



FCC PART 15.407

LP0002-2018

## TEST REPORT

For

**Cisco Systems, Inc.**

125 W Tasman Drive  
San Jose, CA 95134, USA

**FCC ID: LDKAX5122118**

|                                                                                                                                      |                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Report Type:</b><br>Original Report                                                                                               | <b>Product type:</b><br>Cisco Catalyst C9130AX Series<br>Wi-Fi 6 Access Points |
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| <b>Report Number</b>                                                                                                                 | R1906171-03                                                                    |
| <b>Report Date</b>                                                                                                                   | 2019-09-07                                                                     |
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\* This test report may contain data and test methods that are not covered by BACL's scope of accreditation as of the test report date shown above. These items are marked within the test report text with an asterisk "\*"

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**DOCUMENT REVISION HISTORY**

| Revision Number | Report Number | Description of Revision | Date of Revision |
|-----------------|---------------|-------------------------|------------------|
| 0               | R1906171-03   | Original Report         | 2019-09-07       |

## 1 General Description

---

### 1.1 Product Description for Equipment under Test (EUT)

This test and measurement report was prepared on behalf of *Cisco Systems, Inc.*, and their product model: *C9130AXI-B (US)*, *C9130AXI-T (Taiwan)*, FCC ID: LDKAX5122118, or the “EUT” as referred to in this report. The product is an 802.11ax Access Point.

### 1.2 Objective

This report is prepared on behalf of *Cisco Systems, Inc.* in accordance with FCC CFR47 §15.407, and LP0002-2018.

The objective is to determine compliance with FCC Part 15.407, and LP0002-2018 rules for Output Power, Antenna Requirements, AC Line Conducted Emissions, Emission Bandwidth, Power spectral density, Conducted and Radiated Spurious Emissions.

### 1.3 Related Submittal(s)/Grant(s)

Equipment Class: DTS

### 1.4 Test Methodology

All measurements contained in this report were conducted in accordance with ANSI C63.10-2013, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz, and FCC KDB 789033 D02 General UNII Test Procedure New Rules v02r01.

## 1.5 Measurement Uncertainty

All measurements involve certain levels of uncertainties, especially in the field of EMC. The factors contributing to uncertainties are spectrum analyzer, cable loss, antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, antenna factor frequency interpolation, measurement distance variation, site imperfections, mismatch (average), and system repeatability.

| Parameter                         | Measurement uncertainty |
|-----------------------------------|-------------------------|
| Occupied Channel Bandwidth        | 34kHz                   |
| RF output power, conducted        | 4.84 dB                 |
| Power Spectral Density, conducted | 1.69 dB                 |
| Unwanted Emissions, conducted     | 4.84dB                  |
| All emissions, radiated           | 5.18 dB                 |
| AC power line Conducted Emission  | 4.22 dB                 |
| Temperature                       | ±2 ° C                  |
| Humidity                          | ±5 %                    |
| DC and low frequency voltages     | ±1.0 %                  |
| Time                              | ±2 %                    |
| Duty Cycle                        | ±3 %                    |

## 1.6 Test Facility Registrations

BACLs test facilities that are used to perform Radiated and Conducted Emissions tests are currently recognized by the Federal Communications Commission as Accredited with NIST Designation Number US1129.

BACL's test facilities that are used to perform Radiated and Conducted Emissions tests are currently registered with Industry Canada under Registration Numbers: 3062A-1, 3062A-2, and 3062A-3.

BACL is a Chinese Taipei Bureau of Standards Metrology and Inspection (BSMI) validated Conformity Assessment Body (CAB), under Appendix B, Phase I Procedures of the APEC Mutual Recognition Arrangement (MRA). BACL's BSMI Lab Code Number is: SL2-IN-E-1002R

BACL's test facilities that are used to perform AC Line Conducted Emissions, Telecommunications Line Conducted Emissions, Radiated Emissions from 30 MHz to 1 GHz, and Radiated Emissions from 1 GHz to 6 GHz are currently recognized as Accredited in accordance with the Voluntary Control Council for Interference [VCCI] Article 15 procedures under Registration Number A-0027.

## 1.7 Test Facility Accreditations

Bay Area Compliance Laboratories Corp. (BACL) is:

**A- An independent, 3<sup>rd</sup>-Party, Commercial Test Laboratory accredited to ISO/IEC 17025:2005 by A2LA (Test Laboratory Accreditation Certificate Number 3279.02),** in the fields of: Electromagnetic Compatibility and Telecommunications. Unless noted by an Asterisk (\*) in the Compliance Matrix (See Section 3 of this Test Report), BACL's ISO/IEC 17025:2005 Scope of Accreditation includes all of the Test Method Standards and/or the Product Family Standards detailed in this Test Report..

BACL's ISO/IEC 17025:2005 Scope of Accreditation includes a comprehensive suite of EMC Emissions, EMC Immunity, Radio, RF Exposure, Safety and wireline Telecommunications test methods applicable to a wide range of product categories. These product categories include Central Office Telecommunications Equipment

[including NEBS - Network Equipment Building Systems], Unlicensed and Licensed Wireless and RF devices, Information Technology Equipment (ITE); Telecommunications Terminal Equipment (TTE); Medical Electrical Equipment; Industrial, Scientific and Medical Test Equipment; Professional Audio and Video Equipment; Industrial and Scientific Instruments and Laboratory Apparatus; Cable Distribution Systems, and Energy Efficient Lighting.

**B- A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3279.03) to certify**

- For the USA (Federal Communications Commission):
  - 1- All Unlicensed radio frequency devices within FCC Scopes A1, A2, A3, and A4;
  - 2- All Licensed radio frequency devices within FCC Scopes B1, B2, B3, and B4;
  - 3- All Telephone Terminal Equipment within FCC Scope C.
- For the Canada (Industry Canada):
  - 1 All Scope 1-Licence-Exempt Radio Frequency Devices;
  - 2 All Scope 2-Licensed Personal Mobile Radio Services;
  - 3 All Scope 3-Licensed General Mobile & Fixed Radio Services;
  - 4 All Scope 4-Licensed Maritime & Aviation Radio Services;
  - 5 All Scope 5-Licensed Fixed Microwave Radio Services
  - 6 All Broadcasting Technical Standards (BETS) in the Category I Equipment Standards List.
- For Singapore (Info-Communications Development Authority (IDA)):
  - 1 All Line Terminal Equipment: All Technical Specifications for Line Terminal Equipment – Table 1 of IDA MRA Recognition Scheme: 2011, Annex 2
  - 2. All Radio-Communication Equipment: All Technical Specifications for Radio-Communication Equipment – Table 2 of IDA MRA Recognition Scheme: 2011, Annex 2
- For the Hong Kong Special Administrative Region:
  - 1 All Radio Equipment, per KHCA 10XX-series Specifications;
  - 2 All GMDSS Marine Radio Equipment, per HKCA 12XX-series Specifications;
  - 3 All Fixed Network Equipment, per HKCA 20XX-series Specifications.
- For Japan:
  - 1 MIC Telecommunication Business Law (Terminal Equipment):
    - All Scope A1 - Terminal Equipment for the Purpose of Calls;
    - All Scope A2 - Other Terminal Equipment
  - 2 Radio Law (Radio Equipment):
    - All Scope B1 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
    - All Scope B2 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
    - All Scope B3 - Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

**C- A Product Certification Body accredited to ISO/IEC 17065:2012 by A2LA (Product Certification Body Accreditation Certificate Number 3279.01) to certify Products to USA's Environmental Protection Agency (EPA) ENERGY STAR Product Specifications for:**

- 1 Electronics and Office Equipment:
  - for Telephony (ver. 3.0)
  - for Audio/Video (ver. 3.0)
  - for Battery Charging Systems (ver. 1.1)
  - for Set-top Boxes & Cable Boxes (ver. 4.1)
  - for Televisions (ver. 6.1)
  - for Computers (ver. 6.0)
  - for Displays (ver. 6.0)

- for Imaging Equipment (ver. 2.0)
- for Computer Servers (ver. 2.0)
- 2 Commercial Food Service Equipment
  - for Commercial Dishwashers (ver. 2.0)
  - for Commercial Ice Machines (ver. 2.0)
  - for Commercial Ovens (ver. 2.1)
  - for Commercial Refrigerators and Freezers
- 3 Lighting Products
  - For Decorative Light Strings (ver. 1.5)
  - For Luminaires (including sub-components) and Lamps (ver. 1.2)
  - For Compact Fluorescent Lamps (CFLs) (ver. 4.3)
  - For Integral LED Lamps (ver. 1.4)
- 4 Heating, Ventilation, and AC Products
  - for Residential Ceiling Fans (ver. 3.0)
  - for Residential Ventilating Fans (ver. 3.2)
- 5 Other
  - For Water Coolers (ver. 3.0)

**D- A NIST Designated Phase-I and Phase-II Conformity Assessment Body (CAB) for the following economies and regulatory authorities under the terms of the stated MRAs/Treaties:**

- Australia: ACMA (Australian Communication and Media Authority) – APEC Tel MRA -Phase I;
- Canada: (Innovation, Science and Economic development Canada - ISED) Foreign Certification Body – FCB – APEC Tel MRA -Phase I & Phase II;
- Chinese Taipei (Republic of China – Taiwan):
  - o BSMI (Bureau of Standards, Metrology and Inspection) APEC Tel MRA -Phase I;
  - o NCC (National Communications Commission) APEC Tel MRA -Phase I;
- European Union:
  - o EMC Directive 2014/30/EU US-EU EMC & Telecom MRA CAB (NB)
  - o Radio Equipment (RE) Directive 2014/53/EU US-EU EMC & Telecom MRA CAB (NB)
  - o Low Voltage Directive (LVD) 2014/35/EU
- Hong Kong Special Administrative Region: (Office of the Telecommunications Authority – OFTA) APEC Tel MRA -Phase I & Phase II
- Israel – US-Israel MRA Phase I
- Republic of Korea (Ministry of Communications - Radio Research Laboratory) APEC Tel MRA -Phase I
- Singapore: (Infocomm Media Development Authority - IMDA) APEC Tel MRA -Phase I & Phase II;
- Japan: VCCI - Voluntary Control Council for Interference US-Japan Telecom Treaty VCCI Side Letter-
- USA:
  - o ENERGY STAR Recognized Test Laboratory – US EPA
  - o Telecommunications Certification Body (TCB) – US FCC;
  - o Nationally Recognized Test Laboratory (NRTL) – US OSHA
- Vietnam: APEC Tel MRA -Phase I;

## 2 EUT Test Configuration

### 2.1 Justification

The EUT was configured for testing according to ANSI C63.10-2013 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

The EUT was tested in a testing mode to represent worst-case results during the final qualification test.

The worst-case data rates are determined by measuring the average power, peak power and PPSD across all data rates bandwidths, and modulations.

### 2.2 EUT Exercise Software

The test software used was Chelsea, a certification testing application developed by Alexandrae Duran. The software is compliant with the standard requirements being tested against.

### 2.3 Duty Cycle Correction Factor

According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 section B:

All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.

| Radio Mode | On Time (ms) | Period (ms) | Duty Cycle (%) | DCCF* (dB) |
|------------|--------------|-------------|----------------|------------|
| Non HT20   | 1.434        | 1.552       | 92.40          | 0.34       |
| HT/VHT20   | 5.429        | 5.653       | 96.04          | 0.18       |
| HE20       | 5.446        | 5.715       | 95.29          | 0.21       |
| Non HT40   | 1.458        | 1.550       | 94.06          | 0.27       |
| HT/VHT40   | 5.461        | 5.751       | 94.96          | 0.22       |
| HE40       | 5.445        | 5.733       | 94.98          | 0.22       |
| Non HT80   | 1.451        | 1.550       | 93.61          | 0.29       |
| VHT80      | 5.502        | 5.705       | 96.44          | 0.16       |
| HE80       | 5.489        | 5.745       | 95.54          | 0.20       |

Note\*: DCCF = Duty Cycle Correction Factor =  $10 \cdot \log(1/\text{duty cycle})$ , when power averaging was applied in average measurement.

## 2.4 Equipment Modifications

None.

## 2.5 Local Support Equipment

| Manufacturer | Description | Model |
|--------------|-------------|-------|
| Dell         | NB          | E6410 |

## 2.6 Support Equipment

None

## 2.7 Interface Ports and Cabling

| Cable Description | Length (m) | To           | From         |
|-------------------|------------|--------------|--------------|
| Cat5e             | ~1         | EUT          | POE Injector |
| Cat5e             | ~1         | POE Injector | NB           |

### 3 Summary of Test Results

| FCC and LP0002-2018 Rules                                                      | Description of Test                     | Result            |
|--------------------------------------------------------------------------------|-----------------------------------------|-------------------|
| FCC §2.1091, §15.407(f),<br>LP0002-2018 §5.20.2                                | RF Exposure                             | Compliant         |
| FCC §15.203<br>LP0002-2018 §2.2                                                | Antenna Requirement                     | Compliant         |
| FCC §15.207<br>LP0002-2018 §2.3                                                | AC Power Line Conducted Emissions       | Note <sup>1</sup> |
| FCC §2.1053, §15.205,<br>§15.209, 15.407(b)<br>LP0002-2018 §2.7, §2.8,<br>§4.7 | Spurious Radiated Emissions             | Note <sup>1</sup> |
| FCC §15.407(e)<br>LP0002-2018 §4.7                                             | Emission Bandwidth                      | Compliant         |
| FCC §407(a)<br>LP0002-2018 §4.7                                                | Output Power                            | Compliant         |
| FCC §2.1051, §15.407(b)<br>LP0002-2018 §4.7                                    | Band Edges                              | Compliant         |
| FCC §15.407(a)<br>LP0002-2018 §4.7                                             | Power Spectral Density                  | Compliant         |
| FCC §2.1051, §15.407(b)<br>LP0002-2018 §4.7                                    | Spurious Emissions at Antenna Terminals | Compliant         |
| FCC §15.407(h)<br>LP0002-2018 §4.7                                             | Dynamic Frequency Selection (DFS)       | Note <sup>2</sup> |

Note<sup>1</sup>: compliance test data was recorded in a seaprate report, please refer to Test Report: RLK190621001-00B.

Note<sup>2</sup>: DFS compliance test data was recorded in a separate report, please refer to Test Report: EDCS-18179347

## 4 FCC §15.203, & LP0002-2018 §2.2 - Antenna Requirements

### 4.1 Applicable Standards

According to FCC §15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to FCC §15.247 (b) (4), if transmitting antennas of directional gain greater than 6 dBi are used the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### 4.2 Antenna List

| Radio     | Item               | Manufacturer | Antenna Type     | Antenna Gain |
|-----------|--------------------|--------------|------------------|--------------|
| BLE       | BLE                | Cisco        | Internal antenna | 4 dBi        |
| XOR       | Wi-Fi 2.4G Chain 0 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 1 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 2 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 2.4G Chain 3 | Cisco        | Internal antenna | 4 dBi        |
|           | Wi-Fi 5G Chain 0   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 1   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 2   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 3   | Cisco        | Internal antenna | 6 dBi        |
| Regular   | Wi-Fi 5G Chain 4   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 5   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 6   | Cisco        | Internal antenna | 6 dBi        |
|           | Wi-Fi 5G Chain 7   | Cisco        | Internal antenna | 6 dBi        |
| Chillwave | Wi-Fi 2.4G         | Cisco        | Internal antenna | 5 dBi        |
|           | Wi-Fi 5G           | Cisco        | Internal antenna | 6 dBi        |

*The EUT has an internal antenna arrangement, which was permanently attached, fulfill the requirement of this section.*

## 5 FCC §2.1091, §15.407(f), & LP0002-2018 §5.20.2 - RF Exposure

### 5.1 Applicable Standards

According to FCC §15.247(i), §15.407(f) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

#### Limits for General Population/Uncontrolled Exposure

| Frequency Range (MHz)                               | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density (mW/cm <sup>2</sup> ) | Averaging Time (minutes) |
|-----------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| Limits for General Population/Uncontrolled Exposure |                               |                               |                                     |                          |
| 0.3-1.34                                            | 614                           | 1.63                          | * (100)                             | 30                       |
| 1.34-30                                             | 824/f                         | 2.19/f                        | * (180/f <sup>2</sup> )             | 30                       |
| 30-300                                              | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300-1500                                            | /                             | /                             | f/1500                              | 30                       |
| 1500-100,000                                        | /                             | /                             | 1.0                                 | 30                       |

f = frequency in MHz

\* = Plane-wave equivalent power density

### 5.2 MPE Prediction

Predication of MPE limit at a given distance, Equation from OET Bulletin 65, Edition 97-01

$$S = PG/4\pi R^2$$

Where: S = power density

P = power input to antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

### 5.3 MPE Results for FCC

#### BLE:

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>5.27</u>   |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>3.37</u>   |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2402</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>4.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>2.51</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.0007</u> |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

#### 2.4 GHz XOR Wi-Fi (4x4):

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.70</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>234.42</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2437</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.00</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>10.00</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.21</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

#### 2.4 GHz ChillWave Wi-Fi (SISO):

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.10</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>102.33</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>2437</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>5.00</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>3.16</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.03</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz XOR Wi-Fi (4x4)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>20.70</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>117.49</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5200</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.17</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz XOR Wi-Fi (4x4)-5.3 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.28</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>53.46</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz XOR Wi-Fi (4x4)-5.6 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.95</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>62.37</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5550</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.09</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz XOR Wi-Fi (4x4)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>22.62</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>182.81</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5775</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.26</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Regular Wi-Fi (4x4)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>21.63</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>145.55</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5230</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.20</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Regular Wi-Fi (4x4)-5.3 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>18.44</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>69.82</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.77</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>11.94</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.07</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz Regular Wi-Fi (4x4)-5.6 GHz band:**

|                                                                                             |              |
|---------------------------------------------------------------------------------------------|--------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>17.32</u> |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>53.95</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u> |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5670</u>  |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u> |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u> |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>  |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>  |

**5 GHz Regular Wi-Fi (4x4)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>21.21</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>132.13</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5755</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.19</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.2 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.23</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>210.38</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5200</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>12.02</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>15.92</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.30</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.3 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.14</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>206.06</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5270</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.58</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>4.55</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.6 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>23.08</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>203.24</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5510</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>6.58</u>   |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>4.55</u>   |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.08</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz Wi-Fi (8x8)-5.8 GHz band:**

|                                                                                             |               |
|---------------------------------------------------------------------------------------------|---------------|
| <u>Maximum average output power at antenna input terminal (dBm):</u>                        | <u>25.74</u>  |
| <u>Maximum average output power at antenna input terminal (mW):</u>                         | <u>374.97</u> |
| <u>Prediction distance (cm):</u>                                                            | <u>30.00</u>  |
| <u>Prediction frequency (MHz):</u>                                                          | <u>5785</u>   |
| <u>Maximum Antenna Gain, typical (dBi):</u>                                                 | <u>10.26</u>  |
| <u>Maximum Antenna Gain (numeric):</u>                                                      | <u>10.62</u>  |
| <u>Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>):</u>                | <u>0.35</u>   |
| <u>FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>):</u> | <u>1.00</u>   |

**5 GHz ChillWave Wi-Fi (SISO)-5.2 GHz band:**

Maximum average output power at antenna input terminal (dBm): 19.70  
Maximum average output power at antenna input terminal (mW): 93.33  
Prediction distance (cm): 30.00  
Prediction frequency (MHz): 5240  
Maximum Antenna Gain, typical (dBi): 6.00  
Maximum Antenna Gain (numeric): 3.98  
Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>): 0.03  
FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>): 1.00

**5 GHz ChillWave Wi-Fi (SISO)-5.3 GHz band:**

Maximum average output power at antenna input terminal (dBm): 20.20  
Maximum average output power at antenna input terminal (mW): 104.71  
Prediction distance (cm): 30.00  
Prediction frequency (MHz): 5300  
Maximum Antenna Gain, typical (dBi): 6.00  
Maximum Antenna Gain (numeric): 3.98  
Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>): 0.04  
FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>): 1.00

**5 GHz ChillWave Wi-Fi (SISO)-5.6 GHz band:**

Maximum average output power at antenna input terminal (dBm): 20.10  
Maximum average output power at antenna input terminal (mW): 102.33  
Prediction distance (cm): 30.00  
Prediction frequency (MHz): 5560  
Maximum Antenna Gain, typical (dBi): 6.00  
Maximum Antenna Gain (numeric): 3.98  
Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>): 0.04  
FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>): 1.00

**5 GHz ChillWave Wi-Fi (SISO)-5.8 GHz band:**

Maximum average output power at antenna input terminal (dBm): 20.20  
Maximum average output power at antenna input terminal (mW): 104.71  
Prediction distance (cm): 30.00  
Prediction frequency (MHz): 5745  
Maximum Antenna Gain, typical (dBi): 6.00  
Maximum Antenna Gain (numeric): 3.98  
Power density of prediction frequency at 30.0 cm (mW/cm<sup>2</sup>): 0.04  
FCC MPE limit for uncontrolled exposure at prediction frequency (mW/cm<sup>2</sup>): 1.00

**Radio Co-location**

| Case | Standalone MPE (mW/cm <sup>2</sup> ) |                   |                 |             |           |               |           | Total MPE Ratio | Limit |
|------|--------------------------------------|-------------------|-----------------|-------------|-----------|---------------|-----------|-----------------|-------|
|      | BLE                                  | 2.4 GHz ChillWave | 5 GHz ChillWave | 2.4 GHz XOR | 5 GHz XOR | 5 GHz Regular | 5 GHz 8x8 |                 |       |
| 1    | 0.0007                               | 0.03              | -               | 0.21        | 0.26      | 0.20          | -         | 0.701           | 1     |
| 2    | 0.0007                               | -                 | 0.04            | 0.21        | 0.26      | 0.20          | -         | 0.711           | 1     |
| 3    | 0.0007                               | 0.03              | -               | -           | -         | -             | 0.35      | 0.381           | 1     |
| 4    | 0.0007                               | -                 | 0.04            | -           | -         | -             | 0.35      | 0.391           | 1     |

**Conclusion**

The device is compliant with the requirement MPE limit for uncontrolled exposure. All transceiver modules must be installed with a separation distance of no less than **30** cm from all persons.

## 6 FCC §15.407(e), & LP0002-2018 - 6 dB, 26 dB, and 99% Occupied Bandwidth

### 6.1 Applicable Standards

As per FCC §15.407(e): for equipment operating in the band 5725 – 5850 MHz, the minimum 6 dB bandwidth of U-NII devices shall be 500 kHz.

### 6.2 Measurement Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that were attenuated 6 or 26 dB from the reference level. Record the frequency difference as the minimum emission or emission bandwidth.
4. Repeat above procedures until all frequencies measured were complete.

### 6.3 Test Equipment List and Details

| Manufacturer | Description        | Model No. | Serial No. | Calibration Date       | Calibration Due |
|--------------|--------------------|-----------|------------|------------------------|-----------------|
| Agilent      | Analyzer, Spectrum | E4440A    | US45303156 | 2019-03-06             | 1 year          |
| Agilent      | Analyzer, Spectrum | E4446A    | MY48250238 | 2019-06-26             | 1 year          |
| -            | RF cable           | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 20dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 10dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) “A2LA Policy on Metrological Traceability”.

### 6.4 Test Environmental Conditions

|                    |                 |
|--------------------|-----------------|
| Temperature:       | 22-25 °C        |
| Relative Humidity: | 42-55 %         |
| ATM Pressure:      | 101.2-102.9 kPa |

The testing was performed by Alexandrae Duran on 2019-07-29~2019-08-09.

## **6.5 Test Results**

Please refer to Annex A for test results and plots

## 7 FCC §407(a), & LP0002-2018 - Output Power

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### 7.1 Applicable Standards

According to FCC §15.407(a):

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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.

(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  $11 \text{ dBm} + 10 \log B$ , 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.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Note to paragraph (a)(3): The Commission strongly recommends that parties employing U-NII devices to provide critical communications services should determine if there are any nearby Government radar systems that could affect their operation.

(4) The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

(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 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. 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.

## 7.2 Measurement Procedure

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to a spectrum analyzer.

### 7.3 Test Equipment List and Details

| Manufacturer | Description        | Model No. | Serial No. | Calibration Date       | Calibration Due |
|--------------|--------------------|-----------|------------|------------------------|-----------------|
| Agilent      | Analyzer, Spectrum | E4440A    | US45303156 | 2019-03-06             | 1 year          |
| Agilent      | Analyzer, Spectrum | E4446A    | MY48250238 | 2019-06-26             | 1 year          |
| -            | RF cable           | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 20dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 10dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) “A2LA Policy on Metrological Traceability”.

### 7.4 Test Environmental Conditions

|                           |               |
|---------------------------|---------------|
| <b>Temperature:</b>       | 22-25 °C      |
| <b>Relative Humidity:</b> | 42-52 %       |
| <b>ATM Pressure:</b>      | 101.2-102.9Pa |

The testing was performed by Alexandrae Duran on 2019-08-12~2019-08-30.

### 7.5 Test Results

Please refer to Annex for test results and plots

## 8 FCC §15.407(a), & LP0002-2018 - Power Spectral Density

### 8.1 Applicable Standards

According to FCC §15.407(a):

For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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.

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  $11 \text{ dBm} + 10 \log B$ , 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.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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. However, fixed point-to-point U-NII devices operating in this band may

employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

## 8.2 Measurement Procedure

- (i) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- (ii) Set RBW = 1 MHz.
- (iii) Set VBW  $\geq$  3 MHz.
- (iv) Number of points in sweep  $\geq$  2 Span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)
- (v) Sweep time = auto.
- (vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle  $\geq$  98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run”.
- (viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- (ix) Use the peak search function on the instrument to find the peak of the spectrum and record its value.

## 8.3 Test Equipment List and Details

| Manufacturer | Description        | Model No. | Serial No. | Calibration Date       | Calibration Due |
|--------------|--------------------|-----------|------------|------------------------|-----------------|
| Agilent      | Analyzer, Spectrum | E4440A    | US45303156 | 2019-03-06             | 1 year          |
| Agilent      | Analyzer, Spectrum | E4446A    | MY48250238 | 2019-06-26             | 1 year          |
| -            | RF cable           | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 20dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 10dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) “A2LA Policy on Metrological Traceability”.

## 8.4 Test Environmental Conditions

|                    |               |
|--------------------|---------------|
| Temperature:       | 22-25 °C      |
| Relative Humidity: | 42-52 %       |
| ATM Pressure:      | 101.2-102.9Pa |

The testing was performed by Alexandrae Duran on 2019-08-12~2019-08-30.

## **8.5 Test Results**

Please refer to Annex for test results and plots

## 9 FCC §15.407(b), & LP0002-2018 §4.7 - Out of Band Emissions

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### 9.1 Applicable Standards

According to FCC §15.407(b):

For transmitters operating in the 5.15-5.25 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.

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.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

The provisions of §15.205 apply to intentional radiators operating under this section.

### 9.2 Measurement Procedure

Add a correction factor (antenna gain+ Attenuator loss+cable loss) to the offset of the spectrum analyzer.  
Integration Method

1. For peak emissions measurements, follow the procedures described in section H)5), "Procedures for Peak Unwanted Emissions Measurements above 1000 MHz", except for the following changes:
  - Set RBW = 100 kHz
  - Set VBW = 3RBW
  - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured. CAUTION: You must ensure that the spectrum analyzer or EMI receiver is set for peak-detection and max-hold for this measurement.
2. For average emissions measurements, follow the procedures described in section H)6), "Procedures for Average Unwanted Emissions Measurements above 1000 MHz", except for the following changes:
  - Set RBW = 100 kHz
  - Set VBW = 3RBW
  - Perform a band-power integration across the 1 MHz bandwidth in which the band-edge emission level is to be measured.

### 9.3 Test Equipment List and Details

| Manufacturer | Description        | Model No. | Serial No. | Calibration Date       | Calibration Due |
|--------------|--------------------|-----------|------------|------------------------|-----------------|
| Agilent      | Analyzer, Spectrum | E4440A    | US45303156 | 2019-03-06             | 1 year          |
| Agilent      | Analyzer, Spectrum | E4446A    | MY48250238 | 2019-06-26             | 1 year          |
| -            | RF cable           | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 20dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |
| -            | 10dB attenuator    | -         | -          | Each time <sup>1</sup> | N/A             |

**Statement of Traceability:** *BACL Corp.* attests that all of the calibrations on the equipment items listed above were traceable to NIST or to another internationally recognized National Metrology Institute (NMI), and were compliant with A2LA Policy P102 (dated 09 June 2016) "A2LA Policy on Metrological Traceability".

### 9.4 Test Environmental Conditions

|                    |               |
|--------------------|---------------|
| Temperature:       | 22-25 °C      |
| Relative Humidity: | 42-52 %       |
| ATM Pressure:      | 101.2-102.9Pa |

The testing was performed by Alexandrae Duran on 2019-07-08~2019-07-26.

### 9.5 Test Results

Please refer to Annex for test results and plots

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## **10 Appendix (Normative) - EUT Photographs**

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Please see attachments:

- Appendix A – EUT Test Setup Photographs
- Appendix B – EUT External Photographs
- Appendix C – EUT Internal Photographs

## 11 Annex A – Test Results and Measurement Plots

Test Data for Occupied Bandwidth

| Frequency (MHz) | Mode                             | Data Rate (Mbps) | 99% BW (MHz) | 26dB BW (MHz) |
|-----------------|----------------------------------|------------------|--------------|---------------|
| 5500            | non HT20, 6 to 54 Mbps           | 6                | 16.34        | 18.89         |
|                 | HT/VHT20, M0 to M7, M0.1 to M8.1 | m0               | 17.55        | 19.97         |
|                 | HE20, M0.1 to M11.1              | m0h1             | 18.89        | 20.84         |
| 5510            | non HT40, 6 to 54 Mbps           | 6                | 36.10        | 39.90         |
|                 | HT/VHT40, M0 to M7, M0.1 to M8.1 | m0               | 36.04        | 40.75         |
|                 | HE40, M0.1 to M11.1              | m0h1             | 37.79        | 40.32         |
| 5530            | non HT80, 6 to 54 Mbps           | 6                | 75.53        | 81.30         |
|                 | VHT80, M0.1 to M9.1              | m0               | 75.32        | 80.97         |
|                 | HE80, M0.1 to M11.1              | m0h1             | 77.05        | 81.77         |
| 5580            | non HT20, 6 to 54 Mbps           | 6                | 16.40        | 18.60         |
|                 | HT/VHT20, M0 to M7, M0.1 to M8.1 | m0               | 17.61        | 20.10         |
|                 | HE20, M0.1 to M11.1              | m0h1             | 18.91        | 20.70         |
| 5550            | non HT40, 6 to 54 Mbps           | 6                | 36.15        | 40.34         |
|                 | HT/VHT40, M0 to M7, M0.1 to M8.1 | m0               | 35.99        | 39.81         |
|                 | HE40, M0.1 to M11.1              | m0h1             | 37.70        | 40.68         |
| 5610            | non HT80, 6 to 54 Mbps           | 6                | 75.56        | 80.93         |
|                 | VHT80, M0.1 to M9.1              | m0               | 75.35        | 81.28         |
|                 | HE80, M0.1 to M11.1              | m0h1             | 76.87        | 81.58         |
| 5700            | non HT20, 6 to 54 Mbps           | 6                | 16.38        | 18.91         |
|                 | HT/VHT20, M0 to M7, M0.1 to M8.1 | m0               | 17.59        | 20.15         |
|                 | HE20, M0.1 to M11.1              | m0h1             | 18.88        | 21.11         |
| 5720            | non HT20, 6 to 54 Mbps           | 6                | 16.36        | 18.98         |
|                 | HT/VHT20, M0 to M7, M0.1 to M8.1 | m0               | 17.58        | 20.50         |
|                 | HE20, M0.1 to M11.1              | m0h1             | 18.93        | 20.79         |

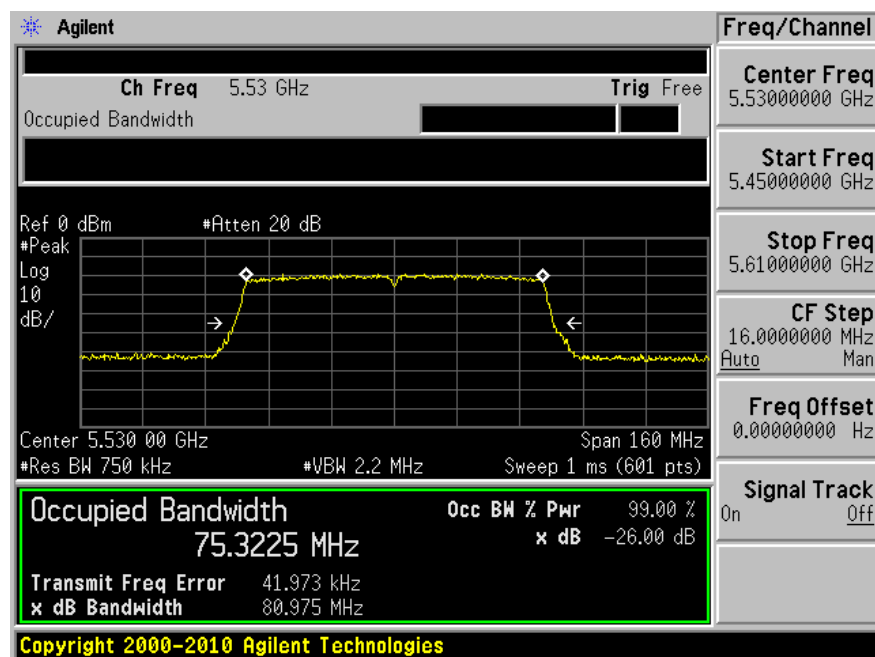
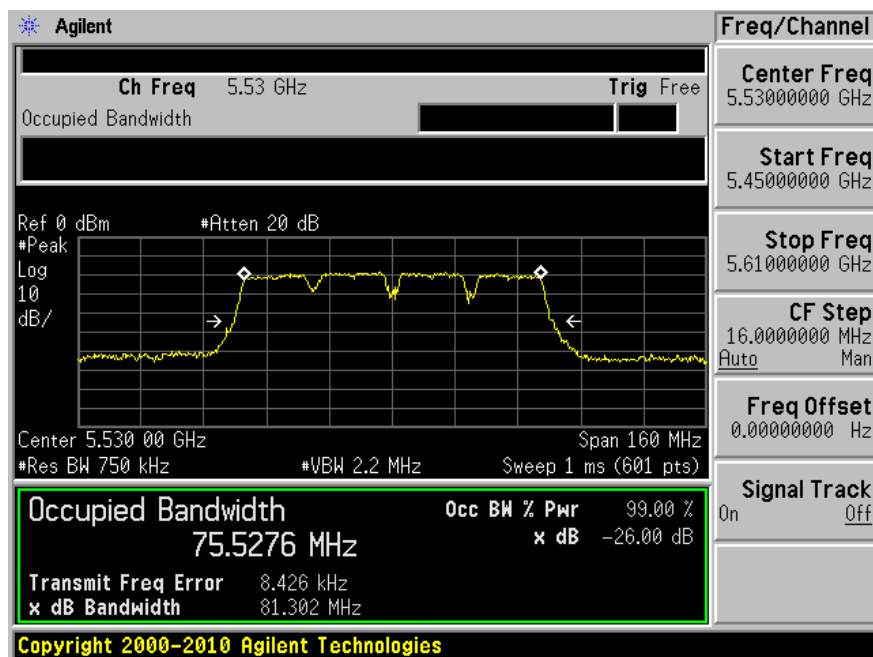
|      |                                  |      |       |       |
|------|----------------------------------|------|-------|-------|
| 5710 | non HT40, 6 to 54 Mbps           | 6    | 36.20 | 40.53 |
|      | HT/VHT40, M0 to M7, M0.1 to M8.1 | m0   | 36.07 | 39.27 |
|      | HE40, M0.1 to M11.1              | m0h1 | 37.70 | 40.18 |
| 5690 | non HT80, 6 to 54 Mbps           | 6    | 75.54 | 81.69 |
|      | VHT80, M0.1 to M9.1              | m0   | 75.32 | 80.62 |
|      | HE80, M0.1 to M11.1              | m0h1 | 77.01 | 81.28 |

