



Test Report No.:  
FCC2025-0022

# TEST REPORT

**FCC ID** : SS4S20W1  
**Applicant** : BLUEBIRD INC.  
**Product Name** : Enterprise Full Touch Handheld Computer  
**Model No.** : S20

**CVC Testing Technology Co., Ltd.**

|                                                                                                                                |                                                                                                                                                                                                                                                                                                                              |                        |             |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|
| <b>Product Name</b>                                                                                                            | Enterprise Full Touch Handheld Computer                                                                                                                                                                                                                                                                                      | <b>Trade Mark</b>      | BLUEBIRD    |
| <b>Type/Model</b>                                                                                                              | S20                                                                                                                                                                                                                                                                                                                          | <b>Sample Status</b>   | /           |
| <b>Applicant</b>                                                                                                               | BLUEBIRD INC.                                                                                                                                                                                                                                                                                                                |                        |             |
| <b>Applicant Address</b>                                                                                                       | 3F, 115, Irwon-ro, Gangnam-gu, Seoul, Republic of Korea                                                                                                                                                                                                                                                                      |                        |             |
| <b>Manufacturer</b>                                                                                                            | BLUEBIRD INC.                                                                                                                                                                                                                                                                                                                |                        |             |
| <b>Manufacturer Address</b>                                                                                                    | 3F, 115, Irwon-ro, Gangnam-gu, Seoul, Republic of Korea                                                                                                                                                                                                                                                                      |                        |             |
| <b>Factory</b>                                                                                                                 | BLUEBIRD INC.                                                                                                                                                                                                                                                                                                                |                        |             |
| <b>Factory Address</b>                                                                                                         | 3F, 115, Irwon-ro, Gangnam-gu, Seoul, Republic of Korea                                                                                                                                                                                                                                                                      |                        |             |
| <b>Sample Identification</b>                                                                                                   | FCC2025-0022-_1-1                                                                                                                                                                                                                                                                                                            | <b>Test Item</b>       | See page 21 |
| <b>Tested According To</b>                                                                                                     | FCC CFR47 Part 15E<br>ANSI C63.10-2020/Cor1-2023<br>KDB 789033 D02 General UNII Test Procedures New Rules v02r01<br>KDB 987594 D01 U-NII 6GHz General Requirements v03r01<br>KDB 987594 D02 U-NII 6 GHz EMC Measurement v03<br>KDB 414788 D01 Radiated Test Site v01r01<br>KDB 662911 D01 Multiple Transmitter Output v02r01 |                        |             |
| <b>Receiving Date</b>                                                                                                          | 2025-04-21                                                                                                                                                                                                                                                                                                                   | <b>Completing Date</b> | 2025-06-25  |
| <b>Test conclusion</b>                                                                                                         | The equipment under test was found to comply with the requirements of the standards applied.<br><br>Final Verdict: Pass.<br><br><div style="text-align: right;">           Seal of CVC<br/><br/>           Date of issue: 2025-06-25         </div>                                                                          |                        |             |
| Abbreviations: / Pass= passed Fail = failed N/A= not applicable                                                                |                                                                                                                                                                                                                                                                                                                              |                        |             |
| This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of <b>CVC</b> . |                                                                                                                                                                                                                                                                                                                              |                        |             |

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**RELEASE CONTROL RECORD**

| ISSUE NO.    | REASON FOR CHANGE | DATE ISSUED |
|--------------|-------------------|-------------|
| FCC2025-0022 | Original release  | Jun.09,2025 |

# 1. General Product Information

## 1.1 General information

|                         |                                                                                                                                                                                                                                                                                 |                      |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Product Name            | Enterprise Full Touch Handheld Computer                                                                                                                                                                                                                                         |                      |
| Model No.               | S20                                                                                                                                                                                                                                                                             |                      |
| Additional model        | N/A                                                                                                                                                                                                                                                                             |                      |
| Power Supply            | 1. DC 3.85V (1*3.85V Rechargeable Li-ion Polymer battery)<br>2. DC 5V From Adapter                                                                                                                                                                                              |                      |
| Serial Number(SN)       | N/A                                                                                                                                                                                                                                                                             |                      |
| Fix Frequency Software  | Qualcomm Radio Control Tool                                                                                                                                                                                                                                                     |                      |
| specific power settings | IEEE 802.11ax(HEW20): 7<br>IEEE 802. 11ax (HEW40): 7<br>IEEE 802. 11ax (HEW80): 7<br>IEEE 802. 11ax (HEW160): 7                                                                                                                                                                 |                      |
| Antenna Type            | PIFA Antenna                                                                                                                                                                                                                                                                    |                      |
| Antenna Gain            | Ant1: 2.47 dBi, Ant2: 0.19 dBi (provided by client)                                                                                                                                                                                                                             |                      |
| Beamforming gain        | Unsupported                                                                                                                                                                                                                                                                     |                      |
| Partial RU              | Supported (RU Configure)                                                                                                                                                                                                                                                        | 26 Tone RU Index 0   |
|                         |                                                                                                                                                                                                                                                                                 | 26 Tone RU Index 8   |
|                         |                                                                                                                                                                                                                                                                                 | 52 Tone RU Index 37  |
|                         |                                                                                                                                                                                                                                                                                 | 52 Tone RU Index 40  |
|                         |                                                                                                                                                                                                                                                                                 | 106 Tone RU Index 53 |
|                         |                                                                                                                                                                                                                                                                                 | 106 Tone RU Index 54 |
|                         |                                                                                                                                                                                                                                                                                 | 242 Tone RU Index 61 |
|                         |                                                                                                                                                                                                                                                                                 | 242 Tone RU Index 62 |
|                         |                                                                                                                                                                                                                                                                                 | 484 Tone RU Index 65 |
|                         |                                                                                                                                                                                                                                                                                 | 484 Tone RU Index 66 |
|                         |                                                                                                                                                                                                                                                                                 | 996 Tone RU Index 67 |
|                         |                                                                                                                                                                                                                                                                                 | 996 Tone RU Index 68 |
|                         |                                                                                                                                                                                                                                                                                 | Full RU              |
| channel puncturing      | Unsupported                                                                                                                                                                                                                                                                     |                      |
| Frequency Range         | UNII-5:<br>For HEW20/a: 5955MHz ~ 6415MHz<br>For HEW40: 5965MHz ~ 6405MHz<br>For HEW80: 5985MHz ~ 6385MHz<br>For HEW160: 6025MHz ~ 6345MHz<br>UNII-6:<br>For HEW20/a: 6435MHz ~ 6515MHz<br>For HEW40: 6445MHz ~ 6525MHz<br>For HEW80: 6465MHz<br>For HEW160: 6505MHz<br>UNII-7: |                      |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For HEW20/a: 6535MHz ~ 6855MHz<br>For HEW40: 6565MHz ~ 6845MHz<br>For HEW80: 6545MHz ~ 6865MHz<br>For HEW160: 6665MHz ~6825MHz<br>UNII-8:<br>For HEW20/a: 6875MHz ~ 7115MHz<br>For HEW40: 6885MHz ~ 7085MHz<br>For HEW80: 6945MHz ~ 7025MHz<br>For HEW160: 6985MHz |
| Modulation Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IEEE 802.11ax(HEW20/HEW40/HEW80/HEW160):<br>1024QAM,256QAM,64QAM,16QAM, QPSK,BPSK for OFDMA                                                                                                                                                                        |
| Max. EIRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UNII-5: 11.92dBm<br>UNII-6: 11.67dBm<br>UNII-7: 11.42dBm<br>UNII-8: 11.95dBm                                                                                                                                                                                       |
| Equipment Class                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6XD                                                                                                                                                                                                                                                                |
| Note:<br>1. The information of the EUT is declared by the manufacturer.<br>2. The laboratory is not responsible for the product technical specification provided by the client.<br>3. The product models of this application are: DB0X04. All the tests carried out on model DB0X04.<br>4. EUT photo refer to report (Report NO.:FCCSZ2025-0036-EUT).<br>5. For marketing purposes, only the model names on the nameplates are labeled differently in different markets, with no safety issues. |                                                                                                                                                                                                                                                                    |

## 2. Test Sites

### 2.1 Test Facilities

The tests and measurements refer to this report were performed by RF testing Lab of CVC Testing Technology Co., Ltd.

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FCC(Test firm designation number: CN1282)

IC(Test firm CAB identifier number: CN0103)

CNAS(Test firm designation number: L0095)

### 2.2 Description of Non-standard Method and Deviations

The testing and measurement methods used in this report are applied by all standard methods. Not any non-standard method or deviation from the used standards was used.

### 2.3 List of Test and Measurement Instruments

Refer to **Appendix X**.

### 3. Test Configuration

#### 3.1 Operating Frequency of Each Channel

|         |            |      |      |      |      |      |      |      |      |
|---------|------------|------|------|------|------|------|------|------|------|
| BW 20M  | Channel    | 1    | 5    | 9    | 13   | 17   | 21   | 25   | 29   |
|         | Freq.(MHz) | 5955 | 5975 | 5995 | 6015 | 6035 | 6055 | 6075 | 6095 |
| BW 40M  | Channel    | 3    |      | 11   |      | 19   |      | 27   |      |
|         | Freq.(MHz) | 5965 |      | 6005 |      | 6045 |      | 6085 |      |
| BW 80M  | Channel    | 7    |      |      |      | 23   |      |      |      |
|         | Freq.(MHz) | 5985 |      |      |      | 6065 |      |      |      |
| BW 160M | Channel    | 15   |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6025 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 33   | 37   | 41   | 45   | 49   | 53   | 57   | 61   |
|         | Freq.(MHz) | 6115 | 6135 | 6155 | 6175 | 6195 | 6215 | 6235 | 6255 |
| BW 40M  | Channel    | 35   |      | 43   |      | 51   |      | 59   |      |
|         | Freq.(MHz) | 6125 |      | 6165 |      | 6205 |      | 6245 |      |
| BW 80M  | Channel    | 39   |      |      |      | 55   |      |      |      |
|         | Freq.(MHz) | 6145 |      |      |      | 6225 |      |      |      |
| BW160M  | Channel    | 47   |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6185 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 65   | 69   | 73   | 77   | 81   | 85   | 89   | 93   |
|         | Freq.(MHz) | 6275 | 6295 | 6315 | 6335 | 6355 | 6375 | 6395 | 6415 |
| BW 40M  | Channel    | 67   |      | 75   |      | 83   |      | 91   |      |
|         | Freq.(MHz) | 6285 |      | 6325 |      | 6365 |      | 6405 |      |
| BW 80M  | Channel    | 71   |      |      |      | 87   |      |      |      |
|         | Freq.(MHz) | 6305 |      |      |      | 6385 |      |      |      |
| BW 160M | Channel    | 79   |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6345 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 97   | 101  | 105  | 109  | 113  | 117  | 121  | 125  |
|         | Freq.(MHz) | 6435 | 6455 | 6475 | 6495 | 6515 | 6535 | 6555 | 6575 |
| BW 40M  | Channel    | 99   |      | 107  |      | 115  |      | 123  |      |
|         | Freq.(MHz) | 6445 |      | 6485 |      | 6525 |      | 6565 |      |
| BW 80M  | Channel    | 103  |      |      |      | 119  |      |      |      |
|         | Freq.(MHz) | 6465 |      |      |      | 6545 |      |      |      |
| BW160M  | Channel    | 111  |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6505 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 129  | 133  | 137  | 141  | 145  | 149  | 153  | 157  |
|         | Freq.(MHz) | 6595 | 6615 | 6635 | 6655 | 6675 | 6695 | 6715 | 6735 |

|         |            |      |      |      |      |      |      |      |      |
|---------|------------|------|------|------|------|------|------|------|------|
| BW 40M  | Channel    | 131  |      | 139  |      | 147  |      | 155  |      |
|         | Freq.(MHz) | 6605 |      | 6645 |      | 6685 |      | 6725 |      |
| BW 80M  | Channel    | 135  |      |      |      | 151  |      |      |      |
|         | Freq.(MHz) | 6625 |      |      |      | 6705 |      |      |      |
| BW 160M | Channel    | 143  |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6665 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 161  | 165  | 169  | 173  | 177  | 181  | 185  | 189  |
|         | Freq.(MHz) | 6755 | 6775 | 6795 | 6815 | 6835 | 6855 | 6875 | 6895 |
| BW 40M  | Channel    | 163  |      | 171  |      | 179  |      | 187  |      |
|         | Freq.(MHz) | 6765 |      | 6805 |      | 6845 |      | 6885 |      |
| BW 80M  | Channel    | 167  |      |      |      | 183  |      |      |      |
|         | Freq.(MHz) | 6785 |      |      |      | 6865 |      |      |      |
| BW160M  | Channel    | 175  |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6825 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 193  | 197  | 201  | 205  | 209  | 213  | 217  | 221  |
|         | Freq.(MHz) | 6915 | 6935 | 6955 | 6975 | 6995 | 7015 | 7035 | 7055 |
| BW 40M  | Channel    | 195  |      | 203  |      | 211  |      | 219  |      |
|         | Freq.(MHz) | 6925 |      | 6965 |      | 7005 |      | 7045 |      |
| BW 80M  | Channel    | 199  |      |      |      | 215  |      |      |      |
|         | Freq.(MHz) | 6945 |      |      |      | 7025 |      |      |      |
| BW160M  | Channel    | 207  |      |      |      |      |      |      |      |
|         | Freq.(MHz) | 6985 |      |      |      |      |      |      |      |
| BW 20M  | Channel    | 225  | 229  | 233  | ---  | ---  | ---  | ---  | ---  |
|         | Freq.(MHz) | 7075 | 7095 | 7115 | ---  | ---  | ---  | ---  | ---  |
| BW 40M  | Channel    | 227  |      | ---  |      | ---  |      | ---  |      |
|         | Freq.(MHz) | 7085 |      | ---  |      | ---  |      | ---  |      |

## 3.2 Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

| Test Mode                   | Antenna Delivery | Test Channel                               | RU Configure     |
|-----------------------------|------------------|--------------------------------------------|------------------|
| IEEE 802.11ax(HEW20) MIMO   | 2TX / 2RX        | 1,45,93,97,105,113,117,149,181,185,209,233 | Full RU, Part RU |
| IEEE 802.11ax (HEW40) MIMO  | 2TX / 2RX        | 3,43,91,99,107,115,123,147,179,187,203,227 | Full RU, Part RU |
| IEEE 802.11ax (HEW80) MIMO  | 2TX / 2RX        | 7,39,87,103,119,151,183,199,215            | Full RU, Part RU |
| IEEE 802.11ax (HEW160) MIMO | 2TX / 2RX        | 15,47,79,111,143,175,207                   | Full RU, Part RU |

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate and different channels.. Preliminary tests have been done on all the configurations for confirming worst case. Data rate below means worst-case rate of each test item.

