

# FCC UNII REPORT

## Certification

**Applicant Name:**

SAMSUNG Electronics Co., Ltd.

**Date of Issue:**

July 24, 2023

**Address:**129, Samsung-ro, Yeongtong-gu, Suwon-si,  
Gyeonggi-do, 16677, Rep. of Korea**Test Site/Location:**74, Seoicheon-ro 578 beon-gil, Majang-myeon, Icheon-si,  
Gyeonggi-do, 17383 KOREA**Report No.:** HCT-RF-2307-FC029**FCC ID:** A3LSMX610**APPLICANT:** SAMSUNG Electronics Co., Ltd.

Full test (Because of changing target power)

- 802.11ax(HE20): Ch. 48, Ch. 100, Ch. 132 Mode

- 802.11ax(HE40): Ch. 46, Ch. 102, Ch. 134 Mode

- 802.11ax(HE80): Ch. 42, Ch. 106, Ch. 138 Mode

According to the Evaluation report, all of the data contained herein is reused from the reference FCC ID :  
A3LSMX616B report.**Model:** SM-X610**Additional Model:** -**EUT Type:** Tablet**Modulation type** OFDMA, OFDM**FCC Classification:** Unlicensed National Information Infrastructure(NII)**FCC Rule Part(s):** Part 15.407**Engineering Statement:**

The measurements shown in this report were made in accordance with the procedures indicated, and the emissions from this equipment were found to be within the limits applicable. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them. It is further stated that upon the basis of the measurements made, the equipment tested is capable of operation in accordance with the requirements of the FCC Rules under normal use and maintenance.

Report No.: HCT-RF-2307-FC029

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REVIEWED BY



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Report prepared by : Sang Hoon Lee  
Engineer of Telecommunication Testing Center



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Report approved by : Jong Seok Lee  
Manager of Telecommunication Testing Center

This test results were applied only to the test methods required by the standard.

This laboratory is not accredited for the test results marked \*.

The above Test Report is the accredited test result by (KS Q) ISO/IEC 17025 and KOLAS(Korea Laboratory Accreditation Scheme), which signed the ILAC-MRA. (HCT Accreditation No.: KT197)

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## Version

| TEST REPORT NO.   | DATE          | DESCRIPTION             |
|-------------------|---------------|-------------------------|
| HCT-RF-2307-FC029 | July 24, 2023 | - First Approval Report |

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## 1. GENERAL INFORMATION

### EUT DESCRIPTION

|                                    |                                                  |                                                                               |
|------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Model</b>                       | SM-X610                                          |                                                                               |
| <b>Additional Model</b>            | -                                                |                                                                               |
| <b>EUT Type</b>                    | Tablet                                           |                                                                               |
| <b>Power Supply</b>                | DC 3.85 V                                        |                                                                               |
| <b>Modulation Type</b>             | OFDMA,OFDM                                       |                                                                               |
| <b>Frequency Range (MHz)</b>       | U-NII-1                                          | 20 MHz BW : 5180 - 5240<br>40 MHz BW : 5190 - 5230<br>80 MHz BW : 5210        |
|                                    | U-NII-2A                                         | 20 MHz BW : 5260 - 5320<br>40 MHz BW : 5270 - 5310<br>80 MHz BW : 5290        |
|                                    | U-NII-2C                                         | 20 MHz BW : 5500 - 5720<br>40 MHz BW : 5510 - 5710<br>80 MHz BW : 5530 - 5690 |
|                                    | U-NII-3                                          | 20 MHz BW : 5745 - 5825<br>40 MHz BW : 5755 - 5795<br>80 MHz BW : 5775        |
| <b>Straddle channel</b>            | Supported                                        |                                                                               |
| <b>TDWR Band</b>                   | Supported                                        |                                                                               |
| <b>Dynamic Frequency Selection</b> | Slave without radar detection                    |                                                                               |
| <b>Date(s) of Tests</b>            | Reuse Data: May 24, 2023 ~ July 24, 2023         |                                                                               |
| <b>Reuse EUT Serial number</b>     | Radiated: R32W500WZGY<br>Conducted : R32W500WZ4A |                                                                               |
| <b>Full Test EUT Serial number</b> | Radiated: R32W400HBPD<br>Conducted : R32W400HHRZ |                                                                               |

## ANTENNA CONFIGURATIONS

### 1. Antenna configuration

| Configurations | SISO  |       | MIMO |     |
|----------------|-------|-------|------|-----|
|                | Ant.1 | Ant.2 | CDD  | SDM |
| 802.11ax       | X     | O     | X    | O   |

#### Note:

- (1) O = Support, X = Not Support
- (2) SISO = Single Input Single Output
- (3) SDM = Spatial Diversity Multiplexing
- (4) CDD = Cyclic Delay Diversity

2. This device supports simultaneous transmission operation, which allows for two channels to operate independent of one another in the BT and 5 GHz bands simultaneously on each antenna.

| DBS Scenario                          | 2.4 GHz<br>WiFi Ant.1 | 2.4 GHz<br>WiFi Ant.2 | 5 GHz<br>WiFi<br>Ant.1 | 5 GHz<br>WiFi<br>Ant.2 | Bluetooth<br>Ant.1 | Test Case |
|---------------------------------------|-----------------------|-----------------------|------------------------|------------------------|--------------------|-----------|
| Bluetooth ANT.1 +<br>5 GHz WiFi ANT.2 | -                     | -                     | -                      | on                     | on                 | Scenario1 |

Please refer to the [BT], [UNII] Test Report.

### 3. Directional Gain Calculation

According to KDB 662911 D01 Multiple Transmitter Output v02r01 F) 2) e) (iii)

$$\text{Directional gain} = G_{\max} + 10 \cdot \text{LOG}(N_{\text{ANT}} / N_{\text{ss}})$$

| Band    | Ant Gain (dBi) |       | $N_{\text{ANT}} / N_{\text{ss}}$ | Directional Gain SDM (dBi) |
|---------|----------------|-------|----------------------------------|----------------------------|
|         | ANT1           | ANT2  |                                  |                            |
| UNII 1  | -4.80          | -2.17 | 2 / 2                            | -2.17                      |
| UNII 2A | -5.78          | -2.58 | 2 / 2                            | -2.58                      |
| UNII 2C | -6.25          | -2.38 | 2 / 2                            | -2.38                      |
| UNII 3  | -5.00          | -2.52 | 2 / 2                            | -2.52                      |

#### Note

According to Ansi C63.10-2013 section 14.4.3, the directional gain is calculated using the formula, where  $G_n$  is the gain of the nth antenna and  $N_{\text{ANT}}$  is the total number of antennas used.

$$\text{Directional gain} = G_{\max} + 10 \cdot \text{LOG}(N_{\text{ANT}} / N_{\text{ss}})$$

#### Sample Calculation (Conducted Power, MIMO):

Ex) Ant 1 : 11.58 dBm Ant 2 : 12.08 dBm

$$\text{Ant1} + \text{Ant 2} = \text{MIMO}$$

$$(11.58 \text{ dBm} + 12.08 \text{ dBm}) = (14.387 \text{ mW} + 16.143 \text{ mW}) = 30.53 \text{ mW} = 14.88 \text{ dBm}$$

#### Sample Calculation (E.I.R.P & E.I.R.P Spectral Density, MIMO):

Ex) ANT1 : 15.35 dBm , ANT2 : 15.12 dBm, Directional Gain : 3 dBi

$$\text{Conducted Power} = (15.35 \text{ dBm} + 15.12 \text{ dBm}) = (34.276 \text{ mW} + 32.508 \text{ mW}) = 66.784 \text{ mW} = 18.25 \text{ dBm}$$

$$\text{E.I.R.P} = 18.25 \text{ dBm} + 3 \text{ dBi} = 21.25 \text{ dBm}$$

## 2. MAXIMUM OUTPUT POWER

The transmitter has a maximum total conducted average output power as follows:

| Mode               | Band   | SISO        |       | MIMO             |       |                  |       |                                 |       |
|--------------------|--------|-------------|-------|------------------|-------|------------------|-------|---------------------------------|-------|
|                    |        | Ant 2 Power |       | MIMO Ant 1 Power |       | MIMO Ant 2 Power |       | (MIMO Ant 1 + MIMO Ant 2) Power |       |
|                    |        | (dBm)       | (W)   | (dBm)            | (W)   | (dBm)            | (W)   | (dBm)                           | (W)   |
| 802.11ax<br>(HE20) | UNII1  | 13.97       | 0.025 | 13.60            | 0.023 | 14.00            | 0.025 | 16.81                           | 0.048 |
|                    | UNII2A | 14.03       | 0.025 | 13.80            | 0.024 | 14.14            | 0.026 | 16.98                           | 0.050 |
|                    | UNII2C | 14.51       | 0.028 | 13.63            | 0.023 | 13.40            | 0.022 | 16.52                           | 0.045 |
|                    | UNII3  | 14.47       | 0.028 | 13.24            | 0.021 | 14.42            | 0.028 | 16.88                           | 0.049 |
| 802.11ax<br>(HE40) | UNII1  | 11.92       | 0.016 | 12.15            | 0.016 | 12.37            | 0.017 | 15.27                           | 0.034 |
|                    | UNII2A | 12.07       | 0.016 | 11.46            | 0.014 | 12.47            | 0.018 | 15.00                           | 0.032 |
|                    | UNII2C | 12.95       | 0.020 | 12.54            | 0.018 | 12.05            | 0.016 | 15.31                           | 0.034 |
|                    | UNII3  | 12.93       | 0.020 | 12.41            | 0.017 | 11.98            | 0.016 | 15.21                           | 0.033 |
| 802.11ax<br>(HE80) | UNII1  | 10.72       | 0.012 | 10.28            | 0.011 | 11.39            | 0.014 | 13.88                           | 0.024 |
|                    | UNII2A | 9.83        | 0.010 | 9.00             | 0.008 | 9.32             | 0.009 | 12.17                           | 0.016 |
|                    | UNII2C | 12.63       | 0.018 | 11.43            | 0.014 | 11.41            | 0.014 | 14.43                           | 0.028 |
|                    | UNII3  | 12.23       | 0.017 | 10.68            | 0.012 | 11.24            | 0.013 | 13.98                           | 0.025 |

### 3. TEST METHODOLOGY

The measurement procedure described in FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated December 14, 2017 entitled "Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part15, Subpart E" and ANSI C63.10(Version : 2013) 'the American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices' were used in the measurement.

### EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

### EUT EXERCISE

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. According to its specifications, the EUT must comply with the requirements of the Section 15.207, 15.209 and 15.407 under the FCC Rules Part 15 Subpart E.

### GENERAL TEST PROCEDURES

#### Conducted Emissions

The EUT is placed on the turntable, which is 0.8 m above ground plane. According to the requirements in Section 6.2 of ANSI C63.10. (Version :2013) Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-peak and average detector modes.

#### Radiated Emissions

The EUT is placed on a turn table, which is 0.8 m above ground plane below 1 GHz. Above 1 GHz with 1.5m using absorbers between the EUT and receive antenna. The turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3 m away from the receiving antenna, which varied from 1 m to 4 m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter (EUT) was rotated through three orthogonal axes according to the requirements in Section 6.6.5 of ANSI C63.10. (Version: 2013)

### DESCRIPTION OF TEST MODES

The EUT has been tested under operating condition. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

#### 4. INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment's, which is traceable to recognized national standards.

Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5 (Version : 2017).

#### 5. FACILITIES AND ACCREDITATIONS

##### 5.1 FACILITIES

The SAC(Semi-Anechoic Chamber) and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA. The site is constructed in conformance with the requirements of ANSI C63.4. (Version :2014) and CISPR Publication 22. Detailed description of test facility was submitted to the Commission and accepted dated April 02, 2018 (Registration Number: KR0032).

##### 5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers. Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

#### 6. ANTENNA REQUIREMENTS

##### According to FCC 47 CFR §15.203, §15.407:

"An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can 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."

- (1) The antennas of this E.U.T are permanently attached.
- (2) The E.U.T Complies with the requirement of §15.203, §15.407

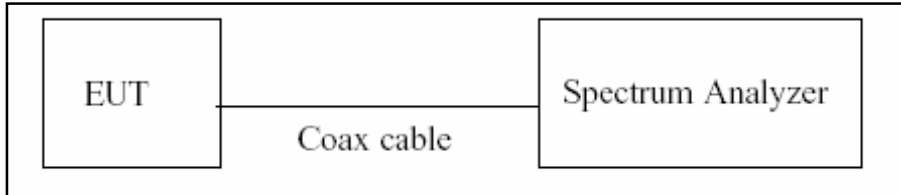
## 7. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.10-2013.

All measurement uncertainty values are shown with a coverage factor of  $k = 2$  to indicate a 95 % level of confidence.

The measurement data shown herein meets or exceeds the  $U_{\text{CISPR}}$  measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

| Parameter                                | Expanded Uncertainty (dB)                   |
|------------------------------------------|---------------------------------------------|
| Conducted Disturbance (150 kHz ~ 30 MHz) | 1.90 ( Confidence level about 95 %, $k=2$ ) |
| Radiated Disturbance (9 kHz ~ 30 MHz)    | 4.14 ( Confidence level about 95 %, $k=2$ ) |
| Radiated Disturbance (30 MHz ~ 1 GHz)    | 5.82 ( Confidence level about 95 %, $k=2$ ) |
| Radiated Disturbance (1 GHz ~ 18 GHz)    | 5.74 ( Confidence level about 95 %, $k=2$ ) |
| Radiated Disturbance (18 GHz ~ 40 GHz)   | 5.76 ( Confidence level about 95 %, $k=2$ ) |
| Radiated Disturbance (Above 40 GHz)      | 5.52 ( Confidence level about 95 %, $k=2$ ) |

**8. DESCRIPTION OF TESTS****8.1. Duty Cycle****Test Configuration****Test Procedure**

The transmitter output is connected to the Spectrum Analyzer.

We tested according to Procedure B.2 in KDB 789033 D02 v02r01.

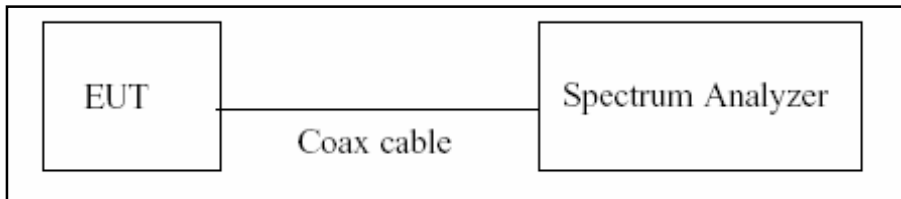
1. RBW = 8 MHz (the largest available value)
2. VBW = 8 MHz ( $\geq$  RBW)
3. SPAN = 0 Hz
4. Detector = Peak
5. Number of points in sweep > 100
6. Trace mode = Clear write
7. Measure  $T_{\text{total}}$  and  $T_{\text{on}}$
8. Calculate Duty Cycle =  $T_{\text{on}} / T_{\text{total}}$  and Duty Cycle Factor =  $10\log(1/\text{Duty Cycle})$

## 8.2. 6 dB Bandwidth & 26 dB Bandwidth

### Limit

Within the 5.725-5.85 GHz(NII-3) band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

### Test Configuration



### Test Procedure(26 dB Bandwidth)

The transmitter output is connected to the Spectrum Analyzer.

We tested according to Procedure C.1 in KDB 789033 D02 v02r01.

1. RBW = approximately 1 % of the emission bandwidth
2. VBW > RBW
3. Detector = Peak
4. Trace mode = Max Hold
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.  
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1 %.

### Test Procedure (6 dB Bandwidth)

The transmitter output is connected to the Spectrum Analyzer.

We tested according to Procedure C.2 in KDB 789033 D02 v02r01.

1. RBW = 100 kHz
2. VBW  $\geq 3 \times$  RBW
3. Detector = Peak
4. Trace mode = Max Hold
5. Allow the trace to stabilize
6. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points(upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

### Note:

1. We tested X dB bandwidth using the automatic bandwidth measurement capability of a spectrum analyzer.
2. DFS test channels should be defined. So, We performed the OBW test to prove that no part of the fundamental emissions of any channels belong to UNII1 and UNII3 band for DFS.
3. The 26 dB bandwidth is used to determine the conducted power limits.

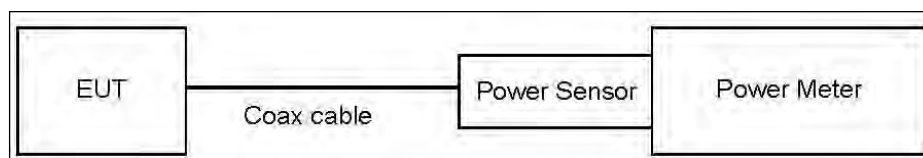
### 8.3. Output Power Measurement

#### Limit

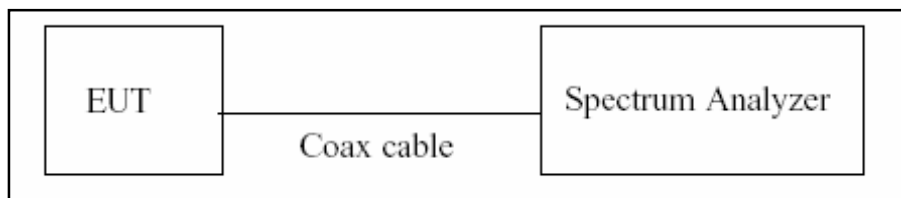
| Band        | Limit                                                                                                            |
|-------------|------------------------------------------------------------------------------------------------------------------|
| UNII 1      | - Master : Not exceed 1 W(=30 dBm)<br>- Slave : Not exceed 250 mW(=23.98 dBm)                                    |
| UNII 2A, 2C | Not exceed the lesser of 250 mW or 11 dBm + 10 log B,<br>(where B is the 26 dB emission bandwidth in megahertz.) |
| UNII 3      | Not exceed 1 W(=30 dBm)                                                                                          |

#### Test Configuration

Power Meter



Spectrum Analyzer(Only Straddle Channel)



#### Test Procedure(Power Meter)

We tested according to Procedure E.3.a in KDB 789033 D02 v02r01.

1. Measure the duty cycle.
2. Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
3. Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

**Test Procedure(Spectrum Analyzer)**

The transmitter output is connected to the Spectrum Analyzer.

We use the spectrum analyzer's integrated band power measurement function.

We tested according to Procedure E.2.d) in KDB 789033 D02 v02r01.

1. Measure the duty cycle.
2. Set span to encompass the 26 dB EBW of the signal.
3. RBW = 1 MHz.
4. VBW  $\geq$  3 MHz.
5. Number of points in sweep  $\geq 2 \times \text{span/RBW}$ .
6. Sweep time = auto.
7. Detector = RMS.
8. Do not use sweep triggering. Allow the sweep to "free run".
9. Trace average at least 100 traces in power averaging(RMS) mode
10. Integrated bandwidth = OBW
11. Add  $10\log(1/x)$ , where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times.

**Sample Calculation**

Total Power(dBm) = Measured Value(dBm) + ATT loss(dB) + Cable loss(dB) + Duty Cycle Factor(dB)

**Note**

1. Spectrum Measured Values are not plot data.

The power results in plot is already including the actual values of loss for the attenuator and cable combination.

2. Spectrum offset

Attenuator loss(20 dB) + Cable loss + EUT Cable loss

3. Actual value of loss for the attenuator and cable combination is below table.

| Band    | Loss(dB) |
|---------|----------|
| UNII 1  | 22.08    |
| UNII 2A | 22.08    |
| UNII 2C | 22.08    |
| UNII 3  | 22.08    |

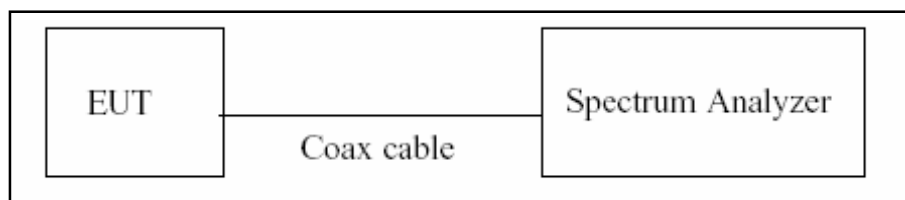
(Actual value of loss for the attenuator and cable combination)

#### 8.4. Power Spectral Density

##### Limit

| Band        | Limit          |
|-------------|----------------|
| UNII 1      | 11 dBm/MHz     |
| UNII 2A, 2C | 11 dBm/MHz     |
| UNII 3      | 30 dBm/500 kHz |

##### Test Configuration



##### Test Procedure

We tested according to Procedure F in KDB 789033 D02 v02r01.

1. Set span to encompass the entire emission bandwidth(EBW) of the signal.
2. RBW = 1 MHz(510 kHz for UNII 3)
3. VBW  $\geq$  3 MHz
4. Number of points in sweep  $\geq$  2 x span/RBW.
5. Sweep time = auto.
6. Detector = RMS(i.e., power averaging), if available. Otherwise, use sample detector mode.
7. Do not use sweep triggering. Allow the sweep to “free run”.
8. Trace average at least 100 traces in power averaging(RMS) mode
9. Use the peak search function on the spectrum analyzer to find the peak of the spectrum.
10. If Method SA-2 was used, add  $10 \log(1/x)$ , where x is the duty cycle, to the peak of the spectrum.

**Sample Calculation**

Total PSD(dBm) = Measured Value(dBm) + ATT loss(dB) + Cable loss(dB) + Duty Cycle Factor(dB)

**Note**

1. Spectrum Measured Values are not plot data.

The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.

2. Spectrum offset

Attenuator loss(20 dB) + Cable loss + EUT Cable loss

3. Actual value of loss for the attenuator and cable combination is below table.

| Band    | Loss(dB) |
|---------|----------|
| UNII 1  | 22.08    |
| UNII 2A | 22.08    |
| UNII 2C | 22.08    |
| UNII 3  | 22.08    |

(Actual value of loss for the attenuator and cable combination)

## 8.5. AC Power line Conducted Emissions

### Limit

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN).

| Frequency Range (MHz) | Limits (dB $\mu$ V)     |                         |
|-----------------------|-------------------------|-------------------------|
|                       | Quasi-peak              | Average                 |
| 0.15 to 0.50          | 66 to 56 <sup>(a)</sup> | 56 to 46 <sup>(a)</sup> |
| 0.50 to 5             | 56                      | 46                      |
| 5 to 30               | 60                      | 50                      |

<sup>(a)</sup>Decreases with the logarithm of the frequency.

Compliance with this provision shall be based on the measurement of the radio frequency voltage between each power line (LINE and NEUTRAL) and ground at the power terminals.

### Test Configuration

See test photographs attached in Annex A for the actual connections between EUT and support equipment.

### Test Procedure

1. The EUT is placed on a wooden table 80 cm above the reference ground plane.
2. The EUT is connected via LISN to a test power supply.
3. The measurement results are obtained as described below:
4. Detectors : Quasi Peak and Average Detector.

### Sample Calculation

Quasi-peak(Final Result) = Measured Value + Correction Factor

## 8.6. Radiated Test

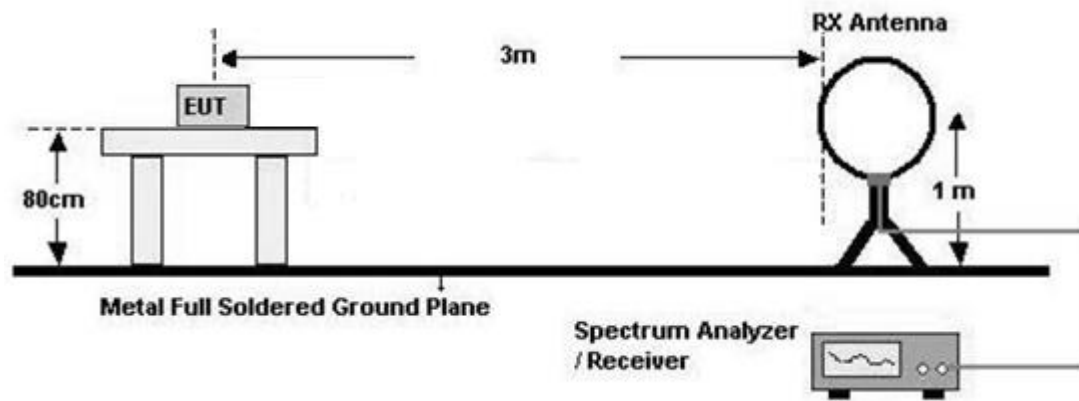
### Limit

1. UNII 1: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of  $-27$  dBm/MHz.
2. UNII 2A, 2C: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of  $-27$  dBm/MHz.
3. UNII 3: 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.
4. All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Section 15.209.

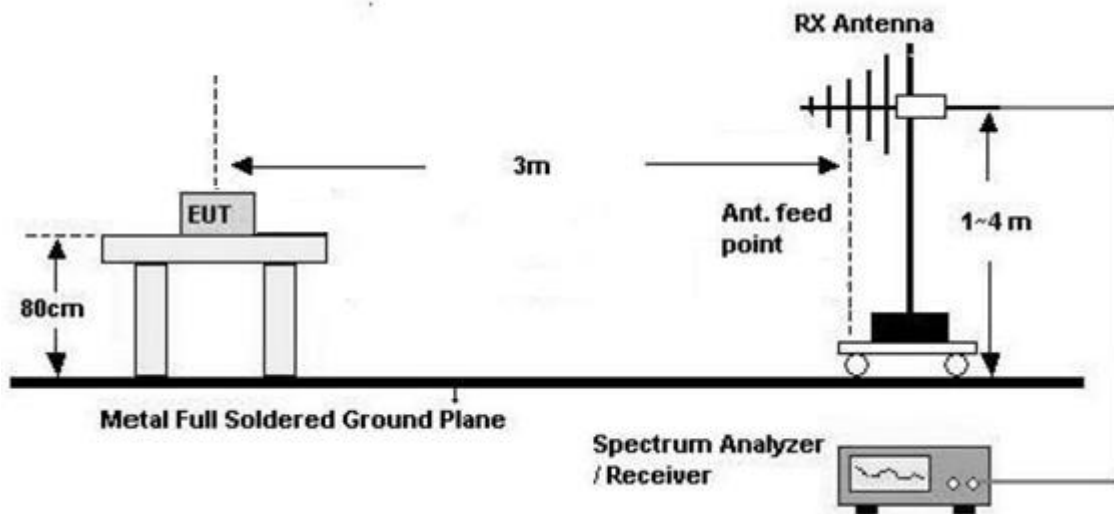
| Frequency (MHz) | Field Strength ( $\mu\text{V/m}$ ) | Measurement Distance (m) |
|-----------------|------------------------------------|--------------------------|
| 0.009 – 0.490   | $2400/F(\text{kHz})$               | 300                      |
| 0.490 – 1.705   | $24000/F(\text{kHz})$              | 30                       |
| 1.705 – 30      | 30                                 | 30                       |
| 30-88           | 100                                | 3                        |
| 88-216          | 150                                | 3                        |
| 216-960         | 200                                | 3                        |
| Above 960       | 500                                | 3                        |

## Test Configuration

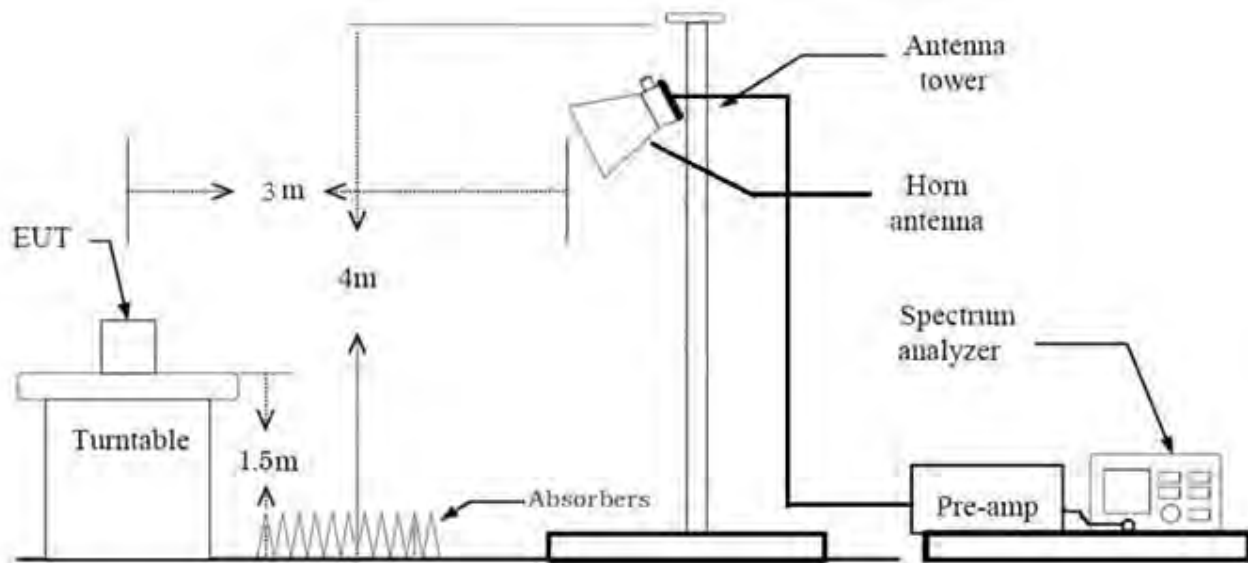
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



#### **Test Procedure of Radiated spurious emissions(Below30 MHz)**

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The loop antenna was placed at a location 3 m from the EUT
3. The EUT is placed on a turntable, which is 0.8m above ground plane.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization and Parallel to the ground plane in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Distance Correction Factor(0.009 MHz – 0.490 MHz) =  $40\log(3 \text{ m}/300 \text{ m}) = - 80 \text{ dB}$   
Measurement Distance : 3 m
7. Distance Correction Factor(0.490 MHz – 30 MHz) =  $40\log(3 \text{ m}/30 \text{ m}) = - 40 \text{ dB}$   
Measurement Distance : 3 m
8. Spectrum Setting
  - Frequency Range = 9 kHz ~ 30 MHz
  - Detector = Peak
  - Trace = Max Hold
  - RBW = 9 kHz
  - VBW  $\geq 3 \times$  RBW
9. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) + Distance Factor(D.F)
10. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

---

**KDB 414788 OFS and Chamber Correlation Justification**

Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

OFS and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

**Test Procedure of Radiated spurious emissions(Below 1 GHz)**

1. The EUT was placed on a non-conductive table located on semi-anechoic chamber.
2. The EUT is placed on a turntable, which is 0.8m above ground plane.
3. The Hybrid antenna was placed at a location 3 m from the EUT, which is varied from 1 m to 4 m to find out the highest emissions.
4. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
5. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
6. Spectrum Setting
  - (1) Measurement Type(Peak):
    - Measured Frequency Range : 30 MHz – 1 GHz
    - Detector = Peak
    - Trace = Max Hold
    - RBW = 100 kHz
    - VBW  $\geq 3 \times$  RBW
  - (2) Measurement Type(Quasi-peak):
    - Measured Frequency Range : 30 MHz – 1 GHz
    - Detector = Quasi-Peak
    - RBW = 120 kHz
- ※ In general, (1) is used mainly
- 7.Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L)
8. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.

**Test Procedure of Radiated spurious emissions (Above 1 GHz)**

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. The unit was tested with its standard battery.
8. Spectrum Setting

(1) Measurement Type (Peak, G.5 in KDB 789033 v02r01):

- RBW = 1 MHz
- VBW  $\geq$  3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately  $1/x$ , where  $x$  is the duty cycle.

(2) Measurement Type (Average, G.6.d in KDB 789033 v02r01):

- RBW = 1 MHz
- VBW(Duty cycle  $\geq$  98 percent) = VBW  $\leq$  RBW/100(i.e., 10 kHz) but not less than 10 Hz.
- VBW(Duty cycle is  $<$  98 percent) = VBW  $\geq$   $1/T$ , where  $T$  is the minimum transmission duration.
- The analyzer is set to linear detector mode.
- Detector = Peak.
- Sweep time = auto.
- Trace mode = Max Hold.
- Allow Max Hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of  $1/x$ , where  $x$  is the duty cycle.

9. Measurement value only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor
10. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency
11. Distance extrapolation factor =  $20\log(\text{test distance} / \text{specific distance})$  (dB)
12. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G)  
+ Distance Factor(D.F)

#### **Test Procedure of Radiated Restricted Band Edge**

1. The EUT is placed on a turntable, which is 1.5 m above ground plane.
2. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.
3. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
4. EUT is set 3 m away from the receiving antenna, which is varied from 1 m to 4 m to find out the highest emissions.
5. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
6. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
7. The unit was tested with its standard battery.
8. Spectrum Setting

(1) Measurement Type(Peak, G.5 in KDB 789033 v02r01):

- RBW = 1 MHz
- VBW  $\geq$  3 MHz
- Detector = Peak
- Sweep Time = auto
- Trace mode = Max Hold
- Allow sweeps to continue until the trace stabilizes.

Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately  $1/x$ , where x is the duty cycle.

(2) Measurement Type(Average, G.6.d in KDB 789033 v02r01):

- RBW = 1 MHz
- VBW(Duty cycle  $\geq$  98 percent) =  $\text{VBW} \leq \text{RBW}/100$ (i.e., 10 kHz) but not less than 10 Hz.
- VBW(Duty cycle is < 98 percent) =  $\text{VBW} \geq 1/T$ , where T is the minimum transmission duration.
- The analyzer is set to linear detector mode.
- Detector = Peak.
- Sweep time = auto.
- Trace mode = Max Hold.
- Allow Max Hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of  $1/x$ , where x is the duty cycle.

## 9. Measured Frequency Range :

- 4 500 MHz ~ 5 150 MHz
- 5 350 MHz ~ 5 460 MHz
- 5 460 MHz ~ 5 470 MHz
- (75 MHz or more below the 5 725 MHz) ~ 5 725 MHz
- 5 850 MHz ~ (75 MHz or more above the 5 850 MHz)

10. Distance extrapolation factor =  $20\log(\text{test distance} / \text{specific distance})$  (dB)

11. Total = Measured Value + Antenna Factor(A.F) + Cable Loss(C.L) - Amp Gain(A.G) + Attenuator(ATT)  
+ Distance Factor(D.F)

**The actual setting value of VBW**
**[SISO]**

| Mode            | Tone  | Worst Data rate (Mbps) | Duty Cycle | Duty Cycle Factor (dB) | VBW (1/T) (kHz) | The actual setting value of VBW (Hz) |
|-----------------|-------|------------------------|------------|------------------------|-----------------|--------------------------------------|
| 802.11ax (HE20) | 26    | MCS0                   | 0.979      | 0.094                  | 0.180           | 1000                                 |
|                 | 52    | MCS0                   | 0.980      | 0.089                  | 0.195           | 1000                                 |
|                 | 106   | MCS0                   | 0.953      | 0.207                  | 0.410           | 1000                                 |
|                 | 242   | MCS0                   | 0.910      | 0.411                  | 0.912           | 1000                                 |
| 802.11ax (HE40) | 26    | MCS0                   | 0.977      | 0.100                  | 0.180           | 1000                                 |
|                 | 52    | MCS0                   | 0.979      | 0.092                  | 0.195           | 1000                                 |
|                 | 106   | MCS0                   | 0.957      | 0.190                  | 0.410           | 1000                                 |
|                 | 242   | MCS0                   | 0.910      | 0.410                  | 0.910           | 1000                                 |
|                 | 484   | MCS0                   | 0.832      | 0.796                  | 1.720           | 3000                                 |
| 802.11ax (HE80) | 26    | MCS0                   | 0.980      | 0.088                  | 0.180           | 1000                                 |
|                 | 52    | MCS0                   | 0.979      | 0.092                  | 0.195           | 1000                                 |
|                 | 106   | MCS0                   | 0.953      | 0.207                  | 0.410           | 1000                                 |
|                 | 242   | MCS0                   | 0.918      | 0.374                  | 0.910           | 1000                                 |
|                 | 484   | MCS0                   | 0.842      | 0.747                  | 1.724           | 3000                                 |
|                 | 996   | MCS0                   | 0.865      | 0.629                  | 3.236           | 5000                                 |
| 802.11ax (SU)   | BW 20 | MCS0                   | 0.909      | 0.412                  | 0.914           | 1000                                 |
|                 | BW 40 | MCS0                   | 0.841      | 0.753                  | 1.739           | 3000                                 |
|                 | BW 80 | MCS0                   | 0.736      | 1.330                  | 3.289           | 5000                                 |

**[MIMO]**

| Mode            | Tone  | Worst Data rate (Mbps) | Duty Cycle | Duty Cycle Factor (dB) | VBW (1/T) (kHz) | The actual setting value of VBW (Hz) |
|-----------------|-------|------------------------|------------|------------------------|-----------------|--------------------------------------|
| 802.11ax (HE20) | 26    | MCS0                   | 0.979      | 0.092                  | 0.195           | 1000                                 |
|                 | 52    | MCS0                   | 0.956      | 0.194                  | 0.384           | 1000                                 |
|                 | 106   | MCS0                   | 0.913      | 0.395                  | 0.801           | 1000                                 |
|                 | 242   | MCS0                   | 0.844      | 0.738                  | 1.701           | 3000                                 |
| 802.11ax (HE40) | 26    | MCS0                   | 0.978      | 0.098                  | 0.195           | 1000                                 |
|                 | 52    | MCS0                   | 0.956      | 0.194                  | 0.384           | 1000                                 |
|                 | 106   | MCS0                   | 0.915      | 0.387                  | 0.799           | 1000                                 |
|                 | 242   | MCS0                   | 0.835      | 0.782                  | 1.694           | 3000                                 |
|                 | 484   | MCS0                   | 0.751      | 1.241                  | 3.036           | 5000                                 |
| 802.11ax (HE80) | 26    | MCS0                   | 0.977      | 0.102                  | 0.195           | 1000                                 |
|                 | 52    | MCS0                   | 0.957      | 0.190                  | 0.384           | 1000                                 |
|                 | 106   | MCS0                   | 0.913      | 0.395                  | 0.799           | 1000                                 |
|                 | 242   | MCS0                   | 0.844      | 0.736                  | 1.694           | 3000                                 |
|                 | 484   | MCS0                   | 0.751      | 1.241                  | 3.036           | 5000                                 |
|                 | 996   | MCS0                   | 0.609      | 2.150                  | 5.394           | 10000                                |
| 802.11ax (SU)   | BW 20 | MCS0                   | 0.843      | 0.741                  | 1.709           | 3000                                 |
|                 | BW 40 | MCS0                   | 0.732      | 1.357                  | 3.086           | 5000                                 |
|                 | BW 80 | MCS0                   | 0.627      | 2.025                  | 5.501           | 10000                                |

### 8.7. Test RU for Tones

| BW<br>(MHz) | Tones<br>(T) | RU offset | Test RU offset |     |      |
|-------------|--------------|-----------|----------------|-----|------|
|             |              |           | Low            | Mid | High |
| 20          | 26           | 0~8       | 0              | 4   | 8    |
|             | 52           | 37~40     | 37             | 38  | 40   |
|             | 106          | 53~54     | 53             | -   | 54   |
|             | 242          | 61        | -              | 61  | -    |
| 40          | 26           | 0~17      | 0              | 9   | 17   |
|             | 52           | 37~44     | 37             | 41  | 44   |
|             | 106          | 53~56     | 53             | 54  | 56   |
|             | 242          | 61~62     | 61             | -   | 62   |
|             | 484          | 65        | -              | 65  | -    |
| 80          | 26           | 0~36      | 0              | 18  | 36   |
|             | 52           | 37~52     | 37             | 45  | 52   |
|             | 106          | 53~60     | 53             | 57  | 60   |
|             | 242          | 61~64     | 61             | 62  | 64   |
|             | 484          | 65~66     | 65             | -   | 66   |
|             | 996          | 67        | -              | 67  | -    |

## 8.8. Worst case configuration and mode

### Conducted test

1. All data rate of operation were investigated and the worst case results are reported.
  - HE20, HE40, HE80: MCS0

### Radiated test

1. All modes of operation were investigated and the worst case configuration results are reported.
  - Mode : Stand alone, Stand alone + External accessories(Earphone, etc)
  - Worstcase : Stand alone
2. EUT Axis
  - Radiated Spurious Emissions : Y
  - Radiated Restricted Band Edge : Z
3. All data rate of operation were investigated and the worst case results are reported.  
(Worst case : MCS0)
4. All Antenna of operation were investigated and the worst case results are reported
  - Mode : Ant2(SISO), Ant1+Ant2(MIMO\_SDM)
  - Worstcase : Ant1+Ant2(MIMO\_SDM)
5. All position of loop antenna were investigated and the test result is a no critical peak found at all positions.
  - Position : Horizontal, Vertical, Parallel to the ground plane