Please refer to the following plots

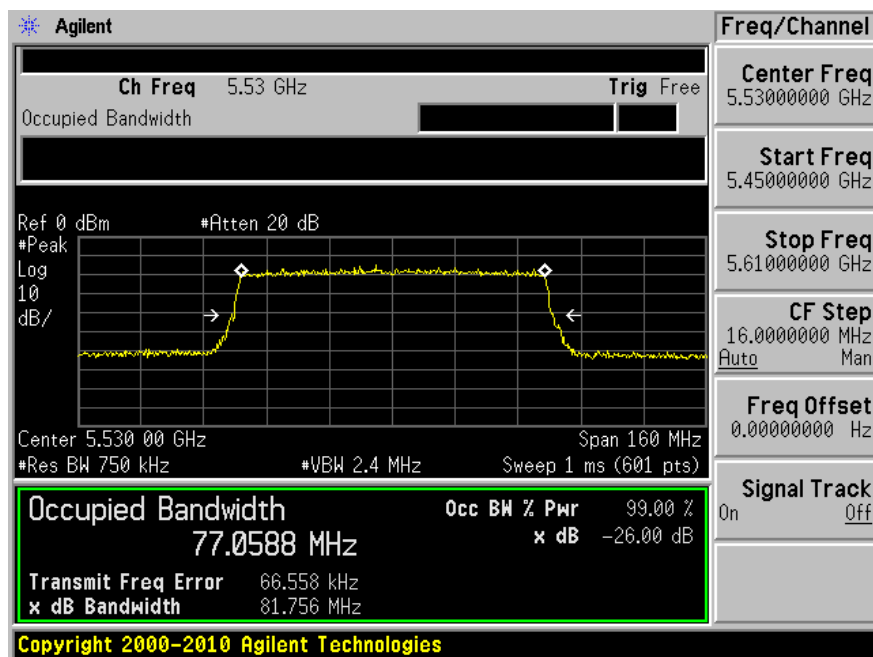
5530 MHz

nonHT80, 6 to 54 Mbps

VHT80, M0.1 to M9.1

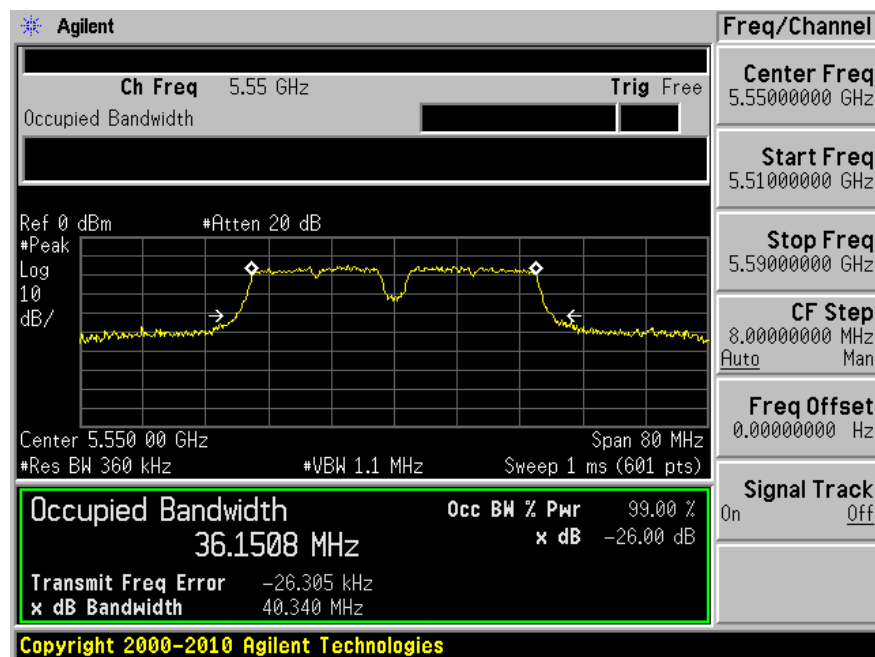


HE80, M0.1 to M11.1

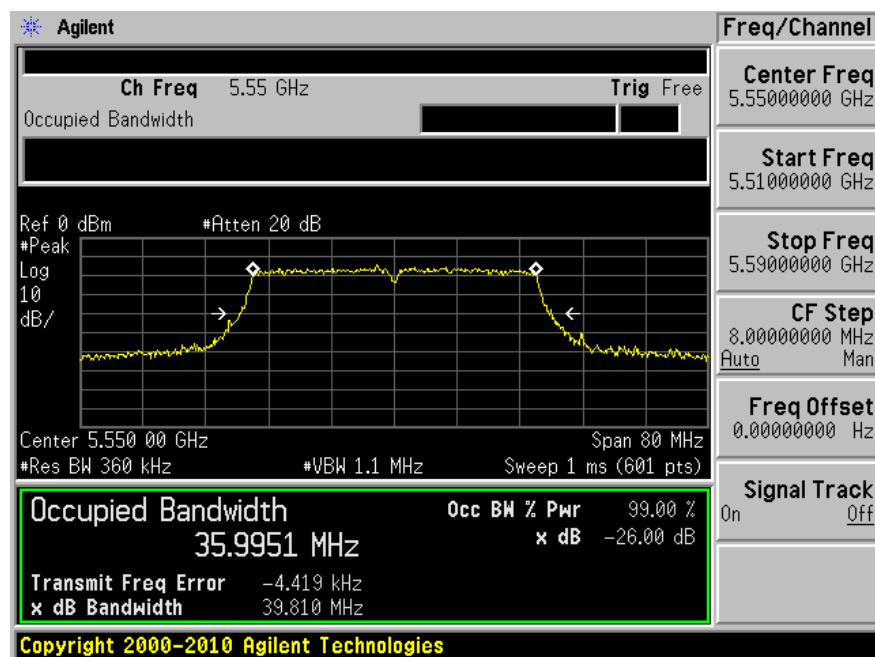


5550 MHz

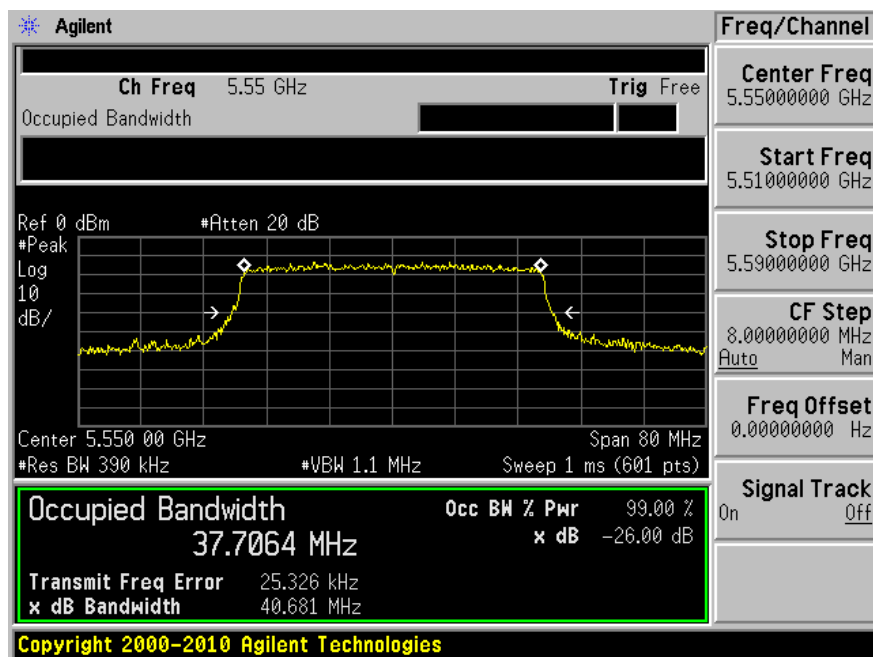
nonHT40, 6 to 54 Mbps



HT/VHT40, M0 to M7, M0.1 to M8.1

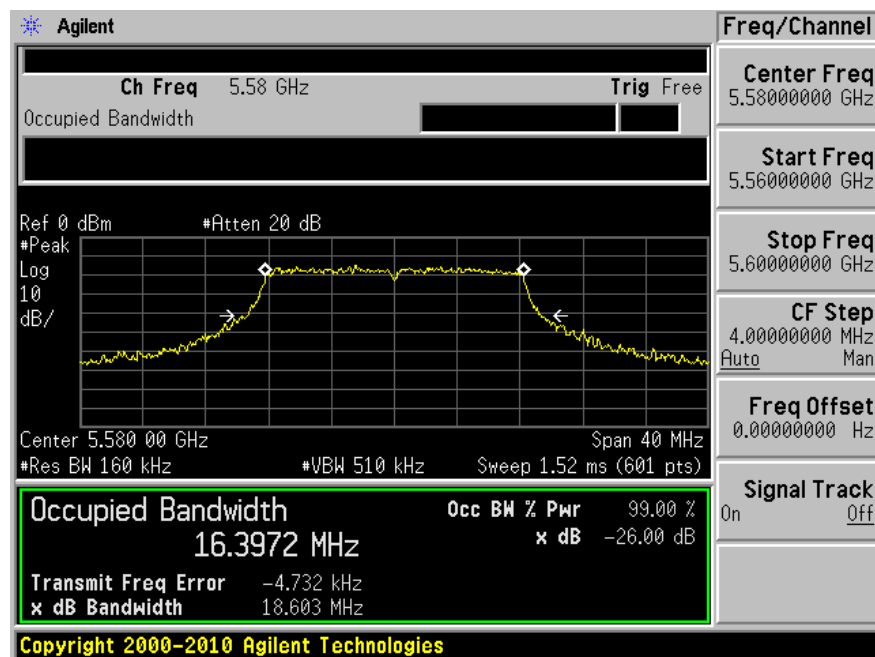


HE40, M0.1 to M11.1

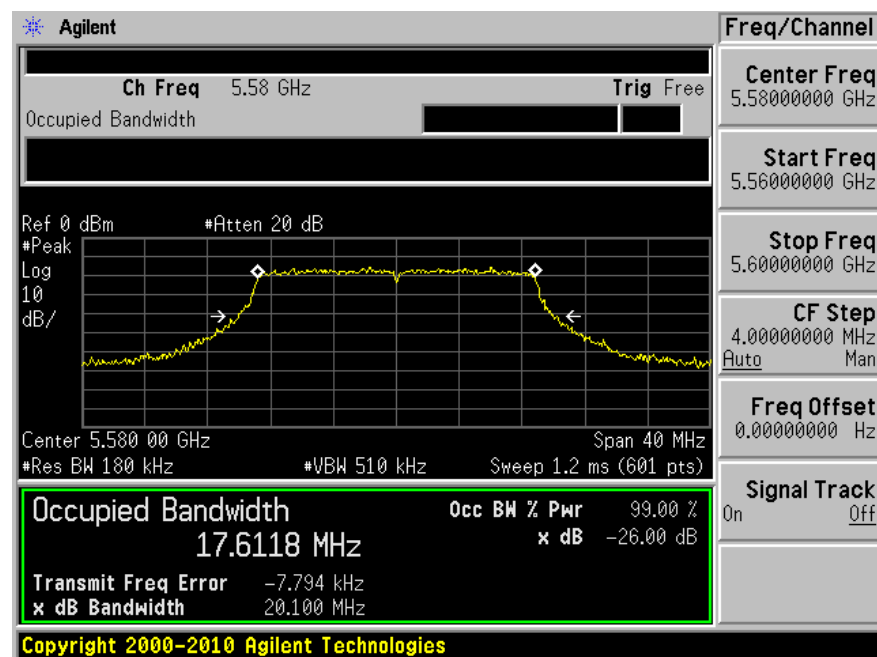


5580 MHz

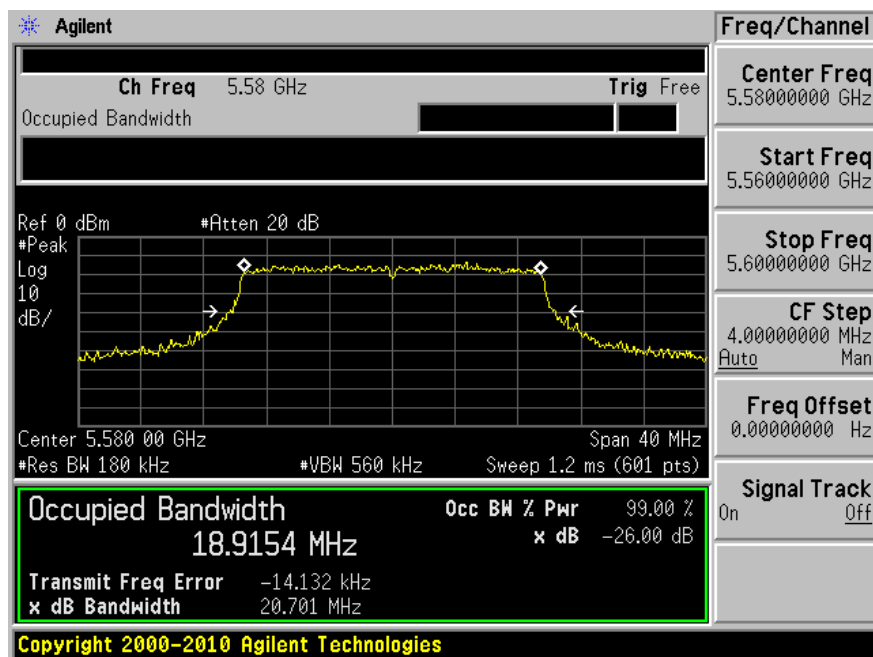
nonHT20, 6 to 54 Mbps



HT/VHT20, M0 to M7, M0.1 to M8.1



HE20, M0.1 to M11.1



## Test results for Output power

5500 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) | DCCF (dB) | Total conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps              | 1        | 6.00                          | 14.72                | -                    | -                    | -                    | 0.34      | 15.06                       | 23.98           | -8.92       |
| non HT20, 6 to 54 Mbps              | 2        | 6.00                          | 14.72                | 15.02                | -                    | -                    | 0.34      | 18.22                       | 23.98           | -5.76       |
| non HT20, 6 to 54 Mbps              | 3        | 6.00                          | 14.75                | 14.88                | 15.79                | -                    | 0.34      | 20.28                       | 23.98           | -3.70       |
| non HT20, 6 to 54 Mbps              | 4        | 6.00                          | 13.71                | 14.11                | 14.72                | 14.84                | 0.34      | 20.73                       | 23.98           | -3.25       |
| non HT20, 6 to 54 Mbps-BF           | 2        | 9.01                          | 13.64                | 14.06                | -                    | -                    | 0.34      | 17.21                       | 20.97           | -3.76       |
| non HT20, 6 to 54 Mbps-BF           | 3        | 10.77                         | 10.66                | 11.07                | 11.89                | -                    | 0.34      | 16.35                       | 19.21           | -2.86       |
| non HT20, 6 to 54 Mbps-BF           | 4        | 12.02                         | 7.48                 | 8.32                 | 8.67                 | 8.52                 | 0.34      | 14.63                       | 17.96           | -3.33       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 1        | 6.00                          | 14.51                | -                    | -                    | -                    | 0.18      | 14.69                       | 23.98           | -9.29       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 2        | 6.00                          | 14.43                | 14.93                | -                    | -                    | 0.18      | 17.87                       | 23.98           | -6.11       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 3        | 6.00                          | 11.41                | 12.31                | 12.80                | -                    | 0.18      | 17.16                       | 23.98           | -6.82       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 4        | 6.00                          | 8.26                 | 9.08                 | 9.54                 | 9.28                 | 0.18      | 15.26                       | 23.98           | -8.72       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 2        | 6.00                          | 14.71                | 14.82                | -                    | -                    | 0.18      | 17.96                       | 23.98           | -6.02       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 3        | 6.00                          | 14.68                | 14.88                | 15.63                | -                    | 0.18      | 20.04                       | 23.98           | -3.94       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 4        | 6.00                          | 10.65                | 11.01                | 11.90                | 11.73                | 0.18      | 17.55                       | 23.98           | -6.43       |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 3        | 6.00                          | 13.99                | 14.20                | 14.82                | -                    | 0.18      | 19.30                       | 23.98           | -4.68       |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 4        | 6.00                          | 12.19                | 12.36                | 12.51                | 12.72                | 0.18      | 18.65                       | 23.98           | -5.33       |
| HT/VHT20, M24 to M31, M0.4 to M8.4  | 4        | 6.00                          | 13.50                | 14.01                | 14.56                | 14.73                | 0.18      | 20.43                       | 23.98           | -3.55       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 2        | 9.01                          | 14.47                | 14.97                | -                    | -                    | 0.18      | 17.92                       | 20.97           | -3.05       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 3        | 10.77                         | 10.34                | 10.96                | 11.72                | -34.09               | 0.18      | 16.00                       | 19.21           | -3.21       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 4        | 12.02                         | 8.69                 | 9.38                 | 9.52                 | 9.63                 | 0.18      | 15.52                       | 17.96           | -2.44       |

|                                       |   |       |       |       |       |        |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|--------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 2 | 6.00  | 14.52 | 14.88 | -     | -      | 0.18 | 17.89 | 23.98 | -6.09 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 3 | 7.76  | 13.68 | 14.02 | 14.75 | -31.46 | 0.18 | 19.12 | 22.22 | -3.10 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | 8.64  | 9.13  | 9.55  | 9.45   | 0.18 | 15.41 | 20.97 | -5.56 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 13.91 | 14.66 | 15.15 | -      | 0.18 | 19.55 | 23.98 | -4.43 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 11.94 | 12.31 | 12.63 | 13.15  | 0.18 | 18.73 | 22.73 | -4.00 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 13.09 | 13.27 | 13.84 | 13.75  | 0.18 | 19.70 | 23.98 | -4.28 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 14.57 | 14.91 | -     | -      | 0.18 | 17.94 | 23.98 | -6.04 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 14.55 | 14.94 | 15.74 | -      | 0.18 | 20.06 | 23.98 | -3.92 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 13.44 | 13.90 | 14.68 | 14.72  | 0.18 | 20.42 | 23.98 | -3.56 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 14.91 | -     | -     | -      | 0.21 | 15.12 | 23.98 | -8.86 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 14.69 | 14.93 | -     | -      | 0.21 | 18.03 | 23.98 | -5.95 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 10.69 | 11.54 | 12.05 | -      | 0.21 | 16.44 | 23.98 | -7.54 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 7.59  | 8.24  | 8.96  | 8.73   | 0.21 | 14.64 | 23.98 | -9.34 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 14.96 | 14.92 | -     | -      | 0.21 | 18.16 | 23.98 | -5.82 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 13.76 | 14.06 | 14.79 | -      | 0.21 | 19.21 | 23.98 | -4.77 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 10.69 | 11.24 | 12.16 | 11.92  | 0.21 | 17.77 | 23.98 | -6.21 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 13.69 | 14.19 | 14.81 | -      | 0.21 | 19.24 | 23.98 | -4.74 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 12.66 | 13.15 | 13.91 | 13.96  | 0.21 | 19.69 | 23.98 | -4.29 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 13.94 | 14.31 | 14.88 | 14.76  | 0.21 | 20.72 | 23.98 | -3.26 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 13.74 | 14.18 | -     | -      | 0.21 | 17.19 | 20.97 | -3.78 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | 10.54 | 11.19 | 11.98 | -      | 0.21 | 16.26 | 19.21 | -2.95 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | 7.37  | 8.46  | 8.73  | 8.43   | 0.21 | 14.51 | 17.96 | -3.45 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 14.88 | 14.90 | -     | -      | 0.21 | 18.11 | 23.98 | -5.87 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 11.71 | 12.09 | 13.06 | -      | 0.21 | 17.31 | 22.22 | -4.91 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | 8.83  | 9.37  | 9.90  | 9.66   | 0.21 | 15.69 | 20.97 | -5.28 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 14.72 | 15.44 | 15.94 | -      | 0.21 | 20.38 | 23.98 | -3.60 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 12.61 | 13.19 | 13.97 | 14.06  | 0.21 | 19.73 | 22.73 | -3.00 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 13.77 | 14.16 | 15.04 | 15.02  | 0.21 | 20.77 | 23.98 | -3.21 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 14.99 | 15.14 | -     | -      | 0.21 | 18.18 | 23.98 | -5.80 |

|                      |   |      |       |       |       |       |      |       |       |       |
|----------------------|---|------|-------|-------|-------|-------|------|-------|-------|-------|
| HE20, M0 to M11-STBC | 3 | 6.00 | 13.84 | 14.10 | 14.91 | -     | 0.21 | 19.19 | 23.98 | -4.79 |
| HE20, M0 to M11-STBC | 4 | 6.00 | 12.58 | 13.14 | 14.03 | 13.97 | 0.21 | 19.60 | 23.98 | -4.38 |

5580 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 14.94                | -                    | -                    | -                    | 0.34      | 15.28                       | 23.98           | -8.70       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 14.98                | 14.76                | -                    | -                    | 0.34      | 18.22                       | 23.98           | -5.76       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 15.07                | 14.55                | 13.94                | -                    | 0.34      | 19.65                       | 23.98           | -4.33       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 15.04                | 14.74                | 13.92                | 14.44                | 0.34      | 20.91                       | 23.98           | -3.07       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 15.11                | 14.67                | -                    | -                    | 0.34      | 18.25                       | 20.97           | -2.72       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | 11.76                | 11.92                | 11.11                | -                    | 0.34      | 16.72                       | 19.21           | -2.49       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | 8.80                 | 8.51                 | 8.09                 | 8.33                 | 0.34      | 14.80                       | 17.96           | -3.16       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 14.88                | -                    | -                    | -                    | 0.18      | 15.06                       | 23.98           | -8.92       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | 14.83                | 14.65                | -                    | -                    | 0.18      | 17.93                       | 23.98           | -6.05       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | 10.92                | 10.77                | 10.80                | -                    | 0.18      | 15.78                       | 23.98           | -8.20       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | 7.76                 | 7.51                 | 7.68                 | 7.49                 | 0.18      | 13.81                       | 23.98           | -10.17      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 14.89                | 14.73                | -                    | -                    | 0.18      | 18.00                       | 23.98           | -5.98       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | 14.75                | 14.38                | 13.70                | -                    | 0.18      | 19.25                       | 23.98           | -4.73       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | 10.96                | 10.55                | 10.78                | 10.65                | 0.18      | 16.94                       | 23.98           | -7.04       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 14.16                | 14.16                | 13.37                | -                    | 0.18      | 18.86                       | 23.98           | -5.12       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | 14.07                | 13.26                | 13.08                | 13.93                | 0.18      | 19.81                       | 23.98           | -4.17       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 14.22                | 13.54                | 12.87                | 13.67                | 0.18      | 19.81                       | 23.98           | -4.17       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 14.76                | 14.66                | -                    | -                    | 0.18      | 17.90                       | 20.97           | -3.07       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | 11.65                | 11.50                | 10.87                | -38.06               | 0.18      | 16.30                       | 19.21           | -2.91       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | 9.73                 | 9.65                 | 9.11                 | 9.22                 | 0.18      | 15.63                       | 17.96           | -2.33       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 14.73                | 14.53                | -                    | -                    | 0.18      | 17.82                       | 23.98           | -6.16       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 14.80                | 14.35                | 13.69                | -37.13               | 0.18      | 19.25                       | 22.22           | -2.97       |

|                                       |   |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | 11.63 | 11.86 | 11.12 | 11.62 | 0.18 | 17.77 | 20.97 | -3.20 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 14.40 | 13.91 | 13.17 | -     | 0.18 | 18.81 | 23.98 | -5.17 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 13.86 | 13.46 | 13.32 | 13.82 | 0.18 | 19.82 | 22.73 | -2.91 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 14.31 | 14.01 | 13.38 | 13.74 | 0.18 | 20.08 | 23.98 | -3.90 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 14.91 | 14.54 | -     | -     | 0.18 | 17.92 | 23.98 | -6.06 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 14.77 | 14.73 | 13.43 | -     | 0.18 | 19.31 | 23.98 | -4.67 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 14.82 | 14.59 | 13.58 | 14.55 | 0.18 | 20.61 | 23.98 | -3.37 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 15.07 | -     | -     | -     | 0.21 | 15.28 | 23.98 | -8.70 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 14.89 | 15.02 | -     | -     | 0.21 | 18.17 | 23.98 | -5.81 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 11.02 | 11.00 | 11.06 | -     | 0.21 | 16.01 | 23.98 | -7.97 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 8.11  | 7.87  | 8.09  | 7.63  | 0.21 | 14.16 | 23.98 | -9.82 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 15.11 | 14.84 | -     | -     | 0.21 | 18.20 | 23.98 | -5.78 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 14.92 | 14.69 | 14.04 | -     | 0.21 | 19.55 | 23.98 | -4.43 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 12.11 | 12.05 | 12.09 | 11.96 | 0.21 | 18.28 | 23.98 | -5.70 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 15.23 | 14.85 | 14.06 | -     | 0.21 | 19.72 | 23.98 | -4.26 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 14.81 | 14.87 | 14.02 | 14.26 | 0.21 | 20.74 | 23.98 | -3.24 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 15.13 | 14.81 | 13.85 | 14.52 | 0.21 | 20.83 | 23.98 | -3.15 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 15.05 | 14.98 | -     | -     | 0.21 | 18.24 | 20.97 | -2.73 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | 12.84 | 12.61 | 11.95 | -     | 0.21 | 17.46 | 19.21 | -1.75 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | 9.85  | 9.61  | 8.94  | 9.31  | 0.21 | 15.67 | 17.96 | -2.29 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 15.20 | 14.65 | -     | -     | 0.21 | 18.15 | 23.98 | -5.83 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 15.29 | 14.61 | 14.25 | -     | 0.21 | 19.72 | 22.22 | -2.50 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | 11.93 | 11.59 | 11.42 | 11.65 | 0.21 | 17.88 | 20.97 | -3.09 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 15.21 | 14.75 | 13.86 | -     | 0.21 | 19.62 | 23.98 | -4.36 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 13.91 | 14.02 | 12.77 | 13.80 | 0.21 | 19.88 | 22.73 | -2.85 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 15.05 | 14.95 | 13.71 | 14.70 | 0.21 | 20.86 | 23.98 | -3.12 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 15.13 | 14.72 | -     | -     | 0.21 | 18.05 | 23.98 | -5.93 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | 14.99 | 14.91 | 13.60 | -     | 0.21 | 19.42 | 23.98 | -4.56 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | 15.02 | 14.57 | 13.52 | 14.50 | 0.21 | 20.57 | 23.98 | -3.41 |

**5700 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 14.81                | -                    | -                    | -                    | 0.34      | 15.05                       | 23.98           | -8.93       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 14.65                | 16.13                | -                    | -                    | 0.34      | 18.80                       | 23.98           | -5.18       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 14.66                | 16.28                | 16.44                | -                    | 0.34      | 20.98                       | 23.98           | -3.00       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 13.67                | 15.24                | 15.31                | 14.51                | 0.34      | 21.09                       | 23.98           | -2.89       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 13.67                | 15.31                | -                    | -                    | 0.34      | 17.91                       | 20.97           | -3.06       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | 11.61                | 11.07                | 11.13                | -                    | 0.34      | 16.39                       | 19.21           | -2.82       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | 8.44                 | 9.24                 | 9.15                 | 9.41                 | 0.34      | 15.44                       | 17.96           | -2.52       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 14.52                | -                    | -                    | -                    | 0.18      | 14.70                       | 23.98           | -9.28       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | 14.70                | 16.03                | -                    | -                    | 0.18      | 18.61                       | 23.98           | -5.37       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | 10.56                | 10.24                | 10.57                | -                    | 0.18      | 15.41                       | 23.98           | -8.57       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | 7.31                 | 7.46                 | 7.61                 | 7.66                 | 0.18      | 13.71                       | 23.98           | -10.27      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 14.50                | 16.02                | -                    | -                    | 0.18      | 18.52                       | 23.98           | -5.46       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | 14.57                | 15.56                | 14.14                | -                    | 0.18      | 19.75                       | 23.98           | -4.23       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | 14.57                | 10.24                | 11.97                | 12.04                | 0.18      | 18.69                       | 23.98           | -5.29       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 14.39                | 16.05                | 16.21                | -                    | 0.18      | 20.58                       | 23.98           | -3.40       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | 14.46                | 11.87                | 14.10                | 14.32                | 0.18      | 20.01                       | 23.98           | -3.97       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 14.71                | 13.11                | 15.24                | 15.37                | 0.18      | 20.89                       | 23.98           | -3.09       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 14.50                | 13.45                | -                    | -                    | 0.18      | 17.20                       | 20.97           | -3.77       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | 11.31                | 8.95                 | 11.31                | -39.77               | 0.18      | 15.61                       | 19.21           | -3.60       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | 8.36                 | 7.41                 | 9.16                 | 9.49                 | 0.18      | 14.88                       | 17.96           | -3.08       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 14.58                | 15.86                | -                    | -                    | 0.18      | 18.46                       | 23.98           | -5.52       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 13.05                | 15.08                | 15.28                | -36.64               | 0.18      | 19.53                       | 22.22           | -2.69       |

|                                       |   |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | 8.44  | 10.11 | 10.05 | 10.14 | 0.18 | 15.94 | 20.97 | -5.03 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 14.46 | 16.16 | 16.32 | -     | 0.18 | 20.68 | 23.98 | -3.30 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 12.17 | 14.10 | 14.13 | 13.25 | 0.18 | 19.68 | 22.73 | -3.05 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 13.35 | 15.05 | 15.18 | 15.16 | 0.18 | 20.95 | 23.98 | -3.03 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 14.49 | 16.14 | -     | -     | 0.18 | 18.58 | 23.98 | -5.40 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 14.70 | 16.18 | 16.36 | -     | 0.18 | 20.76 | 23.98 | -3.22 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 13.61 | 15.15 | 15.38 | 15.34 | 0.18 | 21.13 | 23.98 | -2.85 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 14.95 | -     | -     | -     | 0.21 | 15.16 | 23.98 | -8.82 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 14.80 | 16.24 | -     | -     | 0.21 | 18.80 | 23.98 | -5.18 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 9.84  | 9.48  | 9.88  | -     | 0.21 | 14.72 | 23.98 | -9.26 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 7.65  | 7.81  | 7.65  | 7.95  | 0.21 | 14.00 | 23.98 | -9.98 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 14.81 | 16.31 | -     | -     | 0.21 | 18.85 | 23.98 | -5.13 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 14.80 | 16.21 | 14.63 | -     | 0.21 | 20.25 | 23.98 | -3.73 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 10.98 | 10.57 | 10.88 | 10.46 | 0.21 | 16.96 | 23.98 | -7.02 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 13.73 | 15.40 | 15.65 | -     | 0.21 | 19.99 | 23.98 | -3.99 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 13.82 | 15.34 | 14.59 | 13.67 | 0.21 | 20.64 | 23.98 | -3.34 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 13.80 | 15.41 | 15.71 | 15.60 | 0.21 | 21.42 | 23.98 | -2.56 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 13.83 | 15.42 | -     | -     | 0.21 | 17.92 | 20.97 | -3.05 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | 11.57 | 10.60 | 12.59 | -     | 0.21 | 16.65 | 19.21 | -2.56 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | 7.34  | 9.27  | 9.36  | 9.61  | 0.21 | 15.21 | 17.96 | -2.75 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 14.78 | 16.13 | -     | -     | 0.21 | 18.73 | 23.98 | -5.25 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 11.63 | 13.19 | 13.38 | -     | 0.21 | 17.78 | 22.22 | -4.44 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | 8.57  | 10.26 | 10.40 | 10.53 | 0.21 | 16.24 | 20.97 | -4.73 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 15.04 | 16.34 | 16.57 | -     | 0.21 | 21.02 | 23.98 | -2.96 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 12.77 | 14.56 | 14.45 | 13.65 | 0.21 | 20.14 | 22.73 | -2.59 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 13.83 | 15.52 | 15.71 | 15.75 | 0.21 | 21.50 | 23.98 | -2.48 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 14.88 | 16.25 | -     | -     | 0.21 | 18.74 | 23.98 | -5.24 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | 13.91 | 15.42 | 15.67 | -     | 0.21 | 19.94 | 23.98 | -4.04 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | 12.85 | 14.36 | 14.58 | 14.60 | 0.21 | 20.28 | 23.98 | -3.70 |

5720 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 14.84                | -                    | -                    | -                    | 0.34      | 15.18                       | 23.98           | -8.80       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 14.84                | 14.55                | -                    | -                    | 0.34      | 18.05                       | 23.98           | -5.93       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 13.73                | 13.64                | 13.81                | -                    | 0.34      | 18.84                       | 23.98           | -5.14       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 12.75                | 12.65                | 12.74                | 12.72                | 0.34      | 19.08                       | 23.98           | -4.90       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 12.71                | 12.47                | -                    | -                    | 0.34      | 15.94                       | 20.97           | -5.03       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | 9.72                 | 9.65                 | 9.67                 | -                    | 0.34      | 14.79                       | 19.21           | -4.42       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | 6.90                 | 6.85                 | 6.20                 | 6.77                 | 0.34      | 13.05                       | 17.96           | -4.91       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 15.02                | -                    | -                    | -                    | 0.18      | 15.20                       | 23.98           | -8.78       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | 14.97                | 14.57                | -                    | -                    | 0.18      | 17.97                       | 23.98           | -6.01       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | 9.68                 | 9.50                 | 9.65                 | -                    | 0.18      | 14.56                       | 23.98           | -9.42       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | 6.85                 | 6.94                 | 6.38                 | 6.79                 | 0.18      | 12.94                       | 23.98           | -11.04      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 14.65                | 14.38                | -                    | -                    | 0.18      | 17.70                       | 23.98           | -6.28       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | 12.51                | 12.39                | 12.78                | -                    | 0.18      | 17.52                       | 23.98           | -6.46       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | 9.63                 | 9.36                 | 9.42                 | 9.50                 | 0.18      | 15.68                       | 23.98           | -8.30       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 14.75                | 14.47                | 14.53                | -                    | 0.18      | 19.54                       | 23.98           | -4.44       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | 11.25                | 11.35                | 11.69                | 11.66                | 0.18      | 17.69                       | 23.98           | -6.29       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 12.79                | 12.38                | 12.53                | 12.48                | 0.18      | 18.75                       | 23.98           | -5.23       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 12.76                | 12.51                | -                    | -                    | 0.18      | 15.83                       | 20.97           | -5.14       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | 9.54                 | 9.87                 | 9.81                 | -                    | 0.18      | 14.69                       | 19.21           | -4.52       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | 6.84                 | 6.65                 | 6.13                 | 6.73                 | 0.18      | 12.80                       | 17.96           | -5.16       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 14.62                | 14.67                | -                    | -                    | 0.18      | 17.84                       | 23.98           | -6.14       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 12.42                | 11.95                | 12.55                | -                    | 0.18      | 17.27                       | 22.22           | -4.95       |

|                                       |   |       |       |       |       |       |      |       |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | 8.44  | 8.69  | 8.40  | 8.25  | 0.18 | 14.65 | 20.97 | -6.32  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 14.90 | 14.44 | 14.69 | -     | 0.18 | 19.63 | 23.98 | -4.35  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 11.74 | 10.90 | 11.59 | 11.75 | 0.18 | 17.71 | 22.73 | -5.02  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 12.75 | 12.60 | 12.91 | 12.53 | 0.18 | 18.90 | 23.98 | -5.08  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 14.88 | 14.38 | -     | -     | 0.18 | 17.83 | 23.98 | -6.15  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 14.98 | 14.81 | 14.54 | -     | 0.18 | 19.73 | 23.98 | -4.25  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 12.82 | 12.57 | 12.77 | 12.54 | 0.18 | 18.88 | 23.98 | -5.10  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 15.20 | -     | -     | -     | 0.21 | 15.41 | 23.98 | -8.57  |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | 15.33 | 14.91 | -     | -     | 0.21 | 18.35 | 23.98 | -5.63  |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | 9.92  | 9.86  | 10.04 | -     | 0.21 | 14.92 | 23.98 | -9.06  |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | 7.39  | 6.98  | 6.56  | 7.18  | 0.21 | 13.27 | 23.98 | -10.71 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 15.33 | 14.86 | -     | -     | 0.21 | 18.32 | 23.98 | -5.66  |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | 13.06 | 13.04 | 12.94 | -     | 0.21 | 18.00 | 23.98 | -5.98  |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | 9.90  | 9.98  | 9.79  | 10.07 | 0.21 | 16.17 | 23.98 | -7.81  |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 14.22 | 13.89 | 14.07 | -     | 0.21 | 19.04 | 23.98 | -4.94  |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | 11.98 | 11.88 | 11.88 | 12.04 | 0.21 | 18.18 | 23.98 | -5.80  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 13.10 | 12.83 | 12.99 | 12.96 | 0.21 | 19.20 | 23.98 | -4.78  |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 13.13 | 12.81 | -     | -     | 0.21 | 16.19 | 20.97 | -4.78  |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | 9.97  | 9.76  | 9.99  | -     | 0.21 | 14.89 | 19.21 | -4.32  |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | 7.21  | 7.06  | 6.44  | 6.99  | 0.21 | 13.16 | 17.96 | -4.80  |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 15.23 | 14.91 | -     | -     | 0.21 | 18.29 | 23.98 | -5.69  |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 12.09 | 11.71 | 12.10 | -     | 0.21 | 16.95 | 22.22 | -5.27  |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | 9.13  | 9.07  | 8.72  | 8.64  | 0.21 | 15.13 | 20.97 | -5.84  |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 15.25 | 14.91 | 15.00 | -     | 0.21 | 20.04 | 23.98 | -3.94  |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 12.05 | 11.91 | 12.06 | 11.99 | 0.21 | 18.23 | 22.73 | -4.50  |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 13.15 | 12.90 | 13.05 | 12.83 | 0.21 | 19.22 | 23.98 | -4.76  |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 15.29 | 14.76 | -     | -     | 0.21 | 18.15 | 23.98 | -5.83  |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | 13.98 | 13.72 | 14.07 | -     | 0.21 | 18.81 | 23.98 | -5.17  |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | 13.11 | 12.80 | 13.05 | 12.73 | 0.21 | 19.06 | 23.98 | -4.92  |

5510 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 13.46                | -                    | -                    | -                    | 0.27      | 13.73                       | 23.98           | -10.25      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 12.46                | 13.16                | -                    | -                    | 0.27      | 16.10                       | 23.98           | -7.88       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 11.54                | 12.09                | 12.75                | -                    | 0.27      | 17.20                       | 23.98           | -6.78       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 10.46                | 11.16                | 11.77                | 11.74                | 0.27      | 17.60                       | 23.98           | -6.38       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 14.87                | -                    | -                    | -                    | 0.22      | 15.09                       | 23.98           | -8.89       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | 13.80                | 14.10                | -                    | -                    | 0.22      | 17.18                       | 23.98           | -6.80       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | 12.52                | 13.40                | 13.71                | -                    | 0.22      | 18.23                       | 23.98           | -5.75       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | 10.63                | 11.21                | 12.30                | 12.08                | 0.22      | 17.85                       | 23.98           | -6.13       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 13.19                | 13.22                | -                    | -                    | 0.22      | 16.44                       | 23.98           | -7.54       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | 12.99                | 13.37                | 13.98                | -                    | 0.22      | 18.46                       | 23.98           | -5.52       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | 12.05                | 13.02                | 13.40                | 13.01                | 0.22      | 19.14                       | 23.98           | -4.84       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 12.95                | 13.48                | 14.14                | -                    | 0.22      | 18.54                       | 23.98           | -5.44       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | 11.78                | 12.72                | 13.63                | 13.54                | 0.22      | 19.22                       | 23.98           | -4.76       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 12.12                | 11.86                | 13.46                | 13.64                | 0.22      | 19.08                       | 23.98           | -4.90       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 12.59                | 13.03                | -                    | -                    | 0.22      | 16.05                       | 20.97           | -4.92       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | 9.54                 | 10.08                | 11.05                | -                    | 0.22      | 15.26                       | 19.21           | -3.95       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | 8.54                 | 8.39                 | 8.98                 | 8.85                 | 0.22      | 14.94                       | 17.96           | -3.02       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 12.86                | 13.45                | -                    | -                    | 0.22      | 16.40                       | 23.98           | -7.58       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 11.89                | 12.53                | 13.38                | -                    | 0.22      | 17.63                       | 22.22           | -4.59       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | 7.83                 | 8.82                 | 9.49                 | 9.49                 | 0.22      | 15.20                       | 20.97           | -5.77       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 13.36                | 13.44                | 14.42                | -                    | 0.22      | 18.76                       | 23.98           | -5.22       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | 10.53                | 11.67                | 12.45                | 12.88                | 0.22      | 18.21                       | 22.73           | -4.52       |

|                                       |   |       |       |       |       |       |      |       |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 12.02 | 12.41 | 13.41 | 13.65 | 0.22 | 19.16 | 23.98 | -4.82  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 13.20 | 14.06 | -     | -     | 0.22 | 16.88 | 23.98 | -7.10  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 13.17 | 13.62 | 14.58 | -     | 0.22 | 18.82 | 23.98 | -5.16  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 11.68 | 12.60 | 13.15 | 13.43 | 0.22 | 19.01 | 23.98 | -4.97  |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 13.64 | -     | -     | -     | 0.22 | 13.86 | 23.98 | -10.12 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | 12.88 | 13.33 | -     | -     | 0.22 | 16.34 | 23.98 | -7.64  |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | 13.00 | 13.36 | 14.25 | -     | 0.22 | 18.56 | 23.98 | -5.42  |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | 10.63 | 11.14 | 12.34 | 12.18 | 0.22 | 17.87 | 23.98 | -6.11  |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 13.95 | 14.21 | -     | -     | 0.22 | 17.31 | 23.98 | -6.67  |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | 12.67 | 13.36 | 14.10 | -     | 0.22 | 18.41 | 23.98 | -5.57  |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | 11.67 | 12.37 | 13.37 | 13.33 | 0.22 | 18.98 | 23.98 | -5.00  |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 13.06 | 13.41 | 14.03 | -     | 0.22 | 18.51 | 23.98 | -5.47  |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | 11.75 | 12.53 | 13.22 | 13.00 | 0.22 | 18.90 | 23.98 | -5.08  |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 11.92 | 12.16 | 13.17 | 13.14 | 0.22 | 18.87 | 23.98 | -5.11  |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 11.89 | 12.29 | -     | -     | 0.22 | 15.33 | 20.97 | -5.64  |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | 8.68  | 9.63  | 10.23 | -     | 0.22 | 14.55 | 19.21 | -4.66  |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | 7.81  | 8.62  | 9.17  | 8.92  | 0.22 | 14.90 | 17.96 | -3.06  |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 13.86 | 14.21 | -     | -     | 0.22 | 17.27 | 23.98 | -6.71  |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | 11.77 | 12.24 | 13.30 | -     | 0.22 | 17.48 | 22.22 | -4.74  |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | 8.64  | 9.57  | 10.34 | 10.24 | 0.22 | 15.99 | 20.97 | -4.98  |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 12.91 | 13.07 | 14.24 | -     | 0.22 | 18.44 | 23.98 | -5.54  |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | 10.75 | 11.64 | 12.20 | 12.17 | 0.22 | 17.97 | 22.73 | -4.76  |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 11.80 | 12.31 | 13.47 | 13.19 | 0.22 | 18.99 | 23.98 | -4.99  |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 13.65 | 14.09 | -     | -     | 0.22 | 17.11 | 23.98 | -6.87  |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 12.78 | 13.24 | 13.96 | -     | 0.22 | 18.35 | 23.98 | -5.63  |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 11.92 | 12.40 | 13.13 | 13.16 | 0.22 | 18.93 | 23.98 | -5.05  |

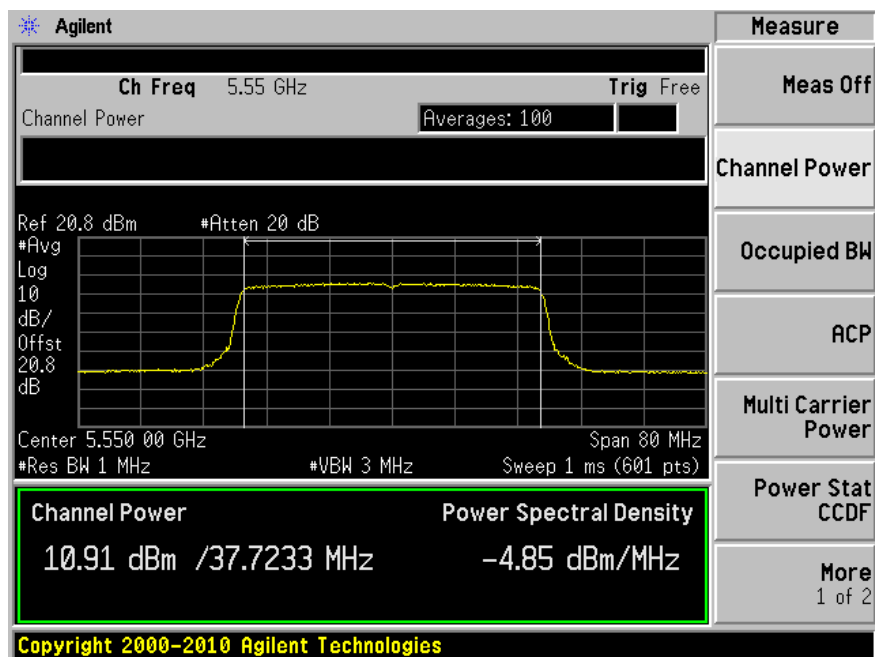
5550 MHz:

| 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 14.56                | -                    | -                    | -                    | 0.3       | 14.83                       | 23.98           | -9.15       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 14.67                | 14.56                | -                    | -                    | 0.3       | 17.90                       | 23.98           | -6.08       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 14.65                | 14.46                | 13.41                | -                    | 0.3       | 19.24                       | 23.98           | -4.74       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 14.61                | 14.42                | 13.47                | 14.58                | 0.3       | 20.59                       | 23.98           | -3.39       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 14.95                | -                    | -                    | -                    | 0.2       | 15.17                       | 23.98           | -8.81       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | 14.97                | 14.60                | -                    | -                    | 0.2       | 18.02                       | 23.98           | -5.96       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | 14.94                | 14.67                | 14.91                | -                    | 0.2       | 19.83                       | 23.98           | -4.15       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | 10.74                | 10.96                | 11.04                | 11.04                | 0.2       | 17.19                       | 23.98           | -6.79       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 14.54                | 14.03                | -                    | -                    | 0.2       | 17.52                       | 23.98           | -6.46       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | 13.97                | 13.46                | 13.07                | -                    | 0.2       | 18.51                       | 23.98           | -5.47       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | 13.92                | 13.92                | 15.12                | 13.88                | 0.2       | 20.48                       | 23.98           | -3.50       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 14.11                | 13.72                | 13.32                | -                    | 0.2       | 18.72                       | 23.98           | -5.26       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | 13.77                | 14.02                | 13.53                | 14.01                | 0.2       | 20.08                       | 23.98           | -3.90       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 14.28                | 14.11                | 13.30                | 14.00                | 0.2       | 20.18                       | 23.98           | -3.80       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 14.85                | 14.79                | -                    | -                    | 0.2       | 18.05                       | 20.97           | -2.92       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | 13.03                | 12.50                | 12.32                | -                    | 0.2       | 17.62                       | 19.21           | -1.59       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | 10.06                | 9.78                 | 9.29                 | 9.84                 | 0.2       | 15.99                       | 17.96           | -1.97       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 14.56                | 13.98                | -                    | -                    | 0.2       | 17.51                       | 23.98           | -6.47       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 14.05                | 14.01                | 13.65                | -                    | 0.2       | 18.90                       | 22.22           | -3.32       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | 13.05                | 13.01                | 12.61                | 13.01                | 0.2       | 19.16                       | 20.97           | -1.81       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 14.61                | 14.14                | 13.44                | -                    | 0.2       | 19.08                       | 23.98           | -4.90       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | 14.01                | 14.24                | 12.97                | 14.36                | 0.2       | 20.17                       | 22.73           | -2.56       |