Worst-case data rates and channels are shown as following table.

| Test Mode               | Antenna Delivery | Data Rate |           |       |
|-------------------------|------------------|-----------|-----------|-------|
|                         |                  | Antenna 1 | Antenna 2 | MIMO  |
| IEEE 802.11ax(HEW20)    | 2TX / 2RX        | MCS 0     | MCS 0     | MCS 0 |
| IEEE 802. 11ax (HEW40)  | 2TX / 2RX        | MCS 0     | MCS 0     | MCS 0 |
| IEEE 802. 11ax (HEW80)  | 2TX / 2RX        | MCS 0     | MCS 0     | MCS 0 |
| IEEE 802. 11ax (HEW160) | 2TX / 2RX        | MCS 0     | MCS 0     | MCS 0 |

| Test Items                     | Test Antennas | Test Modes                                            | Test Channels                                                                                                                                                       | RU Configure                                                                                                                                            |
|--------------------------------|---------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Duty Cycle                     | MIMO          | 802.11ax20<br>802.11ax40<br>802.11ax80<br>802.11ax160 | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU,Part RU                                                                                                                                         |
| Conducted Emissions            | MIMO          | 802.11ax20                                            | 1                                                                                                                                                                   | Full RU                                                                                                                                                 |
| Unwanted Emissions             | MIMO          | 802.11ax20                                            | 1,93,97,113,117,181,185,229                                                                                                                                         | Full RU                                                                                                                                                 |
| Maximum conducted output power | MIMO          | 802.11ax20<br>802.11ax40<br>802.11ax80<br>802.11ax160 | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU                                                                                                                                                 |
| Maximum Power spectral density | MIMO          | 802.11ax20                                            | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU,<br>26 Tone RU Index 0,<br>26 Tone RU Index 8,<br>52 Tone RU Index 37,<br>52 Tone RU Index 40,<br>106 Tone RU Index 53,<br>106 Tone RU Index 54 |

|                                                    |      |                                                       |                                                                                                                                                                     |                                                           |
|----------------------------------------------------|------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
|                                                    |      | 802.11ax40                                            |                                                                                                                                                                     | Full RU,<br>242 Tone RU Index 61,<br>242 Tone RU Index 62 |
|                                                    |      | 802.11ax80                                            |                                                                                                                                                                     | Full RU,<br>484 Tone RU Index 65                          |
|                                                    |      | 802.11ax160                                           |                                                                                                                                                                     | Full RU,<br>996 Tone RU Index 67                          |
| Emission<br>Bandwidth<br>and Occupied<br>Bandwidth | MIMO | 802.11ax20<br>802.11ax40<br>802.11ax80<br>802.11ax160 | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU                                                   |
| In-Band Mask                                       | MIMO | 802.11ax20<br>802.11ax40<br>802.11ax80<br>802.11ax160 | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU                                                   |
| Frequency<br>stability                             | MIMO | 802.11ax20<br>802.11ax40<br>802.11ax80<br>802.11ax160 | 1,45,93,97,105,113,117,149,<br>181,185,209,233<br>3,43,91,99,107,115,123,147,<br>179,187,203,227<br>7,39,87,103,119,151,183,199,<br>215<br>15,47,79,111,143,175,207 | Full RU                                                   |
| Contention-b<br>ased Protocol                      | MIMO | 802.11ax20<br>802.11ax80<br>802.11ax160               | 45,105,149,209<br>39,103,151,199<br>47,111,143,207                                                                                                                  | Full RU                                                   |

### 3.3 Duty cycle

| Test Mode  | Antenna | Channel | RU Configure  | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|------------|---------|---------|---------------|----------------------------|--------------------------|----------------|-------|---------|
| 11AX20MIMO | Ant1    | 5955    | Full          | 4.57                       | 4.58                     | 99.78          | ---   | ---     |
|            | Ant2    | 5955    | Full          | 4.56                       | 4.58                     | 99.56          | ---   | ---     |
|            | Ant1    | 5955    | 26 Tone RU0   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 26 Tone RU8   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU37  | 5.06                       | 5.08                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU40  | 5.06                       | 5.08                     | 99.61          | ---   | ---     |
|            |         |         | 106 Tone RU53 | 2.72                       | 2.74                     | 99.27          | ---   | ---     |
|            |         |         | 106 Tone RU54 | 2.72                       | 2.74                     | 99.27          | ---   | ---     |
|            | Ant2    | 5955    | 26 Tone RU0   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 26 Tone RU8   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU37  | 5.06                       | 5.07                     | 99.80          | ---   | ---     |
|            |         |         | 52 Tone RU40  | 5.06                       | 5.08                     | 99.61          | ---   | ---     |
|            |         |         | 106 Tone RU53 | 2.72                       | 2.73                     | 99.63          | ---   | ---     |
|            |         |         | 106 Tone RU54 | 2.72                       | 2.74                     | 99.27          | ---   | ---     |
|            | Ant1    | 6175    | Full          | 4.57                       | 4.58                     | 99.78          | ---   | ---     |
|            | Ant2    | 6175    | Full          | 4.56                       | 4.58                     | 99.56          | ---   | ---     |
|            | Ant1    | 6175    | 26 Tone RU0   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 26 Tone RU8   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU37  | 5.06                       | 5.08                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU40  | 5.06                       | 5.07                     | 99.80          | ---   | ---     |
|            |         |         | 106 Tone RU53 | 2.72                       | 2.74                     | 99.27          | ---   | ---     |
|            |         |         | 106 Tone RU54 | 2.71                       | 2.73                     | 99.27          | ---   | ---     |
|            | Ant2    | 6175    | 26 Tone RU0   | 5.08                       | 5.09                     | 99.80          | ---   | ---     |
|            |         |         | 26 Tone RU8   | 5.07                       | 5.09                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU37  | 5.06                       | 5.08                     | 99.61          | ---   | ---     |
|            |         |         | 52 Tone RU40  | 5.06                       | 5.07                     | 99.80          | ---   | ---     |
|            |         |         | 106 Tone RU53 | 2.71                       | 2.73                     | 99.27          | ---   | ---     |
|            |         |         | 106 Tone RU54 | 2.72                       | 2.74                     | 99.27          | ---   | ---     |
|            | Ant1    | 6415    | Full          | 4.56                       | 4.58                     | 99.56          | ---   | ---     |
|            | Ant2    | 6415    | Full          | 4.57                       | 4.58                     | 99.78          | ---   | ---     |
|            | Ant1    | 6415    | 26 Tone RU0   | 5.08                       | 5.09                     | 99.80          | ---   | ---     |
|            |         |         | 26 Tone RU8   | 5.08                       | 5.09                     | 99.80          | ---   | ---     |
|            |         |         | 52 Tone RU37  | 5.06                       | 5.07                     | 99.80          | ---   | ---     |

|  |      |      |               |      |      |       |     |     |
|--|------|------|---------------|------|------|-------|-----|-----|
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant2 | 6415 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant1 | 6435 | Full          | 4.57 | 4.58 | 99.78 | --- | --- |
|  | Ant2 | 6435 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6435 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.07 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant2 | 6435 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.71 | 2.73 | 99.27 | --- | --- |
|  | Ant1 | 6475 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant2 | 6475 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6475 | 26 Tone RU0   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.71 | 2.73 | 99.27 | --- | --- |
|  | Ant2 | 6475 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.08 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone       | 5.06 | 5.08 | 99.61 | --- | --- |

|  |      |      |               |      |      |       |     |     |
|--|------|------|---------------|------|------|-------|-----|-----|
|  |      |      | RU40          |      |      |       |     |     |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.73 | 99.63 | --- | --- |
|  | Ant1 | 6515 | Full          | 4.57 | 4.58 | 99.78 | --- | --- |
|  | Ant2 | 6515 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6515 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.07 | 99.80 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.73 | 99.63 | --- | --- |
|  | Ant2 | 6515 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.07 | 99.80 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.71 | 2.73 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.73 | 99.63 | --- | --- |
|  | Ant1 | 6535 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant2 | 6535 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6535 | 26 Tone RU0   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant2 | 6535 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.08 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.71 | 2.73 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.73 | 99.63 | --- | --- |
|  | Ant1 | 6695 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant2 | 6695 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6695 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.07 | 99.80 | --- | --- |

|  |      |      |               |      |      |       |     |     |
|--|------|------|---------------|------|------|-------|-----|-----|
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.71 | 2.73 | 99.27 | --- | --- |
|  | Ant2 | 6695 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.07 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant1 | 6855 | Full          | 4.57 | 4.58 | 99.78 | --- | --- |
|  | Ant2 | 6855 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6855 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.71 | 2.73 | 99.27 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant2 | 6855 | 26 Tone RU0   | 5.08 | 5.09 | 99.80 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.07 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant1 | 6875 | Full          | 4.57 | 4.58 | 99.78 | --- | --- |
|  | Ant2 | 6875 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|  | Ant1 | 6875 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.08 | 99.80 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|  |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|  | Ant2 | 6875 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|  |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|  |      |      | 52 Tone       | 5.06 | 5.08 | 99.61 | --- | --- |

|            |      |      |               |      |      |       |     |     |
|------------|------|------|---------------|------|------|-------|-----|-----|
|            |      |      | RU40          |      |      |       |     |     |
|            |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|            |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
|            | Ant1 | 6995 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|            | Ant2 | 6995 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|            | Ant1 | 6995 | 26 Tone RU0   | 5.07 | 5.08 | 99.80 | --- | --- |
|            |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU40  | 5.06 | 5.08 | 99.61 | --- | --- |
|            |      |      | 106 Tone RU53 | 2.72 | 2.74 | 99.27 | --- | --- |
|            |      |      | 106 Tone RU54 | 2.71 | 2.73 | 99.27 | --- | --- |
|            | Ant2 | 6995 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 26 Tone RU8   | 5.07 | 5.08 | 99.80 | --- | --- |
|            |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU40  | 5.06 | 5.07 | 99.80 | --- | --- |
|            |      |      | 106 Tone RU53 | 2.71 | 2.73 | 99.27 | --- | --- |
|            |      |      | 106 Tone RU54 | 2.71 | 2.73 | 99.27 | --- | --- |
|            | Ant1 | 7115 | Full          | 4.57 | 4.58 | 99.78 | --- | --- |
|            | Ant2 | 7115 | Full          | 4.56 | 4.58 | 99.56 | --- | --- |
|            | Ant1 | 7115 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU37  | 5.06 | 5.08 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU40  | 5.06 | 5.07 | 99.80 | --- | --- |
|            |      |      | 106 Tone RU53 | 2.71 | 2.73 | 99.27 | --- | --- |
|            |      |      | 106 Tone RU54 | 2.72 | 2.73 | 99.63 | --- | --- |
|            | Ant2 | 7115 | 26 Tone RU0   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 26 Tone RU8   | 5.07 | 5.09 | 99.61 | --- | --- |
|            |      |      | 52 Tone RU37  | 5.06 | 5.07 | 99.80 | --- | --- |
|            |      |      | 52 Tone RU40  | 5.06 | 5.07 | 99.80 | --- | --- |
|            |      |      | 106 Tone RU53 | 2.72 | 2.73 | 99.63 | --- | --- |
|            |      |      | 106 Tone RU54 | 2.72 | 2.74 | 99.27 | --- | --- |
| 11AX40MIMO | Ant1 | 5965 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant2 | 5965 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant1 | 5965 | 242 Tone RU61 | 1.22 | 1.24 | 98.39 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|            | Ant2 | 5965 | 242 Tone RU61 | 1.22 | 1.24 | 98.39 | --- | --- |

|  |      |      |                  |      |      |       |     |     |
|--|------|------|------------------|------|------|-------|-----|-----|
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|  | Ant1 | 6165 | Full             | 2.44 | 2.45 | 99.59 | --- | --- |
|  | Ant2 | 6165 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant1 | 6165 | 242 Tone<br>RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|  | Ant2 | 6165 | 242 Tone<br>RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
|  | Ant1 | 6405 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant2 | 6405 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant1 | 6405 | 242 Tone<br>RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
|  | Ant2 | 6405 | 242 Tone<br>RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|  | Ant1 | 6445 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant2 | 6445 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant1 | 6445 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|  | Ant2 | 6445 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|  | Ant1 | 6485 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant2 | 6485 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant1 | 6485 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|  | Ant2 | 6485 | 242 Tone<br>RU61 | 1.22 | 1.24 | 98.39 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|  | Ant1 | 6525 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant2 | 6525 | Full             | 2.44 | 2.45 | 99.59 | --- | --- |
|  | Ant1 | 6525 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
|  | Ant2 | 6525 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
|  | Ant1 | 6565 | Full             | 2.44 | 2.45 | 99.59 | --- | --- |
|  | Ant2 | 6565 | Full             | 2.43 | 2.44 | 99.59 | --- | --- |
|  | Ant1 | 6565 | 242 Tone<br>RU61 | 1.22 | 1.24 | 98.39 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|  | Ant2 | 6565 | 242 Tone<br>RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|  |      |      | 242 Tone<br>RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|  | Ant1 | 6685 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant2 | 6685 | Full             | 2.43 | 2.45 | 99.18 | --- | --- |
|  | Ant1 | 6685 | 242 Tone         | 1.23 | 1.25 | 98.40 | --- | --- |

|            |      |      |               |      |      |       |     |     |
|------------|------|------|---------------|------|------|-------|-----|-----|
|            |      |      | RU61          |      |      |       |     |     |
|            |      |      | 242 Tone RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|            | Ant2 | 6685 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|            | Ant1 | 6845 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant2 | 6845 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant1 | 6845 | 242 Tone RU61 | 1.22 | 1.24 | 98.39 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|            | Ant2 | 6845 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|            | Ant1 | 6885 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant2 | 6885 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant1 | 6885 | 242 Tone RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.24 | 99.19 | --- | --- |
|            | Ant2 | 6885 | 242 Tone RU61 | 1.23 | 1.24 | 99.19 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|            | Ant1 | 6965 | Full          | 2.43 | 2.44 | 99.59 | --- | --- |
|            | Ant2 | 6965 | Full          | 2.43 | 2.44 | 99.59 | --- | --- |
|            | Ant1 | 6965 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|            | Ant2 | 6965 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.23 | 1.25 | 98.40 | --- | --- |
|            | Ant1 | 7085 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant2 | 7085 | Full          | 2.43 | 2.45 | 99.18 | --- | --- |
|            | Ant1 | 7085 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
|            | Ant2 | 7085 | 242 Tone RU61 | 1.23 | 1.25 | 98.40 | --- | --- |
|            |      |      | 242 Tone RU62 | 1.22 | 1.24 | 98.39 | --- | --- |
| 11AX80MIMO | Ant1 | 5985 | Full          | 2.21 | 2.22 | 99.55 | --- | --- |
|            | Ant2 | 5985 | Full          | 2.21 | 2.22 | 99.55 | --- | --- |
|            | Ant1 | 5985 | 484 Tone RU65 | 1.41 | 1.43 | 98.60 | --- | --- |
|            | Ant2 | 5985 | 484 Tone RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|            | Ant1 | 6145 | Full          | 2.20 | 2.21 | 99.55 | --- | --- |
|            | Ant2 | 6145 | Full          | 2.20 | 2.22 | 99.10 | --- | --- |
|            | Ant1 | 6145 | 484 Tone RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|            | Ant2 | 6145 | 484 Tone RU65 | 1.41 | 1.43 | 98.60 | --- | --- |
|            | Ant1 | 6385 | Full          | 2.20 | 2.21 | 99.55 | --- | --- |
|            | Ant2 | 6385 | Full          | 2.20 | 2.22 | 99.10 | --- | --- |
|            | Ant1 | 6385 | 484 Tone RU65 | 1.41 | 1.42 | 99.30 | --- | --- |
|            | Ant2 | 6385 | 484 Tone RU65 | 1.40 | 1.42 | 98.59 | --- | --- |