6. All mode(Tone, RU Offset) of operation were investigated and the worst case configuration results are reported

| TEST                       | TONE                                                                                                                                                  | RU OFFSET |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| RSE                        | [HE20] WORST CASE(Spurious emission worst) : SU<br>[HE40] WORST CASE(Spurious emission worst) : SU<br>[HE80] WORST CASE(Spurious emission worst) : SU | -         |
| Band-Edge<br>(UNII1,2A,2C) | [HE20] : 52T,SU                                                                                                                                       | 37, 40    |
|                            | [HE40] : 106T,SU                                                                                                                                      | 53, 56    |
|                            | [HE80] : 996T,SU                                                                                                                                      | 67        |
| Band-Edge<br>(Straddle)    | All supported RU tones were tested,<br>and please refer to the attached test plot reduced to the worst case.                                          |           |
| Band-Edge<br>(UNII3)       |                                                                                                                                                       |           |

#### **Radiated test(DBS)**

1. Please refer to the [BT], [UNII] Test Report.

#### **AC Power line Conducted Emissions**

1. Please refer to the SM-X610 [UNII] Test Report.

## 9. SUMMARY OF TEST RESULTS

| Test Description                                                             | FCC Part Section(s)                                          | Test Limit                                                                                                                                                                                | Test Condition | Test Result     |
|------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|
| 26 dB Bandwidth                                                              | §15.407 (for Power Measurement)                              | N/A                                                                                                                                                                                       | Conducted      | PASS            |
| 6 dB Bandwidth                                                               | §15.407(e)                                                   | >500 kHz<br>(5725-5850 MHz)(UNII-3)                                                                                                                                                       |                | PASS            |
| Maximum Conducted Output Power                                               | §15.407(a)(1),(2),(3)                                        | < 250 mW(5150-5250 MHz)<br><br>< 250 mW or 11+10log <sub>10</sub> (BW) dBm (5250-5350 MHz)<br><br>< 250 mW or 11+10log <sub>10</sub> (BW) dBm (5470-5725 MHz)<br><br><1 W (5725-5850 MHz) |                | PASS            |
| Maximum Power Spectral Density                                               | §15.407(a)(1),(2),(3)                                        | <11 dBm/ MHz (5150-5250 MHz)<br><11 dBm/ MHz (5250-5350 MHz)<br><11 dBm/ MHz (5470-5725 MHz)<br><30 dBm/500 kHz(5725-5850 MHz)                                                            |                | PASS            |
| Frequency Stability                                                          | §15.407(g)<br>§2.1055                                        | Maintained within the band                                                                                                                                                                |                | PASS<br>(Note1) |
| AC Conducted Emissions<br>150 kHz-30 MHz                                     | 15.207<br>15.407(b)(8)                                       | <FCC 15.207 limits                                                                                                                                                                        |                | PASS<br>(Note1) |
| Undesirable Emissions                                                        | §15.407(b)<br>(1),(2),(3),(4)<br><br>§15.407(b)(5)(ii),(iii) | <-27 dBm/MHz EIRP<br>(UNII1, 2A, 2C)<br>cf. Section 8.6 (UNII 3&4)                                                                                                                        | Radiated       | PASS            |
| General Field Strength Limits(Restricted Bands and Radiated Emission Limits) | 15.205,<br>15.407(b)(9),(10)                                 | Emissions in restricted bands must meet the radiated limits detailed in 15.209                                                                                                            |                | PASS            |

### Note1:

1. Please refer to the SM-X610 [UNII] Test Report.

## 10. TEST RESULT

### 10.1 DUTY CYCLE

[SISO]

| Mode            | Tone  | Worst Data rate (Mbps) | T <sub>on</sub> (ms) | T <sub>total</sub> (ms) | Duty Cycle | Duty Cycle Factor (dB) |
|-----------------|-------|------------------------|----------------------|-------------------------|------------|------------------------|
| 802.11ax (HE20) | 26    | MCS0                   | 5.548                | 5.670                   | 0.979      | 0.094                  |
|                 | 52    | MCS0                   | 5.133                | 5.239                   | 0.980      | 0.089                  |
|                 | 106   | MCS0                   | 2.437                | 2.556                   | 0.953      | 0.207                  |
|                 | 242   | MCS0                   | 1.097                | 1.206                   | 0.910      | 0.411                  |
| 802.11ax (HE40) | 26    | MCS0                   | 5.548                | 5.677                   | 0.977      | 0.100                  |
|                 | 52    | MCS0                   | 5.130                | 5.240                   | 0.979      | 0.092                  |
|                 | 106   | MCS0                   | 2.440                | 2.549                   | 0.957      | 0.190                  |
|                 | 242   | MCS0                   | 1.099                | 1.208                   | 0.910      | 0.410                  |
|                 | 484   | MCS0                   | 0.581                | 0.698                   | 0.832      | 0.796                  |
| 802.11ax (HE80) | 26    | MCS0                   | 5.544                | 5.658                   | 0.980      | 0.088                  |
|                 | 52    | MCS0                   | 5.130                | 5.240                   | 0.979      | 0.092                  |
|                 | 106   | MCS0                   | 2.437                | 2.556                   | 0.953      | 0.207                  |
|                 | 242   | MCS0                   | 1.099                | 1.198                   | 0.918      | 0.374                  |
|                 | 484   | MCS0                   | 0.580                | 0.689                   | 0.842      | 0.747                  |
|                 | 996   | MCS0                   | 0.309                | 0.357                   | 0.865      | 0.629                  |
| 802.11ax (SU)   | BW 20 | MCS0                   | 1.094                | 1.203                   | 0.909      | 0.412                  |
|                 | BW 40 | MCS0                   | 0.575                | 0.684                   | 0.841      | 0.753                  |
|                 | BW 80 | MCS0                   | 0.304                | 0.413                   | 0.736      | 1.330                  |

**Note:**

1. Duty Cycle Factor =  $10 \cdot \log(1/\text{Duty Cycle})$ . where, Duty Cycle =  $T_{on} / T_{total}$

**[MIMO]**

| Mode               | Tones | Worst Data rate | T <sub>on</sub><br>(ms) | T <sub>total</sub><br>(ms) | Duty Cycle | Duty Cycle Factor<br>(dB) |
|--------------------|-------|-----------------|-------------------------|----------------------------|------------|---------------------------|
| 802.11ax<br>(HE20) | 26    | MCS0            | 5.138                   | 5.248                      | 0.979      | 0.092                     |
|                    | 52    | MCS0            | 2.604                   | 2.723                      | 0.956      | 0.194                     |
|                    | 106   | MCS0            | 1.249                   | 1.368                      | 0.913      | 0.395                     |
|                    | 242   | MCS0            | 0.588                   | 0.697                      | 0.844      | 0.738                     |
| 802.11ax<br>(HE40) | 26    | MCS0            | 5.138                   | 5.255                      | 0.978      | 0.098                     |
|                    | 52    | MCS0            | 2.604                   | 2.723                      | 0.956      | 0.194                     |
|                    | 106   | MCS0            | 1.251                   | 1.368                      | 0.915      | 0.387                     |
|                    | 242   | MCS0            | 0.590                   | 0.707                      | 0.835      | 0.782                     |
|                    | 484   | MCS0            | 0.329                   | 0.438                      | 0.751      | 1.241                     |
| 802.11ax<br>(HE80) | 26    | MCS0            | 5.138                   | 5.259                      | 0.977      | 0.102                     |
|                    | 52    | MCS0            | 2.604                   | 2.721                      | 0.957      | 0.190                     |
|                    | 106   | MCS0            | 1.251                   | 1.371                      | 0.913      | 0.395                     |
|                    | 242   | MCS0            | 0.590                   | 0.699                      | 0.844      | 0.736                     |
|                    | 484   | MCS0            | 0.329                   | 0.438                      | 0.751      | 1.241                     |
|                    | 996   | MCS0            | 0.185                   | 0.304                      | 0.609      | 2.150                     |
| 802.11ax<br>(SU)   | BW 20 | MCS0            | 0.585                   | 0.694                      | 0.843      | 0.741                     |
|                    | BW 40 | MCS0            | 0.324                   | 0.443                      | 0.732      | 1.357                     |
|                    | BW 80 | MCS0            | 0.182                   | 0.290                      | 0.627      | 2.025                     |

**Note:**

1. Duty Cycle Factor =  $10 \cdot \log(1/\text{Duty Cycle})$ . where, Duty Cycle =  $T_{\text{on}} / T_{\text{total}}$

## 10.2 26 dB BANDWIDTH & 99% BANDWIDTH

Straddle channel data in the table below are for reporting purposes only.

Straddle channel data were added in section 10.6.1.

### 10.2.1 SISO Ant. 2

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br><br>26T | UNII1  | 5180           | 36  | 21.74                 | 18.18          | 20.76          | 19.02                       | 16.92          | 19.05          |
|                   |        | 5200           | 40  | 20.98                 | 18.33          | 21.47          | 18.93                       | 16.72          | 17.98          |
|                   |        | 5240           | 48  | 21.05                 | 17.41          | 21.48          | 19.02                       | 16.24          | 19.06          |
|                   | UNII2A | 5260           | 52  | 21.40                 | 18.29          | 21.39          | 18.94                       | 17.04          | 19.00          |
|                   |        | 5300           | 60  | 21.41                 | 18.13          | 21.03          | 18.99                       | 16.98          | 18.71          |
|                   |        | 5320           | 64  | 21.11                 | 18.08          | 21.49          | 18.76                       | 16.96          | 19.10          |
|                   | UNII2C | 5500           | 100 | 21.69                 | 18.26          | 20.52          | 19.07                       | 17.02          | 18.74          |
|                   |        | 5600           | 120 | 21.12                 | 18.00          | 20.88          | 19.05                       | 16.66          | 19.19          |
|                   |        | 5660           | 132 | 20.55                 | 18.22          | 21.43          | 18.65                       | 16.97          | 19.16          |
|                   |        | 5720           | 144 | 21.01                 | 18.09          | 21.29          | 19.11                       | 17.10          | 19.18          |
|                   | UNII3  | 5745           | 149 | 21.37                 | 18.12          | 20.54          | 18.85                       | 17.08          | 18.85          |
|                   |        | 5785           | 157 | 20.86                 | 18.10          | 21.39          | 18.90                       | 16.86          | 18.85          |
|                   |        | 5825           | 165 | 20.80                 | 18.09          | 21.33          | 18.69                       | 16.94          | 19.05          |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 21.38                 | 18.61          | 21.35          | 18.62                       | 17.14          | 18.55          |
|               |        | 5200           | 40  | 21.58                 | 18.59          | 21.19          | 18.50                       | 16.98          | 18.49          |
|               |        | 5240           | 48  | 21.20                 | 18.47          | 20.79          | 18.48                       | 16.89          | 18.38          |
|               | UNII2A | 5260           | 52  | 21.38                 | 18.37          | 21.72          | 18.52                       | 17.10          | 18.38          |
|               |        | 5300           | 60  | 21.67                 | 18.55          | 21.36          | 18.58                       | 16.99          | 18.49          |
|               |        | 5320           | 64  | 21.45                 | 18.03          | 21.17          | 18.50                       | 16.94          | 18.35          |
|               | UNII2C | 5500           | 100 | 21.12                 | 18.20          | 20.75          | 18.60                       | 16.98          | 18.45          |
|               |        | 5600           | 120 | 20.58                 | 18.63          | 21.59          | 18.18                       | 17.10          | 18.54          |
|               |        | 5660           | 132 | 21.75                 | 18.38          | 21.44          | 18.32                       | 16.98          | 18.53          |
|               |        | 5720           | 144 | 21.94                 | 18.25          | 21.21          | 18.48                       | 16.91          | 18.17          |
|               | UNII3  | 5745           | 149 | 22.08                 | 17.90          | 21.33          | 18.52                       | 16.93          | 18.46          |
|               |        | 5785           | 157 | 21.59                 | 18.69          | 20.28          | 18.56                       | 17.11          | 17.80          |
|               |        | 5825           | 165 | 21.35                 | 18.64          | 21.16          | 18.41                       | 17.08          | 18.47          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>106T | UNII1  | 5180           | 36  | 22.72                 | -              | 21.15          | 18.39                       | -              | 18.26          |
|                |        | 5200           | 40  | 21.63                 | -              | 22.07          | 18.29                       | -              | 18.30          |
|                |        | 5240           | 48  | 22.20                 | -              | 21.51          | 18.38                       | -              | 18.24          |
|                | UNII2A | 5260           | 52  | 22.12                 | -              | 21.61          | 18.31                       | -              | 18.03          |
|                |        | 5300           | 60  | 21.88                 | -              | 22.10          | 18.40                       | -              | 18.27          |
|                |        | 5320           | 64  | 22.16                 | -              | 21.94          | 18.30                       | -              | 17.91          |
|                | UNII2C | 5500           | 100 | 21.92                 | -              | 22.65          | 18.36                       | -              | 18.29          |
|                |        | 5600           | 120 | 21.85                 | -              | 21.85          | 18.35                       | -              | 18.29          |
|                |        | 5660           | 132 | 22.32                 | -              | 21.74          | 18.31                       | -              | 18.28          |
|                |        | 5720           | 144 | 21.79                 | -              | 21.14          | 18.27                       | -              | 18.32          |
|                | UNII3  | 5745           | 149 | 22.26                 | -              | 21.47          | 18.35                       | -              | 18.31          |
|                |        | 5785           | 157 | 22.24                 | -              | 22.02          | 18.30                       | -              | 18.30          |
|                |        | 5825           | 165 | 21.76                 | -              | 21.29          | 18.31                       | -              | 18.18          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                     | 24.55          | -              | -                           | 19.15          | -              |
|                |        | 5200           | 40  | -                     | 24.73          | -              | -                           | 19.24          | -              |
|                |        | 5240           | 48  | -                     | 24.17          | -              | -                           | 19.14          | -              |
|                | UNII2A | 5260           | 52  | -                     | 25.00          | -              | -                           | 19.20          | -              |
|                |        | 5300           | 60  | -                     | 23.86          | -              | -                           | 19.19          | -              |
|                |        | 5320           | 64  | -                     | 24.46          | -              | -                           | 19.21          | -              |
|                | UNII2C | 5500           | 100 | -                     | 24.17          | -              | -                           | 19.16          | -              |
|                |        | 5600           | 120 | -                     | 24.77          | -              | -                           | 19.16          | -              |
|                |        | 5660           | 132 | -                     | 23.76          | -              | -                           | 19.18          | -              |
|                |        | 5720           | 144 | -                     | 24.58          | -              | -                           | 19.22          | -              |
|                | UNII3  | 5745           | 149 | -                     | 24.14          | -              | -                           | 19.15          | -              |
|                |        | 5785           | 157 | -                     | 24.24          | -              | -                           | 19.13          | -              |
|                |        | 5825           | 165 | -                     | 24.40          | -              | -                           | 19.18          | -              |

| Mode             | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                  |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                  |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br><br>SU | UNII1  | 5180           | 36  | -                     | 24.58          | -              | -                           | 19.16          | -              |
|                  |        | 5200           | 40  | -                     | 24.88          | -              | -                           | 19.21          | -              |
|                  |        | 5240           | 48  | -                     | 24.35          | -              | -                           | 19.18          | -              |
|                  | UNII2A | 5260           | 52  | -                     | 25.18          | -              | -                           | 19.17          | -              |
|                  |        | 5300           | 60  | -                     | 24.36          | -              | -                           | 19.19          | -              |
|                  |        | 5320           | 64  | -                     | 24.60          | -              | -                           | 19.20          | -              |
|                  | UNII2C | 5500           | 100 | -                     | 24.43          | -              | -                           | 19.21          | -              |
|                  |        | 5600           | 120 | -                     | 24.80          | -              | -                           | 19.14          | -              |
|                  |        | 5720           | 144 | -                     | 25.54          | -              | -                           | 19.19          | -              |
|                  | UNII3  | 5745           | 149 | -                     | 24.25          | -              | -                           | 19.18          | -              |
|                  |        | 5785           | 157 | -                     | 24.04          | -              | -                           | 19.22          | -              |
|                  |        | 5825           | 165 | -                     | 24.50          | -              | -                           | 19.18          | -              |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>26T | UNII1  | 5190           | 38  | 21.33                 | 21.72          | 21.59          | 19.12                       | 19.73          | 19.19          |
|                   |        | 5230           | 46  | 21.31                 | 23.03          | 21.43          | 19.17                       | 19.97          | 19.35          |
|                   | UNII2A | 5270           | 54  | 21.93                 | 22.17          | 21.83          | 19.14                       | 19.94          | 19.22          |
|                   |        | 5310           | 62  | 20.57                 | 23.09          | 21.80          | 18.27                       | 19.98          | 19.17          |
|                   | UNII2C | 5510           | 102 | 21.72                 | 22.37          | 21.77          | 19.12                       | 19.85          | 19.37          |
|                   |        | 5590           | 118 | 21.86                 | 22.32          | 21.59          | 19.20                       | 19.66          | 19.26          |
|                   |        | 5670           | 134 | 20.96                 | 22.70          | 20.67          | 18.85                       | 20.00          | 18.46          |
|                   |        | 5710           | 142 | 21.98                 | 22.10          | 21.50          | 18.94                       | 19.71          | 19.11          |
|                   | UNII3  | 5755           | 151 | 18.24                 | 22.56          | 21.44          | 16.03                       | 19.87          | 19.08          |
|                   |        | 5795           | 159 | 21.12                 | 22.18          | 21.70          | 19.19                       | 19.85          | 18.96          |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>52T | UNII1  | 5190           | 38  | 22.55                 | 21.70          | 21.66          | 18.37                       | 19.21          | 18.53          |
|                   |        | 5230           | 46  | 22.35                 | 22.86          | 22.18          | 18.65                       | 19.25          | 18.50          |
|                   | UNII2A | 5270           | 54  | 21.79                 | 22.47          | 21.95          | 18.78                       | 19.22          | 18.39          |
|                   |        | 5310           | 62  | 22.03                 | 22.34          | 21.92          | 18.69                       | 19.24          | 18.03          |
|                   | UNII2C | 5510           | 102 | 22.11                 | 22.49          | 22.09          | 18.38                       | 19.46          | 18.52          |
|                   |        | 5590           | 118 | 21.82                 | 22.34          | 22.00          | 18.64                       | 19.27          | 18.71          |
|                   |        | 5670           | 134 | 22.13                 | 22.43          | 21.64          | 18.59                       | 19.31          | 18.37          |
|                   |        | 5710           | 142 | 22.57                 | 22.12          | 22.46          | 18.34                       | 17.98          | 18.20          |
|                   | UNII3  | 5755           | 151 | 22.18                 | 22.43          | 22.09          | 18.52                       | 19.33          | 18.63          |
|                   |        | 5795           | 159 | 21.59                 | 22.37          | 22.12          | 18.53                       | 19.40          | 18.67          |

| Mode               | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                    |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                    |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>106T | UNII1  | 5190           | 38  | 23.01                 | 22.69          | 23.01          | 18.14                       | 18.70          | 18.09          |
|                    |        | 5230           | 46  | 22.48                 | 23.25          | 23.00          | 18.14                       | 18.96          | 18.08          |
|                    | UNII2A | 5270           | 54  | 22.38                 | 23.64          | 22.51          | 18.07                       | 18.72          | 18.08          |
|                    |        | 5310           | 62  | 22.50                 | 23.36          | 22.76          | 18.08                       | 18.74          | 17.93          |
|                    | UNII2C | 5510           | 102 | 23.03                 | 23.49          | 22.75          | 18.05                       | 18.85          | 18.17          |
|                    |        | 5590           | 118 | 23.06                 | 23.76          | 22.88          | 18.07                       | 18.87          | 18.04          |
|                    |        | 5670           | 134 | 22.23                 | 23.73          | 23.06          | 18.22                       | 18.93          | 18.13          |
|                    |        | 5710           | 142 | 22.32                 | 23.66          | 22.21          | 18.05                       | 18.81          | 18.09          |
|                    | UNII3  | 5755           | 151 | 22.91                 | 23.00          | 22.09          | 18.00                       | 18.78          | 18.08          |
|                    |        | 5795           | 159 | 22.10                 | 22.81          | 22.52          | 18.16                       | 18.83          | 18.08          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>242T | UNII1  | 5190           | 38  | 25.31                 | -              | 25.77          | 19.27                       | -              | 19.25          |
|                |        | 5230           | 46  | 25.74                 | -              | 26.06          | 19.26                       | -              | 19.27          |
|                | UNII2A | 5270           | 54  | 25.90                 | -              | 25.61          | 19.29                       | -              | 19.31          |
|                |        | 5310           | 62  | 25.59                 | -              | 25.64          | 19.30                       | -              | 19.26          |
|                | UNII2C | 5510           | 102 | 25.85                 | -              | 26.35          | 19.28                       | -              | 19.26          |
|                |        | 5590           | 118 | 26.68                 | -              | 25.39          | 19.31                       | -              | 19.27          |
|                |        | 5670           | 134 | 26.31                 | -              | 25.26          | 19.35                       | -              | 19.41          |
|                |        | 5710           | 142 | 25.79                 | -              | 25.28          | 19.33                       | -              | 19.36          |
|                | UNII3  | 5755           | 151 | 25.85                 | -              | 25.79          | 19.34                       | -              | 19.31          |
|                |        | 5795           | 159 | 25.72                 | -              | 26.29          | 19.25                       | -              | 19.25          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                     | 44.23          | -              | -                           | 38.08          | -              |
|                |        | 5230           | 46  | -                     | 44.79          | -              | -                           | 38.10          | -              |
|                | UNII2A | 5270           | 54  | -                     | 45.03          | -              | -                           | 38.11          | -              |
|                |        | 5310           | 62  | -                     | 44.50          | -              | -                           | 38.07          | -              |
|                | UNII2C | 5510           | 102 | -                     | 45.14          | -              | -                           | 38.07          | -              |
|                |        | 5590           | 118 | -                     | 44.83          | -              | -                           | 38.08          | -              |
|                |        | 5670           | 134 | -                     | 45.17          | -              | -                           | 38.10          | -              |
|                |        | 5710           | 142 | -                     | 45.38          | -              | -                           | 38.13          | -              |
|                | UNII3  | 5755           | 151 | -                     | 45.71          | -              | -                           | 38.09          | -              |
|                |        | 5795           | 159 | -                     | 44.95          | -              | -                           | 38.15          | -              |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                     | 45.88          | -              | -                           | 38.07          | -              |
|              |        | 5230           | 46  | -                     | 44.98          | -              | -                           | 38.06          | -              |
|              | UNII2A | 5270           | 54  | -                     | 44.62          | -              | -                           | 38.09          | -              |
|              |        | 5310           | 62  | -                     | 45.73          | -              | -                           | 38.00          | -              |
|              | UNII2C | 5510           | 102 | -                     | 44.77          | -              | -                           | 38.09          | -              |
|              |        | 5590           | 118 | -                     | 46.03          | -              | -                           | 38.02          | -              |
|              |        | 5710           | 142 | -                     | 44.63          | -              | -                           | 38.10          | -              |
|              | UNII3  | 5755           | 151 | -                     | 44.75          | -              | -                           | 38.06          | -              |
|              |        | 5795           | 159 | -                     | 45.00          | -              | -                           | 38.10          | -              |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>26T | UNII1  | 5210           | 42  | 22.89                 | 38.20          | 22.05          | 20.29                       | 35.82          | 19.95          |
|               | UNII2A | 5290           | 58  | 22.93                 | 38.45          | 22.41          | 19.79                       | 36.02          | 20.04          |
|               | UNII2C | 5530           | 106 | 22.27                 | 38.25          | 21.69          | 19.95                       | 36.06          | 19.90          |
|               |        | 5610           | 122 | 22.89                 | 38.28          | 22.82          | 20.04                       | 35.77          | 20.22          |
|               |        | 5690           | 138 | 22.32                 | 38.26          | 22.99          | 20.21                       | 35.94          | 20.14          |
|               | UNII3  | 5775           | 155 | 23.63                 | 38.41          | 22.85          | 20.24                       | 36.10          | 20.06          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>52T | UNII1  | 5210           | 42  | 22.22                 | 21.55          | 22.62          | 19.51                       | 19.23          | 19.07          |
|               | UNII2A | 5290           | 58  | 22.46                 | 22.30          | 22.93          | 18.94                       | 18.67          | 19.50          |
|               | UNII2C | 5530           | 106 | 20.98                 | 22.45          | 22.86          | 17.68                       | 18.95          | 19.39          |
|               |        | 5610           | 122 | 22.23                 | 22.07          | 22.54          | 18.94                       | 18.78          | 19.16          |
|               |        | 5690           | 138 | 22.39                 | 21.59          | 23.31          | 19.23                       | 19.10          | 19.56          |
|               | UNII3  | 5775           | 155 | 22.69                 | 22.15          | 23.33          | 19.46                       | 18.94          | 19.16          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>106T | UNII1  | 5210           | 42  | 22.45                 | 22.97          | 23.31          | 19.02                       | 18.47          | 18.89          |
|                | UNII2A | 5290           | 58  | 22.84                 | 22.93          | 24.00          | 18.57                       | 18.04          | 18.80          |
|                | UNII2C | 5530           | 106 | 23.37                 | 23.24          | 22.93          | 18.68                       | 18.39          | 18.65          |
|                |        | 5610           | 122 | 23.60                 | 22.68          | 23.99          | 18.74                       | 18.26          | 18.75          |
|                |        | 5690           | 138 | 23.16                 | 22.85          | 24.24          | 18.85                       | 18.72          | 18.90          |
|                | UNII3  | 5775           | 155 | 23.09                 | 21.53          | 22.94          | 18.67                       | 18.15          | 18.68          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>242T | UNII1  | 5210           | 42  | 27.12                 | 43.48          | 27.28          | 20.74                       | 37.55          | 20.38          |
|                | UNII2A | 5290           | 58  | 27.09                 | 42.30          | 26.63          | 20.11                       | 37.50          | 20.09          |
|                | UNII2C | 5530           | 106 | 26.90                 | 43.43          | 27.16          | 20.14                       | 37.59          | 20.31          |
|                |        | 5610           | 122 | 27.00                 | 43.03          | 27.66          | 20.12                       | 37.54          | 19.97          |
|                |        | 5690           | 138 | 27.46                 | 43.23          | 42.78          | 20.29                       | 37.73          | 20.33          |
|                | UNII3  | 5775           | 155 | 26.52                 | 42.33          | 26.84          | 20.19                       | 37.52          | 20.17          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>484T | UNII1  | 5210           | 42  | 46.09                 | -              | 45.94          | 38.31                       | -              | 38.28          |
|                | UNII2A | 5290           | 58  | 45.56                 | -              | 45.27          | 38.29                       | -              | 38.03          |
|                | UNII2C | 5530           | 106 | 45.20                 | -              | 45.09          | 38.13                       | -              | 38.15          |
|                |        | 5610           | 122 | 46.07                 | -              | 44.98          | 38.15                       | -              | 38.22          |
|                |        | 5690           | 138 | 45.91                 | -              | 45.15          | 38.35                       | -              | 38.38          |
|                | UNII3  | 5775           | 155 | 45.70                 | -              | 45.71          | 38.12                       | -              | 38.20          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                     | 86.61          | -              | -                           | 77.88          | -              |
|                | UNII2A | 5290           | 58  | -                     | 86.60          | -              | -                           | 77.73          | -              |
|                | UNII2C | 5530           | 106 | -                     | 86.42          | -              | -                           | 77.82          | -              |
|                |        | 5610           | 122 | -                     | 85.48          | -              | -                           | 77.87          | -              |
|                |        | 5690           | 138 | -                     | 86.19          | -              | -                           | 77.91          | -              |
|                | UNII3  | 5775           | 155 | -                     | 87.02          | -              | -                           | 77.83          | -              |
|                |        |                |     |                       |                |                |                             |                |                |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                     | 86.46          | -              | -                           | 77.84          | -              |
|              | UNII2A | 5290           | 58  | -                     | 85.84          | -              | -                           | 77.77          | -              |
|              | UNII2C | 5530           | 106 | -                     | 85.82          | -              | -                           | 77.79          | -              |
|              |        | 5610           | 122 | -                     | 85.25          | -              | -                           | 77.77          | -              |
|              |        | 5690           | 138 | -                     | 85.86          | -              | -                           | 77.71          | -              |
|              | UNII3  | 5775           | 155 | -                     | 85.05          | -              | -                           | 77.80          | -              |
|              |        |                |     |                       |                |                |                             |                |                |

### 10.2.2 MIMO Ant. 1

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 20.80                 | 18.23          | 21.79          | 19.04                       | 16.74          | 19.01          |
|               |        | 5200           | 40  | 21.54                 | 17.95          | 21.44          | 18.94                       | 16.82          | 18.92          |
|               |        | 5240           | 48  | 21.54                 | 18.23          | 21.61          | 19.19                       | 16.95          | 18.75          |
|               | UNII2A | 5260           | 52  | 21.00                 | 18.25          | 21.20          | 18.86                       | 16.95          | 19.03          |
|               |        | 5300           | 60  | 21.36                 | 18.11          | 20.97          | 19.13                       | 16.75          | 18.85          |
|               |        | 5320           | 64  | 21.10                 | 18.33          | 20.56          | 18.99                       | 17.00          | 18.87          |
|               | UNII2C | 5500           | 100 | 21.44                 | 18.02          | 20.66          | 18.80                       | 16.77          | 18.58          |
|               |        | 5600           | 120 | 21.29                 | 18.02          | 20.71          | 19.18                       | 16.62          | 18.72          |
|               |        | 5660           | 132 | 21.14                 | 18.01          | 21.41          | 19.14                       | 16.71          | 19.17          |
|               |        | 5720           | 144 | 21.21                 | 17.99          | 21.34          | 18.63                       | 16.76          | 19.00          |
|               | UNII3  | 5745           | 149 | 20.78                 | 18.16          | 20.82          | 19.04                       | 16.34          | 19.01          |
|               |        | 5785           | 157 | 21.54                 | 18.28          | 21.87          | 19.13                       | 16.95          | 19.17          |
|               |        | 5825           | 165 | 20.99                 | 18.11          | 20.69          | 18.89                       | 16.90          | 18.74          |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 21.31                 | 18.58          | 21.24          | 18.53                       | 17.10          | 18.53          |
|               |        | 5200           | 40  | 21.42                 | 18.46          | 21.39          | 18.54                       | 17.13          | 18.43          |
|               |        | 5240           | 48  | 21.99                 | 18.36          | 21.78          | 18.64                       | 17.18          | 18.51          |
|               | UNII2A | 5260           | 52  | 21.31                 | 18.70          | 21.18          | 18.49                       | 17.17          | 18.45          |
|               |        | 5300           | 60  | 21.53                 | 18.66          | 21.33          | 18.55                       | 17.19          | 18.40          |
|               |        | 5320           | 64  | 21.58                 | 18.51          | 21.12          | 18.57                       | 17.00          | 18.44          |
|               | UNII2C | 5500           | 100 | 21.52                 | 18.61          | 21.51          | 18.60                       | 17.11          | 18.48          |
|               |        | 5600           | 120 | 21.92                 | 18.36          | 20.89          | 18.60                       | 17.10          | 18.57          |
|               |        | 5660           | 132 | 22.16                 | 18.53          | 22.09          | 18.54                       | 17.16          | 18.58          |
|               |        | 5720           | 144 | 21.62                 | 18.30          | 21.64          | 18.62                       | 17.09          | 18.47          |
|               | UNII3  | 5745           | 149 | 21.24                 | 18.40          | 21.11          | 18.57                       | 17.11          | 18.47          |
|               |        | 5785           | 157 | 21.47                 | 18.17          | 21.47          | 18.60                       | 17.14          | 18.55          |
|               |        | 5825           | 165 | 21.42                 | 18.38          | 20.96          | 18.51                       | 17.10          | 18.49          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE20]<br>106T | UNII1  | 5180           | 36  | 22.26                 | -              | 21.92          | 18.36                       | -              | 18.34          |
|                |        | 5200           | 40  | 22.20                 | -              | 22.20          | 18.40                       | -              | 18.34          |
|                |        | 5240           | 48  | 21.94                 | -              | 22.17          | 18.35                       | -              | 18.32          |
|                | UNII2A | 5260           | 52  | 22.12                 | -              | 21.96          | 18.34                       | -              | 18.31          |
|                |        | 5300           | 60  | 22.08                 | -              | 21.52          | 18.33                       | -              | 18.32          |
|                |        | 5320           | 64  | 22.28                 | -              | 23.10          | 18.39                       | -              | 18.34          |
|                | UNII2C | 5500           | 100 | 22.46                 | -              | 22.11          | 18.39                       | -              | 18.35          |
|                |        | 5600           | 120 | 21.94                 | -              | 21.85          | 18.33                       | -              | 18.41          |
|                |        | 5660           | 132 | 21.64                 | -              | 21.80          | 18.29                       | -              | 18.37          |
|                |        | 5720           | 144 | 21.92                 | -              | 21.93          | 18.32                       | -              | 18.36          |
|                | UNII3  | 5745           | 149 | 22.23                 | -              | 22.30          | 18.36                       | -              | 18.37          |
|                |        | 5785           | 157 | 22.27                 | -              | 21.98          | 18.29                       | -              | 18.33          |
|                |        | 5825           | 165 | 22.33                 | -              | 21.83          | 18.38                       | -              | 18.36          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                     | 23.72          | -              | -                           | 19.20          | -              |
|                |        | 5200           | 40  | -                     | 24.82          | -              | -                           | 19.17          | -              |
|                |        | 5240           | 48  | -                     | 24.52          | -              | -                           | 19.20          | -              |
|                | UNII2A | 5260           | 52  | -                     | 24.30          | -              | -                           | 19.21          | -              |
|                |        | 5300           | 60  | -                     | 23.72          | -              | -                           | 19.16          | -              |
|                |        | 5320           | 64  | -                     | 25.68          | -              | -                           | 19.19          | -              |
|                | UNII2C | 5500           | 100 | -                     | 25.05          | -              | -                           | 19.19          | -              |
|                |        | 5600           | 120 | -                     | 24.80          | -              | -                           | 19.19          | -              |
|                |        | 5660           | 132 | -                     | 24.49          | -              | -                           | 19.19          | -              |
|                |        | 5720           | 144 | -                     | 24.01          | -              | -                           | 19.17          | -              |
|                | UNII3  | 5745           | 149 | -                     | 24.09          | -              | -                           | 19.22          | -              |
|                |        | 5785           | 157 | -                     | 24.10          | -              | -                           | 19.16          | -              |
|                |        | 5825           | 165 | -                     | 23.93          | -              | -                           | 19.15          | -              |

| Mode             | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                  |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                  |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE20]<br><br>SU | UNII1  | 5180           | 36  | -                     | 24.32          | -              | -                           | 19.15          | -              |
|                  |        | 5200           | 40  | -                     | 23.94          | -              | -                           | 19.18          | -              |
|                  |        | 5240           | 48  | -                     | 24.89          | -              | -                           | 19.20          | -              |
|                  | UNII2A | 5260           | 52  | -                     | 25.28          | -              | -                           | 19.19          | -              |
|                  |        | 5300           | 60  | -                     | 24.60          | -              | -                           | 19.18          | -              |
|                  |        | 5320           | 64  | -                     | 24.77          | -              | -                           | 19.21          | -              |
|                  | UNII2C | 5500           | 100 | -                     | 24.56          | -              | -                           | 19.19          | -              |
|                  |        | 5600           | 120 | -                     | 23.99          | -              | -                           | 19.18          | -              |
|                  |        | 5720           | 144 | -                     | 24.76          | -              | -                           | 19.17          | -              |
|                  | UNII3  | 5745           | 149 | -                     | 25.26          | -              | -                           | 19.16          | -              |
|                  |        | 5785           | 157 | -                     | 23.79          | -              | -                           | 19.17          | -              |
|                  |        | 5825           | 165 | -                     | 24.41          | -              | -                           | 19.19          | -              |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br><br>26T | UNII1  | 5190           | 38  | 21.36                 | 22.04          | 22.04          | 18.95                       | 19.53          | 18.80          |
|                   |        | 5230           | 46  | 22.33                 | 22.04          | 21.90          | 19.19                       | 19.91          | 19.15          |
|                   | UNII2A | 5270           | 54  | 21.44                 | 22.10          | 21.70          | 19.36                       | 19.98          | 19.12          |
|                   |        | 5310           | 62  | 21.58                 | 22.01          | 20.46          | 19.09                       | 18.84          | 18.60          |
|                   | UNII2C | 5510           | 102 | 21.36                 | 22.24          | 22.43          | 19.30                       | 20.10          | 19.21          |
|                   |        | 5590           | 118 | 21.42                 | 22.95          | 21.12          | 19.23                       | 19.79          | 19.23          |
|                   |        | 5670           | 134 | 21.86                 | 22.62          | 22.03          | 19.59                       | 19.88          | 18.83          |
|                   |        | 5710           | 142 | 22.50                 | 22.00          | 21.38          | 19.56                       | 19.80          | 18.96          |
|                   | UNII3  | 5755           | 151 | 20.85                 | 21.64          | 21.14          | 19.05                       | 19.73          | 18.95          |
|                   |        | 5795           | 159 | 21.62                 | 22.33          | 21.98          | 19.16                       | 20.00          | 19.17          |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br><br>52T | UNII1  | 5190           | 38  | 21.55                 | 22.14          | 21.50          | 18.57                       | 19.13          | 18.60          |
|                   |        | 5230           | 46  | 21.88                 | 22.45          | 22.13          | 17.91                       | 19.29          | 18.71          |
|                   | UNII2A | 5270           | 54  | 21.82                 | 22.63          | 21.75          | 18.52                       | 19.24          | 18.51          |
|                   |        | 5310           | 62  | 22.17                 | 22.06          | 22.08          | 18.47                       | 19.11          | 18.54          |
|                   | UNII2C | 5510           | 102 | 23.15                 | 22.70          | 22.66          | 18.70                       | 19.12          | 18.70          |
|                   |        | 5590           | 118 | 23.08                 | 22.54          | 22.19          | 18.52                       | 19.18          | 18.42          |
|                   |        | 5670           | 134 | 23.04                 | 21.61          | 22.35          | 18.59                       | 19.37          | 18.73          |
|                   |        | 5710           | 142 | 22.61                 | 22.50          | 22.44          | 18.55                       | 19.23          | 18.65          |
|                   | UNII3  | 5755           | 151 | 22.27                 | 22.57          | 21.74          | 18.49                       | 19.18          | 18.65          |
|                   |        | 5795           | 159 | 22.01                 | 22.68          | 22.10          | 18.37                       | 19.53          | 18.52          |