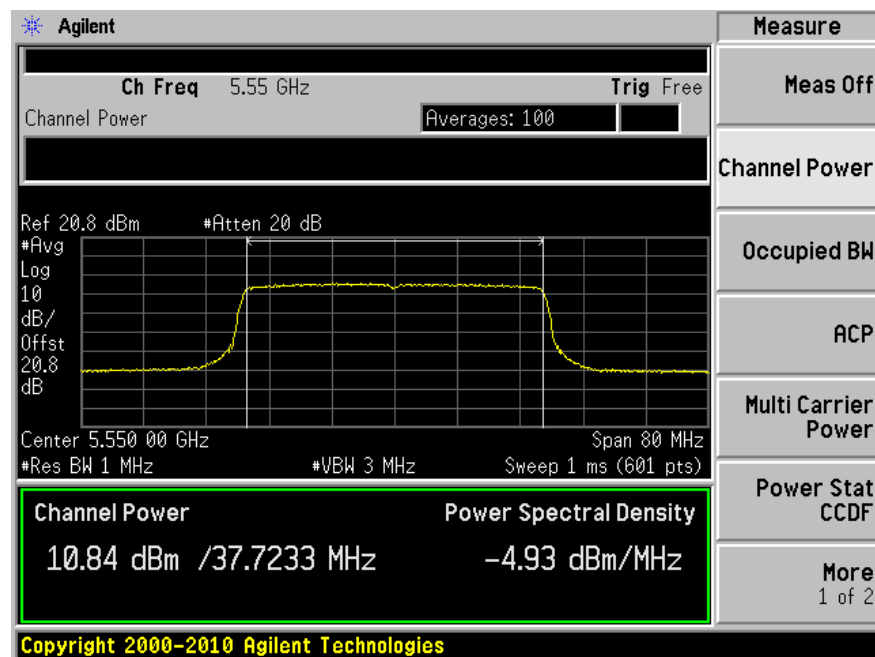
|                                       |          |              |              |              |              |              |            |              |              |              |
|---------------------------------------|----------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4        | 6.00         | 14.27        | 14.24        | 13.76        | 14.17        | 0.2        | 20.36        | 23.98        | -3.62        |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2        | 6.00         | 14.36        | 13.96        | -            | -            | 0.2        | 17.39        | 23.98        | -6.59        |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3        | 6.00         | 14.04        | 13.88        | 13.28        | -            | 0.2        | 18.74        | 23.98        | -5.24        |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4        | 6.00         | 14.15        | 14.18        | 13.41        | 14.11        | 0.2        | 20.21        | 23.98        | -3.77        |
| HE40, M0.1 to M11.1                   | 1        | 6.00         | 15.10        | -            | -            | -            | 0.2        | 15.32        | 23.98        | -8.66        |
| HE40, M0.1 to M11.1                   | 2        | 6.00         | 15.08        | 14.93        | -            | -            | 0.2        | 18.24        | 23.98        | -5.74        |
| HE40, M0.1 to M11.1                   | 3        | 6.00         | 15.01        | 14.61        | 14.33        | -            | 0.2        | 19.65        | 23.98        | -4.33        |
| HE40, M0.1 to M11.1                   | 4        | 6.00         | 11.18        | 11.33        | 11.32        | 11.39        | 0.2        | 17.55        | 23.98        | -6.43        |
| HE40, M0.2 to M11.2                   | 2        | 6.00         | 14.95        | 14.88        | -            | -            | 0.2        | 18.15        | 23.98        | -5.83        |
| HE40, M0.2 to M11.2                   | 3        | 6.00         | 14.93        | 14.82        | 14.32        | -            | 0.2        | 19.69        | 23.98        | -4.29        |
| HE40, M0.2 to M11.2                   | 4        | 6.00         | 15.17        | 14.99        | 14.33        | 15.00        | 0.2        | 21.12        | 23.98        | -2.86        |
| HE40, M0.3 to M11.3                   | 3        | 6.00         | 14.96        | 14.77        | 14.08        | -            | 0.2        | 19.61        | 23.98        | -4.37        |
| HE40, M0.3 to M11.3                   | 4        | 6.00         | 14.98        | 14.96        | 14.25        | 15.00        | 0.2        | 21.05        | 23.98        | -2.93        |
| HE40, M0.4 to M11.4                   | 4        | 6.00         | 15.13        | 14.86        | 14.21        | 14.90        | 0.2        | 21.03        | 23.98        | -2.95        |
| HE40, M0.1 to M11.1-BF                | 2        | 9.01         | 14.96        | 15.00        | -            | -            | 0.2        | 18.21        | 20.97        | -2.76        |
| HE40, M0.1 to M11.1-BF                | 3        | 10.77        | 13.05        | 13.05        | 14.28        | -            | 0.2        | 18.49        | 19.21        | -0.72        |
| <b>HE40, M0.1 to M11.1-BF</b>         | <b>4</b> | <b>12.02</b> | <b>10.91</b> | <b>10.84</b> | <b>12.40</b> | <b>12.50</b> | <b>0.2</b> | <b>17.95</b> | <b>17.96</b> | <b>-0.01</b> |
| HE40, M0.2 to M11.2-BF                | 2        | 6.00         | 15.04        | 14.97        | -            | -            | 0.2        | 18.23        | 23.98        | -5.75        |
| HE40, M0.2 to M11.2-BF                | 3        | 7.76         | 14.97        | 14.81        | 14.30        | -            | 0.2        | 19.69        | 22.22        | -2.53        |
| HE40, M0.2 to M11.2-BF                | 4        | 9.01         | 13.89        | 13.96        | 13.27        | 14.12        | 0.2        | 20.06        | 20.97        | -0.91        |
| HE40, M0.3 to M11.3-BF                | 3        | 6.00         | 15.12        | 14.67        | 14.05        | -            | 0.2        | 19.63        | 23.98        | -4.35        |
| HE40, M0.3 to M11.3-BF                | 4        | 7.25         | 15.00        | 14.88        | 14.21        | 15.02        | 0.2        | 21.03        | 22.73        | -1.70        |
| HE40, M0.4 to M11.4-BF                | 4        | 6.00         | 15.02        | 15.03        | 14.31        | 14.85        | 0.2        | 21.05        | 23.98        | -2.93        |
| HE40, M0 to M11-STBC                  | 2        | 6.00         | 15.23        | 14.89        | -            | -            | 0.2        | 18.29        | 23.98        | -5.69        |
| HE40, M0 to M11-STBC                  | 3        | 6.00         | 14.95        | 14.65        | 14.39        | -            | 0.2        | 19.66        | 23.98        | -4.32        |
| HE40, M0 to M11-STBC                  | 4        | 6.00         | 14.80        | 14.88        | 14.42        | 14.91        | 0.2        | 21.00        | 23.98        | -2.98        |

Please refer to the following plots for the worst case configuration

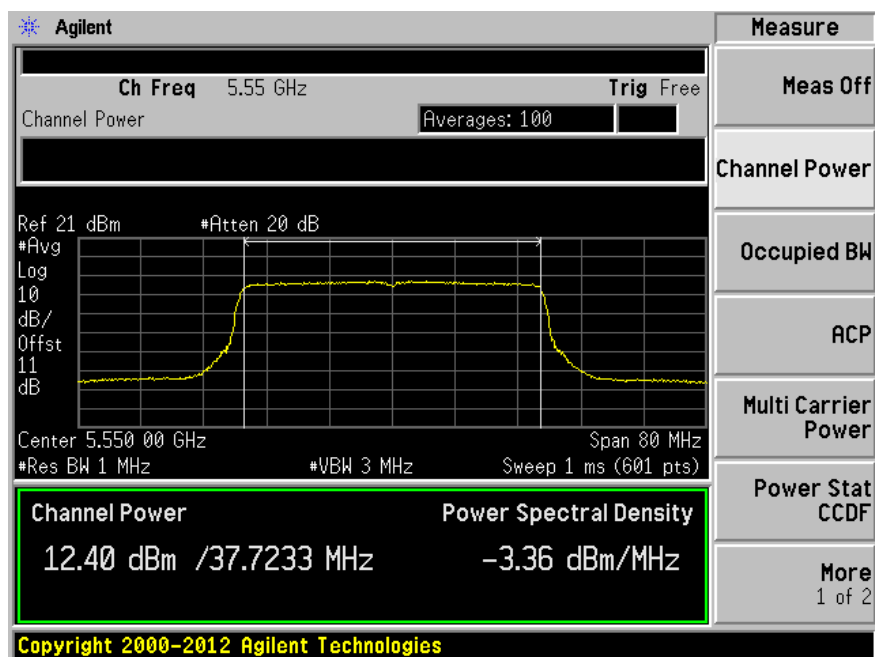
Ant-a



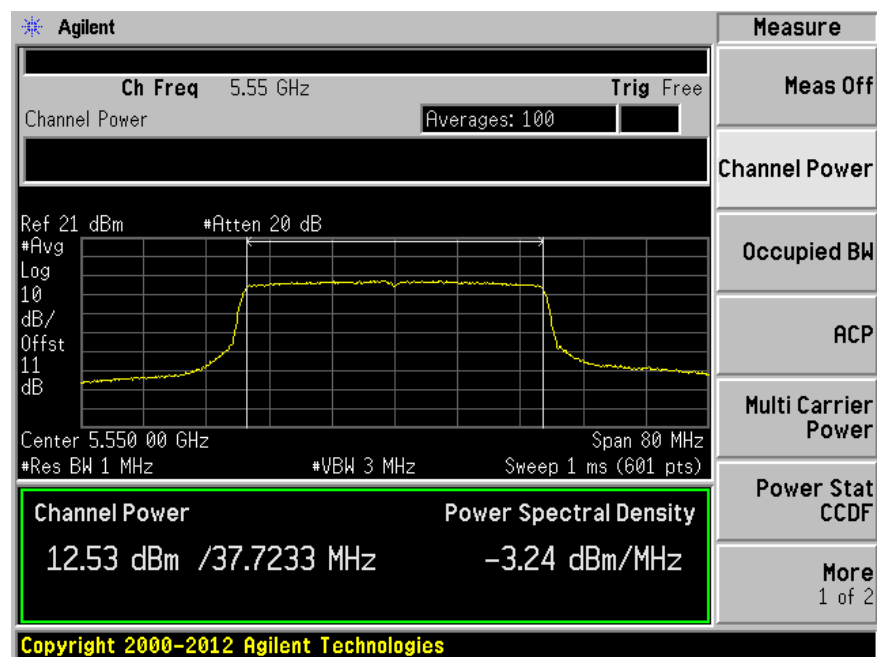
Ant-b



Ant-c



Ant-d



5670 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 14.84                | -                    | -                    | -                    | 0.27      | 15.11                       | 23.98           | -8.87       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 14.77                | 14.55                | -                    | -                    | 0.27      | 17.94                       | 23.98           | -6.04       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 14.91                | 14.50                | 14.51                | -                    | 0.27      | 19.69                       | 23.98           | -4.29       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 14.92                | 14.49                | 14.56                | 14.74                | 0.27      | 20.97                       | 23.98           | -3.01       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 14.95                | -                    | -                    | -                    | 0.22      | 15.17                       | 23.98           | -8.81       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | 14.93                | 14.71                | -                    | -                    | 0.22      | 18.05                       | 23.98           | -5.93       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | 12.69                | 12.72                | 12.65                | -                    | 0.22      | 17.68                       | 23.98           | -6.30       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | 10.83                | 10.52                | 10.58                | 10.80                | 0.22      | 16.93                       | 23.98           | -7.05       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 15.15                | 14.61                | -                    | -                    | 0.22      | 18.12                       | 23.98           | -5.86       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | 14.95                | 14.47                | 14.59                | -                    | 0.22      | 19.67                       | 23.98           | -4.31       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | 12.93                | 12.62                | 12.62                | 13.03                | 0.22      | 19.04                       | 23.98           | -4.94       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 15.24                | 14.58                | 14.71                | -                    | 0.22      | 19.84                       | 23.98           | -4.14       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | 13.76                | 13.72                | 13.51                | 13.90                | 0.22      | 19.97                       | 23.98           | -4.01       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 15.02                | 14.77                | 14.62                | 14.85                | 0.22      | 21.06                       | 23.98           | -2.92       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 14.80                | 14.80                | -                    | -                    | 0.22      | 18.03                       | 20.97           | -2.94       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | 10.86                | 10.44                | 10.62                | -                    | 0.22      | 15.63                       | 19.21           | -3.58       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | 9.01                 | 8.65                 | 8.63                 | 8.92                 | 0.22      | 15.05                       | 17.96           | -2.91       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 15.12                | 14.70                | -                    | -                    | 0.22      | 18.15                       | 23.98           | -5.83       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 13.77                | 13.57                | 13.82                | -                    | 0.22      | 18.71                       | 22.22           | -3.51       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | 12.01                | 11.52                | 11.47                | 11.86                | 0.22      | 17.96                       | 20.97           | -3.01       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 14.90                | 14.64                | 14.90                | -                    | 0.22      | 19.81                       | 23.98           | -4.17       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | 13.69                | 13.53                | 13.79                | 13.87                | 0.22      | 19.96                       | 22.73           | -2.77       |

|                                       |   |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 15.05 | 14.75 | 14.75 | 14.85 | 0.22 | 21.09 | 23.98 | -2.89 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 15.18 | 14.84 | -     | -     | 0.22 | 18.24 | 23.98 | -5.74 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 14.73 | 14.55 | 14.76 | -     | 0.22 | 19.67 | 23.98 | -4.31 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 14.81 | 14.53 | 14.64 | 14.84 | 0.22 | 20.95 | 23.98 | -3.03 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 15.28 | -     | -     | -     | 0.22 | 15.50 | 23.98 | -8.48 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | 15.30 | 14.99 | -     | -     | 0.22 | 18.38 | 23.98 | -5.60 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | 13.10 | 12.85 | 13.13 | -     | 0.22 | 18.02 | 23.98 | -5.96 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | 10.17 | 9.86  | 9.85  | 10.19 | 0.22 | 16.26 | 23.98 | -7.72 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 15.32 | 14.98 | -     | -     | 0.22 | 18.38 | 23.98 | -5.60 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | 15.24 | 14.91 | 15.12 | -     | 0.22 | 20.08 | 23.98 | -3.90 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | 13.05 | 12.97 | 13.09 | 13.13 | 0.22 | 19.30 | 23.98 | -4.68 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 15.33 | 14.95 | 14.81 | -     | 0.22 | 20.03 | 23.98 | -3.95 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | 15.20 | 15.04 | 15.17 | 15.24 | 0.22 | 21.40 | 23.98 | -2.58 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 15.43 | 14.94 | 15.05 | 15.12 | 0.22 | 21.38 | 23.98 | -2.60 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 15.29 | 14.95 | -     | -     | 0.22 | 18.35 | 20.97 | -2.62 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | 11.18 | 10.83 | 11.02 | -     | 0.22 | 16.00 | 19.21 | -3.21 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | 9.27  | 8.89  | 8.82  | 9.15  | 0.22 | 15.28 | 17.96 | -2.68 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 15.34 | 15.04 | -     | -     | 0.22 | 18.42 | 23.98 | -5.56 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | 15.19 | 14.94 | 14.99 | -     | 0.22 | 20.03 | 22.22 | -2.19 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | 12.18 | 11.72 | 12.04 | 12.11 | 0.22 | 18.26 | 20.97 | -2.71 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 15.31 | 14.86 | 14.99 | -     | 0.22 | 20.05 | 23.98 | -3.93 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | 14.18 | 13.84 | 14.10 | 14.16 | 0.22 | 20.31 | 22.73 | -2.42 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 15.26 | 14.88 | 15.10 | 15.00 | 0.22 | 21.30 | 23.98 | -2.68 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 15.44 | 15.09 | -     | -     | 0.22 | 18.50 | 23.98 | -5.48 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 15.16 | 14.90 | 15.03 | -     | 0.22 | 20.02 | 23.98 | -3.96 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 15.31 | 14.90 | 14.98 | 15.25 | 0.22 | 21.35 | 23.98 | -2.63 |

5710 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 14.91                | -                    | -                    | -                    | 0.27      | 15.18                       | 23.98           | -8.80       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 14.73                | 14.52                | -                    | -                    | 0.27      | 17.91                       | 23.98           | -6.07       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 14.81                | 14.53                | 14.70                | -                    | 0.27      | 19.72                       | 23.98           | -4.26       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 14.85                | 14.55                | 14.70                | 14.67                | 0.27      | 20.99                       | 23.98           | -2.99       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 14.62                | -                    | -                    | -                    | 0.22      | 14.84                       | 23.98           | -9.14       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | 14.75                | 14.52                | -                    | -                    | 0.22      | 17.87                       | 23.98           | -6.11       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | 12.87                | 12.54                | 12.85                | -                    | 0.22      | 17.75                       | 23.98           | -6.23       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | 9.85                 | 9.25                 | 9.79                 | 9.44                 | 0.22      | 15.83                       | 23.98           | -8.15       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 15.01                | 14.49                | -                    | -                    | 0.22      | 17.99                       | 23.98           | -5.99       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | 14.97                | 14.42                | 14.79                | -                    | 0.22      | 19.73                       | 23.98           | -4.25       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | 13.04                | 12.63                | 12.93                | 13.03                | 0.22      | 19.15                       | 23.98           | -4.83       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 15.00                | 14.52                | 14.73                | -                    | 0.22      | 19.75                       | 23.98           | -4.23       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | 13.71                | 13.50                | 13.89                | 13.85                | 0.22      | 19.98                       | 23.98           | -4.00       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 15.03                | 14.33                | 15.09                | 14.83                | 0.22      | 21.07                       | 23.98           | -2.91       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 14.93                | 14.52                | -                    | -                    | 0.22      | 17.96                       | 20.97           | -3.01       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | 10.61                | 10.25                | 10.66                | -                    | 0.22      | 15.50                       | 19.21           | -3.71       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | 8.77                 | 8.20                 | 8.70                 | 8.01                 | 0.22      | 14.67                       | 17.96           | -3.29       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 14.89                | 14.61                | -                    | -                    | 0.22      | 17.98                       | 23.98           | -6.00       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 13.88                | 13.52                | 13.89                | -                    | 0.22      | 18.76                       | 22.22           | -3.46       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | 11.70                | 11.50                | 11.84                | 11.93                | 0.22      | 17.99                       | 20.97           | -2.98       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 14.87                | 14.67                | 14.77                | -                    | 0.22      | 19.77                       | 23.98           | -4.21       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | 12.71                | 12.65                | 12.87                | 12.68                | 0.22      | 18.97                       | 22.73           | -3.76       |

|                                       |   |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 15.03 | 14.56 | 14.88 | 14.72 | 0.22 | 21.04 | 23.98 | -2.94 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 14.65 | 14.84 | -     | -     | 0.22 | 17.98 | 23.98 | -6.00 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 14.92 | 14.69 | 14.85 | -     | 0.22 | 19.81 | 23.98 | -4.17 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 14.86 | 14.72 | 14.95 | 14.75 | 0.22 | 21.06 | 23.98 | -2.92 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 15.23 | -     | -     | -     | 0.22 | 15.45 | 23.98 | -8.53 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | 15.13 | 14.96 | -     | -     | 0.22 | 18.27 | 23.98 | -5.71 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | 13.29 | 12.86 | 13.14 | -     | 0.22 | 18.09 | 23.98 | -5.89 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | 9.97  | 9.50  | 10.14 | 9.62  | 0.22 | 16.06 | 23.98 | -7.92 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 15.28 | 14.96 | -     | -     | 0.22 | 18.35 | 23.98 | -5.63 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | 15.14 | 14.77 | 15.16 | -     | 0.22 | 20.02 | 23.98 | -3.96 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | 13.08 | 12.80 | 13.15 | 13.05 | 0.22 | 19.26 | 23.98 | -4.72 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 15.24 | 14.87 | 15.16 | -     | 0.22 | 20.08 | 23.98 | -3.90 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | 15.04 | 14.90 | 15.19 | 15.08 | 0.22 | 21.30 | 23.98 | -2.68 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 15.37 | 14.94 | 15.26 | 15.17 | 0.22 | 21.43 | 23.98 | -2.55 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 15.12 | 14.95 | -     | -     | 0.22 | 18.26 | 20.97 | -2.71 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | 11.11 | 10.45 | 11.27 | -     | 0.22 | 15.95 | 19.21 | -3.26 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | 9.13  | 8.60  | 8.96  | 8.51  | 0.22 | 15.05 | 17.96 | -2.91 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 15.28 | 14.84 | -     | -     | 0.22 | 18.30 | 23.98 | -5.68 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | 14.05 | 13.80 | 14.31 | -     | 0.22 | 19.05 | 22.22 | -3.17 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | 12.07 | 11.76 | 12.24 | 11.74 | 0.22 | 18.20 | 20.97 | -2.77 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 15.31 | 14.76 | 15.20 | -     | 0.22 | 20.09 | 23.98 | -3.89 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | 14.17 | 13.80 | 14.26 | 14.10 | 0.22 | 20.33 | 22.73 | -2.40 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 15.03 | 14.92 | 15.26 | 15.02 | 0.22 | 21.30 | 23.98 | -2.68 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 15.21 | 15.04 | -     | -     | 0.22 | 18.36 | 23.98 | -5.62 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 15.27 | 14.67 | 15.34 | -     | 0.22 | 20.10 | 23.98 | -3.88 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 15.14 | 14.95 | 15.28 | 15.16 | 0.22 | 21.37 | 23.98 | -2.61 |

5530 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | 11.50                | -                    | -                    | -                    | 0.29      | 11.79                       | 23.98           | -12.19      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | 9.43                 | 10.08                | -                    | -                    | 0.29      | 13.06                       | 23.98           | -10.92      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | 7.47                 | 7.78                 | 8.83                 | -                    | 0.29      | 13.13                       | 23.98           | -10.85      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | 7.41                 | 7.89                 | 8.79                 | 8.67                 | 0.29      | 14.54                       | 23.98           | -9.44       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | 10.39                | -                    | -                    | -                    | 0.16      | 10.55                       | 23.98           | -13.43      |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | 8.80                 | 9.92                 | -                    | -                    | 0.16      | 12.57                       | 23.98           | -11.41      |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | 6.93                 | 7.04                 | 8.37                 | -                    | 0.16      | 12.43                       | 23.98           | -11.55      |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | 6.22                 | 6.66                 | 7.19                 | 7.50                 | 0.16      | 13.10                       | 23.98           | -10.88      |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | 8.95                 | 9.72                 | -                    | -                    | 0.16      | 12.52                       | 23.98           | -11.46      |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | 6.41                 | 7.62                 | 7.95                 | -                    | 0.16      | 12.31                       | 23.98           | -11.67      |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | 5.92                 | 6.44                 | 6.54                 | 7.22                 | 0.16      | 12.73                       | 23.98           | -11.25      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | 6.94                 | 7.16                 | 8.30                 | -                    | 0.16      | 12.44                       | 23.98           | -11.54      |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | 6.87                 | 7.65                 | 8.18                 | 8.36                 | 0.16      | 13.98                       | 23.98           | -10.00      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | 7.22                 | 7.58                 | 8.74                 | 8.42                 | 0.16      | 14.21                       | 23.98           | -9.77       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | 6.94                 | 7.34                 | -                    | -                    | 0.16      | 10.32                       | 20.97           | -10.65      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | 2.85                 | 3.39                 | 4.16                 | -                    | 0.16      | 8.43                        | 19.21           | -10.78      |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | 2.07                 | 2.32                 | 3.80                 | 3.27                 | 0.16      | 9.10                        | 17.96           | -8.86       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | 8.83                 | 9.58                 | -                    | -                    | 0.16      | 12.39                       | 23.98           | -11.59      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | 6.57                 | 7.27                 | 8.52                 | -                    | 0.16      | 12.46                       | 22.22           | -9.76       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | 2.84                 | 3.68                 | 4.74                 | 4.15                 | 0.16      | 10.09                       | 20.97           | -10.88      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | 7.34                 | 7.56                 | 8.33                 | -                    | 0.16      | 12.69                       | 23.98           | -11.29      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | 7.02                 | 8.01                 | 8.46                 | -                    | 0.16      | 12.80                       | 23.98           | -11.18      |

|                        |   |       |       |       |      |      |      |       |       |        |
|------------------------|---|-------|-------|-------|------|------|------|-------|-------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | 4.92  | 5.48  | 6.65 | 5.65 | 0.16 | 11.90 | 22.73 | -10.83 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | 8.87  | 9.73  | -    | -    | 0.16 | 12.49 | 23.98 | -11.49 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | 6.89  | 7.56  | 8.15 | -    | 0.16 | 12.49 | 23.98 | -11.49 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | 6.06  | 6.78  | 7.44 | 7.20 | 0.16 | 13.08 | 23.98 | -10.90 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | 11.93 | -     | -    | -    | 0.20 | 12.13 | 23.98 | -11.85 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | 9.85  | 10.55 | -    | -    | 0.20 | 13.42 | 23.98 | -10.56 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | 7.86  | 8.32  | 9.36 | -    | 0.20 | 13.53 | 23.98 | -10.45 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | 7.83  | 8.37  | 9.17 | 9.34 | 0.20 | 14.94 | 23.98 | -9.04  |
| HE80, M0.2 to M11.2    | 2 | 6.00  | 9.83  | 10.52 | -    | -    | 0.20 | 13.40 | 23.98 | -10.58 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | 7.98  | 8.35  | 9.36 | -    | 0.20 | 13.57 | 23.98 | -10.41 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | 7.18  | 7.38  | 8.07 | 8.27 | 0.20 | 13.97 | 23.98 | -10.01 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | 8.04  | 8.29  | 9.17 | -    | 0.20 | 13.50 | 23.98 | -10.48 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | 6.90  | 7.38  | 8.36 | 8.03 | 0.20 | 13.92 | 23.98 | -10.06 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | 7.60  | 8.38  | 8.92 | 9.23 | 0.20 | 14.79 | 23.98 | -9.19  |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | 7.02  | 7.43  | -    | -    | 0.20 | 10.44 | 20.97 | -10.53 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | 3.88  | 4.43  | 5.42 | -    | 0.20 | 9.60  | 19.21 | -9.61  |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -0.01 | 0.53  | 1.44 | 1.23 | 0.20 | 7.05  | 17.96 | -10.91 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | 8.82  | 9.35  | -    | -    | 0.20 | 12.30 | 23.98 | -11.68 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | 6.97  | 7.35  | 8.06 | -    | 0.20 | 12.45 | 22.22 | -9.77  |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | 4.06  | 4.69  | 5.15 | 5.54 | 0.20 | 11.11 | 20.97 | -9.86  |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | 7.84  | 8.36  | 9.09 | -    | 0.20 | 13.43 | 23.98 | -10.55 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | 5.89  | 6.24  | 7.38 | 7.30 | 0.20 | 12.97 | 22.73 | -9.76  |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | 6.84  | 7.44  | 7.93 | 8.29 | 0.20 | 13.88 | 23.98 | -10.10 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | 9.75  | 10.47 | -    | -    | 0.20 | 13.34 | 23.98 | -10.64 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | 7.72  | 8.44  | 9.17 | -    | 0.20 | 13.46 | 23.98 | -10.52 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | 7.97  | 8.51  | 9.32 | 9.26 | 0.20 | 15.02 | 23.98 | -8.96  |

5610 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | 14.78                | -                    | -                    | -                    | 0.29      | 14.67                       | 23.98           | -9.31       |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | 14.73                | 14.43                | -                    | -                    | 0.29      | 17.48                       | 23.98           | -6.50       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | 14.74                | 14.27                | 13.80                | -                    | 0.29      | 18.95                       | 23.98           | -5.03       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | 14.78                | 14.38                | 13.82                | 14.25                | 0.29      | 20.23                       | 23.98           | -3.75       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | 14.32                | -                    | -                    | -                    | 0.16      | 14.08                       | 23.98           | -9.90       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | 14.16                | 13.86                | -                    | -                    | 0.16      | 16.78                       | 23.98           | -7.20       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | 14.29                | 13.33                | 16.23                | -                    | 0.16      | 19.32                       | 23.98           | -4.66       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | 14.33                | 13.50                | 15.16                | 14.90                | 0.16      | 20.30                       | 23.98           | -3.68       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | 14.34                | 13.61                | -                    | -                    | 0.16      | 16.76                       | 23.98           | -7.22       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | 14.33                | 13.86                | 13.28                | -                    | 0.16      | 18.38                       | 23.98           | -5.60       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | 13.92                | 13.30                | 13.10                | 13.57                | 0.16      | 19.26                       | 23.98           | -4.72       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | 14.13                | 13.84                | 13.39                | -                    | 0.16      | 18.33                       | 23.98           | -5.65       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | 14.39                | 14.20                | 13.42                | 14.10                | 0.16      | 19.82                       | 23.98           | -4.16       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | 14.44                | 13.88                | 13.45                | 13.50                | 0.16      | 19.61                       | 23.98           | -4.37       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | 14.12                | 13.98                | -                    | -                    | 0.16      | 16.82                       | 20.97           | -4.15       |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | 12.04                | 12.76                | 11.78                | -                    | 0.16      | 16.75                       | 19.21           | -2.46       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | 9.86                 | 9.95                 | 9.22                 | 9.62                 | 0.16      | 15.45                       | 17.96           | -2.51       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | 14.01                | 13.76                | -                    | -                    | 0.16      | 16.65                       | 23.98           | -7.33       |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | 14.21                | 13.98                | 13.06                | -                    | 0.16      | 18.31                       | 22.22           | -3.91       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | 13.18                | 12.72                | 12.42                | 13.08                | 0.16      | 18.64                       | 20.97           | -2.33       |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | 14.56                | 13.69                | 13.13                | -                    | 0.16      | 18.37                       | 23.98           | -5.61       |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | 14.27                | 13.62                | 13.48                | -                    | 0.16      | 18.34                       | 23.98           | -5.64       |

|                        |   |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | 14.30 | 13.58 | 13.26 | 13.84 | 0.16 | 19.54 | 22.73 | -3.19 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | 14.14 | 13.62 | -     | -     | 0.16 | 16.66 | 23.98 | -7.32 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | 14.16 | 13.69 | 13.26 | -     | 0.16 | 18.25 | 23.98 | -5.73 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | 13.84 | 13.69 | 13.56 | 13.14 | 0.16 | 19.35 | 23.98 | -4.63 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | 15.05 | -     | -     | -     | 0.20 | 14.95 | 23.98 | -9.03 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | 15.11 | 14.60 | -     | -     | 0.20 | 17.77 | 23.98 | -6.21 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | 15.16 | 14.90 | 14.18 | -     | 0.20 | 19.44 | 23.98 | -4.54 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | 15.12 | 14.83 | 15.54 | 15.29 | 0.20 | 21.12 | 23.98 | -2.86 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | 15.25 | 14.71 | -     | -     | 0.20 | 17.90 | 23.98 | -6.08 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | 15.16 | 14.57 | 14.11 | -     | 0.20 | 19.31 | 23.98 | -4.67 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | 15.08 | 14.48 | 13.88 | 14.70 | 0.20 | 20.48 | 23.98 | -3.50 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | 15.21 | 14.87 | 14.04 | -     | 0.20 | 19.41 | 23.98 | -4.57 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | 15.25 | 14.74 | 13.79 | 14.87 | 0.20 | 20.62 | 23.98 | -3.36 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | 15.08 | 14.89 | 14.04 | 14.40 | 0.20 | 20.54 | 23.98 | -3.44 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | 15.32 | 14.75 | -     | -     | 0.20 | 17.95 | 20.97 | -3.02 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | 13.00 | 12.80 | 12.06 | -     | 0.20 | 17.31 | 19.21 | -1.90 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | 11.11 | 10.37 | 10.33 | 10.56 | 0.20 | 16.53 | 17.96 | -1.43 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | 15.16 | 14.71 | -     | -     | 0.20 | 17.85 | 23.98 | -6.13 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | 15.17 | 14.65 | 14.27 | -     | 0.20 | 19.38 | 22.22 | -2.84 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | 14.06 | 13.69 | 13.49 | 13.41 | 0.20 | 19.59 | 20.97 | -1.38 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | 15.28 | 15.13 | 14.22 | -     | 0.20 | 19.57 | 23.98 | -4.41 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | 15.05 | 14.95 | 13.95 | 14.72 | 0.20 | 20.61 | 22.73 | -2.12 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | 15.26 | 14.81 | 13.85 | 14.56 | 0.20 | 20.57 | 23.98 | -3.41 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | 15.08 | 14.87 | -     | -     | 0.20 | 17.88 | 23.98 | -6.10 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | 15.21 | 14.63 | 13.69 | -     | 0.20 | 19.23 | 23.98 | -4.75 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | 15.14 | 14.77 | 13.75 | 14.67 | 0.20 | 20.53 | 23.98 | -3.45 |

5690 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) | DCCF (dB) | Total Conducted Power (dBm) | FCC Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-----------|-----------------------------|-----------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | 14.50                | -                    | -                    | -                    | 0.29      | 14.39                       | 23.98           | -9.59       |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | 14.45                | 15.56                | -                    | -                    | 0.29      | 17.94                       | 23.98           | -6.04       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | 14.39                | 15.60                | 16.10                | -                    | 0.29      | 20.08                       | 23.98           | -3.90       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | 14.55                | 15.71                | 16.05                | 16.01                | 0.29      | 21.53                       | 23.98           | -2.45       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | 14.57                | -                    | -                    | -                    | 0.16      | 14.33                       | 23.98           | -9.65       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | 14.81                | 15.93                | -                    | -                    | 0.16      | 18.18                       | 23.98           | -5.80       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | 14.84                | 15.76                | 16.41                | -                    | 0.16      | 20.25                       | 23.98           | -3.73       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | 14.62                | 15.76                | 15.23                | 15.24                | 0.16      | 21.01                       | 23.98           | -2.97       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | 14.45                | 15.89                | -                    | -                    | 0.16      | 18.00                       | 23.98           | -5.98       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | 14.48                | 15.65                | 16.37                | -                    | 0.16      | 20.10                       | 23.98           | -3.88       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | 14.73                | 15.80                | 16.40                | 16.25                | 0.16      | 21.62                       | 23.98           | -2.36       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | 14.88                | 15.71                | 16.25                | -                    | 0.16      | 20.18                       | 23.98           | -3.80       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | 14.66                | 15.90                | 16.24                | 16.22                | 0.16      | 21.58                       | 23.98           | -2.40       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | 14.77                | 15.56                | 16.25                | 16.07                | 0.16      | 21.48                       | 23.98           | -2.50       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | 14.82                | 15.91                | -                    | -                    | 0.16      | 18.17                       | 20.97           | -2.80       |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | 12.69                | 12.58                | 13.02                | -                    | 0.16      | 17.30                       | 19.21           | -1.91       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | 10.72                | 10.79                | 10.98                | 11.20                | 0.16      | 16.70                       | 17.96           | -1.26       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | 14.80                | 15.76                | -                    | -                    | 0.16      | 18.07                       | 23.98           | -5.91       |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | 14.78                | 15.81                | 16.32                | -                    | 0.16      | 20.21                       | 22.22           | -2.01       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | 13.79                | 13.71                | 14.15                | 14.30                | 0.16      | 19.77                       | 20.97           | -1.20       |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | 14.63                | 15.67                | 16.26                | -                    | 0.16      | 20.11                       | 23.98           | -3.87       |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | 14.61                | 16.02                | 16.28                | 16.09                | 0.16      | 20.23                       | 23.98           | -3.75       |

|                        |   |       |       |       |       |       |      |       |       |       |
|------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | 14.80 | 14.87 | 15.21 | 15.29 | 0.16 | 20.83 | 22.73 | -1.90 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | 14.74 | 15.89 | -     | -     | 0.16 | 18.12 | 23.98 | -5.86 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | 14.94 | 15.70 | 16.28 | -     | 0.16 | 20.20 | 23.98 | -3.78 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | 14.77 | 15.78 | 16.19 | 16.30 | 0.16 | 21.58 | 23.98 | -2.40 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | 15.02 | -     | -     | -     | 0.20 | 14.92 | 23.98 | -9.06 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | 14.90 | 16.10 | -     | -     | 0.20 | 18.45 | 23.98 | -5.53 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | 14.81 | 16.11 | 16.67 | -     | 0.20 | 20.60 | 23.98 | -3.38 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | 15.20 | 16.23 | 15.64 | 15.48 | 0.20 | 21.58 | 23.98 | -2.40 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | 15.08 | 16.18 | -     | -     | 0.20 | 18.57 | 23.98 | -5.41 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | 15.08 | 15.87 | 16.55 | -     | 0.20 | 20.55 | 23.98 | -3.43 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | 14.92 | 16.02 | 16.76 | 16.60 | 0.20 | 22.06 | 23.98 | -1.92 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | 15.03 | 16.25 | 16.67 | -     | 0.20 | 20.71 | 23.98 | -3.27 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | 15.07 | 16.21 | 16.63 | 16.65 | 0.20 | 22.11 | 23.98 | -1.87 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | 15.15 | 16.27 | 16.82 | 16.45 | 0.20 | 22.14 | 23.98 | -1.84 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | 15.01 | 16.07 | -     | -     | 0.20 | 18.49 | 20.97 | -2.48 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | 13.00 | 13.12 | 13.49 | -     | 0.20 | 17.88 | 19.21 | -1.33 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | 11.02 | 11.06 | 11.35 | 11.58 | 0.20 | 17.18 | 17.96 | -0.78 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | 14.98 | 16.28 | -     | -     | 0.20 | 18.59 | 23.98 | -5.39 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | 15.10 | 16.20 | 16.71 | -     | 0.20 | 20.72 | 22.22 | -1.50 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | 13.03 | 14.08 | 14.61 | 14.57 | 0.20 | 20.04 | 20.97 | -0.93 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | 15.16 | 16.09 | 16.70 | -     | 0.20 | 20.70 | 23.98 | -3.28 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | 15.07 | 15.23 | 15.65 | 15.35 | 0.20 | 21.25 | 22.73 | -1.48 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | 15.08 | 16.16 | 16.60 | 16.61 | 0.20 | 22.08 | 23.98 | -1.90 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | 14.98 | 16.33 | -     | -     | 0.20 | 18.62 | 23.98 | -5.36 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | 14.95 | 15.96 | 16.71 | -     | 0.20 | 20.60 | 23.98 | -3.38 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | 15.02 | 16.06 | 16.61 | 16.49 | 0.20 | 22.01 | 23.98 | -1.97 |

## Test results for Power Spectrum Density

5500 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|-------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps              | 1        | 6.00                          | 3.59               | -                  | -                  | -                  | 0.34      | 3.93                | 11.00               | -7.07       |
| non HT20, 6 to 54 Mbps              | 2        | 6.00                          | 3.69               | 4.06               | -                  | -                  | 0.34      | 7.23                | 11.00               | -3.77       |
| non HT20, 6 to 54 Mbps              | 3        | 6.00                          | 3.76               | 3.73               | 4.93               | -                  | 0.34      | 9.29                | 11.00               | -1.71       |
| non HT20, 6 to 54 Mbps              | 4        | 6.00                          | 2.54               | 3.08               | 3.96               | 3.80               | 0.34      | 9.74                | 11.00               | -1.26       |
| non HT20, 6 to 54 Mbps-BF           | 2        | 9.01                          | 2.53               | 3.03               | -                  | -                  | 0.34      | 6.14                | 7.99                | -1.85       |
| non HT20, 6 to 54 Mbps-BF           | 3        | 10.77                         | -0.36              | 0.10               | 0.80               | -                  | 0.34      | 5.31                | 6.23                | -0.92       |
| non HT20, 6 to 54 Mbps-BF           | 4        | 12.02                         | -3.64              | -2.82              | -2.34              | -2.47              | 0.34      | 3.57                | 4.98                | -1.41       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 1        | 6.00                          | 3.28               | -                  | -                  | -                  | 0.18      | 3.46                | 11.00               | -7.54       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 2        | 9.01                          | 2.97               | 3.61               | -                  | -                  | 0.18      | 6.49                | 7.99                | -1.50       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 3        | 10.77                         | 0.08               | 0.91               | 1.45               | -                  | 0.18      | 5.80                | 6.23                | -0.43       |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 4        | 12.02                         | -3.03              | -2.14              | -1.70              | -2.05              | 0.18      | 4.00                | 4.98                | -0.98       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 2        | 6.00                          | 3.38               | 3.46               | -                  | -                  | 0.18      | 6.61                | 11.00               | -4.39       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 3        | 7.76                          | 3.33               | 3.65               | 4.38               | -                  | 0.18      | 8.76                | 9.24                | -0.48       |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 4        | 9.01                          | -0.49              | -0.15              | 0.92               | 0.43               | 0.18      | 6.41                | 7.99                | -1.58       |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 3        | 6.00                          | 2.67               | 2.99               | 3.61               | -                  | 0.18      | 8.06                | 11.00               | -2.94       |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 4        | 7.25                          | 1.11               | 1.09               | 1.39               | 1.43               | 0.18      | 7.46                | 9.75                | -2.29       |
| HT/VHT20, M24 to M31, M0.4 to M8.4  | 4        | 6.00                          | 2.16               | 2.52               | 3.39               | 3.50               | 0.18      | 9.13                | 11.00               | -1.87       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 2        | 9.01                          | 3.04               | 3.74               | -                  | -                  | 0.18      | 6.59                | 7.99                | -1.40       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 3        | 10.77                         | -1.10              | -0.39              | 0.37               | -                  | 0.18      | 4.62                | 6.23                | -1.61       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 4        | 12.02                         | -2.66              | -2.01              | -1.84              | -1.88              | 0.18      | 4.12                | 4.98                | -0.86       |

|                                       |   |       |       |       |       |       |      |      |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 2 | 6.00  | 3.08  | 3.79  | -     | -     | 0.18 | 6.64 | 11.00 | -4.36 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 3 | 7.76  | 2.59  | 2.65  | 3.74  | -     | 0.18 | 7.97 | 9.24  | -1.27 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -2.41 | -2.02 | -1.86 | -1.83 | 0.18 | 4.18 | 7.99  | -3.81 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 2.62  | 3.44  | 4.02  | -     | 0.18 | 8.35 | 11.00 | -2.65 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 0.81  | 1.12  | 1.48  | 2.05  | 0.18 | 7.59 | 9.75  | -2.16 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 1.85  | 2.07  | 2.71  | 2.33  | 0.18 | 8.45 | 11.00 | -2.55 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 3.30  | 3.72  | -     | -     | 0.18 | 6.70 | 11.00 | -4.30 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 3.74  | 3.90  | 4.68  | -     | 0.18 | 9.08 | 11.00 | -1.92 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 2.84  | 3.03  | 3.40  | 3.91  | 0.18 | 9.51 | 11.00 | -1.49 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 3.34  | -     | -     | -     | 0.21 | 3.55 | 11.00 | -7.45 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 3.17  | 3.60  | -     | -     | 0.21 | 6.61 | 7.99  | -1.38 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | -0.74 | 0.09  | 0.71  | -     | 0.21 | 5.04 | 6.23  | -1.19 |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | -3.94 | -3.29 | -2.53 | -2.80 | 0.21 | 3.12 | 4.98  | -1.86 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 3.69  | 3.47  | -     | -     | 0.21 | 6.80 | 11.00 | -4.20 |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 2.28  | 2.86  | 3.35  | -     | 0.21 | 7.84 | 9.24  | -1.40 |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | -0.78 | -0.24 | 0.94  | 0.69  | 0.21 | 6.44 | 7.99  | -1.55 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.20  | 2.84  | 3.48  | -     | 0.21 | 7.85 | 11.00 | -3.15 |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 1.19  | 1.84  | 2.43  | 2.50  | 0.21 | 8.25 | 9.75  | -1.50 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 2.40  | 2.89  | 3.53  | 3.05  | 0.21 | 9.22 | 11.00 | -1.78 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 2.21  | 2.66  | -     | -     | 0.21 | 5.66 | 7.99  | -2.33 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -1.02 | -0.18 | 0.47  | -     | 0.21 | 4.78 | 6.23  | -1.45 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -4.19 | -3.04 | -2.92 | -3.27 | 0.21 | 2.90 | 4.98  | -2.08 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 3.37  | 3.56  | -     | -     | 0.21 | 6.69 | 11.00 | -4.31 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 0.24  | 0.87  | 1.59  | -     | 0.21 | 5.91 | 9.24  | -3.33 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -2.67 | -2.03 | -1.51 | -1.75 | 0.21 | 4.26 | 7.99  | -3.73 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 3.16  | 4.06  | 4.54  | -     | 0.21 | 8.94 | 11.00 | -2.06 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 1.09  | 1.78  | 2.60  | 2.79  | 0.21 | 8.34 | 9.75  | -1.41 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 2.32  | 2.69  | 3.54  | 3.45  | 0.21 | 9.26 | 11.00 | -1.74 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 3.52  | 3.58  | -     | -     | 0.21 | 6.77 | 11.00 | -4.23 |

|                      |   |      |      |      |      |      |      |      |       |       |
|----------------------|---|------|------|------|------|------|------|------|-------|-------|
| HE20, M0 to M11-STBC | 3 | 6.00 | 2.39 | 2.77 | 3.49 | -    | 0.21 | 7.89 | 11.00 | -3.11 |
| HE20, M0 to M11-STBC | 4 | 6.00 | 1.20 | 1.62 | 2.62 | 2.62 | 0.21 | 8.29 | 11.00 | -2.71 |