|             |      |      |                  |      |      |       |     |     |
|-------------|------|------|------------------|------|------|-------|-----|-----|
|             | Ant1 | 6465 | Full             | 2.21 | 2.22 | 99.55 | --- | --- |
|             | Ant2 | 6465 | Full             | 2.21 | 2.22 | 99.55 | --- | --- |
|             | Ant1 | 6465 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant2 | 6465 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant1 | 6545 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant2 | 6545 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant1 | 6545 | 484 Tone<br>RU65 | 1.41 | 1.43 | 98.60 | --- | --- |
|             | Ant2 | 6545 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant1 | 6705 | Full             | 2.21 | 2.22 | 99.55 | --- | --- |
|             | Ant2 | 6705 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant1 | 6705 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant2 | 6705 | 484 Tone<br>RU65 | 1.41 | 1.42 | 99.30 | --- | --- |
|             | Ant1 | 6865 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant2 | 6865 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant1 | 6865 | 484 Tone<br>RU65 | 1.41 | 1.43 | 98.60 | --- | --- |
|             | Ant2 | 6865 | 484 Tone<br>RU65 | 1.41 | 1.43 | 98.60 | --- | --- |
|             | Ant1 | 6945 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant2 | 6945 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant1 | 6945 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant2 | 6945 | 484 Tone<br>RU65 | 1.41 | 1.42 | 99.30 | --- | --- |
|             | Ant1 | 7025 | Full             | 2.20 | 2.22 | 99.10 | --- | --- |
|             | Ant2 | 7025 | Full             | 2.21 | 2.22 | 99.55 | --- | --- |
|             | Ant1 | 7025 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
|             | Ant2 | 7025 | 484 Tone<br>RU65 | 1.40 | 1.42 | 98.59 | --- | --- |
| 11AX160MIMO | Ant1 | 6025 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant2 | 6025 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant1 | 6025 | 996 Tone<br>RU67 | 0.71 | 0.72 | 98.61 | --- | --- |
|             | Ant2 | 6025 | 996 Tone<br>RU67 | 0.71 | 0.73 | 97.26 | --- | --- |
|             | Ant1 | 6185 | Full             | 2.15 | 2.16 | 99.54 | --- | --- |
|             | Ant2 | 6185 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant1 | 6185 | 996 Tone<br>RU67 | 0.71 | 0.73 | 97.26 | --- | --- |
|             | Ant2 | 6185 | 996 Tone<br>RU67 | 0.70 | 0.72 | 97.22 | --- | --- |
|             | Ant1 | 6345 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant2 | 6345 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant1 | 6345 | 996 Tone<br>RU67 | 0.71 | 0.73 | 97.26 | --- | --- |
|             | Ant2 | 6345 | 996 Tone<br>RU67 | 0.71 | 0.73 | 97.26 | --- | --- |
|             | Ant1 | 6505 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant2 | 6505 | Full             | 2.14 | 2.16 | 99.07 | --- | --- |
|             | Ant1 | 6505 | 996 Tone<br>RU67 | 0.70 | 0.72 | 97.22 | --- | --- |
|             | Ant2 | 6505 | 996 Tone<br>RU67 | 0.71 | 0.72 | 98.61 | --- | --- |
|             | Ant1 | 6665 | Full             | 0.00 | 0.00 | 100   | --- | --- |
|             | Ant2 | 6665 | Full             | 2.15 | 2.16 | 99.54 | --- | --- |
|             | Ant1 | 6665 | 996 Tone<br>RU67 | 0.71 | 0.72 | 98.61 | --- | --- |
|             | Ant2 | 6665 | 996 Tone         | 0.71 | 0.72 | 98.61 | --- | --- |

|  |      |      |                  |      |      |       |     |     |
|--|------|------|------------------|------|------|-------|-----|-----|
|  |      |      | RU67             |      |      |       |     |     |
|  | Ant1 | 6825 | Full             | 0.00 | 0.01 | 100   | --- | --- |
|  | Ant2 | 6825 | Full             | 2.15 | 2.16 | 99.54 | --- | --- |
|  | Ant1 | 6825 | 996 Tone<br>RU67 | 0.70 | 0.72 | 97.22 | --- | --- |
|  | Ant2 | 6825 | 996 Tone<br>RU67 | 0.71 | 0.73 | 97.26 | --- | --- |
|  | Ant1 | 6985 | Full             | 0.00 | 0.01 | 100   | --- | --- |
|  | Ant2 | 6985 | Full             | 0.00 | 0.01 | 100   | --- | --- |
|  | Ant1 | 6985 | 996 Tone<br>RU67 | 0.70 | 0.72 | 97.22 | --- | --- |
|  | Ant2 | 6985 | 996 Tone<br>RU67 | 0.70 | 0.72 | 97.22 | --- | --- |

## 4. Summary of measurement results

| Summary of measurements of results            | Clause in FCC rules                       | Verdict | Note                                        |
|-----------------------------------------------|-------------------------------------------|---------|---------------------------------------------|
| Conducted Emissions                           | FCC 15.207                                | PASS    | /                                           |
| Unwanted Emissions                            | FCC 15.407(b)<br>FCC 15.209<br>FCC 15.205 | PASS    | /                                           |
| Maximum conducted output power                | FCC 15.407(a)                             | PASS    | /                                           |
| Maximum Power spectral density                | FCC 15.407(a)                             | PASS    | Appendix C of WIFI6E_<br>diagram            |
| Emission Bandwidth and 99% Occupied Bandwidth | FCC 15.407(a)                             | PASS    | Appendix A1 and A2 of<br>WIFI6E_<br>diagram |
| In-Band Emission(Mask)                        | FCC 15.407(b)                             | PASS    | Appendix D of WIFI6E_<br>diagram            |
| Frequency stability                           | FCC 15.407(g)                             | PASS    | /                                           |
| Contention-based Protocol                     | FCC 15.407(d)                             | PASS    | Appendix E of WIFI6E_<br>diagram            |
| Antenna Requirement                           | FCC 15.203                                | PASS    | See note 1                                  |

Note 1: According to 15.203, it is considered sufficient to comply with the provisions of this section.

## 5. Measurement procedure

### 5.1 Conducted Emission

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

#### Method of Measurement:

The EUT IS placed on a non-metallic table of 80cm height above the horizontal metal reference ground plane. During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.10-2020/Cor1-2023. Connect the AC power line of the EUT to the LISN Use EMI receiver to detect the average and Quasi-peak value. RBW is set to 9kHz, VBW is set to 30kHz The measurement result should include both L line and N line.

The test is in transmitting mode.

#### Limits:

| Frequency (MHz) | Conducted Limits(dBμV) |           |
|-----------------|------------------------|-----------|
|                 | Quasi-peak             | Average   |
| 0.15 - 0.5      | 66 to 56 *             | 56 to 46* |
| 0.5 - 5         | 56                     | 46        |
| 5 - 30          | 60                     | 50        |

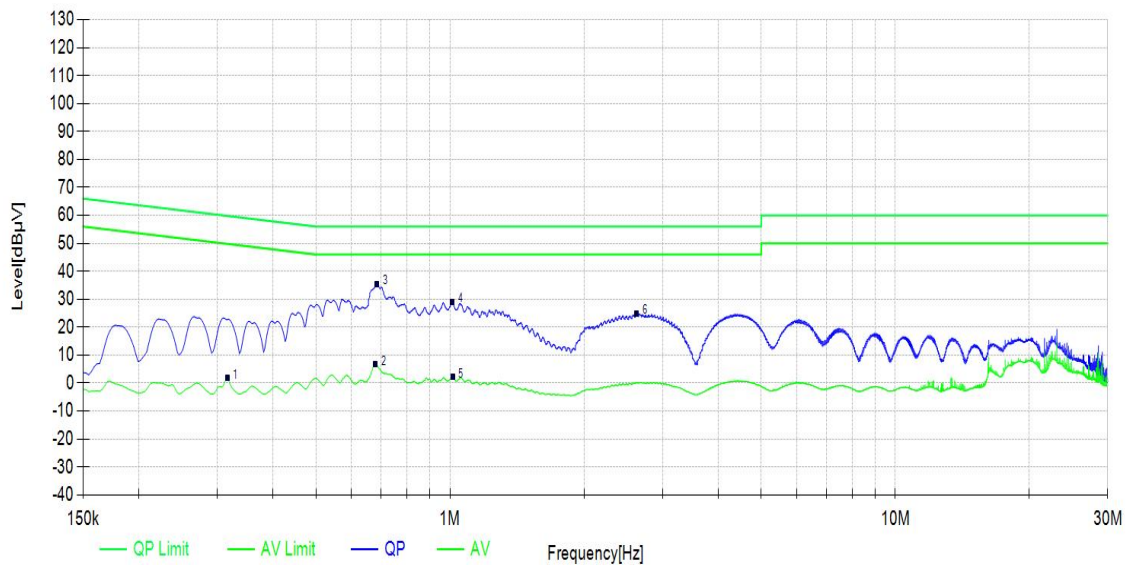
Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

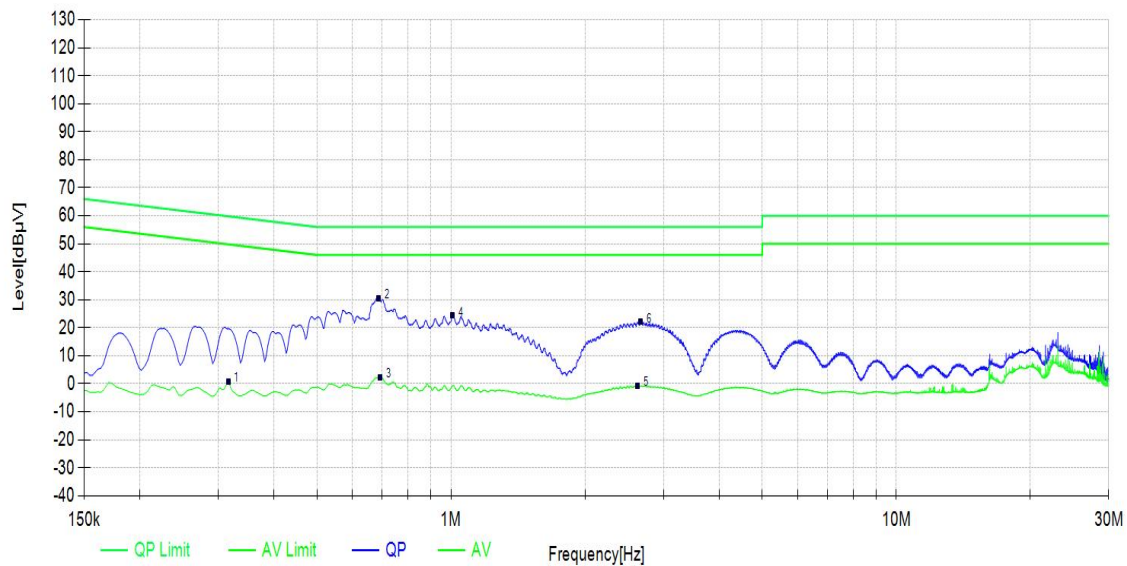
## Test Results:

During the test, the Conducted Emission from 150kHz to 30MHz was carried out in all modes of UNII, on all channels and all antennas. IEEE 802.11ax20, Channel 1, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

|                   |                |                   |                 |                 |                |          |      |           |
|-------------------|----------------|-------------------|-----------------|-----------------|----------------|----------|------|-----------|
| Radiates Emission |                | 150k~30MHz        |                 |                 |                |          |      |           |
| Power Line        |                | L                 |                 |                 |                |          |      |           |
| Test channel      |                | Worst-Case        |                 |                 |                |          |      |           |
| Suspected List    |                |                   |                 |                 |                |          |      |           |
| Freq.<br>[MHz]    | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV] | Limit<br>[dBμV] | Margin<br>[dB] | Detector | Type | Pass/Fail |
| 2.6250            | 10.33          | 14.50             | 24.83           | 56.00           | 31.17          | QP       | L    | PASS      |
| 1.0118            | 10.25          | 18.71             | 28.96           | 56.00           | 27.04          | QP       | L    | PASS      |
| 0.6855            | 10.24          | 25.14             | 35.38           | 56.00           | 20.62          | QP       | L    | PASS      |
| 0.6810            | 10.24          | -3.55             | 6.69            | 46.00           | 39.31          | AV       | L    | PASS      |
| 1.0140            | 10.25          | -8.15             | 2.10            | 46.00           | 43.90          | AV       | L    | PASS      |
| 0.3165            | 10.21          | -8.40             | 1.81            | 49.80           | 47.99          | AV       | L    | PASS      |



|                   |                |                   |                 |                 |                |          |      |           |
|-------------------|----------------|-------------------|-----------------|-----------------|----------------|----------|------|-----------|
| Radiates Emission |                | 150k~30MHz        |                 |                 |                |          |      |           |
| Power Line        |                | N                 |                 |                 |                |          |      |           |
| Test channel      |                | Worst-Case        |                 |                 |                |          |      |           |
| Suspected List    |                |                   |                 |                 |                |          |      |           |
| Freq.<br>[MHz]    | Factor<br>[dB] | Reading<br>[dBμV] | Level<br>[dBμV] | Limit<br>[dBμV] | Margin<br>[dB] | Detector | Type | Pass/Fail |
| 2.6700            | 10.32          | 11.78             | 22.10           | 56.00           | 33.90          | QP       | N    | PASS      |
| 0.6878            | 10.23          | 20.33             | 30.56           | 56.00           | 25.44          | QP       | N    | PASS      |
| 1.0095            | 10.25          | 14.06             | 24.31           | 56.00           | 31.69          | QP       | N    | PASS      |
| 0.6945            | 10.23          | -7.91             | 2.32            | 46.00           | 43.68          | AV       | N    | PASS      |
| 2.6250            | 10.32          | -11.05            | -0.73           | 46.00           | 46.73          | AV       | N    | PASS      |
| 0.3165            | 10.20          | -9.48             | 0.72            | 49.80           | 49.08          | AV       | N    | PASS      |



## 5.2 Unwanted Emission

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.

The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter( Above 18GHz the distance is 1 meter and table is 1.5 meter)..

Test the EUT in the lowest channel ,the middle channel ,the Highest channel

The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

Repeat above procedures until all frequencies measured was complete.

**Limits:**

1. For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

Note: the following formula is used to convert the EIRP to field strength

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

d = distance at which field strength limit is specified in the rules;

§2、 $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$ , for d = 3 meters

2. Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table.

| Frequency         | Limit ( $\mu\text{V}/\text{m}$ )        | Limit ( $\text{dB}\mu\text{V}/\text{m}$ @3m) | Remark           |
|-------------------|-----------------------------------------|----------------------------------------------|------------------|
| 0.009MHz-0.490MHz | $2400/\text{F}(\text{kHz})@300\text{m}$ | $20\lg(24000000/\text{F}(\text{kHz}))$       | Quasi-peak Level |
| 0.490MHz~1.705MHz | $24000/\text{F}(\text{kHz})@30\text{m}$ | $20\lg(2400000/\text{F}(\text{kHz}))$        | Quasi-peak Level |
| 1.705MHz~30.0MHz  | 30@30m                                  | 69.54                                        | Quasi-peak Level |
| 30MHz-88MHz       | 100@3m                                  | 40.0                                         | Quasi-peak Level |
| 88MHz-216MHz      | 150@3m                                  | 43.5                                         | Quasi-peak Level |
| 216MHz-960MHz     | 200@3m                                  | 46.0                                         | Quasi-peak Level |
| 960MHz-1GHz       | 500@3m                                  | 54.0                                         | Quasi-peak Level |
| Above 1GHz        | 500@3m                                  | 54.0                                         | Average Level    |
|                   | 5000@3m                                 | 74.0                                         | Peak Level       |

Spurious Radiated Emissions are permitted in any of the frequency bands listed below:

| MHz             | MHz               | MHz           | GHz        |
|-----------------|-------------------|---------------|------------|
| 0.090-0.110     | 16.42-16.423      | 399.9-410     | 4.5-5.15   |
| 0.495-0.505     | 16.69475-16.69525 | 608-614       | 5.35-5.46  |
| 2.1735-2.1905   | 16.80425-16.80475 | 960-1240      | 7.25-7.75  |
| 4.125-4.128     | 25.5-25.67        | 1300-1427     | 8.025-8.5  |
| 4.17725-4.17775 | 37.5-38.25        | 1435-1626.5   | 9.0-9.2    |
| 4.20725-4.20775 | 73-74.6           | 1645.5-1646.5 | 9.3-9.5    |
| 6.215-6.218     | 74.8-75.2         | 1660-1710     | 10.6-12.7  |
| 6.26775-6.26825 | 108-121.94        | 1718.8-1722.2 | 13.25-13.4 |
| 6.31175-6.31225 | 123-138           | 2200-2300     | 14.47-14.5 |
| 8.291-8.294     | 149.9-150.05      | 2310-2390     | 15.35-16.2 |

|                   |                     |             |             |
|-------------------|---------------------|-------------|-------------|
| 8.362-8.366       | 156.52475-156.52525 | 2483.5-2500 | 17.7-21.4   |
| 8.37625-8.38675   | 156.7-156.9         | 2690-2900   | 22.01-23.12 |
| 8.41425-8.41475   | 162.0125-167.17     | 3260-3267   | 23.6-24.0   |
| 12.29-12.293      | 167.72-173.2        | 3332-3339   | 31.2-31.8   |
| 12.51975-12.52025 | 240-285             | 3345.8-3358 | 36.43-36.   |
| 12.57675-12.57725 | 322-335.4           | 3600-4400   | /           |
| 13.36-13.41       | /                   | /           | /           |