| Mode               | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                    |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                    |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br><br>106T | UNII1  | 5190           | 38  | 22.30                 | 24.16          | 22.26          | 18.04                       | 18.88          | 18.11          |
|                    |        | 5230           | 46  | 22.27                 | 23.69          | 23.13          | 18.12                       | 18.90          | 18.14          |
|                    | UNII2A | 5270           | 54  | 22.39                 | 23.44          | 22.62          | 18.11                       | 18.96          | 18.13          |
|                    |        | 5310           | 62  | 22.15                 | 23.44          | 22.81          | 18.08                       | 18.81          | 18.18          |
|                    | UNII2C | 5510           | 102 | 23.04                 | 23.25          | 22.90          | 18.18                       | 18.79          | 18.21          |
|                    |        | 5590           | 118 | 23.05                 | 23.17          | 22.70          | 18.10                       | 18.86          | 18.15          |
|                    |        | 5670           | 134 | 22.72                 | 23.75          | 22.62          | 18.19                       | 18.92          | 18.24          |
|                    |        | 5710           | 142 | 23.35                 | 23.21          | 22.55          | 18.12                       | 18.85          | 18.14          |
|                    | UNII3  | 5755           | 151 | 23.27                 | 23.34          | 23.01          | 18.02                       | 18.82          | 18.17          |
|                    |        | 5795           | 159 | 23.30                 | 23.44          | 22.05          | 18.07                       | 19.00          | 18.15          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br>242T | UNII1  | 5190           | 38  | 25.77                 | -              | 25.82          | 19.26                       | -              | 19.23          |
|                |        | 5230           | 46  | 25.26                 | -              | 25.28          | 19.26                       | -              | 19.27          |
|                | UNII2A | 5270           | 54  | 26.02                 | -              | 25.20          | 19.16                       | -              | 19.34          |
|                |        | 5310           | 62  | 25.82                 | -              | 26.83          | 19.21                       | -              | 19.37          |
|                | UNII2C | 5510           | 102 | 26.02                 | -              | 25.94          | 19.33                       | -              | 19.34          |
|                |        | 5590           | 118 | 26.39                 | -              | 25.74          | 19.18                       | -              | 19.21          |
|                |        | 5670           | 134 | 25.79                 | -              | 25.71          | 19.33                       | -              | 19.42          |
|                |        | 5710           | 142 | 26.03                 | -              | 25.28          | 19.26                       | -              | 19.27          |
|                | UNII3  | 5755           | 151 | 25.98                 | -              | 25.15          | 19.25                       | -              | 19.29          |
|                |        | 5795           | 159 | 24.90                 | -              | 25.45          | 19.36                       | -              | 19.27          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                     | 44.71          | -              | -                           | 38.08          | -              |
|                |        | 5230           | 46  | -                     | 45.31          | -              | -                           | 38.02          | -              |
|                | UNII2A | 5270           | 54  | -                     | 44.41          | -              | -                           | 38.11          | -              |
|                |        | 5310           | 62  | -                     | 44.28          | -              | -                           | 38.15          | -              |
|                | UNII2C | 5510           | 102 | -                     | 44.64          | -              | -                           | 38.09          | -              |
|                |        | 5590           | 118 | -                     | 44.06          | -              | -                           | 38.08          | -              |
|                |        | 5670           | 134 | -                     | 44.52          | -              | -                           | 38.11          | -              |
|                |        | 5710           | 142 | -                     | 44.05          | -              | -                           | 38.10          | -              |
|                | UNII3  | 5755           | 151 | -                     | 44.62          | -              | -                           | 38.06          | -              |
|                |        | 5795           | 159 | -                     | 44.86          | -              | -                           | 38.10          | -              |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                     | 44.45          | -              | -                           | 38.04          | -              |
|              |        | 5230           | 46  | -                     | 45.23          | -              | -                           | 38.00          | -              |
|              | UNII2A | 5270           | 54  | -                     | 44.83          | -              | -                           | 38.07          | -              |
|              |        | 5310           | 62  | -                     | 44.58          | -              | -                           | 38.07          | -              |
|              | UNII2C | 5510           | 102 | -                     | 44.60          | -              | -                           | 38.04          | -              |
|              |        | 5590           | 118 | -                     | 45.61          | -              | -                           | 38.05          | -              |
|              |        | 5710           | 142 | -                     | 44.63          | -              | -                           | 38.05          | -              |
|              | UNII3  | 5755           | 151 | -                     | 45.06          | -              | -                           | 38.11          | -              |
|              |        | 5795           | 159 | -                     | 45.09          | -              | -                           | 38.06          | -              |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>26T | UNII1  | 5210           | 42  | 22.75                 | 38.55          | 23.43          | 20.35                       | 36.29          | 20.13          |
|               | UNII2A | 5290           | 58  | 22.30                 | 38.24          | 21.55          | 19.76                       | 36.21          | 19.31          |
|               | UNII2C | 5530           | 106 | 22.55                 | 38.47          | 22.22          | 20.42                       | 36.38          | 20.18          |
|               |        | 5610           | 122 | 21.97                 | 38.29          | 22.34          | 19.03                       | 36.10          | 19.81          |
|               |        | 5690           | 138 | 22.23                 | 38.41          | 22.46          | 20.15                       | 36.41          | 20.35          |
|               | UNII3  | 5775           | 155 | 21.72                 | 38.40          | 22.86          | 19.63                       | 36.03          | 19.80          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>52T | UNII1  | 5210           | 42  | 22.75                 | 21.69          | 22.53          | 19.58                       | 18.99          | 19.45          |
|               | UNII2A | 5290           | 58  | 23.16                 | 22.47          | 22.63          | 19.29                       | 19.16          | 19.43          |
|               | UNII2C | 5530           | 106 | 22.59                 | 22.51          | 43.78          | 19.56                       | 19.49          | 19.98          |
|               |        | 5610           | 122 | 22.86                 | 22.96          | 22.49          | 19.19                       | 19.16          | 19.35          |
|               |        | 5690           | 138 | 21.86                 | 22.72          | 42.62          | 19.37                       | 20.00          | 19.95          |
|               | UNII3  | 5775           | 155 | 23.09                 | 23.14          | 21.99          | 19.44                       | 18.86          | 19.18          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>106T | UNII1  | 5210           | 42  | 23.99                 | 23.14          | 22.93          | 18.94                       | 18.39          | 18.85          |
|                | UNII2A | 5290           | 58  | 24.22                 | 23.32          | 23.94          | 18.64                       | 18.31          | 18.84          |
|                | UNII2C | 5530           | 106 | 44.62                 | 23.20          | 44.11          | 18.95                       | 18.77          | 19.47          |
|                |        | 5610           | 122 | 23.60                 | 23.47          | 24.30          | 18.71                       | 18.32          | 18.85          |
|                |        | 5690           | 138 | 42.73                 | 22.86          | 43.93          | 19.04                       | 18.83          | 19.81          |
|                | UNII3  | 5775           | 155 | 24.15                 | 23.47          | 24.43          | 18.62                       | 18.22          | 18.98          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>242T | UNII1  | 5210           | 42  | 43.18                 | 43.58          | 26.50          | 20.65                       | 37.29          | 20.13          |
|                | UNII2A | 5290           | 58  | 27.20                 | 44.46          | 27.62          | 20.02                       | 37.58          | 20.01          |
|                | UNII2C | 5530           | 106 | 43.16                 | 44.00          | 43.60          | 20.62                       | 37.78          | 21.41          |
|                |        | 5610           | 122 | 26.85                 | 44.30          | 26.55          | 20.23                       | 37.58          | 20.05          |
|                |        | 5690           | 138 | 44.88                 | 43.33          | 43.75          | 20.52                       | 37.94          | 22.32          |
|                | UNII3  | 5775           | 155 | 27.26                 | 43.82          | 27.74          | 19.96                       | 37.51          | 20.05          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>484T | UNII1  | 5210           | 42  | 46.89                 | -              | 44.86          | 38.39                       | -              | 38.19          |
|                | UNII2A | 5290           | 58  | 44.82                 | -              | 45.27          | 38.15                       | -              | 38.10          |
|                | UNII2C | 5530           | 106 | 45.81                 | -              | 45.58          | 38.57                       | -              | 38.51          |
|                |        | 5610           | 122 | 45.23                 | -              | 46.33          | 38.09                       | -              | 38.14          |
|                |        | 5690           | 138 | 46.25                 | -              | 45.73          | 38.57                       | -              | 39.00          |
|                | UNII3  | 5775           | 155 | 45.62                 | -              | 45.62          | 38.04                       | -              | 38.06          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                     | 85.06          | -              | -                           | 77.94          | -              |
|                | UNII2A | 5290           | 58  | -                     | 86.49          | -              | -                           | 77.88          | -              |
|                | UNII2C | 5530           | 106 | -                     | 86.61          | -              | -                           | 77.78          | -              |
|                |        | 5610           | 122 | -                     | 85.68          | -              | -                           | 77.74          | -              |
|                |        | 5690           | 138 | -                     | 85.41          | -              | -                           | 78.00          | -              |
|                | UNII3  | 5775           | 155 | -                     | 85.92          | -              | -                           | 77.79          | -              |
|                |        |                |     |                       |                |                |                             |                |                |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT1                  | ANT1           | ANT1           | ANT1                        | ANT1           | ANT1           |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                     | 85.19          | -              | -                           | 77.85          | -              |
|              | UNII2A | 5290           | 58  | -                     | 87.51          | -              | -                           | 77.95          | -              |
|              | UNII2C | 5530           | 106 | -                     | 86.12          | -              | -                           | 77.70          | -              |
|              |        | 5610           | 122 | -                     | 85.58          | -              | -                           | 77.89          | -              |
|              |        | 5690           | 138 | -                     | 86.02          | -              | -                           | 77.77          | -              |
|              | UNII3  | 5775           | 155 | -                     | 85.88          | -              | -                           | 77.76          | -              |
|              |        |                |     |                       |                |                |                             |                |                |

### 10.2.3 MIMO Ant. 2

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 20.74                 | 18.08          | 20.82          | 18.54                       | 16.90          | 18.84          |
|               |        | 5200           | 40  | 20.67                 | 18.11          | 20.88          | 18.71                       | 16.91          | 18.83          |
|               |        | 5240           | 48  | 20.61                 | 18.02          | 21.13          | 18.48                       | 16.78          | 18.73          |
|               | UNII2A | 5260           | 52  | 20.84                 | 17.98          | 20.60          | 18.71                       | 16.61          | 18.94          |
|               |        | 5300           | 60  | 20.64                 | 18.01          | 20.64          | 18.80                       | 16.83          | 18.91          |
|               |        | 5320           | 64  | 20.55                 | 17.98          | 20.66          | 18.61                       | 16.79          | 18.74          |
|               | UNII2C | 5500           | 100 | 21.20                 | 18.17          | 20.67          | 18.78                       | 16.84          | 18.92          |
|               |        | 5600           | 120 | 20.83                 | 17.46          | 20.91          | 18.79                       | 16.54          | 18.93          |
|               |        | 5660           | 132 | 20.57                 | 18.03          | 20.61          | 18.78                       | 16.75          | 18.88          |
|               |        | 5720           | 144 | 20.52                 | 17.90          | 21.00          | 18.54                       | 16.72          | 18.85          |
|               | UNII3  | 5745           | 149 | 20.36                 | 18.04          | 20.62          | 18.57                       | 16.84          | 18.93          |
|               |        | 5785           | 157 | 20.88                 | 18.03          | 20.57          | 18.62                       | 16.79          | 18.76          |
|               |        | 5825           | 165 | 20.20                 | 18.08          | 20.73          | 18.35                       | 16.83          | 18.76          |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 21.66                 | 18.06          | 21.13          | 18.32                       | 16.96          | 18.47          |
|               |        | 5200           | 40  | 20.39                 | 18.15          | 20.95          | 18.33                       | 16.83          | 18.35          |
|               |        | 5240           | 48  | 20.65                 | 18.43          | 21.88          | 18.34                       | 17.08          | 18.49          |
|               | UNII2A | 5260           | 52  | 20.63                 | 18.28          | 21.17          | 18.24                       | 17.05          | 18.46          |
|               |        | 5300           | 60  | 21.51                 | 18.28          | 20.69          | 18.31                       | 17.07          | 18.32          |
|               |        | 5320           | 64  | 21.31                 | 18.48          | 20.60          | 18.29                       | 16.97          | 18.37          |
|               | UNII2C | 5500           | 100 | 20.90                 | 18.35          | 20.88          | 18.34                       | 17.06          | 18.43          |
|               |        | 5600           | 120 | 20.90                 | 18.35          | 21.14          | 18.28                       | 17.04          | 18.46          |
|               |        | 5660           | 132 | 20.81                 | 18.33          | 21.19          | 18.32                       | 16.88          | 18.42          |
|               |        | 5720           | 144 | 21.02                 | 18.13          | 21.27          | 18.33                       | 16.71          | 18.44          |
|               | UNII3  | 5745           | 149 | 20.76                 | 18.47          | 21.12          | 18.23                       | 17.02          | 18.39          |
|               |        | 5785           | 157 | 20.70                 | 18.41          | 21.44          | 18.15                       | 16.95          | 18.41          |
|               |        | 5825           | 165 | 20.95                 | 18.53          | 20.93          | 18.31                       | 16.89          | 18.42          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>106T | UNII1  | 5180           | 36  | 21.70                 | -              | 21.14          | 18.24                       | -              | 18.28          |
|                |        | 5200           | 40  | 21.25                 | -              | 21.59          | 18.25                       | -              | 18.22          |
|                |        | 5240           | 48  | 21.57                 | -              | 21.24          | 18.24                       | -              | 18.26          |
|                | UNII2A | 5260           | 52  | 21.61                 | -              | 21.40          | 18.20                       | -              | 18.30          |
|                |        | 5300           | 60  | 21.60                 | -              | 21.94          | 18.27                       | -              | 18.29          |
|                |        | 5320           | 64  | 20.98                 | -              | 21.12          | 18.16                       | -              | 18.28          |
|                | UNII2C | 5500           | 100 | 21.09                 | -              | 20.94          | 18.28                       | -              | 18.32          |
|                |        | 5600           | 120 | 20.78                 | -              | 21.47          | 18.18                       | -              | 18.31          |
|                |        | 5660           | 132 | 21.52                 | -              | 21.30          | 18.24                       | -              | 18.32          |
|                |        | 5720           | 144 | 21.38                 | -              | 21.65          | 18.24                       | -              | 18.28          |
|                | UNII3  | 5745           | 149 | 21.36                 | -              | 21.42          | 18.22                       | -              | 18.31          |
|                |        | 5785           | 157 | 21.94                 | -              | 21.68          | 18.22                       | -              | 18.30          |
|                |        | 5825           | 165 | 21.72                 | -              | 21.26          | 18.17                       | -              | 18.29          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                     | 24.27          | -              | -                           | 19.13          | -              |
|                |        | 5200           | 40  | -                     | 23.08          | -              | -                           | 19.22          | -              |
|                |        | 5240           | 48  | -                     | 23.01          | -              | -                           | 19.16          | -              |
|                | UNII2A | 5260           | 52  | -                     | 23.24          | -              | -                           | 19.12          | -              |
|                |        | 5300           | 60  | -                     | 23.68          | -              | -                           | 19.15          | -              |
|                |        | 5320           | 64  | -                     | 23.98          | -              | -                           | 19.12          | -              |
|                | UNII2C | 5500           | 100 | -                     | 23.68          | -              | -                           | 19.15          | -              |
|                |        | 5600           | 120 | -                     | 23.16          | -              | -                           | 19.17          | -              |
|                |        | 5660           | 132 | -                     | 23.99          | -              | -                           | 19.15          | -              |
|                |        | 5720           | 144 | -                     | 23.14          | -              | -                           | 19.12          | -              |
|                | UNII3  | 5745           | 149 | -                     | 23.26          | -              | -                           | 19.16          | -              |
|                |        | 5785           | 157 | -                     | 23.30          | -              | -                           | 19.15          | -              |
|                |        | 5825           | 165 | -                     | 23.73          | -              | -                           | 19.18          | -              |

| Mode             | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                  |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                  |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE20]<br><br>SU | UNII1  | 5180           | 36  | -                     | 23.22          | -              | -                           | 19.10          | -              |
|                  |        | 5200           | 40  | -                     | 22.91          | -              | -                           | 19.16          | -              |
|                  |        | 5240           | 48  | -                     | 23.71          | -              | -                           | 19.16          | -              |
|                  | UNII2A | 5260           | 52  | -                     | 23.71          | -              | -                           | 19.15          | -              |
|                  |        | 5300           | 60  | -                     | 23.19          | -              | -                           | 19.15          | -              |
|                  |        | 5320           | 64  | -                     | 23.50          | -              | -                           | 19.15          | -              |
|                  | UNII2C | 5500           | 100 | -                     | 23.32          | -              | -                           | 19.16          | -              |
|                  |        | 5600           | 120 | -                     | 23.91          | -              | -                           | 19.11          | -              |
|                  |        | 5720           | 144 | -                     | 23.51          | -              | -                           | 19.13          | -              |
|                  | UNII3  | 5745           | 149 | -                     | 24.21          | -              | -                           | 19.17          | -              |
|                  |        | 5785           | 157 | -                     | 23.72          | -              | -                           | 19.13          | -              |
|                  |        | 5825           | 165 | -                     | 23.36          | -              | -                           | 19.14          | -              |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>26T | UNII1  | 5190           | 38  | 21.88                 | 21.38          | 21.21          | 18.99                       | 19.49          | 19.01          |
|                   |        | 5230           | 46  | 21.42                 | 21.76          | 20.92          | 19.01                       | 19.65          | 18.80          |
|                   | UNII2A | 5270           | 54  | 21.27                 | 21.78          | 20.86          | 18.61                       | 18.74          | 18.94          |
|                   |        | 5310           | 62  | 20.79                 | 21.43          | 21.12          | 18.72                       | 19.42          | 18.70          |
|                   | UNII2C | 5510           | 102 | 21.79                 | 21.29          | 21.14          | 19.12                       | 19.41          | 18.94          |
|                   |        | 5590           | 118 | 21.11                 | 21.58          | 21.27          | 18.78                       | 19.37          | 19.06          |
|                   |        | 5670           | 134 | 20.29                 | 21.72          | 21.59          | 18.40                       | 19.63          | 18.93          |
|                   |        | 5710           | 142 | 21.14                 | 21.85          | 21.20          | 18.79                       | 19.56          | 18.92          |
|                   | UNII3  | 5755           | 151 | 21.22                 | 21.87          | 21.28          | 18.95                       | 19.54          | 18.91          |
|                   |        | 5795           | 159 | 21.12                 | 21.93          | 20.72          | 18.90                       | 19.71          | 18.82          |

| Mode              | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|-------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                   |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                   |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>52T | UNII1  | 5190           | 38  | 21.88                 | 22.38          | 22.25          | 18.46                       | 19.01          | 18.38          |
|                   |        | 5230           | 46  | 22.28                 | 22.54          | 21.59          | 18.37                       | 19.05          | 18.42          |
|                   | UNII2A | 5270           | 54  | 22.46                 | 23.43          | 21.76          | 18.42                       | 19.20          | 18.29          |
|                   |        | 5310           | 62  | 22.70                 | 22.53          | 21.48          | 18.43                       | 19.05          | 18.36          |
|                   | UNII2C | 5510           | 102 | 22.51                 | 22.56          | 21.29          | 18.45                       | 19.05          | 18.45          |
|                   |        | 5590           | 118 | 22.15                 | 22.66          | 22.30          | 18.30                       | 19.07          | 18.50          |
|                   |        | 5670           | 134 | 22.02                 | 22.35          | 22.59          | 18.49                       | 19.11          | 18.43          |
|                   |        | 5710           | 142 | 22.12                 | 22.60          | 22.48          | 18.37                       | 19.16          | 18.40          |
|                   | UNII3  | 5755           | 151 | 21.65                 | 22.74          | 21.88          | 18.29                       | 19.07          | 18.42          |
|                   |        | 5795           | 159 | 22.36                 | 21.92          | 21.85          | 18.46                       | 19.05          | 18.40          |

| Mode               | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                    |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                    |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br><br>106T | UNII1  | 5190           | 38  | 22.64                 | 22.48          | 22.55          | 18.04                       | 18.71          | 18.04          |
|                    |        | 5230           | 46  | 22.98                 | 22.99          | 22.49          | 18.11                       | 18.70          | 18.02          |
|                    | UNII2A | 5270           | 54  | 22.18                 | 23.38          | 22.85          | 18.10                       | 18.73          | 18.03          |
|                    |        | 5310           | 62  | 23.05                 | 22.63          | 22.76          | 18.06                       | 18.66          | 18.08          |
|                    | UNII2C | 5510           | 102 | 23.05                 | 22.73          | 22.92          | 18.09                       | 18.74          | 18.12          |
|                    |        | 5590           | 118 | 23.51                 | 22.89          | 22.71          | 18.10                       | 18.76          | 18.03          |
|                    |        | 5670           | 134 | 22.67                 | 23.17          | 22.72          | 18.09                       | 18.77          | 18.15          |
|                    |        | 5710           | 142 | 22.90                 | 23.44          | 22.73          | 17.99                       | 18.75          | 18.02          |
|                    | UNII3  | 5755           | 151 | 23.10                 | 22.73          | 22.61          | 18.04                       | 18.73          | 18.08          |
|                    |        | 5795           | 159 | 22.82                 | 23.90          | 22.51          | 18.06                       | 18.87          | 18.06          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>242T | UNII1  | 5190           | 38  | 25.13                 | -              | 25.06          | 19.19                       | -              | 19.22          |
|                |        | 5230           | 46  | 25.34                 | -              | 25.19          | 19.27                       | -              | 19.17          |
|                | UNII2A | 5270           | 54  | 24.72                 | -              | 25.42          | 19.21                       | -              | 19.17          |
|                |        | 5310           | 62  | 24.42                 | -              | 24.77          | 19.20                       | -              | 19.15          |
|                | UNII2C | 5510           | 102 | 25.33                 | -              | 24.93          | 19.25                       | -              | 19.22          |
|                |        | 5590           | 118 | 25.14                 | -              | 25.24          | 19.21                       | -              | 19.19          |
|                |        | 5670           | 134 | 24.76                 | -              | 26.12          | 19.19                       | -              | 19.30          |
|                |        | 5710           | 142 | 25.60                 | -              | 25.02          | 19.18                       | -              | 19.21          |
|                | UNII3  | 5755           | 151 | 24.43                 | -              | 24.83          | 19.19                       | -              | 19.17          |
|                |        | 5795           | 159 | 25.41                 | -              | 24.93          | 19.14                       | -              | 19.21          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                     | 44.30          | -              | -                           | 38.06          | -              |
|                |        | 5230           | 46  | -                     | 45.17          | -              | -                           | 38.02          | -              |
|                | UNII2A | 5270           | 54  | -                     | 43.63          | -              | -                           | 38.04          | -              |
|                |        | 5310           | 62  | -                     | 43.31          | -              | -                           | 38.02          | -              |
|                | UNII2C | 5510           | 102 | -                     | 44.42          | -              | -                           | 38.03          | -              |
|                |        | 5590           | 118 | -                     | 44.07          | -              | -                           | 38.07          | -              |
|                |        | 5670           | 134 | -                     | 44.18          | -              | -                           | 38.05          | -              |
|                |        | 5710           | 142 | -                     | 46.38          | -              | -                           | 38.05          | -              |
|                | UNII3  | 5755           | 151 | -                     | 44.24          | -              | -                           | 38.04          | -              |
|                |        | 5795           | 159 | -                     | 44.16          | -              | -                           | 38.01          | -              |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                     | 43.28          | -              | -                           | 38.06          | -              |
|              |        | 5230           | 46  | -                     | 44.22          | -              | -                           | 37.99          | -              |
|              | UNII2A | 5270           | 54  | -                     | 44.12          | -              | -                           | 38.01          | -              |
|              |        | 5310           | 62  | -                     | 43.08          | -              | -                           | 37.97          | -              |
|              | UNII2C | 5510           | 102 | -                     | 44.43          | -              | -                           | 38.02          | -              |
|              |        | 5590           | 118 | -                     | 43.99          | -              | -                           | 38.02          | -              |
|              |        | 5710           | 142 | -                     | 43.64          | -              | -                           | 38.00          | -              |
|              | UNII3  | 5755           | 151 | -                     | 43.75          | -              | -                           | 38.02          | -              |
|              |        | 5795           | 159 | -                     | 44.35          | -              | -                           | 37.98          | -              |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>26T | UNII1  | 5210           | 42  | 22.42                 | 38.20          | 22.10          | 19.98                       | 35.86          | 19.61          |
|               | UNII2A | 5290           | 58  | 22.00                 | 38.15          | 22.36          | 19.50                       | 36.06          | 19.82          |
|               | UNII2C | 5530           | 106 | 22.12                 | 38.63          | 21.70          | 19.83                       | 36.31          | 19.76          |
|               |        | 5610           | 122 | 22.16                 | 38.37          | 22.10          | 19.52                       | 36.22          | 19.71          |
|               |        | 5690           | 138 | 21.74                 | 38.40          | 22.32          | 19.85                       | 36.48          | 19.88          |
|               | UNII3  | 5775           | 155 | 22.58                 | 38.31          | 22.52          | 19.98                       | 36.59          | 19.97          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode          | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|---------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|               |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|               |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>52T | UNII1  | 5210           | 42  | 22.40                 | 21.61          | 22.93          | 19.15                       | 18.73          | 19.14          |
|               | UNII2A | 5290           | 58  | 22.36                 | 22.13          | 23.30          | 18.86                       | 18.79          | 19.27          |
|               | UNII2C | 5530           | 106 | 22.35                 | 21.76          | 22.16          | 19.11                       | 19.04          | 19.55          |
|               |        | 5610           | 122 | 22.80                 | 22.44          | 22.51          | 19.08                       | 18.75          | 19.24          |
|               |        | 5690           | 138 | 22.04                 | 21.79          | 22.85          | 19.13                       | 18.97          | 19.46          |
|               | UNII3  | 5775           | 155 | 21.95                 | 22.02          | 22.57          | 19.02                       | 18.69          | 19.12          |
|               |        |                |     |                       |                |                |                             |                |                |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>106T | UNII1  | 5210           | 42  | 43.81                 | 23.15          | 23.20          | 18.98                       | 18.50          | 18.68          |
|                | UNII2A | 5290           | 58  | 23.07                 | 22.50          | 23.74          | 18.44                       | 18.22          | 18.79          |
|                | UNII2C | 5530           | 106 | 23.57                 | 22.83          | 23.23          | 18.73                       | 18.53          | 18.94          |
|                |        | 5610           | 122 | 24.20                 | 22.47          | 23.36          | 18.65                       | 18.29          | 18.61          |
|                |        | 5690           | 138 | 23.36                 | 22.93          | 23.66          | 18.75                       | 18.58          | 18.82          |
|                | UNII3  | 5775           | 155 | 22.95                 | 23.11          | 22.44          | 18.52                       | 18.25          | 18.60          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>242T | UNII1  | 5210           | 42  | 43.03                 | 42.98          | 43.73          | 20.36                       | 37.65          | 20.03          |
|                | UNII2A | 5290           | 58  | 42.69                 | 42.34          | 43.27          | 19.86                       | 37.49          | 19.90          |
|                | UNII2C | 5530           | 106 | 43.10                 | 42.80          | 43.58          | 20.13                       | 37.61          | 20.22          |
|                |        | 5610           | 122 | 26.01                 | 43.32          | 42.80          | 19.73                       | 37.51          | 19.83          |
|                |        | 5690           | 138 | 43.34                 | 42.24          | 42.88          | 20.10                       | 37.80          | 20.23          |
|                | UNII3  | 5775           | 155 | 25.35                 | 42.42          | 42.90          | 19.83                       | 37.47          | 19.97          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>484T | UNII1  | 5210           | 42  | 45.20                 | -              | 44.25          | 38.43                       | -              | 38.10          |
|                | UNII2A | 5290           | 58  | 45.95                 | -              | 45.07          | 38.12                       | -              | 38.03          |
|                | UNII2C | 5530           | 106 | 44.96                 | -              | 45.40          | 38.22                       | -              | 38.28          |
|                |        | 5610           | 122 | 45.29                 | -              | 44.71          | 38.02                       | -              | 38.13          |
|                |        | 5690           | 138 | 45.36                 | -              | 45.23          | 38.17                       | -              | 38.24          |
|                | UNII3  | 5775           | 155 | 44.80                 | -              | 45.40          | 38.05                       | -              | 38.29          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|----------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|                |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|                |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                     | 85.12          | -              | -                           | 77.78          | -              |
|                | UNII2A | 5290           | 58  | -                     | 84.69          | -              | -                           | 77.60          | -              |
|                | UNII2C | 5530           | 106 | -                     | 85.06          | -              | -                           | 77.84          | -              |
|                |        | 5610           | 122 | -                     | 84.77          | -              | -                           | 77.77          | -              |
|                |        | 5690           | 138 | -                     | 86.37          | -              | -                           | 77.72          | -              |
|                | UNII3  | 5775           | 155 | -                     | 86.00          | -              | -                           | 77.79          | -              |

| Mode         | Band   | Freq.<br>[MHz] | CH. | 26 dB Bandwidth [MHz] |                |                | 99% Occupied Bandwidth[MHz] |                |                |
|--------------|--------|----------------|-----|-----------------------|----------------|----------------|-----------------------------|----------------|----------------|
|              |        |                |     | RU Index : Low        | RU Index : Low | RU Index : Low | RU Index : Low              | RU Index : Low | RU Index : Low |
|              |        |                |     | ANT2                  | ANT2           | ANT2           | ANT2                        | ANT2           | ANT2           |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                     | 84.93          | -              | -                           | 77.65          | -              |
|              | UNII2A | 5290           | 58  | -                     | 85.28          | -              | -                           | 77.64          | -              |
|              | UNII2C | 5530           | 106 | -                     | 85.66          | -              | -                           | 77.60          | -              |
|              |        | 5610           | 122 | -                     | 85.07          | -              | -                           | 77.75          | -              |
|              |        | 5690           | 138 | -                     | 85.22          | -              | -                           | 77.78          | -              |
|              | UNII3  | 5775           | 155 | -                     | 84.28          | -              | -                           | 77.78          | -              |

### 10.3 6 dB BANDWIDTH

# Limit : > 0.5 MHz

#### 10.3.1 SISO Ant. 2

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>26T | UNII3 | 5745           | 149 | 2.116                | 2.693          | 2.089          |
|               |       | 5785           | 157 | 2.070                | 2.675          | 2.056          |
|               |       | 5825           | 165 | 2.128                | 2.663          | 2.143          |

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>52T | UNII3 | 5745           | 149 | 13.34                | 12.52          | 8.252          |
|               |       | 5785           | 157 | 4.117                | 6.629          | 13.25          |
|               |       | 5825           | 165 | 17.07                | 4.080          | 15.78          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>106T | UNII3 | 5745           | 149 | 17.19                | -              | 17.22          |
|                |       | 5785           | 157 | 17.22                | -              | 17.13          |
|                |       | 5825           | 165 | 17.16                | -              | 17.18          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>242T | UNII3 | 5745           | 149 | -                    | 19.17          | -              |
|                |       | 5785           | 157 | -                    | 19.19          | -              |
|                |       | 5825           | 165 | -                    | 19.19          | -              |

| Mode         | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------------|-------|----------------|-----|----------------------|----------------|----------------|
|              |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|              |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>SU | UNII3 | 5745           | 149 | -                    | 19.14          | -              |
|              |       | 5785           | 157 | -                    | 19.17          | -              |
|              |       | 5825           | 165 | -                    | 19.15          | -              |



| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 2.164                | 2.166          | 2.159          |
| 26T    |       | 5795           | 159 | 2.139                | 2.122          | 2.178          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 4.144                | 16.04          | 15.36          |
| 52T    |       | 5795           | 159 | 4.103                | 17.33          | 15.33          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 16.68                | 17.39          | 16.68          |
| 106T   |       | 5795           | 159 | 16.64                | 17.29          | 16.65          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 18.92                | -              | 18.91          |
| 242T   |       | 5795           | 159 | 18.94                | -              | 18.92          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.19          | -              |
| 484T   |       | 5795           | 159 | -                    | 38.23          | -              |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.21          | -              |
| SU     |       | 5795           | 159 | -                    | 38.24          | -              |

| Mode        | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|-------------|-------|----------------|-----|----------------------|----------------|----------------|
|             |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|             |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE80] 26T  | UNII3 | 5775           | 155 | 2.243                | 2.771          | 2.252          |
| [HE80] 52T  | UNII3 | 5775           | 155 | 14.18                | 16.25          | 15.47          |
| [HE80] 106T | UNII3 | 5775           | 155 | 16.67                | 16.51          | 16.83          |
| [HE80] 242T | UNII3 | 5775           | 155 | 18.96                | 37.02          | 19.00          |
| [HE80] 484T | UNII3 | 5775           | 155 | 37.85                | -              | 37.98          |
| [HE80] 996T | UNII3 | 5775           | 155 | -                    | 78.25          | -              |
| [HE80] SU   | UNII3 | 5775           | 155 | -                    | 78.21          | -              |

### 10.3.2 MIMO Ant. 1

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE20]<br>26T | UNII3 | 5745           | 149 | 2.077                | 2.663          | 2.095          |
|               |       | 5785           | 157 | 2.084                | 2.667          | 2.066          |
|               |       | 5825           | 165 | 2.078                | 2.699          | 2.078          |

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE20]<br>52T | UNII3 | 5745           | 149 | 17.08                | 12.87          | 4.081          |
|               |       | 5785           | 157 | 4.130                | 4.072          | 17.01          |
|               |       | 5825           | 165 | 17.05                | 6.265          | 8.273          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE20]<br>106T | UNII3 | 5745           | 149 | 17.21                | -              | 17.19          |
|                |       | 5785           | 157 | 17.20                | -              | 17.19          |
|                |       | 5825           | 165 | 17.21                | -              | 17.18          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE20]<br>242T | UNII3 | 5745           | 149 | -                    | 19.14          | -              |
|                |       | 5785           | 157 | -                    | 19.15          | -              |
|                |       | 5825           | 165 | -                    | 19.09          | -              |

| Mode         | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------------|-------|----------------|-----|----------------------|----------------|----------------|
|              |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|              |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE20]<br>SU | UNII3 | 5745           | 149 | -                    | 19.15          | -              |
|              |       | 5785           | 157 | -                    | 19.16          | -              |
|              |       | 5825           | 165 | -                    | 19.09          | -              |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | 2.161                | 2.141          | 2.128          |
| 26T    |       | 5795           | 159 | 2.103                | 2.143          | 2.144          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | 16.65                | 17.33          | 16.60          |
| 52T    |       | 5795           | 159 | 4.167                | 17.32          | 7.818          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | 16.68                | 17.36          | 16.62          |
| 106T   |       | 5795           | 159 | 16.67                | 17.36          | 16.83          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | 18.88                | -              | 18.90          |
| 242T   |       | 5795           | 159 | 18.92                | -              | 18.91          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.19          | -              |
| 484T   |       | 5795           | 159 | -                    | 38.21          | -              |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.20          | -              |
| SU     |       | 5795           | 159 | -                    | 38.19          | -              |

| Mode        | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|-------------|-------|----------------|-----|----------------------|----------------|----------------|
|             |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|             |       |                |     | ANT1                 | ANT1           | ANT1           |
| [HE80] 26T  | UNII3 | 5775           | 155 | 2.221                | 2.800          | 2.257          |
| [HE80] 52T  | UNII3 | 5775           | 155 | 16.62                | 4.206          | 7.948          |
| [HE80] 106T | UNII3 | 5775           | 155 | 16.77                | 16.49          | 16.84          |
| [HE80] 242T | UNII3 | 5775           | 155 | 18.95                | 37.07          | 18.98          |
| [HE80] 484T | UNII3 | 5775           | 155 | 37.84                | -              | 38.00          |
| [HE80] 996T | UNII3 | 5775           | 155 | -                    | 78.21          | -              |
| [HE80] SU   | UNII3 | 5775           | 155 | -                    | 78.24          | -              |

### 10.3.3 MIMO Ant. 2

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>26T | UNII3 | 5745           | 149 | 2.105                | 2.680          | 2.070          |
|               |       | 5785           | 157 | 2.119                | 2.696          | 2.113          |
|               |       | 5825           | 165 | 2.115                | 2.634          | 2.081          |

| Mode          | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|---------------|-------|----------------|-----|----------------------|----------------|----------------|
|               |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|               |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>52T | UNII3 | 5745           | 149 | 17.06                | 15.03          | 17.02          |
|               |       | 5785           | 157 | 14.49                | 12.88          | 15.85          |
|               |       | 5825           | 165 | 17.05                | 15.03          | 17.06          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>106T | UNII3 | 5745           | 149 | 17.17                | -              | 17.79          |
|                |       | 5785           | 157 | 17.18                | -              | 17.18          |
|                |       | 5825           | 165 | 17.19                | -              | 17.18          |

| Mode           | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|----------------|-------|----------------|-----|----------------------|----------------|----------------|
|                |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|                |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>242T | UNII3 | 5745           | 149 | -                    | 19.12          | -              |
|                |       | 5785           | 157 | -                    | 19.13          | -              |
|                |       | 5825           | 165 | -                    | 19.07          | -              |

| Mode         | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------------|-------|----------------|-----|----------------------|----------------|----------------|
|              |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|              |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE20]<br>SU | UNII3 | 5745           | 149 | -                    | 19.13          | -              |
|              |       | 5785           | 157 | -                    | 19.15          | -              |
|              |       | 5825           | 165 | -                    | 19.06          | -              |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 2.150                | 2.124          | 2.125          |
| 26T    |       | 5795           | 159 | 2.148                | 2.108          | 2.182          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 14.09                | 16.07          | 16.63          |
| 52T    |       | 5795           | 159 | 16.55                | 17.34          | 14.14          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 16.64                | 17.57          | 17.23          |
| 106T   |       | 5795           | 159 | 16.66                | 17.35          | 17.21          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | 18.93                | -              | 18.89          |
| 242T   |       | 5795           | 159 | 18.90                | -              | 18.88          |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.17          | -              |
| 484T   |       | 5795           | 159 | -                    | 38.21          | -              |

| Mode   | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|--------|-------|----------------|-----|----------------------|----------------|----------------|
|        |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|        |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE40] | UNII3 | 5755           | 151 | -                    | 38.23          | -              |
| SU     |       | 5795           | 159 | -                    | 38.20          | -              |

| Mode        | Band  | Freq.<br>[MHz] | CH. | 6 dB Bandwidth [MHz] |                |                |
|-------------|-------|----------------|-----|----------------------|----------------|----------------|
|             |       |                |     | RU Index : Low       | RU Index : Low | RU Index : Low |
|             |       |                |     | ANT2                 | ANT2           | ANT2           |
| [HE80] 26T  | UNII3 | 5775           | 155 | 2.230                | 2.798          | 2.232          |
| [HE80] 52T  | UNII3 | 5775           | 155 | 15.45                | 16.27          | 14.17          |
| [HE80] 106T | UNII3 | 5775           | 155 | 16.77                | 16.49          | 17.36          |
| [HE80] 242T | UNII3 | 5775           | 155 | 18.96                | 37.62          | 19.01          |
| [HE80] 484T | UNII3 | 5775           | 155 | 37.88                | -              | 37.99          |
| [HE80] 996T | UNII3 | 5775           | 155 | -                    | 78.23          | -              |
| [HE80] SU   | UNII3 | 5775           | 155 | -                    | 78.27          | -              |

## 10.4 OUTPUT POWER MEASUREMENT

Straddle channel data in the table below are for reporting purposes only.

Straddle channel data were added in section 10.6.3.