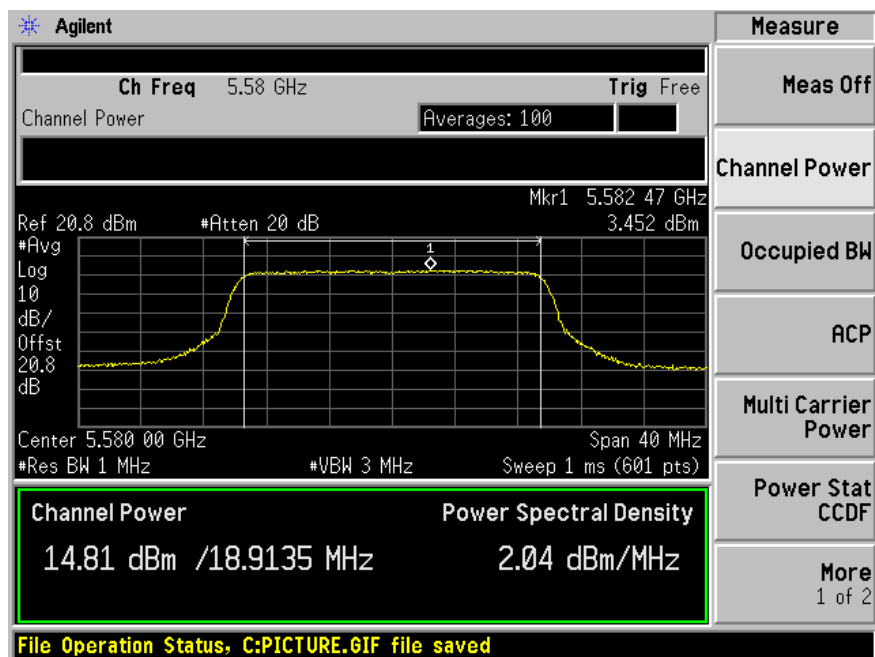
5580 MHz:

| 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 3.80               | -                  | -                  | -                  | 0.34      | 4.14                | 11.00               | -6.86       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 3.87               | 3.69               | -                  | -                  | 0.34      | 7.13                | 11.00               | -3.87       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 3.69               | 3.58               | 2.87               | -                  | 0.34      | 8.51                | 11.00               | -2.49       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 3.87               | 3.60               | 2.77               | 3.52               | 0.34      | 9.82                | 11.00               | -1.18       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 4.13               | 3.68               | -                  | -                  | 0.34      | 7.26                | 7.99                | -0.73       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | 0.70               | 0.96               | 0.18               | -                  | 0.34      | 5.74                | 6.23                | -0.49       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -2.44              | -2.35              | -2.97              | -2.72              | 0.34      | 3.75                | 4.98                | -1.23       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 3.80               | -                  | -                  | -                  | 0.18      | 3.98                | 11.00               | -7.02       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 9.01                          | 3.48               | 3.23               | -                  | -                  | 0.18      | 6.55                | 7.99                | -1.44       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 10.77                         | -0.32              | -0.60              | -0.55              | -                  | 0.18      | 4.46                | 6.23                | -1.77       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 12.02                         | -3.48              | -3.54              | -3.53              | -3.69              | 0.18      | 2.64                | 4.98                | -2.34       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 3.50               | 3.44               | -                  | -                  | 0.18      | 6.66                | 11.00               | -4.34       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 7.76                          | 3.57               | 3.16               | 2.53               | -                  | 0.18      | 8.06                | 9.24                | -1.18       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 9.01                          | -0.37              | -0.65              | -0.51              | -0.52              | 0.18      | 5.69                | 7.99                | -2.30       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 2.72               | 3.20               | 2.08               | -                  | 0.18      | 7.64                | 11.00               | -3.36       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 7.25                          | 3.13               | 2.19               | 1.92               | 2.97               | 0.18      | 8.78                | 9.75                | -0.97       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 2.82               | 2.39               | 1.66               | 2.50               | 0.18      | 8.56                | 11.00               | -2.44       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 3.44               | 3.25               | -                  | -                  | 0.18      | 6.54                | 7.99                | -1.45       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | 0.22               | 0.29               | -0.45              | -                  | 0.18      | 4.99                | 6.23                | -1.24       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -1.72              | -1.58              | -2.34              | -1.93              | 0.18      | 4.32                | 4.98                | -0.66       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 3.51               | 3.21               | -                  | -                  | 0.18      | 6.55                | 11.00               | -4.45       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 3.40               | 3.00               | 2.49               | -                  | 0.18      | 7.93                | 9.24                | -1.31       |

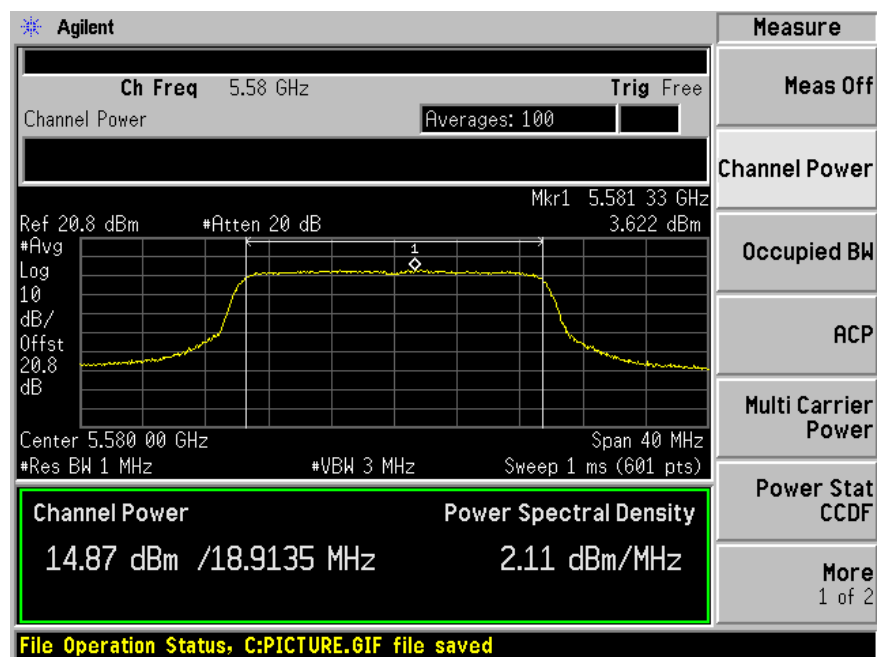
|                                       |          |             |             |             |             |             |             |             |             |              |
|---------------------------------------|----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4        | 9.01        | 0.45        | 0.78        | -0.36       | 0.34        | 0.18        | 6.52        | 7.99        | -1.47        |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3        | 6.00        | 3.06        | 2.79        | 1.97        | -           | 0.18        | 7.58        | 11.00       | -3.42        |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4        | 7.25        | 2.64        | 2.32        | 2.12        | 2.84        | 0.18        | 8.69        | 9.75        | -1.06        |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4        | 6.00        | 3.01        | 2.91        | 2.13        | 2.41        | 0.18        | 8.83        | 11.00       | -2.17        |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2        | 6.00        | 3.44        | 3.20        | -           | -           | 0.18        | 6.51        | 11.00       | -4.49        |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3        | 6.00        | 3.48        | 3.69        | 1.98        | -           | 0.18        | 8.06        | 11.00       | -2.94        |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4        | 6.00        | 3.42        | 3.45        | 2.13        | 3.31        | 0.18        | 9.31        | 11.00       | -1.69        |
| HE20, M0.1 to M11.1                   | 1        | 6.00        | 3.43        | -           | -           | -           | 0.21        | 3.64        | 11.00       | -7.36        |
| HE20, M0.1 to M11.1                   | 2        | 9.01        | 3.36        | 3.42        | -           | -           | 0.21        | 6.61        | 7.99        | -1.38        |
| HE20, M0.1 to M11.1                   | 3        | 10.77       | -0.39       | -0.51       | -0.38       | -           | 0.21        | 4.55        | 6.23        | -1.68        |
| HE20, M0.1 to M11.1                   | 4        | 12.02       | -3.25       | -3.48       | -3.48       | -3.56       | 0.21        | 2.79        | 4.98        | -2.19        |
| HE20, M0.2 to M11.2                   | 2        | 6.00        | 3.55        | 3.24        | -           | -           | 0.21        | 6.62        | 11.00       | -4.38        |
| HE20, M0.2 to M11.2                   | 3        | 7.76        | 3.32        | 3.22        | 2.69        | -           | 0.21        | 8.07        | 9.24        | -1.17        |
| HE20, M0.2 to M11.2                   | 4        | 9.01        | 0.66        | 0.47        | 0.65        | 0.60        | 0.21        | 6.82        | 7.99        | -1.17        |
| HE20, M0.3 to M11.3                   | 3        | 6.00        | 3.84        | 3.46        | 2.56        | -           | 0.21        | 8.30        | 11.00       | -2.70        |
| <b>HE20, M0.3 to M11.3</b>            | <b>4</b> | <b>7.25</b> | <b>3.45</b> | <b>3.62</b> | <b>2.51</b> | <b>3.06</b> | <b>0.21</b> | <b>9.41</b> | <b>9.75</b> | <b>-0.34</b> |
| HE20, M0.4 to M11.4                   | 4        | 6.00        | 3.51        | 3.34        | 2.47        | 2.76        | 0.21        | 9.27        | 11.00       | -1.73        |
| HE20, M0.1 to M11.1-BF                | 2        | 9.01        | 3.65        | 3.59        | -           | -           | 0.21        | 6.84        | 7.99        | -1.15        |
| HE20, M0.1 to M11.1-BF                | 3        | 10.77       | -0.44       | -0.69       | -0.32       | -           | 0.21        | 4.50        | 6.23        | -1.73        |
| HE20, M0.1 to M11.1-BF                | 4        | 12.02       | -1.56       | -1.80       | -2.38       | -2.15       | 0.21        | 4.27        | 4.98        | -0.71        |
| HE20, M0.2 to M11.2-BF                | 2        | 6.00        | 3.75        | 3.26        | -           | -           | 0.21        | 6.73        | 11.00       | -4.27        |
| HE20, M0.2 to M11.2-BF                | 3        | 7.76        | 3.70        | 3.26        | 3.05        | -           | 0.21        | 8.32        | 9.24        | -0.92        |
| HE20, M0.2 to M11.2-BF                | 4        | 9.01        | 0.35        | 0.14        | 0.02        | 0.31        | 0.21        | 6.44        | 7.99        | -1.55        |
| HE20, M0.3 to M11.3-BF                | 3        | 6.00        | 3.65        | 3.34        | 2.53        | -           | 0.21        | 8.18        | 11.00       | -2.82        |
| HE20, M0.3 to M11.3-BF                | 4        | 7.25        | 2.45        | 2.69        | 1.28        | 2.55        | 0.21        | 8.51        | 9.75        | -1.24        |
| HE20, M0.4 to M11.4-BF                | 4        | 6.00        | 3.42        | 3.38        | 2.20        | 3.13        | 0.21        | 9.29        | 11.00       | -1.71        |
| HE20, M0 to M11-STBC                  | 2        | 6.00        | 3.56        | 3.04        | -           | -           | 0.21        | 6.52        | 11.00       | -4.48        |
| HE20, M0 to M11-STBC                  | 3        | 6.00        | 3.44        | 3.61        | 2.03        | -           | 0.21        | 8.06        | 11.00       | -2.94        |
| HE20, M0 to M11-STBC                  | 4        | 6.00        | 3.48        | 3.17        | 2.16        | 3.36        | 0.21        | 9.30        | 11.00       | -1.70        |

Please refer to the following plots for the worst case configuration

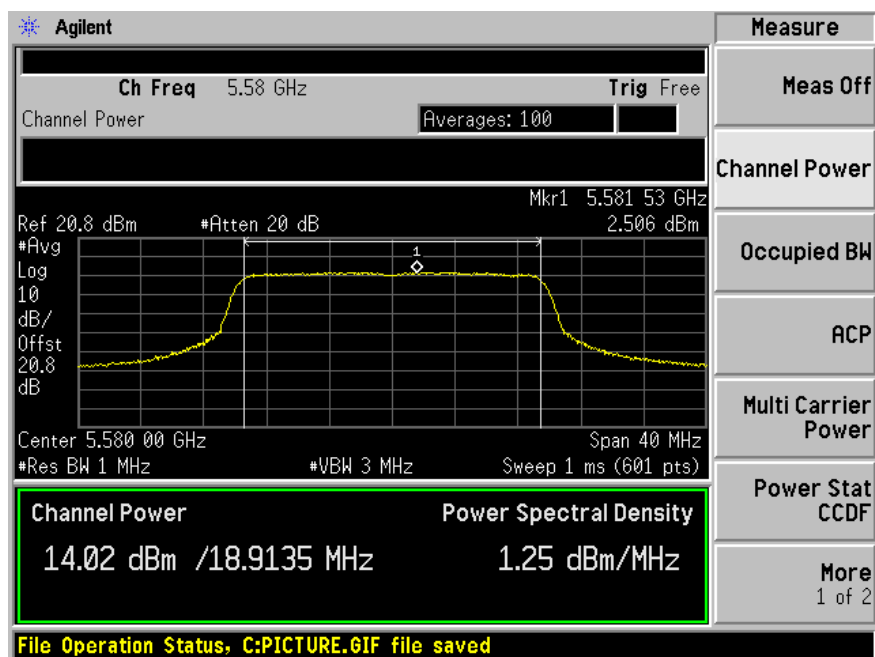
Ant-a



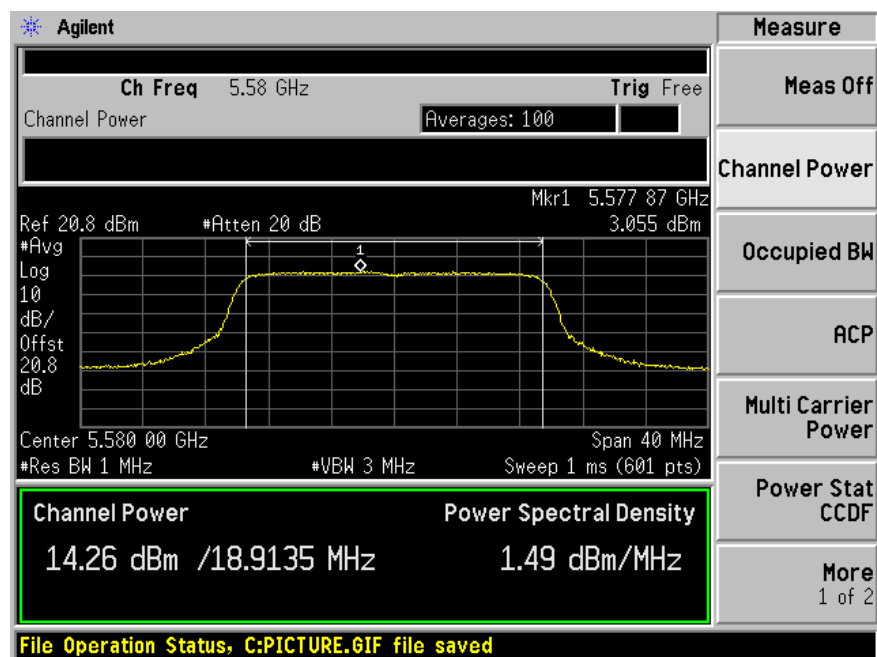
Ant-b



Ant-c



Ant-d



5700 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 3.51               | -                  | -                  | -                  | 0.34      | 3.85                | 11.00               | -7.15       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 3.54               | 5.07               | -                  | -                  | 0.34      | 7.72                | 11.00               | -3.28       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 3.70               | 5.18               | 5.49               | -                  | 0.34      | 9.97                | 11.00               | -1.03       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 2.56               | 4.11               | 4.32               | 3.67               | 0.34      | 10.08               | 11.00               | -0.92       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 2.51               | 4.21               | -                  | -                  | 0.34      | 6.80                | 7.99                | -1.19       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | 0.32               | -52.67             | 0.29               | -                  | 0.34      | 3.66                | 6.23                | -2.57       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -2.50              | -52.67             | -1.69              | -1.66              | 0.34      | 3.18                | 4.98                | -1.80       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 3.48               | -                  | -                  | -                  | 0.18      | 3.66                | 11.00               | -7.34       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 9.01                          | 3.43               | 4.72               | -                  | -                  | 0.18      | 7.31                | 7.99                | -0.68       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 10.77                         | -0.73              | -1.01              | -0.68              | -                  | 0.18      | 4.15                | 6.23                | -2.08       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 12.02                         | -3.93              | -3.82              | -3.52              | -3.62              | 0.18      | 2.48                | 4.98                | -2.50       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 2.83               | 4.73               | -                  | -                  | 0.18      | 7.07                | 11.00               | -3.93       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 7.76                          | 3.22               | 4.58               | 2.92               | -                  | 0.18      | 8.59                | 9.24                | -0.65       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 9.01                          | 3.32               | -1.08              | 0.73               | 0.73               | 0.18      | 7.42                | 7.99                | -0.57       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 3.06               | 4.89               | 4.92               | -                  | 0.18      | 9.32                | 11.00               | -1.68       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 7.25                          | 3.11               | 0.80               | 2.81               | 3.11               | 0.18      | 8.76                | 9.75                | -0.99       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 3.75               | 2.06               | 3.81               | 4.07               | 0.18      | 9.69                | 11.00               | -1.31       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 3.46               | 2.01               | -                  | -                  | 0.18      | 5.98                | 7.99                | -2.01       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | 0.07               | -2.20              | -0.04              | -                  | 0.18      | 4.34                | 6.23                | -1.89       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -2.87              | -3.89              | -1.98              | -1.76              | 0.18      | 3.65                | 4.98                | -1.33       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 3.25               | 4.53               | -                  | -                  | 0.18      | 7.13                | 11.00               | -3.87       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 1.84               | 3.68               | 3.95               | -                  | 0.18      | 8.20                | 9.24                | -1.04       |

|                                       |   |       |       |       |       |       |      |       |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -2.54 | -1.04 | -0.92 | -1.09 | 0.18 | 4.85  | 7.99  | -3.14 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 3.26  | 4.78  | 4.93  | -     | 0.18 | 9.33  | 11.00 | -1.67 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 1.04  | 3.11  | 2.96  | 2.03  | 0.18 | 8.56  | 9.75  | -1.19 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 2.25  | 3.69  | 3.80  | 3.98  | 0.18 | 9.68  | 11.00 | -1.32 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 3.28  | 4.83  | -     | -     | 0.18 | 7.31  | 11.00 | -3.69 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 3.41  | 4.66  | 5.01  | -     | 0.18 | 9.36  | 11.00 | -1.64 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 2.42  | 4.14  | 4.27  | 4.00  | 0.18 | 9.97  | 11.00 | -1.03 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 3.39  | -     | -     | -     | 0.21 | 3.60  | 11.00 | -7.40 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 3.51  | 4.70  | -     | -     | 0.21 | 7.37  | 7.99  | -0.62 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | -1.41 | -2.22 | -1.65 | -     | 0.21 | 3.24  | 6.23  | -2.99 |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | -3.69 | -3.52 | -3.59 | -3.41 | 0.21 | 2.68  | 4.98  | -2.30 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 3.28  | 4.78  | -     | -     | 0.21 | 7.32  | 11.00 | -3.68 |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 3.40  | 4.61  | 3.18  | -     | 0.21 | 8.76  | 9.24  | -0.48 |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | -0.30 | -0.58 | -0.44 | -0.81 | 0.21 | 5.70  | 7.99  | -2.29 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.08  | 3.78  | 4.13  | -     | 0.21 | 8.40  | 11.00 | -2.60 |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 2.22  | 4.06  | 3.16  | 2.60  | 0.21 | 9.30  | 9.75  | -0.45 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 2.20  | 3.97  | 4.20  | 4.14  | 0.21 | 9.93  | 11.00 | -1.07 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 2.41  | 4.43  | -     | -     | 0.21 | 6.76  | 7.99  | -1.23 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | 0.27  | -0.67 | 0.92  | -     | 0.21 | 5.20  | 6.23  | -1.03 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -4.18 | -2.15 | -2.11 | -1.90 | 0.21 | 3.74  | 4.98  | -1.24 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 3.35  | 4.56  | -     | -     | 0.21 | 7.22  | 11.00 | -3.78 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 0.05  | 1.74  | 2.13  | -     | 0.21 | 6.38  | 9.24  | -2.86 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -2.89 | -1.10 | -1.09 | -0.63 | 0.21 | 4.88  | 7.99  | -3.11 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 3.39  | 4.81  | 5.06  | -     | 0.21 | 9.46  | 11.00 | -1.54 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 1.23  | 3.13  | 3.00  | 2.20  | 0.21 | 8.68  | 9.75  | -1.07 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 2.20  | 4.03  | 4.28  | 4.23  | 0.21 | 10.00 | 11.00 | -1.00 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 3.21  | 4.86  | -     | -     | 0.21 | 7.33  | 11.00 | -3.67 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | 2.54  | 4.52  | 4.21  | -     | 0.21 | 8.82  | 11.00 | -2.18 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | 1.37  | 2.88  | 3.35  | 3.18  | 0.21 | 8.99  | 11.00 | -2.01 |

5720 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | 3.93               | -                  | -                  | -                  | 0.34      | 4.27                | 11.00               | -6.73       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | 3.71               | 3.63               | -                  | -                  | 0.34      | 7.02                | 11.00               | -3.98       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | 2.58               | 2.57               | 3.04               | -                  | 0.34      | 7.85                | 11.00               | -3.15       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | 1.73               | 1.69               | 2.00               | 2.02               | 0.34      | 8.22                | 11.00               | -2.78       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | 1.84               | 1.40               | -                  | -                  | 0.34      | 4.98                | 7.99                | -3.01       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -1.12              | -1.40              | -1.13              | -                  | 0.34      | 3.89                | 6.23                | -2.34       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -4.17              | -4.16              | -4.79              | -4.22              | 0.34      | 2.03                | 4.98                | -2.95       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | 3.76               | -                  | -                  | -                  | 0.18      | 3.94                | 11.00               | -7.06       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 9.01                          | 3.79               | 3.35               | -                  | -                  | 0.18      | 6.77                | 7.99                | -1.22       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 10.77                         | -1.49              | -2.04              | -1.66              | -                  | 0.18      | 3.23                | 6.23                | -3.00       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 12.02                         | -4.54              | -4.52              | -5.03              | -4.41              | 0.18      | 1.58                | 4.98                | -3.40       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | 3.27               | 3.21               | -                  | -                  | 0.18      | 6.43                | 11.00               | -4.57       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 7.76                          | 1.46               | 1.22               | 1.58               | -                  | 0.18      | 6.38                | 9.24                | -2.86       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 9.01                          | -1.57              | -1.91              | -1.72              | -1.67              | 0.18      | 4.49                | 7.99                | -3.50       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | 3.50               | 3.21               | 3.21               | -                  | 0.18      | 8.26                | 11.00               | -2.74       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 7.25                          | 0.05               | 0.24               | 0.37               | 0.34               | 0.18      | 6.45                | 9.75                | -3.30       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | 1.28               | 1.15               | 1.32               | 1.09               | 0.18      | 7.41                | 11.00               | -3.59       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | 1.56               | 1.15               | -                  | -                  | 0.18      | 4.55                | 7.99                | -3.44       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -1.91              | -1.41              | -1.40              | -                  | 0.18      | 3.38                | 6.23                | -2.85       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -4.52              | -4.91              | -5.20              | -4.51              | 0.18      | 1.43                | 4.98                | -3.55       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | 3.20               | 3.30               | -                  | -                  | 0.18      | 6.44                | 11.00               | -4.56       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | 1.14               | 0.73               | 1.44               | -                  | 0.18      | 6.06                | 9.24                | -3.18       |

|                                       |   |       |       |       |       |       |      |      |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|------|------|-------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -2.77 | -2.54 | -2.86 | -2.97 | 0.18 | 3.42 | 7.99  | -4.57 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | 3.56  | 3.16  | 3.31  | -     | 0.18 | 8.30 | 11.00 | -2.70 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | 0.48  | -0.32 | 0.48  | 0.66  | 0.18 | 6.54 | 9.75  | -3.21 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | 1.59  | 1.26  | 1.61  | 1.17  | 0.18 | 7.61 | 11.00 | -3.39 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | 3.65  | 2.97  | -     | -     | 0.18 | 6.51 | 11.00 | -4.49 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | 3.64  | 3.49  | 3.18  | -     | 0.18 | 8.39 | 11.00 | -2.61 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | 1.49  | 1.65  | 1.63  | 1.27  | 0.18 | 7.72 | 11.00 | -3.28 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | 3.75  | -     | -     | -     | 0.21 | 3.96 | 11.00 | -7.04 |
| HE20, M0.1 to M11.1                   | 2 | 9.01  | 3.89  | 3.44  | -     | -     | 0.21 | 6.89 | 7.99  | -1.10 |
| HE20, M0.1 to M11.1                   | 3 | 10.77 | -1.55 | -1.76 | -1.56 | -     | 0.21 | 3.36 | 6.23  | -2.87 |
| HE20, M0.1 to M11.1                   | 4 | 12.02 | -3.85 | -4.75 | -4.52 | -4.41 | 0.21 | 1.86 | 4.98  | -3.12 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | 3.84  | 3.45  | -     | -     | 0.21 | 6.87 | 11.00 | -4.13 |
| HE20, M0.2 to M11.2                   | 3 | 7.76  | 1.66  | 1.79  | 1.78  | -     | 0.21 | 6.73 | 9.24  | -2.51 |
| HE20, M0.2 to M11.2                   | 4 | 9.01  | -1.58 | -1.20 | -1.46 | -1.15 | 0.21 | 4.89 | 7.99  | -3.10 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | 2.80  | 2.41  | 2.54  | -     | 0.21 | 7.56 | 11.00 | -3.44 |
| HE20, M0.3 to M11.3                   | 4 | 7.25  | 0.53  | 0.61  | 0.39  | 0.76  | 0.21 | 6.81 | 9.75  | -2.94 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | 1.52  | 1.46  | 1.61  | 1.50  | 0.21 | 7.75 | 11.00 | -3.25 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | 1.65  | 1.28  | -     | -     | 0.21 | 4.69 | 7.99  | -3.30 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -1.58 | -1.90 | -1.69 | -     | 0.21 | 3.26 | 6.23  | -2.97 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -4.18 | -4.47 | -4.85 | -4.55 | 0.21 | 1.72 | 4.98  | -3.26 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | 3.86  | 3.38  | -     | -     | 0.21 | 6.84 | 11.00 | -4.16 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | 0.75  | 0.40  | 0.68  | -     | 0.21 | 5.59 | 9.24  | -3.65 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -2.29 | -2.35 | -2.67 | -2.79 | 0.21 | 3.71 | 7.99  | -4.28 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | 3.61  | 3.39  | 3.69  | -     | 0.21 | 8.55 | 11.00 | -2.45 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | 0.60  | 0.60  | 0.77  | 0.75  | 0.21 | 6.91 | 9.75  | -2.84 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | 1.53  | 1.37  | 1.53  | 1.27  | 0.21 | 7.66 | 11.00 | -3.34 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | 3.73  | 3.18  | -     | -     | 0.21 | 6.68 | 11.00 | -4.32 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | 2.71  | 2.27  | 3.01  | -     | 0.21 | 7.66 | 11.00 | -3.34 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | 1.62  | 1.73  | 1.66  | 1.45  | 0.21 | 7.85 | 11.00 | -3.15 |

5510 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -0.49              | -                  | -                  | -                  | 0.3       | -0.22               | 11.00               | -11.22      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -1.65              | -0.99              | -                  | -                  | 0.3       | 1.98                | 11.00               | -9.02       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -2.51              | -1.58              | -1.27              | -                  | 0.3       | 3.29                | 11.00               | -7.71       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -3.26              | -2.76              | -2.33              | -2.29              | 0.3       | 3.65                | 11.00               | -7.35       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 0.64               | -                  | -                  | -                  | 0.2       | 0.86                | 11.00               | -10.14      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 9.01                          | -0.59              | -0.37              | -                  | -                  | 0.2       | 2.75                | 7.99                | -5.24       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 10.77                         | -1.82              | -0.81              | -0.71              | -                  | 0.2       | 3.90                | 6.23                | -2.33       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 12.02                         | -3.76              | -3.13              | -2.01              | -2.14              | 0.2       | 3.54                | 4.98                | -1.44       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -1.17              | -1.13              | -                  | -                  | 0.2       | 2.08                | 11.00               | -8.92       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 7.76                          | -0.86              | -0.39              | 0.39               | -                  | 0.2       | 4.74                | 9.24                | -4.50       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 9.01                          | -1.85              | -0.80              | -0.43              | -0.73              | 0.2       | 5.32                | 7.99                | -2.67       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -1.31              | -0.79              | -0.25              | -                  | 0.2       | 4.23                | 11.00               | -6.77       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 7.25                          | -2.33              | -0.59              | -0.26              | 0.29               | 0.2       | 5.62                | 9.75                | -4.13       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -2.27              | -2.41              | -0.79              | -0.78              | 0.2       | 4.75                | 11.00               | -6.25       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -1.90              | -1.31              | -                  | -                  | 0.2       | 1.63                | 7.99                | -6.36       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -4.85              | -4.15              | -3.27              | -                  | 0.2       | 0.95                | 6.23                | -5.28       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -5.71              | -5.96              | -5.25              | -5.48              | 0.2       | 0.65                | 4.98                | -4.33       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -1.48              | -0.79              | -                  | -                  | 0.2       | 2.11                | 11.00               | -8.89       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -2.03              | -1.06              | -0.39              | -                  | 0.2       | 3.88                | 9.24                | -5.36       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -6.14              | -4.76              | -4.21              | -4.18              | 0.2       | 1.49                | 7.99                | -6.50       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -0.99              | -0.83              | 0.13               | -                  | 0.2       | 4.46                | 11.00               | -6.54       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -3.59              | -1.51              | -1.67              | -0.19              | 0.2       | 4.66                | 9.75                | -5.09       |

|                                       |   |       |       |       |       |       |     |       |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|-----|-------|-------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -2.39 | -1.97 | -0.93 | -0.53 | 0.2 | 4.85  | 11.00 | -6.15  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -1.27 | -0.36 | -     | -     | 0.2 | 2.44  | 11.00 | -8.56  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -0.79 | 0.02  | 0.69  | -     | 0.2 | 5.00  | 11.00 | -6.00  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -2.44 | -1.03 | -0.38 | -0.31 | 0.2 | 5.28  | 11.00 | -5.72  |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -0.68 | -     | -     | -     | 0.2 | -0.46 | 11.00 | -11.46 |
| HE40, M0.1 to M11.1                   | 2 | 9.01  | -1.58 | -1.08 | -     | -     | 0.2 | 1.91  | 7.99  | -6.08  |
| HE40, M0.1 to M11.1                   | 3 | 10.77 | -1.43 | -1.00 | -0.22 | -     | 0.2 | 4.14  | 6.23  | -2.09  |
| HE40, M0.1 to M11.1                   | 4 | 12.02 | -3.70 | -3.38 | -2.18 | -2.20 | 0.2 | 3.43  | 4.98  | -1.55  |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -0.53 | -0.20 | -     | -     | 0.2 | 2.87  | 11.00 | -8.13  |
| HE40, M0.2 to M11.2                   | 3 | 7.76  | -1.62 | -0.95 | -0.39 | -     | 0.2 | 4.04  | 9.24  | -5.20  |
| HE40, M0.2 to M11.2                   | 4 | 9.01  | -2.45 | -1.99 | -1.10 | -1.31 | 0.2 | 4.56  | 7.99  | -3.43  |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -1.32 | -0.97 | -0.55 | -     | 0.2 | 4.06  | 11.00 | -6.94  |
| HE40, M0.3 to M11.3                   | 4 | 7.25  | -2.76 | -1.81 | -1.05 | -1.22 | 0.2 | 4.58  | 9.75  | -5.17  |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -2.59 | -2.35 | -1.45 | -1.12 | 0.2 | 4.41  | 11.00 | -6.59  |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -2.54 | -2.11 | -     | -     | 0.2 | 0.91  | 7.99  | -7.08  |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -5.76 | -4.89 | -4.00 | -     | 0.2 | 0.17  | 6.23  | -6.06  |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -6.69 | -5.77 | -5.17 | -5.70 | 0.2 | 0.44  | 4.98  | -4.54  |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -0.62 | -0.22 | -     | -     | 0.2 | 2.81  | 11.00 | -8.19  |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -2.63 | -1.86 | -1.41 | -     | 0.2 | 3.05  | 9.24  | -6.19  |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -5.64 | -4.79 | -4.03 | -4.06 | 0.2 | 1.66  | 7.99  | -6.33  |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -1.58 | -1.43 | -0.15 | -     | 0.2 | 3.99  | 11.00 | -7.01  |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -3.68 | -2.85 | -2.28 | -2.23 | 0.2 | 3.52  | 9.75  | -6.23  |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -2.49 | -2.03 | -1.02 | -1.06 | 0.2 | 4.64  | 11.00 | -6.36  |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -0.73 | -0.38 | -     | -     | 0.2 | 2.68  | 11.00 | -8.32  |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -1.61 | -0.91 | -0.48 | -     | 0.2 | 4.02  | 11.00 | -6.98  |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -2.51 | -1.97 | -1.42 | -1.02 | 0.2 | 4.55  | 11.00 | -6.45  |

5550 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 0.67               | -                  | -                  | -                  | 0.3       | 0.94                | 11.00               | -10.06      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 0.75               | 0.63               | -                  | -                  | 0.3       | 3.97                | 11.00               | -7.03       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 0.77               | 0.55               | -0.39              | -                  | 0.3       | 5.38                | 11.00               | -5.62       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 0.55               | 0.44               | -0.48              | 0.69               | 0.3       | 6.61                | 11.00               | -4.39       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 0.50               | -                  | -                  | -                  | 0.2       | 0.72                | 11.00               | -10.28      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 9.01                          | 0.65               | 0.29               | -                  | -                  | 0.2       | 3.70                | 7.99                | -4.29       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 10.77                         | 0.61               | 0.44               | 0.75               | -                  | 0.2       | 5.59                | 6.23                | -0.64       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 12.02                         | -3.82              | -3.19              | -3.35              | -3.19              | 0.2       | 2.86                | 4.98                | -2.12       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 0.23               | -0.24              | -                  | -                  | 0.2       | 3.23                | 11.00               | -7.77       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 7.76                          | 0.02               | -0.07              | -0.59              | -                  | 0.2       | 4.79                | 9.24                | -4.45       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 9.01                          | 0.02               | 0.45               | 1.38               | 0.08               | 0.2       | 6.76                | 7.99                | -1.23       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -0.27              | -0.42              | -0.96              | -                  | 0.2       | 4.45                | 11.00               | -6.55       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 7.25                          | -0.16              | 0.67               | -0.19              | 0.89               | 0.2       | 6.57                | 9.75                | -3.18       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -0.06              | 0.01               | -1.13              | -0.02              | 0.2       | 5.97                | 11.00               | -5.03       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 0.52               | 0.56               | -                  | -                  | 0.2       | 3.77                | 7.99                | -4.22       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -1.26              | -1.82              | -1.96              | -                  | 0.2       | 3.32                | 6.23                | -2.91       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -4.35              | -4.55              | -4.99              | -4.35              | 0.2       | 1.69                | 4.98                | -3.29       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 0.27               | -0.25              | -                  | -                  | 0.2       | 3.25                | 11.00               | -7.75       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 0.11               | 0.66               | -0.13              | -                  | 0.2       | 5.22                | 9.24                | -4.02       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -1.05              | -0.57              | -1.20              | -0.89              | 0.2       | 5.32                | 7.99                | -2.67       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 0.51               | -0.13              | -0.85              | -                  | 0.2       | 4.87                | 11.00               | -6.13       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -0.01              | 1.18               | -1.03              | 0.97               | 0.2       | 6.61                | 9.75                | -3.14       |

|                                       |   |       |       |       |       |       |     |      |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|-----|------|-------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -0.13 | -0.13 | -0.30 | -0.13 | 0.2 | 6.07 | 11.00 | -4.93  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 0.03  | -0.36 | -     | -     | 0.2 | 3.07 | 11.00 | -7.93  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 0.25  | 0.74  | -0.46 | -     | 0.2 | 5.20 | 11.00 | -5.80  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 0.26  | 0.56  | -0.31 | 0.45  | 0.2 | 6.49 | 11.00 | -4.51  |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 0.65  | -     | -     | -     | 0.2 | 0.87 | 11.00 | -10.13 |
| HE40, M0.1 to M11.1                   | 2 | 9.01  | 0.73  | 0.51  | -     | -     | 0.2 | 3.85 | 7.99  | -4.14  |
| HE40, M0.1 to M11.1                   | 3 | 10.77 | 0.56  | 0.46  | -0.11 | -     | 0.2 | 5.31 | 6.23  | -0.92  |
| HE40, M0.1 to M11.1                   | 4 | 12.02 | -3.33 | -2.94 | -3.22 | -2.61 | 0.2 | 3.22 | 4.98  | -1.76  |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 0.57  | 0.50  | -     | -     | 0.2 | 3.76 | 11.00 | -7.24  |
| HE40, M0.2 to M11.2                   | 3 | 7.76  | 0.99  | 0.46  | -0.04 | -     | 0.2 | 5.48 | 9.24  | -3.76  |
| HE40, M0.2 to M11.2                   | 4 | 9.01  | 0.91  | 0.69  | -0.08 | 0.61  | 0.2 | 6.79 | 7.99  | -1.20  |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 0.55  | 0.32  | -0.23 | -     | 0.2 | 5.22 | 11.00 | -5.78  |
| HE40, M0.3 to M11.3                   | 4 | 7.25  | 0.88  | 0.52  | -0.17 | 0.71  | 0.2 | 6.74 | 9.75  | -3.01  |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 0.69  | 0.69  | -0.24 | 0.47  | 0.2 | 6.66 | 11.00 | -4.34  |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 0.58  | 0.76  | -     | -     | 0.2 | 3.90 | 7.99  | -4.09  |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -1.30 | -1.30 | -0.16 | -     | 0.2 | 4.10 | 6.23  | -2.13  |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -3.40 | -3.57 | -1.80 | -2.02 | 0.2 | 3.61 | 4.98  | -1.37  |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 0.56  | 0.68  | -     | -     | 0.2 | 3.85 | 11.00 | -7.15  |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | 0.99  | 0.31  | -0.18 | -     | 0.2 | 5.39 | 9.24  | -3.85  |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -0.35 | -0.16 | -1.23 | -0.13 | 0.2 | 5.80 | 7.99  | -2.19  |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 0.66  | 0.31  | -0.48 | -     | 0.2 | 5.18 | 11.00 | -5.82  |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | 0.61  | 0.79  | -0.17 | 0.75  | 0.2 | 6.75 | 9.75  | -3.00  |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 0.52  | 0.62  | -0.08 | 0.56  | 0.2 | 6.65 | 11.00 | -4.35  |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 0.80  | 0.68  | -     | -     | 0.2 | 3.97 | 11.00 | -7.03  |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 0.79  | 0.23  | -0.13 | -     | 0.2 | 5.30 | 11.00 | -5.70  |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 0.59  | 0.75  | -0.16 | 0.61  | 0.2 | 6.70 | 11.00 | -4.30  |

5670 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 0.77               | -                  | -                  | -                  | 0.3       | 1.04                | 11.00               | -9.96       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 0.78               | 0.60               | -                  | -                  | 0.3       | 3.97                | 11.00               | -7.03       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 1.03               | 0.62               | 0.53               | -                  | 0.3       | 5.77                | 11.00               | -5.23       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 0.97               | 0.54               | 0.66               | 0.75               | 0.3       | 7.02                | 11.00               | -3.98       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 0.58               | -                  | -                  | -                  | 0.2       | 0.80                | 11.00               | -10.20      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 9.01                          | 0.64               | 0.33               | -                  | -                  | 0.2       | 3.72                | 7.99                | -4.27       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 10.77                         | -1.61              | -1.36              | -1.75              | -                  | 0.2       | 3.42                | 6.23                | -2.81       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 12.02                         | -3.47              | -3.64              | -3.77              | -3.48              | 0.2       | 2.65                | 4.98                | -2.33       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 0.77               | 0.28               | -                  | -                  | 0.2       | 3.76                | 11.00               | -7.24       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 7.76                          | 1.27               | 1.26               | 0.97               | -                  | 0.2       | 6.16                | 9.24                | -3.08       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 9.01                          | -0.72              | -1.02              | -0.84              | -0.81              | 0.2       | 5.40                | 7.99                | -2.59       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 0.85               | 0.23               | 0.27               | -                  | 0.2       | 5.45                | 11.00               | -5.55       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 7.25                          | -0.36              | 0.62               | -0.44              | 0.44               | 0.2       | 6.33                | 9.75                | -3.42       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 0.66               | 0.69               | 0.24               | 0.41               | 0.2       | 6.74                | 11.00               | -4.26       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 0.54               | 0.34               | -                  | -                  | 0.2       | 3.67                | 7.99                | -4.32       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -3.37              | -3.59              | -3.65              | -                  | 0.2       | 1.46                | 6.23                | -4.77       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -5.26              | -5.60              | -5.56              | -5.18              | 0.2       | 0.85                | 4.98                | -4.13       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 0.76               | 0.31               | -                  | -                  | 0.2       | 3.77                | 11.00               | -7.23       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -0.09              | 0.08               | 0.05               | -                  | 0.2       | 5.00                | 9.24                | -4.24       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -1.88              | -1.89              | -2.22              | -2.01              | 0.2       | 4.24                | 7.99                | -3.75       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 0.64               | 0.20               | 0.54               | -                  | 0.2       | 5.45                | 11.00               | -5.55       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -0.43              | 0.09               | -0.18              | 0.51               | 0.2       | 6.25                | 9.75                | -3.50       |

|                                       |   |       |       |       |       |       |     |      |       |       |
|---------------------------------------|---|-------|-------|-------|-------|-------|-----|------|-------|-------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 0.62  | 0.44  | 0.43  | 0.66  | 0.2 | 6.78 | 11.00 | -4.22 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 0.79  | 0.62  | -     | -     | 0.2 | 3.94 | 11.00 | -7.06 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 0.94  | 0.99  | 1.15  | -     | 0.2 | 6.02 | 11.00 | -4.98 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 0.97  | 0.68  | 0.90  | 0.97  | 0.2 | 7.12 | 11.00 | -3.88 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 0.82  | -     | -     | -     | 0.2 | 1.04 | 11.00 | -9.96 |
| HE40, M0.1 to M11.1                   | 2 | 9.01  | 0.93  | 0.46  | -     | -     | 0.2 | 3.93 | 7.99  | -4.06 |
| HE40, M0.1 to M11.1                   | 3 | 10.77 | -1.18 | -1.71 | -1.43 | -     | 0.2 | 3.56 | 6.23  | -2.67 |
| HE40, M0.1 to M11.1                   | 4 | 12.02 | -4.33 | -4.66 | -4.58 | -4.08 | 0.2 | 1.83 | 4.98  | -3.15 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 1.06  | 0.73  | -     | -     | 0.2 | 4.13 | 11.00 | -6.87 |
| HE40, M0.2 to M11.2                   | 3 | 7.76  | 0.97  | 0.54  | 0.53  | -     | 0.2 | 5.68 | 9.24  | -3.56 |
| HE40, M0.2 to M11.2                   | 4 | 9.01  | -1.28 | -1.26 | -1.28 | -1.13 | 0.2 | 5.01 | 7.99  | -2.98 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 0.83  | 0.56  | 0.58  | -     | 0.2 | 5.65 | 11.00 | -5.35 |
| HE40, M0.3 to M11.3                   | 4 | 7.25  | 0.77  | 0.78  | 0.80  | 1.05  | 0.2 | 7.09 | 9.75  | -2.66 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 0.94  | 0.55  | 0.66  | 0.77  | 0.2 | 6.97 | 11.00 | -4.03 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 1.00  | 0.68  | -     | -     | 0.2 | 4.07 | 7.99  | -3.92 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -3.23 | -3.49 | -3.34 | -     | 0.2 | 1.64 | 6.23  | -4.59 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -5.11 | -5.65 | -5.55 | -5.05 | 0.2 | 0.91 | 4.98  | -4.07 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 0.91  | 0.55  | -     | -     | 0.2 | 3.96 | 11.00 | -7.04 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | 0.81  | 0.69  | 0.57  | -     | 0.2 | 5.68 | 9.24  | -3.56 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -1.91 | -2.47 | -2.34 | -2.36 | 0.2 | 3.98 | 7.99  | -4.01 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 0.89  | 0.41  | 0.51  | -     | 0.2 | 5.60 | 11.00 | -5.40 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -0.24 | -0.27 | -0.23 | -0.07 | 0.2 | 6.04 | 9.75  | -3.71 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 0.77  | 0.42  | 0.74  | 0.43  | 0.2 | 6.83 | 11.00 | -4.17 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 1.00  | 0.62  | -     | -     | 0.2 | 4.04 | 11.00 | -6.96 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 1.14  | 0.48  | 0.55  | -     | 0.2 | 5.72 | 11.00 | -5.28 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 0.82  | 0.85  | 0.74  | 0.88  | 0.2 | 7.07 | 11.00 | -3.93 |