## Measurement Data

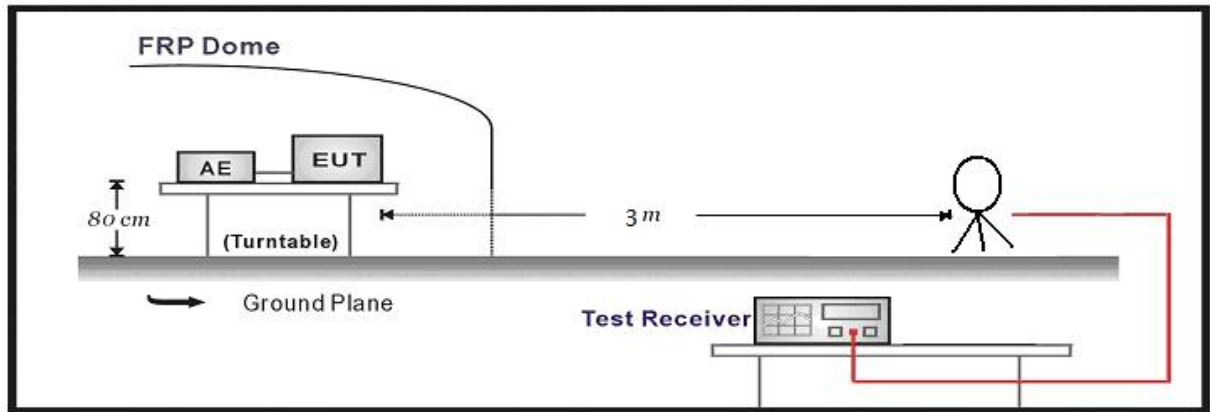
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

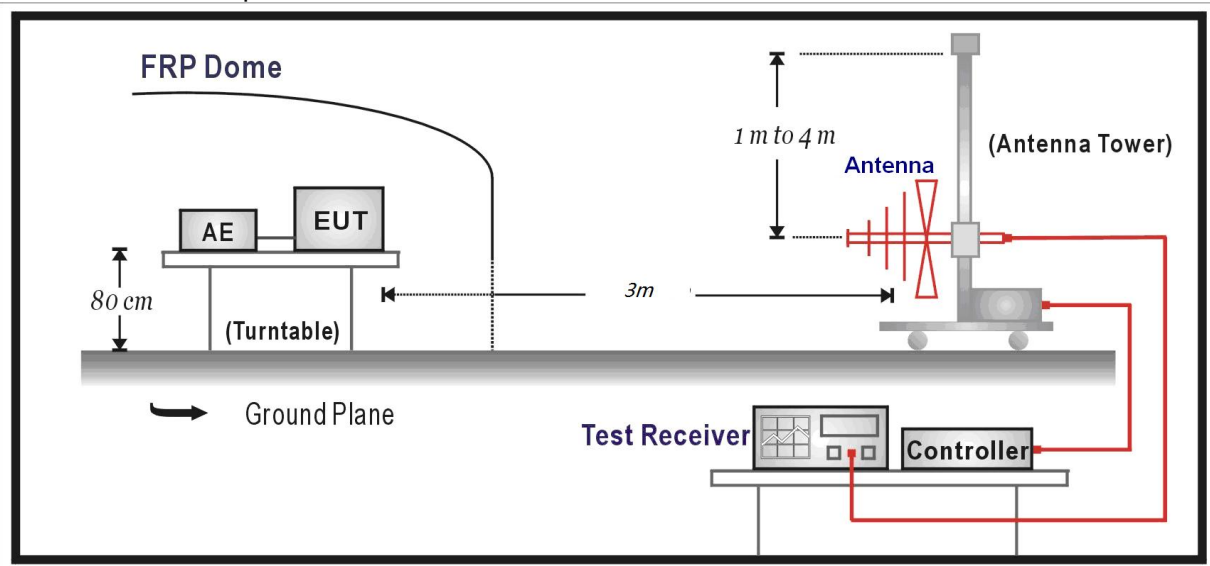
Correct Factor = Preamplifier Factor – Antenna Factor – Cable Factor

## Test Setup:

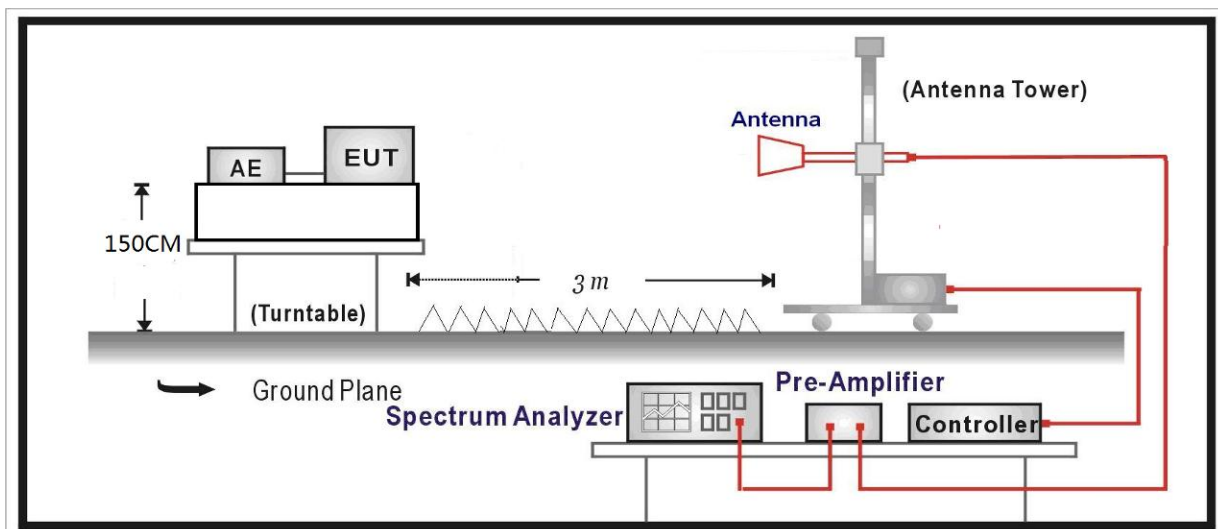
### Below 30MHz Test Setup:



### Below 1GHz Test Setup:



### Above 1GHz Test Setup:



## Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ .

| Frequency    | Uncertainty |
|--------------|-------------|
| 9KHz-30MHz   | 3.55 dB     |
| 30MHz-200MHz | 4.19 dB     |
| 200MHz-1GHz  | 3.63 dB     |
| 1GHz-26.5G   | 3.68 dB     |
| 26.5G-40GHz  | 4.76dB      |

## 5.2.1 SPURIOUS EMISSIONS:

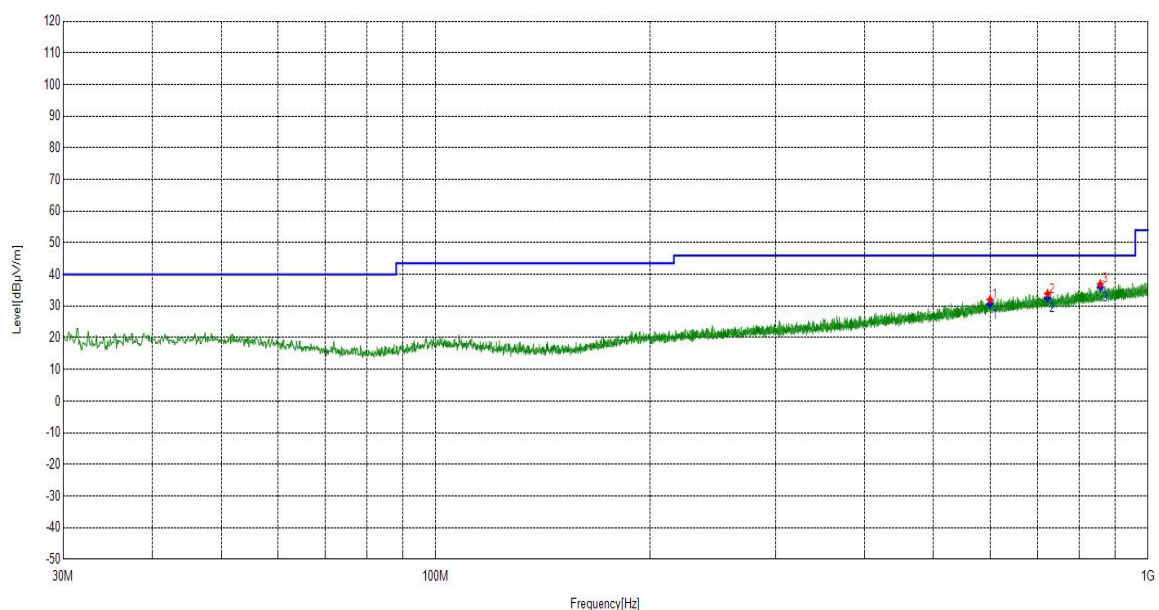
### 5.2.1.1 Below 1GHz:

During the test, the Radiates Emission from 9kHz to 1GHz was carried out in all frequency band, all channels and all antennas.UNII-5, IEEE 802.11ax20, Channel 1, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

|                   |             |                  |                |                |             |           |             |           |            |
|-------------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Radiates Emission |             | 9k~1G            |                |                |             |           |             |           |            |
| Test channel      |             | Worst-Case       |                |                |             |           |             |           |            |
| Polarity          |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List    |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz]   | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 600.029           | 22.12       | 9.92             | 32.04          | 46.00          | 13.96       | PK        | 100         | 74        | PASS       |
| 722.6493          | 23.52       | 10.41            | 33.93          | 46.00          | 12.07       | PK        | 100         | 286       | PASS       |
| 857.2017          | 25.30       | 11.67            | 36.97          | 46.00          | 9.03        | PK        | 100         | 22        | PASS       |

Note: 9kHz~30MHz have been test and test data more than 20dB margin.

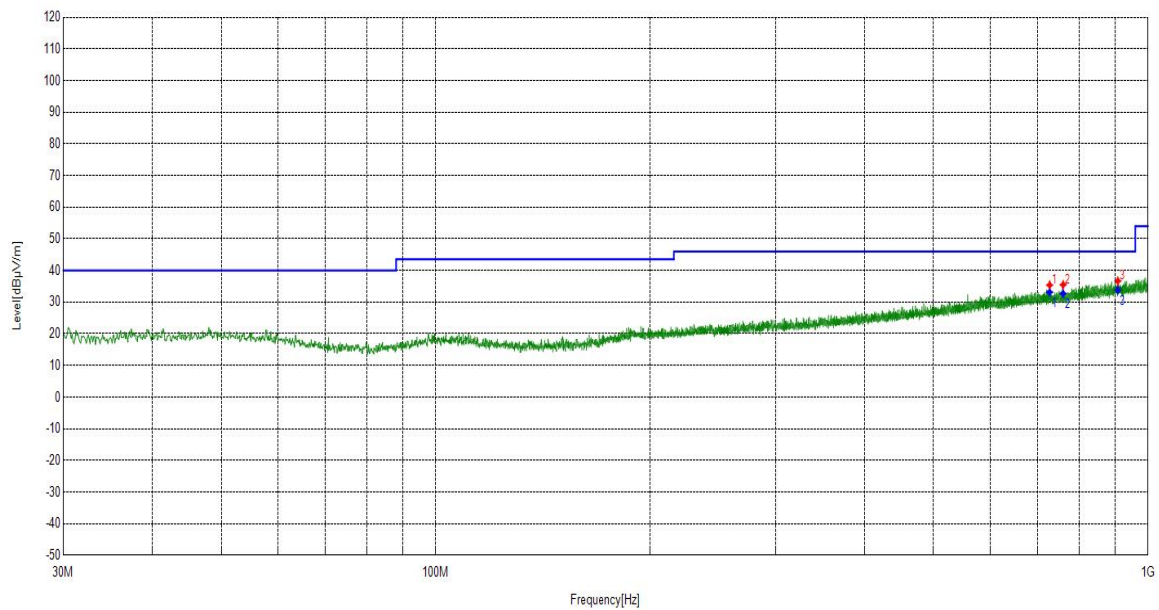
| Final Data List |             |                         |                         |                |             |           |           |
|-----------------|-------------|-------------------------|-------------------------|----------------|-------------|-----------|-----------|
| Frequency [MHz] | Factor [dB] | QP Value [dB $\mu$ V/m] | QP Limit [dB $\mu$ V/m] | QP Margin [dB] | Height [cm] | Angle [°] | Pass/Fail |
| 600.029         | 22.12       | 30.90                   | 46.00                   | 15.10          | 220         | 74        | PASS      |
| 722.6493        | 23.52       | 32.70                   | 46.00                   | 13.30          | 200         | 286       | PASS      |
| 857.2017        | 25.30       | 35.92                   | 46.00                   | 10.08          | 170         | 22        | PASS      |



|                    |                |                         |                       |                       |                |              |                |              |               |
|--------------------|----------------|-------------------------|-----------------------|-----------------------|----------------|--------------|----------------|--------------|---------------|
| Radiates Emission  |                | 9k~1G                   |                       |                       |                |              |                |              |               |
| Test channel       |                | Worst-Case              |                       |                       |                |              |                |              |               |
| Polarity           |                | Vertical                |                       |                       |                |              |                |              |               |
| Suspected List     |                |                         |                       |                       |                |              |                |              |               |
| Frequency<br>[MHz] | Factor<br>[dB] | Reading<br>[dBμV/<br>m] | Level<br>[dBμV/<br>m] | Limit<br>[dBμV/<br>m] | Margin<br>[dB] | Detect<br>or | Height<br>[cm] | Angle<br>deg | Pass/<br>Fail |
| 727.6938           | 23.59          | 11.78                   | 35.37                 | 46.00                 | 10.63          | PK           | 100            | 77           | PASS          |
| 760.095            | 24.04          | 11.43                   | 35.47                 | 46.00                 | 10.53          | PK           | 100            | 266          | PASS          |
| 907.0647           | 25.91          | 10.74                   | 36.65                 | 46.00                 | 9.35           | PK           | 100            | 266          | PASS          |

Note: 9kHz~30MHz have been test and test data more than 20dB margin.

| Final Data List |             |                         |                         |                |             |           |           |
|-----------------|-------------|-------------------------|-------------------------|----------------|-------------|-----------|-----------|
| Frequency [MHz] | Factor [dB] | QP Value [dB $\mu$ V/m] | QP Limit [dB $\mu$ V/m] | QP Margin [dB] | Height [cm] | Angle [°] | Pass/Fail |
| 727.6938        | 23.59       | 34.35                   | 46.00                   | 11.65          | 270         | 77        | PASS      |
| 760.095         | 24.04       | 34.53                   | 46.00                   | 11.47          | 160         | 266       | PASS      |
| 907.0647        | 25.91       | 35.56                   | 46.00                   | 10.44          | 140         | 266       | PASS      |