# Limit

(UNII 1) : 23.98 dBm

(UNII 2A, 2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)

(UNII 3) : 30.00 dBm

### 10.4.1 SISO Ant. 2

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 6.62                      | 6.80           | 7.23            |
|               |        | 5200           | 40  | 7.05                      | 7.24           | 7.61            |
|               |        | 5240           | 48  | 4.02                      | 4.10           | 4.40            |
|               | UNII2A | 5260           | 52  | 7.81                      | 7.93           | 8.24            |
|               |        | 5300           | 60  | 7.76                      | 7.91           | 8.23            |
|               |        | 5320           | 64  | 6.22                      | 6.35           | 6.66            |
|               | UNII2C | 5500           | 100 | 5.12                      | 4.82           | 4.68            |
|               |        | 5600           | 120 | 7.89                      | 7.52           | 7.42            |
|               |        | 5660           | 132 | 5.06                      | 4.75           | 4.65            |
|               |        | 5720           | 144 | 8.64                      | 8.26           | 8.11            |
|               | UNII3  | 5745           | 149 | 8.88                      | 8.58           | 8.40            |
|               |        | 5785           | 157 | 8.40                      | 7.98           | 7.84            |
|               |        | 5825           | 165 | 8.38                      | 8.12           | 8.02            |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 7.02                      | 7.13           | 7.64            |
|               |        | 5200           | 40  | 7.06                      | 7.14           | 7.58            |
|               |        | 5240           | 48  | 3.90                      | 3.96           | 4.32            |
|               | UNII2A | 5260           | 52  | 7.83                      | 7.86           | 8.19            |
|               |        | 5300           | 60  | 8.03                      | 8.07           | 8.42            |
|               |        | 5320           | 64  | 6.09                      | 6.13           | 6.48            |
|               | UNII2C | 5500           | 100 | 5.01                      | 4.84           | 4.67            |
|               |        | 5600           | 120 | 7.84                      | 7.65           | 7.43            |
|               |        | 5660           | 132 | 5.01                      | 4.84           | 4.63            |
|               |        | 5720           | 144 | 8.59                      | 8.37           | 8.13            |
|               | UNII3  | 5745           | 149 | 8.61                      | 8.43           | 8.21            |
|               |        | 5785           | 157 | 8.66                      | 8.42           | 8.12            |
|               |        | 5825           | 165 | 8.59                      | 8.42           | 8.27            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE20]<br>106T | UNII1  | 5180           | 36  | 7.17                      | -              | 7.63            |
|                |        | 5200           | 40  | 7.19                      | -              | 7.58            |
|                |        | 5240           | 48  | 3.99                      | -              | 4.29            |
|                | UNII2A | 5260           | 52  | 7.70                      | -              | 7.90            |
|                |        | 5300           | 60  | 7.89                      | -              | 8.18            |
|                |        | 5320           | 64  | 6.36                      | -              | 6.64            |
|                | UNII2C | 5500           | 100 | 5.00                      | -              | 4.75            |
|                |        | 5600           | 120 | 8.13                      | -              | 7.82            |
|                |        | 5660           | 132 | 4.97                      | -              | 4.71            |
|                |        | 5720           | 144 | 8.61                      | -              | 8.27            |
|                | UNII3  | 5745           | 149 | 9.14                      | -              | 8.83            |
|                |        | 5785           | 157 | 8.61                      | -              | 8.23            |
|                |        | 5825           | 165 | 8.74                      | -              | 8.53            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                         | 7.68           | -               |
|                |        | 5200           | 40  | -                         | 7.67           | -               |
|                |        | 5240           | 48  | -                         | 4.22           | -               |
|                | UNII2A | 5260           | 52  | -                         | 8.33           | -               |
|                |        | 5300           | 60  | -                         | 8.32           | -               |
|                |        | 5320           | 64  | -                         | 6.23           | -               |
|                | UNII2C | 5500           | 100 | -                         | 4.97           | -               |
|                |        | 5600           | 120 | -                         | 8.06           | -               |
|                |        | 5660           | 132 | -                         | 4.95           | -               |
|                |        | 5720           | 144 | -                         | 8.85           | -               |
|                | UNII3  | 5745           | 149 | -                         | 9.33           | -               |
|                |        | 5785           | 157 | -                         | 8.54           | -               |
|                |        | 5825           | 165 | -                         | 8.50           | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|--------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE20]<br>SU | UNII1  | 5180           | 36  | -                         | 13.16          | -               |
|              |        | 5200           | 40  | -                         | 13.46          | -               |
|              |        | 5240           | 48  | -                         | 13.97          | -               |
|              | UNII2A | 5260           | 52  | -                         | 14.03          | -               |
|              |        | 5300           | 60  | -                         | 13.95          | -               |
|              |        | 5320           | 64  | -                         | 11.93          | -               |
|              | UNII2C | 5500           | 100 | -                         | 13.35          | -               |
|              |        | 5600           | 120 | -                         | 13.75          | -               |
|              |        | 5720           | 144 | -                         | 14.51          | -               |
|              | UNII3  | 5745           | 149 | -                         | 14.46          | -               |
|              |        | 5785           | 157 | -                         | 14.11          | -               |
|              |        | 5825           | 165 | -                         | 14.47          | -               |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>26T | UNII1  | 5190           | 38  | 6.27                      | 6.93           | 7.74            |
|               |        | 5230           | 46  | 1.50                      | 1.94           | 2.56            |
|               | UNII2A | 5270           | 54  | 7.81                      | 8.10           | 8.78            |
|               |        | 5310           | 62  | 6.52                      | 6.95           | 7.55            |
|               | UNII2C | 5510           | 102 | 5.57                      | 4.94           | 4.79            |
|               |        | 5590           | 118 | 8.88                      | 8.06           | 7.80            |
|               |        | 5670           | 134 | 5.71                      | 4.89           | 4.62            |
|               |        | 5710           | 142 | 9.15                      | 8.46           | 8.18            |
|               | UNII3  | 5755           | 151 | 9.06                      | 8.26           | 7.85            |
|               |        | 5795           | 159 | 9.01                      | 8.20           | 7.93            |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>52T | UNII1  | 5190           | 38  | 6.21                      | 6.85           | 7.60            |
|               |        | 5230           | 46  | 1.40                      | 1.90           | 2.48            |
|               | UNII2A | 5270           | 54  | 7.63                      | 7.92           | 8.51            |
|               |        | 5310           | 62  | 6.65                      | 7.03           | 7.61            |
|               | UNII2C | 5510           | 102 | 5.55                      | 5.14           | 4.87            |
|               |        | 5590           | 118 | 8.30                      | 7.47           | 7.28            |
|               |        | 5670           | 134 | 5.71                      | 4.81           | 4.53            |
|               |        | 5710           | 142 | 9.17                      | 8.44           | 8.21            |
|               | UNII3  | 5755           | 151 | 9.28                      | 8.55           | 8.49            |
|               |        | 5795           | 159 | 9.15                      | 8.23           | 8.02            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>106T | UNII1  | 5190           | 38  | 6.41                      | 6.69           | 7.62            |
|                |        | 5230           | 46  | 1.65                      | 1.80           | 2.50            |
|                | UNII2A | 5270           | 54  | 7.51                      | 7.60           | 8.29            |
|                |        | 5310           | 62  | 6.81                      | 6.94           | 7.63            |
|                | UNII2C | 5510           | 102 | 5.51                      | 5.11           | 4.83            |
|                |        | 5590           | 118 | 8.64                      | 8.11           | 7.70            |
|                |        | 5670           | 134 | 5.60                      | 5.08           | 4.63            |
|                |        | 5710           | 142 | 9.29                      | 8.83           | 8.42            |
|                | UNII3  | 5755           | 151 | 9.49                      | 9.05           | 8.56            |
|                |        | 5795           | 159 | 8.57                      | 8.06           | 7.70            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>242T | UNII1  | 5190           | 38  | 7.05                      | -              | 7.85            |
|                |        | 5230           | 46  | 1.72                      | -              | 2.35            |
|                | UNII2A | 5270           | 54  | 7.90                      | -              | 8.40            |
|                |        | 5310           | 62  | 6.96                      | -              | 7.50            |
|                | UNII2C | 5510           | 102 | 5.40                      | -              | 4.97            |
|                |        | 5590           | 118 | 8.20                      | -              | 7.58            |
|                |        | 5670           | 134 | 5.47                      | -              | 5.81            |
|                |        | 5710           | 142 | 9.06                      | -              | 8.49            |
|                | UNII3  | 5755           | 151 | 8.95                      | -              | 8.34            |
|                |        | 5795           | 159 | 8.61                      | -              | 8.03            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                         | 7.38           | -               |
|                |        | 5230           | 46  | -                         | 2.22           | -               |
|                | UNII2A | 5270           | 54  | -                         | 8.36           | -               |
|                |        | 5310           | 62  | -                         | 7.70           | -               |
|                | UNII2C | 5510           | 102 | -                         | 5.42           | -               |
|                |        | 5590           | 118 | -                         | 8.77           | -               |
|                |        | 5670           | 134 | -                         | 5.40           | -               |
|                |        | 5710           | 142 | -                         | 9.17           | -               |
|                | UNII3  | 5755           | 151 | -                         | 8.89           | -               |
|                |        | 5795           | 159 | -                         | 8.39           | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|--------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                         | 11.29          | -               |
|              |        | 5230           | 46  | -                         | 11.92          | -               |
|              | UNII2A | 5270           | 54  | -                         | 12.07          | -               |
|              |        | 5310           | 62  | -                         | 9.05           | -               |
|              | UNII2C | 5510           | 102 | -                         | 11.56          | -               |
|              |        | 5590           | 118 | -                         | 12.17          | -               |
|              |        | 5710           | 142 | -                         | 12.95          | -               |
|              | UNII3  | 5755           | 151 | -                         | 12.93          | -               |
|              |        | 5795           | 159 | -                         | 12.30          | -               |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>26T | UNII1  | 5210           | 42  | 1.65                      | 2.74           | 4.55            |
|               | UNII2A | 5290           | 58  | 7.31                      | 7.91           | 9.51            |
|               | UNII2C | 5530           | 106 | 5.48                      | 4.11           | 3.39            |
|               |        | 5610           | 122 | 9.66                      | 8.13           | 7.69            |
|               |        | 5690           | 138 | 5.31                      | 4.15           | 3.75            |
|               | UNII3  | 5775           | 155 | 9.66                      | 7.96           | 7.36            |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|---------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>52T | UNII1  | 5210           | 42  | 1.51                      | 2.81           | 4.50            |
|               | UNII2A | 5290           | 58  | 7.29                      | 8.10           | 9.48            |
|               | UNII2C | 5530           | 106 | 5.35                      | 4.08           | 3.37            |
|               |        | 5610           | 122 | 9.55                      | 8.02           | 7.62            |
|               |        | 5690           | 138 | 5.29                      | 4.01           | 3.73            |
|               | UNII3  | 5775           | 155 | 9.52                      | 7.79           | 7.29            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>106T | UNII1  | 5210           | 42  | 1.59                      | 3.01           | 4.43            |
|                | UNII2A | 5290           | 58  | 7.26                      | 8.12           | 9.29            |
|                | UNII2C | 5530           | 106 | 5.26                      | 4.11           | 3.45            |
|                |        | 5610           | 122 | 9.40                      | 8.04           | 7.66            |
|                |        | 5690           | 138 | 5.23                      | 4.09           | 3.76            |
|                | UNII3  | 5775           | 155 | 9.49                      | 7.83           | 7.31            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>242T | UNII1  | 5210           | 42  | 1.69                      | 2.40           | 4.13            |
|                | UNII2A | 5290           | 58  | 7.22                      | 7.64           | 8.97            |
|                | UNII2C | 5530           | 106 | 5.03                      | 4.52           | 3.56            |
|                |        | 5610           | 122 | 9.07                      | 8.42           | 7.65            |
|                |        | 5690           | 138 | 5.01                      | 4.49           | 3.76            |
|                | UNII3  | 5775           | 155 | 9.24                      | 8.52           | 7.28            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>484T | UNII1  | 5210           | 42  | 2.35                      | -              | 4.02            |
|                | UNII2A | 5290           | 58  | 7.54                      | -              | 8.75            |
|                | UNII2C | 5530           | 106 | 4.80                      | -              | 3.84            |
|                |        | 5610           | 122 | 8.89                      | -              | 7.96            |
|                |        | 5690           | 138 | 5.04                      | -              | 4.19            |
|                | UNII3  | 5775           | 155 | 9.06                      | -              | 7.70            |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|----------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                         | 2.62           | -               |
|                | UNII2A | 5290           | 58  | -                         | 7.67           | -               |
|                | UNII2C | 5530           | 106 | -                         | 4.05           | -               |
|                |        | 5610           | 122 | -                         | 8.01           | -               |
|                |        | 5690           | 138 | -                         | 4.08           | -               |
|                | UNII3  | 5775           | 155 | -                         | 7.99           | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |                |                 |
|--------------|--------|----------------|-----|---------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low            | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                      | ANT2           | ANT2            |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                         | 10.72          | -               |
|              | UNII2A | 5290           | 58  | -                         | 9.83           | -               |
|              | UNII2C | 5530           | 106 | -                         | 10.41          | -               |
|              |        | 5610           | 122 | -                         | 12.13          | -               |
|              |        | 5690           | 138 | -                         | 12.63          | -               |
|              | UNII3  | 5775           | 155 | -                         | 12.23          | -               |

### 10.4.2 MIMO(Ant 1 + Ant 2)

# Ant Total Power [dBm] = Measured Power [dBm] + Duty Cycle Factor [dB]

# MIMO Total Power [dBm] = Ant.1 Total Power [dBm] + Ant.2 Total Power [dB]

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|---------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|               |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|               |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 7.33                      | 6.99 | 10.17 | 7.54           | 7.12 | 10.34 | 7.96            | 7.47 | 10.73 |
|               |        | 5200           | 40  | 7.62                      | 6.96 | 10.31 | 7.89           | 7.18 | 10.56 | 8.31            | 7.50 | 10.93 |
|               |        | 5240           | 48  | 4.53                      | 4.46 | 7.50  | 4.64           | 4.57 | 7.62  | 4.97            | 4.86 | 7.92  |
|               | UNII2A | 5260           | 52  | 7.63                      | 7.67 | 10.66 | 7.79           | 7.78 | 10.80 | 8.22            | 8.05 | 11.14 |
|               |        | 5300           | 60  | 7.38                      | 7.87 | 10.64 | 7.77           | 8.05 | 10.92 | 8.27            | 8.32 | 11.31 |
|               |        | 5320           | 64  | 7.29                      | 6.70 | 10.01 | 7.58           | 6.87 | 10.25 | 7.97            | 7.16 | 10.59 |
|               | UNII2C | 5500           | 100 | 3.71                      | 4.00 | 6.87  | 3.55           | 3.73 | 6.65  | 3.69            | 3.62 | 6.67  |
|               |        | 5600           | 120 | 7.71                      | 6.84 | 10.30 | 7.44           | 6.51 | 10.01 | 7.35            | 6.40 | 9.91  |
|               |        | 5660           | 132 | 3.48                      | 4.41 | 6.98  | 3.09           | 4.05 | 6.61  | 2.87            | 3.85 | 6.40  |
|               |        | 5720           | 144 | 7.71                      | 7.90 | 10.82 | 7.27           | 7.54 | 10.42 | 7.04            | 7.38 | 10.23 |
|               | UNII3  | 5745           | 149 | 7.58                      | 7.40 | 10.50 | 7.19           | 7.08 | 10.14 | 6.92            | 6.90 | 9.92  |
|               |        | 5785           | 157 | 7.53                      | 7.26 | 10.40 | 7.11           | 6.84 | 9.98  | 6.91            | 6.65 | 9.79  |
|               |        | 5825           | 165 | 7.46                      | 8.78 | 11.18 | 7.05           | 8.58 | 10.90 | 6.86            | 8.46 | 10.75 |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|---------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|               |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|               |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 7.37                      | 7.72 | 10.56 | 7.50           | 7.84 | 10.68 | 8.08            | 8.35 | 11.22 |
|               |        | 5200           | 40  | 7.43                      | 7.54 | 10.49 | 7.55           | 7.62 | 10.60 | 8.09            | 8.05 | 11.08 |
|               |        | 5240           | 48  | 4.54                      | 4.45 | 7.50  | 4.60           | 4.51 | 7.57  | 5.02            | 4.86 | 7.95  |
|               | UNII2A | 5260           | 52  | 7.94                      | 7.95 | 10.96 | 7.99           | 7.98 | 11.00 | 8.45            | 8.30 | 11.39 |
|               |        | 5300           | 60  | 7.94                      | 7.95 | 10.95 | 8.08           | 7.99 | 11.05 | 8.70            | 8.34 | 11.54 |
|               |        | 5320           | 64  | 7.51                      | 6.33 | 9.97  | 7.61           | 6.38 | 10.05 | 8.10            | 6.73 | 10.48 |
|               | UNII2C | 5500           | 100 | 3.81                      | 4.02 | 6.93  | 3.74           | 3.84 | 6.80  | 3.72            | 3.68 | 6.71  |
|               |        | 5600           | 120 | 7.75                      | 6.67 | 10.25 | 7.58           | 6.49 | 10.08 | 7.40            | 6.28 | 9.88  |
|               |        | 5660           | 132 | 3.43                      | 4.40 | 6.95  | 3.21           | 4.23 | 6.76  | 2.92            | 3.93 | 6.46  |
|               |        | 5720           | 144 | 7.39                      | 7.37 | 10.39 | 7.16           | 7.18 | 10.18 | 6.80            | 6.92 | 9.87  |
|               | UNII3  | 5745           | 149 | 7.72                      | 7.61 | 10.67 | 7.49           | 7.45 | 10.48 | 7.14            | 7.20 | 10.18 |
|               |        | 5785           | 157 | 7.45                      | 7.46 | 10.47 | 7.21           | 7.25 | 10.24 | 6.91            | 6.96 | 9.94  |
|               |        | 5825           | 165 | 7.45                      | 9.03 | 11.32 | 7.22           | 8.88 | 11.14 | 6.93            | 8.74 | 10.94 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |      |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |      | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO | ANT1            | ANT2 | MIMO  |
| [HE20]<br>106T | UNII1  | 5180           | 36  | 7.52                      | 7.69 | 10.62 | -              | -    | -    | 8.04            | 8.12 | 11.09 |
|                |        | 5200           | 40  | 7.58                      | 7.45 | 10.53 | -              | -    | -    | 8.06            | 7.82 | 10.95 |
|                |        | 5240           | 48  | 4.62                      | 4.56 | 7.60  | -              | -    | -    | 4.99            | 4.85 | 7.93  |
|                | UNII2A | 5260           | 52  | 7.93                      | 7.85 | 10.90 | -              | -    | -    | 8.18            | 7.96 | 11.08 |
|                |        | 5300           | 60  | 7.74                      | 8.17 | 10.97 | -              | -    | -    | 8.30            | 8.42 | 11.37 |
|                |        | 5320           | 64  | 7.58                      | 6.66 | 10.15 | -              | -    | -    | 8.01            | 6.92 | 10.51 |
|                | UNII2C | 5500           | 100 | 3.89                      | 4.06 | 6.99  | -              | -    | -    | 3.82            | 3.83 | 6.83  |
|                |        | 5600           | 120 | 8.07                      | 6.63 | 10.42 | -              | -    | -    | 7.82            | 6.33 | 10.15 |
|                |        | 5660           | 132 | 3.51                      | 4.45 | 7.01  | -              | -    | -    | 3.14            | 4.07 | 6.64  |
|                |        | 5720           | 144 | 7.90                      | 7.30 | 10.62 | -              | -    | -    | 7.47            | 6.98 | 10.25 |
|                | UNII3  | 5745           | 149 | 7.93                      | 8.22 | 11.09 | -              | -    | -    | 7.46            | 7.92 | 10.71 |
|                |        | 5785           | 157 | 7.69                      | 7.23 | 10.48 | -              | -    | -    | 7.31            | 6.86 | 10.10 |
|                |        | 5825           | 165 | 7.80                      | 8.66 | 11.26 | -              | -    | -    | 7.40            | 8.43 | 10.95 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |      |       |                 |      |      |
|----------------|--------|----------------|-----|---------------------------|------|------|----------------|------|-------|-----------------|------|------|
|                |        |                |     | RU Index : Low            |      |      | RU Index : Mid |      |       | RU Index : High |      |      |
|                |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                         | -    | -    | 7.86           | 7.66 | 10.77 | -               | -    | -    |
|                |        | 5200           | 40  | -                         | -    | -    | 7.88           | 7.70 | 10.80 | -               | -    | -    |
|                |        | 5240           | 48  | -                         | -    | -    | 4.89           | 4.80 | 7.86  | -               | -    | -    |
|                | UNII2A | 5260           | 52  | -                         | -    | -    | 7.99           | 8.10 | 11.06 | -               | -    | -    |
|                |        | 5300           | 60  | -                         | -    | -    | 8.08           | 8.38 | 11.24 | -               | -    | -    |
|                |        | 5320           | 64  | -                         | -    | -    | 7.86           | 6.87 | 10.41 | -               | -    | -    |
|                | UNII2C | 5500           | 100 | -                         | -    | -    | 4.05           | 4.09 | 7.08  | -               | -    | -    |
|                |        | 5600           | 120 | -                         | -    | -    | 8.01           | 6.67 | 10.40 | -               | -    | -    |
|                |        | 5660           | 132 | -                         | -    | -    | 3.54           | 4.45 | 7.03  | -               | -    | -    |
|                |        | 5720           | 144 | -                         | -    | -    | 7.95           | 7.51 | 10.74 | -               | -    | -    |
|                | UNII3  | 5745           | 149 | -                         | -    | -    | 7.97           | 7.53 | 10.77 | -               | -    | -    |
|                |        | 5785           | 157 | -                         | -    | -    | 7.60           | 7.74 | 10.68 | -               | -    | -    |
|                |        | 5825           | 165 | -                         | -    | -    | 7.38           | 8.57 | 11.03 | -               | -    | -    |

| Mode             | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |       |       |                 |      |      |
|------------------|--------|----------------|-----|---------------------------|------|------|----------------|-------|-------|-----------------|------|------|
|                  |        |                |     | RU Index : Low            |      |      | RU Index : Mid |       |       | RU Index : High |      |      |
|                  |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2  | MIMO  | ANT1            | ANT2 | MIMO |
| [HE20]<br><br>SU | UNII1  | 5180           | 36  | -                         | -    | -    | 13.34          | 13.63 | 16.50 | -               | -    | -    |
|                  |        | 5200           | 40  | -                         | -    | -    | 13.54          | 13.81 | 16.69 | -               | -    | -    |
|                  |        | 5240           | 48  | -                         | -    | -    | 13.60          | 14.00 | 16.81 | -               | -    | -    |
|                  | UNII2A | 5260           | 52  | -                         | -    | -    | 13.98          | 13.93 | 16.96 | -               | -    | -    |
|                  |        | 5300           | 60  | -                         | -    | -    | 13.80          | 14.14 | 16.98 | -               | -    | -    |
|                  |        | 5320           | 64  | -                         | -    | -    | 13.29          | 12.86 | 16.09 | -               | -    | -    |
|                  | UNII2C | 5500           | 100 | -                         | -    | -    | 12.50          | 12.18 | 15.35 | -               | -    | -    |
|                  |        | 5600           | 120 | -                         | -    | -    | 13.64          | 12.88 | 16.29 | -               | -    | -    |
|                  |        | 5720           | 144 | -                         | -    | -    | 13.63          | 13.40 | 16.52 | -               | -    | -    |
|                  | UNII3  | 5745           | 149 | -                         | -    | -    | 13.61          | 13.38 | 16.51 | -               | -    | -    |
|                  |        | 5785           | 157 | -                         | -    | -    | 13.52          | 13.10 | 16.33 | -               | -    | -    |
|                  |        | 5825           | 165 | -                         | -    | -    | 13.24          | 14.42 | 16.88 | -               | -    | -    |

| Mode              | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|-------------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|                   |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|                   |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE40]<br><br>26T | UNII1  | 5190           | 38  | 6.88                      | 6.50 | 9.70  | 7.69           | 7.12 | 10.43 | 8.63            | 7.97 | 11.32 |
|                   |        | 5230           | 46  | 3.44                      | 2.60 | 6.05  | 3.99           | 2.93 | 6.51  | 4.63            | 3.47 | 7.10  |
|                   | UNII2A | 5270           | 54  | 7.05                      | 7.74 | 10.42 | 7.48           | 8.02 | 10.77 | 8.41            | 8.66 | 11.55 |
|                   |        | 5310           | 62  | 7.08                      | 6.73 | 9.92  | 7.93           | 7.12 | 10.55 | 8.90            | 7.68 | 11.34 |
|                   | UNII2C | 5510           | 102 | 4.54                      | 4.00 | 7.29  | 4.15           | 3.46 | 6.83  | 3.95            | 3.30 | 6.64  |
|                   |        | 5590           | 118 | 8.12                      | 7.50 | 10.83 | 7.53           | 6.74 | 10.16 | 7.40            | 6.45 | 9.96  |
|                   |        | 5670           | 134 | 3.45                      | 4.09 | 6.79  | 2.65           | 3.57 | 6.15  | 2.32            | 3.37 | 5.89  |
|                   |        | 5710           | 142 | 8.36                      | 7.88 | 11.14 | 7.70           | 7.21 | 10.47 | 7.26            | 6.96 | 10.12 |
|                   | UNII3  | 5755           | 151 | 8.27                      | 8.17 | 11.23 | 7.28           | 7.46 | 10.38 | 6.73            | 7.10 | 9.93  |
|                   |        | 5795           | 159 | 7.95                      | 8.25 | 11.11 | 7.06           | 7.47 | 10.28 | 6.69            | 7.22 | 9.98  |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|---------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|               |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|               |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE40]<br>52T | UNII1  | 5190           | 38  | 7.18                      | 6.81 | 10.01 | 7.99           | 7.48 | 10.75 | 8.85            | 8.20 | 11.55 |
|               |        | 5230           | 46  | 3.20                      | 2.39 | 5.82  | 3.87           | 2.89 | 6.42  | 4.52            | 3.44 | 7.03  |
|               | UNII2A | 5270           | 54  | 6.85                      | 7.51 | 10.20 | 7.36           | 7.83 | 10.61 | 8.16            | 8.38 | 11.28 |
|               |        | 5310           | 62  | 7.15                      | 7.06 | 10.12 | 8.04           | 7.45 | 10.76 | 8.90            | 7.99 | 11.48 |
|               | UNII2C | 5510           | 102 | 4.46                      | 4.08 | 7.28  | 4.80           | 4.11 | 7.48  | 4.36            | 3.68 | 7.04  |
|               |        | 5590           | 118 | 7.72                      | 7.54 | 10.64 | 7.17           | 6.77 | 9.98  | 7.05            | 6.58 | 9.83  |
|               |        | 5670           | 134 | 3.67                      | 4.36 | 7.04  | 2.81           | 3.71 | 6.29  | 2.48            | 3.54 | 6.05  |
|               |        | 5710           | 142 | 8.53                      | 7.82 | 11.20 | 7.81           | 7.17 | 10.51 | 7.43            | 6.95 | 10.20 |
|               | UNII3  | 5755           | 151 | 8.03                      | 7.56 | 10.81 | 7.08           | 6.85 | 9.98  | 7.27            | 7.11 | 10.20 |
|               |        | 5795           | 159 | 7.51                      | 7.87 | 10.70 | 6.56           | 6.97 | 9.78  | 6.11            | 6.69 | 9.42  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE40]<br>106T | UNII1  | 5190           | 38  | 7.44                      | 7.26 | 10.36 | 7.80           | 7.55 | 10.69 | 8.90            | 8.46 | 11.70 |
|                |        | 5230           | 46  | 3.42                      | 2.71 | 6.09  | 3.74           | 2.79 | 6.30  | 4.58            | 3.44 | 7.06  |
|                | UNII2A | 5270           | 54  | 7.28                      | 8.02 | 10.67 | 7.48           | 8.11 | 10.82 | 8.43            | 8.79 | 11.62 |
|                |        | 5310           | 62  | 7.09                      | 6.99 | 10.05 | 7.51           | 7.13 | 10.33 | 8.62            | 7.81 | 11.25 |
|                | UNII2C | 5510           | 102 | 4.62                      | 4.19 | 7.42  | 4.41           | 3.83 | 7.14  | 4.25            | 3.60 | 6.95  |
|                |        | 5590           | 118 | 7.91                      | 7.35 | 10.65 | 7.53           | 6.85 | 10.21 | 7.29            | 6.47 | 9.91  |
|                |        | 5670           | 134 | 3.61                      | 4.32 | 6.99  | 3.12           | 3.95 | 6.57  | 2.68            | 3.69 | 6.22  |
|                |        | 5710           | 142 | 8.65                      | 8.08 | 11.39 | 8.21           | 7.67 | 10.96 | 7.66            | 7.29 | 10.49 |
|                | UNII3  | 5755           | 151 | 8.08                      | 7.90 | 11.00 | 7.49           | 7.47 | 10.49 | 6.84            | 6.97 | 9.91  |
|                |        | 5795           | 159 | 8.09                      | 8.44 | 11.28 | 7.58           | 7.96 | 10.78 | 7.07            | 7.59 | 10.34 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |      |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |      | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO | ANT1            | ANT2 | MIMO  |
| [HE40]<br>242T | UNII1  | 5190           | 38  | 7.52                      | 7.11 | 10.33 | -              | -    | -    | 8.50            | 7.93 | 11.23 |
|                |        | 5230           | 46  | 3.57                      | 2.73 | 6.18  | -              | -    | -    | 4.41            | 3.34 | 6.92  |
|                | UNII2A | 5270           | 54  | 7.28                      | 7.89 | 10.61 | -              | -    | -    | 8.06            | 8.43 | 11.26 |
|                |        | 5310           | 62  | 7.49                      | 7.52 | 10.51 | -              | -    | -    | 8.50            | 8.07 | 11.30 |
|                | UNII2C | 5510           | 102 | 4.70                      | 4.22 | 7.48  | -              | -    | -    | 4.48            | 3.85 | 7.19  |
|                |        | 5590           | 118 | 8.39                      | 6.93 | 10.73 | -              | -    | -    | 7.98            | 6.37 | 10.25 |
|                |        | 5670           | 134 | 3.58                      | 4.33 | 6.98  | -              | -    | -    | 2.98            | 5.23 | 7.26  |
|                |        | 5710           | 142 | 8.37                      | 8.44 | 11.41 | -              | -    | -    | 7.72            | 7.93 | 10.84 |
|                | UNII3  | 5755           | 151 | 8.40                      | 8.02 | 11.23 | -              | -    | -    | 7.58            | 7.40 | 10.50 |
|                |        | 5795           | 159 | 8.15                      | 8.50 | 11.34 | -              | -    | -    | 7.49            | 7.92 | 10.72 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |      |       |                 |      |      |
|----------------|--------|----------------|-----|---------------------------|------|------|----------------|------|-------|-----------------|------|------|
|                |        |                |     | RU Index : Low            |      |      | RU Index : Mid |      |       | RU Index : High |      |      |
|                |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                         | -    | -    | 8.20           | 7.93 | 11.08 | -               | -    | -    |
|                |        | 5230           | 46  | -                         | -    | -    | 4.23           | 3.15 | 6.73  | -               | -    | -    |
|                | UNII2A | 5270           | 54  | -                         | -    | -    | 8.45           | 8.35 | 11.42 | -               | -    | -    |
|                |        | 5310           | 62  | -                         | -    | -    | 8.22           | 7.73 | 10.99 | -               | -    | -    |
|                | UNII2C | 5510           | 102 | -                         | -    | -    | 4.93           | 4.26 | 7.62  | -               | -    | -    |
|                |        | 5590           | 118 | -                         | -    | -    | 8.52           | 7.70 | 11.14 | -               | -    | -    |
|                |        | 5670           | 134 | -                         | -    | -    | 3.58           | 4.36 | 7.00  | -               | -    | -    |
|                |        | 5710           | 142 | -                         | -    | -    | 9.05           | 8.07 | 11.60 | -               | -    | -    |
|                | UNII3  | 5755           | 151 | -                         | -    | -    | 8.35           | 8.42 | 11.40 | -               | -    | -    |
|                |        | 5795           | 159 | -                         | -    | -    | 7.87           | 8.15 | 11.02 | -               | -    | -    |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |       |       |                 |      |      |
|--------------|--------|----------------|-----|---------------------------|------|------|----------------|-------|-------|-----------------|------|------|
|              |        |                |     | RU Index : Low            |      |      | RU Index : Mid |       |       | RU Index : High |      |      |
|              |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2  | MIMO  | ANT1            | ANT2 | MIMO |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                         | -    | -    | 11.92          | 11.96 | 14.95 | -               | -    | -    |
|              |        | 5230           | 46  | -                         | -    | -    | 12.15          | 12.37 | 15.27 | -               | -    | -    |
|              | UNII2A | 5270           | 54  | -                         | -    | -    | 11.46          | 12.47 | 15.00 | -               | -    | -    |
|              |        | 5310           | 62  | -                         | -    | -    | 9.79           | 10.03 | 12.92 | -               | -    | -    |
|              | UNII2C | 5510           | 102 | -                         | -    | -    | 11.19          | 11.02 | 14.12 | -               | -    | -    |
|              |        | 5590           | 118 | -                         | -    | -    | 11.91          | 11.46 | 14.70 | -               | -    | -    |
|              |        | 5710           | 142 | -                         | -    | -    | 12.54          | 12.05 | 15.31 | -               | -    | -    |
|              | UNII3  | 5755           | 151 | -                         | -    | -    | 12.23          | 11.75 | 15.00 | -               | -    | -    |
|              |        | 5795           | 159 | -                         | -    | -    | 12.41          | 11.98 | 15.21 | -               | -    | -    |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|---------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|               |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|               |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE80]<br>26T | UNII1  | 5210           | 42  | 1.29                      | 0.74 | 4.04  | 2.84           | 2.07 | 5.48  | 4.76            | 3.79 | 7.31  |
|               | UNII2A | 5290           | 58  | 5.54                      | 7.21 | 9.46  | 6.55           | 8.04 | 10.36 | 8.45            | 9.51 | 12.02 |
|               | UNII2C | 5530           | 106 | 3.26                      | 3.99 | 6.65  | 2.32           | 2.95 | 5.66  | 1.47            | 2.15 | 4.83  |
|               |        | 5610           | 122 | 7.74                      | 7.68 | 10.72 | 6.63           | 6.42 | 9.53  | 5.86            | 5.92 | 8.90  |
|               |        | 5690           | 138 | 2.89                      | 4.39 | 6.72  | 1.26           | 2.99 | 5.22  | 0.18            | 2.33 | 4.40  |
|               | UNII3  | 5775           | 155 | 8.33                      | 8.65 | 11.50 | 6.37           | 7.18 | 9.80  | 5.36            | 6.53 | 9.00  |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|---------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|               |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|               |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE80]<br>52T | UNII1  | 5210           | 42  | 1.34                      | 0.77 | 4.08  | 3.00           | 2.20 | 5.63  | 4.72            | 3.75 | 7.27  |
|               | UNII2A | 5290           | 58  | 5.79                      | 7.05 | 9.48  | 7.34           | 8.19 | 10.80 | 9.00            | 9.32 | 12.17 |
|               | UNII2C | 5530           | 106 | 3.28                      | 3.94 | 6.63  | 2.34           | 2.95 | 5.66  | 1.51            | 2.23 | 4.89  |
|               |        | 5610           | 122 | 7.93                      | 7.98 | 10.96 | 6.67           | 6.70 | 9.70  | 5.95            | 6.24 | 9.11  |
|               |        | 5690           | 138 | 2.84                      | 4.40 | 6.70  | 1.20           | 3.00 | 5.20  | 0.19            | 2.39 | 4.44  |
|               | UNII3  | 5775           | 155 | 7.92                      | 8.32 | 11.13 | 5.91           | 6.82 | 9.40  | 5.13            | 6.22 | 8.72  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE80]<br>106T | UNII1  | 5210           | 42  | 1.49                      | 0.91 | 4.22  | 3.28           | 2.45 | 5.89  | 4.71            | 3.72 | 7.25  |
|                | UNII2A | 5290           | 58  | 6.02                      | 7.42 | 9.79  | 7.35           | 8.39 | 10.91 | 8.79            | 9.46 | 12.15 |
|                | UNII2C | 5530           | 106 | 3.46                      | 3.92 | 6.71  | 2.48           | 3.02 | 5.77  | 1.70            | 2.30 | 5.02  |
|                |        | 5610           | 122 | 7.92                      | 7.77 | 10.85 | 6.77           | 6.57 | 9.68  | 6.15            | 6.15 | 9.16  |
|                |        | 5690           | 138 | 2.88                      | 4.38 | 6.70  | 1.31           | 3.09 | 5.30  | 0.36            | 2.51 | 4.57  |
|                | UNII3  | 5775           | 155 | 7.99                      | 8.75 | 11.40 | 6.06           | 7.28 | 9.72  | 5.29            | 6.69 | 9.06  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |       |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|-------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |       | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO  |
| [HE80]<br>242T | UNII1  | 5210           | 42  | 1.72                      | 1.10 | 4.43  | 2.62           | 1.91 | 5.29  | 4.51            | 3.57 | 7.08  |
|                | UNII2A | 5290           | 58  | 6.13                      | 7.32 | 9.77  | 6.74           | 7.81 | 10.32 | 8.59            | 9.10 | 11.86 |
|                | UNII2C | 5530           | 106 | 3.44                      | 3.90 | 6.69  | 3.09           | 3.53 | 6.33  | 2.00            | 2.54 | 5.29  |
|                |        | 5610           | 122 | 8.25                      | 7.72 | 11.00 | 7.78           | 7.20 | 10.51 | 6.77            | 6.37 | 9.59  |
|                |        | 5690           | 138 | 2.81                      | 4.31 | 6.64  | 2.11           | 3.73 | 6.01  | 0.65            | 2.71 | 4.81  |
|                | UNII3  | 5775           | 155 | 7.89                      | 8.76 | 11.36 | 7.00           | 8.17 | 10.64 | 5.54            | 6.94 | 9.31  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |       |                |      |      |                 |      |       |
|----------------|--------|----------------|-----|---------------------------|------|-------|----------------|------|------|-----------------|------|-------|
|                |        |                |     | RU Index : Low            |      |       | RU Index : Mid |      |      | RU Index : High |      |       |
|                |        |                |     | ANT1                      | ANT2 | MIMO  | ANT1           | ANT2 | MIMO | ANT1            | ANT2 | MIMO  |
| [HE80]<br>484T | UNII1  | 5210           | 42  | 2.36                      | 1.42 | 4.93  | -              | -    | -    | 4.26            | 3.08 | 6.72  |
|                | UNII2A | 5290           | 58  | 6.62                      | 7.76 | 10.24 | -              | -    | -    | 8.36            | 8.99 | 11.70 |
|                | UNII2C | 5530           | 106 | 3.58                      | 4.28 | 6.95  | -              | -    | -    | 2.64            | 3.38 | 6.04  |
|                |        | 5610           | 122 | 8.03                      | 7.73 | 10.90 | -              | -    | -    | 7.04            | 6.82 | 9.95  |
|                |        | 5690           | 138 | 2.78                      | 4.10 | 6.50  | -              | -    | -    | 1.32            | 3.03 | 5.27  |
|                | UNII3  | 5775           | 155 | 7.65                      | 8.17 | 10.93 | -              | -    | -    | 6.02            | 6.85 | 9.47  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |      |       |                 |      |      |
|----------------|--------|----------------|-----|---------------------------|------|------|----------------|------|-------|-----------------|------|------|
|                |        |                |     | RU Index : Low            |      |      | RU Index : Mid |      |       | RU Index : High |      |      |
|                |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2 | MIMO  | ANT1            | ANT2 | MIMO |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                         | -    | -    | 3.75           | 2.98 | 6.39  | -               | -    | -    |
|                | UNII2A | 5290           | 58  | -                         | -    | -    | 7.90           | 8.81 | 11.39 | -               | -    | -    |
|                | UNII2C | 5530           | 106 | -                         | -    | -    | 3.65           | 3.98 | 6.83  | -               | -    | -    |
|                |        | 5610           | 122 | -                         | -    | -    | 8.17           | 7.81 | 11.00 | -               | -    | -    |
|                |        | 5690           | 138 | -                         | -    | -    | 2.58           | 4.28 | 6.53  | -               | -    | -    |
|                | UNII3  | 5775           | 155 | -                         | -    | -    | 7.31           | 8.65 | 11.04 | -               | -    | -    |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Average Power [dBm] |      |      |                |       |       |                 |      |      |
|--------------|--------|----------------|-----|---------------------------|------|------|----------------|-------|-------|-----------------|------|------|
|              |        |                |     | RU Index : Low            |      |      | RU Index : Mid |       |       | RU Index : High |      |      |
|              |        |                |     | ANT1                      | ANT2 | MIMO | ANT1           | ANT2  | MIMO  | ANT1            | ANT2 | MIMO |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                         | -    | -    | 10.28          | 11.39 | 13.88 | -               | -    | -    |
|              | UNII2A | 5290           | 58  | -                         | -    | -    | 8.12           | 9.71  | 11.99 | -               | -    | -    |
|              | UNII2C | 5530           | 106 | -                         | -    | -    | 9.28           | 8.82  | 12.07 | -               | -    | -    |
|              |        | 5610           | 122 | -                         | -    | -    | 10.49          | 10.79 | 13.65 | -               | -    | -    |
|              |        | 5690           | 138 | -                         | -    | -    | 11.43          | 11.41 | 14.43 | -               | -    | -    |
|              | UNII3  | 5775           | 155 | -                         | -    | -    | 10.68          | 11.24 | 13.98 | -               | -    | -    |