5710 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | 0.88               | -                  | -                  | -                  | 0.3       | 1.15                | 11.00               | -9.85       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | 0.67               | 0.55               | -                  | -                  | 0.3       | 3.89                | 11.00               | -7.11       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | 0.98               | 0.75               | 0.76               | -                  | 0.3       | 5.87                | 11.00               | -5.13       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | 1.02               | 0.75               | 0.96               | 0.77               | 0.3       | 7.16                | 11.00               | -3.84       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | 0.32               | -                  | -                  | -                  | 0.2       | 0.54                | 11.00               | -10.46      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 9.01                          | 0.37               | 0.11               | -                  | -                  | 0.2       | 3.47                | 7.99                | -4.52       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 10.77                         | -1.31              | -1.87              | -1.47              | -                  | 0.2       | 3.45                | 6.23                | -2.78       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 12.02                         | -4.37              | -5.15              | -4.40              | -4.64              | 0.2       | 1.61                | 4.98                | -3.37       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | 0.62               | 0.21               | -                  | -                  | 0.2       | 3.65                | 11.00               | -7.35       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 7.76                          | 1.23               | 0.98               | 1.07               | -                  | 0.2       | 6.09                | 9.24                | -3.15       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 9.01                          | -0.87              | -1.11              | -0.67              | -0.74              | 0.2       | 5.39                | 7.99                | -2.60       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | 0.64               | 0.11               | 0.50               | -                  | 0.2       | 5.41                | 11.00               | -5.59       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 7.25                          | -0.40              | 0.31               | -0.10              | 0.30               | 0.2       | 6.28                | 9.75                | -3.47       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | 0.57               | -0.06              | 0.67               | 0.55               | 0.2       | 6.68                | 11.00               | -4.32       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | 0.65               | 0.23               | -                  | -                  | 0.2       | 3.67                | 7.99                | -4.32       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -3.70              | -3.97              | -3.72              | -                  | 0.2       | 1.20                | 6.23                | -5.03       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -5.52              | -6.12              | -5.60              | -6.08              | 0.2       | 0.42                | 4.98                | -4.56       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | 0.56               | 0.48               | -                  | -                  | 0.2       | 3.75                | 11.00               | -7.25       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | 0.00               | -0.03              | 0.33               | -                  | 0.2       | 5.10                | 9.24                | -4.14       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -2.26              | -2.13              | -2.11              | -1.79              | 0.2       | 4.17                | 7.99                | -3.82       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | 0.53               | 0.64               | 0.43               | -                  | 0.2       | 5.52                | 11.00               | -5.48       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -1.51              | -0.74              | -1.06              | -0.70              | 0.2       | 5.25                | 9.75                | -4.50       |

|                                       |   |       |       |       |       |       |     |      |       |        |
|---------------------------------------|---|-------|-------|-------|-------|-------|-----|------|-------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | 0.56  | 0.20  | 0.60  | 0.33  | 0.2 | 6.67 | 11.00 | -4.33  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | 0.24  | 0.49  | -     | -     | 0.2 | 3.60 | 11.00 | -7.40  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | 0.99  | 1.27  | 1.14  | -     | 0.2 | 6.12 | 11.00 | -4.88  |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | 1.14  | 1.14  | 1.16  | 0.70  | 0.2 | 7.28 | 11.00 | -3.72  |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | 0.70  | -     | -     | -     | 0.2 | 0.92 | 11.00 | -10.08 |
| HE40, M0.1 to M11.1                   | 2 | 9.01  | 0.63  | 0.48  | -     | -     | 0.2 | 3.78 | 7.99  | -4.21  |
| HE40, M0.1 to M11.1                   | 3 | 10.77 | -1.20 | -1.42 | -1.38 | -     | 0.2 | 3.66 | 6.23  | -2.57  |
| HE40, M0.1 to M11.1                   | 4 | 12.02 | -4.22 | -5.01 | -4.17 | -4.73 | 0.2 | 1.72 | 4.98  | -3.26  |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | 0.99  | 0.45  | -     | -     | 0.2 | 3.96 | 11.00 | -7.04  |
| HE40, M0.2 to M11.2                   | 3 | 7.76  | 0.86  | 0.59  | 0.71  | -     | 0.2 | 5.71 | 9.24  | -3.53  |
| HE40, M0.2 to M11.2                   | 4 | 9.01  | -0.96 | -1.33 | -1.15 | -1.37 | 0.2 | 5.04 | 7.99  | -2.95  |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | 0.85  | 0.54  | 0.69  | -     | 0.2 | 5.69 | 11.00 | -5.31  |
| HE40, M0.3 to M11.3                   | 4 | 7.25  | 0.55  | 0.52  | 0.61  | 0.62  | 0.2 | 6.81 | 9.75  | -2.94  |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | 0.98  | 0.55  | 0.84  | 0.90  | 0.2 | 7.06 | 11.00 | -3.94  |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | 0.80  | 0.52  | -     | -     | 0.2 | 3.89 | 7.99  | -4.10  |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -3.26 | -3.71 | -3.06 | -     | 0.2 | 1.66 | 6.23  | -4.57  |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -5.34 | -5.75 | -5.37 | -5.83 | 0.2 | 0.68 | 4.98  | -4.30  |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | 0.89  | 0.42  | -     | -     | 0.2 | 3.89 | 11.00 | -7.11  |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -0.37 | -0.43 | -0.04 | -     | 0.2 | 4.72 | 9.24  | -4.52  |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -2.33 | -2.46 | -1.83 | -2.27 | 0.2 | 4.03 | 7.99  | -3.96  |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | 0.91  | 0.47  | 0.62  | -     | 0.2 | 5.66 | 11.00 | -5.34  |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -0.26 | -0.36 | -0.21 | -0.33 | 0.2 | 5.96 | 9.75  | -3.79  |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | 0.61  | 0.79  | 0.78  | 0.53  | 0.2 | 6.92 | 11.00 | -4.08  |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | 0.74  | 0.83  | -     | -     | 0.2 | 4.02 | 11.00 | -6.98  |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | 1.03  | 0.32  | 0.90  | -     | 0.2 | 5.75 | 11.00 | -5.25  |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | 0.87  | 0.58  | 0.89  | 0.89  | 0.2 | 7.05 | 11.00 | -3.95  |

5530 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -5.22              | -                  | -                  | -                  | 0.29      | -4.93               | 11.00               | -15.93      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -7.26              | -6.51              | -                  | -                  | 0.29      | -3.57               | 11.00               | -14.57      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -9.13              | -8.78              | -7.84              | -                  | 0.29      | -3.49               | 11.00               | -14.49      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -9.38              | -8.66              | -7.56              | -7.99              | 0.29      | -2.03               | 11.00               | -13.03      |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -6.99              | -                  | -                  | -                  | 0.16      | -6.83               | 11.00               | -17.83      |
| VHT80, M0.1 to M9.1    | 2        | 9.01                          | -8.69              | -7.42              | -                  | -                  | 0.16      | -4.84               | 7.99                | -12.83      |
| VHT80, M0.1 to M9.1    | 3        | 10.77                         | -10.45             | -10.26             | -8.90              | -                  | 0.16      | -4.88               | 6.23                | -11.11      |
| VHT80, M0.1 to M9.1    | 4        | 12.02                         | -11.04             | -10.63             | -10.23             | -9.88              | 0.16      | -4.24               | 4.98                | -9.22       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -8.41              | -7.59              | -                  | -                  | 0.16      | -4.81               | 11.00               | -15.81      |
| VHT80, M0.2 to M9.2    | 3        | 7.76                          | -10.90             | -8.93              | -8.49              | -                  | 0.16      | -4.39               | 9.24                | -13.63      |
| VHT80, M0.2 to M9.2    | 4        | 9.01                          | -11.15             | -10.57             | -10.23             | -9.63              | 0.16      | -4.18               | 7.99                | -12.17      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -10.52             | -10.37             | -9.06              | -                  | 0.16      | -5.00               | 11.00               | -16.00      |
| VHT80, M0.3 to M9.3    | 4        | 7.25                          | -10.31             | -8.93              | -8.89              | -7.74              | 0.16      | -2.69               | 9.75                | -12.44      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -10.22             | -9.60              | -8.67              | -8.99              | 0.16      | -3.15               | 11.00               | -14.15      |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -10.58             | -10.17             | -                  | -                  | 0.16      | -7.20               | 7.99                | -15.19      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -14.53             | -13.91             | -13.21             | -                  | 0.16      | -8.92               | 6.23                | -15.15      |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -15.32             | -14.93             | -13.52             | -14.26             | 0.16      | -8.27               | 4.98                | -13.25      |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -8.55              | -7.68              | -                  | -                  | 0.16      | -4.92               | 11.00               | -15.92      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -10.63             | -9.19              | -8.38              | -                  | 0.16      | -4.37               | 9.24                | -13.61      |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -14.33             | -13.03             | -12.03             | -12.86             | 0.16      | -6.80               | 7.99                | -14.79      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -10.17             | -9.78              | -9.07              | -                  | 0.16      | -4.72               | 11.00               | -15.72      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -10.04             | -8.08              | -8.69              | -                  | 0.16      | -3.93               | 9.75                | -13.68      |

|                        |   |       |        |        |        |        |      |        |       |        |
|------------------------|---|-------|--------|--------|--------|--------|------|--------|-------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -12.60 | -11.96 | -10.64 | -11.81 | 0.16 | -5.51  | 11.00 | -16.51 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -8.49  | -7.50  | -      | -      | 0.16 | -4.80  | 11.00 | -15.80 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -10.45 | -9.75  | -9.32  | -      | 0.16 | -4.88  | 11.00 | -15.88 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -11.39 | -10.57 | -10.00 | -10.31 | 0.16 | -4.35  | 11.00 | -15.35 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -5.30  | -      | -      | -      | 0.20 | -5.10  | 11.00 | -16.10 |
| HE80, M0.1 to M11.1    | 2 | 9.01  | -7.52  | -6.81  | -      | -      | 0.20 | -3.94  | 7.99  | -11.93 |
| HE80, M0.1 to M11.1    | 3 | 10.77 | -9.64  | -9.01  | -7.83  | -      | 0.20 | -3.79  | 6.23  | -10.02 |
| HE80, M0.1 to M11.1    | 4 | 12.02 | -9.59  | -9.05  | -8.07  | -8.13  | 0.20 | -2.44  | 4.98  | -7.42  |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -7.58  | -6.81  | -      | -      | 0.20 | -3.97  | 11.00 | -14.97 |
| HE80, M0.2 to M11.2    | 3 | 7.76  | -9.23  | -8.93  | -8.00  | -      | 0.20 | -3.72  | 9.24  | -12.96 |
| HE80, M0.2 to M11.2    | 4 | 9.01  | -10.19 | -9.73  | -9.25  | -9.14  | 0.20 | -3.34  | 7.99  | -11.33 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -9.40  | -8.95  | -8.44  | -      | 0.20 | -3.94  | 11.00 | -14.94 |
| HE80, M0.3 to M11.3    | 4 | 7.25  | -10.58 | -10.00 | -9.04  | -9.24  | 0.20 | -3.45  | 9.75  | -13.20 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -9.73  | -9.03  | -8.42  | -8.31  | 0.20 | -2.62  | 11.00 | -13.62 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -10.36 | -10.10 | -      | -      | 0.20 | -7.02  | 7.99  | -15.01 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -13.60 | -12.80 | -11.99 | -      | 0.20 | -7.78  | 6.23  | -14.01 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -17.49 | -16.88 | -16.06 | -16.07 | 0.20 | -10.36 | 4.98  | -15.34 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -8.68  | -8.04  | -      | -      | 0.20 | -5.14  | 11.00 | -16.14 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -10.39 | -10.00 | -9.40  | -      | 0.20 | -4.94  | 9.24  | -14.18 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -13.30 | -12.69 | -12.09 | -11.74 | 0.20 | -6.19  | 7.99  | -14.18 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -9.65  | -9.12  | -8.24  | -      | 0.20 | -4.00  | 11.00 | -15.00 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -11.36 | -10.85 | -10.03 | -9.87  | 0.20 | -4.26  | 9.75  | -14.01 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -10.55 | -10.06 | -9.34  | -9.05  | 0.20 | -3.49  | 11.00 | -14.49 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -7.71  | -7.05  | -      | -      | 0.20 | -4.16  | 11.00 | -15.16 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -9.73  | -8.94  | -8.37  | -      | 0.20 | -4.01  | 11.00 | -15.01 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -9.37  | -8.76  | -8.00  | -8.17  | 0.20 | -2.32  | 11.00 | -13.32 |

5610 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -1.81              | -                  | -                  | -                  | 0.29      | -1.92               | 11.00               | -12.92      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -1.84              | -2.04              | -                  | -                  | 0.29      | 0.96                | 11.00               | -10.04      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -2.03              | -2.20              | -2.73              | -                  | 0.29      | 2.35                | 11.00               | -8.65       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -1.85              | -2.07              | -2.55              | -1.99              | 0.29      | 3.80                | 11.00               | -7.20       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -3.09              | -                  | -                  | -                  | 0.16      | -3.33               | 11.00               | -14.33      |
| VHT80, M0.1 to M9.1    | 2        | 9.01                          | -3.19              | -3.35              | -                  | -                  | 0.16      | -0.50               | 7.99                | -8.49       |
| VHT80, M0.1 to M9.1    | 3        | 10.77                         | -3.02              | -4.05              | -1.33              | -                  | 0.16      | 1.88                | 6.23                | -4.35       |
| VHT80, M0.1 to M9.1    | 4        | 12.02                         | -3.06              | -3.69              | -2.31              | -2.45              | 0.16      | 2.94                | 4.98                | -2.04       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -3.12              | -3.81              | -                  | -                  | 0.16      | -0.68               | 11.00               | -11.68      |
| VHT80, M0.2 to M9.2    | 3        | 7.76                          | -2.70              | -2.76              | -3.69              | -                  | 0.16      | 1.50                | 9.24                | -7.74       |
| VHT80, M0.2 to M9.2    | 4        | 9.01                          | -3.16              | -3.22              | -3.94              | -3.28              | 0.16      | 2.39                | 7.99                | -5.60       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -3.30              | -3.69              | -3.95              | -                  | 0.16      | 0.89                | 11.00               | -10.11      |
| VHT80, M0.3 to M9.3    | 4        | 7.25                          | -2.77              | -2.16              | -3.73              | -2.02              | 0.16      | 3.16                | 9.75                | -6.59       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -3.02              | -3.59              | -3.97              | -3.78              | 0.16      | 2.21                | 11.00               | -8.79       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -3.10              | -3.33              | -                  | -                  | 0.16      | -0.44               | 7.99                | -8.43       |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -5.29              | -4.49              | -5.71              | -                  | 0.16      | -0.60               | 6.23                | -6.83       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -7.47              | -7.22              | -8.08              | -7.55              | 0.16      | -1.79               | 4.98                | -6.77       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -3.30              | -3.52              | -                  | -                  | 0.16      | -0.64               | 11.00               | -11.64      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -2.83              | -2.48              | -4.13              | -                  | 0.16      | 1.44                | 9.24                | -7.80       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -3.80              | -3.88              | -4.35              | -3.94              | 0.16      | 1.79                | 7.99                | -6.20       |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -2.68              | -3.50              | -4.47              | -                  | 0.16      | 1.04                | 11.00               | -9.96       |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -2.70              | -2.70              | -3.66              | -                  | 0.16      | 1.54                | 9.75                | -8.21       |

|                        |   |       |       |       |       |       |      |       |       |        |
|------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -3.04 | -3.66 | -4.07 | -3.34 | 0.16 | 2.27  | 11.00 | -8.73  |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -3.03 | -3.77 | -     | -     | 0.16 | -0.61 | 11.00 | -11.61 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -3.36 | -3.50 | -4.06 | -     | 0.16 | 0.90  | 11.00 | -10.10 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -3.36 | -3.55 | -3.81 | -4.35 | 0.16 | 2.03  | 11.00 | -8.97  |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -2.29 | -     | -     | -     | 0.20 | -2.39 | 11.00 | -13.39 |
| HE80, M0.1 to M11.1    | 2 | 9.01  | -2.33 | -2.78 | -     | -     | 0.20 | 0.36  | 7.99  | -7.63  |
| HE80, M0.1 to M11.1    | 3 | 10.77 | -1.83 | -2.25 | -3.31 | -     | 0.20 | 2.25  | 6.23  | -3.98  |
| HE80, M0.1 to M11.1    | 4 | 12.02 | -2.34 | -2.31 | -2.05 | -2.18 | 0.20 | 3.70  | 4.98  | -1.28  |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -2.00 | -2.62 | -     | -     | 0.20 | 0.61  | 11.00 | -10.39 |
| HE80, M0.2 to M11.2    | 3 | 7.76  | -2.08 | -2.81 | -3.27 | -     | 0.20 | 1.98  | 9.24  | -7.26  |
| HE80, M0.2 to M11.2    | 4 | 9.01  | -2.31 | -2.79 | -3.57 | -2.32 | 0.20 | 3.20  | 7.99  | -4.79  |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -2.32 | -2.61 | -3.22 | -     | 0.20 | 1.97  | 11.00 | -9.03  |
| HE80, M0.3 to M11.3    | 4 | 7.25  | -2.02 | -2.49 | -3.73 | -2.26 | 0.20 | 3.34  | 9.75  | -6.41  |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -2.29 | -2.56 | -3.38 | -3.06 | 0.20 | 3.12  | 11.00 | -7.88  |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -2.24 | -2.71 | -     | -     | 0.20 | 0.44  | 7.99  | -7.55  |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -4.36 | -4.60 | -5.21 | -     | 0.20 | -0.04 | 6.23  | -6.27  |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -6.21 | -6.82 | -6.99 | -6.77 | 0.20 | -0.77 | 4.98  | -5.75  |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -2.28 | -2.66 | -     | -     | 0.20 | 0.45  | 11.00 | -10.55 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -2.07 | -2.67 | -3.19 | -     | 0.20 | 2.05  | 9.24  | -7.19  |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -3.45 | -3.61 | -3.88 | -3.95 | 0.20 | 2.20  | 7.99  | -5.79  |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -2.20 | -2.23 | -3.20 | -     | 0.20 | 2.15  | 11.00 | -8.85  |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -2.35 | -2.06 | -3.51 | -2.50 | 0.20 | 3.35  | 9.75  | -6.40  |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -2.10 | -2.60 | -3.52 | -2.82 | 0.20 | 3.19  | 11.00 | -7.81  |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -2.19 | -2.48 | -     | -     | 0.20 | 0.58  | 11.00 | -10.42 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -2.10 | -2.67 | -3.54 | -     | 0.20 | 1.94  | 11.00 | -9.06  |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -2.29 | -2.44 | -3.37 | -2.67 | 0.20 | 3.25  | 11.00 | -7.75  |

5690 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) | DCCF (dB) | Total PSD (dBm/MHz) | FCC Limit (dBm/MHz) | Margin (dB) |
|------------------------|----------|-------------------------------|--------------------|--------------------|--------------------|--------------------|-----------|---------------------|---------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -2.13              | -                  | -                  | -                  | 0.29      | -2.24               | 11.00               | -13.24      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -2.12              | -1.05              | -                  | -                  | 0.29      | 1.35                | 11.00               | -9.65       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -1.86              | -0.54              | -0.64              | -                  | 0.29      | 3.69                | 11.00               | -7.31       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -2.14              | -0.87              | -0.55              | -0.32              | 0.29      | 5.00                | 11.00               | -6.00       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -2.98              | -                  | -                  | -                  | 0.16      | -3.22               | 11.00               | -14.22      |
| VHT80, M0.1 to M9.1    | 2        | 9.01                          | -2.51              | -1.48              | -                  | -                  | 0.16      | 0.81                | 7.99                | -7.18       |
| VHT80, M0.1 to M9.1    | 3        | 10.77                         | -2.52              | -1.47              | -1.08              | -                  | 0.16      | 2.88                | 6.23                | -3.35       |
| VHT80, M0.1 to M9.1    | 4        | 12.02                         | -2.80              | -1.52              | -2.14              | -2.18              | 0.16      | 3.64                | 4.98                | -1.34       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -2.97              | -1.36              | -                  | -                  | 0.16      | 0.68                | 11.00               | -10.32      |
| VHT80, M0.2 to M9.2    | 3        | 7.76                          | -2.50              | -0.71              | -0.60              | -                  | 0.16      | 3.34                | 9.24                | -5.90       |
| VHT80, M0.2 to M9.2    | 4        | 9.01                          | -2.51              | -0.99              | -0.27              | -0.82              | 0.16      | 4.71                | 7.99                | -3.28       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -2.70              | -1.57              | -1.28              | -                  | 0.16      | 2.72                | 11.00               | -8.28       |
| VHT80, M0.3 to M9.3    | 4        | 7.25                          | -2.34              | -0.35              | -0.95              | -0.24              | 0.16      | 4.89                | 9.75                | -4.86       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -2.62              | -1.76              | -1.17              | -1.41              | 0.16      | 4.07                | 11.00               | -6.93       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -2.61              | -1.37              | -                  | -                  | 0.16      | 0.83                | 7.99                | -7.16       |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -4.53              | -4.68              | -4.53              | -                  | 0.16      | -0.05               | 6.23                | -6.28       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -6.64              | -6.39              | -6.30              | -6.28              | 0.16      | -0.62               | 4.98                | -5.60       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -2.68              | -1.56              | -                  | -                  | 0.16      | 0.69                | 11.00               | -10.31      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -2.16              | -0.65              | -0.16              | -                  | 0.16      | 3.62                | 9.24                | -5.62       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -2.98              | -3.27              | -2.70              | -2.72              | 0.16      | 2.87                | 7.99                | -5.12       |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -2.65              | -1.87              | -1.25              | -                  | 0.16      | 2.65                | 11.00               | -8.35       |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -2.61              | -0.38              | -0.84              | -0.67              | 0.16      | 3.36                | 9.75                | -6.39       |

|                        |   |       |       |       |       |       |      |       |       |        |
|------------------------|---|-------|-------|-------|-------|-------|------|-------|-------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -2.53 | -2.38 | -2.29 | -2.16 | 0.16 | 3.44  | 11.00 | -7.56  |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -2.66 | -1.51 | -     | -     | 0.16 | 0.72  | 11.00 | -10.28 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -2.23 | -1.68 | -1.11 | -     | 0.16 | 2.88  | 11.00 | -8.12  |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -2.62 | -1.39 | -1.04 | -1.00 | 0.16 | 4.32  | 11.00 | -6.68  |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -2.34 | -     | -     | -     | 0.20 | -2.44 | 11.00 | -13.44 |
| HE80, M0.1 to M11.1    | 2 | 9.01  | -2.43 | -1.32 | -     | -     | 0.20 | 1.07  | 7.99  | -6.92  |
| HE80, M0.1 to M11.1    | 3 | 10.77 | -2.37 | -1.23 | -0.82 | -     | 0.20 | 3.25  | 6.23  | -2.98  |
| HE80, M0.1 to M11.1    | 4 | 12.02 | -1.88 | -0.84 | -1.57 | -1.58 | 0.20 | 4.47  | 4.98  | -0.51  |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -2.26 | -1.10 | -     | -     | 0.20 | 1.27  | 11.00 | -9.73  |
| HE80, M0.2 to M11.2    | 3 | 7.76  | -2.24 | -1.50 | -0.82 | -     | 0.20 | 3.19  | 9.24  | -6.05  |
| HE80, M0.2 to M11.2    | 4 | 9.01  | -2.39 | -0.93 | -0.74 | -0.26 | 0.20 | 4.91  | 7.99  | -3.08  |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -2.52 | -1.03 | -0.86 | -     | 0.20 | 3.26  | 11.00 | -7.74  |
| HE80, M0.3 to M11.3    | 4 | 7.25  | -2.28 | -0.90 | -0.92 | -0.49 | 0.20 | 4.82  | 9.75  | -4.93  |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -2.36 | -1.13 | -0.77 | -0.94 | 0.20 | 4.66  | 11.00 | -6.34  |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -2.45 | -1.07 | -     | -     | 0.20 | 1.21  | 7.99  | -6.78  |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -4.34 | -4.27 | -4.10 | -     | 0.20 | 0.44  | 6.23  | -5.79  |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -6.44 | -6.06 | -5.98 | -5.74 | 0.20 | -0.13 | 4.98  | -5.11  |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -2.59 | -1.13 | -     | -     | 0.20 | 1.11  | 11.00 | -9.89  |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -2.38 | -0.86 | -0.65 | -     | 0.20 | 3.44  | 9.24  | -5.80  |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -4.12 | -3.29 | -2.96 | -2.70 | 0.20 | 2.68  | 7.99  | -5.31  |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -2.17 | -1.31 | -0.73 | -     | 0.20 | 3.31  | 11.00 | -7.69  |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -2.39 | -2.08 | -1.92 | -1.66 | 0.20 | 3.92  | 9.75  | -5.83  |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -2.40 | -1.17 | -0.64 | -0.90 | 0.20 | 4.69  | 11.00 | -6.31  |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -2.21 | -1.05 | -     | -     | 0.20 | 1.32  | 11.00 | -9.68  |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -2.42 | -1.02 | -0.78 | -     | 0.20 | 3.32  | 11.00 | -7.68  |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -2.31 | -1.23 | -0.66 | -0.80 | 0.20 | 4.72  | 11.00 | -6.28  |

## Test results for Out of Band Emissions

5500 MHz (Peak):

| Mode                                | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm)   | FCC Peak Limit (dBm) | Margin (dB)   |
|-------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------|----------------------|---------------|
| <b>non HT20, 6 to 54 Mbps</b>       | <b>1</b> | <b>6.00</b>                   | <b>-40.59</b>       | <b>-</b>            | <b>-</b>            | <b>-</b>            | <b>-34.59</b> | <b>-21.25</b>        | <b>-13.34</b> |
| non HT20, 6 to 54 Mbps              | 2        | 6.00                          | -58.72              | -58.29              | -                   | -                   | -49.49        | -21.25               | -28.24        |
| non HT20, 6 to 54 Mbps              | 3        | 6.00                          | -58.96              | -60.94              | -61.28              | -                   | -49.50        | -21.25               | -28.25        |
| non HT20, 6 to 54 Mbps              | 4        | 6.00                          | -58.95              | -60.24              | -61.27              | -58.00              | -47.42        | -21.25               | -26.17        |
| non HT20, 6 to 54 Mbps-BF           | 2        | 9.01                          | -57.51              | -60.69              | -                   | -                   | -46.79        | -21.25               | -25.54        |
| non HT20, 6 to 54 Mbps-BF           | 3        | 10.77                         | -58.63              | -62.29              | -61.86              | -                   | -45.06        | -21.25               | -23.81        |
| non HT20, 6 to 54 Mbps-BF           | 4        | 12.02                         | -60.68              | -64.73              | -63.87              | -63.24              | -44.81        | -21.25               | -23.56        |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 1        | 6.00                          | -60.47              | -                   | -                   | -                   | -54.47        | -21.25               | -33.22        |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 2        | 6.00                          | -59.13              | -61.70              | -                   | -                   | -51.22        | -21.25               | -29.97        |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 3        | 6.00                          | -58.88              | -60.60              | -60.46              | -                   | -49.13        | -21.25               | -27.88        |
| HT/VHT20, M0 to M7, M0.1 to M8.1    | 4        | 6.00                          | -59.20              | -60.99              | -61.12              | -59.36              | -48.05        | -21.25               | -26.80        |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 2        | 6.00                          | -57.13              | -60.33              | -                   | -                   | -49.43        | -21.25               | -28.18        |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 3        | 6.00                          | -55.93              | -61.34              | -59.75              | -                   | -47.62        | -21.25               | -26.37        |
| HT/VHT20, M8 to M15, M0.2 to M8.2   | 4        | 6.00                          | -59.44              | -60.91              | -61.00              | -58.57              | -47.84        | -21.25               | -26.59        |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 3        | 6.00                          | -58.93              | -61.55              | -60.29              | -                   | -49.35        | -21.25               | -28.10        |
| HT/VHT20, M16 to M23, M0.3 to M8.3  | 4        | 6.00                          | -57.36              | -61.60              | -60.55              | -59.16              | -47.35        | -21.25               | -26.10        |
| HT/VHT20, M24 to M31, M0.4 to M8.4  | 4        | 6.00                          | -57.36              | -61.60              | -60.55              | -59.16              | -47.35        | -21.25               | -26.10        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 2        | 9.01                          | -59.58              | -60.15              | -                   | -                   | -47.84        | -21.25               | -26.59        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 3        | 10.77                         | -59.51              | -62.54              | -62.30              | -                   | -45.68        | -21.25               | -24.43        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF | 4        | 12.02                         | -61.82              | -64.83              | -64.06              | -63.34              | -45.33        | -21.25               | -24.08        |

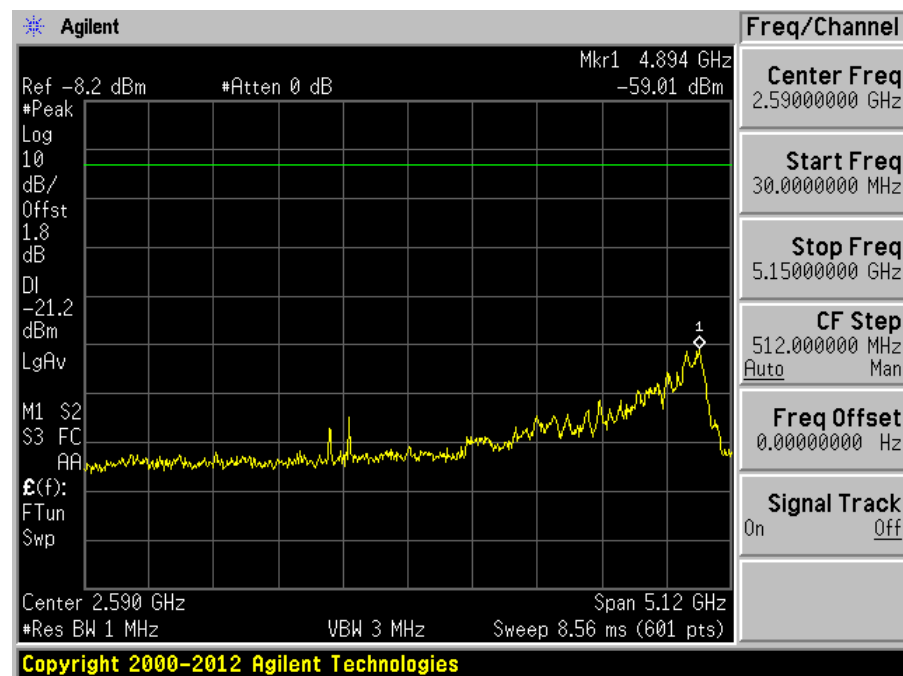
|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 2 | 6.00  | -57.93 | -61.12 | -      | -      | -50.23 | -21.25 | -28.98 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 3 | 7.76  | -55.55 | -62.61 | -60.88 | -      | -46.06 | -21.25 | -24.81 |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -58.66 | -61.98 | -62.21 | -61.58 | -45.82 | -21.25 | -24.57 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -57.30 | -61.12 | -58.72 | -      | -48.01 | -21.25 | -26.76 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -56.42 | -59.10 | -61.02 | -59.26 | -45.36 | -21.25 | -24.11 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -56.42 | -59.10 | -61.02 | -59.26 | -45.36 | -21.25 | -24.11 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -57.63 | -61.45 | -      | -      | -50.12 | -21.25 | -28.87 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -54.74 | -60.59 | -60.63 | -      | -46.93 | -21.25 | -25.68 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -59.06 | -61.17 | -59.54 | -59.02 | -47.59 | -21.25 | -26.34 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -57.29 | -      | -      | -      | -51.29 | -21.25 | -30.04 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -55.97 | -58.25 | -      | -      | -47.95 | -21.25 | -26.70 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -56.37 | -61.23 | -60.95 | -      | -48.13 | -21.25 | -26.88 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -58.58 | -61.43 | -60.63 | -57.71 | -47.31 | -21.25 | -26.06 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -56.82 | -58.36 | -      | -      | -48.51 | -21.25 | -27.26 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -56.30 | -61.44 | -60.95 | -      | -48.13 | -21.25 | -26.88 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -58.30 | -60.58 | -60.54 | -57.60 | -47.03 | -21.25 | -25.78 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -58.31 | -60.71 | -61.49 | -      | -49.18 | -21.25 | -27.93 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -59.20 | -60.12 | -61.00 | -56.29 | -46.74 | -21.25 | -25.49 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -57.69 | -61.96 | -61.42 | -59.34 | -47.74 | -21.25 | -26.49 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -59.38 | -61.09 | -      | -      | -48.13 | -21.25 | -26.88 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -59.57 | -61.75 | -62.73 | -      | -45.60 | -21.25 | -24.35 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -61.40 | -64.02 | -63.76 | -63.69 | -45.04 | -21.25 | -23.79 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -56.70 | -61.48 | -      | -      | -49.46 | -21.25 | -28.21 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -56.52 | -60.05 | -60.27 | -      | -46.05 | -21.25 | -24.80 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -58.60 | -62.53 | -62.81 | -60.97 | -45.85 | -21.25 | -24.60 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -56.85 | -58.89 | -59.32 | -      | -47.44 | -21.25 | -26.19 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -55.15 | -60.45 | -60.97 | -59.20 | -45.00 | -21.25 | -23.75 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -58.45 | -60.82 | -60.89 | -58.63 | -47.52 | -21.25 | -26.27 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -57.88 | -61.01 | -      | -      | -50.16 | -21.25 | -28.91 |

|                      |   |      |        |        |        |        |        |        |        |
|----------------------|---|------|--------|--------|--------|--------|--------|--------|--------|
| HE20, M0 to M11-STBC | 3 | 6.00 | -56.27 | -61.45 | -60.60 | -      | -48.04 | -21.25 | -26.79 |
| HE20, M0 to M11-STBC | 4 | 6.00 | -58.05 | -60.84 | -61.29 | -58.54 | -47.43 | -21.25 | -26.18 |

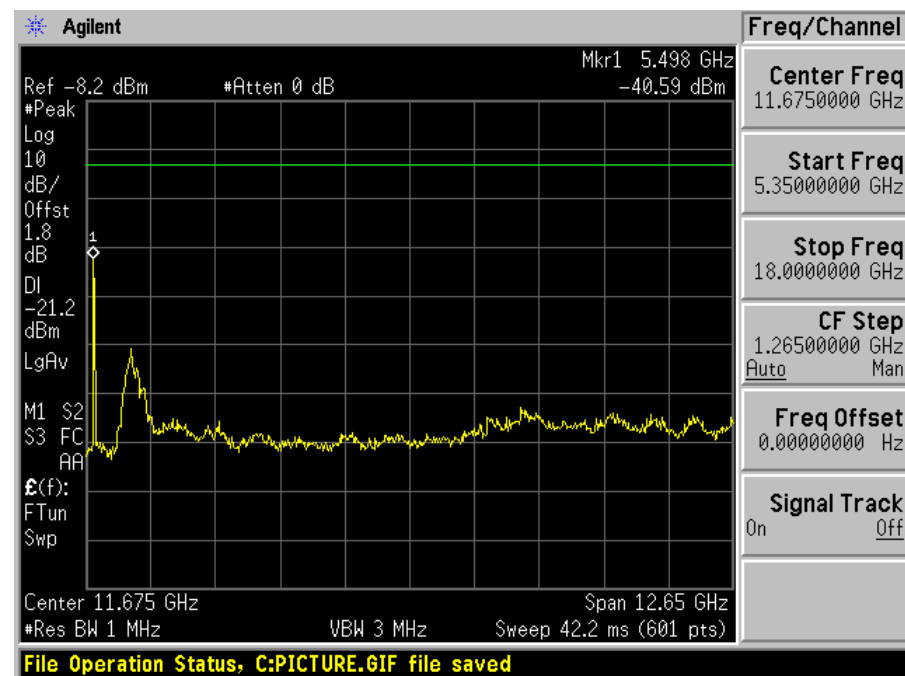
Please refer to the following plots for the worst case configuration

5500 MHz

Ant-a-1



Ant-a-2



## 5500 MHz (Average):

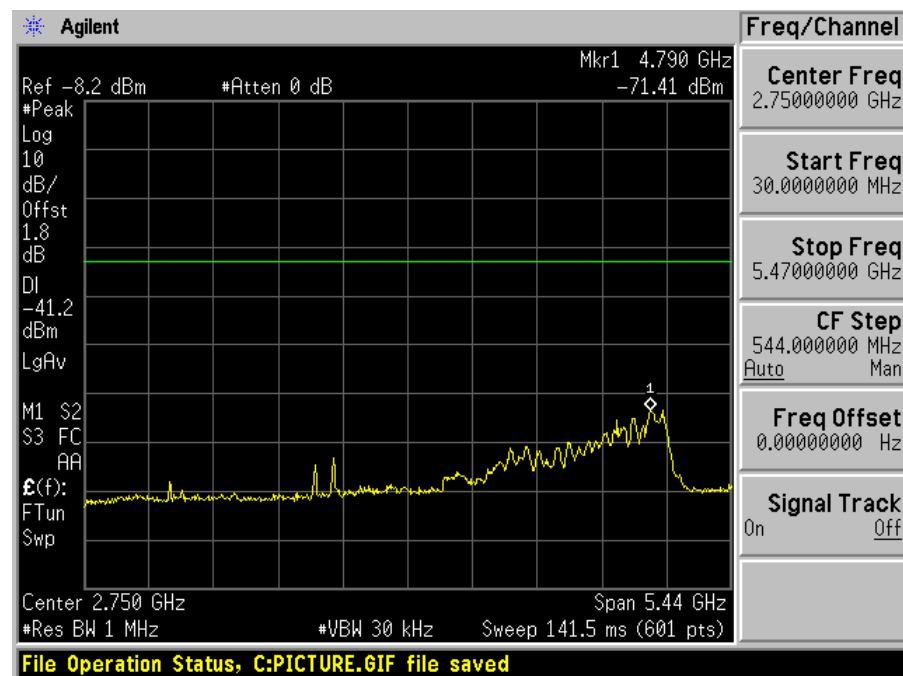
| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm)   | FCC Average Limit (dBm) | Margin (dB)  |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|---------------|-------------------------|--------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -62.70              | -                   | -                   | -                   | -56.70        | -41.25                  | -15.45       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -62.22              | -66.36              | -                   | -                   | -54.80        | -41.25                  | -13.55       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -61.22              | -68.10              | -69.15              | -                   | -53.86        | -41.25                  | -12.61       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -63.05              | -68.36              | -68.21              | -66.61              | -53.95        | -41.25                  | -12.70       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -62.72              | -68.76              | -                   | -                   | -52.74        | -41.25                  | -11.49       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -63.91              | -69.77              | -68.87              | -                   | -51.16        | -41.25                  | -9.91        |
| <b>non HT20, 6 to 54 Mbps-BF</b>     | <b>4</b> | <b>12.02</b>                  | <b>-69.72</b>       | <b>-70.26</b>       | <b>-69.95</b>       | <b>-63.62</b>       | <b>-49.31</b> | <b>-41.25</b>           | <b>-8.06</b> |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -62.57              | -                   | -                   | -                   | -56.57        | -41.25                  | -15.32       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -62.19              | -68.46              | -                   | -                   | -55.27        | -41.25                  | -14.02       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -61.40              | -68.49              | -68.52              | -                   | -53.97        | -41.25                  | -12.72       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -62.54              | -68.14              | -67.25              | -65.65              | -53.31        | -41.25                  | -12.06       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -59.81              | -68.90              | -                   | -                   | -53.30        | -41.25                  | -12.05       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -61.34              | -68.62              | -68.47              | -                   | -53.94        | -41.25                  | -12.69       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -62.17              | -68.47              | -68.35              | -66.59              | -53.53        | -41.25                  | -12.28       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -61.03              | -68.41              | -67.49              | -                   | -53.54        | -41.25                  | -12.29       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -61.35              | -68.47              | -68.22              | -66.35              | -53.00        | -41.25                  | -11.75       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -61.35              | -68.47              | -68.22              | -66.35              | -53.00        | -41.25                  | -11.75       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -63.07              | -68.65              | -                   | -                   | -53.00        | -41.25                  | -11.75       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -63.13              | -69.94              | -69.44              | -                   | -50.77        | -41.25                  | -9.52        |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -68.51              | -70.95              | -69.48              | -66.04              | -50.33        | -41.25                  | -9.08        |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -59.63              | -68.72              | -                   | -                   | -53.12        | -41.25                  | -11.87       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -61.96              | -68.42              | -68.21              | -                   | -52.55        | -41.25                  | -11.30       |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -64.50 | -70.24 | -69.23 | -68.66 | -52.51 | -41.25 | -11.26 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -58.34 | -68.64 | -66.34 | -      | -51.37 | -41.25 | -10.12 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -61.54 | -68.27 | -68.31 | -66.63 | -51.90 | -41.25 | -10.65 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -61.54 | -68.27 | -68.31 | -66.63 | -51.90 | -41.25 | -10.65 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -59.28 | -67.75 | -      | -      | -52.70 | -41.25 | -11.45 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -61.64 | -68.28 | -67.74 | -      | -53.99 | -41.25 | -12.74 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -61.63 | -68.69 | -68.47 | -66.10 | -53.17 | -41.25 | -11.92 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -59.63 | -      | -      | -      | -53.63 | -41.25 | -12.38 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -59.19 | -66.06 | -      | -      | -52.37 | -41.25 | -11.12 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -61.23 | -68.54 | -68.15 | -      | -53.80 | -41.25 | -12.55 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -61.94 | -68.32 | -67.95 | -66.82 | -53.37 | -41.25 | -12.12 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -59.59 | -66.13 | -      | -      | -52.72 | -41.25 | -11.47 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -61.30 | -67.92 | -68.07 | -      | -53.75 | -41.25 | -12.50 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -62.20 | -68.75 | -68.52 | -66.21 | -53.52 | -41.25 | -12.27 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -61.81 | -68.21 | -67.41 | -      | -54.04 | -41.25 | -12.79 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -61.75 | -68.15 | -67.76 | -65.83 | -53.03 | -41.25 | -11.78 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -61.84 | -68.95 | -68.22 | -66.20 | -53.31 | -41.25 | -12.06 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -62.48 | -68.46 | -      | -      | -52.49 | -41.25 | -11.24 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -64.17 | -69.68 | -69.06 | -      | -51.34 | -41.25 | -10.09 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -69.50 | -71.42 | -68.66 | -69.16 | -51.53 | -41.25 | -10.28 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -59.58 | -68.21 | -      | -      | -53.02 | -41.25 | -11.77 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -61.99 | -67.49 | -67.77 | -      | -52.34 | -41.25 | -11.09 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -65.36 | -69.89 | -69.03 | -68.91 | -52.88 | -41.25 | -11.63 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -58.57 | -66.65 | -66.28 | -      | -51.35 | -41.25 | -10.10 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -62.08 | -68.48 | -67.57 | -66.24 | -52.05 | -41.25 | -10.80 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -62.02 | -68.87 | -68.23 | -66.19 | -53.40 | -41.25 | -12.15 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -60.03 | -68.35 | -      | -      | -53.43 | -41.25 | -12.18 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -61.43 | -68.57 | -68.00 | -      | -53.93 | -41.25 | -12.68 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -62.03 | -68.62 | -67.62 | -62.18 | -52.12 | -41.25 | -10.87 |