### 5.2.1.2 Above 1GHz:

During the test, the Radiates Emission from 1GHz to 40GHz was carried out in all frequency band, all channels and all antennas. IEEE 802.11ax20, lowest and highest channels, MIMO are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-5           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 5460.1460       | 3.68        | 33.84            | 37.52          | 74.00          | 36.48       | PK        | 150         | 315       | PASS       |
| 5925.6926       | 5.50        | 32.81            | 38.31          | 88.20          | 49.89       | PK        | 150         | 237       | PASS       |
| 5947.3947       | 5.57        | 78.55            | 84.12          | ---            | ---         | PK        | 150         | 204       | ---        |
| 5460.1460       | 3.68        | 23.67            | 27.35          | 54.00          | 26.65       | AV        | 150         | 243       | PASS       |
| 5925.6926       | 5.50        | 22.72            | 28.22          | 68.20          | 39.98       | AV        | 150         | 341       | PASS       |
| 5947.3947       | 5.57        | 68.93            | 74.50          | ---            | ---         | AV        | 150         | 204       | ---        |
| 9269.1269       | 11.36       | 33.04            | 44.40          | 74.00          | 29.60       | PK        | 150         | 190       | PASS       |
| 11054.3054      | 12.57       | 33.68            | 46.25          | 74.00          | 27.75       | PK        | 150         | 290       | PASS       |
| 14365.6366      | 17.75       | 32.51            | 50.26          | 74.00          | 23.74       | PK        | 150         | 140       | PASS       |
| 9443.1443       | 12.09       | 22.31            | 34.40          | 54.00          | 19.60       | AV        | 150         | 10        | PASS       |
| 11396.3396      | 12.01       | 24.14            | 36.15          | 54.00          | 17.85       | AV        | 150         | 10        | PASS       |
| 14050.6051      | 15.73       | 22.82            | 38.55          | 54.00          | 15.45       | AV        | 150         | 10        | PASS       |
| Test Band       |             | UNII-5           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 5460.1460       | 3.68        | 34.52            | 38.20          | 74.00          | 35.80       | PK        | 150         | 322       | PASS       |
| 5925.6926       | 5.50        | 32.41            | 37.91          | 88.20          | 50.29       | PK        | 150         | 202       | PASS       |
| 5947.3947       | 5.57        | 80.35            | 85.92          | ---            | ---         | PK        | 150         | 6         | ---        |
| 5460.1460       | 3.68        | 23.90            | 27.58          | 54.00          | 26.42       | AV        | 150         | 13        | PASS       |
| 5925.6926       | 5.50        | 22.31            | 27.81          | 68.20          | 40.39       | AV        | 150         | 308       | PASS       |
| 5958.5959       | 5.61        | 69.75            | 75.36          | ---            | ---         | AV        | 150         | 13        | ---        |
| 9867.1867       | 12.39       | 32.61            | 45.00          | 74.00          | 29.00       | PK        | 150         | 250       | PASS       |
| 12095.4095      | 11.75       | 33.61            | 45.36          | 74.00          | 28.64       | PK        | 150         | 10        | PASS       |
| 13789.5790      | 15.04       | 34.96            | 50.00          | 74.00          | 24.00       | PK        | 150         | 230       | PASS       |
| 10137.2137      | 12.52       | 22.47            | 34.99          | 54.00          | 19.01       | AV        | 150         | 10        | PASS       |
| 11738.3738      | 11.66       | 24.27            | 35.93          | 54.00          | 18.07       | AV        | 150         | 10        | PASS       |
| 13401.5402      | 14.37       | 23.34            | 37.71          | 54.00          | 16.29       | AV        | 150         | 10        | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-5           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6415.3391       | 7.61        | 76.15            | 83.76          | ---            | ---         | PK        | 150         | 335       | ---        |
| 8451.3002       | 9.90        | 33.28            | 43.18          | 74.00          | 30.82       | PK        | 150         | 310       | PASS       |
| 9245.3240       | 11.25       | 32.20            | 43.45          | 74.00          | 30.55       | PK        | 150         | 320       | PASS       |
| 11574.2516      | 11.90       | 33.59            | 45.49          | 74.00          | 28.51       | PK        | 150         | 290       | PASS       |
| 12830.1190      | 13.79       | 31.98            | 45.77          | 74.00          | 28.23       | PK        | 150         | 267       | PASS       |
| 6416.1109       | 7.61        | 68.38            | 75.99          | ---            | ---         | AV        | 150         | 335       | ---        |
| 8040.8140       | 9.30        | 22.95            | 32.24          | 54.00          | 21.76       | AV        | 150         | 235       | PASS       |
| 10069.3060      | 12.44       | 21.56            | 34.00          | 54.00          | 20.00       | AV        | 150         | 221       | PASS       |
| 11377.3375      | 12.07       | 22.99            | 35.06          | 54.00          | 18.94       | AV        | 150         | 153       | PASS       |
| 12831.5519      | 13.79       | 21.98            | 35.77          | 54.00          | 18.23       | AV        | 150         | 267       | PASS       |
| Test Band       |             | UNII-5           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6415.3390       | 7.61        | 70.15            | 77.76          | ---            | ---         | PK        | 150         | 335       | ---        |
| 8611.6610       | 10.11       | 33.65            | 43.76          | 74.00          | 30.24       | PK        | 150         | 225       | PASS       |
| 9246.4200       | 11.26       | 32.56            | 43.82          | 74.00          | 30.18       | PK        | 150         | 282       | PASS       |
| 11488.4490      | 11.93       | 33.50            | 45.43          | 74.00          | 28.57       | PK        | 150         | 327       | PASS       |
| 12830.9019      | 13.79       | 31.98            | 45.77          | 74.00          | 28.23       | PK        | 150         | 267       | PASS       |
| 6416.1910       | 7.61        | 63.38            | 70.99          | ---            | ---         | AV        | 150         | 335       | ---        |
| 8507.1557       | 10.00       | 22.90            | 32.90          | 54.00          | 21.10       | AV        | 150         | 34        | PASS       |
| 9573.1570       | 12.37       | 20.35            | 32.72          | 54.00          | 21.28       | AV        | 150         | 143       | PASS       |
| 11209.0219      | 12.57       | 21.79            | 34.36          | 54.00          | 19.64       | AV        | 150         | 332       | PASS       |
| 12831.5500      | 13.79       | 21.98            | 35.77          | 54.00          | 18.23       | AV        | 150         | 267       | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-6           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6433.7918       | 7.93        | 77.10            | 85.03          | ---            | ---         | PK        | 150         | 330       | ---        |
| 7598.4598       | 9.09        | 33.96            | 43.05          | 74.00          | 30.95       | PK        | 150         | 40        | PASS       |
| 9116.6117       | 10.80       | 32.61            | 43.41          | 74.00          | 30.59       | PK        | 150         | 10        | PASS       |
| 11212.3212      | 12.56       | 33.21            | 45.77          | 74.00          | 28.23       | PK        | 150         | 210       | PASS       |
| 12871.8810      | 13.99       | 31.98            | 45.97          | 74.00          | 28.03       | PK        | 150         | 267       | PASS       |
| 6434.2718       | 7.93        | 68.15            | 76.08          | ---            | ---         | AV        | 150         | 330       | ---        |
| 8003.3003       | 9.25        | 23.61            | 32.86          | 54.00          | 21.14       | AV        | 150         | 120       | PASS       |
| 9586.3586       | 12.37       | 20.92            | 33.29          | 54.00          | 20.71       | AV        | 150         | 220       | PASS       |
| 11282.7283      | 12.35       | 23.32            | 35.67          | 54.00          | 18.33       | AV        | 150         | 210       | PASS       |
| 12871.1076      | 13.99       | 21.98            | 35.97          | 74.00          | 38.03       | AV        | 150         | 267       | PASS       |
| Test Band       |             | UNII-6           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6433.7918       | 7.93        | 74.10            | 82.03          | ---            | ---         | PK        | 150         | 330       | ---        |
| 9984.5985       | 12.36       | 32.44            | 44.80          | 74.00          | 29.20       | PK        | 150         | 130       | PASS       |
| 12598.4598      | 13.07       | 32.69            | 45.76          | 74.00          | 28.24       | PK        | 150         | 100       | PASS       |
| 12871.8810      | 13.99       | 31.97            | 45.98          | 74.00          | 28.04       | PK        | 150         | 262       | PASS       |
| 14490.6491      | 18.34       | 32.65            | 50.99          | 74.00          | 23.01       | PK        | 150         | 50        | PASS       |
| 6434.2718       | 7.93        | 65.15            | 73.08          | ---            | ---         | AV        | 150         | 330       | ---        |
| 9531.3531       | 12.35       | 21.16            | 33.51          | 54.00          | 20.49       | AV        | 150         | 130       | PASS       |
| 11834.9835      | 11.55       | 22.86            | 34.41          | 54.00          | 19.59       | AV        | 150         | 150       | PASS       |
| 12871.1076      | 13.99       | 21.38            | 35.37          | 74.00          | 38.63       | AV        | 150         | 262       | PASS       |
| 14380.6381      | 17.84       | 22.39            | 40.23          | 54.00          | 13.77       | AV        | 150         | 210       | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-6           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6514.2910       | 8.02        | 78.23            | 86.25          | ---            | ---         | PK        | 150         | 38        | ---        |
| 7598.4500       | 9.09        | 33.97            | 43.06          | 74.00          | 30.94       | PK        | 150         | 40        | PASS       |
| 9116.6215       | 10.80       | 32.60            | 43.40          | 74.00          | 30.60       | PK        | 150         | 10        | PASS       |
| 11212.3210      | 12.56       | 33.25            | 45.81          | 74.00          | 28.19       | PK        | 150         | 210       | PASS       |
| 13031.1192      | 14.81       | 33.19            | 48.00          | 74.00          | 26.00       | PK        | 150         | 190       | PASS       |
| 6514.2916       | 8.02        | 70.23            | 84.25          | ---            | ---         | AV        | 150         | 38        | ---        |
| 8003.3030       | 9.25        | 23.60            | 32.85          | 54.00          | 21.15       | AV        | 150         | 120       | PASS       |
| 9586.3586       | 12.37       | 20.90            | 33.27          | 54.00          | 20.73       | AV        | 150         | 220       | PASS       |
| 11282.7822      | 12.35       | 23.35            | 35.70          | 54.00          | 18.30       | AV        | 150         | 210       | PASS       |
| 13032.7810      | 14.83       | 24.19            | 39.02          | 54.00          | 14.98       | AV        | 150         | 190       | PASS       |
| Test Band       |             | UNII-6           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6514.2110       | 8.02        | 78.20            | 86.22          | ---            | ---         | PK        | 150         | 38        | ---        |
| 9984.5980       | 12.36       | 32.44            | 44.80          | 74.00          | 29.20       | PK        | 150         | 130       | PASS       |
| 12598.4987      | 13.07       | 32.66            | 45.73          | 74.00          | 28.27       | PK        | 150         | 100       | PASS       |
| 13031.9992      | 14.81       | 33.11            | 47.92          | 74.00          | 26.08       | PK        | 150         | 190       | PASS       |
| 14490.6910      | 18.34       | 32.60            | 50.94          | 74.00          | 23.06       | PK        | 150         | 50        | PASS       |
| 6514.2916       | 8.02        | 71.23            | 85.25          | ---            | ---         | AV        | 150         | 38        | ---        |
| 9531.3511       | 12.35       | 21.17            | 33.52          | 54.00          | 20.48       | AV        | 150         | 130       | PASS       |
| 11834.9835      | 11.55       | 22.86            | 34.41          | 54.00          | 19.59       | AV        | 150         | 150       | PASS       |
| 13032.7810      | 14.83       | 24.19            | 39.02          | 54.00          | 14.98       | AV        | 150         | 190       | PASS       |
| 14380.6312      | 17.84       | 22.40            | 40.24          | 54.00          | 13.76       | AV        | 150         | 210       | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-7           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6535.2291       | 8.92        | 78.10            | 87.02          | ---            | ---         | PK        | 150         | 40        | ---        |
| 8705.1705       | 10.12       | 32.39            | 42.51          | 74.00          | 31.49       | PK        | 150         | 130       | PASS       |
| 9667.7668       | 12.40       | 31.97            | 44.37          | 74.00          | 29.63       | PK        | 150         | 180       | PASS       |
| 11820.6821      | 11.56       | 32.91            | 44.47          | 74.00          | 29.53       | PK        | 150         | 150       | PASS       |
| 13071.9910      | 14.91       | 33.19            | 48.10          | 74.00          | 25.90       | PK        | 150         | 190       | PASS       |
| 6535.2291       | 8.92        | 68.10            | 77.02          | ---            | ---         | AV        | 150         | 40        | ---        |
| 7632.5633       | 9.11        | 23.30            | 32.41          | 54.00          | 21.59       | AV        | 150         | 210       | PASS       |
| 10113.3113      | 12.50       | 21.03            | 33.53          | 54.00          | 20.47       | AV        | 150         | 80        | PASS       |
| 11246.4246      | 12.46       | 22.65            | 35.11          | 54.00          | 18.89       | AV        | 150         | 320       | PASS       |
| 13071.9910      | 14.91       | 23.19            | 38.10          | 74.00          | 25.90       | AV        | 150         | 190       | PASS       |
| Test Band       |             | UNII-7           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6535.2290       | 8.92        | 77.10            | 86.02          | ---            | ---         | PK        | 150         | 40        | ---        |
| 8475.2475       | 9.96        | 33.90            | 43.86          | 74.00          | 30.14       | PK        | 150         | 120       | PASS       |
| 10038.5039      | 12.40       | 31.16            | 43.56          | 74.00          | 30.44       | PK        | 150         | 110       | PASS       |
| 12543.4543      | 12.92       | 32.00            | 44.92          | 74.00          | 29.08       | PK        | 150         | 230       | PASS       |
| 13071.9110      | 14.91       | 33.20            | 48.11          | 74.00          | 25.89       | PK        | 150         | 190       | PASS       |
| 6535.2291       | 8.92        | 68.10            | 77.02          | ---            | ---         | AV        | 150         | 40        | ---        |
| 8386.1386       | 9.82        | 23.25            | 33.07          | 54.00          | 20.93       | AV        | 150         | 120       | PASS       |
| 10422.4422      | 12.88       | 21.04            | 33.92          | 54.00          | 20.08       | AV        | 150         | 110       | PASS       |
| 12576.4576      | 13.00       | 22.25            | 35.25          | 54.00          | 18.75       | AV        | 150         | 10        | PASS       |
| 13071.9910      | 14.91       | 23.17            | 38.08          | 74.00          | 35.92       | AV        | 150         | 190       | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-7           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6855.1901       | 9.01        | 71.80            | 80.81          | ---            | ---         | PK        | 150         | 129       | ---        |
| 8705.1700       | 10.12       | 32.39            | 42.51          | 74.00          | 31.49       | PK        | 150         | 130       | PASS       |
| 9667.7685       | 12.40       | 31.98            | 44.38          | 74.00          | 29.62       | PK        | 150         | 180       | PASS       |
| 11820.6210      | 11.56       | 32.90            | 44.46          | 74.00          | 29.54       | PK        | 150         | 150       | PASS       |
| 13711.2718      | 15.19       | 32.78            | 47.97          | 74.00          | 26.03       | PK        | 150         | 130       | PASS       |
| 6856.1915       | 9.01        | 61.81            | 70.82          | ---            | ---         | AV        | 150         | 129       | ---        |
| 7632.5333       | 9.11        | 23.31            | 32.42          | 54.00          | 21.58       | AV        | 150         | 210       | PASS       |
| 10110.3130      | 12.43       | 21.05            | 33.48          | 54.00          | 20.52       | AV        | 150         | 80        | PASS       |
| 11246.4466      | 12.46       | 22.64            | 35.10          | 54.00          | 18.90       | AV        | 150         | 320       | PASS       |
| 13711.2118      | 15.19       | 32.77            | 47.96          | 74.00          | 26.04       | AV        | 150         | 130       | PASS       |
| Test Band       |             | UNII-7           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6855.1900       | 9.01        | 71.85            | 80.86          | ---            | ---         | PK        | 150         | 129       | ---        |
| 8475.2750       | 9.96        | 33.90            | 43.86          | 74.00          | 30.14       | PK        | 150         | 120       | PASS       |
| 10038.5033      | 12.40       | 31.15            | 43.55          | 74.00          | 30.45       | PK        | 150         | 110       | PASS       |
| 12543.4343      | 12.92       | 32.02            | 44.94          | 74.00          | 29.06       | PK        | 150         | 230       | PASS       |
| 13711.2715      | 15.20       | 32.78            | 47.98          | 74.00          | 26.02       | PK        | 150         | 130       | PASS       |
| 6856.1910       | 9.01        | 61.80            | 70.81          | ---            | ---         | AV        | 150         | 129       | ---        |
| 8386.1380       | 9.82        | 23.25            | 33.07          | 54.00          | 20.93       | AV        | 150         | 120       | PASS       |
| 10422.4421      | 12.88       | 21.05            | 33.93          | 54.00          | 20.07       | AV        | 150         | 110       | PASS       |
| 12576.4776      | 13.00       | 22.20            | 35.20          | 54.00          | 18.80       | AV        | 150         | 10        | PASS       |
| 13711.2118      | 15.19       | 32.77            | 47.96          | 74.00          | 26.04       | AV        | 150         | 130       | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-8           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6875.1098       | 9.01        | 71.82            | 80.83          | ---            | ---         | PK        | 150         | 129       | ---        |
| 8705.1711       | 10.12       | 32.39            | 42.51          | 74.00          | 31.49       | PK        | 150         | 130       | PASS       |
| 9667.7667       | 12.40       | 31.97            | 44.37          | 74.00          | 29.63       | PK        | 150         | 180       | PASS       |
| 11820.6820      | 11.56       | 32.91            | 44.47          | 74.00          | 29.53       | PK        | 150         | 150       | PASS       |
| 13751.2981      | 15.99       | 32.75            | 48.74          | 74.00          | 25.26       | PK        | 150         | 130       | PASS       |
| 6875.1098       | 9.01        | 62.82            | 71.83          | ---            | ---         | AV        | 150         | 129       | ---        |
| 7632.5644       | 9.11        | 23.30            | 32.41          | 54.00          | 21.59       | AV        | 150         | 210       | PASS       |
| 10113.3122      | 12.50       | 21.03            | 33.53          | 54.00          | 20.47       | AV        | 150         | 80        | PASS       |
| 11246.4246      | 12.46       | 22.65            | 35.11          | 54.00          | 18.89       | AV        | 150         | 320       | PASS       |
| 13751.2118      | 15.14       | 22.72            | 37.86          | 74.00          | 36.14       | AV        | 150         | 130       | PASS       |
| Test Band       |             | UNII-8           |                |                |             |           |             |           |            |
| Test channel    |             | Lowest           |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 6875.1098       | 9.01        | 71.82            | 80.83          | ---            | ---         | PK        | 150         | 129       | ---        |
| 8475.2478       | 9.96        | 33.90            | 43.86          | 74.00          | 30.14       | PK        | 150         | 120       | PASS       |
| 10038.5038      | 12.40       | 31.16            | 43.56          | 74.00          | 30.44       | PK        | 150         | 110       | PASS       |
| 12543.4547      | 12.92       | 32.00            | 44.92          | 74.00          | 29.08       | PK        | 150         | 230       | PASS       |
| 13751.2981      | 15.99       | 32.75            | 48.74          | 74.00          | 25.26       | PK        | 150         | 130       | PASS       |
| 6875.1098       | 9.01        | 62.82            | 71.83          | ---            | ---         | AV        | 150         | 129       | ---        |
| 8386.1386       | 9.82        | 23.25            | 33.07          | 54.00          | 20.93       | AV        | 150         | 120       | PASS       |
| 10422.4461      | 12.88       | 21.04            | 33.92          | 54.00          | 20.08       | AV        | 150         | 110       | PASS       |
| 12576.4766      | 13.00       | 22.25            | 35.25          | 54.00          | 18.75       | AV        | 150         | 10        | PASS       |
| 13751.2120      | 15.14       | 22.70            | 37.84          | 74.00          | 36.16       | AV        | 150         | 130       | PASS       |