## 10.5 POWER SPECTRAL DENSITY

# Limit(UNII 1, 2A, 2C) : 11.0 dBm/MHz

Limit(UNII 3) : 30.0 dBm/500 kHz

### 10.5.1 SISO Ant. 2

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 4.310                                  | 3.279          | 4.889           |
|               |        | 5200           | 40  | 4.658                                  | 3.811          | 5.454           |
|               |        | 5240           | 48  | 1.387                                  | 0.583          | 1.956           |
|               | UNII2A | 5260           | 52  | 5.458                                  | 4.432          | 5.792           |
|               |        | 5300           | 60  | 5.706                                  | 4.434          | 5.822           |
|               |        | 5320           | 64  | 3.498                                  | 2.507          | 3.890           |
|               | UNII2C | 5500           | 100 | 3.020                                  | 1.697          | 2.626           |
|               |        | 5600           | 120 | 5.765                                  | 4.605          | 5.669           |
|               |        | 5660           | 132 | 3.027                                  | 1.867          | 2.645           |
|               |        | 5720           | 144 | 6.429                                  | 5.547          | 6.299           |
|               | UNII3  | 5745           | 149 | 4.281                                  | 4.637          | 3.998           |
|               |        | 5785           | 157 | 3.542                                  | 2.939          | 3.113           |
|               |        | 5825           | 165 | 3.065                                  | 2.440          | 2.646           |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 1.388                                  | 1.514          | 2.215           |
|               |        | 5200           | 40  | 1.503                                  | 1.497          | 2.138           |
|               |        | 5240           | 48  | -1.541                                 | -1.502         | -1.049          |
|               | UNII2A | 5260           | 52  | 2.493                                  | 2.580          | 3.042           |
|               |        | 5300           | 60  | 2.182                                  | 2.223          | 2.616           |
|               |        | 5320           | 64  | 0.865                                  | 1.024          | 1.313           |
|               | UNII2C | 5500           | 100 | 0.042                                  | -0.084         | -0.130          |
|               |        | 5600           | 120 | 3.075                                  | 3.394          | 2.858           |
|               |        | 5660           | 132 | 0.342                                  | -0.181         | -0.290          |
|               |        | 5720           | 144 | 3.998                                  | 3.565          | 3.464           |
|               | UNII3  | 5745           | 149 | 1.524                                  | 1.254          | 0.965           |
|               |        | 5785           | 157 | 0.951                                  | 0.759          | 0.419           |
|               |        | 5825           | 165 | -0.495                                 | -0.843         | -0.973          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE20]<br>106T | UNII1  | 5180           | 36  | -1.136                                 | -              | -0.481          |
|                |        | 5200           | 40  | -1.185                                 | -              | -1.015          |
|                |        | 5240           | 48  | -4.372                                 | -              | -3.909          |
|                | UNII2A | 5260           | 52  | -0.342                                 | -              | 0.043           |
|                |        | 5300           | 60  | -0.659                                 | -              | -0.108          |
|                |        | 5320           | 64  | -1.886                                 | -              | -1.534          |
|                | UNII2C | 5500           | 100 | -2.852                                 | -              | -3.191          |
|                |        | 5600           | 120 | -0.253                                 | -              | -0.507          |
|                |        | 5660           | 132 | -3.041                                 | -              | -3.237          |
|                |        | 5720           | 144 | 1.252                                  | -              | 0.710           |
|                | UNII3  | 5745           | 149 | -1.463                                 | -              | -2.174          |
|                |        | 5785           | 157 | -2.527                                 | -              | -3.073          |
|                |        | 5825           | 165 | -2.497                                 | -              | -2.972          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                                      | -4.119         | -               |
|                |        | 5200           | 40  | -                                      | -4.570         | -               |
|                |        | 5240           | 48  | -                                      | -7.053         | -               |
|                | UNII2A | 5260           | 52  | -                                      | -3.293         | -               |
|                |        | 5300           | 60  | -                                      | -3.868         | -               |
|                |        | 5320           | 64  | -                                      | -5.229         | -               |
|                | UNII2C | 5500           | 100 | -                                      | -6.292         | -               |
|                |        | 5600           | 120 | -                                      | -3.243         | -               |
|                |        | 5660           | 132 | -                                      | -6.365         | -               |
|                |        | 5720           | 144 | -                                      | -2.322         | -               |
|                | UNII3  | 5745           | 149 | -                                      | -5.141         | -               |
|                |        | 5785           | 157 | -                                      | -5.581         | -               |
|                |        | 5825           | 165 | -                                      | -6.375         | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|--------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE20]<br>SU | UNII1  | 5180           | 36  | -                                      | 1.390          | -               |
|              |        | 5200           | 40  | -                                      | 1.657          | -               |
|              |        | 5240           | 48  | -                                      | 2.114          | -               |
|              | UNII2A | 5260           | 52  | -                                      | 2.046          | -               |
|              |        | 5300           | 60  | -                                      | 2.090          | -               |
|              |        | 5320           | 64  | -                                      | 0.677          | -               |
|              | UNII2C | 5500           | 100 | -                                      | 1.488          | -               |
|              |        | 5600           | 120 | -                                      | 2.636          | -               |
|              |        | 5720           | 144 | -                                      | 3.336          | -               |
|              | UNII3  | 5745           | 149 | -                                      | 0.409          | -               |
|              |        | 5785           | 157 | -                                      | 0.092          | -               |
|              |        | 5825           | 165 | -                                      | -0.075         | -               |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>26T | UNII1  | 5190           | 38  | 3.237                                  | 3.861          | 4.843           |
|               |        | 5230           | 46  | -0.927                                 | -0.382         | 0.172           |
|               | UNII2A | 5270           | 54  | 4.560                                  | 4.859          | 5.696           |
|               |        | 5310           | 62  | 4.205                                  | 4.408          | 4.989           |
|               | UNII2C | 5510           | 102 | 3.170                                  | 2.250          | 2.183           |
|               |        | 5590           | 118 | 6.270                                  | 5.516          | 5.225           |
|               |        | 5670           | 134 | 3.026                                  | 2.748          | 2.008           |
|               |        | 5710           | 142 | 7.372                                  | 6.466          | 6.438           |
|               | UNII3  | 5755           | 151 | 4.507                                  | 3.383          | 3.017           |
|               |        | 5795           | 159 | 3.467                                  | 2.894          | 2.527           |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>52T | UNII1  | 5190           | 38  | 1.134                                  | 1.830          | 2.583           |
|               |        | 5230           | 46  | -3.615                                 | -3.071         | -2.597          |
|               | UNII2A | 5270           | 54  | 2.108                                  | 2.363          | 2.853           |
|               |        | 5310           | 62  | 1.119                                  | 1.238          | 1.795           |
|               | UNII2C | 5510           | 102 | 0.050                                  | -0.563         | -0.615          |
|               |        | 5590           | 118 | 3.480                                  | 2.727          | 2.416           |
|               |        | 5670           | 134 | 0.130                                  | -0.725         | -0.699          |
|               |        | 5710           | 142 | 3.985                                  | 3.387          | 3.013           |
|               | UNII3  | 5755           | 151 | 1.501                                  | 0.993          | 0.710           |
|               |        | 5795           | 159 | 1.170                                  | 0.047          | 0.006           |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>106T | UNII1  | 5190           | 38  | -1.653                                 | -1.548         | -0.530          |
|                |        | 5230           | 46  | -6.543                                 | -6.378         | -5.571          |
|                | UNII2A | 5270           | 54  | -0.544                                 | -0.679         | 0.054           |
|                |        | 5310           | 62  | -1.896                                 | -1.712         | -0.910          |
|                | UNII2C | 5510           | 102 | -2.818                                 | -3.285         | -3.598          |
|                |        | 5590           | 118 | 0.554                                  | 0.576          | 0.032           |
|                |        | 5670           | 134 | -2.973                                 | -3.429         | -3.848          |
|                |        | 5710           | 142 | 1.091                                  | 0.749          | 0.391           |
|                | UNII3  | 5755           | 151 | -1.353                                 | -1.840         | -2.450          |
|                |        | 5795           | 159 | -2.419                                 | -2.992         | -3.159          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>242T | UNII1  | 5190           | 38  | -5.166                                 | -              | -4.220          |
|                |        | 5230           | 46  | -9.661                                 | -              | -9.009          |
|                | UNII2A | 5270           | 54  | -3.916                                 | -              | -3.131          |
|                |        | 5310           | 62  | -4.946                                 | -              | -4.267          |
|                | UNII2C | 5510           | 102 | -6.226                                 | -              | -6.770          |
|                |        | 5590           | 118 | -2.814                                 | -              | -3.658          |
|                |        | 5670           | 134 | -6.083                                 | -              | -7.080          |
|                |        | 5710           | 142 | -2.652                                 | -              | -3.136          |
|                | UNII3  | 5755           | 151 | -4.541                                 | -              | -5.146          |
|                |        | 5795           | 159 | -6.224                                 | -              | -7.061          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                                      | -7.457         | -               |
|                |        | 5230           | 46  | -                                      | -12.142        | -               |
|                | UNII2A | 5270           | 54  | -                                      | -5.873         | -               |
|                |        | 5310           | 62  | -                                      | -7.256         | -               |
|                | UNII2C | 5510           | 102 | -                                      | -9.212         | -               |
|                |        | 5590           | 118 | -                                      | -5.552         | -               |
|                |        | 5670           | 134 | -                                      | -8.864         | -               |
|                |        | 5710           | 142 | -                                      | -4.730         | -               |
|                | UNII3  | 5755           | 151 | -                                      | -8.124         | -               |
|                |        | 5795           | 159 | -                                      | -8.154         | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|--------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                                      | -2.708         | -               |
|              |        | 5230           | 46  | -                                      | -2.251         | -               |
|              | UNII2A | 5270           | 54  | -                                      | -1.724         | -               |
|              |        | 5310           | 62  | -                                      | -4.927         | -               |
|              | UNII2C | 5510           | 102 | -                                      | -2.798         | -               |
|              |        | 5590           | 118 | -                                      | -1.916         | -               |
|              |        | 5710           | 142 | -                                      | -1.020         | -               |
|              | UNII3  | 5755           | 151 | -                                      | -3.839         | -               |
|              |        | 5795           | 159 | -                                      | -4.481         | -               |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>26T | UNII1  | 5210           | 42  | -0.905                                 | -0.862         | 2.002           |
|               | UNII2A | 5290           | 58  | 4.617                                  | 4.186          | 6.842           |
|               | UNII2C | 5530           | 106 | 2.353                                  | 0.330          | 0.218           |
|               |        | 5610           | 122 | 6.297                                  | 3.283          | 3.912           |
|               |        | 5690           | 138 | 1.470                                  | -0.455         | -0.007          |
|               | UNII3  | 5775           | 155 | 3.987                                  | 2.318          | 2.206           |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|---------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|               |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|               |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>52T | UNII1  | 5210           | 42  | -3.769                                 | -2.370         | -0.768          |
|               | UNII2A | 5290           | 58  | 1.966                                  | 2.838          | 4.120           |
|               | UNII2C | 5530           | 106 | -0.372                                 | -1.551         | -2.376          |
|               |        | 5610           | 122 | 3.349                                  | 1.685          | 1.452           |
|               |        | 5690           | 138 | -1.147                                 | -2.260         | -2.640          |
|               | UNII3  | 5775           | 155 | 1.226                                  | -0.166         | -0.638          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>106T | UNII1  | 5210           | 42  | -6.753                                 | -5.164         | -3.597          |
|                | UNII2A | 5290           | 58  | -1.057                                 | 0.001          | 1.119           |
|                | UNII2C | 5530           | 106 | -3.450                                 | -4.793         | -5.238          |
|                |        | 5610           | 122 | 0.342                                  | -1.208         | -1.752          |
|                |        | 5690           | 138 | -4.121                                 | -5.306         | -5.329          |
|                | UNII3  | 5775           | 155 | -1.860                                 | -2.808         | -3.528          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>242T | UNII1  | 5210           | 42  | -9.895                                 | -9.291         | -7.325          |
|                | UNII2A | 5290           | 58  | -4.501                                 | -4.234         | -2.163          |
|                | UNII2C | 5530           | 106 | -6.983                                 | -7.809         | -8.591          |
|                |        | 5610           | 122 | -3.200                                 | -4.107         | -4.817          |
|                |        | 5690           | 138 | -7.627                                 | -8.632         | -9.019          |
|                | UNII3  | 5775           | 155 | -5.436                                 | -6.050         | -7.016          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>484T | UNII1  | 5210           | 42  | -12.219                                | -              | -9.967          |
|                | UNII2A | 5290           | 58  | -6.722                                 | -              | -4.764          |
|                | UNII2C | 5530           | 106 | -9.545                                 | -              | -10.866         |
|                |        | 5610           | 122 | -6.042                                 | -              | -7.136          |
|                |        | 5690           | 138 | -10.341                                | -              | -11.448         |
|                | UNII3  | 5775           | 155 | -7.584                                 | -              | -9.236          |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|----------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|                |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|                |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                                      | -13.774        | -               |
|                | UNII2A | 5290           | 58  | -                                      | -8.747         | -               |
|                | UNII2C | 5530           | 106 | -                                      | -12.930        | -               |
|                |        | 5610           | 122 | -                                      | -9.282         | -               |
|                |        | 5690           | 138 | -                                      | -14.156        | -               |
|                | UNII3  | 5775           | 155 | -                                      | -11.420        | -               |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |                |                 |
|--------------|--------|----------------|-----|----------------------------------------|----------------|-----------------|
|              |        |                |     | RU Index : Low                         | RU Index : Mid | RU Index : High |
|              |        |                |     | ANT2                                   | ANT2           | ANT2            |
| [HE80]<br>SU | UNII1  | 5210           | 42  | -                                      | -6.183         | -               |
|              | UNII2A | 5290           | 58  | -                                      | -7.113         | -               |
|              | UNII2C | 5530           | 106 | -                                      | -6.808         | -               |
|              |        | 5610           | 122 | -                                      | -5.448         | -               |
|              |        | 5690           | 138 | -                                      | -5.207         | -               |
|              | UNII3  | 5775           | 155 | -                                      | -7.929         | -               |

### 10.5.2 MIMO(Ant 1 +Ant 2)

# Ant Total PSD [dBm] = Measured PSD [dBm] + Duty Cycle Factor [dB]

# MIMO Total PSD [dBm] = Ant.1 Total PSD [dBm] + Ant.2 Total PSD [dB]

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |       |       |                |       |       |                 |       |       |
|---------------|--------|----------------|-----|----------------------------------------|-------|-------|----------------|-------|-------|-----------------|-------|-------|
|               |        |                |     | RU Index : Low                         |       |       | RU Index : Mid |       |       | RU Index : High |       |       |
|               |        |                |     | ANT1                                   | ANT2  | MIMO  | ANT1           | ANT2  | MIMO  | ANT1            | ANT2  | MIMO  |
| [HE20]<br>26T | UNII1  | 5180           | 36  | 4.616                                  | 4.838 | 7.739 | 3.843          | 4.036 | 6.951 | 5.342           | 5.380 | 8.372 |
|               |        | 5200           | 40  | 4.841                                  | 4.847 | 7.854 | 3.950          | 4.260 | 7.118 | 5.757           | 5.511 | 8.646 |
|               |        | 5240           | 48  | 2.187                                  | 1.942 | 5.077 | 1.107          | 1.255 | 4.192 | 2.542           | 2.350 | 5.457 |
|               | UNII2A | 5260           | 52  | 5.439                                  | 5.453 | 8.456 | 4.518          | 4.667 | 7.604 | 5.897           | 5.885 | 8.901 |
|               |        | 5300           | 60  | 5.319                                  | 5.236 | 8.288 | 4.983          | 4.693 | 7.851 | 6.305           | 5.909 | 9.122 |
|               |        | 5320           | 64  | 4.803                                  | 4.016 | 7.438 | 4.059          | 2.917 | 6.536 | 5.626           | 4.353 | 8.046 |
|               | UNII2C | 5500           | 100 | 1.106                                  | 1.411 | 4.271 | -0.300         | 0.009 | 2.868 | 0.918           | 0.949 | 3.944 |
|               |        | 5600           | 120 | 5.050                                  | 3.949 | 7.545 | 3.853          | 2.543 | 6.258 | 4.676           | 3.467 | 7.124 |
|               |        | 5660           | 132 | 0.968                                  | 1.538 | 4.273 | -0.396         | 0.224 | 2.935 | 0.339           | 1.083 | 3.737 |
|               |        | 5720           | 144 | 5.107                                  | 5.233 | 8.181 | 3.522          | 3.904 | 6.728 | 4.560           | 4.792 | 7.688 |
|               | UNII3  | 5745           | 149 | 2.721                                  | 2.968 | 5.857 | 2.820          | 2.972 | 5.907 | 2.538           | 2.646 | 5.603 |
|               |        | 5785           | 157 | 2.189                                  | 2.812 | 5.522 | 1.838          | 2.116 | 4.990 | 1.534           | 2.222 | 4.902 |
|               |        | 5825           | 165 | 2.237                                  | 3.302 | 5.813 | 1.775          | 3.306 | 5.618 | 1.535           | 3.115 | 5.407 |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |       |                |        |       |                 |        |       |
|---------------|--------|----------------|-----|----------------------------------------|--------|-------|----------------|--------|-------|-----------------|--------|-------|
|               |        |                |     | RU Index : Low                         |        |       | RU Index : Mid |        |       | RU Index : High |        |       |
|               |        |                |     | ANT1                                   | ANT2   | MIMO  | ANT1           | ANT2   | MIMO  | ANT1            | ANT2   | MIMO  |
| [HE20]<br>52T | UNII1  | 5180           | 36  | 1.680                                  | 1.776  | 4.739 | 2.069          | 1.981  | 5.036 | 2.600           | 2.453  | 5.538 |
|               |        | 5200           | 40  | 2.182                                  | 2.057  | 5.130 | 2.309          | 2.158  | 5.245 | 2.814           | 2.643  | 5.740 |
|               |        | 5240           | 48  | -1.061                                 | -1.078 | 1.941 | -1.068         | -1.106 | 1.923 | -0.532          | -0.532 | 2.478 |
|               | UNII2A | 5260           | 52  | 2.343                                  | 2.240  | 5.302 | 2.405          | 2.342  | 5.384 | 3.044           | 2.543  | 5.811 |
|               |        | 5300           | 60  | 2.211                                  | 2.696  | 5.471 | 2.237          | 2.818  | 5.548 | 3.196           | 2.980  | 6.100 |
|               |        | 5320           | 64  | 1.991                                  | 0.906  | 4.493 | 2.177          | 1.050  | 4.660 | 2.498           | 1.368  | 4.980 |
|               | UNII2C | 5500           | 100 | -2.031                                 | -1.599 | 1.201 | -2.079         | -2.034 | 0.954 | -2.044          | -1.918 | 1.030 |
|               |        | 5600           | 120 | 2.423                                  | 1.292  | 4.905 | 2.942          | 1.890  | 5.458 | 2.569           | 1.303  | 4.992 |
|               |        | 5660           | 132 | -2.220                                 | -1.318 | 1.265 | -2.289         | -1.566 | 1.098 | -2.561          | -1.769 | 0.863 |
|               |        | 5720           | 144 | 3.035                                  | 2.431  | 5.754 | 2.700          | 2.176  | 5.456 | 2.338           | 1.999  | 5.182 |
|               | UNII3  | 5745           | 149 | -0.031                                 | -0.058 | 2.966 | -0.466         | -0.103 | 2.730 | -0.812          | -0.364 | 2.428 |
|               |        | 5785           | 157 | -0.265                                 | -0.298 | 2.729 | -0.590         | -0.511 | 2.460 | -0.840          | -0.984 | 2.099 |
|               |        | 5825           | 165 | -0.643                                 | 0.580  | 3.022 | -1.049         | 0.467  | 2.785 | -1.296          | 0.318  | 2.596 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |        |                |      |      |                 |        |        |
|----------------|--------|----------------|-----|----------------------------------------|--------|--------|----------------|------|------|-----------------|--------|--------|
|                |        |                |     | RU Index : Low                         |        |        | RU Index : Mid |      |      | RU Index : High |        |        |
|                |        |                |     | ANT1                                   | ANT2   | MIMO   | ANT1           | ANT2 | MIMO | ANT1            | ANT2   | MIMO   |
| [HE20]<br>106T | UNII1  | 5180           | 36  | -1.207                                 | -0.597 | 2.119  | -              | -    | -    | -0.246          | 0.271  | 3.031  |
|                |        | 5200           | 40  | -0.733                                 | -1.072 | 2.112  | -              | -    | -    | -0.477          | -0.677 | 2.435  |
|                |        | 5240           | 48  | -4.176                                 | -4.277 | -1.216 | -              | -    | -    | -3.659          | -3.674 | -0.656 |
|                | UNII2A | 5260           | 52  | -0.544                                 | -0.344 | 2.568  | -              | -    | -    | -0.064          | 0.095  | 3.027  |
|                |        | 5300           | 60  | -0.744                                 | -0.400 | 2.442  | -              | -    | -    | 0.076           | -0.091 | 3.004  |
|                |        | 5320           | 64  | -0.942                                 | -1.765 | 1.677  | -              | -    | -    | -0.482          | -1.448 | 2.073  |
|                | UNII2C | 5500           | 100 | -5.041                                 | -4.935 | -1.977 | -              | -    | -    | -4.967          | -5.016 | -1.981 |
|                |        | 5600           | 120 | -0.617                                 | -1.288 | 2.071  | -              | -    | -    | -0.594          | -1.553 | 1.964  |
|                |        | 5660           | 132 | -5.075                                 | -4.525 | -1.781 | -              | -    | -    | -5.540          | -4.811 | -2.150 |
|                |        | 5720           | 144 | 0.845                                  | -0.043 | 3.434  | -              | -    | -    | 0.014           | -0.692 | 2.686  |
|                | UNII3  | 5745           | 149 | -3.202                                 | -2.849 | -0.011 | -              | -    | -    | -3.649          | -3.253 | -0.436 |
|                |        | 5785           | 157 | -2.995                                 | -3.152 | -0.062 | -              | -    | -    | -3.961          | -3.511 | -0.719 |
|                |        | 5825           | 165 | -3.413                                 | -2.018 | 0.351  | -              | -    | -    | -4.046          | -2.391 | -0.129 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |        |        |                 |      |      |
|----------------|--------|----------------|-----|----------------------------------------|------|------|----------------|--------|--------|-----------------|------|------|
|                |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |        |        | RU Index : High |      |      |
|                |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2   | MIMO   | ANT1            | ANT2 | MIMO |
| [HE20]<br>242T | UNII1  | 5180           | 36  | -                                      | -    | -    | -3.511         | -3.512 | -0.501 | -               | -    | -    |
|                |        | 5200           | 40  | -                                      | -    | -    | -3.696         | -4.464 | -1.052 | -               | -    | -    |
|                |        | 5240           | 48  | -                                      | -    | -    | -7.160         | -7.728 | -4.424 | -               | -    | -    |
|                | UNII2A | 5260           | 52  | -                                      | -    | -    | -3.398         | -3.484 | -0.430 | -               | -    | -    |
|                |        | 5300           | 60  | -                                      | -    | -    | -3.757         | -3.740 | -0.738 | -               | -    | -    |
|                |        | 5320           | 64  | -                                      | -    | -    | -3.568         | -4.743 | -1.105 | -               | -    | -    |
|                | UNII2C | 5500           | 100 | -                                      | -    | -    | -8.527         | -8.541 | -5.524 | -               | -    | -    |
|                |        | 5600           | 120 | -                                      | -    | -    | -3.313         | -3.624 | -0.455 | -               | -    | -    |
|                |        | 5660           | 132 | -                                      | -    | -    | -8.623         | -8.159 | -5.375 | -               | -    | -    |
|                |        | 5720           | 144 | -                                      | -    | -    | -3.249         | -3.518 | -0.371 | -               | -    | -    |
|                | UNII3  | 5745           | 149 | -                                      | -    | -    | -6.107         | -6.194 | -3.140 | -               | -    | -    |
|                |        | 5785           | 157 | -                                      | -    | -    | -6.500         | -6.512 | -3.495 | -               | -    | -    |
|                |        | 5825           | 165 | -                                      | -    | -    | -7.209         | -5.812 | -3.444 | -               | -    | -    |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |        |       |                 |      |      |
|--------------|--------|----------------|-----|----------------------------------------|------|------|----------------|--------|-------|-----------------|------|------|
|              |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |        |       | RU Index : High |      |      |
|              |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2   | MIMO  | ANT1            | ANT2 | MIMO |
| [HE20]<br>SU | UNII1  | 5180           | 36  | -                                      | -    | -    | 2.008          | 1.464  | 4.755 | -               | -    | -    |
|              |        | 5200           | 40  | -                                      | -    | -    | 2.180          | 2.488  | 5.347 | -               | -    | -    |
|              |        | 5240           | 48  | -                                      | -    | -    | 2.171          | 2.539  | 5.370 | -               | -    | -    |
|              | UNII2A | 5260           | 52  | -                                      | -    | -    | 2.641          | 2.687  | 5.675 | -               | -    | -    |
|              |        | 5300           | 60  | -                                      | -    | -    | 2.617          | 1.977  | 5.319 | -               | -    | -    |
|              |        | 5320           | 64  | -                                      | -    | -    | 2.121          | 0.961  | 4.590 | -               | -    | -    |
|              | UNII2C | 5500           | 100 | -                                      | -    | -    | 1.163          | 0.751  | 3.973 | -               | -    | -    |
|              |        | 5600           | 120 | -                                      | -    | -    | 2.127          | 1.087  | 4.649 | -               | -    | -    |
|              |        | 5720           | 144 | -                                      | -    | -    | 2.244          | 2.584  | 5.428 | -               | -    | -    |
|              | UNII3  | 5745           | 149 | -                                      | -    | -    | -0.384         | 0.092  | 2.871 | -               | -    | -    |
|              |        | 5785           | 157 | -                                      | -    | -    | -0.728         | -0.570 | 2.362 | -               | -    | -    |
|              |        | 5825           | 165 | -                                      | -    | -    | -1.017         | 0.037  | 2.553 | -               | -    | -    |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |       |                |        |       |                 |        |       |
|---------------|--------|----------------|-----|----------------------------------------|--------|-------|----------------|--------|-------|-----------------|--------|-------|
|               |        |                |     | RU Index : Low                         |        |       | RU Index : Mid |        |       | RU Index : High |        |       |
|               |        |                |     | ANT1                                   | ANT2   | MIMO  | ANT1           | ANT2   | MIMO  | ANT1            | ANT2   | MIMO  |
| [HE40]<br>26T | UNII1  | 5190           | 38  | 4.237                                  | 3.963  | 7.113 | 4.833          | 4.773  | 7.814 | 5.905           | 5.223  | 8.588 |
|               |        | 5230           | 46  | 0.270                                  | -1.298 | 2.567 | 1.101          | -0.659 | 3.320 | 1.906           | -0.042 | 4.051 |
|               | UNII2A | 5270           | 54  | 4.132                                  | 5.133  | 7.672 | 4.496          | 5.564  | 8.074 | 5.579           | 6.059  | 8.836 |
|               |        | 5310           | 62  | 3.969                                  | 4.482  | 7.244 | 5.249          | 5.135  | 8.203 | 6.021           | 5.489  | 8.774 |
|               | UNII2C | 5510           | 102 | 1.405                                  | 1.278  | 4.352 | 1.034          | 0.920  | 3.988 | 0.934           | 0.524  | 3.744 |
|               |        | 5590           | 118 | 5.603                                  | 4.814  | 8.237 | 4.827          | 4.292  | 7.578 | 4.623           | 3.814  | 7.248 |
|               |        | 5670           | 134 | 1.337                                  | 1.580  | 4.470 | 0.585          | 0.633  | 3.619 | 0.285           | 0.603  | 3.457 |
|               |        | 5710           | 142 | 5.691                                  | 5.518  | 8.616 | 5.023          | 5.043  | 8.044 | 4.611           | 4.595  | 7.614 |
|               | UNII3  | 5755           | 151 | 2.744                                  | 2.460  | 5.615 | 2.066          | 1.747  | 4.920 | 1.125           | 1.447  | 4.300 |
|               |        | 5795           | 159 | 2.452                                  | 2.327  | 5.401 | 2.302          | 2.128  | 5.227 | 1.949           | 1.968  | 4.969 |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |        |                |        |       |                 |        |       |
|---------------|--------|----------------|-----|----------------------------------------|--------|--------|----------------|--------|-------|-----------------|--------|-------|
|               |        |                |     | RU Index : Low                         |        |        | RU Index : Mid |        |       | RU Index : High |        |       |
|               |        |                |     | ANT1                                   | ANT2   | MIMO   | ANT1           | ANT2   | MIMO  | ANT1            | ANT2   | MIMO  |
| [HE40]<br>52T | UNII1  | 5190           | 38  | 1.866                                  | 0.996  | 4.463  | 2.859          | 1.638  | 5.302 | 3.452           | 2.430  | 5.981 |
|               |        | 5230           | 46  | -2.422                                 | -3.916 | -0.095 | -1.889         | -3.562 | 0.365 | -1.006          | -2.854 | 1.178 |
|               | UNII2A | 5270           | 54  | 1.566                                  | 2.250  | 4.932  | 2.198          | 2.469  | 5.346 | 3.064           | 3.147  | 6.116 |
|               |        | 5310           | 62  | 1.369                                  | 1.578  | 4.485  | 2.158          | 1.842  | 5.013 | 3.148           | 2.474  | 5.835 |
|               | UNII2C | 5510           | 102 | -1.534                                 | -1.793 | 1.349  | -1.728         | -2.319 | 0.997 | -1.645          | -2.515 | 0.952 |
|               |        | 5590           | 118 | 2.912                                  | 2.496  | 5.719  | 2.172          | 1.388  | 4.808 | 1.916           | 1.545  | 4.745 |
|               |        | 5670           | 134 | -1.372                                 | -1.688 | 1.483  | -2.213         | -2.115 | 0.847 | -2.258          | -2.074 | 0.845 |
|               |        | 5710           | 142 | 2.638                                  | 2.817  | 5.739  | 1.923          | 2.079  | 5.012 | 1.516           | 1.896  | 4.721 |
|               | UNII3  | 5755           | 151 | -0.310                                 | -0.012 | 2.852  | -1.162         | -0.822 | 2.022 | -1.526          | -1.054 | 1.727 |
|               |        | 5795           | 159 | -0.237                                 | 0.147  | 2.970  | -1.039         | -0.535 | 2.231 | -1.348          | -0.924 | 1.880 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |        |                |        |        |                 |        |        |
|----------------|--------|----------------|-----|----------------------------------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|
|                |        |                |     | RU Index : Low                         |        |        | RU Index : Mid |        |        | RU Index : High |        |        |
|                |        |                |     | ANT1                                   | ANT2   | MIMO   | ANT1           | ANT2   | MIMO   | ANT1            | ANT2   | MIMO   |
| [HE40]<br>106T | UNII1  | 5190           | 38  | -0.854                                 | -1.343 | 1.918  | -0.435         | -0.765 | 2.413  | 0.406           | 0.003  | 3.219  |
|                |        | 5230           | 46  | -5.437                                 | -6.998 | -3.137 | -4.955         | -6.867 | -2.796 | -4.176          | -5.782 | -1.895 |
|                | UNII2A | 5270           | 54  | -1.477                                 | -0.552 | 2.020  | -1.246         | -0.232 | 2.300  | -0.064          | 0.539  | 3.258  |
|                |        | 5310           | 62  | -1.349                                 | -1.230 | 1.721  | -0.899         | -1.086 | 2.018  | 0.380           | -0.408 | 3.014  |
|                | UNII2C | 5510           | 102 | -4.173                                 | -4.690 | -1.414 | -4.549         | -5.282 | -1.890 | -4.563          | -5.289 | -1.901 |
|                |        | 5590           | 118 | -0.187                                 | -0.394 | 2.721  | -0.057         | -0.356 | 2.806  | -0.410          | -1.065 | 2.285  |
|                |        | 5670           | 134 | -4.505                                 | -4.508 | -1.496 | -4.946         | -5.002 | -1.964 | -5.345          | -5.209 | -2.266 |
|                |        | 5710           | 142 | 0.558                                  | 0.197  | 3.391  | 0.159          | -0.367 | 2.914  | -0.521          | -0.645 | 2.427  |
|                | UNII3  | 5755           | 151 | -3.057                                 | -3.133 | -0.085 | -3.825         | -3.407 | -0.601 | -4.166          | -3.699 | -0.916 |
|                |        | 5795           | 159 | -3.056                                 | -2.988 | -0.012 | -3.898         | -3.574 | -0.723 | -4.172          | -4.038 | -1.095 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |         |        |                |      |      |                 |        |        |
|----------------|--------|----------------|-----|----------------------------------------|---------|--------|----------------|------|------|-----------------|--------|--------|
|                |        |                |     | RU Index : Low                         |         |        | RU Index : Mid |      |      | RU Index : High |        |        |
|                |        |                |     | ANT1                                   | ANT2    | MIMO   | ANT1           | ANT2 | MIMO | ANT1            | ANT2   | MIMO   |
| [HE40]<br>242T | UNII1  | 5190           | 38  | -3.980                                 | -4.503  | -1.223 | -              | -    | -    | -2.857          | -3.622 | -0.212 |
|                |        | 5230           | 46  | -8.782                                 | -10.611 | -6.591 | -              | -    | -    | -7.814          | -9.850 | -5.703 |
|                | UNII2A | 5270           | 54  | -4.420                                 | -4.040  | -1.215 | -              | -    | -    | -3.287          | -3.365 | -0.315 |
|                |        | 5310           | 62  | -4.152                                 | -4.307  | -1.218 | -              | -    | -    | -2.427          | -3.579 | 0.046  |
|                | UNII2C | 5510           | 102 | -7.762                                 | -8.586  | -5.144 | -              | -    | -    | -8.214          | -8.879 | -5.523 |
|                |        | 5590           | 118 | -3.753                                 | -4.258  | -0.987 | -              | -    | -    | -3.874          | -4.521 | -1.175 |
|                |        | 5670           | 134 | -8.038                                 | -8.375  | -5.193 | -              | -    | -    | -8.831          | -8.664 | -5.736 |
|                |        | 5710           | 142 | -2.853                                 | -3.228  | -0.026 | -              | -    | -    | -3.674          | -3.733 | -0.693 |
|                | UNII3  | 5755           | 151 | -5.935                                 | -5.808  | -2.860 | -              | -    | -    | -7.116          | -6.680 | -3.882 |
|                |        | 5795           | 159 | -6.980                                 | -6.567  | -3.758 | -              | -    | -    | -7.596          | -7.267 | -4.418 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |         |        |                 |      |      |
|----------------|--------|----------------|-----|----------------------------------------|------|------|----------------|---------|--------|-----------------|------|------|
|                |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |         |        | RU Index : High |      |      |
|                |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2    | MIMO   | ANT1            | ANT2 | MIMO |
| [HE40]<br>484T | UNII1  | 5190           | 38  | -                                      | -    | -    | -6.050         | -6.874  | -3.432 | -               | -    | -    |
|                |        | 5230           | 46  | -                                      | -    | -    | -11.236        | -13.129 | -9.070 | -               | -    | -    |
|                | UNII2A | 5270           | 54  | -                                      | -    | -    | -6.386         | -6.454  | -3.410 | -               | -    | -    |
|                |        | 5310           | 62  | -                                      | -    | -    | -5.564         | -6.322  | -2.916 | -               | -    | -    |
|                | UNII2C | 5510           | 102 | -                                      | -    | -    | -11.015        | -11.397 | -8.192 | -               | -    | -    |
|                |        | 5590           | 118 | -                                      | -    | -    | -5.617         | -6.866  | -3.186 | -               | -    | -    |
|                |        | 5670           | 134 | -                                      | -    | -    | -11.065        | -11.218 | -8.131 | -               | -    | -    |
|                |        | 5710           | 142 | -                                      | -    | -    | -5.101         | -5.869  | -2.458 | -               | -    | -    |
|                | UNII3  | 5755           | 151 | -                                      | -    | -    | -8.379         | -8.158  | -5.257 | -               | -    | -    |
|                |        | 5795           | 159 | -                                      | -    | -    | -9.078         | -9.626  | -6.333 | -               | -    | -    |

| Mode         | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |        |        |                 |      |      |
|--------------|--------|----------------|-----|----------------------------------------|------|------|----------------|--------|--------|-----------------|------|------|
|              |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |        |        | RU Index : High |      |      |
|              |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2   | MIMO   | ANT1            | ANT2 | MIMO |
| [HE40]<br>SU | UNII1  | 5190           | 38  | -                                      | -    | -    | -1.840         | -2.561 | 0.824  | -               | -    | -    |
|              |        | 5230           | 46  | -                                      | -    | -    | -1.877         | -2.007 | 1.068  | -               | -    | -    |
|              | UNII2A | 5270           | 54  | -                                      | -    | -    | -2.260         | -1.910 | 0.928  | -               | -    | -    |
|              |        | 5310           | 62  | -                                      | -    | -    | -3.775         | -4.348 | -1.042 | -               | -    | -    |
|              | UNII2C | 5510           | 102 | -                                      | -    | -    | -2.676         | -3.168 | 0.095  | -               | -    | -    |
|              |        | 5590           | 118 | -                                      | -    | -    | -2.109         | -2.605 | 0.660  | -               | -    | -    |
|              |        | 5710           | 142 | -                                      | -    | -    | -1.616         | -2.073 | 1.171  | -               | -    | -    |
|              | UNII3  | 5755           | 151 | -                                      | -    | -    | -4.743         | -4.586 | -1.654 | -               | -    | -    |
|              |        | 5795           | 159 | -                                      | -    | -    | -5.050         | -4.985 | -2.007 | -               | -    | -    |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |       |                |        |       |                 |        |       |
|---------------|--------|----------------|-----|----------------------------------------|--------|-------|----------------|--------|-------|-----------------|--------|-------|
|               |        |                |     | RU Index : Low                         |        |       | RU Index : Mid |        |       | RU Index : High |        |       |
|               |        |                |     | ANT1                                   | ANT2   | MIMO  | ANT1           | ANT2   | MIMO  | ANT1            | ANT2   | MIMO  |
| [HE80]<br>26T | UNII1  | 5210           | 42  | -1.840                                 | -2.248 | 0.971 | -1.308         | -2.064 | 1.341 | 1.908           | 0.600  | 4.313 |
|               | UNII2A | 5290           | 58  | 3.041                                  | 4.017  | 6.566 | 3.114          | 3.541  | 6.343 | 6.063           | 6.087  | 9.085 |
|               | UNII2C | 5530           | 106 | 0.537                                  | 0.716  | 3.638 | -1.694         | -1.342 | 1.496 | -1.351          | -1.131 | 1.771 |
|               |        | 5610           | 122 | 5.196                                  | 5.667  | 8.448 | 2.960          | 2.902  | 5.941 | 2.977           | 3.411  | 6.209 |
|               |        | 5690           | 138 | 0.184                                  | 1.145  | 3.701 | -2.172         | -0.893 | 1.525 | -1.796          | -0.668 | 1.815 |
|               | UNII3  | 5775           | 155 | 2.687                                  | 2.688  | 5.697 | 0.356          | 1.155  | 3.784 | -0.035          | 0.853  | 3.442 |

| Mode          | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |        |                |        |        |                 |        |        |
|---------------|--------|----------------|-----|----------------------------------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|
|               |        |                |     | RU Index : Low                         |        |        | RU Index : Mid |        |        | RU Index : High |        |        |
|               |        |                |     | ANT1                                   | ANT2   | MIMO   | ANT1           | ANT2   | MIMO   | ANT1            | ANT2   | MIMO   |
| [HE80]<br>52T | UNII1  | 5210           | 42  | -4.621                                 | -5.208 | -1.894 | -2.835         | -3.490 | -0.140 | -1.104          | -2.138 | 1.420  |
|               | UNII2A | 5290           | 58  | 0.251                                  | 1.327  | 3.833  | 1.921          | 2.381  | 5.167  | 3.535           | 3.729  | 6.643  |
|               | UNII2C | 5530           | 106 | -2.452                                 | -1.831 | 0.880  | -3.357         | -3.080 | -0.206 | -4.005          | -4.002 | -0.993 |
|               |        | 5610           | 122 | 2.759                                  | 2.608  | 5.695  | 1.532          | 1.309  | 4.432  | 0.935           | 0.768  | 3.863  |
|               |        | 5690           | 138 | -2.455                                 | -1.836 | 0.876  | -3.900         | -2.717 | -0.258 | -4.806          | -3.221 | -0.931 |
|               | UNII3  | 5775           | 155 | 0.121                                  | -0.180 | 2.984  | -1.464         | -1.468 | 1.544  | -2.499          | -1.842 | 0.852  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |        |        |                |        |        |                 |        |        |
|----------------|--------|----------------|-----|----------------------------------------|--------|--------|----------------|--------|--------|-----------------|--------|--------|
|                |        |                |     | RU Index : Low                         |        |        | RU Index : Mid |        |        | RU Index : High |        |        |
|                |        |                |     | ANT1                                   | ANT2   | MIMO   | ANT1           | ANT2   | MIMO   | ANT1            | ANT2   | MIMO   |
| [HE80]<br>106T | UNII1  | 5210           | 42  | -7.737                                 | -8.301 | -5.000 | -5.640         | -6.526 | -3.050 | -4.479          | -5.293 | -1.857 |
|                | UNII2A | 5290           | 58  | -2.640                                 | -1.333 | 1.072  | -1.098         | -0.384 | 2.284  | 0.441           | 0.896  | 3.684  |
|                | UNII2C | 5530           | 106 | -5.690                                 | -5.476 | -2.571 | -6.111         | -6.037 | -3.064 | -7.052          | -7.109 | -4.070 |
|                |        | 5610           | 122 | -0.143                                 | -0.994 | 2.462  | -1.421         | -2.360 | 1.145  | -1.981          | -2.731 | 0.670  |
|                |        | 5690           | 138 | -5.728                                 | -4.865 | -2.265 | -7.297         | -5.756 | -3.448 | -8.051          | -5.834 | -3.792 |
|                | UNII3  | 5775           | 155 | -2.956                                 | -3.287 | -0.108 | -4.125         | -4.026 | -1.065 | -4.869          | -4.732 | -1.790 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |         |        |                |         |        |                 |         |        |
|----------------|--------|----------------|-----|----------------------------------------|---------|--------|----------------|---------|--------|-----------------|---------|--------|
|                |        |                |     | RU Index : Low                         |         |        | RU Index : Mid |         |        | RU Index : High |         |        |
|                |        |                |     | ANT1                                   | ANT2    | MIMO   | ANT1           | ANT2    | MIMO   | ANT1            | ANT2    | MIMO   |
| [HE80]<br>242T | UNII1  | 5210           | 42  | -11.261                                | -11.811 | -8.517 | -10.277        | -11.042 | -7.632 | -7.999          | -9.258  | -5.573 |
|                | UNII2A | 5290           | 58  | -5.869                                 | -4.735  | -2.255 | -5.413         | -4.192  | -1.750 | -2.909          | -2.674  | 0.220  |
|                | UNII2C | 5530           | 106 | -9.234                                 | -8.752  | -5.976 | -9.522         | -9.250  | -6.374 | -10.729         | -10.615 | -7.661 |
|                |        | 5610           | 122 | -3.161                                 | -3.672  | -0.399 | -3.929         | -4.635  | -1.258 | -5.063          | -5.511  | -2.271 |
|                |        | 5690           | 138 | -9.107                                 | -8.413  | -5.736 | -10.133        | -9.259  | -6.664 | -11.383         | -9.717  | -7.460 |
|                | UNII3  | 5775           | 155 | -5.964                                 | -6.047  | -2.995 | -7.618         | -6.856  | -4.210 | -8.530          | -7.788  | -5.133 |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |         |         |                |      |      |                 |         |         |
|----------------|--------|----------------|-----|----------------------------------------|---------|---------|----------------|------|------|-----------------|---------|---------|
|                |        |                |     | RU Index : Low                         |         |         | RU Index : Mid |      |      | RU Index : High |         |         |
|                |        |                |     | ANT1                                   | ANT2    | MIMO    | ANT1           | ANT2 | MIMO | ANT1            | ANT2    | MIMO    |
| [HE80]<br>484T | UNII1  | 5210           | 42  | -13.452                                | -14.172 | -10.787 | -              | -    | -    | -11.350         | -12.250 | -8.766  |
|                | UNII2A | 5290           | 58  | -7.875                                 | -6.799  | -4.293  | -              | -    | -    | -5.831          | -5.620  | -2.714  |
|                | UNII2C | 5530           | 106 | -12.074                                | -12.194 | -9.123  | -              | -    | -    | -13.000         | -12.771 | -9.874  |
|                |        | 5610           | 122 | -6.227                                 | -6.761  | -3.475  | -              | -    | -    | -7.168          | -7.518  | -4.329  |
|                |        | 5690           | 138 | -12.207                                | -11.760 | -8.967  | -              | -    | -    | -13.662         | -12.763 | -10.179 |
|                | UNII3  | 5775           | 155 | -8.112                                 | -8.886  | -5.471  | -              | -    | -    | -10.673         | -10.579 | -7.615  |

| Mode           | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |         |         |                 |      |      |
|----------------|--------|----------------|-----|----------------------------------------|------|------|----------------|---------|---------|-----------------|------|------|
|                |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |         |         | RU Index : High |      |      |
|                |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2    | MIMO    | ANT1            | ANT2 | MIMO |
| [HE80]<br>996T | UNII1  | 5210           | 42  | -                                      | -    | -    | -14.913        | -15.981 | -12.404 | -               | -    | -    |
|                | UNII2A | 5290           | 58  | -                                      | -    | -    | -8.066         | -8.659  | -5.342  | -               | -    | -    |
|                | UNII2C | 5530           | 106 | -                                      | -    | -    | -15.716        | -15.440 | -12.566 | -               | -    | -    |
|                |        | 5610           | 122 | -                                      | -    | -    | -9.132         | -9.401  | -6.254  | -               | -    | -    |
|                |        | 5690           | 138 | -                                      | -    | -    | -15.683        | -15.198 | -12.423 | -               | -    | -    |
|                | UNII3  | 5775           | 155 | -                                      | -    | -    | -11.732        | -11.252 | -8.475  | -               | -    | -    |

| Mode             | Band   | Freq.<br>[MHz] | CH. | Total Power Spectral Density [dBm/MHz] |      |      |                |        |        |                 |      |      |
|------------------|--------|----------------|-----|----------------------------------------|------|------|----------------|--------|--------|-----------------|------|------|
|                  |        |                |     | RU Index : Low                         |      |      | RU Index : Mid |        |        | RU Index : High |      |      |
|                  |        |                |     | ANT1                                   | ANT2 | MIMO | ANT1           | ANT2   | MIMO   | ANT1            | ANT2 | MIMO |
| [HE80]<br><br>SU | UNII1  | 5210           | 42  | -                                      | -    | -    | -6.177         | -5.240 | -2.673 | -               | -    | -    |
|                  | UNII2A | 5290           | 58  | -                                      | -    | -    | -7.528         | -7.277 | -4.390 | -               | -    | -    |
|                  | UNII2C | 5530           | 106 | -                                      | -    | -    | -7.707         | -7.784 | -4.735 | -               | -    | -    |
|                  |        | 5610           | 122 | -                                      | -    | -    | -6.485         | -6.089 | -3.272 | -               | -    | -    |
|                  |        | 5690           | 138 | -                                      | -    | -    | -5.310         | -6.176 | -2.711 | -               | -    | -    |
|                  | UNII3  | 5775           | 155 | -                                      | -    | -    | -8.149         | -8.566 | -5.342 | -               | -    | -    |

## 10.6 STRADDLE CHANNEL

### 10.6.1 26 dB Bandwidth

#### Test Note:

1. [UNII 2C] 26 dB Bandwidth = 5725 MHz - Measured Frequency[MHz]
2. [UNII 3] 26 dB Bandwidth = Measured Frequency[MHz] -5725 MHz
3. # : 26 dB bandwidth is only located in UNII 2C. Therefore 26 dB bandwidth do not overlap.