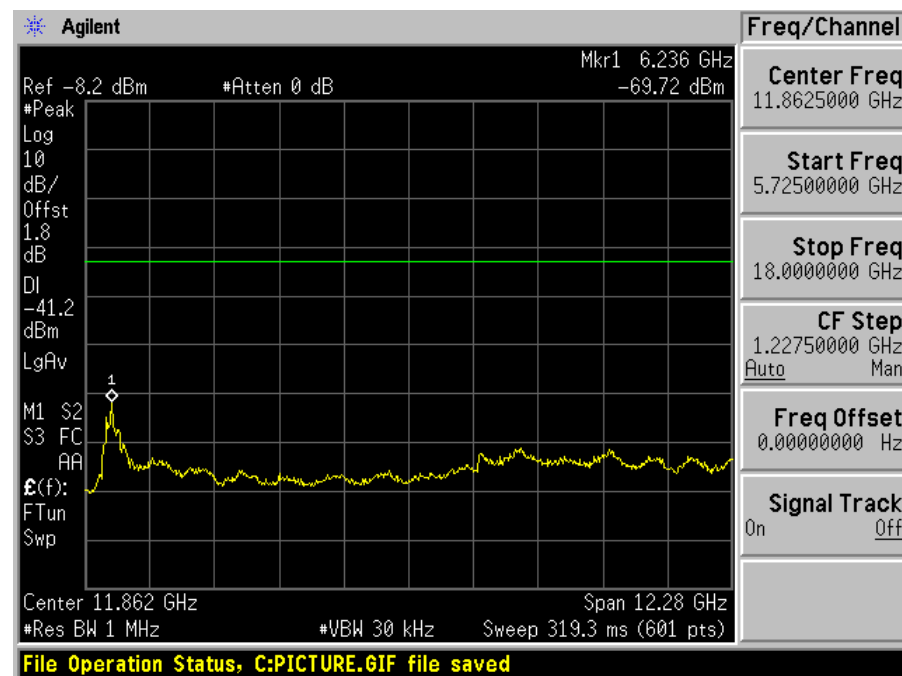
Please refer to the following plots for the worst case configuration

5500 MHz

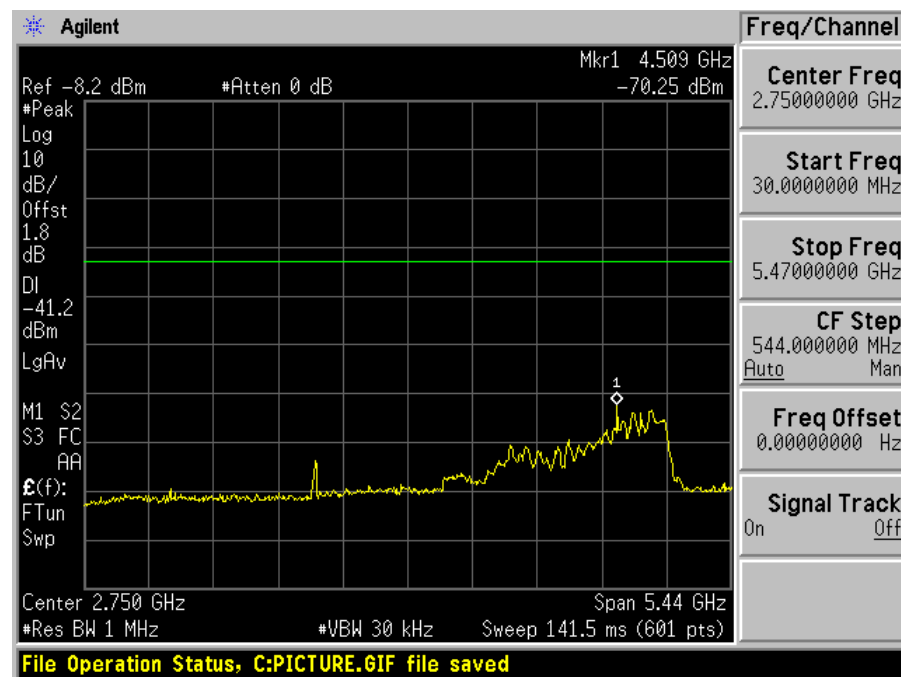
Ant-a-1



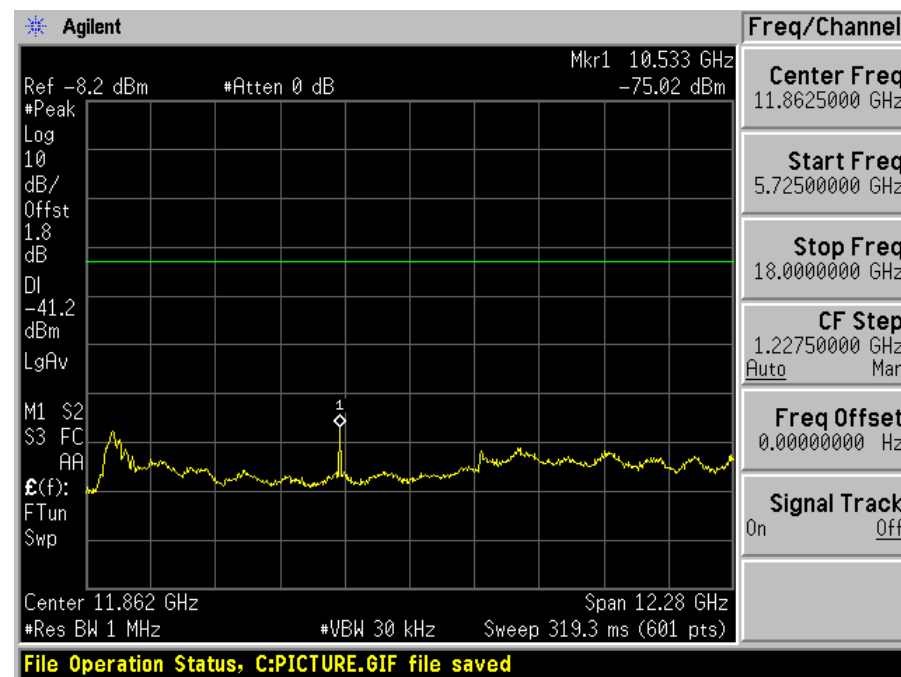
Ant-a-2



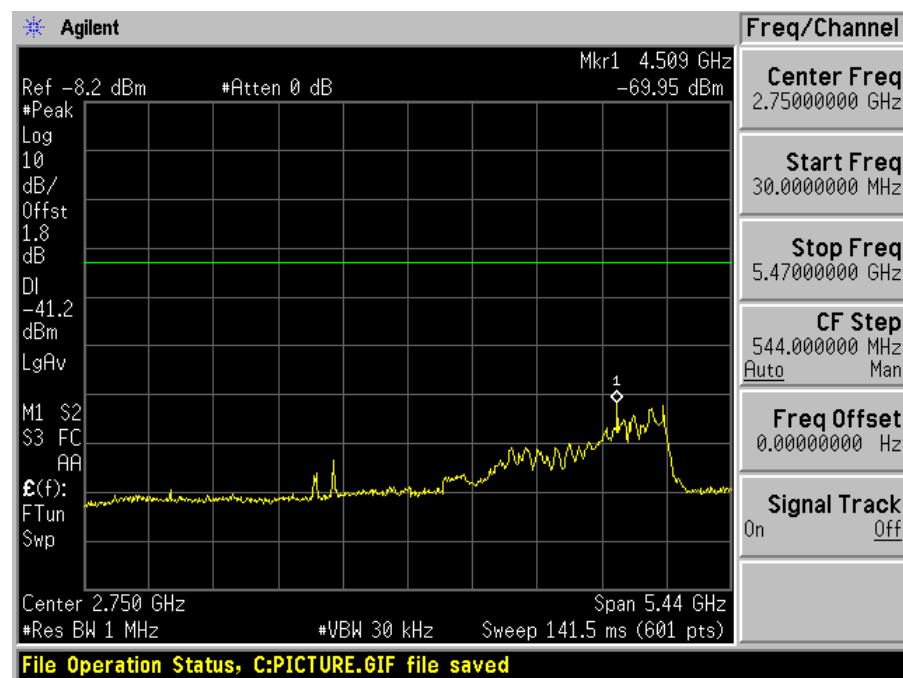
Ant-b-1



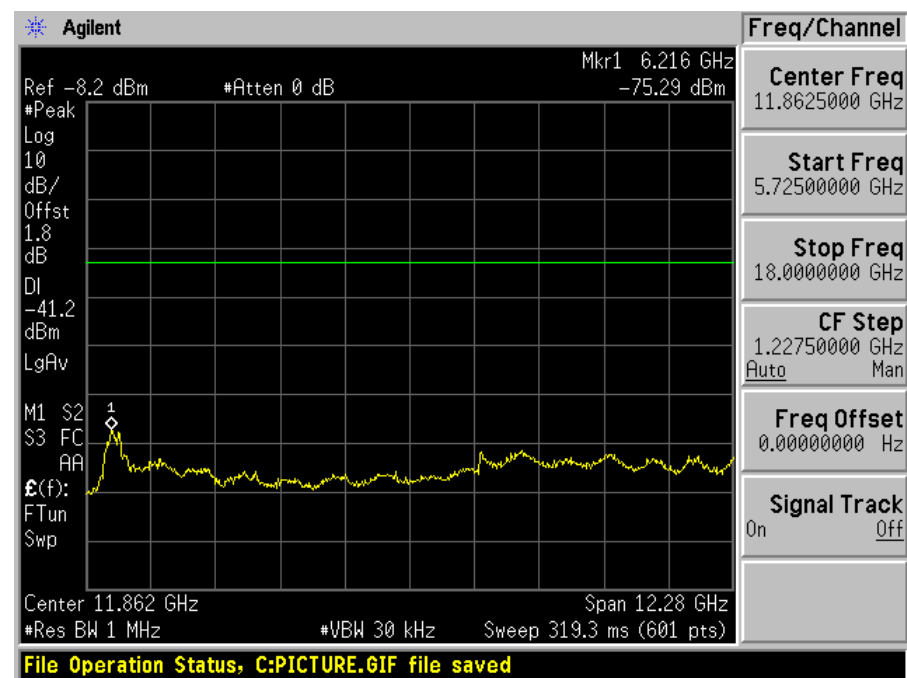
Ant-b-2



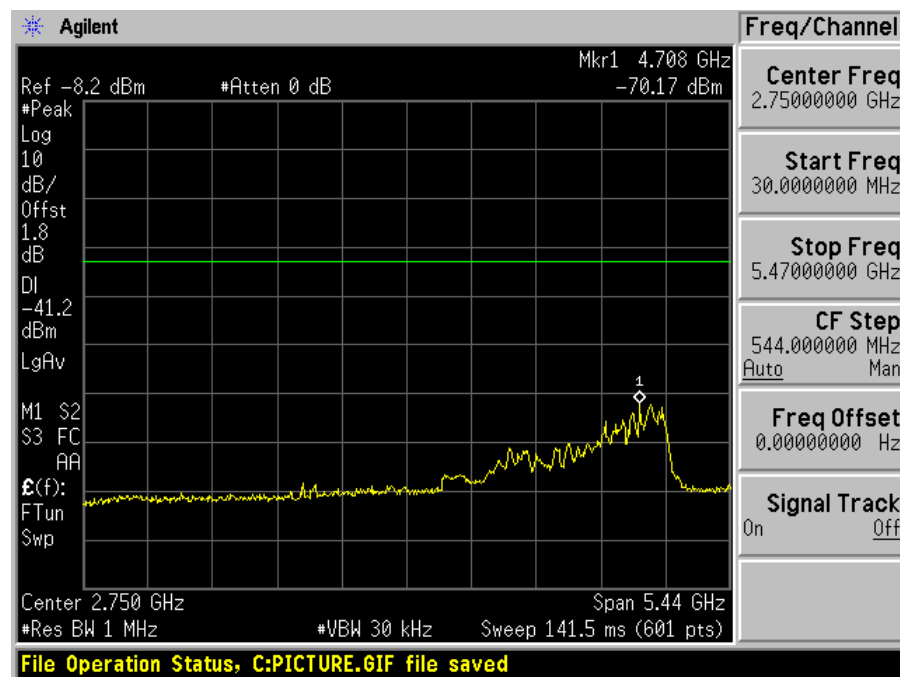
Ant-c-1



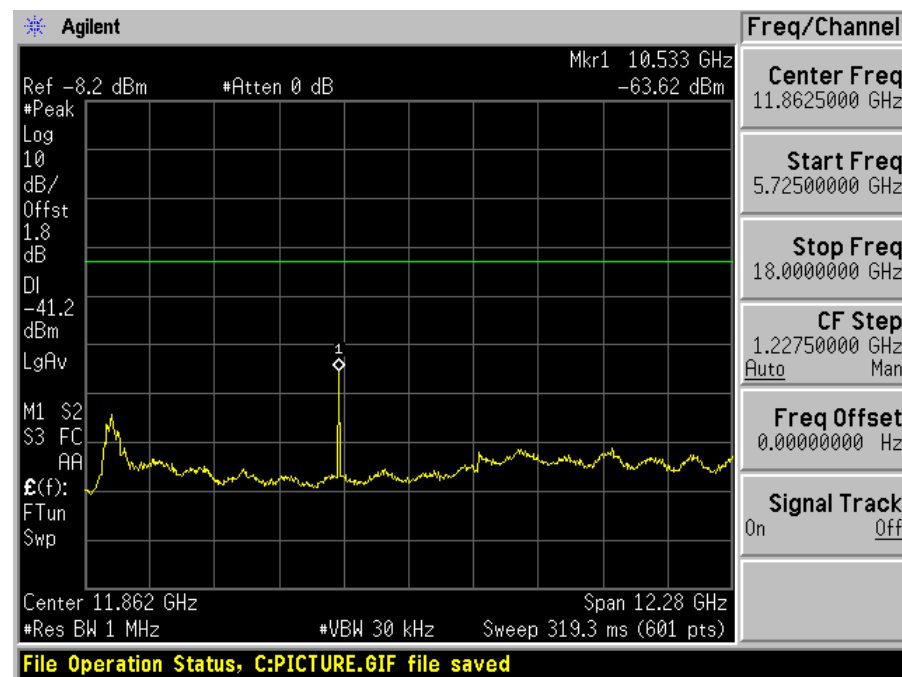
Ant-c-2



Ant-d-1



Ant-d-2



5580 MHz (Peak):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -60.08              | -                   | -                   | -                   | -54.08      | -21.25               | -32.83      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -61.22              | -59.49              | -                   | -                   | -51.26      | -21.25               | -30.01      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -59.88              | -60.35              | -60.04              | -                   | -49.31      | -21.25               | -28.06      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -60.91              | -61.04              | -61.04              | -57.42              | -47.77      | -21.25               | -26.52      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -60.36              | -61.91              | -                   | -                   | -50.05      | -21.25               | -28.80      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -62.06              | -62.18              | -62.79              | -                   | -47.79      | -21.25               | -26.54      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -64.88              | -65.04              | -65.39              | -62.72              | -47.33      | -21.25               | -26.08      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -60.02              | -                   | -                   | -                   | -54.02      | -21.25               | -32.77      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -60.10              | -58.42              | -                   | -                   | -50.17      | -21.25               | -28.92      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -60.91              | -60.60              | -60.15              | -                   | -49.77      | -21.25               | -28.52      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -60.23              | -61.53              | -61.34              | -58.14              | -48.06      | -21.25               | -26.81      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -60.70              | -59.05              | -                   | -                   | -50.78      | -21.25               | -29.53      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -59.20              | -60.37              | -60.11              | -                   | -49.09      | -21.25               | -27.84      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -59.08              | -61.20              | -60.70              | -56.97              | -47.14      | -21.25               | -25.89      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -61.14              | -61.26              | -61.14              | -                   | -50.41      | -21.25               | -29.16      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -60.34              | -58.98              | -60.55              | -58.37              | -47.44      | -21.25               | -26.19      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -60.34              | -58.98              | -60.55              | -58.37              | -47.44      | -21.25               | -26.19      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -59.79              | -59.66              | -                   | -                   | -48.70      | -21.25               | -27.45      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -62.24              | -61.20              | -63.32              | -                   | -47.63      | -21.25               | -26.38      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -63.83              | -65.51              | -65.18              | -62.98              | -47.21      | -21.25               | -25.96      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -60.90              | -58.51              | -                   | -                   | -50.53      | -21.25               | -29.28      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -61.09              | -60.48              | -60.13              | -                   | -49.02      | -21.25               | -27.77      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -62.75 | -62.61 | -62.66 | -60.10 | -47.84 | -21.25 | -26.59 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -60.62 | -59.20 | -58.64 | -      | -48.64 | -21.25 | -27.39 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -60.97 | -61.07 | -61.34 | -58.00 | -47.84 | -21.25 | -26.59 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -60.97 | -61.07 | -61.34 | -58.00 | -47.84 | -21.25 | -26.59 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -59.76 | -58.88 | -      | -      | -50.29 | -21.25 | -29.04 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -59.76 | -61.56 | -60.99 | -      | -49.93 | -21.25 | -28.68 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -60.98 | -61.44 | -60.30 | -57.70 | -47.82 | -21.25 | -26.57 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -57.99 | -      | -      | -      | -51.99 | -21.25 | -30.74 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -58.00 | -58.84 | -      | -      | -49.39 | -21.25 | -28.14 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -58.95 | -60.37 | -61.58 | -      | -49.40 | -21.25 | -28.15 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -60.71 | -59.91 | -61.44 | -57.56 | -47.62 | -21.25 | -26.37 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -58.16 | -58.41 | -      | -      | -49.27 | -21.25 | -28.02 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -60.13 | -60.42 | -60.23 | -      | -49.49 | -21.25 | -28.24 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -60.64 | -60.97 | -60.76 | -57.70 | -47.77 | -21.25 | -26.52 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -60.67 | -61.75 | -61.11 | -      | -50.38 | -21.25 | -29.13 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -60.05 | -61.23 | -61.08 | -57.96 | -47.85 | -21.25 | -26.60 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -59.38 | -59.84 | -61.56 | -57.95 | -47.47 | -21.25 | -26.22 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -60.05 | -61.30 | -      | -      | -49.61 | -21.25 | -28.36 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -62.37 | -62.82 | -63.58 | -      | -48.35 | -21.25 | -27.10 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -65.18 | -64.41 | -65.28 | -63.06 | -47.35 | -21.25 | -26.10 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -61.43 | -59.22 | -      | -      | -51.17 | -21.25 | -29.92 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -60.93 | -61.19 | -60.84 | -      | -49.45 | -21.25 | -28.20 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -62.52 | -62.92 | -62.32 | -60.64 | -47.98 | -21.25 | -26.73 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -60.43 | -59.57 | -59.38 | -      | -49.00 | -21.25 | -27.75 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -60.87 | -59.99 | -61.73 | -57.93 | -47.62 | -21.25 | -26.37 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -60.83 | -59.95 | -61.11 | -58.03 | -47.78 | -21.25 | -26.53 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -60.50 | -58.92 | -      | -      | -50.63 | -21.25 | -29.38 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -60.13 | -61.61 | -61.62 | -      | -50.29 | -21.25 | -29.04 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -60.99 | -61.14 | -61.10 | -57.91 | -48.02 | -21.25 | -26.77 |

## 5580 MHz (Average):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -66.39              | -                   | -                   | -                   | -60.39      | -41.25                  | -19.14      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -66.10              | -66.15              | -                   | -                   | -57.12      | -41.25                  | -15.87      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -65.28              | -68.37              | -68.72              | -                   | -56.39      | -41.25                  | -15.14      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -65.41              | -68.45              | -68.67              | -67.08              | -55.18      | -41.25                  | -13.93      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -66.20              | -68.19              | -                   | -                   | -56.06      | -41.25                  | -14.81      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -67.99              | -70.50              | -70.41              | -                   | -54.93      | -41.25                  | -13.68      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -72.22              | -72.26              | -71.40              | -71.32              | -54.74      | -41.25                  | -13.49      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -66.07              | -                   | -                   | -                   | -60.07      | -41.25                  | -18.82      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -65.79              | -66.87              | -                   | -                   | -57.28      | -41.25                  | -16.03      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -65.84              | -68.53              | -68.41              | -                   | -56.63      | -41.25                  | -15.38      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -66.58              | -68.69              | -68.41              | -67.07              | -55.58      | -41.25                  | -14.33      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -65.50              | -66.71              | -                   | -                   | -57.05      | -41.25                  | -15.80      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -65.73              | -68.85              | -68.22              | -                   | -56.61      | -41.25                  | -15.36      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -65.91              | -68.56              | -68.42              | -66.25              | -55.10      | -41.25                  | -13.85      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -66.52              | -68.44              | -69.01              | -                   | -57.08      | -41.25                  | -15.83      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -66.44              | -68.68              | -68.74              | -67.07              | -55.60      | -41.25                  | -14.35      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -66.44              | -68.68              | -68.74              | -67.07              | -55.60      | -41.25                  | -14.35      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -65.45              | -67.94              | -                   | -                   | -55.50      | -41.25                  | -14.25      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -67.44              | -70.51              | -70.04              | -                   | -54.57      | -41.25                  | -13.32      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -72.58              | -71.79              | -72.30              | -72.06              | -55.13      | -41.25                  | -13.88      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -65.42              | -66.84              | -                   | -                   | -57.06      | -41.25                  | -15.81      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -65.32              | -68.10              | -68.92              | -                   | -55.63      | -41.25                  | -14.38      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -69.14 | -70.38 | -70.76 | -69.08 | -55.74 | -41.25 | -14.49 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -65.98 | -67.01 | -67.17 | -      | -55.91 | -41.25 | -14.66 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -66.16 | -68.66 | -68.84 | -67.22 | -55.31 | -41.25 | -14.06 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -66.16 | -68.66 | -68.84 | -67.22 | -55.31 | -41.25 | -14.06 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -66.09 | -66.92 | -      | -      | -57.47 | -41.25 | -16.22 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -65.41 | -68.84 | -68.28 | -      | -56.46 | -41.25 | -15.21 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -66.41 | -68.70 | -69.03 | -67.20 | -55.68 | -41.25 | -14.43 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -62.91 | -      | -      | -      | -56.91 | -41.25 | -15.66 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -62.85 | -66.84 | -      | -      | -55.39 | -41.25 | -14.14 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -66.30 | -68.69 | -68.53 | -      | -56.92 | -41.25 | -15.67 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -66.97 | -68.15 | -68.85 | -67.20 | -55.71 | -41.25 | -14.46 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -63.37 | -66.84 | -      | -      | -55.76 | -41.25 | -14.51 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -65.25 | -68.24 | -68.52 | -      | -56.30 | -41.25 | -15.05 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -65.50 | -68.51 | -67.84 | -67.23 | -55.10 | -41.25 | -13.85 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -65.35 | -68.67 | -68.61 | -      | -56.48 | -41.25 | -15.23 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -66.02 | -68.58 | -68.63 | -67.52 | -55.53 | -41.25 | -14.28 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -66.85 | -68.73 | -68.35 | -66.77 | -55.57 | -41.25 | -14.32 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -65.90 | -68.40 | -      | -      | -55.95 | -41.25 | -14.70 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -68.22 | -70.13 | -70.37 | -      | -54.92 | -41.25 | -13.67 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -71.78 | -72.10 | -71.82 | -71.89 | -54.86 | -41.25 | -13.61 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -67.52 | -66.92 | -      | -      | -58.20 | -41.25 | -16.95 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -65.94 | -68.24 | -68.82 | -      | -55.95 | -41.25 | -14.70 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -69.42 | -70.63 | -70.67 | -69.31 | -55.93 | -41.25 | -14.68 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -66.52 | -66.99 | -66.74 | -      | -55.97 | -41.25 | -14.72 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -66.41 | -68.50 | -68.47 | -67.71 | -55.41 | -41.25 | -14.16 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -65.10 | -67.87 | -68.47 | -67.21 | -54.94 | -41.25 | -13.69 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -65.23 | -67.26 | -      | -      | -57.12 | -41.25 | -15.87 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -65.30 | -68.81 | -68.59 | -      | -56.48 | -41.25 | -15.23 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -66.08 | -68.73 | -68.48 | -66.95 | -55.40 | -41.25 | -14.15 |

## 5700 MHz (Peak):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -58.19              | -                   | -                   | -                   | -52.19      | -21.25               | -30.94      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -57.58              | -58.19              | -                   | -                   | -48.86      | -21.25               | -27.61      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -60.55              | -59.51              | -61.30              | -                   | -49.62      | -21.25               | -28.37      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -61.22              | -60.22              | -61.25              | -57.03              | -47.53      | -21.25               | -26.28      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -60.83              | -59.69              | -                   | -                   | -49.20      | -21.25               | -27.95      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -63.05              | -61.31              | -63.38              | -                   | -47.94      | -21.25               | -26.69      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -65.46              | -64.58              | -64.08              | -62.45              | -46.96      | -21.25               | -25.71      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -57.79              | -                   | -                   | -                   | -51.79      | -21.25               | -30.54      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -58.73              | -56.89              | -                   | -                   | -48.70      | -21.25               | -27.45      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -61.00              | -59.40              | -61.28              | -                   | -49.71      | -21.25               | -28.46      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -60.56              | -59.46              | -60.16              | -57.66              | -47.29      | -21.25               | -26.04      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -58.09              | -57.54              | -                   | -                   | -48.80      | -21.25               | -27.55      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -60.16              | -59.07              | -61.04              | -                   | -49.24      | -21.25               | -27.99      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -60.07              | -59.74              | -61.70              | -56.92              | -47.23      | -21.25               | -25.98      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -60.28              | -60.28              | -61.29              | -                   | -49.82      | -21.25               | -28.57      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -60.95              | -59.61              | -60.89              | -58.24              | -47.75      | -21.25               | -26.50      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -60.95              | -59.61              | -60.89              | -58.24              | -47.75      | -21.25               | -26.50      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -60.94              | -60.77              | -                   | -                   | -49.83      | -21.25               | -28.58      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -62.83              | -62.38              | -63.18              | -                   | -48.24      | -21.25               | -26.99      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -65.55              | -64.61              | -64.56              | -63.15              | -47.34      | -21.25               | -26.09      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -57.57              | -58.25              | -                   | -                   | -48.89      | -21.25               | -27.64      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -60.67              | -61.00              | -60.45              | -                   | -49.17      | -21.25               | -27.92      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -63.02 | -62.41 | -63.65 | -59.96 | -47.99 | -21.25 | -26.74 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -57.55 | -59.54 | -58.71 | -      | -47.75 | -21.25 | -26.50 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -60.21 | -59.74 | -61.04 | -57.27 | -47.05 | -21.25 | -25.80 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -60.21 | -59.74 | -61.04 | -57.27 | -47.05 | -21.25 | -25.80 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -57.64 | -57.34 | -      | -      | -48.48 | -21.25 | -27.23 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -59.96 | -60.34 | -61.19 | -      | -49.70 | -21.25 | -28.45 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -60.42 | -60.71 | -60.85 | -57.22 | -47.49 | -21.25 | -26.24 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -58.58 | -      | -      | -      | -52.58 | -21.25 | -31.33 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -57.69 | -57.29 | -      | -      | -48.48 | -21.25 | -27.23 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -60.66 | -60.21 | -60.24 | -      | -49.59 | -21.25 | -28.34 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -60.25 | -59.09 | -61.26 | -57.28 | -47.19 | -21.25 | -25.94 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -57.11 | -57.57 | -      | -      | -48.32 | -21.25 | -27.07 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -60.84 | -59.76 | -60.67 | -      | -49.63 | -21.25 | -28.38 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -59.82 | -60.61 | -60.60 | -56.92 | -47.18 | -21.25 | -25.93 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -59.07 | -60.47 | -61.03 | -      | -49.34 | -21.25 | -28.09 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -60.95 | -60.00 | -61.77 | -57.01 | -47.51 | -21.25 | -26.26 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -61.07 | -59.87 | -60.64 | -57.85 | -47.65 | -21.25 | -26.40 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -59.59 | -59.14 | -      | -      | -48.34 | -21.25 | -27.09 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -62.40 | -61.09 | -62.66 | -      | -47.45 | -21.25 | -26.20 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -63.32 | -64.33 | -65.25 | -63.23 | -46.92 | -21.25 | -25.67 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -57.43 | -56.46 | -      | -      | -47.91 | -21.25 | -26.66 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -60.60 | -60.03 | -61.15 | -      | -49.04 | -21.25 | -27.79 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -62.74 | -61.32 | -62.77 | -60.17 | -47.58 | -21.25 | -26.33 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -57.54 | -57.73 | -58.40 | -      | -47.10 | -21.25 | -25.85 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -60.53 | -60.34 | -60.31 | -56.82 | -46.92 | -21.25 | -25.67 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -60.34 | -60.21 | -60.02 | -57.52 | -47.33 | -21.25 | -26.08 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -58.13 | -56.62 | -      | -      | -48.30 | -21.25 | -27.05 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -60.71 | -60.22 | -61.36 | -      | -49.96 | -21.25 | -28.71 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -59.01 | -60.32 | -61.27 | -57.89 | -47.41 | -21.25 | -26.16 |

## 5700 MHz (Average):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -63.20              | -                   | -                   | -                   | -57.20      | -41.25                  | -15.95      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -63.63              | -64.66              | -                   | -                   | -55.10      | -41.25                  | -13.85      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -65.21              | -67.85              | -68.65              | -                   | -56.20      | -41.25                  | -14.95      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -66.02              | -66.73              | -68.59              | -66.11              | -54.73      | -41.25                  | -13.48      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -66.94              | -67.61              | -                   | -                   | -56.24      | -41.25                  | -14.99      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -67.10              | -69.92              | -70.37              | -                   | -54.34      | -41.25                  | -13.09      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -72.05              | -71.90              | -72.22              | -70.98              | -54.72      | -41.25                  | -13.47      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -63.00              | -                   | -                   | -                   | -57.00      | -41.25                  | -15.75      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -62.85              | -64.79              | -                   | -                   | -54.70      | -41.25                  | -13.45      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -65.51              | -67.18              | -68.42              | -                   | -56.10      | -41.25                  | -14.85      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -66.25              | -67.89              | -68.73              | -66.46              | -55.19      | -41.25                  | -13.94      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -63.60              | -65.32              | -                   | -                   | -55.36      | -41.25                  | -14.11      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -64.93              | -67.12              | -68.59              | -                   | -55.84      | -41.25                  | -14.59      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -65.97              | -66.76              | -68.44              | -66.43              | -54.78      | -41.25                  | -13.53      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -65.86              | -67.82              | -68.51              | -                   | -56.48      | -41.25                  | -15.23      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -66.15              | -68.12              | -68.59              | -66.37              | -55.16      | -41.25                  | -13.91      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -66.15              | -68.12              | -68.59              | -66.37              | -55.16      | -41.25                  | -13.91      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -66.22              | -67.73              | -                   | -                   | -55.89      | -41.25                  | -14.64      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -68.03              | -70.02              | -70.17              | -                   | -54.75      | -41.25                  | -13.50      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -73.15              | -71.80              | -72.12              | -71.64              | -55.10      | -41.25                  | -13.85      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -63.67              | -64.76              | -                   | -                   | -55.17      | -41.25                  | -13.92      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -65.69              | -67.37              | -68.40              | -                   | -55.47      | -41.25                  | -14.22      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 4        | 9.01                          | -69.19              | -69.76              | -70.32              | -69.08              | -55.53      | -41.25                  | -14.28      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -63.47 | -67.61 | -65.54 | -      | -54.45 | -41.25 | -13.20 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -65.81 | -67.36 | -68.19 | -66.40 | -54.58 | -41.25 | -13.33 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -65.81 | -67.36 | -68.19 | -66.40 | -54.58 | -41.25 | -13.33 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -64.02 | -65.12 | -      | -      | -55.52 | -41.25 | -14.27 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -65.86 | -67.53 | -68.60 | -      | -56.41 | -41.25 | -15.16 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -66.93 | -66.98 | -68.49 | -65.76 | -54.91 | -41.25 | -13.66 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -63.11 | -      | -      | -      | -57.11 | -41.25 | -15.86 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -63.81 | -65.17 | -      | -      | -55.43 | -41.25 | -14.18 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -64.57 | -67.58 | -68.32 | -      | -55.73 | -41.25 | -14.48 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -66.67 | -67.57 | -67.77 | -65.20 | -54.66 | -41.25 | -13.41 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -63.63 | -64.54 | -      | -      | -55.05 | -41.25 | -13.80 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -65.62 | -67.74 | -68.52 | -      | -56.34 | -41.25 | -15.09 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -65.94 | -67.02 | -68.39 | -65.98 | -54.70 | -41.25 | -13.45 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -65.80 | -67.72 | -68.71 | -      | -56.47 | -41.25 | -15.22 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -65.90 | -67.67 | -68.41 | -66.09 | -54.87 | -41.25 | -13.62 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -66.19 | -67.57 | -68.52 | -66.08 | -54.95 | -41.25 | -13.70 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -66.15 | -67.86 | -      | -      | -55.90 | -41.25 | -14.65 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -68.59 | -69.79 | -70.54 | -      | -55.02 | -41.25 | -13.77 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -71.41 | -72.37 | -72.02 | -70.94 | -54.61 | -41.25 | -13.36 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -63.68 | -65.42 | -      | -      | -55.45 | -41.25 | -14.20 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -65.04 | -68.05 | -69.00 | -      | -55.49 | -41.25 | -14.24 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -69.45 | -69.97 | -70.87 | -68.46 | -55.57 | -41.25 | -14.32 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -63.08 | -65.20 | -66.10 | -      | -53.83 | -41.25 | -12.58 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -65.07 | -67.34 | -68.31 | -65.74 | -54.16 | -41.25 | -12.91 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -65.19 | -67.58 | -68.50 | -66.43 | -54.73 | -41.25 | -13.48 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -62.80 | -64.71 | -      | -      | -54.64 | -41.25 | -13.39 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -64.70 | -67.68 | -68.66 | -      | -55.90 | -41.25 | -14.65 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -65.15 | -67.67 | -68.11 | -66.46 | -54.67 | -41.25 | -13.42 |

5720 MHz (Peak):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -58.29              | -                   | -                   | -                   | -52.29      | -21.25               | -31.04      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -58.95              | -60.32              | -                   | -                   | -50.57      | -21.25               | -29.32      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -60.50              | -60.03              | -60.82              | -                   | -49.66      | -21.25               | -28.41      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -61.22              | -59.91              | -61.26              | -57.79              | -47.78      | -21.25               | -26.53      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -61.38              | -59.34              | -                   | -                   | -49.22      | -21.25               | -27.97      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -63.16              | -61.62              | -63.20              | -                   | -48.05      | -21.25               | -26.80      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -62.67              | -63.57              | -64.46              | -62.47              | -46.18      | -21.25               | -24.93      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -57.23              | -                   | -                   | -                   | -51.23      | -21.25               | -29.98      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -57.92              | -58.76              | -                   | -                   | -49.31      | -21.25               | -28.06      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -60.23              | -60.24              | -61.12              | -                   | -49.74      | -21.25               | -28.49      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -61.15              | -59.41              | -61.19              | -58.05              | -47.73      | -21.25               | -26.48      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -56.99              | -60.17              | -                   | -                   | -49.29      | -21.25               | -28.04      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -61.00              | -59.28              | -60.39              | -                   | -49.39      | -21.25               | -28.14      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -60.38              | -59.47              | -60.96              | -57.33              | -47.28      | -21.25               | -26.03      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -60.63              | -60.73              | -61.22              | -                   | -50.08      | -21.25               | -28.83      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -60.65              | -60.25              | -60.77              | -57.44              | -47.52      | -21.25               | -26.27      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -60.65              | -60.25              | -60.77              | -57.44              | -47.52      | -21.25               | -26.27      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -60.92              | -59.69              | -                   | -                   | -49.24      | -21.25               | -27.99      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -63.12              | -62.25              | -62.88              | -                   | -48.19      | -21.25               | -26.94      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -63.48              | -64.75              | -65.22              | -62.27              | -46.73      | -21.25               | -25.48      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -58.70              | -59.03              | -                   | -                   | -49.85      | -21.25               | -28.60      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -59.89              | -60.18              | -61.59              | -                   | -48.96      | -21.25               | -27.71      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -60.51 | -62.15 | -62.91 | -58.77 | -46.75 | -21.25 | -25.50 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -58.35 | -59.59 | -58.52 | -      | -48.02 | -21.25 | -26.77 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -61.40 | -59.85 | -60.34 | -57.81 | -47.37 | -21.25 | -26.12 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -61.40 | -59.85 | -60.34 | -57.81 | -47.37 | -21.25 | -26.12 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -58.20 | -60.14 | -      | -      | -50.05 | -21.25 | -28.80 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -60.57 | -59.93 | -61.25 | -      | -49.78 | -21.25 | -28.53 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -59.47 | -60.07 | -60.59 | -58.10 | -47.43 | -21.25 | -26.18 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -57.58 | -      | -      | -      | -51.58 | -21.25 | -30.33 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -57.67 | -57.58 | -      | -      | -48.61 | -21.25 | -27.36 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -58.57 | -60.35 | -60.88 | -      | -49.05 | -21.25 | -27.80 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -61.07 | -60.04 | -60.79 | -57.42 | -47.55 | -21.25 | -26.30 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -56.56 | -57.21 | -      | -      | -47.86 | -21.25 | -26.61 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -57.56 | -59.64 | -60.91 | -      | -48.38 | -21.25 | -27.13 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -60.44 | -59.82 | -60.86 | -57.81 | -47.54 | -21.25 | -26.29 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -58.32 | -59.70 | -60.79 | -      | -48.72 | -21.25 | -27.47 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -60.61 | -59.21 | -60.68 | -57.81 | -47.39 | -21.25 | -26.14 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -61.54 | -60.34 | -60.73 | -56.95 | -47.48 | -21.25 | -26.23 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -60.28 | -59.57 | -      | -      | -48.89 | -21.25 | -27.64 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -62.21 | -62.14 | -63.48 | -      | -48.02 | -21.25 | -26.77 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -62.97 | -64.60 | -63.81 | -62.30 | -46.30 | -21.25 | -25.05 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -58.22 | -58.97 | -      | -      | -49.57 | -21.25 | -28.32 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -60.47 | -60.30 | -60.86 | -      | -49.01 | -21.25 | -27.76 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -60.96 | -61.77 | -62.70 | -59.58 | -47.07 | -21.25 | -25.82 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -57.93 | -60.44 | -58.00 | -      | -47.87 | -21.25 | -26.62 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -59.79 | -59.82 | -60.05 | -57.74 | -46.97 | -21.25 | -25.72 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -60.73 | -59.84 | -60.81 | -58.00 | -47.67 | -21.25 | -26.42 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -57.49 | -59.26 | -      | -      | -49.27 | -21.25 | -28.02 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -60.14 | -60.27 | -61.29 | -      | -49.77 | -21.25 | -28.52 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -60.20 | -59.07 | -60.70 | -57.37 | -47.12 | -21.25 | -25.87 |

## 5720 MHz (Average):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -64.70              | -                   | -                   | -                   | -58.70      | -41.25                  | -17.45      |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -64.65              | -67.36              | -                   | -                   | -56.78      | -41.25                  | -15.53      |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -66.72              | -67.83              | -68.27              | -                   | -56.79      | -41.25                  | -15.54      |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -67.40              | -67.39              | -67.75              | -66.14              | -55.11      | -41.25                  | -13.86      |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -67.40              | -67.50              | -                   | -                   | -56.43      | -41.25                  | -15.18      |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -69.21              | -69.09              | -70.97              | -                   | -55.13      | -41.25                  | -13.88      |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -69.57              | -71.84              | -71.92              | -71.22              | -53.99      | -41.25                  | -12.74      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -64.54              | -                   | -                   | -                   | -58.54      | -41.25                  | -17.29      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -64.64              | -67.60              | -                   | -                   | -56.86      | -41.25                  | -15.61      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -66.84              | -66.59              | -68.14              | -                   | -56.37      | -41.25                  | -15.12      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -67.20              | -67.39              | -67.91              | -66.54              | -55.21      | -41.25                  | -13.96      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -64.82              | -67.01              | -                   | -                   | -56.77      | -41.25                  | -15.52      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -65.85              | -67.14              | -67.81              | -                   | -56.08      | -41.25                  | -14.83      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -66.63              | -67.54              | -68.30              | -65.47              | -54.83      | -41.25                  | -13.58      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -65.91              | -67.20              | -68.44              | -                   | -56.29      | -41.25                  | -15.04      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -67.46              | -67.45              | -68.64              | -65.48              | -55.08      | -41.25                  | -13.83      |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -67.46              | -67.45              | -68.64              | -65.48              | -55.08      | -41.25                  | -13.83      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -67.79              | -67.34              | -                   | -                   | -56.54      | -41.25                  | -15.29      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -68.14              | -69.94              | -70.68              | -                   | -54.91      | -41.25                  | -13.66      |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -69.75              | -72.18              | -71.69              | -71.14              | -54.05      | -41.25                  | -12.80      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -64.71              | -66.93              | -                   | -                   | -56.67      | -41.25                  | -15.42      |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -65.54              | -66.83              | -68.49              | -                   | -55.26      | -41.25                  | -14.01      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -67.38 | -69.93 | -70.71 | -68.81 | -54.99 | -41.25 | -13.74 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -63.94 | -66.91 | -65.97 | -      | -54.66 | -41.25 | -13.41 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -67.20 | -66.92 | -68.34 | -65.26 | -54.51 | -41.25 | -13.26 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -67.20 | -66.92 | -68.34 | -65.26 | -54.51 | -41.25 | -13.26 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -63.43 | -67.42 | -      | -      | -55.97 | -41.25 | -14.72 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -66.36 | -66.91 | -68.33 | -      | -56.35 | -41.25 | -15.10 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -67.82 | -67.83 | -68.42 | -65.87 | -55.35 | -41.25 | -14.10 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -63.04 | -      | -      | -      | -57.04 | -41.25 | -15.79 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -64.37 | -64.75 | -      | -      | -55.54 | -41.25 | -14.29 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -63.96 | -67.28 | -68.46 | -      | -55.36 | -41.25 | -14.11 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -67.19 | -67.58 | -68.97 | -66.17 | -55.34 | -41.25 | -14.09 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -63.42 | -64.46 | -      | -      | -54.90 | -41.25 | -13.65 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -63.55 | -66.86 | -68.63 | -      | -55.05 | -41.25 | -13.80 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -67.68 | -66.97 | -68.22 | -66.09 | -55.14 | -41.25 | -13.89 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -63.51 | -67.06 | -68.62 | -      | -55.08 | -41.25 | -13.83 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -67.95 | -67.33 | -68.54 | -65.95 | -55.31 | -41.25 | -14.06 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -66.93 | -67.41 | -68.67 | -65.73 | -55.04 | -41.25 | -13.79 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -67.20 | -67.65 | -      | -      | -56.40 | -41.25 | -15.15 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -69.25 | -69.11 | -70.39 | -      | -55.00 | -41.25 | -13.75 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -70.55 | -72.31 | -72.57 | -71.10 | -54.51 | -41.25 | -13.26 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -63.72 | -66.96 | -      | -      | -56.03 | -41.25 | -14.78 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -66.60 | -67.52 | -68.55 | -      | -55.95 | -41.25 | -14.70 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -66.44 | -69.62 | -70.56 | -68.68 | -54.51 | -41.25 | -13.26 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -64.10 | -67.33 | -66.11 | -      | -54.87 | -41.25 | -13.62 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -67.37 | -67.60 | -68.36 | -65.91 | -54.95 | -41.25 | -13.70 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -67.28 | -67.69 | -68.16 | -66.10 | -55.22 | -41.25 | -13.97 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -64.19 | -67.60 | -      | -      | -56.56 | -41.25 | -15.31 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -67.00 | -66.88 | -68.36 | -      | -56.59 | -41.25 | -15.34 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -67.43 | -67.03 | -68.39 | -65.96 | -55.09 | -41.25 | -13.84 |