|                 |             |                  |                |                |             |           |             |           |            |
|-----------------|-------------|------------------|----------------|----------------|-------------|-----------|-------------|-----------|------------|
| Test Band       |             | UNII-8           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Horizontal       |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 7108.1108       | 8.85        | 76.19            | 85.04          | ---            | ---         | PK        | 150         | 260       | ---        |
| 7125.6126       | 8.87        | 59.75            | 68.62          | 88.20          | 19.58       | PK        | 150         | 247       | PASS       |
| 7250.2250       | 9.01        | 31.88            | 40.89          | 74.00          | 33.11       | PK        | 150         | 57        | PASS       |
| 7112.3112       | 8.86        | 61.54            | 70.40          | ---            | ---         | AV        | 150         | 274       | ---        |
| 7125.6126       | 8.87        | 50.59            | 59.46          | 68.20          | 8.74        | AV        | 150         | 274       | PASS       |
| 7250.2250       | 9.01        | 21.56            | 30.57          | 54.00          | 23.43       | AV        | 150         | 38        | PASS       |
| 8705.1711       | 10.12       | 32.39            | 42.51          | 74.00          | 31.49       | PK        | 150         | 130       | PASS       |
| 9667.7667       | 12.40       | 31.97            | 44.37          | 74.00          | 29.63       | PK        | 150         | 180       | PASS       |
| 11820.6820      | 11.56       | 32.91            | 44.47          | 74.00          | 29.53       | PK        | 150         | 150       | PASS       |
| 7632.5644       | 9.11        | 23.30            | 32.41          | 54.00          | 21.59       | AV        | 150         | 210       | PASS       |
| 10113.3122      | 12.50       | 21.03            | 33.53          | 54.00          | 20.47       | AV        | 150         | 80        | PASS       |
| 11246.4246      | 12.46       | 22.65            | 35.11          | 54.00          | 18.89       | AV        | 150         | 320       | PASS       |
| Test Band       |             | UNII-8           |                |                |             |           |             |           |            |
| Test channel    |             | Highest          |                |                |             |           |             |           |            |
| polarization    |             | Vertical         |                |                |             |           |             |           |            |
| Suspected List  |             |                  |                |                |             |           |             |           |            |
| Frequency [MHz] | Factor [dB] | Reading [dBμV/m] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Detect or | Height [cm] | Angle deg | Pass/ Fail |
| 7122.1122       | 8.86        | 78.25            | 87.11          | ---            | ---         | PK        | 150         | 277       | ---        |
| 7125.6126       | 8.87        | 67.61            | 76.48          | 88.20          | 11.72       | PK        | 150         | 264       | PASS       |
| 7250.2250       | 9.01        | 31.57            | 40.58          | 74.00          | 33.42       | PK        | 150         | 63        | PASS       |
| 7119.3119       | 8.86        | 63.92            | 72.78          | ---            | ---         | AV        | 150         | 231       | ---        |
| 7125.6126       | 8.87        | 54.65            | 63.52          | 68.20          | 4.68        | AV        | 150         | 244       | PASS       |
| 7250.2250       | 9.01        | 21.71            | 30.72          | 54.00          | 23.28       | AV        | 150         | 335       | PASS       |
| 8475.2478       | 9.96        | 33.90            | 43.86          | 74.00          | 30.14       | PK        | 150         | 120       | PASS       |
| 10038.5038      | 12.40       | 31.16            | 43.56          | 74.00          | 30.44       | PK        | 150         | 110       | PASS       |
| 12543.4547      | 12.92       | 32.00            | 44.92          | 74.00          | 29.08       | PK        | 150         | 230       | PASS       |
| 8386.1386       | 9.82        | 23.25            | 33.07          | 54.00          | 20.93       | AV        | 150         | 120       | PASS       |
| 10422.4461      | 12.88       | 21.04            | 33.92          | 54.00          | 20.08       | AV        | 150         | 110       | PASS       |
| 12576.4766      | 13.00       | 22.25            | 35.25          | 54.00          | 18.75       | AV        | 150         | 10        | PASS       |

Note: The emission levels of other frequencies were greater than 20dB margin.

## 5.3 Maximum conducted output power

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

#### 1. Method PM :

Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:

- 1) The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
  - 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
  - 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
- b) If the transmitter does not transmit continuously, measure the duty cycle D of the transmitter output signal as described in 12.2.
- c) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- d) Correct the measurement in dBm by adding  $[10 \log (1 / D)]$ , where D is the duty cycle {e.g.,  $[10 \log (1 / 0.25)]$ , if the duty cycle is 25%}.

#### 2. Method PM-G:

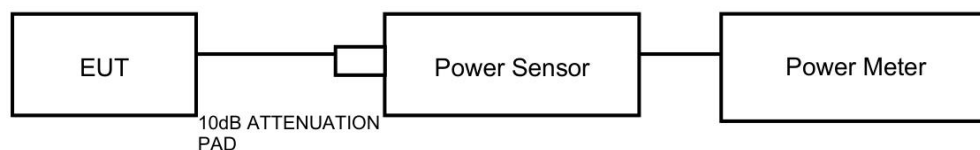
Method PM-G is measurement using a gated RF average power meter.

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

## Limits:

| classification                                                                                   | Limit                                                                                                                                                                                                                             | Frequency Range                     |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> Standard Power Access Point and Fixed Client Device                     | The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm). | 5.925-6.425 GHz and 6.525-6.875 GHz |
| <input type="checkbox"/> Indoor Access Point                                                     | The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                 | 5.925-7.125 GHz                     |
| <input type="checkbox"/> Subordinate Device                                                      | The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.                                                                                                                                                 | 5.925-7.125 GHz                     |
| <input type="checkbox"/> client devices (except for fixed client devices)                        | The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.           | 5.925-6.425 GHz and 6.525-6.875 GHz |
| <input checked="" type="checkbox"/> client devices (under the control of an indoor access point) | The maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.                                                                                                                                                 | 5.925-7.125 GHz                     |
| <input type="checkbox"/> very low power devices                                                  | The maximum e.i.r.p. must not exceed 14 dBm.                                                                                                                                                                                      | 5.925-7.125 GHz                     |

## Test Setup:



## Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.44$  dB.

## Test Results:

| TestMode   | Antenna | Channel | Result [dBm] | Gain [dBi] | EIRP [dBm] | Total EIRP [dBm] | EIRP Limit [dBm] | Verdict |
|------------|---------|---------|--------------|------------|------------|------------------|------------------|---------|
| 11AX20MIMO | Ant1    | 5955    | 5.52         | 2.47       | 7.99       | 10.22            | ≤24              | PASS    |
|            | Ant2    | 5955    | 6.08         | 0.19       | 6.27       |                  |                  | PASS    |
|            | Ant1    | 6175    | 4.22         | 2.47       | 6.69       | 9.60             | ≤24              | PASS    |
|            | Ant2    | 6175    | 6.29         | 0.19       | 6.48       |                  |                  | PASS    |
|            | Ant1    | 6415    | 4.39         | 2.47       | 6.86       | 10.21            | ≤24              | PASS    |
|            | Ant2    | 6415    | 7.32         | 0.19       | 7.51       |                  |                  | PASS    |
|            | Ant1    | 6435    | 4.28         | 2.47       | 6.75       | 10.17            | ≤24              | PASS    |
|            | Ant2    | 6435    | 7.35         | 0.19       | 7.54       |                  |                  | PASS    |
|            | Ant1    | 6475    | 4.69         | 2.47       | 7.16       | 10.06            | ≤24              | PASS    |
|            | Ant2    | 6475    | 6.74         | 0.19       | 6.93       |                  |                  | PASS    |
|            | Ant1    | 6515    | 5.00         | 2.47       | 7.47       | 10.14            | ≤24              | PASS    |
|            | Ant2    | 6515    | 6.57         | 0.19       | 6.76       |                  |                  | PASS    |
|            | Ant1    | 6535    | 5.29         | 2.47       | 7.76       | 10.24            | ≤24              | PASS    |
|            | Ant2    | 6535    | 6.44         | 0.19       | 6.63       |                  |                  | PASS    |
|            | Ant1    | 6695    | 5.69         | 2.47       | 8.16       | 9.88             | ≤24              | PASS    |
|            | Ant2    | 6695    | 4.85         | 0.19       | 5.04       |                  |                  | PASS    |
|            | Ant1    | 6855    | 4.79         | 2.47       | 7.26       | 9.35             | ≤24              | PASS    |
|            | Ant2    | 6855    | 4.97         | 0.19       | 5.16       |                  |                  | PASS    |
|            | Ant1    | 6875    | 4.22         | 2.47       | 6.69       | 8.89             | ≤24              | PASS    |
|            | Ant2    | 6875    | 4.70         | 0.19       | 4.89       |                  |                  | PASS    |
| 11AX40MIMO | Ant1    | 6995    | 5.39         | 2.47       | 7.86       | 10.11            | ≤24              | PASS    |
|            | Ant2    | 6995    | 5.98         | 0.19       | 6.17       |                  |                  | PASS    |
|            | Ant1    | 7115    | 7.06         | 2.47       | 9.53       | 11.12            | ≤24              | PASS    |
|            | Ant2    | 7115    | 5.78         | 0.19       | 5.97       |                  |                  | PASS    |
|            | Ant1    | 5965    | 5.68         | 2.47       | 8.15       | 10.38            | ≤24              | PASS    |
|            | Ant2    | 5965    | 6.23         | 0.19       | 6.42       |                  |                  | PASS    |
|            | Ant1    | 6165    | 4.27         | 2.47       | 6.74       | 9.82             | ≤24              | PASS    |
|            | Ant2    | 6165    | 6.68         | 0.19       | 6.87       |                  |                  | PASS    |
|            | Ant1    | 6405    | 4.47         | 2.47       | 6.94       | 10.33            | ≤24              | PASS    |
|            | Ant2    | 6405    | 7.48         | 0.19       | 7.67       |                  |                  | PASS    |
|            | Ant1    | 6445    | 4.40         | 2.47       | 6.87       | 10.16            | ≤24              | PASS    |
|            | Ant2    | 6445    | 7.22         | 0.19       | 7.41       |                  |                  | PASS    |
|            | Ant1    | 6485    | 4.86         | 2.47       | 7.33       | 10.12            | ≤24              | PASS    |
|            | Ant2    | 6485    | 6.69         | 0.19       | 6.88       |                  |                  | PASS    |
|            | Ant1    | 6525    | 5.08         | 2.47       | 7.55       | 10.14            | ≤24              | PASS    |
|            | Ant2    | 6525    | 6.48         | 0.19       | 6.67       |                  |                  | PASS    |
|            | Ant1    | 6565    | 5.09         | 2.47       | 7.56       | 9.87             | ≤24              | PASS    |
|            | Ant2    | 6565    | 5.84         | 0.19       | 6.03       |                  |                  | PASS    |
|            | Ant1    | 6685    | 5.61         | 2.47       | 8.08       | 9.82             | ≤24              | PASS    |
|            | Ant2    | 6685    | 4.83         | 0.19       | 5.02       |                  |                  | PASS    |
| 11AX80MIMO | Ant1    | 6845    | 4.87         | 2.47       | 7.34       | 9.37             | ≤24              | PASS    |
|            | Ant2    | 6845    | 4.89         | 0.19       | 5.08       |                  |                  | PASS    |
|            | Ant1    | 6885    | 4.33         | 2.47       | 6.80       | 9.03             | ≤24              | PASS    |
|            | Ant2    | 6885    | 4.88         | 0.19       | 5.07       |                  |                  | PASS    |
|            | Ant1    | 6965    | 4.39         | 2.47       | 6.86       | 9.27             | ≤24              | PASS    |
|            | Ant2    | 6965    | 5.37         | 0.19       | 5.56       |                  |                  | PASS    |
|            | Ant1    | 7085    | 6.74         | 2.47       | 9.21       | 10.91            | ≤24              | PASS    |
|            | Ant2    | 7085    | 5.81         | 0.19       | 6.00       |                  |                  | PASS    |
|            | Ant1    | 5985    | 5.74         | 2.47       | 8.21       | 10.42            | ≤24              | PASS    |
|            | Ant2    | 5985    | 6.23         | 0.19       | 6.42       |                  |                  | PASS    |
|            | Ant1    | 6145    | 4.16         | 2.47       | 6.63       | 10.00            | ≤24              | PASS    |
|            | Ant2    | 6145    | 7.13         | 0.19       | 7.32       |                  |                  | PASS    |
| 11AX80MIMO | Ant1    | 6385    | 5.09         | 2.47       | 7.56       | 10.16            | ≤24              | PASS    |
|            | Ant2    | 6385    | 6.50         | 0.19       | 6.69       |                  |                  | PASS    |
|            | Ant1    | 6465    | 4.66         | 2.47       | 7.13       | 10.21            | ≤24              | PASS    |
|            | Ant2    | 6465    | 7.07         | 0.19       | 7.26       |                  |                  | PASS    |
|            | Ant1    | 6545    | 5.37         | 2.47       | 7.84       | 10.29            | ≤24              | PASS    |
|            | Ant2    | 6545    | 6.44         | 0.19       | 6.63       |                  |                  | PASS    |
|            | Ant1    | 6705    | 5.79         | 2.47       | 8.26       | 10.04            | ≤24              | PASS    |
|            | Ant2    | 6705    | 5.13         | 0.19       | 5.32       |                  |                  | PASS    |