#### 10.6.1.1 SISO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 17.24             | 4.20   |
|      |                    |                |       | 4           | 14.04             | 4.24   |
|      |                    |                |       | 7           | 14.00             | 5.40   |
|      |                    |                |       | 8           | 14.08             | 7.52   |
|      |                    |                | 52 T  | 37          | 17.24             | 4.32   |
|      |                    |                |       | 38          | 14.20             | 4.40   |
|      |                    |                |       | 39          | 14.12             | 4.16   |
|      |                    |                |       | 40          | 14.16             | 7.12   |
|      |                    |                | 106 T | 53          | 17.52             | 4.84   |
|      |                    |                |       | 54          | 14.48             | 7.40   |
|      |                    |                | 242 T | 61          | 17.44             | 7.64   |
|      |                    |                | SU    | -           | 17.04             | 7.16   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | 9           | 18.28             | 4.12   |
|      |                    |                |       | 16          | 14.44             | 5.24   |
|      |                    |                |       | 17          | 14.44             | 7.24   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | 41          | 19.00             | 4.36   |
|      |                    |                |       | 43          | 14.44             | 4.36   |
|      |                    |                |       | 44          | 14.44             | 7.40   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 54        | -                 | -      |
|      |                    |                |       | 55          | 18.04             | 4.76   |
|      |                    |                |       | 56          | 15.24             | 7.80   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | 62          | 18.36             | 7.32   |
|      |                    |                | 484 T | 65          | 37.88             | 7.48   |
|      |                    |                | SU    | -           | 37.64             | 7.40   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | # 18        | -                 | -      |
|      |                    |                |       | 35          | 14.52             | 7.08   |
|      |                    |                |       | 36          | 14.68             | 8.20   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | # 45        | -                 | -      |
|      |                    |                |       | 51          | 14.52             | 4.52   |
|      |                    |                |       | 52          | 14.84             | 7.88   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 57        | -                 | -      |
|      |                    |                |       | 59          | 18.84             | 4.84   |
|      |                    |                |       | 60          | 15.16             | 8.20   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | # 62        | -                 | -      |
|      |                    |                |       | 63          | 38.04             | 6.12   |
|      |                    |                |       | 64          | 18.68             | 8.20   |
|      |                    |                | 484 T | # 65        | -                 | -      |
|      |                    |                |       | 66          | 37.40             | 7.88   |
|      |                    |                | 996 T | 67          | 78.68             | 7.88   |
|      |                    |                | SU    | -           | 79.00             | 7.72   |

### 10.6.1.2 MIMO Ant. 1

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 17.20             | 4.16   |
|      |                    |                |       | 4           | 14.04             | 4.00   |
|      |                    |                |       | 7           | 14.00             | 5.12   |
|      |                    |                |       | 8           | 14.20             | 7.28   |
|      |                    |                | 52 T  | 37          | 17.48             | 4.36   |
|      |                    |                |       | 38          | 14.24             | 4.40   |
|      |                    |                |       | 39          | 14.24             | 4.36   |
|      |                    |                |       | 40          | 14.24             | 6.76   |
|      |                    |                | 106 T | 53          | 17.56             | 4.80   |
|      |                    |                |       | 54          | 14.96             | 7.72   |
|      |                    |                | 242 T | 61          | 17.24             | 7.28   |
|      |                    |                | SU    | -           | 16.88             | 6.84   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | 9           | 18.52             | 4.12   |
|      |                    |                |       | 16          | 14.52             | 5.16   |
|      |                    |                |       | 17          | 14.36             | 7.24   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | 41          | 18.92             | 4.36   |
|      |                    |                |       | 43          | 14.68             | 4.36   |
|      |                    |                |       | 44          | 14.68             | 7.24   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 54        | -                 | -      |
|      |                    |                |       | 55          | 17.96             | 4.92   |
|      |                    |                |       | 56          | 15.24             | 7.48   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | 62          | 18.68             | 7.72   |
|      |                    |                | 484 T | 65          | 37.72             | 7.08   |
|      |                    |                | SU    | -           | 37.64             | 6.52   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | # 18        | -                 | -      |
|      |                    |                |       | 35          | 14.20             | 6.12   |
|      |                    |                |       | 36          | 14.20             | 8.36   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | # 45        | -                 | -      |
|      |                    |                |       | 51          | 35.32             | 4.84   |
|      |                    |                |       | 52          | 14.68             | 8.04   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 57        | -                 | -      |
|      |                    |                |       | 59          | 35.48             | 5.48   |
|      |                    |                |       | 60          | 35.64             | 9.00   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | # 62        | -                 | -      |
|      |                    |                |       | 63          | 38.84             | 5.64   |
|      |                    |                |       | 64          | 35.64             | 7.56   |
|      |                    |                | 484 T | # 65        | -                 | -      |
|      |                    |                |       | 66          | 38.20             | 8.52   |
|      |                    |                | 996 T | 67          | 78.52             | 7.40   |
|      |                    |                | SU    | -           | 78.36             | 7.72   |

### 10.6.1.3 MIMO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 16.72             | 4.08   |
|      |                    |                |       | 4           | 13.96             | 4.16   |
|      |                    |                |       | 7           | 13.96             | 4.64   |
|      |                    |                |       | 8           | 13.96             | 6.92   |
|      |                    |                | 52 T  | 37          | 16.36             | 4.24   |
|      |                    |                |       | 38          | 14.24             | 4.28   |
|      |                    |                |       | 39          | 14.00             | 4.28   |
|      |                    |                |       | 40          | 13.96             | 7.12   |
|      |                    |                | 106 T | 53          | 17.08             | 4.36   |
|      |                    |                |       | 54          | 14.52             | 6.80   |
|      |                    |                | 242 T | 61          | 17.24             | 6.60   |
|      |                    |                | SU    | -           | 17.00             | 6.28   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | 9           | 17.48             | 4.12   |
|      |                    |                |       | 16          | 14.36             | 4.76   |
|      |                    |                |       | 17          | 14.28             | 6.92   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | 41          | 18.12             | 4.52   |
|      |                    |                |       | 43          | 15.24             | 4.44   |
|      |                    |                |       | 44          | 14.60             | 6.84   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 54        | -                 | -      |
|      |                    |                |       | 55          | 18.12             | 4.84   |
|      |                    |                |       | 56          | 15.40             | 7.32   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | 62          | 18.20             | 7.32   |
|      |                    |                | 484 T | 65          | 37.08             | 6.92   |
|      |                    |                | SU    | -           | 36.52             | 6.52   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 26 dB BW<br>(MHz) |        |
|------|--------------------|----------------|-------|-------------|-------------------|--------|
|      |                    |                |       |             | UNII 2C           | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                 | -      |
|      |                    |                |       | # 18        | -                 | -      |
|      |                    |                |       | 35          | 14.52             | 5.64   |
|      |                    |                |       | 36          | 14.52             | 7.72   |
|      |                    |                | 52 T  | # 37        | -                 | -      |
|      |                    |                |       | # 45        | -                 | -      |
|      |                    |                |       | 51          | 15.00             | 4.52   |
|      |                    |                |       | 52          | 14.52             | 8.20   |
|      |                    |                | 106 T | # 53        | -                 | -      |
|      |                    |                |       | # 57        | -                 | -      |
|      |                    |                |       | 59          | 19.16             | 5.80   |
|      |                    |                |       | 60          | 15.80             | 7.88   |
|      |                    |                | 242 T | # 61        | -                 | -      |
|      |                    |                |       | # 62        | -                 | -      |
|      |                    |                |       | 63          | 37.88             | 4.52   |
|      |                    |                |       | 64          | 35.32             | 7.88   |
|      |                    |                | 484 T | # 65        | -                 | -      |
|      |                    |                |       | 66          | 37.88             | 7.40   |
|      |                    |                | 996 T | 67          | 77.88             | 7.40   |
|      |                    |                | SU    | -           | 78.36             | 7.24   |

## 10.6.2 6 dB Bandwidth

### Test Note:

1. 6 dB Bandwidth = Measured Frequency[MHz] – 5725 MHz
2. # : 6 dB bandwidth is only located in UNII 2C. Therefore 6 dB bandwidth do not overlap.
3. Limit : > 0.5 MHz

### 10.6.2.1 SISO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE20 | 5720               | 144            | 26 T  | # 0         | -                |
|      |                    |                |       | # 4         | -                |
|      |                    |                |       | 7           | 2.52             |
|      |                    |                |       | 8           | 4.52             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 38        | -                |
|      |                    |                |       | 39          | 2.56             |
|      |                    |                |       | 40          | 4.56             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | 54          | 4.64             |
|      |                    |                | 242 T | 61          | 4.60             |
|      |                    |                | SU    | -           | 4.56             |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                |
|      |                    |                |       | # 9         | -                |
|      |                    |                |       | 16          | 2.12             |
|      |                    |                |       | 17          | 4.12             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 41        | -                |
|      |                    |                |       | # 43        | 2.60             |
|      |                    |                |       | 44          | 4.12             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 54        | -                |
|      |                    |                |       | 55          | 2.68             |
|      |                    |                |       | 56          | 4.12             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | 62          | 4.12             |
|      |                    |                | 484 T | 65          | 4.12             |
|      |                    |                | SU    | -           | 4.12             |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                |
|      |                    |                |       | # 18        | -                |
|      |                    |                |       | 35          | 2.12             |
|      |                    |                |       | 36          | 4.20             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 45        | -                |
|      |                    |                |       | # 51        | -                |
|      |                    |                |       | 52          | 4.20             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 57        | -                |
|      |                    |                |       | # 59        | -                |
|      |                    |                |       | 60          | 4.20             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | # 62        | -                |
|      |                    |                |       | 63          | 2.76             |
|      |                    |                |       | 64          | 4.20             |
|      |                    |                | 484 T | # 65        | -                |
|      |                    |                |       | 66          | 4.20             |
|      |                    |                | 996 T | 67          | 4.20             |
|      |                    |                | SU    | -           | 4.20             |

### 10.6.2.2 MIMO Ant. 1

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE20 | 5720               | 144            | 26 T  | # 0         | -                |
|      |                    |                |       | # 4         | -                |
|      |                    |                |       | 7           | 2.52             |
|      |                    |                |       | 8           | 4.52             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 38        | -                |
|      |                    |                |       | 39          | 2.56             |
|      |                    |                |       | 40          | 4.52             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | 54          | 4.56             |
|      |                    |                | 242 T | 61          | 4.60             |
|      |                    |                | SU    | -           | 4.56             |

802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                |
|      |                    |                |       | # 9         | -                |
|      |                    |                |       | 16          | 2.04             |
|      |                    |                |       | 17          | 4.12             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 41        | -                |
|      |                    |                |       | # 43        | 2.60             |
|      |                    |                |       | 44          | 4.12             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 54        | -                |
|      |                    |                |       | 55          | 2.60             |
|      |                    |                |       | 56          | 4.04             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | 62          | 4.12             |
|      |                    |                | 484 T | 65          | 4.12             |
|      |                    |                | SU    | -           | 4.12             |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                |
|      |                    |                |       | # 18        | -                |
|      |                    |                |       | 35          | 2.12             |
|      |                    |                |       | 36          | 4.20             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 45        | -                |
|      |                    |                |       | # 51        | -                |
|      |                    |                |       | 52          | 4.20             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 57        | -                |
|      |                    |                |       | # 59        | -                |
|      |                    |                |       | 60          | 4.20             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | # 62        | -                |
|      |                    |                |       | 63          | 2.76             |
|      |                    |                |       | 64          | 4.20             |
|      |                    |                | 484 T | # 65        | -                |
|      |                    |                |       | 66          | 4.20             |
|      |                    |                | 996 T | 67          | 4.04             |
|      |                    |                | SU    | -           | 4.04             |

### 10.6.2.3 MIMO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE20 | 5720               | 144            | 26 T  | # 0         | -                |
|      |                    |                |       | # 4         | -                |
|      |                    |                |       | 7           | 2.52             |
|      |                    |                |       | 8           | 4.56             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 38        | -                |
|      |                    |                |       | 39          | 2.56             |
|      |                    |                |       | 40          | 4.56             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | 54          | 4.60             |
|      |                    |                | 242 T | 61          | 4.60             |
|      |                    |                | SU    | -           | 4.56             |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                |
|      |                    |                |       | # 9         | -                |
|      |                    |                |       | 16          | 2.04             |
|      |                    |                |       | 17          | 4.12             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 41        | -                |
|      |                    |                |       | # 43        | 2.60             |
|      |                    |                |       | 44          | 4.12             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 54        | -                |
|      |                    |                |       | 55          | 2.60             |
|      |                    |                |       | 56          | 4.12             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | 62          | 4.12             |
|      |                    |                | 484 T | 65          | 4.12             |
|      |                    |                | SU    | -           | 4.12             |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | 6 dB BW<br>(MHz) |
|------|--------------------|----------------|-------|-------------|------------------|
|      |                    |                |       |             | UNII 3           |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                |
|      |                    |                |       | # 18        | -                |
|      |                    |                |       | 35          | 2.12             |
|      |                    |                |       | 36          | 4.20             |
|      |                    |                | 52 T  | # 37        | -                |
|      |                    |                |       | # 45        | -                |
|      |                    |                |       | # 51        | -                |
|      |                    |                |       | 52          | 4.20             |
|      |                    |                | 106 T | # 53        | -                |
|      |                    |                |       | # 57        | -                |
|      |                    |                |       | # 59        | -                |
|      |                    |                |       | 60          | 4.20             |
|      |                    |                | 242 T | # 61        | -                |
|      |                    |                |       | # 62        | -                |
|      |                    |                |       | 63          | 2.76             |
|      |                    |                |       | 64          | 4.20             |
|      |                    |                | 484 T | # 65        | -                |
|      |                    |                |       | 66          | 4.20             |
|      |                    |                | 996 T | 67          | 4.20             |
|      |                    |                | SU    | -           | 4.20             |

### 10.6.3 Output Power

#### Test Note:

1. # : 26 dB bandwidth is only located in UNII 2C. Therefore 26 dB bandwidth do not overlap.
2. Limit(2C) : 23.98 dBm or 11 dBm + 10 log B, (where B is the 26 dB emission bandwidth in megahertz.)
3. Limit(UNII 3) : 30.00 dBm

#### 10.6.3.1 SISO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 8.57                 | -21.23 |
|      |                    |                |       | 4           | 8.20                 | -20.28 |
|      |                    |                |       | 7           | -8.37                | 8.00   |
|      |                    |                |       | 8           | -15.51               | 7.99   |
|      |                    |                | 52 T  | 37          | 8.34                 | -21.84 |
|      |                    |                |       | 38          | 8.15                 | -20.78 |
|      |                    |                |       | 39          | 7.52                 | -2.02  |
|      |                    |                |       | 40          | -10.80               | 7.92   |
|      |                    |                | 106 T | 53          | 8.43                 | -17.55 |
|      |                    |                |       | 54          | 4.72                 | 5.56   |
|      |                    |                | 242 T | 61          | 7.22                 | 2.05   |
|      |                    |                | SU    | -           | 13.41                | 8.20   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | 9           | 8.69                 | -21.01 |
|      |                    |                |       | 16          | -1.31                | 8.09   |
|      |                    |                |       | 17          | -14.18               | 8.46   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | 41          | 8.64                 | -21.04 |
|      |                    |                |       | 43          | 8.51                 | -7.68  |
|      |                    |                |       | 44          | -4.09                | 8.28   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 54        | -                    | -      |
|      |                    |                |       | 55          | 8.72                 | -16.94 |
|      |                    |                |       | 56          | 5.81                 | 5.41   |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | 62          | 7.70                 | 2.04   |
|      |                    |                | 484 T | 65          | 8.70                 | -0.72  |
|      |                    |                | SU    | -           | 12.35                | 2.93   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | # 18        | -                    | -      |
|      |                    |                |       | 35          | -6.90                | 2.50   |
|      |                    |                |       | 36          | -20.21               | 2.90   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | # 45        | -                    | -      |
|      |                    |                |       | 51          | 3.03                 | -13.13 |
|      |                    |                |       | 52          | -9.42                | 2.96   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 57        | -                    | -      |
|      |                    |                |       | 59          | 3.18                 | -22.59 |
|      |                    |                |       | 60          | 0.35                 | 0.11   |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | # 62        | -                    | -      |
|      |                    |                |       | 63          | 3.32                 | -22.03 |
|      |                    |                |       | 64          | 2.21                 | -3.21  |
|      |                    |                | 484 T | # 65        | -                    | -      |
|      |                    |                |       | 66          | 3.08                 | -6.09  |
|      |                    |                | 996 T | 67          | 2.81                 | -9.60  |
|      |                    |                | SU    | -           | 11.55                | -1.03  |

### 10.6.3.2 MIMO Ant. 1

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 7.96                 | -21.27 |
|      |                    |                |       | 4           | 7.35                 | -21.34 |
|      |                    |                |       | 7           | -9.01                | 7.10   |
|      |                    |                |       | 8           | -16.36               | 7.13   |
|      |                    |                | 52 T  | 37          | 7.65                 | -19.51 |
|      |                    |                |       | 38          | 7.46                 | -18.87 |
|      |                    |                |       | 39          | 6.77                 | -2.84  |
|      |                    |                |       | 40          | -10.01               | 7.11   |
|      |                    |                | 106 T | 53          | 7.88                 | -15.39 |
|      |                    |                |       | 54          | 4.07                 | 4.80   |
|      |                    |                | 242 T | 61          | 6.76                 | 1.46   |
|      |                    |                | SU    | -           | 12.36                | 7.06   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | 9           | 7.56                 | -21.39 |
|      |                    |                |       | 16          | -2.58                | 6.82   |
|      |                    |                |       | 17          | -15.33               | 7.07   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | 41          | 7.47                 | -19.27 |
|      |                    |                |       | 43          | 7.37                 | -8.73  |
|      |                    |                |       | 44          | -4.99                | 7.07   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 54        | -                    | -      |
|      |                    |                |       | 55          | 7.80                 | -15.55 |
|      |                    |                |       | 56          | 4.83                 | 4.33   |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | 62          | 7.07                 | 1.22   |
|      |                    |                | 484 T | 65          | 8.25                 | -1.43  |
|      |                    |                | SU    | -           | 11.90                | 2.38   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | # 18        | -                    | -      |
|      |                    |                |       | 35          | -9.55                | 0.19   |
|      |                    |                |       | 36          | -21.86               | 0.52   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | # 45        | -                    | -      |
|      |                    |                |       | 51          | 0.67                 | -15.47 |
|      |                    |                |       | 52          | -11.68               | 0.44   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 57        | -                    | -      |
|      |                    |                |       | 59          | 1.11                 | -21.87 |
|      |                    |                |       | 60          | -1.91                | -2.28  |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | # 62        | -                    | -      |
|      |                    |                |       | 63          | 1.71                 | -21.59 |
|      |                    |                |       | 64          | 0.24                 | -5.55  |
|      |                    |                | 484 T | # 65        | -                    | -      |
|      |                    |                |       | 66          | 1.39                 | -8.10  |
|      |                    |                | 996 T | 67          | 2.47                 | -10.79 |
|      |                    |                | SU    | -           | 10.69                | -2.30  |

### 10.6.3.3 MIMO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE20 | 5720               | 144            | 26 T  | 0           | 7.46                 | -22.39 |
|      |                    |                |       | 4           | 7.05                 | -21.64 |
|      |                    |                |       | 7           | -9.58                | 6.87   |
|      |                    |                |       | 8           | -16.05               | 6.86   |
|      |                    |                | 52 T  | 37          | 7.18                 | -18.50 |
|      |                    |                |       | 38          | 7.02                 | -18.82 |
|      |                    |                |       | 39          | 6.41                 | -3.15  |
|      |                    |                |       | 40          | -10.93               | 6.83   |
|      |                    |                | 106 T | 53          | 7.47                 | -15.58 |
|      |                    |                |       | 54          | 3.78                 | 4.50   |
|      |                    |                | 242 T | 61          | 6.34                 | 1.23   |
|      |                    |                | SU    | -           | 12.44                | 7.33   |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE40 | 5710               | 142            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | 9           | 6.68                 | -21.37 |
|      |                    |                |       | 16          | -3.38                | 6.12   |
|      |                    |                |       | 17          | -16.28               | 6.47   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | 41          | 6.72                 | -19.52 |
|      |                    |                |       | 43          | 6.66                 | -9.56  |
|      |                    |                |       | 44          | -5.66                | 6.37   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 54        | -                    | -      |
|      |                    |                |       | 55          | 6.89                 | -15.90 |
|      |                    |                |       | 56          | 4.04                 | 3.54   |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | 62          | 6.15                 | 0.41   |
|      |                    |                | 484 T | 65          | 7.13                 | -2.35  |
|      |                    |                | SU    | -           | 11.36                | 2.02   |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | Total Power<br>(dBm) |        |
|------|--------------------|----------------|-------|-------------|----------------------|--------|
|      |                    |                |       |             | UNII 2C              | UNII 3 |
| HE80 | 5690               | 138            | 26 T  | # 0         | -                    | -      |
|      |                    |                |       | # 18        | -                    | -      |
|      |                    |                |       | 35          | -7.49                | 1.69   |
|      |                    |                |       | 36          | -20.87               | 2.17   |
|      |                    |                | 52 T  | # 37        | -                    | -      |
|      |                    |                |       | # 45        | -                    | -      |
|      |                    |                |       | 51          | 2.30                 | -14.01 |
|      |                    |                |       | 52          | -9.79                | 2.11   |
|      |                    |                | 106 T | # 53        | -                    | -      |
|      |                    |                |       | # 57        | -                    | -      |
|      |                    |                |       | 59          | 2.42                 | -20.30 |
|      |                    |                |       | 60          | -0.34                | -0.75  |
|      |                    |                | 242 T | # 61        | -                    | -      |
|      |                    |                |       | # 62        | -                    | -      |
|      |                    |                |       | 63          | 2.82                 | -20.11 |
|      |                    |                |       | 64          | 1.62                 | -3.93  |
|      |                    |                | 484 T | # 65        | -                    | -      |
|      |                    |                |       | 66          | 2.49                 | -6.71  |
|      |                    |                | 996 T | 67          | 3.24                 | -9.24  |
|      |                    |                | SU    | -           | 10.25                | -2.47  |

#### 10.6.4 Power Spectral Density

**Test Note:** Limit(UNII 3) : 30.0 dBm/500 kHz

##### 10.6.4.1 SISO Ant. 2

##### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE20 | 5720               | 144            | 26 T  | 0           | 6.078        | -20.842 |
|      |                    |                |       | 4           | 4.391        | -23.775 |
|      |                    |                |       | 7           | -3.651       | 2.689   |
|      |                    |                |       | 8           | -18.866      | 2.774   |
|      |                    |                | 52 T  | 37          | 3.001        | -21.056 |
|      |                    |                |       | 38          | 2.720        | -22.174 |
|      |                    |                |       | 39          | 2.635        | -1.033  |
|      |                    |                |       | 40          | -6.375       | -0.341  |
|      |                    |                | 106 T | 53          | 0.080        | -20.560 |
|      |                    |                |       | 54          | -0.300       | -3.287  |
|      |                    |                | 242 T | 61          | -3.534       | -6.724  |
|      |                    |                | SU    | -           | 2.709        | -0.599  |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE40 | 5710               | 142            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | 9           | 6.046        | -23.506 |
|      |                    |                |       | 16          | 2.564        | 2.925   |
|      |                    |                |       | 17          | -19.710      | 2.788   |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | 41          | 3.194        | -23.227 |
|      |                    |                |       | 43          | 2.932        | -10.395 |
|      |                    |                |       | 44          | -0.095       | 0.082   |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 54        | -            | -       |
|      |                    |                |       | 55          | 0.227        | -22.207 |
|      |                    |                |       | 56          | -0.154       | -3.111  |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | 62          | -3.232       | -6.501  |
|      |                    |                | 484 T | 65          | -5.435       | -9.054  |
|      |                    |                | SU    | -           | -1.921       | -5.662  |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE80 | 5690               | 138            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | # 18        | -            | -       |
|      |                    |                |       | 35          | -4.743       | -3.237  |
|      |                    |                |       | 36          | -26.890      | -3.386  |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | # 45        | -            | -       |
|      |                    |                |       | 51          | -2.836       | -18.056 |
|      |                    |                |       | 52          | -6.945       | -5.601  |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 57        | -            | -       |
|      |                    |                |       | 59          | -5.776       | -27.793 |
|      |                    |                |       | 60          | -5.889       | -9.077  |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | # 62        | -            | -       |
|      |                    |                |       | 63          | -9.203       | -28.462 |
|      |                    |                |       | 64          | -9.219       | -12.021 |
|      |                    |                | 484 T | # 65        | -            | -       |
|      |                    |                |       | 66          | -11.598      | -14.899 |
|      |                    |                | 996 T | 67          | -13.588      | -18.377 |
|      |                    |                | SU    | -           | -5.542       | -9.317  |

### 10.6.4.2 MIMO Ant. 1

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE20 | 5720               | 144            | 26 T  | 0           | 5.473        | -28.446 |
|      |                    |                |       | 4           | 3.786        | -24.851 |
|      |                    |                |       | 7           | -4.277       | 1.763   |
|      |                    |                |       | 8           | -20.227      | 1.718   |
|      |                    |                | 52 T  | 37          | 2.315        | -22.971 |
|      |                    |                |       | 38          | 1.956        | -21.775 |
|      |                    |                |       | 39          | 1.810        | -1.915  |
|      |                    |                |       | 40          | -7.220       | -1.178  |
|      |                    |                | 106 T | 53          | -0.431       | -20.655 |
|      |                    |                |       | 54          | -1.046       | -4.110  |
|      |                    |                | 242 T | 61          | -4.005       | -6.922  |
|      |                    |                | SU    | -           | 1.822        | -1.442  |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE40 | 5710               | 142            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | 9           | 4.751        | -43.765 |
|      |                    |                |       | 16          | 1.136        | 1.801   |
|      |                    |                |       | 17          | -19.258      | 1.297   |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | 41          | 1.915        | -24.904 |
|      |                    |                |       | 43          | 1.586        | -11.712 |
|      |                    |                |       | 44          | -1.185       | -1.150  |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 54        | -            | -       |
|      |                    |                |       | 55          | -0.890       | -20.578 |
|      |                    |                |       | 56          | -1.052       | -4.143  |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | 62          | -3.775       | -7.119  |
|      |                    |                | 484 T | 65          | -5.748       | -9.601  |
|      |                    |                | SU    | -           | -2.271       | -6.177  |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE80 | 5690               | 138            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | # 18        | -            | -       |
|      |                    |                |       | 35          | -8.986       | -5.838  |
|      |                    |                |       | 36          | -25.412      | -5.686  |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | # 45        | -            | -       |
|      |                    |                |       | 51          | -5.087       | -20.528 |
|      |                    |                |       | 52          | -9.202       | -7.877  |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 57        | -            | -       |
|      |                    |                |       | 59          | -7.930       | -26.668 |
|      |                    |                |       | 60          | -8.061       | -10.942 |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | # 62        | -            | -       |
|      |                    |                |       | 63          | -10.650      | -28.461 |
|      |                    |                |       | 64          | -10.963      | -14.484 |
|      |                    |                | 484 T | # 65        | -            | -       |
|      |                    |                |       | 66          | -13.368      | -16.982 |
|      |                    |                | 996 T | 67          | -13.873      | -18.992 |
|      |                    |                | SU    | -           | -6.200       | -10.680 |

### 10.6.4.3 MIMO Ant. 2

#### 802.11ax(HE20)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE20 | 5720               | 144            | 26 T  | 0           | 5.093        | -23.710 |
|      |                    |                |       | 4           | 3.482        | -23.622 |
|      |                    |                |       | 7           | -5.483       | 1.566   |
|      |                    |                |       | 8           | -21.215      | 1.583   |
|      |                    |                | 52 T  | 37          | 1.666        | -22.390 |
|      |                    |                |       | 38          | 1.547        | -23.848 |
|      |                    |                |       | 39          | 1.391        | -1.663  |
|      |                    |                |       | 40          | -8.599       | -1.290  |
|      |                    |                | 106 T | 53          | -0.723       | -20.002 |
|      |                    |                |       | 54          | -1.366       | -4.105  |
|      |                    |                | 242 T | 61          | -4.326       | -7.771  |
|      |                    |                | SU    | -           | 2.014        | -1.068  |

## 802.11ax(HE40)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE40 | 5710               | 142            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | 9           | 3.716        | -27.790 |
|      |                    |                |       | 16          | 0.158        | 0.987   |
|      |                    |                |       | 17          | -20.730      | 0.707   |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | 41          | 1.050        | -27.471 |
|      |                    |                |       | 43          | 1.013        | -13.007 |
|      |                    |                |       | 44          | -1.681       | -2.004  |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 54        | -            | -       |
|      |                    |                |       | 55          | -1.747       | -21.662 |
|      |                    |                |       | 56          | -1.894       | -4.949  |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | 62          | -4.837       | -7.791  |
|      |                    |                | 484 T | 65          | -6.711       | -10.692 |
|      |                    |                | SU    | -           | -2.822       | -6.274  |

## 802.11ax(HE80)

| BW   | Frequency<br>[MHz] | Channel<br>No. | Tone  | RU<br>Index | PSD<br>(dBm) |         |
|------|--------------------|----------------|-------|-------------|--------------|---------|
|      |                    |                |       |             | UNII 2C      | UNII 3  |
| HE80 | 5690               | 138            | 26 T  | # 0         | -            | -       |
|      |                    |                |       | # 18        | -            | -       |
|      |                    |                |       | 35          | -4.885       | -3.645  |
|      |                    |                |       | 36          | -25.618      | -3.616  |
|      |                    |                | 52 T  | # 37        | -            | -       |
|      |                    |                |       | # 45        | -            | -       |
|      |                    |                |       | 51          | -3.603       | -18.182 |
|      |                    |                |       | 52          | -7.613       | -6.354  |
|      |                    |                | 106 T | # 53        | -            | -       |
|      |                    |                |       | # 57        | -            | -       |
|      |                    |                |       | 59          | -6.467       | -25.816 |
|      |                    |                |       | 60          | -6.457       | -9.499  |
|      |                    |                | 242 T | # 61        | -            | -       |
|      |                    |                |       | # 62        | -            | -       |
|      |                    |                |       | 63          | -9.431       | -27.056 |
|      |                    |                |       | 64          | -9.823       | -12.631 |
|      |                    |                | 484 T | # 65        | -            | -       |
|      |                    |                |       | 66          | -12.185      | -15.617 |
|      |                    |                | 996 T | 67          | -13.407      | -18.014 |
|      |                    |                | SU    | -           | -6.617       | -10.906 |

**10.7 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)****Frequency Range : 9 kHz – 30 MHz**

| Frequency               | Measured Value | CL+AF+DF-AG | ANT. POL | Total    | Limit    | Margin |
|-------------------------|----------------|-------------|----------|----------|----------|--------|
| [MHz]                   | [dBμV]         | [dB/m]      | [H/V]    | [dBμV/m] | [dBμV/m] | [dB]   |
| No Critical peaks found |                |             |          |          |          |        |

**Note:**

1. The Measured Value of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor =  $40\log(\text{specific distance} / \text{test distance})$  (dB)
3. Limit line = specific Limits (dBμV) + Distance extrapolation factor

**Frequency Range : Below 1 GHz**

| Frequency               | Measured Value | A.F+C.L | ANT. POL | Total    | Limit    | Margin |
|-------------------------|----------------|---------|----------|----------|----------|--------|
| [MHz]                   | [dBμV]         | [dB/m]  | [H/V]    | [dBμV/m] | [dBμV/m] | [dB]   |
| No Critical peaks found |                |         |          |          |          |        |

**Note:**

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode

## 10.8 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

### MIMO

#### 10.8.1 802.11ax(HE20)

##### 1) SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5180 MHz       |
| Channel No.         | 36 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10360              | 43.89                       | 8.52                  | V                    | 52.41             | 68.20             | 15.79          | PK                  |
| 15540              | 40.95                       | 13.29                 | V                    | 54.24             | 73.98             | 19.74          | PK                  |
| 15540              | 27.40                       | 13.29                 | V                    | 40.69             | 53.98             | 13.29          | AV                  |
| 10360              | 43.44                       | 8.52                  | H                    | 51.96             | 68.20             | 16.24          | PK                  |
| 15540              | 39.77                       | 13.29                 | H                    | 53.06             | 73.98             | 20.92          | PK                  |
| 15540              | 27.53                       | 13.29                 | H                    | 40.82             | 53.98             | 13.16          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5200 MHz       |
| Channel No.         | 40 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10400              | 43.47                       | 8.86                  | V                    | 52.33             | 68.20             | 15.87          | PK                  |
| 15600              | 39.27                       | 13.36                 | V                    | 52.63             | 73.98             | 21.35          | PK                  |
| 15600              | 27.17                       | 13.36                 | V                    | 40.53             | 53.98             | 13.45          | AV                  |
| 10400              | 43.47                       | 8.86                  | H                    | 52.33             | 68.20             | 15.87          | PK                  |
| 15600              | 40.31                       | 13.36                 | H                    | 53.67             | 73.98             | 20.31          | PK                  |
| 15600              | 27.36                       | 13.36                 | H                    | 40.72             | 53.98             | 13.26          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5240 MHz       |
| Channel No.         | 48 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10480              | 43.20                       | 9.22                  | V                    | 52.42             | 68.20             | 15.78          | PK                  |
| 15720              | 39.44                       | 13.27                 | V                    | 52.71             | 73.98             | 21.27          | PK                  |
| 15720              | 26.95                       | 13.27                 | V                    | 40.22             | 53.98             | 13.76          | AV                  |
| 10480              | 43.35                       | 9.22                  | H                    | 52.57             | 68.20             | 15.63          | PK                  |
| 15720              | 39.70                       | 13.27                 | H                    | 52.97             | 73.98             | 21.01          | PK                  |
| 15720              | 27.07                       | 13.27                 | H                    | 40.34             | 53.98             | 13.64          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5260 MHz       |
| Channel No.         | 52 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10520              | 42.29                       | 9.29                  | V                    | 51.58             | 68.20             | 16.62          | PK                  |
| 15780              | 40.67                       | 13.27                 | V                    | 53.94             | 73.98             | 20.04          | PK                  |
| 15780              | 27.80                       | 13.27                 | V                    | 41.07             | 53.98             | 12.91          | AV                  |
| 10520              | 42.80                       | 9.29                  | H                    | 52.09             | 68.20             | 16.11          | PK                  |
| 15780              | 40.79                       | 13.27                 | H                    | 54.06             | 73.98             | 19.92          | PK                  |
| 15780              | 27.97                       | 13.27                 | H                    | 41.24             | 53.98             | 12.74          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5300 MHz       |
| Channel No.         | 60 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10600              | 42.61                       | 10.19                 | V                    | 52.80             | 73.98             | 21.18          | PK                  |
| 10600              | 29.69                       | 10.19                 | V                    | 39.88             | 53.98             | 14.10          | AV                  |
| 15900              | 40.60                       | 12.93                 | V                    | 53.53             | 73.98             | 20.45          | PK                  |
| 15900              | 28.36                       | 12.93                 | V                    | 41.29             | 53.98             | 12.69          | AV                  |
| 10600              | 42.07                       | 10.19                 | H                    | 52.26             | 73.98             | 21.72          | PK                  |
| 10600              | 30.04                       | 10.19                 | H                    | 40.23             | 53.98             | 13.75          | AV                  |
| 15900              | 41.14                       | 12.93                 | H                    | 54.07             | 73.98             | 19.91          | PK                  |
| 15900              | 28.27                       | 12.93                 | H                    | 41.20             | 53.98             | 12.78          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5320 MHz       |
| Channel No.         | 64 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10640              | 41.88                       | 9.80                  | V                    | 51.68             | 73.98             | 22.30          | PK                  |
| 10640              | 29.47                       | 9.80                  | V                    | 39.27             | 53.98             | 14.71          | AV                  |
| 15960              | 40.29                       | 12.63                 | V                    | 52.92             | 73.98             | 21.06          | PK                  |
| 15960              | 28.05                       | 12.63                 | V                    | 40.68             | 53.98             | 13.30          | AV                  |
| 10640              | 41.91                       | 9.80                  | H                    | 51.71             | 73.98             | 22.27          | PK                  |
| 10640              | 29.92                       | 9.80                  | H                    | 39.72             | 53.98             | 14.26          | AV                  |
| 15960              | 41.18                       | 12.63                 | H                    | 53.81             | 73.98             | 20.17          | PK                  |
| 15960              | 28.13                       | 12.63                 | H                    | 40.76             | 53.98             | 13.22          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5500 MHz       |
| Channel No.         | 100 Ch         |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------|-------------------|-------------------|-------------------|----------------|------------------|
| 11000              | 42.92                    | 10.95                 | V                 | 53.87             | 73.98             | 20.11          | PK               |
| 11000              | 29.37                    | 10.95                 | V                 | 40.32             | 53.98             | 13.66          | AV               |
| 16500              | 41.10                    | 12.45                 | V                 | 53.55             | 68.20             | 14.65          | PK               |
| 11000              | 42.32                    | 10.95                 | H                 | 53.27             | 73.98             | 20.71          | PK               |
| 11000              | 29.50                    | 10.95                 | H                 | 40.45             | 53.98             | 13.53          | AV               |
| 16500              | 41.20                    | 12.45                 | H                 | 53.65             | 68.20             | 14.55          | PK               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5600 MHz       |
| Channel No.         | 120 Ch         |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------|-------------------|-------------------|-------------------|----------------|------------------|
| 11200              | 42.14                    | 10.80                 | V                 | 52.94             | 73.98             | 21.04          | PK               |
| 11200              | 29.39                    | 10.80                 | V                 | 40.19             | 53.98             | 13.79          | AV               |
| 16800              | 41.02                    | 13.56                 | V                 | 54.58             | 68.20             | 13.62          | PK               |
| 11200              | 42.34                    | 10.80                 | H                 | 53.14             | 73.98             | 20.84          | PK               |
| 11200              | 29.48                    | 10.80                 | H                 | 40.28             | 53.98             | 13.70          | AV               |
| 16800              | 40.90                    | 13.56                 | H                 | 54.46             | 68.20             | 13.74          | PK               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5720 MHz       |
| Channel No.         | 144 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11440              | 41.77                       | 11.07                 | V                    | 52.84             | 73.98             | 21.14          | PK                  |
| 11440              | 28.61                       | 11.07                 | V                    | 39.68             | 53.98             | 14.30          | AV                  |
| 17160              | 40.88                       | 13.93                 | V                    | 54.81             | 68.20             | 13.39          | PK                  |
| 11440              | 41.46                       | 11.07                 | H                    | 52.53             | 73.98             | 21.45          | PK                  |
| 11440              | 28.64                       | 11.07                 | H                    | 39.71             | 53.98             | 14.27          | AV                  |
| 17160              | 41.14                       | 13.93                 | H                    | 55.07             | 68.20             | 13.13          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5745MHz        |
| Channel No.         | 149 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11490              | 41.78                       | 11.30                 | V                    | 53.08             | 73.98             | 20.90          | PK                  |
| 11490              | 29.19                       | 11.30                 | V                    | 40.49             | 53.98             | 13.49          | AV                  |
| 17235              | 40.86                       | 14.50                 | V                    | 55.36             | 68.20             | 12.84          | PK                  |
| 11490              | 41.41                       | 11.30                 | H                    | 52.71             | 73.98             | 21.27          | PK                  |
| 11490              | 29.01                       | 11.30                 | H                    | 40.31             | 53.98             | 13.67          | AV                  |
| 17235              | 40.73                       | 14.50                 | H                    | 55.23             | 68.20             | 12.97          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5785 MHz       |
| Channel No.         | 157 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11570              | 41.45                       | 10.55                 | V                    | 52.00             | 73.98             | 21.98          | PK                  |
| 11570              | 29.34                       | 10.55                 | V                    | 39.89             | 53.98             | 14.09          | AV                  |
| 17355              | 40.30                       | 15.81                 | V                    | 56.11             | 68.20             | 12.09          | PK                  |
| 11570              | 41.85                       | 10.55                 | H                    | 52.40             | 73.98             | 21.58          | PK                  |
| 11570              | 29.12                       | 10.55                 | H                    | 39.67             | 53.98             | 14.31          | AV                  |
| 17355              | 40.35                       | 15.81                 | H                    | 56.16             | 68.20             | 12.04          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5825 MHz       |
| Channel No.         | 165 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11650              | 42.01                       | 10.07                 | V                    | 52.08             | 73.98             | 21.90          | PK                  |
| 11650              | 29.54                       | 10.07                 | V                    | 39.61             | 53.98             | 14.37          | AV                  |
| 17475              | 40.39                       | 17.40                 | V                    | 57.79             | 68.20             | 10.41          | PK                  |
| 11650              | 42.35                       | 10.07                 | H                    | 52.42             | 73.98             | 21.56          | PK                  |
| 11650              | 29.33                       | 10.07                 | H                    | 39.40             | 53.98             | 14.58          | AV                  |
| 17475              | 40.14                       | 17.40                 | H                    | 57.54             | 68.20             | 10.66          | PK                  |

**Note:**

All Modes of operation were investigated and the worst case configuration results are reported.  
In order to simplify the report, We only have attached RSE result of worst case.