5510 MHz (Peak):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -57.47              | -                   | -                   | -                   | -51.47      | -21.25               | -30.22      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -57.26              | -58.95              | -                   | -                   | -49.01      | -21.25               | -27.76      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -59.16              | -61.48              | -60.99              | -                   | -49.65      | -21.25               | -28.40      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -59.07              | -60.33              | -60.76              | -59.61              | -47.87      | -21.25               | -26.62      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -59.31              | -                   | -                   | -                   | -53.31      | -21.25               | -32.06      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -57.54              | -61.40              | -                   | -                   | -50.05      | -21.25               | -28.80      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -58.74              | -60.26              | -61.39              | -                   | -49.22      | -21.25               | -27.97      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -57.89              | -61.16              | -60.11              | -58.98              | -47.34      | -21.25               | -26.09      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -59.61              | -61.39              | -                   | -                   | -51.40      | -21.25               | -30.15      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -59.73              | -61.57              | -60.84              | -                   | -49.87      | -21.25               | -28.62      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -58.98              | -61.64              | -60.87              | -59.14              | -47.99      | -21.25               | -26.74      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -58.34              | -61.20              | -61.45              | -                   | -49.32      | -21.25               | -28.07      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -59.20              | -60.96              | -61.39              | -59.02              | -48.00      | -21.25               | -26.75      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -59.20              | -60.96              | -61.39              | -59.02              | -48.00      | -21.25               | -26.75      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -57.82              | -60.62              | -                   | -                   | -46.97      | -21.25               | -25.72      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -58.84              | -62.69              | -63.12              | -                   | -45.55      | -21.25               | -24.30      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -61.41              | -63.58              | -63.93              | -63.16              | -44.86      | -21.25               | -23.61      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -59.65              | -60.34              | -                   | -                   | -50.97      | -21.25               | -29.72      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -60.15              | -61.52              | -58.61              | -                   | -47.40      | -21.25               | -26.15      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -58.43              | -62.34              | -62.52              | -61.30              | -45.78      | -21.25               | -24.53      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -60.51              | -61.23              | -60.55              | -                   | -49.98      | -21.25               | -28.73      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -57.46              | -59.74              | -61.53              | -58.88              | -45.89      | -21.25               | -24.64      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -57.46 | -59.74 | -61.53 | -58.88 | -45.89 | -21.25 | -24.64 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -59.19 | -60.07 | -      | -      | -50.60 | -21.25 | -29.35 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -57.99 | -61.04 | -60.33 | -      | -48.81 | -21.25 | -27.56 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -57.55 | -61.29 | -61.31 | -59.60 | -47.63 | -21.25 | -26.38 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -57.47 | -      | -      | -      | -51.47 | -21.25 | -30.22 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -57.26 | -58.95 | -      | -      | -49.01 | -21.25 | -27.76 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -59.16 | -61.48 | -60.99 | -      | -49.65 | -21.25 | -28.40 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -59.07 | -60.33 | -60.76 | -59.61 | -47.87 | -21.25 | -26.62 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -56.89 | -58.37 | -      | -      | -48.55 | -21.25 | -27.30 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -57.35 | -61.26 | -60.39 | -      | -48.55 | -21.25 | -27.30 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -58.94 | -61.42 | -60.97 | -59.32 | -48.02 | -21.25 | -26.77 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -58.81 | -60.92 | -60.95 | -      | -49.34 | -21.25 | -28.09 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -59.58 | -61.16 | -60.67 | -59.07 | -48.02 | -21.25 | -26.77 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -58.62 | -60.69 | -60.57 | -59.79 | -47.81 | -21.25 | -26.56 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -58.93 | -61.00 | -      | -      | -47.82 | -21.25 | -26.57 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -59.92 | -62.88 | -62.91 | -      | -46.12 | -21.25 | -24.87 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -60.39 | -63.78 | -63.23 | -62.51 | -44.23 | -21.25 | -22.98 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -55.85 | -59.24 | -      | -      | -49.21 | -21.25 | -27.96 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -56.02 | -60.68 | -61.88 | -      | -46.21 | -21.25 | -24.96 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -58.44 | -62.89 | -61.93 | -61.19 | -45.74 | -21.25 | -24.49 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -57.23 | -60.75 | -60.39 | -      | -48.38 | -21.25 | -27.13 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -56.24 | -61.79 | -60.68 | -59.54 | -45.75 | -21.25 | -24.50 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -57.59 | -60.63 | -59.56 | -58.80 | -46.98 | -21.25 | -25.73 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -57.60 | -58.50 | -      | -      | -49.02 | -21.25 | -27.77 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -56.30 | -61.30 | -61.17 | -      | -48.15 | -21.25 | -26.90 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -58.58 | -60.42 | -61.14 | -59.02 | -47.65 | -21.25 | -26.40 |

## 5510 MHz (Average):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -59.86              | -                   | -                   | -                   | -53.86      | -41.25                  | -12.61      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -62.94              | -66.61              | -                   | -                   | -55.39      | -41.25                  | -14.14      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -62.07              | -69.03              | -68.07              | -                   | -54.45      | -41.25                  | -13.20      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -62.42              | -68.86              | -67.92              | -66.66              | -53.67      | -41.25                  | -12.42      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -62.62              | -                   | -                   | -                   | -56.62      | -41.25                  | -15.37      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -62.20              | -68.71              | -                   | -                   | -55.32      | -41.25                  | -14.07      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -62.59              | -69.13              | -67.86              | -                   | -54.78      | -41.25                  | -13.53      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -62.41              | -68.98              | -67.34              | -67.18              | -53.68      | -41.25                  | -12.43      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -63.04              | -68.97              | -                   | -                   | -56.05      | -41.25                  | -14.80      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -61.35              | -68.36              | -68.31              | -                   | -53.88      | -41.25                  | -12.63      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -62.34              | -68.56              | -68.37              | -66.59              | -53.63      | -41.25                  | -12.38      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -62.28              | -67.94              | -67.77              | -                   | -54.37      | -41.25                  | -13.12      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -63.03              | -69.03              | -67.43              | -62.77              | -52.76      | -41.25                  | -11.51      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -63.03              | -69.03              | -67.43              | -62.77              | -52.76      | -41.25                  | -11.51      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -62.05              | -68.84              | -                   | -                   | -52.21      | -41.25                  | -10.96      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -64.89              | -70.40              | -69.57              | -                   | -52.02      | -41.25                  | -10.77      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -69.60              | -71.43              | -69.97              | -68.93              | -51.85      | -41.25                  | -10.60      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -62.85              | -68.46              | -                   | -                   | -55.79      | -41.25                  | -14.54      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -61.76              | -67.87              | -68.14              | -                   | -52.31      | -41.25                  | -11.06      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -64.19              | -70.07              | -69.48              | -68.77              | -52.39      | -41.25                  | -11.14      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -62.05              | -68.22              | -68.83              | -                   | -54.43      | -41.25                  | -13.18      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -62.03              | -68.66              | -67.41              | -66.73              | -52.12      | -41.25                  | -10.87      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -62.03 | -68.66 | -67.41 | -66.73 | -52.12 | -41.25 | -10.87 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -62.10 | -68.06 | -      | -      | -55.12 | -41.25 | -13.87 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -61.30 | -68.40 | -68.28 | -      | -53.85 | -41.25 | -12.60 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -62.86 | -68.79 | -67.71 | -66.34 | -53.79 | -41.25 | -12.54 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -59.86 | -      | -      | -      | -53.86 | -41.25 | -12.61 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -62.94 | -66.61 | -      | -      | -55.39 | -41.25 | -14.14 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -62.07 | -69.03 | -68.07 | -      | -54.45 | -41.25 | -13.20 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -62.42 | -68.86 | -67.92 | -66.66 | -53.67 | -41.25 | -12.42 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -60.45 | -66.42 | -      | -      | -53.47 | -41.25 | -12.22 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -61.81 | -68.62 | -68.07 | -      | -54.21 | -41.25 | -12.96 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -62.84 | -68.66 | -67.92 | -66.34 | -53.79 | -41.25 | -12.54 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -61.93 | -68.93 | -67.93 | -      | -54.31 | -41.25 | -13.06 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -61.93 | -68.90 | -68.03 | -66.87 | -53.46 | -41.25 | -12.21 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -62.49 | -68.84 | -67.98 | -66.76 | -53.73 | -41.25 | -12.48 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -61.70 | -68.24 | -      | -      | -51.82 | -41.25 | -10.57 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -63.59 | -70.37 | -68.78 | -      | -51.02 | -41.25 | -9.77  |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -69.13 | -70.96 | -70.30 | -69.18 | -51.79 | -41.25 | -10.54 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -59.24 | -66.66 | -      | -      | -53.52 | -41.25 | -12.27 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -62.16 | -68.79 | -68.18 | -      | -52.73 | -41.25 | -11.48 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -65.60 | -70.63 | -69.21 | -68.84 | -53.12 | -41.25 | -11.87 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -59.07 | -68.98 | -67.73 | -      | -52.14 | -41.25 | -10.89 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -62.09 | -68.73 | -68.58 | -66.74 | -52.33 | -41.25 | -11.08 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -62.23 | -68.94 | -67.62 | -66.37 | -53.47 | -41.25 | -12.22 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -59.76 | -66.44 | -      | -      | -52.92 | -41.25 | -11.67 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -61.44 | -68.75 | -67.61 | -      | -53.89 | -41.25 | -12.64 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -62.61 | -68.36 | -67.86 | -66.37 | -53.63 | -41.25 | -12.38 |

5550 MHz (Peak):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -56.94              | -                   | -                   | -                   | -50.94      | -21.25               | -29.69      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -56.08              | -59.42              | -                   | -                   | -48.43      | -21.25               | -27.18      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -54.62              | -61.49              | -61.92              | -                   | -47.19      | -21.25               | -25.94      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -59.00              | -60.41              | -60.56              | -59.37              | -47.76      | -21.25               | -26.51      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -57.78              | -                   | -                   | -                   | -51.78      | -21.25               | -30.53      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -56.55              | -58.98              | -                   | -                   | -48.59      | -21.25               | -27.34      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -56.67              | -61.21              | -60.69              | -                   | -48.24      | -21.25               | -26.99      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -58.97              | -60.69              | -61.29              | -59.20              | -47.91      | -21.25               | -26.66      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -57.48              | -59.18              | -                   | -                   | -49.24      | -21.25               | -27.99      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -57.10              | -61.35              | -60.71              | -                   | -48.52      | -21.25               | -27.27      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -57.75              | -61.74              | -61.48              | -59.47              | -47.78      | -21.25               | -26.53      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -58.47              | -60.69              | -61.23              | -                   | -49.19      | -21.25               | -27.94      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -58.59              | -61.10              | -61.07              | -59.42              | -47.89      | -21.25               | -26.64      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -58.59              | -61.10              | -61.07              | -59.42              | -47.89      | -21.25               | -26.64      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -59.07              | -61.12              | -                   | -                   | -47.95      | -21.25               | -26.70      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -59.27              | -61.83              | -61.62              | -                   | -45.20      | -21.25               | -23.95      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -61.60              | -63.35              | -64.55              | -61.56              | -44.55      | -21.25               | -23.30      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -57.54              | -60.20              | -                   | -                   | -50.66      | -21.25               | -29.41      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -56.76              | -60.24              | -60.97              | -                   | -46.38      | -21.25               | -25.13      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -59.33              | -61.26              | -62.99              | -60.48              | -45.79      | -21.25               | -24.54      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -57.98              | -58.47              | -59.14              | -                   | -47.73      | -21.25               | -26.48      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -57.20              | -61.11              | -60.74              | -59.49              | -46.08      | -21.25               | -24.83      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -57.20 | -61.11 | -60.74 | -59.49 | -46.08 | -21.25 | -24.83 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -55.42 | -58.56 | -      | -      | -47.70 | -21.25 | -26.45 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -55.76 | -61.34 | -59.30 | -      | -47.41 | -21.25 | -26.16 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -57.97 | -61.17 | -60.86 | -59.63 | -47.70 | -21.25 | -26.45 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -56.94 | -      | -      | -      | -50.94 | -21.25 | -29.69 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -56.08 | -59.42 | -      | -      | -48.43 | -21.25 | -27.18 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -54.62 | -61.49 | -61.92 | -      | -47.19 | -21.25 | -25.94 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -59.00 | -60.41 | -60.56 | -59.37 | -47.76 | -21.25 | -26.51 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -58.14 | -59.05 | -      | -      | -49.56 | -21.25 | -28.31 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -56.78 | -61.58 | -62.02 | -      | -48.65 | -21.25 | -27.40 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -57.59 | -61.99 | -60.98 | -58.84 | -47.49 | -21.25 | -26.24 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -59.08 | -60.72 | -61.59 | -      | -49.57 | -21.25 | -28.32 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -57.15 | -61.42 | -61.42 | -58.90 | -47.32 | -21.25 | -26.07 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -59.10 | -61.46 | -61.17 | -59.86 | -48.27 | -21.25 | -27.02 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -59.70 | -61.71 | -      | -      | -48.57 | -21.25 | -27.32 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -59.22 | -60.23 | -62.42 | -      | -44.89 | -21.25 | -23.64 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -61.26 | -64.57 | -64.80 | -63.52 | -45.25 | -21.25 | -24.00 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -57.35 | -59.24 | -      | -      | -49.18 | -21.25 | -27.93 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -56.64 | -61.45 | -60.03 | -      | -46.36 | -21.25 | -25.11 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -58.59 | -62.23 | -62.97 | -60.26 | -45.64 | -21.25 | -24.39 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -57.98 | -59.79 | -58.72 | -      | -47.99 | -21.25 | -26.74 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -57.06 | -62.28 | -60.58 | -58.75 | -45.97 | -21.25 | -24.72 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -58.59 | -61.76 | -60.27 | -59.55 | -47.87 | -21.25 | -26.62 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -57.73 | -58.62 | -      | -      | -49.14 | -21.25 | -27.89 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -57.10 | -61.96 | -61.10 | -      | -48.73 | -21.25 | -27.48 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -58.07 | -60.31 | -61.06 | -58.97 | -47.43 | -21.25 | -26.18 |

## 5550 MHz (Average):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -60.03              | -                   | -                   | -                   | -54.03      | -41.25                  | -12.78      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -59.80              | -66.68              | -                   | -                   | -52.99      | -41.25                  | -11.74      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -61.95              | -68.80              | -67.99              | -                   | -54.32      | -41.25                  | -13.07      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -63.34              | -68.64              | -67.82              | -66.73              | -54.10      | -41.25                  | -12.85      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -59.89              | -66.85              | -                   | -                   | -53.09      | -41.25                  | -11.84      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -62.00              | -68.52              | -68.80              | -                   | -54.44      | -41.25                  | -13.19      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -62.64              | -68.64              | -67.62              | -66.68              | -53.71      | -41.25                  | -12.46      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -62.00              | -69.09              | -68.27              | -                   | -54.44      | -41.25                  | -13.19      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -62.74              | -68.70              | -67.94              | -66.78              | -53.84      | -41.25                  | -12.59      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -62.74              | -68.70              | -67.94              | -66.78              | -53.84      | -41.25                  | -12.59      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -62.95              | -68.84              | -                   | -                   | -52.95      | -41.25                  | -11.70      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -64.80              | -69.80              | -69.43              | -                   | -51.83      | -41.25                  | -10.58      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -68.53              | -71.32              | -70.24              | -69.91              | -51.84      | -41.25                  | -10.59      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -59.27              | -66.53              | -                   | -                   | -53.52      | -41.25                  | -12.27      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -61.10              | -68.86              | -68.91              | -                   | -52.09      | -41.25                  | -10.84      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -65.24              | -69.67              | -69.53              | -69.00              | -52.90      | -41.25                  | -11.65      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -59.17              | -66.89              | -66.28              | -                   | -51.82      | -41.25                  | -10.57      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -60.85              | -68.32              | -67.69              | -66.95              | -51.47      | -41.25                  | -10.22      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -60.85              | -68.32              | -67.69              | -66.95              | -51.47      | -41.25                  | -10.22      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -59.97              | -66.36              | -                   | -                   | -53.07      | -41.25                  | -11.82      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -61.87              | -68.63              | -68.78              | -                   | -54.36      | -41.25                  | -13.11      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -62.40              | -68.57              | -68.60              | -67.26              | -53.82      | -41.25                  | -12.57      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -59.93 | -      | -      | -      | -53.93 | -41.25 | -12.68 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -59.26 | -66.98 | -      | -      | -52.58 | -41.25 | -11.33 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -60.51 | -68.69 | -68.20 | -      | -53.29 | -41.25 | -12.04 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -61.24 | -68.94 | -68.71 | -63.25 | -52.28 | -41.25 | -11.03 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -59.74 | -67.20 | -      | -      | -53.02 | -41.25 | -11.77 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -61.09 | -68.67 | -68.46 | -      | -53.76 | -41.25 | -12.51 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -61.54 | -68.75 | -68.60 | -66.58 | -53.24 | -41.25 | -11.99 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -61.51 | -68.97 | -69.05 | -      | -54.19 | -41.25 | -12.94 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -61.84 | -68.83 | -68.79 | -63.55 | -52.67 | -41.25 | -11.42 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -60.96 | -68.38 | -68.46 | -67.04 | -52.90 | -41.25 | -11.65 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -62.20 | -68.06 | -      | -      | -52.19 | -41.25 | -10.94 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -64.35 | -69.40 | -68.92 | -      | -51.37 | -41.25 | -10.12 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -68.21 | -70.97 | -69.72 | -69.54 | -51.46 | -41.25 | -10.21 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -59.21 | -66.61 | -      | -      | -52.48 | -41.25 | -11.23 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -60.89 | -68.31 | -68.21 | -      | -51.77 | -41.25 | -10.52 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -64.63 | -69.85 | -68.90 | -65.53 | -51.66 | -41.25 | -10.41 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -58.27 | -66.87 | -66.21 | -      | -51.14 | -41.25 | -9.89  |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -61.29 | -68.77 | -68.63 | -66.65 | -51.85 | -41.25 | -10.60 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -61.72 | -69.19 | -68.69 | -66.96 | -53.47 | -41.25 | -12.22 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -59.78 | -67.03 | -      | -      | -53.03 | -41.25 | -11.78 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -60.64 | -68.25 | -67.78 | -      | -53.29 | -41.25 | -12.04 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -61.56 | -69.19 | -67.26 | -66.26 | -53.06 | -41.25 | -11.81 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -60.03 | -      | -      | -      | -54.03 | -41.25 | -12.78 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -59.80 | -66.68 | -      | -      | -52.99 | -41.25 | -11.74 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -61.95 | -68.80 | -67.99 | -      | -54.32 | -41.25 | -13.07 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -63.34 | -68.64 | -67.82 | -66.73 | -54.10 | -41.25 | -12.85 |

5670 MHz (Peak):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -58.00              | -                   | -                   | -                   | -52.00      | -21.25               | -30.75      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -58.02              | -58.11              | -                   | -                   | -49.05      | -21.25               | -27.80      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -60.06              | -59.79              | -61.59              | -                   | -49.64      | -21.25               | -28.39      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -61.07              | -59.36              | -61.40              | -57.25              | -47.42      | -21.25               | -26.17      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -58.36              | -                   | -                   | -                   | -52.36      | -21.25               | -31.11      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -57.69              | -57.98              | -                   | -                   | -48.82      | -21.25               | -27.57      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -60.90              | -60.60              | -61.98              | -                   | -50.35      | -21.25               | -29.10      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -60.32              | -59.27              | -61.96              | -57.44              | -47.41      | -21.25               | -26.16      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -58.23              | -58.71              | -                   | -                   | -49.45      | -21.25               | -28.20      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -60.03              | -59.93              | -60.45              | -                   | -49.36      | -21.25               | -28.11      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -60.13              | -59.12              | -61.93              | -57.92              | -47.52      | -21.25               | -26.27      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -61.23              | -59.82              | -60.75              | -                   | -49.79      | -21.25               | -28.54      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -60.51              | -59.72              | -61.63              | -57.91              | -47.71      | -21.25               | -26.46      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -60.51              | -59.72              | -61.63              | -57.91              | -47.71      | -21.25               | -26.46      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -60.30              | -60.76              | -                   | -                   | -48.50      | -21.25               | -27.25      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -63.14              | -62.51              | -63.72              | -                   | -47.55      | -21.25               | -26.30      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -62.60              | -63.11              | -65.09              | -62.01              | -45.02      | -21.25               | -23.77      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -61.39              | -57.20              | -                   | -                   | -49.80      | -21.25               | -28.55      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -60.18              | -60.67              | -60.51              | -                   | -47.92      | -21.25               | -26.67      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -60.60              | -62.54              | -62.87              | -58.75              | -45.83      | -21.25               | -24.58      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -58.80              | -57.86              | -59.15              | -                   | -47.80      | -21.25               | -26.55      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -61.21              | -60.01              | -61.57              | -57.71              | -46.58      | -21.25               | -25.33      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -61.21 | -60.01 | -61.57 | -57.71 | -46.58 | -21.25 | -25.33 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -56.94 | -58.68 | -      | -      | -48.71 | -21.25 | -27.46 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -57.55 | -59.55 | -61.11 | -      | -48.38 | -21.25 | -27.13 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -58.57 | -61.01 | -61.47 | -56.21 | -46.77 | -21.25 | -25.52 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -58.00 | -      | -      | -      | -52.00 | -21.25 | -30.75 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -58.02 | -58.11 | -      | -      | -49.05 | -21.25 | -27.80 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -60.06 | -59.79 | -61.59 | -      | -49.64 | -21.25 | -28.39 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -61.07 | -59.36 | -61.40 | -57.25 | -47.42 | -21.25 | -26.17 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -57.95 | -57.67 | -      | -      | -48.80 | -21.25 | -27.55 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -60.72 | -60.57 | -61.11 | -      | -50.03 | -21.25 | -28.78 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -60.63 | -60.36 | -61.01 | -57.31 | -47.53 | -21.25 | -26.28 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -61.06 | -60.65 | -61.37 | -      | -50.25 | -21.25 | -29.00 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -59.32 | -60.39 | -62.17 | -57.97 | -47.68 | -21.25 | -26.43 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -61.27 | -59.81 | -61.57 | -57.75 | -47.80 | -21.25 | -26.55 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -60.73 | -60.70 | -      | -      | -48.69 | -21.25 | -27.44 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -62.72 | -62.44 | -63.09 | -      | -47.20 | -21.25 | -25.95 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -65.22 | -64.66 | -65.41 | -63.29 | -46.52 | -21.25 | -25.27 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -58.11 | -57.91 | -      | -      | -50.00 | -21.25 | -28.75 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -60.93 | -59.07 | -61.86 | -      | -47.93 | -21.25 | -26.68 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -61.23 | -63.04 | -63.48 | -59.29 | -46.40 | -21.25 | -25.15 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -60.52 | -58.55 | -57.89 | -      | -48.08 | -21.25 | -26.83 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -60.32 | -60.36 | -60.95 | -58.11 | -46.52 | -21.25 | -25.27 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -61.17 | -61.15 | -62.25 | -57.33 | -48.01 | -21.25 | -26.76 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -60.09 | -58.23 | -      | -      | -50.05 | -21.25 | -28.80 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -60.79 | -61.02 | -61.86 | -      | -50.43 | -21.25 | -29.18 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -60.61 | -59.23 | -61.89 | -58.13 | -47.72 | -21.25 | -26.47 |

## 5670 MHz (Average):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -64.05              | -                   | -                   | -                   | -58.05      | -41.25                  | -16.80      |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -63.49              | -65.79              | -                   | -                   | -55.48      | -41.25                  | -14.23      |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -64.82              | -68.02              | -69.22              | -                   | -56.17      | -41.25                  | -14.92      |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -65.82              | -68.27              | -68.96              | -66.58              | -55.20      | -41.25                  | -13.95      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -63.23              | -                   | -                   | -                   | -57.23      | -41.25                  | -15.98      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -63.73              | -65.41              | -                   | -                   | -55.48      | -41.25                  | -14.23      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -66.46              | -67.97              | -68.42              | -                   | -56.76      | -41.25                  | -15.51      |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -65.22              | -68.29              | -68.58              | -66.62              | -54.94      | -41.25                  | -13.69      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -63.55              | -66.01              | -                   | -                   | -55.60      | -41.25                  | -14.35      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -65.66              | -67.62              | -69.07              | -                   | -56.45      | -41.25                  | -15.20      |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -66.70              | -67.92              | -69.16              | -66.96              | -55.56      | -41.25                  | -14.31      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -66.78              | -68.45              | -69.34              | -                   | -57.29      | -41.25                  | -16.04      |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -65.79              | -67.75              | -69.29              | -66.89              | -55.23      | -41.25                  | -13.98      |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -65.79              | -67.75              | -69.29              | -66.89              | -55.23      | -41.25                  | -13.98      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -66.92              | -68.36              | -                   | -                   | -55.56      | -41.25                  | -14.31      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -67.22              | -69.81              | -70.21              | -                   | -53.32      | -41.25                  | -12.07      |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -67.77              | -72.03              | -72.40              | -71.64              | -52.46      | -41.25                  | -11.21      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -68.20              | -65.80              | -                   | -                   | -57.83      | -41.25                  | -16.58      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -65.36              | -68.43              | -69.20              | -                   | -54.80      | -41.25                  | -13.55      |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -65.46              | -70.04              | -70.04              | -68.70              | -53.08      | -41.25                  | -11.83      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -63.37              | -65.69              | -66.37              | -                   | -54.17      | -41.25                  | -12.92      |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -66.10              | -67.90              | -68.93              | -66.48              | -53.94      | -41.25                  | -12.69      |

|                                       |   |       |        |        |        |        |        |        |        |
|---------------------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -66.10 | -67.90 | -68.93 | -66.48 | -53.94 | -41.25 | -12.69 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -63.91 | -65.51 | -      | -      | -55.62 | -41.25 | -14.37 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -63.00 | -68.07 | -68.65 | -      | -55.01 | -41.25 | -13.76 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -63.56 | -67.98 | -69.11 | -66.30 | -54.19 | -41.25 | -12.94 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -64.05 | -      | -      | -      | -58.05 | -41.25 | -16.80 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -63.49 | -65.79 | -      | -      | -55.48 | -41.25 | -14.23 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -64.82 | -68.02 | -69.22 | -      | -56.17 | -41.25 | -14.92 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -65.82 | -68.27 | -68.96 | -66.58 | -55.20 | -41.25 | -13.95 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -64.07 | -65.39 | -      | -      | -55.67 | -41.25 | -14.42 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -65.08 | -67.85 | -68.89 | -      | -56.20 | -41.25 | -14.95 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -66.28 | -68.31 | -68.72 | -66.88 | -55.41 | -41.25 | -14.16 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -65.85 | -67.94 | -69.12 | -      | -56.65 | -41.25 | -15.40 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -66.46 | -68.00 | -68.87 | -66.78 | -55.40 | -41.25 | -14.15 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -66.69 | -67.96 | -68.70 | -66.33 | -55.29 | -41.25 | -14.04 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -65.36 | -67.80 | -      | -      | -54.39 | -41.25 | -13.14 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -67.44 | -70.07 | -70.42 | -      | -53.56 | -41.25 | -12.31 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -72.45 | -72.18 | -72.42 | -71.27 | -54.01 | -41.25 | -12.76 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -63.53 | -65.86 | -      | -      | -56.53 | -41.25 | -15.28 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -65.79 | -67.60 | -69.18 | -      | -54.77 | -41.25 | -13.52 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -66.36 | -69.43 | -70.80 | -69.01 | -53.56 | -41.25 | -12.31 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -65.67 | -65.83 | -66.57 | -      | -55.23 | -41.25 | -13.98 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -65.38 | -68.46 | -68.67 | -66.55 | -53.78 | -41.25 | -12.53 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -66.04 | -68.20 | -68.83 | -66.75 | -55.29 | -41.25 | -14.04 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -66.17 | -65.23 | -      | -      | -56.66 | -41.25 | -15.41 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -66.16 | -67.88 | -69.51 | -      | -56.87 | -41.25 | -15.62 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -65.40 | -68.37 | -69.44 | -66.48 | -55.12 | -41.25 | -13.87 |

5530 MHz (Peak):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -56.85              | -                   | -                   | -                   | -50.85      | -21.25               | -29.60      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -56.72              | -59.69              | -                   | -                   | -48.94      | -21.25               | -27.69      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -57.39              | -61.22              | -61.15              | -                   | -48.75      | -21.25               | -27.50      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -58.37              | -61.13              | -60.27              | -57.67              | -47.12      | -21.25               | -25.87      |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -56.99              | -                   | -                   | -                   | -50.99      | -21.25               | -29.74      |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -56.43              | -59.17              | -                   | -                   | -48.57      | -21.25               | -27.32      |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -59.64              | -60.63              | -60.63              | -                   | -49.50      | -21.25               | -28.25      |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -57.22              | -59.94              | -60.94              | -58.50              | -46.90      | -21.25               | -25.65      |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -58.16              | -58.85              | -                   | -                   | -49.48      | -21.25               | -28.23      |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -54.36              | -60.99              | -61.01              | -                   | -46.80      | -21.25               | -25.55      |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -58.17              | -61.03              | -59.85              | -58.97              | -47.36      | -21.25               | -26.11      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -57.57              | -61.84              | -61.17              | -                   | -48.99      | -21.25               | -27.74      |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -58.34              | -61.72              | -60.50              | -58.63              | -47.57      | -21.25               | -26.32      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -58.34              | -61.72              | -60.50              | -58.63              | -47.57      | -21.25               | -26.32      |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -59.93              | -61.60              | -                   | -                   | -48.67      | -21.25               | -27.42      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -58.65              | -62.25              | -61.58              | -                   | -44.99      | -21.25               | -23.74      |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -61.32              | -63.88              | -63.85              | -62.42              | -44.69      | -21.25               | -23.44      |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -56.62              | -59.03              | -                   | -                   | -48.65      | -21.25               | -27.40      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -55.59              | -61.85              | -60.42              | -                   | -45.88      | -21.25               | -24.63      |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -58.69              | -62.81              | -62.27              | -60.19              | -45.64      | -21.25               | -24.39      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -56.24              | -58.91              | -57.28              | -                   | -46.57      | -21.25               | -25.32      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -55.53              | -61.13              | -61.31              | -58.80              | -45.25      | -21.25               | -24.00      |

|                        |   |       |        |        |        |        |        |        |        |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -55.53 | -61.13 | -61.31 | -58.80 | -45.25 | -21.25 | -24.00 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -56.32 | -59.08 | -      | -      | -48.47 | -21.25 | -27.22 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -56.16 | -61.23 | -61.36 | -      | -48.08 | -21.25 | -26.83 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -58.17 | -60.89 | -60.89 | -58.68 | -47.46 | -21.25 | -26.21 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -56.85 | -      | -      | -      | -50.85 | -21.25 | -29.60 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | -56.72 | -59.69 | -      | -      | -48.94 | -21.25 | -27.69 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | -57.39 | -61.22 | -61.15 | -      | -48.75 | -21.25 | -27.50 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | -58.37 | -61.13 | -60.27 | -57.67 | -47.12 | -21.25 | -25.87 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -57.63 | -59.53 | -      | -      | -49.47 | -21.25 | -28.22 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | -56.74 | -61.23 | -59.79 | -      | -48.07 | -21.25 | -26.82 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | -58.69 | -60.74 | -61.41 | -58.68 | -47.69 | -21.25 | -26.44 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -59.41 | -61.05 | -61.13 | -      | -49.69 | -21.25 | -28.44 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | -58.66 | -61.58 | -60.79 | -58.80 | -47.76 | -21.25 | -26.51 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -58.18 | -60.26 | -60.70 | -58.77 | -47.33 | -21.25 | -26.08 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -57.95 | -59.66 | -      | -      | -46.70 | -21.25 | -25.45 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -59.69 | -61.99 | -61.98 | -      | -45.54 | -21.25 | -24.29 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -59.88 | -64.66 | -64.59 | -63.79 | -44.68 | -21.25 | -23.43 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -56.63 | -59.10 | -      | -      | -48.68 | -21.25 | -27.43 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -56.73 | -61.15 | -59.36 | -      | -46.16 | -21.25 | -24.91 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -58.79 | -61.53 | -62.49 | -61.01 | -45.70 | -21.25 | -24.45 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -57.06 | -58.63 | -58.81 | -      | -47.32 | -21.25 | -26.07 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -56.20 | -60.72 | -60.22 | -59.21 | -45.43 | -21.25 | -24.18 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -58.40 | -61.52 | -60.95 | -58.38 | -47.56 | -21.25 | -26.31 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -57.91 | -59.26 | -      | -      | -49.52 | -21.25 | -28.27 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -55.36 | -60.66 | -60.86 | -      | -47.39 | -21.25 | -26.14 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -57.70 | -60.18 | -60.95 | -58.89 | -47.23 | -21.25 | -25.98 |

## 5530 MHz (Average):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -62.31              | -                   | -                   | -                   | -56.31      | -41.25                  | -15.06      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -59.98              | -61.84              | -                   | -                   | -51.80      | -41.25                  | -10.55      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -59.74              | -68.25              | -67.67              | -                   | -52.60      | -41.25                  | -11.35      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -61.38              | -68.71              | -68.00              | -66.46              | -53.04      | -41.25                  | -11.79      |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -62.23              | -                   | -                   | -                   | -56.23      | -41.25                  | -14.98      |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -62.00              | -66.52              | -                   | -                   | -54.68      | -41.25                  | -13.43      |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -61.63              | -68.97              | -68.58              | -                   | -54.21      | -41.25                  | -12.96      |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -61.94              | -68.78              | -68.32              | -66.79              | -53.48      | -41.25                  | -12.23      |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -60.13              | -66.55              | -                   | -                   | -53.23      | -41.25                  | -11.98      |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -61.16              | -68.04              | -68.49              | -                   | -53.73      | -41.25                  | -12.48      |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -61.88              | -68.17              | -67.56              | -66.76              | -53.26      | -41.25                  | -12.01      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -60.75              | -68.79              | -68.49              | -                   | -53.53      | -41.25                  | -12.28      |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -62.44              | -68.21              | -68.43              | -66.71              | -53.67      | -41.25                  | -12.42      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -62.44              | -68.21              | -68.43              | -66.71              | -53.67      | -41.25                  | -12.42      |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -62.60              | -68.34              | -                   | -                   | -52.56      | -41.25                  | -11.31      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -64.12              | -69.18              | -67.53              | -                   | -50.88      | -41.25                  | -9.63       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -68.47              | -71.41              | -70.00              | -69.86              | -51.77      | -41.25                  | -10.52      |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -60.11              | -66.51              | -                   | -                   | -53.22      | -41.25                  | -11.97      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -61.73              | -68.03              | -68.51              | -                   | -52.38      | -41.25                  | -11.13      |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -65.35              | -69.65              | -69.22              | -65.04              | -51.78      | -41.25                  | -10.53      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -63.75              | -66.04              | -65.44              | -                   | -54.20      | -41.25                  | -12.95      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -59.80              | -68.63              | -67.07              | -66.33              | -50.67      | -41.25                  | -9.42       |

|                        |   |       |        |        |        |        |        |        |        |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -59.80 | -68.63 | -67.07 | -66.33 | -50.67 | -41.25 | -9.42  |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -62.26 | -66.02 | -      | -      | -54.73 | -41.25 | -13.48 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -60.35 | -68.71 | -68.03 | 0.00   | -53.15 | -41.25 | -11.90 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -61.29 | -68.65 | -68.07 | -64.42 | -52.55 | -41.25 | -11.30 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -62.31 | -      | -      | -      | -56.31 | -41.25 | -15.06 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | -59.98 | -61.84 | -      | -      | -51.80 | -41.25 | -10.55 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | -59.74 | -68.25 | -67.67 | -      | -52.60 | -41.25 | -11.35 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | -61.38 | -68.71 | -68.00 | -66.46 | -53.04 | -41.25 | -11.79 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -61.43 | -66.42 | -      | -      | -54.24 | -41.25 | -12.99 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | -59.32 | -68.80 | -68.35 | -      | -52.39 | -41.25 | -11.14 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | -61.79 | -68.39 | -68.23 | -65.91 | -53.16 | -41.25 | -11.91 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -62.80 | -68.30 | -68.00 | -      | -54.80 | -41.25 | -13.55 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | -61.15 | -68.59 | -67.29 | -66.86 | -52.86 | -41.25 | -11.61 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -62.05 | -68.60 | -68.46 | -66.38 | -53.45 | -41.25 | -12.20 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -62.01 | -68.76 | -      | -      | -52.16 | -41.25 | -10.91 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -63.32 | -69.42 | -69.11 | -      | -50.76 | -41.25 | -9.51  |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -63.96 | -71.53 | -70.21 | -70.05 | -49.74 | -41.25 | -8.49  |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -63.43 | -65.32 | -      | -      | -55.26 | -41.25 | -14.01 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -59.55 | -68.78 | -68.23 | -      | -50.81 | -41.25 | -9.56  |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -61.49 | -69.80 | -69.40 | -68.56 | -50.70 | -41.25 | -9.45  |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -63.46 | -66.39 | -65.97 | -      | -54.30 | -41.25 | -13.05 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -58.53 | -68.52 | -68.35 | -66.69 | -49.96 | -41.25 | -8.71  |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -61.84 | -68.99 | -68.17 | -64.94 | -53.02 | -41.25 | -11.77 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -62.27 | -66.38 | -      | -      | -54.84 | -41.25 | -13.59 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -60.11 | -68.52 | -68.18 | -      | -52.97 | -41.25 | -11.72 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -61.28 | -68.60 | -66.80 | -66.06 | -52.73 | -41.25 | -11.48 |

5610 MHz (Peak):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|----------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -58.27              | -                   | -                   | -                   | -52.27      | -21.25               | -31.02      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -57.59              | -59.08              | -                   | -                   | -49.26      | -21.25               | -28.01      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -58.68              | -59.73              | -61.79              | -                   | -49.11      | -21.25               | -27.86      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -58.82              | -61.07              | -62.08              | -57.46              | -47.46      | -21.25               | -26.21      |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -60.27              | -                   | -                   | -                   | -54.27      | -21.25               | -33.02      |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -60.96              | -59.28              | -                   | -                   | -51.03      | -21.25               | -29.78      |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -61.12              | -61.61              | -61.56              | -                   | -50.65      | -21.25               | -29.40      |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -61.06              | -60.77              | -61.55              | -57.95              | -48.06      | -21.25               | -26.81      |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -60.70              | -58.50              | -                   | -                   | -50.45      | -21.25               | -29.20      |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -59.65              | -62.02              | -61.61              | -                   | -50.20      | -21.25               | -28.95      |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -57.87              | -60.97              | -61.03              | -56.93              | -46.80      | -21.25               | -25.55      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -57.86              | -61.42              | -60.73              | -                   | -48.95      | -21.25               | -27.70      |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -58.53              | -60.92              | -59.97              | -57.42              | -46.99      | -21.25               | -25.74      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -58.53              | -60.92              | -59.97              | -57.42              | -46.99      | -21.25               | -25.74      |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -57.78              | -60.46              | -                   | -                   | -46.90      | -21.25               | -25.65      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -58.49              | -63.04              | -63.07              | -                   | -45.42      | -21.25               | -24.17      |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -58.34              | -64.91              | -64.67              | -59.02              | -42.69      | -21.25               | -21.44      |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -58.58              | -59.26              | -                   | -                   | -49.90      | -21.25               | -28.65      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -58.03              | -61.13              | -61.19              | -                   | -47.32      | -21.25               | -26.07      |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -58.73              | -62.86              | -62.81              | -58.00              | -45.01      | -21.25               | -23.76      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -58.55              | -58.95              | -57.59              | -                   | -47.56      | -21.25               | -26.31      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -58.71              | -60.06              | -61.03              | -56.81              | -45.58      | -21.25               | -24.33      |

|                        |   |       |        |        |        |        |        |        |        |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -58.71 | -60.06 | -61.03 | -56.81 | -45.58 | -21.25 | -24.33 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -58.65 | -59.38 | -      | -      | -49.99 | -21.25 | -28.74 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -58.58 | -61.22 | -60.74 | -      | -49.25 | -21.25 | -28.00 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -58.83 | -61.14 | -60.86 | -57.00 | -47.10 | -21.25 | -25.85 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -58.27 | -      | -      | -      | -52.27 | -21.25 | -31.02 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | -57.59 | -59.08 | -      | -      | -49.26 | -21.25 | -28.01 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | -58.68 | -59.73 | -61.79 | -      | -49.11 | -21.25 | -27.86 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | -58.82 | -61.07 | -62.08 | -57.46 | -47.46 | -21.25 | -26.21 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -58.31 | -58.80 | -      | -      | -49.54 | -21.25 | -28.29 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | -60.50 | -60.78 | -60.47 | -      | -49.81 | -21.25 | -28.56 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | -61.13 | -61.03 | -61.15 | -57.92 | -48.04 | -21.25 | -26.79 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -60.71 | -60.97 | -60.82 | -      | -50.06 | -21.25 | -28.81 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | -61.09 | -61.22 | -61.13 | -57.54 | -47.91 | -21.25 | -26.66 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -65.67 | -60.77 | -60.02 | -59.04 | -48.75 | -21.25 | -27.50 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -59.99 | -61.53 | -      | -      | -48.67 | -21.25 | -27.42 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -62.90 | -62.45 | -62.90 | -      | -47.20 | -21.25 | -25.95 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -65.83 | -65.01 | -65.58 | -63.02 | -46.67 | -21.25 | -25.42 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -57.77 | -59.03 | -      | -      | -50.34 | -21.25 | -29.09 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -60.28 | -61.02 | -61.59 | -      | -48.40 | -21.25 | -27.15 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -62.00 | -63.68 | -63.45 | -60.15 | -47.05 | -21.25 | -25.80 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -57.44 | -57.74 | -59.46 | -      | -47.36 | -21.25 | -26.11 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -60.85 | -60.42 | -60.47 | -58.11 | -46.54 | -21.25 | -25.29 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -60.78 | -61.68 | -60.09 | -57.91 | -47.86 | -21.25 | -26.61 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -58.52 | -57.83 | -      | -      | -49.15 | -21.25 | -27.90 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -61.01 | -61.05 | -60.35 | -      | -50.02 | -21.25 | -28.77 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -60.28 | -60.86 | -61.07 | -57.63 | -47.70 | -21.25 | -26.45 |