|             |      |      |      |      |      |       |     |      |
|-------------|------|------|------|------|------|-------|-----|------|
|             | Ant1 | 6865 | 4.54 | 2.47 | 7.01 | 9.17  | ≤24 | PASS |
|             | Ant2 | 6865 | 4.92 | 0.19 | 5.11 |       |     | PASS |
|             | Ant1 | 6945 | 4.49 | 2.47 | 6.96 | 9.24  | ≤24 | PASS |
|             | Ant2 | 6945 | 5.17 | 0.19 | 5.36 |       |     | PASS |
|             | Ant1 | 7025 | 5.65 | 2.47 | 8.12 | 9.98  | ≤24 | PASS |
|             | Ant2 | 7025 | 5.20 | 0.19 | 5.39 |       |     | PASS |
| 11AX160MIMO | Ant1 | 6025 | 5.87 | 2.47 | 8.34 | 10.79 | ≤24 | PASS |
|             | Ant2 | 6025 | 6.95 | 0.19 | 7.14 |       |     | PASS |
|             | Ant1 | 6185 | 4.76 | 2.47 | 7.23 | 10.12 | ≤24 | PASS |
|             | Ant2 | 6185 | 6.79 | 0.19 | 6.98 |       |     | PASS |
|             | Ant1 | 6345 | 5.17 | 2.47 | 7.64 | 10.50 | ≤24 | PASS |
|             | Ant2 | 6345 | 7.14 | 0.19 | 7.33 |       |     | PASS |
|             | Ant1 | 6505 | 5.04 | 2.47 | 7.51 | 10.41 | ≤24 | PASS |
|             | Ant2 | 6505 | 7.10 | 0.19 | 7.29 |       |     | PASS |
|             | Ant1 | 6665 | 5.64 | 2.47 | 8.11 | 10.27 | ≤24 | PASS |
|             | Ant2 | 6665 | 6.02 | 0.19 | 6.21 |       |     | PASS |
|             | Ant1 | 6825 | 5.41 | 2.47 | 7.88 | 9.80  | ≤24 | PASS |
|             | Ant2 | 6825 | 5.13 | 0.19 | 5.32 |       |     | PASS |
|             | Ant1 | 6985 | 5.03 | 2.47 | 7.50 | 9.62  | ≤24 | PASS |
|             | Ant2 | 6985 | 5.29 | 0.19 | 5.48 |       |     | PASS |

## 5.4 Maximum Power Spectral Density

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

Notwithstanding that some regulatory requirements refer to peak power spectral density (PPSD), in some cases the intent is to measure the maximum value of the time average of the power spectral density during a period of continuous transmission. The procedure for this method is as follows:

a) Create an average power spectrum for the EUT operating mode being tested by following the instructions in 12.4.2 for measuring maximum conducted output power using a spectrum analyzer or EMI receiver; that is, select the appropriate test method (SA-1, SA-2, SA-3, or their respective alternatives) and apply it up to, but not including, the step labeled, “Compute power....” (This procedure is required even if the maximum conducted output power measurement was performed using the power meter method PM.)

b) Use the peak search function on the instrument to find the peak of the spectrum.

c) Make the following corrections to the peak value of the spectrum, if applicable:

1) If method SA-2 or SA-2A was used, then add  $[10 \log (1 / D)]$ , where D is the duty cycle, to the peak of the spectrum.

2) If method SA-3A was used and the linear mode was used in step h) of 12.4.2.7, add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.

d) The result is the PPSD.

e) The procedure in item a) through item c) requires the use of 1 MHz resolution bandwidth to satisfy the 1 MHz measurement bandwidth specified by some regulatory authorities.<sup>85</sup> This requirement also permits use of resolution bandwidths less than 1 MHz “provided that the measured power is integrated to show the total power over the measurement bandwidth” (i.e., 1 MHz). If measurements are performed using a reduced resolution bandwidth and integrated over 1 MHz bandwidth, the following adjustments to the procedures apply:

1) Set  $RBW \geq 1 / T$ , where T is defined in 12.2 a).

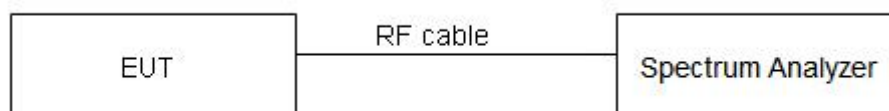
2) Set  $VBW \geq [3 \times RBW]$ .

3) Care shall be taken such that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

## Limits:

| classification                                                                                   | Limit                                                                                       | Frequency Range                     |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/> Standard Power Access Point and Fixed Client Device                     | The maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band.  | 5.925-6.425 GHz and 6.525-6.875 GHz |
| <input type="checkbox"/> Indoor Access Point                                                     | The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.  | 5.925-7.125 GHz                     |
| <input type="checkbox"/> Subordinate Device                                                      | The maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.   | 5.925-7.125 GHz                     |
| <input type="checkbox"/> client devices (except for fixed client devices)                        | The maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band. | 5.925-6.425 GHz and 6.525-6.875 GHz |
| <input checked="" type="checkbox"/> client devices (under the control of an indoor access point) | The maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band. | 5.925-7.125 GHz                     |
| <input type="checkbox"/> very low power devices                                                  | The maximum power spectral density must not exceed –5 dBm e.i.r.p in any 1-megahertz band.  | 5.925-7.125 GHz                     |

## Test Setup:



## Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.75\text{dB}$ .

## Test Results:

| Test Mode  | Antenna | Channel | RU Configure  | Result [dBm/MHz] | Gain [dBi] | EIRP [dBm/MHz] | Total EIRP [dBm/MHz] | Limit [dBm/MHz] | Verdict |
|------------|---------|---------|---------------|------------------|------------|----------------|----------------------|-----------------|---------|
| 11AX20MIMO | Ant1    | 5955    | Full          | -7.13            | 2.47       | -4.66          | -2.26                | ≤-1             | PASS    |
|            | Ant2    | 5955    | Full          | -6.17            | 0.19       | -5.98          |                      |                 | PASS    |
|            | Ant1    | 5955    | 26 Tone RU0   | -7.70            | 2.47       | -5.23          | -3.08                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 26 Tone RU0   | -7.36            | 0.19       | -7.17          |                      |                 | PASS    |
|            | Ant1    | 5955    | 26 Tone RU8   | -7.82            | 2.47       | -5.35          | -3.15                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 26 Tone RU8   | -7.35            | 0.19       | -7.16          |                      |                 | PASS    |
|            | Ant1    | 5955    | 52 Tone RU37  | -10.68           | 2.47       | -8.21          | -6.06                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 52 Tone RU37  | -10.34           | 0.19       | -10.15         |                      |                 | PASS    |
|            | Ant1    | 5955    | 52 Tone RU40  | -10.74           | 2.47       | -8.27          | -6.09                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 52 Tone RU40  | -10.33           | 0.19       | -10.14         |                      |                 | PASS    |
|            | Ant1    | 5955    | 106 Tone RU53 | -13.18           | 2.47       | -10.71         | -8.65                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 106 Tone RU53 | -13.07           | 0.19       | -12.88         |                      |                 | PASS    |
|            | Ant1    | 5955    | 106 Tone RU54 | -13.71           | 2.47       | -11.24         | -9.06                | ≤-1             | PASS    |
|            | Ant2    | 5955    | 106 Tone RU54 | -13.28           | 0.19       | -13.09         |                      |                 | PASS    |
|            | Ant1    | 6175    | Full          | -7.71            | 2.47       | -5.24          | -2.40                | ≤-1             | PASS    |
|            | Ant2    | 6175    | Full          | -5.78            | 0.19       | -5.59          |                      |                 | PASS    |
|            | Ant1    | 6175    | 26 Tone RU0   | -8.38            | 2.47       | -5.91          | -3.56                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 26 Tone RU0   | -7.53            | 0.19       | -7.34          |                      |                 | PASS    |
|            | Ant1    | 6175    | 26 Tone RU8   | -8.66            | 2.47       | -6.19          | -3.82                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 26 Tone RU8   | -7.77            | 0.19       | -7.58          |                      |                 | PASS    |
|            | Ant1    | 6175    | 52 Tone RU37  | -11.55           | 2.47       | -9.08          | -6.63                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 52 Tone RU37  | -10.47           | 0.19       | -10.28         |                      |                 | PASS    |
|            | Ant1    | 6175    | 52 Tone RU40  | -11.19           | 2.47       | -8.72          | -6.54                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 52 Tone RU40  | -10.77           | 0.19       | -10.58         |                      |                 | PASS    |
|            | Ant1    | 6175    | 106 Tone RU53 | -14.53           | 2.47       | -12.06         | -9.57                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 106 Tone RU53 | -13.36           | 0.19       | -13.17         |                      |                 | PASS    |
|            | Ant1    | 6175    | 106 Tone RU54 | -14.53           | 2.47       | -12.06         | -9.61                | ≤-1             | PASS    |
|            | Ant2    | 6175    | 106 Tone RU54 | -13.45           | 0.19       | -13.26         |                      |                 | PASS    |
|            | Ant1    | 6415    | Full          | -8.48            | 2.47       | -6.01          | -2.70                | ≤-1             | PASS    |
|            | Ant2    | 6415    | Full          | -5.62            | 0.19       | -5.43          |                      |                 | PASS    |
|            | Ant1    | 6415    | 26 Tone RU0   | -9.12            | 2.47       | -6.65          | -4.74                | ≤-1             | PASS    |
|            | Ant2    | 6415    | 26 Tone RU0   | -9.41            | 0.19       | -9.22          |                      |                 | PASS    |
|            | Ant1    | 6415    | 26 Tone RU8   | -8.94            | 2.47       | -6.47          | -4.77                | ≤-1             | PASS    |
|            | Ant2    | 6415    | 26 Tone       | -9.86            | 0.19       | -9.67          |                      |                 | PASS    |

|      |      |                  |        |      |        |        |     |      |  |
|------|------|------------------|--------|------|--------|--------|-----|------|--|
|      |      |                  | RU8    |      |        |        |     |      |  |
| Ant1 | 6415 | 52 Tone<br>RU37  | -11.18 | 2.47 | -8.71  | -6.80  | ≤-1 | PASS |  |
| Ant2 | 6415 | 52 Tone<br>RU37  | -11.49 | 0.19 | -11.30 |        |     | PASS |  |
| Ant1 | 6415 | 52 Tone<br>RU40  | -10.92 | 2.47 | -8.45  | -6.66  | ≤-1 | PASS |  |
| Ant2 | 6415 | 52 Tone<br>RU40  | -11.56 | 0.19 | -11.37 |        |     | PASS |  |
| Ant1 | 6415 | 106 Tone<br>RU53 | -13.93 | 2.47 | -11.46 | -9.65  | ≤-1 | PASS |  |
| Ant2 | 6415 | 106 Tone<br>RU53 | -14.52 | 0.19 | -14.33 |        |     | PASS |  |
| Ant1 | 6415 | 106 Tone<br>RU54 | -13.89 | 2.47 | -11.42 | -9.70  | ≤-1 | PASS |  |
| Ant2 | 6415 | 106 Tone<br>RU54 | -14.75 | 0.19 | -14.56 |        |     | PASS |  |
| Ant1 | 6435 | Full             | -8.63  | 2.47 | -6.16  | -2.73  | ≤-1 | PASS |  |
| Ant2 | 6435 | Full             | -5.55  | 0.19 | -5.36  |        |     | PASS |  |
| Ant1 | 6435 | 26 Tone<br>RU0   | -8.77  | 2.47 | -6.30  | -4.51  | ≤-1 | PASS |  |
| Ant2 | 6435 | 26 Tone<br>RU0   | -9.40  | 0.19 | -9.21  |        |     | PASS |  |
| Ant1 | 6435 | 26 Tone<br>RU8   | -9.28  | 2.47 | -6.81  | -5.16  | ≤-1 | PASS |  |
| Ant2 | 6435 | 26 Tone<br>RU8   | -10.35 | 0.19 | -10.16 |        |     | PASS |  |
| Ant1 | 6435 | 52 Tone<br>RU37  | -12.19 | 2.47 | -9.72  | -8.04  | ≤-1 | PASS |  |
| Ant2 | 6435 | 52 Tone<br>RU37  | -13.18 | 0.19 | -12.99 |        |     | PASS |  |
| Ant1 | 6435 | 52 Tone<br>RU40  | -12.07 | 2.47 | -9.60  | -8.01  | ≤-1 | PASS |  |
| Ant2 | 6435 | 52 Tone<br>RU40  | -13.33 | 0.19 | -13.14 |        |     | PASS |  |
| Ant1 | 6435 | 106 Tone<br>RU53 | -15.27 | 2.47 | -12.80 | -11.10 | ≤-1 | PASS |  |
| Ant2 | 6435 | 106 Tone<br>RU53 | -16.19 | 0.19 | -16.00 |        |     | PASS |  |
| Ant1 | 6435 | 106 Tone<br>RU54 | -15.11 | 2.47 | -12.64 | -11.06 | ≤-1 | PASS |  |
| Ant2 | 6435 | 106 Tone<br>RU54 | -16.42 | 0.19 | -16.23 |        |     | PASS |  |
| Ant1 | 6475 | Full             | -8.24  | 2.47 | -5.77  | -2.73  | ≤-1 | PASS |  |
| Ant2 | 6475 | Full             | -5.91  | 0.19 | -5.72  |        |     | PASS |  |
| Ant1 | 6475 | 26 Tone<br>RU0   | -9.39  | 2.47 | -6.92  | -5.16  | ≤-1 | PASS |  |
| Ant2 | 6475 | 26 Tone<br>RU0   | -10.13 | 0.19 | -9.94  |        |     | PASS |  |
| Ant1 | 6475 | 26 Tone<br>RU8   | -8.64  | 2.47 | -6.17  | -4.76  | ≤-1 | PASS |  |
| Ant2 | 6475 | 26 Tone<br>RU8   | -10.53 | 0.19 | -10.34 |        |     | PASS |  |
| Ant1 | 6475 | 52 Tone<br>RU37  | -11.92 | 2.47 | -9.45  | -7.80  | ≤-1 | PASS |  |
| Ant2 | 6475 | 52 Tone<br>RU37  | -12.98 | 0.19 | -12.79 |        |     | PASS |  |
| Ant1 | 6475 | 52 Tone<br>RU40  | -11.85 | 2.47 | -9.38  | -7.95  | ≤-1 | PASS |  |
| Ant2 | 6475 | 52 Tone<br>RU40  | -13.66 | 0.19 | -13.47 |        |     | PASS |  |
| Ant1 | 6475 | 106 Tone<br>RU53 | -15.04 | 2.47 | -12.57 | -10.93 | ≤-1 | PASS |  |
| Ant2 | 6475 | 106 Tone<br>RU53 | -16.13 | 0.19 | -15.94 |        |     | PASS |  |