### 10.8.2 802.11ax(HE40)

#### 1) SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5190 MHz       |
| Channel No.         | 38 Ch          |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|------------------|
| 10380              | 43.10                    | 8.77                  | V                    | 51.87             | 68.20             | 16.33          | PK               |
| 15570              | 40.27                    | 13.45                 | V                    | 53.72             | 73.98             | 20.26          | PK               |
| 15570              | 28.00                    | 13.45                 | V                    | 41.45             | 53.98             | 12.53          | AV               |
| 10380              | 43.49                    | 8.77                  | H                    | 52.26             | 68.20             | 15.94          | PK               |
| 15570              | 39.67                    | 13.45                 | H                    | 53.12             | 73.98             | 20.86          | PK               |
| 15570              | 27.94                    | 13.45                 | H                    | 41.39             | 53.98             | 12.59          | AV               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5230 MHz       |
| Channel No.         | 46 Ch          |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|------------------|
| 10460              | 43.06                    | 8.92                  | V                    | 51.98             | 68.20             | 16.22          | PK               |
| 15690              | 39.65                    | 13.27                 | V                    | 52.92             | 73.98             | 21.06          | PK               |
| 15690              | 27.74                    | 13.27                 | V                    | 41.01             | 53.98             | 12.97          | AV               |
| 10460              | 42.88                    | 8.92                  | H                    | 51.80             | 68.20             | 16.40          | PK               |
| 15690              | 39.57                    | 13.27                 | H                    | 52.84             | 73.98             | 21.14          | PK               |
| 15690              | 27.51                    | 13.27                 | H                    | 40.78             | 53.98             | 13.20          | AV               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5270 MHz       |
| Channel No.         | 54 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10540              | 42.63                       | 9.36                  | V                    | 51.99             | 68.20             | 16.21          | PK                  |
| 15810              | 40.18                       | 13.26                 | V                    | 53.44             | 73.98             | 20.54          | PK                  |
| 15810              | 28.71                       | 13.26                 | V                    | 41.97             | 53.98             | 12.01          | AV                  |
| 10540              | 42.62                       | 9.36                  | H                    | 51.98             | 68.20             | 16.22          | PK                  |
| 15810              | 40.46                       | 13.26                 | H                    | 53.72             | 73.98             | 20.26          | PK                  |
| 15810              | 28.83                       | 13.26                 | H                    | 42.09             | 53.98             | 11.89          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5310 MHz       |
| Channel No.         | 62 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10620              | 42.37                       | 9.78                  | V                    | 52.15             | 73.98             | 21.83          | PK                  |
| 10620              | 30.37                       | 9.78                  | V                    | 40.15             | 53.98             | 13.83          | AV                  |
| 15930              | 40.13                       | 12.75                 | V                    | 52.88             | 73.98             | 21.10          | PK                  |
| 15930              | 28.97                       | 12.75                 | V                    | 41.72             | 53.98             | 12.26          | AV                  |
| 10620              | 41.90                       | 9.78                  | H                    | 51.68             | 73.98             | 22.30          | PK                  |
| 10620              | 30.18                       | 9.78                  | H                    | 39.96             | 53.98             | 14.02          | AV                  |
| 15930              | 40.35                       | 12.75                 | H                    | 53.10             | 73.98             | 20.88          | PK                  |
| 15930              | 28.77                       | 12.75                 | H                    | 41.52             | 53.98             | 12.46          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5510 MHz       |
| Channel No.         | 102 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11020              | 41.82                       | 10.67                 | V                    | 52.49             | 73.98             | 21.49          | PK                  |
| 11020              | 29.58                       | 10.67                 | V                    | 40.25             | 53.98             | 13.73          | AV                  |
| 16530              | 41.04                       | 12.56                 | V                    | 53.60             | 68.20             | 14.60          | PK                  |
| 11020              | 41.76                       | 10.67                 | H                    | 52.43             | 73.98             | 21.55          | PK                  |
| 11020              | 29.80                       | 10.67                 | H                    | 40.47             | 53.98             | 13.51          | AV                  |
| 16530              | 40.95                       | 12.56                 | H                    | 53.51             | 68.20             | 14.69          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5590 MHz       |
| Channel No.         | 118 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11180              | 41.61                       | 10.93                 | V                    | 52.54             | 73.98             | 21.44          | PK                  |
| 11180              | 29.82                       | 10.93                 | V                    | 40.75             | 53.98             | 13.23          | AV                  |
| 16770              | 40.98                       | 13.31                 | V                    | 54.29             | 68.20             | 13.91          | PK                  |
| 11180              | 41.99                       | 10.93                 | H                    | 52.92             | 73.98             | 21.06          | PK                  |
| 11180              | 29.95                       | 10.93                 | H                    | 40.88             | 53.98             | 13.10          | AV                  |
| 16770              | 40.95                       | 13.31                 | H                    | 54.26             | 68.20             | 13.94          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5710 MHz       |
| Channel No.         | 142 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11420              | 41.48                       | 11.18                 | V                    | 52.66             | 73.98             | 21.32          | PK                  |
| 11420              | 29.24                       | 11.18                 | V                    | 40.42             | 53.98             | 13.56          | AV                  |
| 17130              | 40.30                       | 13.67                 | V                    | 53.97             | 68.20             | 14.23          | PK                  |
| 11420              | 41.52                       | 11.18                 | H                    | 52.70             | 73.98             | 21.28          | PK                  |
| 11420              | 29.74                       | 11.18                 | H                    | 40.92             | 53.98             | 13.06          | AV                  |
| 17130              | 40.49                       | 13.67                 | H                    | 54.16             | 68.20             | 14.04          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5755 MHz       |
| Channel No.         | 151 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11510              | 41.74                       | 11.14                 | V                    | 52.88             | 73.98             | 21.10          | PK                  |
| 11510              | 29.60                       | 11.14                 | V                    | 40.74             | 53.98             | 13.24          | AV                  |
| 17265              | 40.69                       | 14.89                 | V                    | 55.58             | 68.20             | 12.62          | PK                  |
| 11510              | 41.45                       | 11.14                 | H                    | 52.59             | 73.98             | 21.39          | PK                  |
| 11510              | 29.80                       | 11.14                 | H                    | 40.94             | 53.98             | 13.04          | AV                  |
| 17265              | 40.68                       | 14.89                 | H                    | 55.57             | 68.20             | 12.63          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5795 MHz       |
| Channel No.         | 159 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11590              | 41.47                       | 10.45                 | V                    | 51.92             | 73.98             | 22.06          | PK                  |
| 11590              | 29.48                       | 10.45                 | V                    | 39.93             | 53.98             | 14.05          | AV                  |
| 17385              | 40.37                       | 16.08                 | V                    | 56.45             | 68.20             | 11.75          | PK                  |
| 11590              | 41.28                       | 10.45                 | H                    | 51.73             | 73.98             | 22.25          | PK                  |
| 11590              | 29.64                       | 10.45                 | H                    | 40.09             | 53.98             | 13.89          | AV                  |
| 17385              | 40.31                       | 16.08                 | H                    | 56.39             | 68.20             | 11.81          | PK                  |

**Note:**

All Modes of operation were investigated and the worst case configuration results are reported.  
In order to simplify the report, We only have attached RSE result of worst case.

### 10.8.3 802.11ax(HE80)

#### 1) SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5210 MHz       |
| Channel No.         | 42 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10420              | 43.72                       | 8.65                  | V                    | 52.37             | 68.20             | 15.83          | PK                  |
| 15630              | 39.70                       | 13.23                 | V                    | 52.93             | 73.98             | 21.05          | PK                  |
| 15630              | 28.91                       | 13.23                 | V                    | 42.14             | 53.98             | 11.84          | AV                  |
| 10420              | 43.75                       | 8.65                  | H                    | 52.40             | 68.20             | 15.80          | PK                  |
| 15630              | 39.63                       | 13.23                 | H                    | 52.86             | 73.98             | 21.12          | PK                  |
| 15630              | 28.80                       | 13.23                 | H                    | 42.03             | 53.98             | 11.95          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5290 MHz       |
| Channel No.         | 58 Ch          |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 10580              | 42.60                       | 10.02                 | V                    | 52.62             | 68.20             | 15.58          | PK                  |
| 15870              | 40.46                       | 13.16                 | V                    | 53.62             | 73.98             | 20.36          | PK                  |
| 15870              | 29.51                       | 13.16                 | V                    | 42.67             | 53.98             | 11.31          | AV                  |
| 10580              | 42.57                       | 10.02                 | H                    | 52.59             | 68.20             | 15.61          | PK                  |
| 15870              | 40.37                       | 13.16                 | H                    | 53.53             | 73.98             | 20.45          | PK                  |
| 15870              | 29.55                       | 13.16                 | H                    | 42.71             | 53.98             | 11.27          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5530 MHz       |
| Channel No.         | 106 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11060              | 42.43                       | 10.79                 | V                    | 53.22             | 73.98             | 20.76          | PK                  |
| 11060              | 30.67                       | 10.79                 | V                    | 41.46             | 53.98             | 12.52          | AV                  |
| 16590              | 42.34                       | 12.69                 | V                    | 55.03             | 68.20             | 13.17          | PK                  |
| 11060              | 41.70                       | 10.79                 | H                    | 52.49             | 73.98             | 21.49          | PK                  |
| 11060              | 30.82                       | 10.79                 | H                    | 41.61             | 53.98             | 12.37          | AV                  |
| 16590              | 41.16                       | 12.69                 | H                    | 53.85             | 68.20             | 14.35          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5610 MHz       |
| Channel No.         | 122 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11220              | 41.80                       | 10.44                 | V                    | 52.24             | 73.98             | 21.74          | PK                  |
| 11220              | 31.01                       | 10.44                 | V                    | 41.45             | 53.98             | 12.53          | AV                  |
| 16830              | 41.40                       | 13.62                 | V                    | 55.02             | 68.20             | 13.18          | PK                  |
| 11220              | 41.86                       | 10.44                 | H                    | 52.30             | 73.98             | 21.68          | PK                  |
| 11220              | 30.77                       | 10.44                 | H                    | 41.21             | 53.98             | 12.77          | AV                  |
| 16830              | 41.15                       | 13.62                 | H                    | 54.77             | 68.20             | 13.43          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5690 MHz       |
| Channel No.         | 138 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11380              | 41.55                       | 10.99                 | V                    | 52.54             | 73.98             | 21.44          | PK                  |
| 11380              | 30.76                       | 10.99                 | V                    | 41.75             | 53.98             | 12.23          | AV                  |
| 17070              | 40.48                       | 13.81                 | V                    | 54.29             | 68.20             | 13.91          | PK                  |
| 11380              | 41.60                       | 10.99                 | H                    | 52.59             | 73.98             | 21.39          | PK                  |
| 11380              | 30.45                       | 10.99                 | H                    | 41.44             | 53.98             | 12.54          | AV                  |
| 17070              | 40.61                       | 13.81                 | H                    | 54.42             | 68.20             | 13.78          | PK                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 3         |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5775 MHz       |
| Channel No.         | 155 Ch         |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | CL+AF+DF-AG<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 11550              | 41.45                       | 10.64                 | V                    | 52.09             | 73.98             | 21.89          | PK                  |
| 11550              | 30.68                       | 10.64                 | V                    | 41.32             | 53.98             | 12.66          | AV                  |
| 17325              | 40.83                       | 15.49                 | V                    | 56.32             | 68.20             | 11.88          | PK                  |
| 11550              | 41.48                       | 10.64                 | H                    | 52.12             | 73.98             | 21.86          | PK                  |
| 11550              | 30.41                       | 10.64                 | H                    | 41.05             | 53.98             | 12.93          | AV                  |
| 17325              | 40.90                       | 15.49                 | H                    | 56.39             | 68.20             | 11.81          | PK                  |

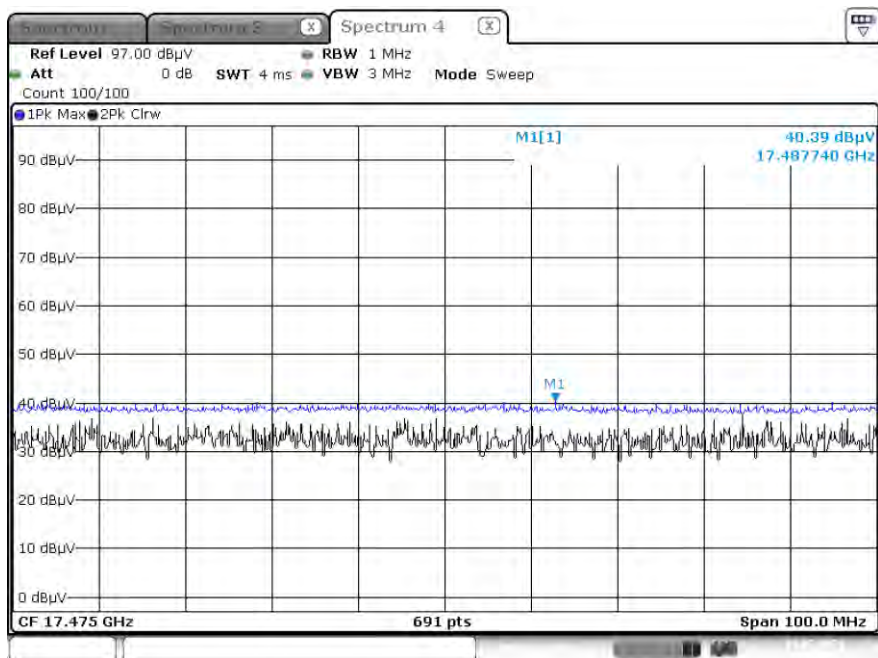
**Note:**

All Modes of operation were investigated and the worst case configuration results are reported.  
In order to simplify the report, We only have attached RSE result of worst case.

▣ Test Plots

[MIMO] - SU

Radiated Spurious Emissions plot – Peak result (802.11ax HE20, Ch.165 3rd Spurious Emission, Y-V)



**Note:**

Only the worst case plots for Radiated Spurious Emissions.

## 10.9 RADIATED RESTRICTED BAND EDGE

### 10.9.1 MIMO

#### 1) 802.11ax(HE20)

##### 1.1) 52 Tone

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5180 MHz       |
| Channel No.         | 36 Ch          |
| RU offset.          | 37             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 5150               | 55.70                       | 7.54                              | H                    | 63.24             | 73.98             | 10.74          | PK                  |
| 5150               | 34.55                       | 7.54                              | H                    | 42.09             | 53.98             | 11.89          | AV                  |
| 5150               | 55.12                       | 7.54                              | V                    | 62.66             | 73.98             | 11.32          | PK                  |
| 5150               | 34.12                       | 7.54                              | V                    | 41.66             | 53.98             | 12.32          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5320 MHz       |
| Channel No.         | 64 Ch          |
| RU offset.          | 40             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| # 5350             | 53.60                       | 7.21                              | H                 | 60.81             | 73.98             | 13.17          | PK                  |
| 5350               | 39.91                       | 7.21                              | H                 | 47.12             | 53.98             | 6.86           | AV                  |
| # 5350             | 53.12                       | 7.21                              | V                 | 60.33             | 73.98             | 13.65          | PK                  |
| 5350               | 39.71                       | 7.21                              | V                 | 46.92             | 53.98             | 7.06           | AV                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5500 MHz       |
| Channel No.         | 100 Ch         |
| RU offset.          | 37             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 54.71                       | 7.99                              | H                 | 62.70             | 73.98             | 11.28          | PK                  |
| 5460               | 35.36                       | 7.99                              | H                 | 43.35             | 53.98             | 10.63          | AV                  |
| # 5470             | 45.31                       | 7.94                              | H                 | 53.25             | 68.20             | 14.95          | PK                  |
| 5460               | 54.22                       | 7.99                              | V                 | 62.21             | 73.98             | 11.77          | PK                  |
| 5460               | 35.01                       | 7.99                              | V                 | 43.00             | 53.98             | 10.98          | AV                  |
| # 5470             | 44.98                       | 7.94                              | V                 | 52.92             | 68.20             | 15.28          | PK                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

## 1.2)SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5180 MHz       |
| Channel No.         | 36 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT.<br>POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|----------------------|-------------------|-------------------|----------------|---------------------|
| 5150               | 59.67                       | 7.54                              | H                    | 67.21             | 73.98             | 6.77           | PK                  |
| 5150               | 39.14                       | 7.54                              | H                    | 46.68             | 53.98             | 7.30           | AV                  |
| 5150               | 59.41                       | 7.54                              | V                    | 66.95             | 73.98             | 7.03           | PK                  |
| 5150               | 38.89                       | 7.54                              | V                    | 46.43             | 53.98             | 7.55           | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5320 MHz       |
| Channel No.         | 64 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| # 5350             | 56.00                       | 7.21                              | H                 | 63.21             | 73.98             | 10.77          | PK                  |
| 5350               | 42.29                       | 7.21                              | H                 | 49.50             | 53.98             | 4.48           | AV                  |
| # 5350             | 55.89                       | 7.21                              | V                 | 63.10             | 73.98             | 10.88          | PK                  |
| 5350               | 42.01                       | 7.21                              | V                 | 49.22             | 53.98             | 4.76           | AV                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE20) |
| Transfer Rate:      | MCS0           |
| Operating Frequency | 5500 MHz       |
| Channel No.         | 100 Ch         |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 55.62                       | 7.99                              | H                 | 63.61             | 73.98             | 10.37          | PK                  |
| 5460               | 40.64                       | 7.99                              | H                 | 48.63             | 53.98             | 5.35           | AV                  |
| # 5470             | 53.22                       | 7.94                              | H                 | 61.16             | 68.20             | 7.04           | PK                  |
| 5460               | 55.41                       | 7.99                              | V                 | 63.40             | 73.98             | 10.58          | PK                  |
| 5460               | 40.39                       | 7.99                              | V                 | 48.38             | 53.98             | 5.60           | AV                  |
| # 5470             | 53.01                       | 7.94                              | V                 | 60.95             | 68.20             | 7.25           | PK                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

## 2) 802.11ax(HE40)

### 2.1) 106 Tone

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5190 MHz       |
| Channel No.         | 38 Ch          |
| RU offset.          | 53             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5150               | 49.32                       | 14.58                             | H                 | 63.90             | 73.98             | 10.08          | PK                  |
| 5150               | 29.35                       | 14.58                             | H                 | 43.93             | 53.98             | 10.05          | AV                  |
| 5150               | 48.91                       | 14.58                             | V                 | 63.49             | 73.98             | 10.49          | PK                  |
| 5150               | 29.12                       | 14.58                             | V                 | 43.70             | 53.98             | 10.28          | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5310 MHz       |
| Channel No.         | 62 Ch          |
| RU offset.          | 56             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5350               | 55.85                       | 14.21                             | H                 | 70.06             | 73.98             | 3.92           | PK                  |
| 5350               | 33.71                       | 14.21                             | H                 | 47.92             | 53.98             | 6.06           | AV                  |
| 5350               | 55.51                       | 14.21                             | V                 | 69.72             | 73.98             | 4.26           | PK                  |
| 5350               | 33.42                       | 14.21                             | V                 | 47.63             | 53.98             | 6.35           | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5510 MHz       |
| Channel No.         | 102 Ch         |
| RU offset.          | 53             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 54.97                       | 7.99                              | H                 | 62.96             | 73.98             | 11.02          | PK                  |
| 5460               | 34.86                       | 7.99                              | H                 | 42.85             | 53.98             | 11.13          | AV                  |
| # 5470             | 48.56                       | 7.94                              | H                 | 56.50             | 68.20             | 11.70          | PK                  |
| 5460               | 54.55                       | 7.99                              | V                 | 62.54             | 73.98             | 11.44          | PK                  |
| 5460               | 34.58                       | 7.99                              | V                 | 42.57             | 53.98             | 11.41          | AV                  |
| # 5470             | 48.12                       | 7.94                              | V                 | 56.06             | 68.20             | 12.14          | PK                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

## 2.2) SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5190 MHz       |
| Channel No.         | 38 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| # 5150             | 46.22                       | 14.58                             | H                 | 60.80             | 73.98             | 13.18          | PK                  |
| 5150               | 34.80                       | 14.58                             | H                 | 49.38             | 53.98             | 4.60           | AV                  |
| # 5150             | 45.86                       | 14.58                             | V                 | 60.44             | 73.98             | 13.54          | PK                  |
| 5150               | 34.12                       | 14.58                             | V                 | 48.70             | 53.98             | 5.28           | AV                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5310 MHz       |
| Channel No.         | 62 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5350               | 52.84                       | 14.21                             | H                 | 67.05             | 73.98             | 6.93           | PK                  |
| 5350               | 36.56                       | 14.21                             | H                 | 50.77             | 53.98             | 3.21           | AV                  |
| 5350               | 52.55                       | 14.21                             | V                 | 66.76             | 73.98             | 7.22           | PK                  |
| 5350               | 36.22                       | 14.21                             | V                 | 50.43             | 53.98             | 3.55           | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE40) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5510 MHz       |
| Channel No.         | 102 Ch         |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 57.96                       | 7.99                              | H                 | 65.95             | 73.98             | 8.03           | PK                  |
| 5460               | 42.32                       | 7.99                              | H                 | 50.31             | 53.98             | 3.67           | AV                  |
| # 5470             | 56.83                       | 7.94                              | H                 | 64.77             | 68.20             | 3.43           | PK                  |
| 5460               | 57.55                       | 7.99                              | V                 | 65.54             | 73.98             | 8.44           | PK                  |
| 5460               | 42.01                       | 7.99                              | V                 | 50.00             | 53.98             | 3.98           | AV                  |
| # 5470             | 56.42                       | 7.94                              | V                 | 64.36             | 68.20             | 3.84           | PK                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

### 3) 802.11ax(HE80)

#### 3.1) 996 Tone

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5210 MHz       |
| Channel No.         | 42 Ch          |
| RU offset.          | 61             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5150               | 45.10                       | 14.58                             | H                 | 59.68             | 73.98             | 14.30          | PK                  |
| 5150               | 30.75                       | 14.58                             | H                 | 45.33             | 53.98             | 8.65           | AV                  |
| 5150               | 44.95                       | 14.58                             | V                 | 59.53             | 73.98             | 14.45          | PK                  |
| 5150               | 30.66                       | 14.58                             | V                 | 45.24             | 53.98             | 8.74           | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5290 MHz       |
| Channel No.         | 58 Ch          |
| RU offset.          | 61             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5350               | 50.12                       | 14.21                             | H                 | 64.33             | 73.98             | 9.65           | PK                  |
| 5350               | 35.58                       | 14.21                             | H                 | 49.79             | 53.98             | 4.19           | AV                  |
| 5350               | 49.85                       | 14.21                             | V                 | 64.06             | 73.98             | 9.92           | PK                  |
| 5350               | 35.22                       | 14.21                             | V                 | 49.43             | 53.98             | 4.55           | AV                  |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5530 MHz       |
| Channel No.         | 106 Ch         |
| RU offset.          | 61             |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 46.89                       | 14.98                             | H                 | 61.87             | 73.98             | 12.11          | PK                  |
| 5460               | 32.95                       | 14.98                             | H                 | 47.93             | 53.98             | 6.05           | AV                  |
| 5470               | 47.67                       | 14.95                             | H                 | 62.62             | 68.20             | 5.58           | PK                  |
| 5460               | 46.59                       | 14.98                             | V                 | 61.57             | 73.98             | 12.41          | PK                  |
| 5460               | 32.77                       | 14.98                             | V                 | 47.75             | 53.98             | 6.23           | AV                  |
| 5470               | 47.22                       | 14.95                             | V                 | 62.17             | 68.20             | 6.03           | PK                  |

### 3.2) SU

|                     |                |
|---------------------|----------------|
| Band :              | UNII 1         |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5210 MHz       |
| Channel No.         | 42 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|------------------|
| 5150               | 48.09                    | 14.58                             | H                 | 62.67             | 73.98             | 11.31          | PK               |
| 5150               | 33.12                    | 14.58                             | H                 | 47.70             | 53.98             | 6.28           | AV               |
| 5150               | 47.59                    | 14.58                             | V                 | 62.17             | 73.98             | 11.81          | PK               |
| 5150               | 32.85                    | 14.58                             | V                 | 47.43             | 53.98             | 6.55           | AV               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2A        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5290 MHz       |
| Channel No.         | 58 Ch          |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement Type |
|--------------------|--------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|------------------|
| 5350               | 51.20                    | 14.21                             | H                 | 65.41             | 73.98             | 8.57           | PK               |
| 5350               | 35.72                    | 14.21                             | H                 | 49.93             | 53.98             | 4.05           | AV               |
| 5350               | 50.85                    | 14.21                             | V                 | 65.06             | 73.98             | 8.92           | PK               |
| 5350               | 35.41                    | 14.21                             | V                 | 49.62             | 53.98             | 4.36           | AV               |

|                     |                |
|---------------------|----------------|
| Band :              | UNII 2C        |
| Operation Mode:     | 802.11ax(HE80) |
| Transfer MCS Index: | MCS0           |
| Operating Frequency | 5530 MHz       |
| Channel No.         | 106 Ch         |
| RU offset.          | None           |

| Frequency<br>[MHz] | Measured<br>Value<br>[dBμV] | A.F+C.L-<br>A.G+ATT+D.F<br>[dB/m] | ANT. POL<br>[H/V] | Total<br>[dBμV/m] | Limit<br>[dBμV/m] | Margin<br>[dB] | Measurement<br>Type |
|--------------------|-----------------------------|-----------------------------------|-------------------|-------------------|-------------------|----------------|---------------------|
| 5460               | 46.87                       | 14.98                             | H                 | 61.85             | 73.98             | 12.13          | PK                  |
| 5460               | 34.80                       | 14.98                             | H                 | 49.78             | 53.98             | 4.20           | AV                  |
| # 5470             | 43.78                       | 14.95                             | H                 | 58.73             | 68.20             | 9.47           | PK                  |
| 5460               | 46.41                       | 14.98                             | V                 | 61.39             | 73.98             | 12.59          | PK                  |
| 5460               | 34.02                       | 14.98                             | V                 | 49.00             | 53.98             | 4.98           | AV                  |
| # 5470             | 43.22                       | 14.95                             | V                 | 58.17             | 68.20             | 10.03          | PK                  |

Note :# Integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

#### **Note:**

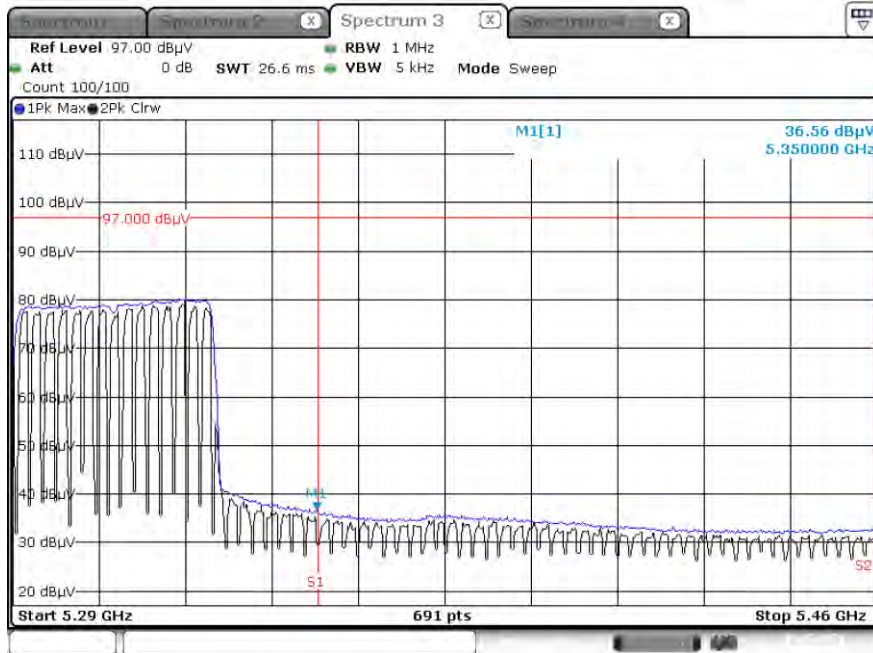
All Modes of operation were investigated and the worst case configuration results are reported.

In order to simplify the report, We only have attached Bandedge result of worst case.

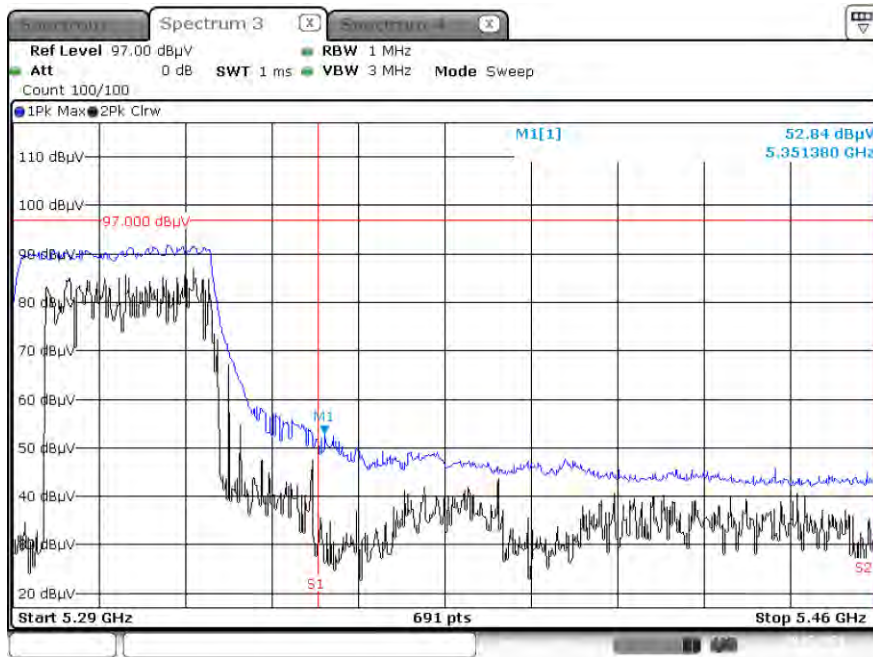
▣ Test Plots(UNII 1, 2A, 2C),

[MIMO]

Radiated Restricted Band Edges plot - Average result (802.11ax(HE40), Ch.62, Z-H) – SU



Radiated Restricted Band Edges plot - Peak result (802.11ax(HE40), Ch.62, Z-H) – SU



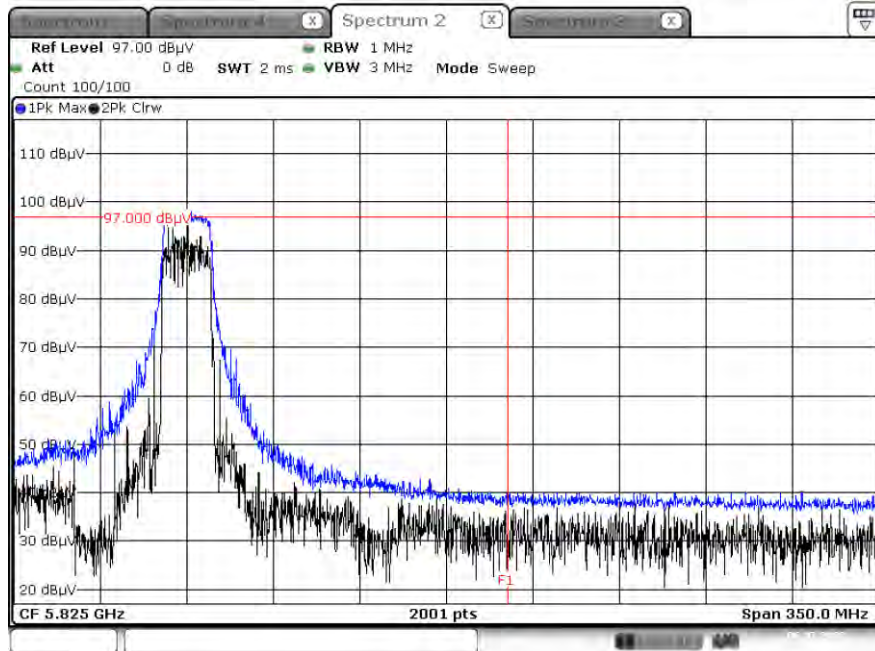
**Note:**

Only the worst case plots for Radiated Restricted Band Edge.