## 5610 MHz (Average):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Spurious (dBm) | Tx 2 Spurious (dBm) | Tx 3 Spurious (dBm) | Tx 4 Spurious (dBm) | Total (dBm) | FCC Average Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -63.07              | -                   | -                   | -                   | -57.07      | -41.25                  | -15.82      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -63.96              | -66.46              | -                   | -                   | -56.02      | -41.25                  | -14.77      |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -63.34              | -69.00              | -68.60              | -                   | -55.38      | -41.25                  | -14.13      |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -63.53              | -68.85              | -68.19              | -67.69              | -54.48      | -41.25                  | -13.23      |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -64.96              | -                   | -                   | -                   | -58.96      | -41.25                  | -17.71      |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -66.69              | -66.55              | -                   | -                   | -57.61      | -41.25                  | -16.36      |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -66.39              | -68.88              | -69.01              | -                   | -57.14      | -41.25                  | -15.89      |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -65.58              | -68.83              | -68.78              | -67.25              | -55.38      | -41.25                  | -14.13      |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -66.16              | -65.61              | -                   | -                   | -56.87      | -41.25                  | -15.62      |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -64.52              | -67.75              | -69.00              | -                   | -55.89      | -41.25                  | -14.64      |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -64.06              | -68.60              | -69.06              | -67.37              | -54.77      | -41.25                  | -13.52      |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -63.63              | -68.72              | -68.87              | -                   | -55.56      | -41.25                  | -14.31      |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -63.37              | -68.47              | -68.75              | -67.36              | -54.36      | -41.25                  | -13.11      |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -63.37              | -68.47              | -68.75              | -67.36              | -54.36      | -41.25                  | -13.11      |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -63.24              | -68.93              | -                   | -                   | -53.20      | -41.25                  | -11.95      |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -63.26              | -70.64              | -69.89              | -                   | -51.03      | -41.25                  | -9.78       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -62.77              | -72.19              | -72.39              | -70.89              | -49.36      | -41.25                  | -8.11       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -64.37              | -65.80              | -                   | -                   | -56.01      | -41.25                  | -14.76      |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -63.27              | -68.42              | -69.09              | -                   | -53.56      | -41.25                  | -12.31      |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -63.75              | -69.36              | -70.87              | -69.69              | -52.38      | -41.25                  | -11.13      |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -63.85              | -66.10              | -66.35              | -                   | -54.51      | -41.25                  | -13.26      |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -63.79              | -68.32              | -68.80              | -67.41              | -53.31      | -41.25                  | -12.06      |

|                        |   |       |        |        |        |        |        |        |        |
|------------------------|---|-------|--------|--------|--------|--------|--------|--------|--------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -63.79 | -68.32 | -68.80 | -67.41 | -53.31 | -41.25 | -12.06 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -62.86 | -66.42 | -      | -      | -55.27 | -41.25 | -14.02 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -64.12 | -68.59 | -68.24 | -      | -55.70 | -41.25 | -14.45 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -64.14 | -69.01 | -68.72 | -67.68 | -54.88 | -41.25 | -13.63 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -63.07 | -      | -      | -      | -57.07 | -41.25 | -15.82 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | -63.96 | -66.46 | -      | -      | -56.02 | -41.25 | -14.77 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | -63.34 | -69.00 | -68.60 | -      | -55.38 | -41.25 | -14.13 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | -63.53 | -68.85 | -68.19 | -67.69 | -54.48 | -41.25 | -13.23 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -63.10 | -65.97 | -      | -      | -55.29 | -41.25 | -14.04 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | -65.32 | -68.24 | -68.72 | -      | -56.38 | -41.25 | -15.13 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | -66.83 | -68.54 | -68.19 | -67.54 | -55.71 | -41.25 | -14.46 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -66.19 | -68.99 | -68.46 | -      | -56.93 | -41.25 | -15.68 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | -66.77 | -68.64 | -68.24 | -67.53 | -55.71 | -41.25 | -14.46 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -81.17 | -68.63 | -68.54 | -67.22 | -57.24 | -41.25 | -15.99 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -65.96 | -68.52 | -      | -      | -55.03 | -41.25 | -13.78 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -67.98 | -70.70 | -70.36 | -      | -53.96 | -41.25 | -12.71 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -72.41 | -71.42 | -72.56 | -71.36 | -53.86 | -41.25 | -12.61 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -63.96 | -65.99 | -      | -      | -56.85 | -41.25 | -15.60 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -65.64 | -68.81 | -68.50 | -      | -54.87 | -41.25 | -13.62 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -68.84 | -70.55 | -70.39 | -70.16 | -54.90 | -41.25 | -13.65 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -62.83 | -66.29 | -66.83 | -      | -54.16 | -41.25 | -12.91 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -66.82 | -69.21 | -68.91 | -67.23 | -54.65 | -41.25 | -13.40 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -67.56 | -68.91 | -68.66 | -66.83 | -55.89 | -41.25 | -14.64 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -63.57 | -66.15 | -      | -      | -55.66 | -41.25 | -14.41 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -65.69 | -68.84 | -68.57 | -      | -56.68 | -41.25 | -15.43 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -66.01 | -68.83 | -68.11 | -67.56 | -55.48 | -41.25 | -14.23 |

## Test results for Band-edge

5500 MHz (Peak):

| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -41.98               | -                    | -                    | -                    | -35.98      | -27.00               | -8.98       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -42.07               | -43.32               | -                    | -                    | -33.64      | -27.00               | -6.64       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -41.73               | -44.037              | -41.073              | -                    | -31.33      | -27.00               | -4.33       |
| non HT20, 6 to 54 Mbps               | 4        | 6.00                          | -44.22               | -46.21               | -46.286              | -41.178              | -31.92      | -27.00               | -4.92       |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -44.24               | -45.857              | -                    | -                    | -32.95      | -27.00               | -5.95       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -48.22               | -51.128              | -51.66               | -                    | -34.51      | -27.00               | -7.51       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -55.27               | -54.81               | -54.096              | -52.511              | -36.00      | -27.00               | -9.00       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -41.28               | -                    | -                    | -                    | -35.28      | -27.00               | -8.28       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -41.21               | -42.727              | -                    | -                    | -32.89      | -27.00               | -5.89       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -48.41               | -49.588              | -51.133              | -                    | -38.80      | -27.00               | -11.80      |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -53.50               | -53.75               | -53.645              | -52.019              | -41.15      | -27.00               | -14.15      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -39.36               | -42.052              | -                    | -                    | -31.49      | -27.00               | -4.49       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -42.17               | -43.986              | -41.388              | -                    | -31.61      | -27.00               | -4.61       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -48.63               | -50.157              | -51.007              | -47.94               | -37.25      | -27.00               | -10.25      |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -41.50               | -43.65               | -39.643              | -                    | -30.53      | -27.00               | -3.53       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -46.06               | -47.862              | -49.631              | -45.999              | -35.13      | -27.00               | -8.13       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -45.23               | -46.496              | -46.222              | -41.872              | -32.50      | -27.00               | -5.50       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -38.98               | -43.826              | -                    | -                    | -28.74      | -27.00               | -1.74       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -49.37               | -51.631              | -51.345              | -68.172              | -35.12      | -27.00               | -8.12       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -54.49               | -53.277              | -53.975              | -52.065              | -35.31      | -27.00               | -8.31       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -39.28               | -42.864              | -                    | -                    | -31.70      | -27.00               | -4.70       |

|                                       |   |       |        |         |         |         |        |        |        |
|---------------------------------------|---|-------|--------|---------|---------|---------|--------|--------|--------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 3 | 7.76  | -44.76 | -45.037 | -46.331 | -67.763 | -32.79 | -27.00 | -5.79  |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -55.16 | -53.29  | -53.297 | -52.516 | -38.43 | -27.00 | -11.43 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -41.52 | -42.312 | -39.984 | -       | -30.39 | -27.00 | -3.39  |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -47.35 | -47.335 | -49.374 | -46.217 | -34.16 | -27.00 | -7.16  |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -44.40 | -46.311 | -45.407 | -55.034 | -34.38 | -27.00 | -7.38  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -40.06 | -43.12  | -       | -       | -32.32 | -27.00 | -5.32  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -42.20 | -44.36  | -41.438 | -       | -31.73 | -27.00 | -4.73  |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -44.24 | -47.00  | -46.322 | -41.984 | -32.41 | -27.00 | -5.41  |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -37.47 | -       | -       | -       | -31.47 | -27.00 | -4.47  |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -38.05 | -40.109 | -       | -       | -29.95 | -27.00 | -2.95  |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -48.67 | -49.06  | -51.107 | -       | -38.72 | -27.00 | -11.72 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -54.20 | -54.102 | -53.827 | -53.357 | -41.84 | -27.00 | -14.84 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -37.88 | -39.968 | -       | -       | -29.79 | -27.00 | -2.79  |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -43.51 | -44.943 | -41.739 | -       | -32.43 | -27.00 | -5.43  |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -49.20 | -49.582 | -51.12  | -47.619 | -37.18 | -27.00 | -10.18 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -42.46 | -42.052 | -42.331 | -       | -31.51 | -27.00 | -4.51  |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -45.35 | -46.69  | -47.681 | -42.853 | -33.23 | -27.00 | -6.23  |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -43.30 | -44.839 | -43.842 | -38.738 | -29.94 | -27.00 | -2.94  |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -43.51 | -45.069 | -       | -       | -32.20 | -27.00 | -5.20  |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -48.29 | -50.873 | -50.931 | -       | -34.31 | -27.00 | -7.31  |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -55.20 | -53.519 | -53.191 | -54.302 | -35.94 | -27.00 | -8.94  |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -36.47 | -39.267 | -       | -       | -28.64 | -27.00 | -1.64  |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -47.06 | -48.86  | -50.516 | -       | -36.05 | -27.00 | -9.05  |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -50.02 | -49.245 | -52.852 | -51.836 | -35.73 | -27.00 | -8.73  |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -38.70 | -39.91  | -37.129 | -       | -27.66 | -27.00 | -0.66  |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -45.29 | -47.055 | -47.671 | -44.023 | -32.50 | -27.00 | -5.50  |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -43.41 | -45.197 | -41.001 | -38.369 | -29.22 | -27.00 | -2.22  |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -39.26 | -40.07  | -       | -       | -30.64 | -27.00 | -3.64  |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -44.24 | -46.01  | -43.534 | -       | -33.71 | -27.00 | -6.71  |

|                      |   |      |        |        |         |         |        |        |       |
|----------------------|---|------|--------|--------|---------|---------|--------|--------|-------|
| HE20, M0 to M11-STBC | 4 | 6.00 | -44.74 | -46.88 | -45.301 | -43.074 | -32.77 | -27.00 | -5.77 |
|----------------------|---|------|--------|--------|---------|---------|--------|--------|-------|

5700 MHz (Peak):

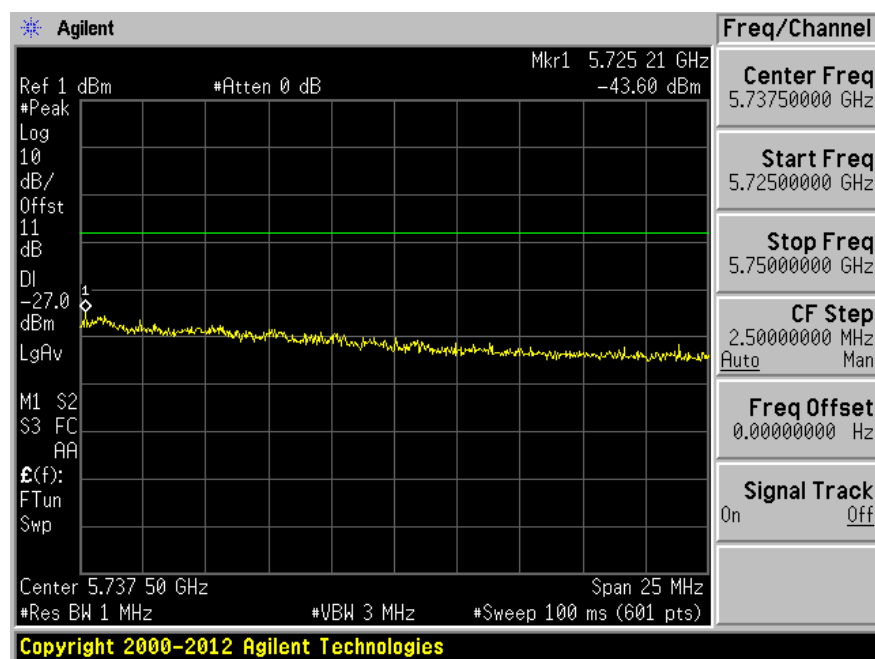
| Mode                                 | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Total (dBm)   | FCC Peak Limit (dBm) | Margin (dB) |
|--------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|---------------|----------------------|-------------|
| non HT20, 6 to 54 Mbps               | 1        | 6.00                          | -38.17               | -                    | -                    | -                    | -32.17        | -27.00               | -5.17       |
| non HT20, 6 to 54 Mbps               | 2        | 6.00                          | -44.69               | -42.513              | -                    | -                    | -34.46        | -27.00               | -7.46       |
| non HT20, 6 to 54 Mbps               | 3        | 6.00                          | -44.88               | -42.615              | -42.973              | -                    | -32.61        | -27.00               | -5.61       |
| <b>non HT20, 6 to 54 Mbps</b>        | <b>4</b> | <b>6.00</b>                   | <b>-43.60</b>        | <b>-42.191</b>       | <b>-42.074</b>       | <b>-34.752</b>       | <b>-27.00</b> | <b>-27.00</b>        | <b>0.00</b> |
| non HT20, 6 to 54 Mbps-BF            | 2        | 9.01                          | -44.57               | -42.362              | -                    | -                    | -31.31        | -27.00               | -4.31       |
| non HT20, 6 to 54 Mbps-BF            | 3        | 10.77                         | -49.57               | -51.221              | -48.347              | -                    | -34.02        | -27.00               | -7.02       |
| non HT20, 6 to 54 Mbps-BF            | 4        | 12.02                         | -54.38               | -54.677              | -52.347              | -50.09               | -34.42        | -27.00               | -7.42       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 1        | 6.00                          | -33.00               | -                    | -                    | -                    | -27.00        | -27.00               | 0.00        |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 2        | 6.00                          | -39.38               | -35.688              | -                    | -                    | -28.14        | -27.00               | -1.14       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 3        | 6.00                          | -46.57               | -47.56               | -47.076              | -                    | -36.28        | -27.00               | -9.28       |
| HT/VHT20, M0 to M7, M0.1 to M8.1     | 4        | 6.00                          | -51.97               | -52.028              | -49.35               | -49.261              | -38.43        | -27.00               | -11.43      |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 2        | 6.00                          | -39.75               | -36.306              | -                    | -                    | -28.68        | -27.00               | -1.68       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 3        | 6.00                          | -44.66               | -42.801              | -44.097              | -                    | -33.01        | -27.00               | -6.01       |
| HT/VHT20, M8 to M15, M0.2 to M8.2    | 4        | 6.00                          | -46.00               | -47.408              | -46.639              | -45.707              | -34.37        | -27.00               | -7.37       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 3        | 6.00                          | -44.94               | -42.702              | -44.491              | -                    | -33.16        | -27.00               | -6.16       |
| HT/VHT20, M16 to M23, M0.3 to M8.3   | 4        | 6.00                          | -45.08               | -41.094              | -44.61               | -37.71               | -29.05        | -27.00               | -2.05       |
| HT/VHT20, M24 to M31, M0.4 to M8.4   | 4        | 6.00                          | -45.06               | -42.476              | -42.485              | -37.102              | -28.70        | -27.00               | -1.70       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 2        | 9.01                          | -44.75               | -42.093              | -                    | -                    | -31.20        | -27.00               | -4.20       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 3        | 10.77                         | -48.68               | -48.806              | -47.719              | -68.876              | -32.83        | -27.00               | -5.83       |
| HT/VHT20, M0 to M7, M0.1 to M8.1-BF  | 4        | 12.02                         | -51.83               | -51.681              | -51.211              | -49.752              | -33.00        | -27.00               | -6.00       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 2        | 6.00                          | -39.88               | -36.435              | -                    | -                    | -28.81        | -27.00               | -1.81       |
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF | 3        | 7.76                          | -43.79               | -44.401              | -44.294              | -68.66               | -31.62        | -27.00               | -4.62       |

|                                       |   |       |        |         |         |         |        |        |       |
|---------------------------------------|---|-------|--------|---------|---------|---------|--------|--------|-------|
| HT/VHT20, M8 to M15, M0.2 to M8.2-BF  | 4 | 9.01  | -49.38 | -47.829 | -49.282 | -48.348 | -33.63 | -27.00 | -6.63 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 3 | 6.00  | -44.26 | -42.742 | -43.388 | -       | -32.65 | -27.00 | -5.65 |
| HT/VHT20, M16 to M23, M0.3 to M8.3-BF | 4 | 7.25  | -46.49 | -44.176 | -46.616 | -44.953 | -32.16 | -27.00 | -5.16 |
| HT/VHT20, M24 to M31, M0.4 to M8.4-BF | 4 | 6.00  | -44.56 | -44.436 | -42.457 | -37.207 | -28.97 | -27.00 | -1.97 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 2 | 6.00  | -39.81 | -36.71  | -       | -       | -28.98 | -27.00 | -1.98 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 3 | 6.00  | -44.28 | -42.13  | -42.793 | -       | -32.20 | -27.00 | -5.20 |
| HT/VHT20, M0 to M7, M0 to M8-STBC     | 4 | 6.00  | -44.74 | -43.80  | -42.977 | -36.923 | -28.83 | -27.00 | -1.83 |
| HE20, M0.1 to M11.1                   | 1 | 6.00  | -41.01 | -       | -       | -       | -35.01 | -27.00 | -8.01 |
| HE20, M0.1 to M11.1                   | 2 | 6.00  | -38.81 | -36.628 | -       | -       | -28.57 | -27.00 | -1.57 |
| HE20, M0.1 to M11.1                   | 3 | 6.00  | -44.88 | -45.364 | -45.974 | -       | -34.61 | -27.00 | -7.61 |
| HE20, M0.1 to M11.1                   | 4 | 6.00  | -47.75 | -45.809 | -47.19  | -45.295 | -34.38 | -27.00 | -7.38 |
| HE20, M0.2 to M11.2                   | 2 | 6.00  | -41.98 | -38.891 | -       | -       | -31.15 | -27.00 | -4.15 |
| HE20, M0.2 to M11.2                   | 3 | 6.00  | -43.09 | -35.676 | -40.394 | -       | -27.86 | -27.00 | -0.86 |
| HE20, M0.2 to M11.2                   | 4 | 6.00  | -44.72 | -42.843 | -44.801 | -44.309 | -32.07 | -27.00 | -5.07 |
| HE20, M0.3 to M11.3                   | 3 | 6.00  | -40.50 | -39.987 | -39.005 | -       | -29.02 | -27.00 | -2.02 |
| HE20, M0.3 to M11.3                   | 4 | 6.00  | -43.88 | -40.372 | -43.934 | -38.575 | -29.06 | -27.00 | -2.06 |
| HE20, M0.4 to M11.4                   | 4 | 6.00  | -45.16 | -41.217 | -43.128 | -39.772 | -29.85 | -27.00 | -2.85 |
| HE20, M0.1 to M11.1-BF                | 2 | 9.01  | -42.93 | -39.423 | -       | -       | -28.81 | -27.00 | -1.81 |
| HE20, M0.1 to M11.1-BF                | 3 | 10.77 | -45.11 | -43.736 | -45.845 | -       | -29.27 | -27.00 | -2.27 |
| HE20, M0.1 to M11.1-BF                | 4 | 12.02 | -48.28 | -46.693 | -48.251 | -46.405 | -29.28 | -27.00 | -2.28 |
| HE20, M0.2 to M11.2-BF                | 2 | 6.00  | -42.22 | -39.443 | -       | -       | -31.60 | -27.00 | -4.60 |
| HE20, M0.2 to M11.2-BF                | 3 | 7.76  | -44.17 | -38.889 | -43.809 | -       | -29.04 | -27.00 | -2.04 |
| HE20, M0.2 to M11.2-BF                | 4 | 9.01  | -47.12 | -47.205 | -44.538 | -46.287 | -31.12 | -27.00 | -4.12 |
| HE20, M0.3 to M11.3-BF                | 3 | 6.00  | -41.62 | -36.402 | -40.458 | -       | -28.11 | -27.00 | -1.11 |
| HE20, M0.3 to M11.3-BF                | 4 | 7.25  | -44.34 | -41.09  | -43.886 | -40.399 | -28.83 | -27.00 | -1.83 |
| HE20, M0.4 to M11.4-BF                | 4 | 6.00  | -45.01 | -40.636 | -44.272 | -39.73  | -29.82 | -27.00 | -2.82 |
| HE20, M0 to M11-STBC                  | 2 | 6.00  | -40.72 | -39.49  | -       | -       | -31.05 | -27.00 | -4.05 |
| HE20, M0 to M11-STBC                  | 3 | 6.00  | -42.22 | -38.60  | -41.267 | -       | -29.64 | -27.00 | -2.64 |
| HE20, M0 to M11-STBC                  | 4 | 6.00  | -43.95 | -41.24  | -43.584 | -39.532 | -29.68 | -27.00 | -2.68 |

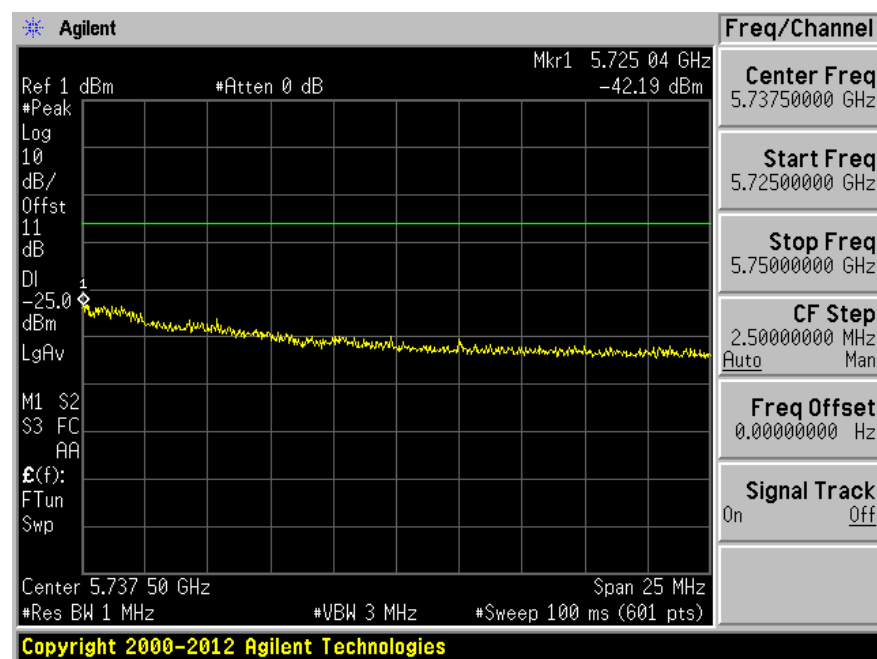
Please refer to the following plots for the worst case configuration

5700 MHz (Peak)

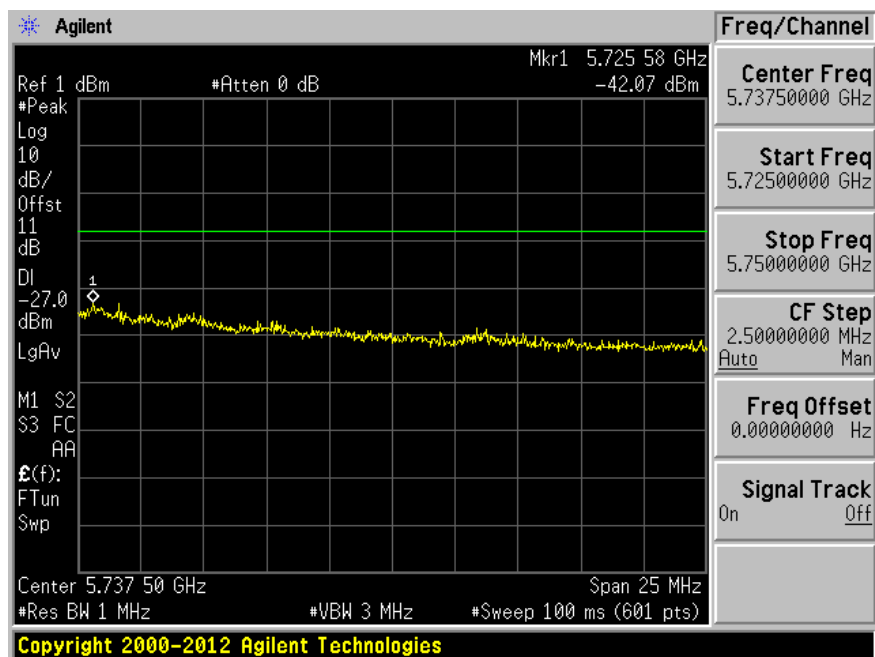
Ant-a



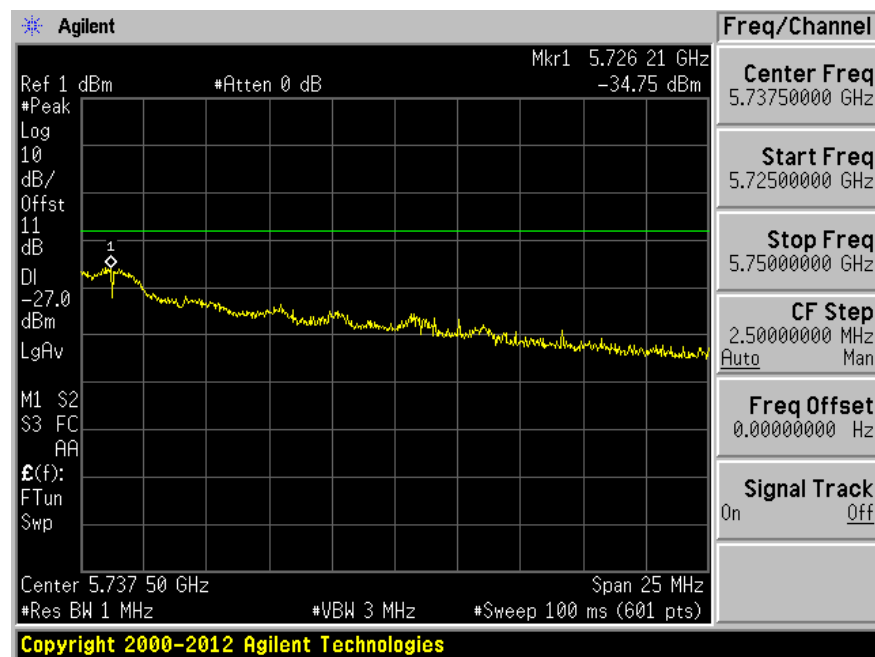
Ant-b



Ant-c



Ant-d



5510 MHz (Peak):

| Mode                                  | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|---------------------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| non HT40, 6 to 54 Mbps                | 1        | 6.00                          | -33.46               | -                    | -                    | -                    | -27.46      | -27.00               | -0.46       |
| non HT40, 6 to 54 Mbps                | 2        | 6.00                          | -35.14               | -38.331              | -                    | -                    | -27.44      | -27.00               | -0.44       |
| non HT40, 6 to 54 Mbps                | 3        | 6.00                          | -42.13               | -40.753              | -35.887              | -                    | -27.95      | -27.00               | -0.95       |
| non HT40, 6 to 54 Mbps                | 4        | 6.00                          | -45.27               | -45.187              | -43.545              | -39.685              | -30.74      | -27.00               | -3.74       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 1        | 6.00                          | -36.62               | -                    | -                    | -                    | -30.62      | -27.00               | -3.62       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 2        | 6.00                          | -40.00               | -36.997              | -                    | -                    | -29.23      | -27.00               | -2.23       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 3        | 6.00                          | -41.04               | -39.79               | -36.8                | -                    | -28.06      | -27.00               | -1.06       |
| HT/VHT40, M0 to M7, M0.1 to M9.1      | 4        | 6.00                          | -43.55               | -41.737              | -41.913              | -44.6                | -30.77      | -27.00               | -3.77       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 2        | 6.00                          | -39.75               | -38.428              | -                    | -                    | -30.03      | -27.00               | -3.03       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 3        | 6.00                          | -40.91               | -38.689              | -37.49               | -                    | -28.04      | -27.00               | -1.04       |
| HT/VHT40, M8 to M15, M0.2 to M9.2     | 4        | 6.00                          | -42.62               | -40.658              | -37.769              | -38.281              | -27.41      | -27.00               | -0.41       |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 3        | 6.00                          | -39.83               | -38.249              | -36.064              | -                    | -27.00      | -27.00               | 0.00        |
| HT/VHT40, M16 to M23, M0.3 to M9.3    | 4        | 6.00                          | -43.15               | -41.144              | -37.495              | -39.127              | -27.71      | -27.00               | -0.71       |
| HT/VHT40, M24 to M31, M0.4 to M9.4    | 4        | 6.00                          | -41.98               | -39.334              | -38.427              | -37.964              | -27.16      | -27.00               | -0.16       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 2        | 9.01                          | -42.11               | -39.931              | -                    | -                    | -28.86      | -27.00               | -1.86       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 3        | 10.77                         | -44.74               | -44.197              | -43.593              | -                    | -28.61      | -27.00               | -1.61       |
| HT/VHT40, M0 to M7, M0.1 to M9.1-BF   | 4        | 12.02                         | -45.12               | -45.661              | -44.88               | -45.117              | -27.14      | -27.00               | -0.14       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 2        | 6.00                          | -38.06               | -37.939              | -                    | -                    | -28.99      | -27.00               | -1.99       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 3        | 7.76                          | -42.83               | -39.446              | -37.885              | -                    | -27.08      | -27.00               | -0.08       |
| HT/VHT40, M8 to M15, M0.2 to M9.2-BF  | 4        | 9.01                          | -46.50               | -44.699              | -44.318              | -45.991              | -30.25      | -27.00               | -3.25       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 3        | 6.00                          | -40.05               | -37.339              | -36.636              | -                    | -27.01      | -27.00               | -0.01       |
| HT/VHT40, M16 to M23, M0.3 to M9.3-BF | 4        | 7.25                          | -43.11               | -41.992              | -40.701              | -43.694              | -28.95      | -27.00               | -1.95       |

|                                       |   |       |        |         |         |         |        |        |       |
|---------------------------------------|---|-------|--------|---------|---------|---------|--------|--------|-------|
| HT/VHT40, M24 to M31, M0.4 to M9.4-BF | 4 | 6.00  | -42.29 | -38.576 | -38.792 | -40.349 | -27.75 | -27.00 | -0.75 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 2 | 6.00  | -41.22 | -37.71  | -       | -       | -30.11 | -27.00 | -3.11 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 3 | 6.00  | -39.95 | -38.42  | -37.196 | -       | -27.61 | -27.00 | -0.61 |
| HT/VHT40, M0 to M7, M0 to M9-STBC     | 4 | 6.00  | -42.69 | -41.29  | -37.085 | -38.958 | -27.46 | -27.00 | -0.46 |
| HE40, M0.1 to M11.1                   | 1 | 6.00  | -37.44 | -       | -       | -       | -31.44 | -27.00 | -4.44 |
| HE40, M0.1 to M11.1                   | 2 | 6.00  | -37.50 | -38.779 | -       | -       | -29.08 | -27.00 | -2.08 |
| HE40, M0.1 to M11.1                   | 3 | 6.00  | -40.00 | -39.303 | -37.792 | -       | -28.16 | -27.00 | -1.16 |
| HE40, M0.1 to M11.1                   | 4 | 6.00  | -43.78 | -42.679 | -41.364 | -43.976 | -30.80 | -27.00 | -3.80 |
| HE40, M0.2 to M11.2                   | 2 | 6.00  | -38.63 | -36.874 | -       | -       | -28.65 | -27.00 | -1.65 |
| HE40, M0.2 to M11.2                   | 3 | 6.00  | -39.93 | -40.377 | -38.083 | -       | -28.57 | -27.00 | -1.57 |
| HE40, M0.2 to M11.2                   | 4 | 6.00  | -42.94 | -41.322 | -38.093 | -39.957 | -28.19 | -27.00 | -1.19 |
| HE40, M0.3 to M11.3                   | 3 | 6.00  | -42.30 | -39.15  | -37.553 | -       | -28.48 | -27.00 | -1.48 |
| HE40, M0.3 to M11.3                   | 4 | 6.00  | -43.31 | -40.767 | -38.574 | -40.912 | -28.55 | -27.00 | -1.55 |
| HE40, M0.4 to M11.4                   | 4 | 6.00  | -42.48 | -39.483 | -37.832 | -40.464 | -27.73 | -27.00 | -0.73 |
| HE40, M0.1 to M11.1-BF                | 2 | 9.01  | -42.10 | -40.542 | -       | -       | -29.23 | -27.00 | -2.23 |
| HE40, M0.1 to M11.1-BF                | 3 | 10.77 | -43.51 | -45.618 | -41.791 | -       | -27.83 | -27.00 | -0.83 |
| HE40, M0.1 to M11.1-BF                | 4 | 12.02 | -46.14 | -44.577 | -46.238 | -46.09  | -27.66 | -27.00 | -0.66 |
| HE40, M0.2 to M11.2-BF                | 2 | 6.00  | -37.71 | -36.209 | -       | -       | -27.88 | -27.00 | -0.88 |
| HE40, M0.2 to M11.2-BF                | 3 | 7.76  | -43.93 | -41.177 | -36.863 | -       | -27.15 | -27.00 | -0.15 |
| HE40, M0.2 to M11.2-BF                | 4 | 9.01  | -45.34 | -40.854 | -41.544 | -42.416 | -27.21 | -27.00 | -0.21 |
| HE40, M0.3 to M11.3-BF                | 3 | 6.00  | -40.06 | -39.454 | -37.045 | -       | -27.88 | -27.00 | -0.88 |
| HE40, M0.3 to M11.3-BF                | 4 | 7.25  | -44.33 | -42.913 | -41.391 | -44.184 | -29.77 | -27.00 | -2.77 |
| HE40, M0.4 to M11.4-BF                | 4 | 6.00  | -42.24 | -40.565 | -39.086 | -39.355 | -28.12 | -27.00 | -1.12 |
| HE40, M0 to M11-STBC                  | 2 | 6.00  | -37.99 | -37.05  | -       | -       | -28.48 | -27.00 | -1.48 |
| HE40, M0 to M11-STBC                  | 3 | 6.00  | -37.19 | -40.29  | -39.012 | -       | -27.87 | -27.00 | -0.87 |
| HE40, M0 to M11-STBC                  | 4 | 6.00  | -43.11 | -41.10  | -36.765 | -39.584 | -27.49 | -27.00 | -0.49 |

5530 MHz (Peak):

| Mode                   | Tx paths | correlated antenna gain (dBi) | Tx 1 Band-edge (dBm) | Tx 2 Band-edge (dBm) | Tx 3 Band-edge (dBm) | Tx 4 Band-edge (dBm) | Total (dBm) | FCC Peak Limit (dBm) | Margin (dB) |
|------------------------|----------|-------------------------------|----------------------|----------------------|----------------------|----------------------|-------------|----------------------|-------------|
| non HT80, 6 to 54 Mbps | 1        | 6.00                          | -43.38               | -                    | -                    | -                    | -37.38      | -27.00               | -10.38      |
| non HT80, 6 to 54 Mbps | 2        | 6.00                          | -44.37               | -43.247              | -                    | -                    | -34.76      | -27.00               | -7.76       |
| non HT80, 6 to 54 Mbps | 3        | 6.00                          | -47.76               | -43.683              | -44.343              | -                    | -34.16      | -27.00               | -7.16       |
| non HT80, 6 to 54 Mbps | 4        | 6.00                          | -47.26               | -42.455              | -43.964              | -61.564              | -33.34      | -27.00               | -6.34       |
| VHT80, M0.1 to M9.1    | 1        | 6.00                          | -42.86               | -                    | -                    | -                    | -36.86      | -27.00               | -9.86       |
| VHT80, M0.1 to M9.1    | 2        | 6.00                          | -43.96               | -41.864              | -                    | -                    | -33.77      | -27.00               | -6.77       |
| VHT80, M0.1 to M9.1    | 3        | 6.00                          | -45.83               | -42.723              | -42.887              | -                    | -32.83      | -27.00               | -5.83       |
| VHT80, M0.1 to M9.1    | 4        | 6.00                          | -47.13               | -45.43               | -44.92               | -46.587              | -33.91      | -27.00               | -6.91       |
| VHT80, M0.2 to M9.2    | 2        | 6.00                          | -43.86               | -41.368              | -                    | -                    | -33.43      | -27.00               | -6.43       |
| VHT80, M0.2 to M9.2    | 3        | 6.00                          | -46.99               | -43.039              | -43.641              | -                    | -33.47      | -27.00               | -6.47       |
| VHT80, M0.2 to M9.2    | 4        | 6.00                          | -48.35               | -45.912              | -46.348              | -46.767              | -34.73      | -27.00               | -7.73       |
| VHT80, M0.3 to M9.3    | 3        | 6.00                          | -46.13               | -41.081              | -43.999              | -                    | -32.47      | -27.00               | -5.47       |
| VHT80, M0.3 to M9.3    | 4        | 6.00                          | -46.74               | -42.428              | -43.609              | -45.592              | -32.25      | -27.00               | -5.25       |
| VHT80, M0.4 to M9.4    | 4        | 6.00                          | -44.91               | -41.745              | -44.051              | -45.601              | -31.80      | -27.00               | -4.80       |
| VHT80, M0.1 to M9.1-BF | 2        | 9.01                          | -46.02               | -42.204              | -                    | -                    | -31.68      | -27.00               | -4.68       |
| VHT80, M0.1 to M9.1-BF | 3        | 10.77                         | -50.71               | -49.463              | -46.796              | -                    | -33.13      | -27.00               | -6.13       |
| VHT80, M0.1 to M9.1-BF | 4        | 12.02                         | -53.08               | -52.659              | -50.856              | -50.363              | -33.55      | -27.00               | -6.55       |
| VHT80, M0.2 to M9.2-BF | 2        | 6.00                          | -43.89               | -41.045              | -                    | -                    | -33.23      | -27.00               | -6.23       |
| VHT80, M0.2 to M9.2-BF | 3        | 7.76                          | -46.35               | -44.542              | -44.232              | -                    | -32.42      | -27.00               | -5.42       |
| VHT80, M0.2 to M9.2-BF | 4        | 9.01                          | -51.41               | -48.571              | -47.772              | -49.042              | -33.98      | -27.00               | -6.98       |
| VHT80, M0.3 to M9.3-BF | 3        | 6.00                          | -45.83               | -41.003              | -44.045              | -                    | -32.39      | -27.00               | -5.39       |
| VHT80, M0.3 to M9.3-BF | 4        | 7.25                          | -46.50               | -43.544              | -41.52               | -                    | -32.63      | -27.00               | -5.63       |

|                        |   |       |        |         |         |         |        |        |       |
|------------------------|---|-------|--------|---------|---------|---------|--------|--------|-------|
| VHT80, M0.4 to M9.4-BF | 4 | 6.00  | -48.15 | -47.5   | -48     | -49.1   | -34.88 | -27.00 | -7.88 |
| VHT80, M0 to M9-STBC   | 2 | 6.00  | -44.29 | -42.59  | -       | -       | -34.35 | -27.00 | -7.35 |
| VHT80, M0 to M9-STBC   | 3 | 6.00  | -45.04 | -43.60  | -42.577 | -       | -32.85 | -27.00 | -5.85 |
| VHT80, M0 to M9-STBC   | 4 | 6.00  | -47.38 | -44.93  | -45.51  | -45.446 | -33.70 | -27.00 | -6.70 |
| HE80, M0.1 to M11.1    | 1 | 6.00  | -41.19 | -       | -       | -       | -35.19 | -27.00 | -8.19 |
| HE80, M0.1 to M11.1    | 2 | 6.00  | -44.38 | -40.757 | -       | -       | -33.19 | -27.00 | -6.19 |
| HE80, M0.1 to M11.1    | 3 | 6.00  | -43.83 | -40.29  | -41.112 | -       | -30.73 | -27.00 | -3.73 |
| HE80, M0.1 to M11.1    | 4 | 6.00  | -45.13 | -37.655 | -37.398 | -43.366 | -27.66 | -27.00 | -0.66 |
| HE80, M0.2 to M11.2    | 2 | 6.00  | -44.59 | -41.198 | -       | -       | -33.56 | -27.00 | -6.56 |
| HE80, M0.2 to M11.2    | 3 | 6.00  | -45.02 | -39.926 | -41.477 | -       | -30.90 | -27.00 | -3.90 |
| HE80, M0.2 to M11.2    | 4 | 6.00  | -45.55 | -44.85  | -45.687 | -46.607 | -33.61 | -27.00 | -6.61 |
| HE80, M0.3 to M11.3    | 3 | 6.00  | -44.71 | -39.784 | -40.33  | -       | -30.35 | -27.00 | -3.35 |
| HE80, M0.3 to M11.3    | 4 | 6.00  | -47.31 | -44.868 | -45.512 | -46.256 | -33.87 | -27.00 | -6.87 |
| HE80, M0.4 to M11.4    | 4 | 6.00  | -44.92 | -39.384 | -39.752 | -43.616 | -29.28 | -27.00 | -2.28 |
| HE80, M0.1 to M11.1-BF | 2 | 9.01  | -46.25 | -41.001 | -       | -       | -30.86 | -27.00 | -3.86 |
| HE80, M0.1 to M11.1-BF | 3 | 10.77 | -49.59 | -46.406 | -44.738 | -       | -30.94 | -27.00 | -3.94 |
| HE80, M0.1 to M11.1-BF | 4 | 12.02 | -54.11 | -51.313 | -48.066 | -49.25  | -32.10 | -27.00 | -5.10 |
| HE80, M0.2 to M11.2-BF | 2 | 6.00  | -40.84 | -43.6   | -       | -       | -32.99 | -27.00 | -5.99 |
| HE80, M0.2 to M11.2-BF | 3 | 7.76  | -47.27 | -45.471 | -45.778 | -       | -33.57 | -27.00 | -6.57 |
| HE80, M0.2 to M11.2-BF | 4 | 9.01  | -46.66 | -47.625 | -43.64  | -44.332 | -30.24 | -27.00 | -3.24 |
| HE80, M0.3 to M11.3-BF | 3 | 6.00  | -44.95 | -41.396 | -38.731 | -       | -30.23 | -27.00 | -3.23 |
| HE80, M0.3 to M11.3-BF | 4 | 7.25  | -48.66 | -47.795 | -47.047 | -48.386 | -34.66 | -27.00 | -7.66 |
| HE80, M0.4 to M11.4-BF | 4 | 6.00  | -47.15 | -44.259 | -43.744 | -46.177 | -33.10 | -27.00 | -6.10 |
| HE80, M0 to M11-STBC   | 2 | 6.00  | -44.26 | -41.22  | -       | -       | -33.47 | -27.00 | -6.47 |
| HE80, M0 to M11-STBC   | 3 | 6.00  | -42.88 | -41.00  | -39.895 | -       | -30.32 | -27.00 | -3.32 |
| HE80, M0 to M11-STBC   | 4 | 6.00  | -45.59 | -39.91  | -38.482 | -39.381 | -28.12 | -27.00 | -1.12 |

## 12 Annex B – A2LA Electrical Testing Certificate



### Accredited Laboratory

A2LA has accredited

**BAY AREA COMPLIANCE LABORATORIES CORP.**

Sunnyvale, CA

for technical competence in the field of

**Electrical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. This laboratory also meets A2LA R222 - Specific Requirements EPA ENERGY STAR Accreditation Program. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 2<sup>nd</sup> day of October 2018.

A handwritten signature in blue ink, likely belonging to the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3297.02  
Valid to September 30, 2020  
Revised June 5, 2019

*For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.*

--- END OF REPORT ---