                 | 2 | 13 | -61.8 | -50.9 |       |       | -37.6 | -21.25 | 16.3 |
|      | VHT80, M0.2 to M9.2                 | 2 | 13 | -61.8 | -50.9 |       |       | -37.6 | -21.25 | 16.3 |
|      | VHT80, M0.1 to M9.1                 | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |
|      | VHT80, M0.2 to M9.2                 | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |
|      | VHT80, M0.3 to M9.3                 | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |



|      |                                     |   |    |       |       |       |       |       |        |      |
|------|-------------------------------------|---|----|-------|-------|-------|-------|-------|--------|------|
|      | VHT80, M0.1 to M9.1                 | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
|      | VHT80, M0.2 to M9.2                 | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
|      | VHT80, M0.3 to M9.3                 | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 2 | 13 | -61.8 | -50.9 |       |       | -37.6 | -21.25 | 16.3 |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 2 | 13 | -61.8 | -50.9 |       |       | -37.6 | -21.25 | 16.3 |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 3 | 16 | -61.8 | -50.9 | -50.7 |       | -31.6 | -21.25 | 10.4 |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |
|      | VHT80 Beam Forming, M0.3 to M9.3    | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |
|      | VHT80 Beam Forming, M0.1 to M9.1    | 4 | 16 | -61.8 | -50.9 | -50.7 | -48.8 | -29.2 | -21.25 | 7.9  |
|      | VHT80 Beam Forming, M0.2 to M9.2    | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
|      | VHT80 Beam Forming, M0.3 to M9.3    | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
|      | VHT80 STBC, M0.1 to M9.1            | 2 | 13 | -61.8 | -50.9 |       |       | -37.6 | -21.25 | 16.3 |
|      | VHT80 STBC, M0.1 to M9.1            | 3 | 13 | -61.8 | -50.9 | -50.7 |       | -34.6 | -21.25 | 13.4 |
|      | VHT80 STBC, M0.1 to M9.1            | 4 | 13 | -61.8 | -50.9 | -50.7 | -48.8 | -32.2 | -21.25 | 10.9 |
| 5300 | Non HT20, 6 to 54 Mbps              | 1 | 13 | -60.6 |       |       |       | -47.6 | -21.25 | 26.4 |
|      | Non HT20, 6 to 54 Mbps              | 2 | 13 | -60.6 | -59.8 |       |       | -44.2 | -21.25 | 22.9 |
|      | Non HT20, 6 to 54 Mbps              | 3 | 13 | -60.6 | -59.8 | -50.6 |       | -36.7 | -21.25 | 15.5 |
|      | Non HT20, 6 to 54 Mbps              | 4 | 13 | -60.6 | -59.8 | -50.6 | -49.6 | -33.7 | -21.25 | 12.4 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 2 | 13 | -60.6 | -59.8 |       |       | -44.2 | -21.25 | 22.9 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 3 | 16 | -60.6 | -59.8 | -50.6 |       | -33.7 | -21.25 | 12.5 |
|      | Non HT20 Beam Forming, 6 to 54 Mbps | 4 | 16 | -60.6 | -59.8 | -50.6 | -49.6 | -30.7 | -21.25 | 9.4  |
|      | HT/VHT20, M0 to M7                  | 1 | 13 | -50.2 |       |       |       | -37.2 | -21.25 | 16.0 |
|      | HT/VHT20, M0 to M7                  | 2 | 13 | -50.2 | -50.1 |       |       | -34.1 | -21.25 | 12.9 |
|      | HT/VHT20, M8 to M15                 | 2 | 13 | -50.2 | -50.1 |       |       | -34.1 | -21.25 | 12.9 |
|      | HT/VHT20, M0 to M7                  | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |
|      | HT/VHT20, M8 to M15                 | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |
|      | HT/VHT20, M16 to M23                | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |
|      | HT/VHT20, M0 to M7                  | 4 | 13 | -50.2 | -50.1 | -51.2 | -49.4 | -31.2 | -21.25 | 9.9  |
|      | HT/VHT20, M8 to M15                 | 4 | 13 | -50.2 | -50.1 | -51.2 | -49.4 | -31.2 | -21.25 | 9.9  |
|      | HT/VHT20, M16 to M23                | 4 | 13 | -50.2 | -50.1 | -51.2 | -49.4 | -31.2 | -21.25 | 9.9  |
|      | HT/VHT20 Beam Forming, M0 to M7     | 2 | 13 | -50.2 | -50.1 |       |       | -34.1 | -21.25 | 12.9 |
|      | HT/VHT20 Beam Forming, M8 to M15    | 2 | 13 | -50.2 | -50.1 |       |       | -34.1 | -21.25 | 12.9 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 3 | 16 | -50.2 | -50.1 | -51.2 |       | -29.7 | -21.25 | 8.5  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |
|      | HT/VHT20 Beam Forming, M16 to M23   | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |
|      | HT/VHT20 Beam Forming, M0 to M7     | 4 | 16 | -50.2 | -50.1 | -51.2 | -49.4 | -28.2 | -21.25 | 6.9  |
|      | HT/VHT20 Beam Forming, M8 to M15    | 4 | 13 | -50.2 | -50.1 | -51.2 | -49.4 | -31.2 | -21.25 | 9.9  |
|      | HT/VHT20 Beam Forming, M16 to M23   | 4 | 13 | -50.2 | -50.1 | -51.2 | -49.4 | -31.2 | -21.25 | 9.9  |
|      | HT/VHT20 STBC, M0 to M7             | 2 | 13 | -50.2 | -50.1 |       |       | -34.1 | -21.25 | 12.9 |
|      | HT/VHT20 STBC, M0 to M7             | 3 | 13 | -50.2 | -50.1 | -51.2 |       | -32.7 | -21.25 | 11.5 |