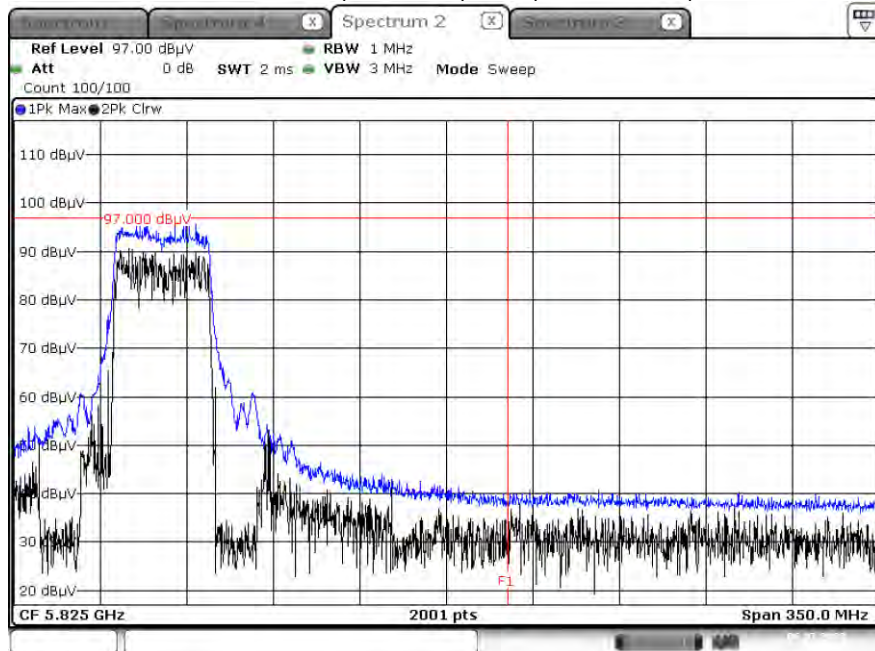
▣ Test Plots(Straddle Channel)

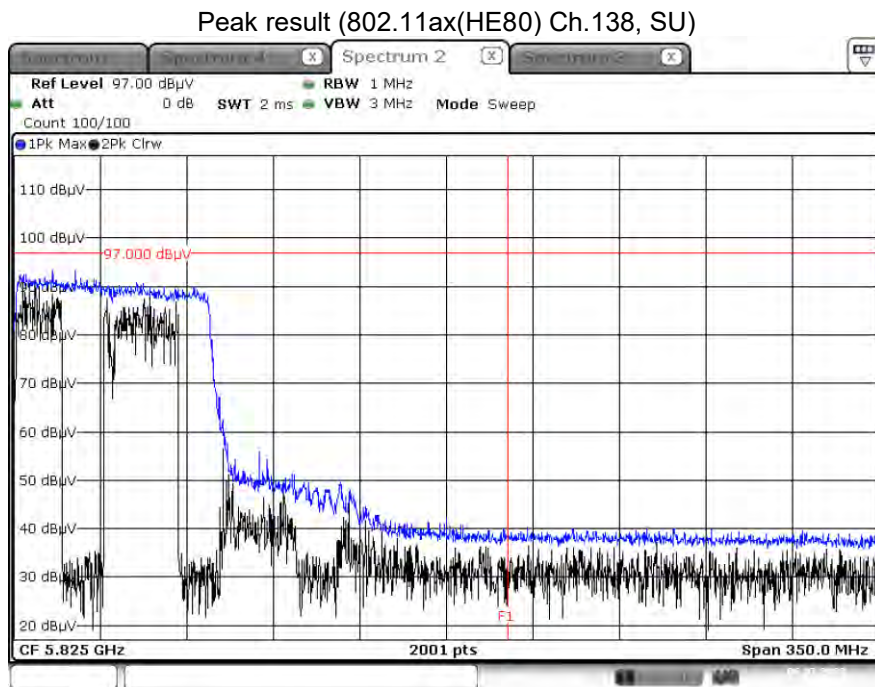
[MIMO]

Peak result (802.11ax(HE20) Ch.144, SU)



Peak result (802.11ax(HE40) Ch.142, SU)





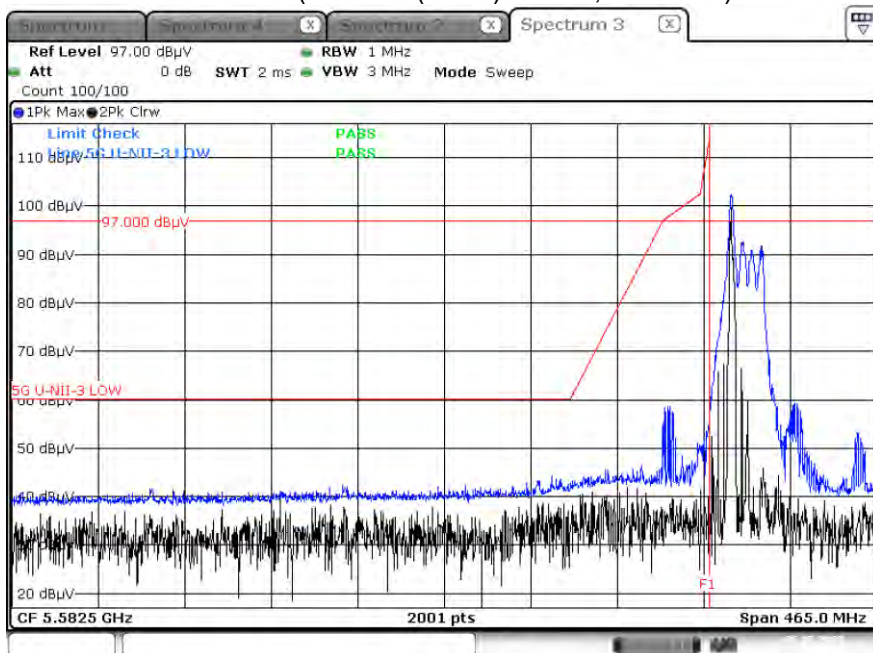
**Note :**

1. Only the worst case plots for Radiated Restricted Band Edge.
2. Red line : 5850 MHz
3. Ambient Noise (Because of ambient noise, We attached only the worst plot without a data table)

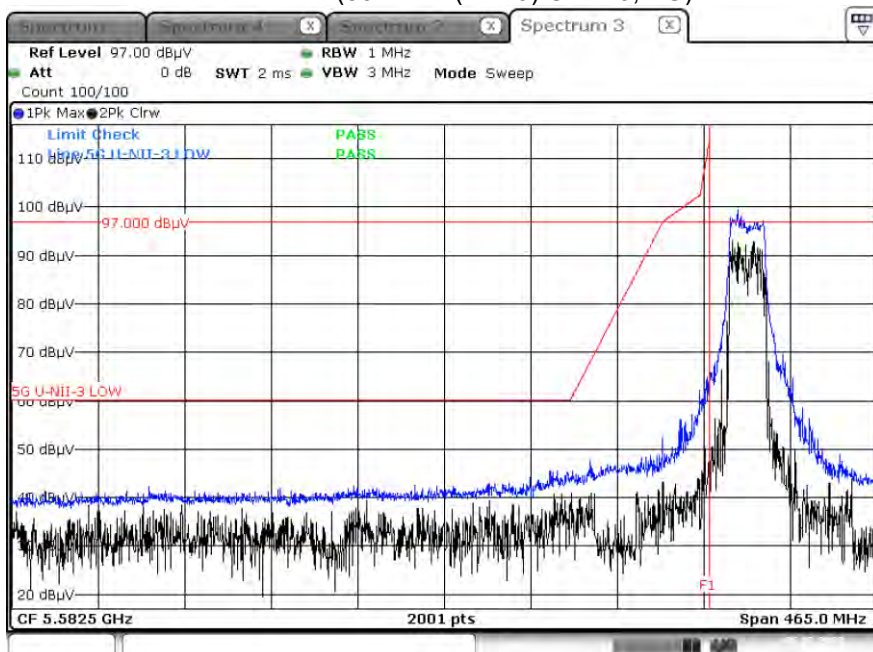
▣ Test Plots(UNII 3)\_Low Edge

[MIMO]

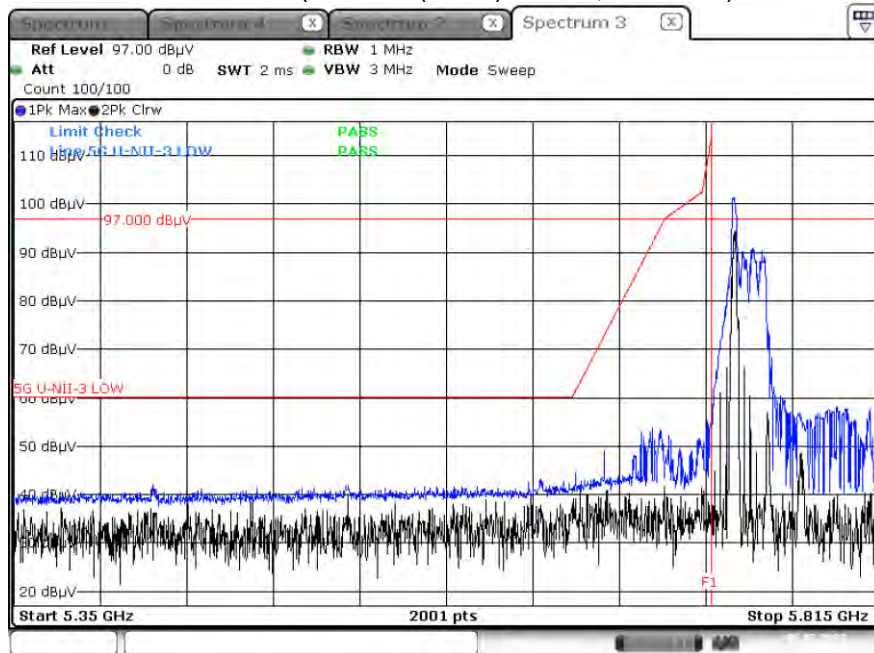
Peak result (802.11ax(HE20) Ch.149, 26T RU 0)



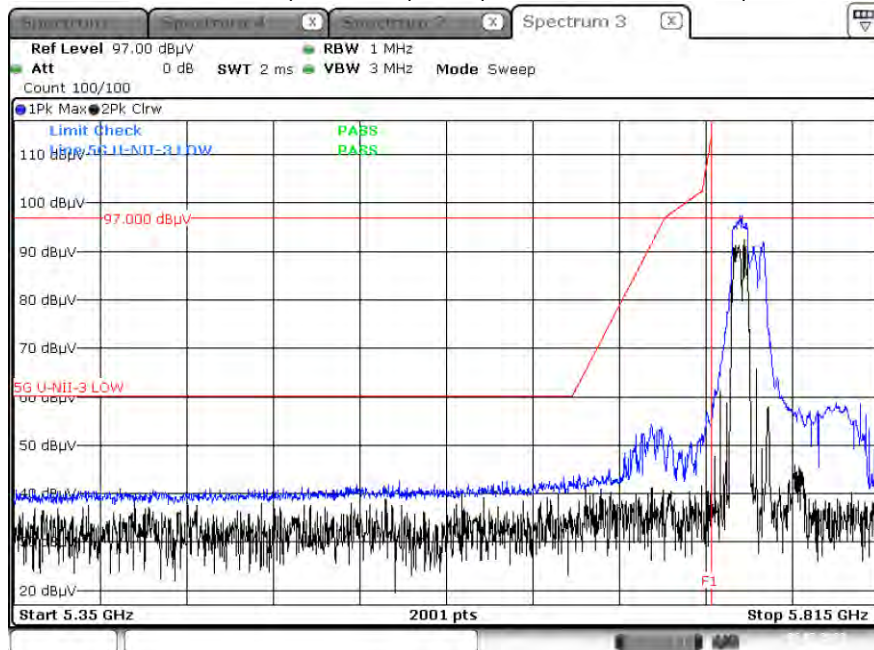
Peak result (802.11ax(HE20) Ch.149, SU)



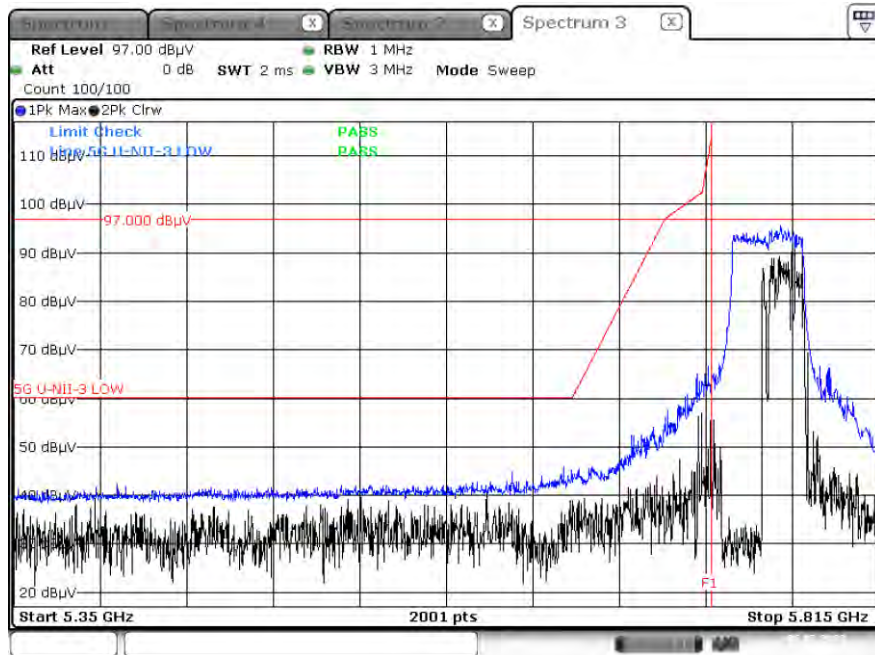
Peak result (802.11ax(HE40) Ch.151, 26T RU 0)



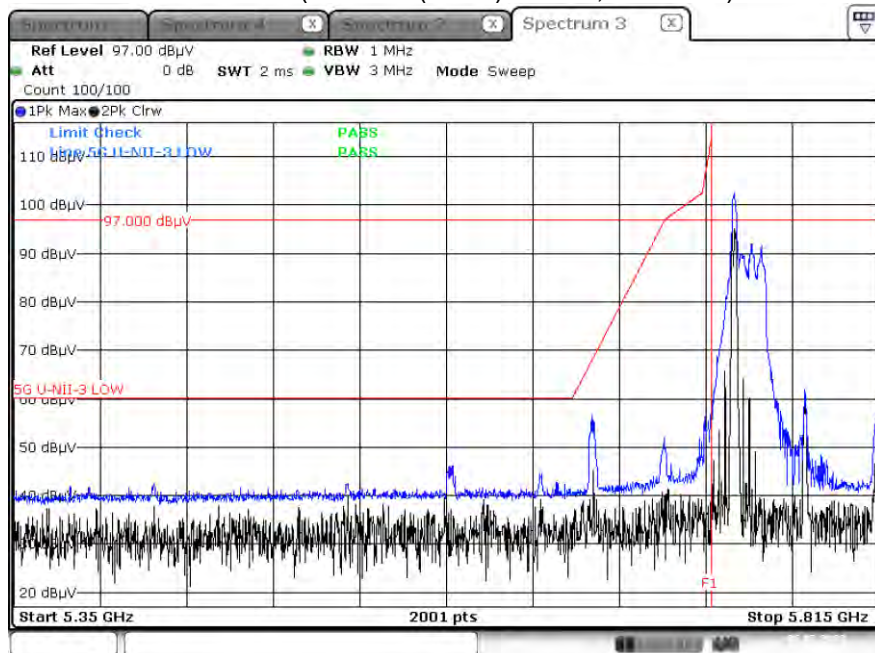
Peak result (802.11ax(HE40) Ch.151, 106T RU 53)



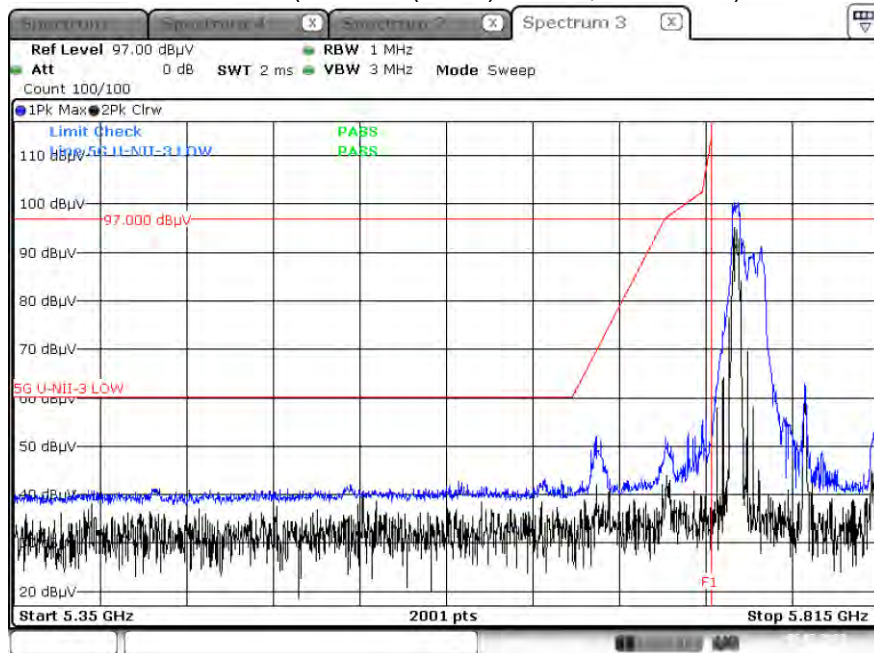
Peak result (802.11ax(HE40) Ch.151, SU)



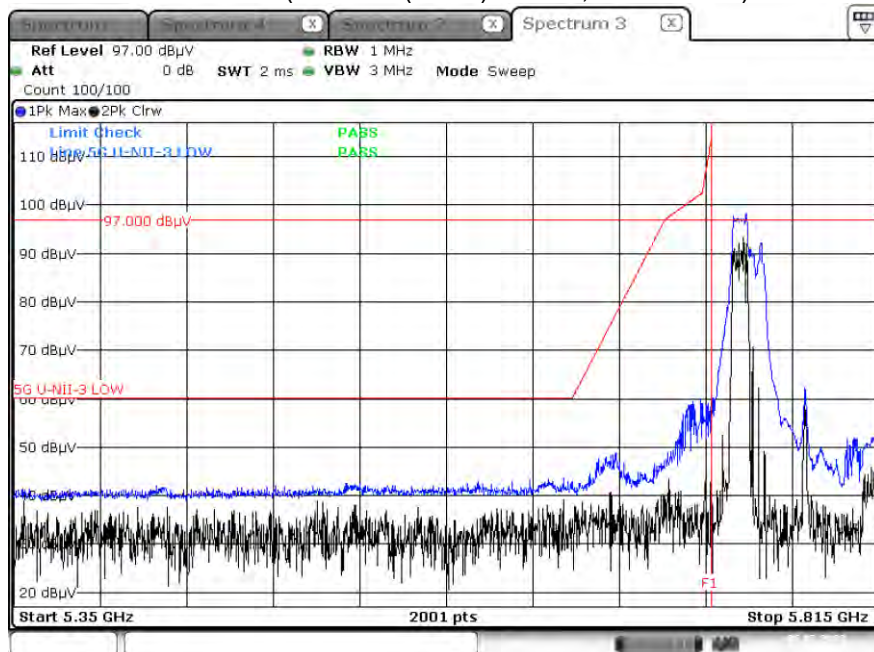
Peak result (802.11ax(HE80) Ch.155, 26T RU 0)

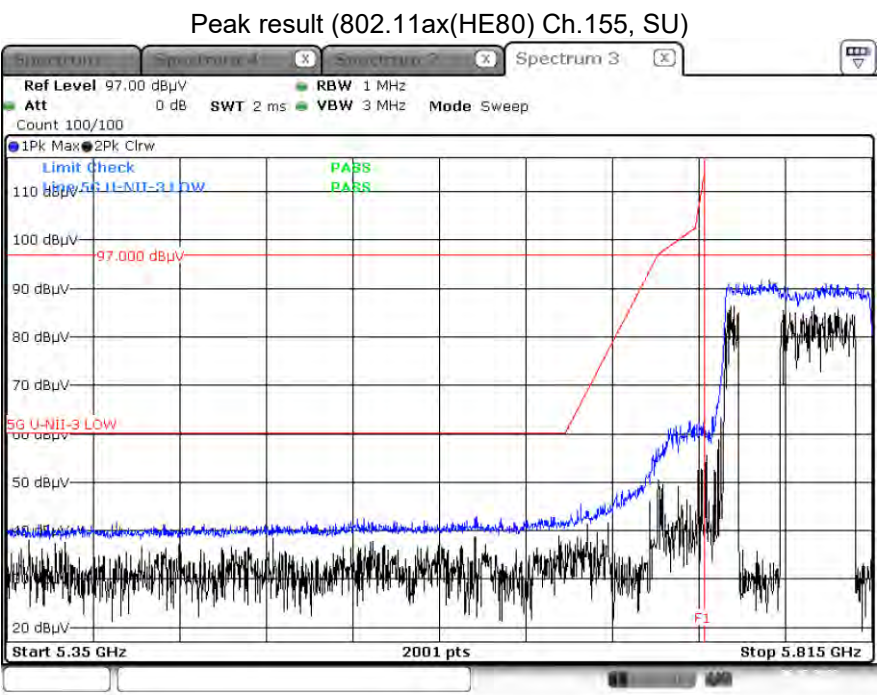


Peak result (802.11ax(HE80) Ch.155, 52T RU 37)



Peak result (802.11ax(HE80) Ch.155, 106T RU 53)

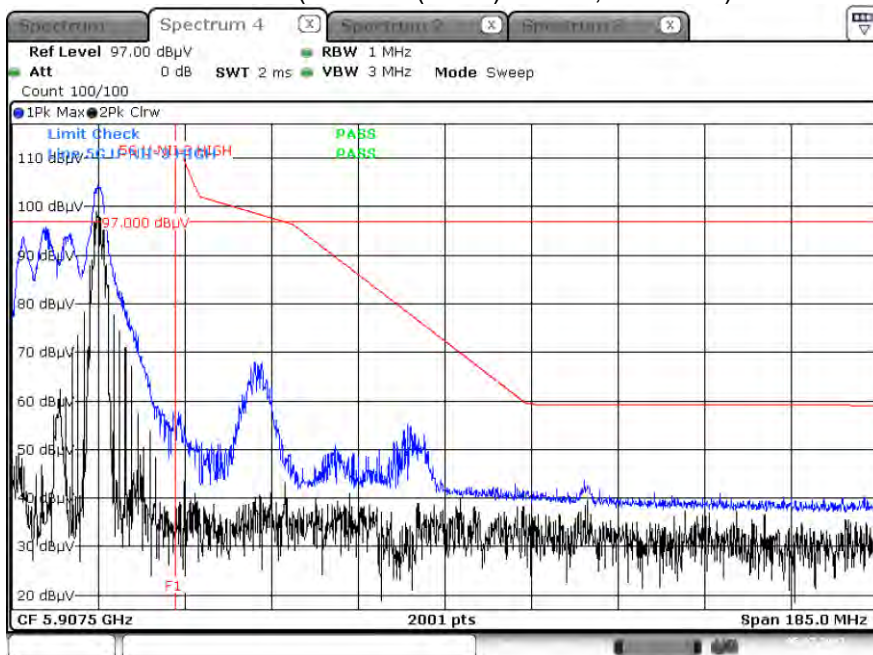




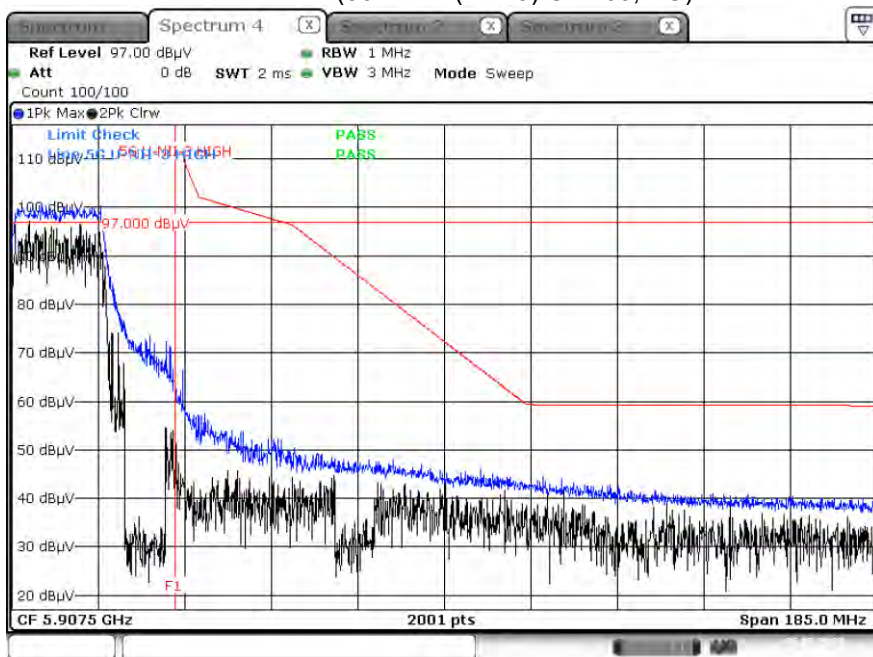
▣ Test Plots(UNII 3)\_High Edge

[MIMO]

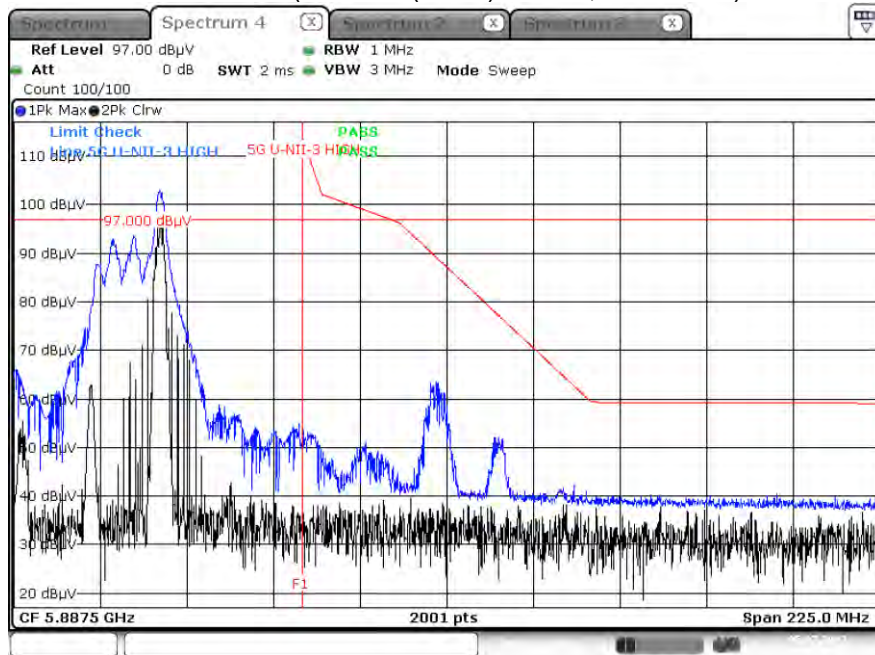
Peak result (802.11ax(HE20) Ch.165, 26T RU 8)



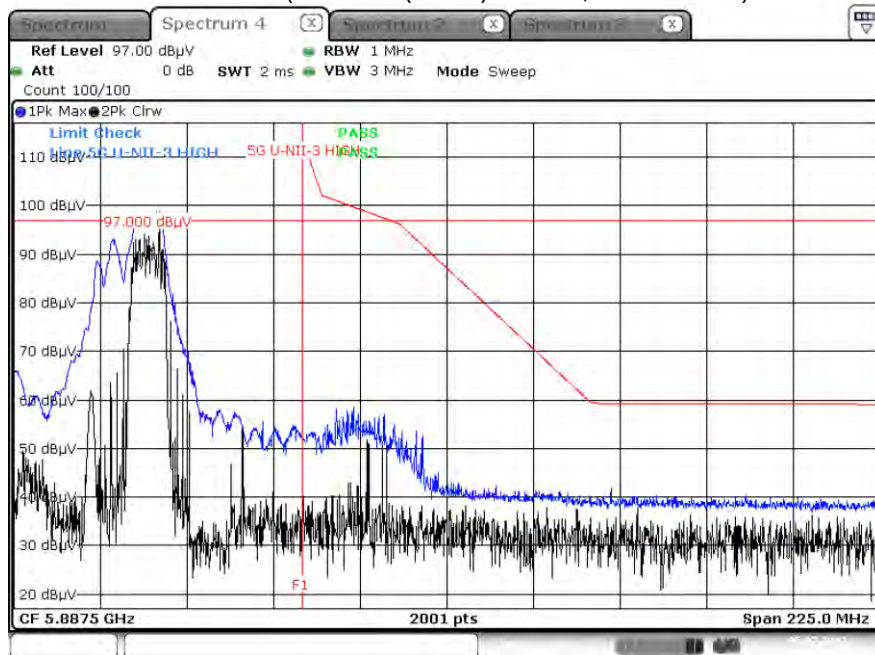
Peak result (802.11ax(HE20) Ch.165, SU)



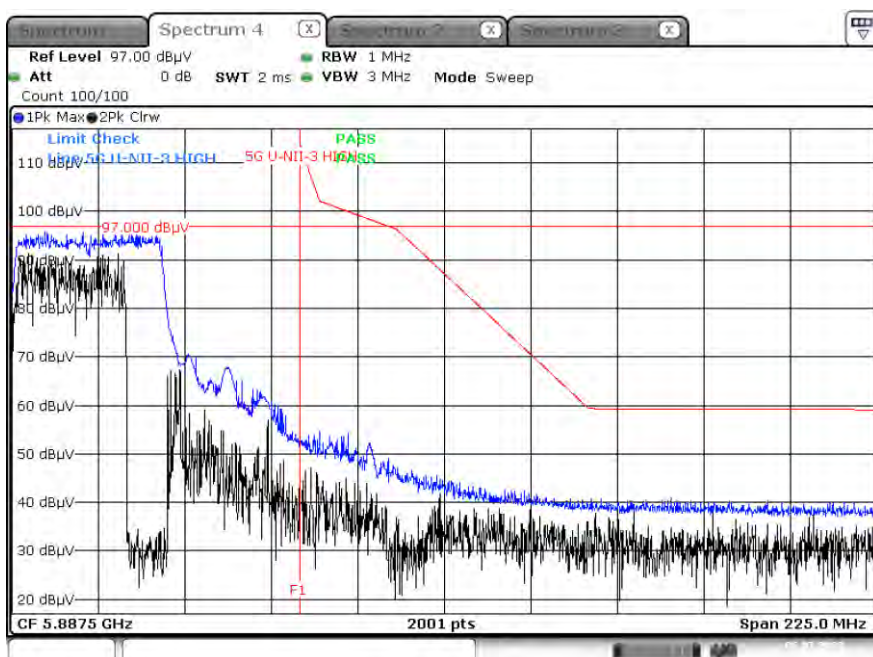
Peak result (802.11ax(HE40) Ch.159, 26T RU 17)



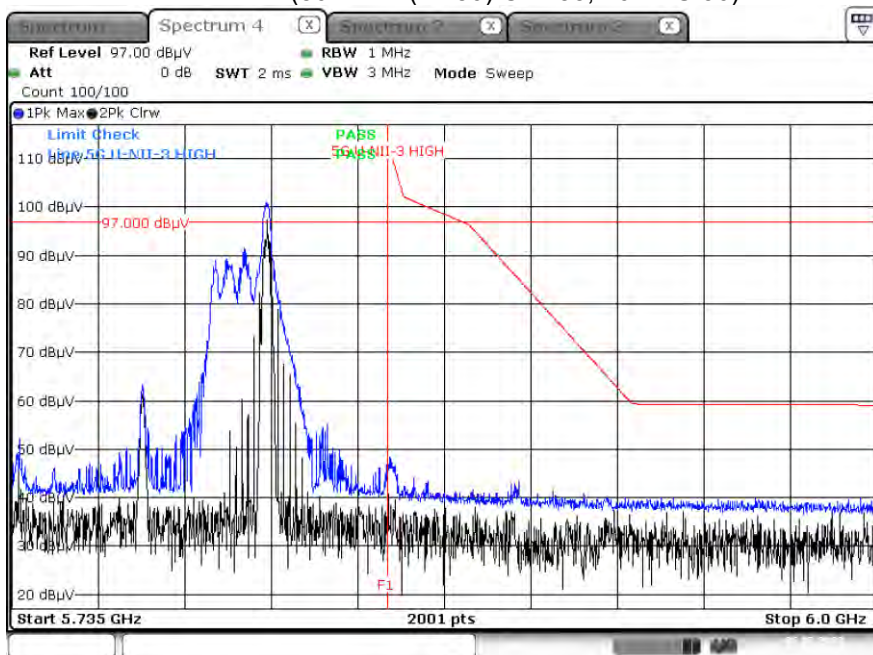
Peak result (802.11ax(HE40) Ch.159, 106T RU 56)



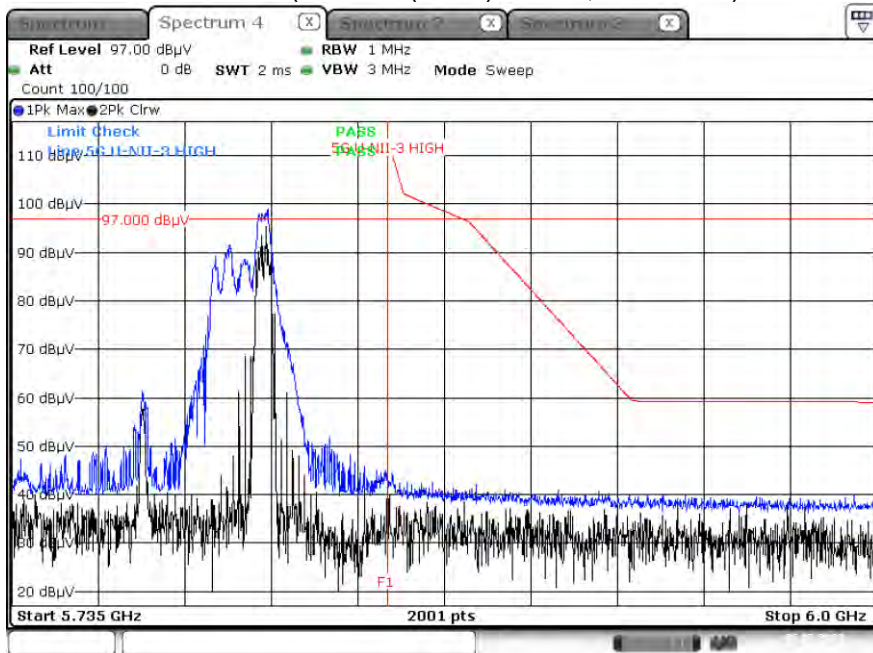
Peak result (802.11ax(HE40) Ch.159, SU)



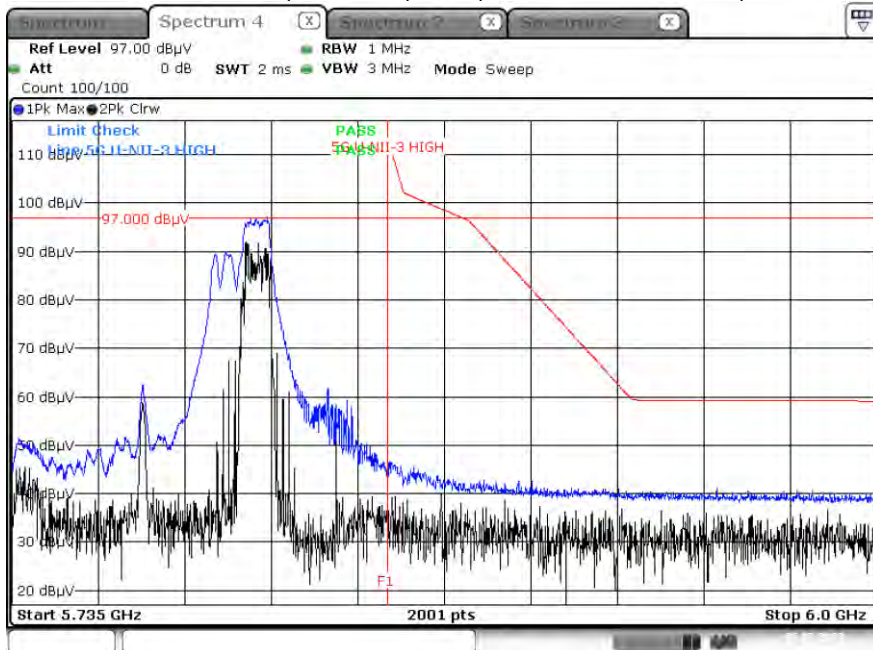
Peak result (802.11ax(HE80) Ch.155, 26T RU 36)

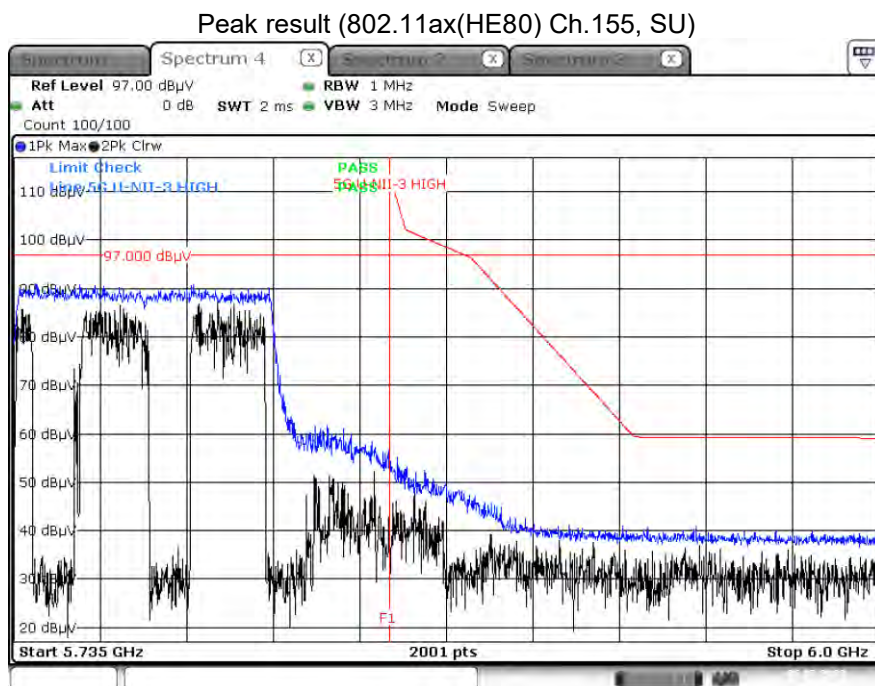


Peak result (802.11ax(HE80) Ch.155, 52T RU 52)



Peak result (802.11ax(HE80) Ch.155, 106T RU 60)





**Note :**

1. Only the worst case plots for U-NII-3 Out of Band e.i.r.p Emission.
2. U-NII-3 Low & High Band Edge Red Line is Final Test Limit about factor value compensation.

## 11. LIST OF TESTEQUIPMENT

### Conducted Test

| Equipment                                    | Model    | Manufacturer    | Serial No. | Due to Calibration | Calibration Interval |
|----------------------------------------------|----------|-----------------|------------|--------------------|----------------------|
| LISN                                         | ENV216   | Rohde & Schwarz | 102245     | 08/22/2023         | Annual               |
| EMI Test Receiver                            | ESR      | Rohde & Schwarz | 101910     | 05/26/2024         | Annual               |
| Temperature Chamber                          | SU-642   | ESPEC           | 0093008124 | 02/22/2024         | Annual               |
| Signal Analyzer                              | N9030A   | Agilent         | MY49432108 | 03/02/2024         | Annual               |
| Power Measurement Set                        | OSP 120  | Rohde & Schwarz | 101231     | 06/09/2024         | Annual               |
| Power Meter                                  | N1911A   | Agilent         | MY45100523 | 03/06/2024         | Annual               |
| Power Sensor                                 | N1921A   | Agilent         | MY57820067 | 03/06/2024         | Annual               |
| Directional Coupler                          | 87300B   | Agilent         | 3116A03621 | 11/02/2023         | Annual               |
| Power Splitter                               | 11667B   | Hewlett Packard | 10545      | 02/06/2024         | Annual               |
| DC Power Supply                              | E3632A   | Agilent         | KR75303243 | 04/24/2024         | Annual               |
| Attenuator(10 dB)(DC-26.5 GHz)               | 8493C    | HP              | 07560      | 06/12/2024         | Annual               |
| Attenuator(10 dB)(DC-26.5 GHz)               | 8493C    | HP              | 08285      | 06/02/2024         | Annual               |
| Attenuator(20 dB)                            | 18N-20dB | Rohde & Schwarz | 8          | 03/08/2024         | Annual               |
| Software                                     | EMC32    | Rohde & Schwarz | N/A        | N/A                | N/A                  |
| FCC WLAN&BT&BLE Conducted Test Software v3.0 | N/A      | HCT CO., LTD.   | N/A        | N/A                | N/A                  |

### Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

### Radiated Test

| Equipment                           | Model                                    | Manufacturer           | Serial No.  | Due to Calibration | Calibration Interval |
|-------------------------------------|------------------------------------------|------------------------|-------------|--------------------|----------------------|
| Controller(Antenna mast)            | CO3000                                   | Innco system           | CO3000-4p   | N/A                | N/A                  |
| Antenna Position Tower              | MA4640/800-XP-EP                         | Innco system           | N/A         | N/A                | N/A                  |
| EM1000 / Controller                 | EM1000                                   | Audix                  | 060520      | N/A                | N/A                  |
| Turn Table                          | N/A                                      | Audix                  | N/A         | N/A                | N/A                  |
| Amp & Filter Bank Switch Controller | FBSM-01B                                 | T&M system             | TM19050002  | N/A                | N/A                  |
| Loop Antenna                        | 1513                                     | Schwarzbeck            | 1513-333    | 03/17/2024         | Biennial             |
| Hybrid Antenna                      | VULB 9168                                | Schwarzbeck            | 9168-0895   | 08/16/2024         | Biennial             |
| Horn Antenna                        | BBHA 9120D                               | Schwarzbeck            | 9120D-1300  | 01/18/2024         | Biennial             |
| Horn Antenna                        | BBHA 9120D                               | Schwarzbeck            | 9120D-2296  | 05/18/2024         | Biennial             |
| Horn Antenna(15 GHz ~ 40 GHz)       | BBHA9170                                 | Schwarzbeck            | BBHA9170342 | 09/29/2024         | Biennial             |
| Spectrum Analyzer                   | FSV(10 Hz ~ 40 GHz)                      | Rohde & Schwarz        | 101055      | 05/12/2024         | Annual               |
| Band Reject Filter                  | WRCJV2400/2483.5-2370/2520-60/12SS       | Wainwright Instruments | 2           | 01/05/2024         | Annual               |
| Band Reject Filter                  | WRCJV12-4900-5100-5900-6100-50SS         | Wainwright Instruments | 5           | 06/12/2024         | Annual               |
| Band Reject Filter                  | WRCJV12-4900-5100-5900-6100-50SS         | Wainwright Instruments | 6           | 06/12/2024         | Annual               |
| High Pass Filter(7 GHz ~ 18 GHz)    | WHKX10-7150-8000-18000-50SS              | Wainwright Instruments | 1           | 03/02/2024         | Annual               |
| Power Amplifier                     | CBL18265035                              | CERNEX                 | 22966       | 12/01/2023         | Annual               |
| Power Amplifier                     | CBL26405040                              | CERNEX                 | 25956       | 03/02/2024         | Annual               |
| Bluetooth Tester                    | TC-3000C                                 | TESCOM                 | 3000C000175 | 03/28/2024         | Annual               |
| RF Switching System                 | FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz))  | T&M system             | S1L1        | 01/17/2024         | Annual               |
| RF Switching System                 | FMSR -05B (ATT(10dB) + LNA1(1~18GHz))    | T&M system             | S1L2        | 01/17/2024         | Annual               |
| RF Switching System                 | FMSR -05B (ATT(3dB) + LNA1(1~18GHz))     | T&M system             | S1L3        | 01/17/2024         | Annual               |
| RF Switching System                 | FMSR -05B (LNA1(1~18GHz))                | T&M system             | S1L4        | 01/17/2024         | Annual               |
| RF Switching System                 | FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz)) | T&M system             | S1L5        | 01/17/2024         | Annual               |
| RF Switching System                 | FMSR -05B (Thru(30MHz ~ 18GHz))          | T&M system             | S1L6        | 01/17/2024         | Annual               |

### Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

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## 12. ANNEX A\_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

| No. | Description         |
|-----|---------------------|
| 1   | HCT-RF-2307-FC029-P |