|  |      |      |               |        |      |        |        |     |      |
|--|------|------|---------------|--------|------|--------|--------|-----|------|
|  | Ant1 | 6475 | 106 Tone RU54 | -14.79 | 2.47 | -12.32 | -10.81 | ≤-1 | PASS |
|  | Ant2 | 6475 | 106 Tone RU54 | -16.33 | 0.19 | -16.14 |        |     | PASS |
|  | Ant1 | 6515 | Full          | -8.10  | 2.47 | -5.63  | -3.06  | ≤-1 | PASS |
|  | Ant2 | 6515 | Full          | -6.76  | 0.19 | -6.57  |        |     | PASS |
|  | Ant1 | 6515 | 26 Tone RU0   | -8.63  | 2.47 | -6.16  | -4.68  | ≤-1 | PASS |
|  | Ant2 | 6515 | 26 Tone RU0   | -10.25 | 0.19 | -10.06 |        |     | PASS |
|  | Ant1 | 6515 | 26 Tone RU8   | -8.71  | 2.47 | -6.24  | -4.79  | ≤-1 | PASS |
|  | Ant2 | 6515 | 26 Tone RU8   | -10.46 | 0.19 | -10.27 |        |     | PASS |
|  | Ant1 | 6515 | 52 Tone RU37  | -11.58 | 2.47 | -9.11  | -7.60  | ≤-1 | PASS |
|  | Ant2 | 6515 | 52 Tone RU37  | -13.10 | 0.19 | -12.91 |        |     | PASS |
|  | Ant1 | 6515 | 52 Tone RU40  | -11.50 | 2.47 | -9.03  | -7.56  | ≤-1 | PASS |
|  | Ant2 | 6515 | 52 Tone RU40  | -13.17 | 0.19 | -12.98 |        |     | PASS |
|  | Ant1 | 6515 | 106 Tone RU53 | -14.35 | 2.47 | -11.88 | -10.45 | ≤-1 | PASS |
|  | Ant2 | 6515 | 106 Tone RU53 | -16.15 | 0.19 | -15.96 |        |     | PASS |
|  | Ant1 | 6515 | 106 Tone RU54 | -14.38 | 2.47 | -11.91 | -10.50 | ≤-1 | PASS |
|  | Ant2 | 6515 | 106 Tone RU54 | -16.27 | 0.19 | -16.08 |        |     | PASS |
|  | Ant1 | 6535 | Full          | -7.75  | 2.47 | -5.28  | -2.85  | ≤-1 | PASS |
|  | Ant2 | 6535 | Full          | -6.73  | 0.19 | -6.54  |        |     | PASS |
|  | Ant1 | 6535 | 26 Tone RU0   | -8.77  | 2.47 | -6.30  | -4.68  | ≤-1 | PASS |
|  | Ant2 | 6535 | 26 Tone RU0   | -9.93  | 0.19 | -9.74  |        |     | PASS |
|  | Ant1 | 6535 | 26 Tone RU8   | -9.03  | 2.47 | -6.56  | -4.89  | ≤-1 | PASS |
|  | Ant2 | 6535 | 26 Tone RU8   | -10.03 | 0.19 | -9.84  |        |     | PASS |
|  | Ant1 | 6535 | 52 Tone RU37  | -11.46 | 2.47 | -8.99  | -7.48  | ≤-1 | PASS |
|  | Ant2 | 6535 | 52 Tone RU37  | -12.98 | 0.19 | -12.79 |        |     | PASS |
|  | Ant1 | 6535 | 52 Tone RU40  | -11.90 | 2.47 | -9.43  | -7.88  | ≤-1 | PASS |
|  | Ant2 | 6535 | 52 Tone RU40  | -13.28 | 0.19 | -13.09 |        |     | PASS |
|  | Ant1 | 6535 | 106 Tone RU53 | -14.66 | 2.47 | -12.19 | -10.59 | ≤-1 | PASS |
|  | Ant2 | 6535 | 106 Tone RU53 | -15.90 | 0.19 | -15.71 |        |     | PASS |
|  | Ant1 | 6535 | 106 Tone RU54 | -14.73 | 2.47 | -12.26 | -10.62 | ≤-1 | PASS |
|  | Ant2 | 6535 | 106 Tone RU54 | -15.83 | 0.19 | -15.64 |        |     | PASS |
|  | Ant1 | 6695 | Full          | -7.66  | 2.47 | -5.19  | -3.23  | ≤-1 | PASS |
|  | Ant2 | 6695 | Full          | -7.81  | 0.19 | -7.62  |        |     | PASS |
|  | Ant1 | 6695 | 26 Tone RU0   | -8.79  | 2.47 | -6.32  | -5.06  | ≤-1 | PASS |
|  | Ant2 | 6695 | 26 Tone RU0   | -11.23 | 0.19 | -11.04 |        |     | PASS |
|  | Ant1 | 6695 | 26 Tone RU8   | -8.53  | 2.47 | -6.06  | -4.84  | ≤-1 | PASS |
|  | Ant2 | 6695 | 26 Tone       | -11.14 | 0.19 | -10.95 |        |     | PASS |

|  |      |      |                  |        |      |        |        |     |      |
|--|------|------|------------------|--------|------|--------|--------|-----|------|
|  |      |      | RU8              |        |      |        |        |     |      |
|  | Ant1 | 6695 | 52 Tone<br>RU37  | -11.57 | 2.47 | -9.10  | -7.79  | ≤-1 | PASS |
|  | Ant2 | 6695 | 52 Tone<br>RU37  | -13.83 | 0.19 | -13.64 |        |     | PASS |
|  | Ant1 | 6695 | 52 Tone<br>RU40  | -11.51 | 2.47 | -9.04  | -7.77  | ≤-1 | PASS |
|  | Ant2 | 6695 | 52 Tone<br>RU40  | -13.93 | 0.19 | -13.74 |        |     | PASS |
|  | Ant1 | 6695 | 106 Tone<br>RU53 | -14.44 | 2.47 | -11.97 | -10.74 | ≤-1 | PASS |
|  | Ant2 | 6695 | 106 Tone<br>RU53 | -17.02 | 0.19 | -16.83 |        |     | PASS |
|  | Ant1 | 6695 | 106 Tone<br>RU54 | -14.41 | 2.47 | -11.94 | -10.73 | ≤-1 | PASS |
|  | Ant2 | 6695 | 106 Tone<br>RU54 | -17.06 | 0.19 | -16.87 |        |     | PASS |
|  | Ant1 | 6855 | Full             | -6.53  | 2.47 | -4.06  | -2.24  | ≤-1 | PASS |
|  | Ant2 | 6855 | Full             | -7.08  | 0.19 | -6.89  |        |     | PASS |
|  | Ant1 | 6855 | 26 Tone<br>RU0   | -7.43  | 2.47 | -4.96  | -2.83  | ≤-1 | PASS |
|  | Ant2 | 6855 | 26 Tone<br>RU0   | -7.13  | 0.19 | -6.94  |        |     | PASS |
|  | Ant1 | 6855 | 26 Tone<br>RU8   | -7.50  | 2.47 | -5.03  | -3.16  | ≤-1 | PASS |
|  | Ant2 | 6855 | 26 Tone<br>RU8   | -7.90  | 0.19 | -7.71  |        |     | PASS |
|  | Ant1 | 6855 | 52 Tone<br>RU37  | -11.35 | 2.47 | -8.88  | -6.78  | ≤-1 | PASS |
|  | Ant2 | 6855 | 52 Tone<br>RU37  | -11.14 | 0.19 | -10.95 |        |     | PASS |
|  | Ant1 | 6855 | 52 Tone<br>RU40  | -11.41 | 2.47 | -8.94  | -6.64  | ≤-1 | PASS |
|  | Ant2 | 6855 | 52 Tone<br>RU40  | -10.70 | 0.19 | -10.51 |        |     | PASS |
|  | Ant1 | 6855 | 106 Tone<br>RU53 | -14.03 | 2.47 | -11.56 | -9.46  | ≤-1 | PASS |
|  | Ant2 | 6855 | 106 Tone<br>RU53 | -13.81 | 0.19 | -13.62 |        |     | PASS |
|  | Ant1 | 6855 | 106 Tone<br>RU54 | -14.28 | 2.47 | -11.81 | -9.54  | ≤-1 | PASS |
|  | Ant2 | 6855 | 106 Tone<br>RU54 | -13.63 | 0.19 | -13.44 |        |     | PASS |
|  | Ant1 | 6875 | Full             | -6.77  | 2.47 | -4.30  | -2.40  | ≤-1 | PASS |
|  | Ant2 | 6875 | Full             | -7.09  | 0.19 | -6.90  |        |     | PASS |
|  | Ant1 | 6875 | 26 Tone<br>RU0   | -8.54  | 2.47 | -6.07  | -3.86  | ≤-1 | PASS |
|  | Ant2 | 6875 | 26 Tone<br>RU0   | -8.04  | 0.19 | -7.85  |        |     | PASS |
|  | Ant1 | 6875 | 26 Tone<br>RU8   | -8.66  | 2.47 | -6.19  | -4.00  | ≤-1 | PASS |
|  | Ant2 | 6875 | 26 Tone<br>RU8   | -8.22  | 0.19 | -8.03  |        |     | PASS |
|  | Ant1 | 6875 | 52 Tone<br>RU37  | -11.58 | 2.47 | -9.11  | -6.97  | ≤-1 | PASS |
|  | Ant2 | 6875 | 52 Tone<br>RU37  | -11.26 | 0.19 | -11.07 |        |     | PASS |
|  | Ant1 | 6875 | 52 Tone<br>RU40  | -11.45 | 2.47 | -8.98  | -6.84  | ≤-1 | PASS |
|  | Ant2 | 6875 | 52 Tone<br>RU40  | -11.14 | 0.19 | -10.95 |        |     | PASS |
|  | Ant1 | 6875 | 106 Tone<br>RU53 | -14.26 | 2.47 | -11.79 | -9.58  | ≤-1 | PASS |
|  | Ant2 | 6875 | 106 Tone<br>RU53 | -13.77 | 0.19 | -13.58 |        |     | PASS |

|            |      |      |               |        |      |        |        |           |      |
|------------|------|------|---------------|--------|------|--------|--------|-----------|------|
|            | Ant1 | 6875 | 106 Tone RU54 | -14.30 | 2.47 | -11.83 | -9.55  | $\leq -1$ | PASS |
|            | Ant2 | 6875 | 106 Tone RU54 | -13.62 | 0.19 | -13.43 |        |           | PASS |
|            | Ant1 | 6995 | Full          | -6.83  | 2.47 | -4.36  | -2.25  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | Full          | -6.59  | 0.19 | -6.40  |        |           | PASS |
|            | Ant1 | 6995 | 26 Tone RU0   | -7.27  | 2.47 | -4.80  | -2.80  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 26 Tone RU0   | -7.33  | 0.19 | -7.14  |        |           | PASS |
|            | Ant1 | 6995 | 26 Tone RU8   | -8.37  | 2.47 | -5.90  | -3.51  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 26 Tone RU8   | -7.43  | 0.19 | -7.24  |        |           | PASS |
|            | Ant1 | 6995 | 52 Tone RU37  | -12.12 | 2.47 | -9.65  | -7.32  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 52 Tone RU37  | -11.33 | 0.19 | -11.14 |        |           | PASS |
|            | Ant1 | 6995 | 52 Tone RU40  | -11.24 | 2.47 | -8.77  | -6.33  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 52 Tone RU40  | -10.19 | 0.19 | -10.00 |        |           | PASS |
|            | Ant1 | 6995 | 106 Tone RU53 | -15.12 | 2.47 | -12.65 | -10.28 | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 106 Tone RU53 | -14.24 | 0.19 | -14.05 |        |           | PASS |
|            | Ant1 | 6995 | 106 Tone RU54 | -14.32 | 2.47 | -11.85 | -9.36  | $\leq -1$ | PASS |
|            | Ant2 | 6995 | 106 Tone RU54 | -13.15 | 0.19 | -12.96 |        |           | PASS |
|            | Ant1 | 7115 | Full          | -6.26  | 2.47 | -3.79  | -2.14  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | Full          | -7.34  | 0.19 | -7.15  |        |           | PASS |
|            | Ant1 | 7115 | 26 Tone RU0   | -7.32  | 2.47 | -4.85  | -2.94  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 26 Tone RU0   | -7.61  | 0.19 | -7.42  |        |           | PASS |
|            | Ant1 | 7115 | 26 Tone RU8   | -7.38  | 2.47 | -4.91  | -3.20  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 26 Tone RU8   | -8.25  | 0.19 | -8.06  |        |           | PASS |
|            | Ant1 | 7115 | 52 Tone RU37  | -10.11 | 2.47 | -7.64  | -5.77  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 52 Tone RU37  | -10.52 | 0.19 | -10.33 |        |           | PASS |
|            | Ant1 | 7115 | 52 Tone RU40  | -10.08 | 2.47 | -7.61  | -5.68  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 52 Tone RU40  | -10.31 | 0.19 | -10.12 |        |           | PASS |
|            | Ant1 | 7115 | 106 Tone RU53 | -12.81 | 2.47 | -10.34 | -8.55  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 106 Tone RU53 | -13.45 | 0.19 | -13.26 |        |           | PASS |
|            | Ant1 | 7115 | 106 Tone RU54 | -12.78 | 2.47 | -10.31 | -8.51  | $\leq -1$ | PASS |
|            | Ant2 | 7115 | 106 Tone RU54 | -13.38 | 0.19 | -13.19 |        |           | PASS |
| 11AX40MIMO | Ant1 | 5965 | Full          | -8.74  | 2.47 | -6.27  | -4.04  | $\leq -1$ | PASS |
|            | Ant2 | 5965 | Full          | -8.19  | 0.19 | -8.00  |        |           | PASS |
|            | Ant1 | 5965 | 242 Tone RU61 | -14.46 | 2.47 | -11.99 | -10.25 | $\leq -1$ | PASS |
|            | Ant2 | 5965 | 242 Tone RU61 | -15.26 | 0.19 | -15.07 |        |           | PASS |
|            | Ant1 | 5965 | 242 Tone RU62 | -14.63 | 2.47 | -12.16 | -10.38 | $\leq -1$ | PASS |
|            | Ant2 | 5965 | 242 Tone      | -15.31 | 0.19 | -15.12 |        |           | PASS |

|  |      |      |               |        |      |        |        |     |      |
|--|------|------|---------------|--------|------|--------|--------|-----|------|
|  |      |      | RU62          |        |      |        |        |     |      |
|  | Ant1 | 6165 | Full          | -10.11 | 2.47 | -7.64  | -4.44  | ≤-1 | PASS |
|  | Ant2 | 6165 | Full          | -7.45  | 0.19 | -7.26  |        |     | PASS |
|  | Ant1 | 6165 | 242 Tone RU61 | -16.14 | 2.47 | -13.67 | -11.14 | ≤-1 | PASS |
|  | Ant2 | 6165 | 242 Tone RU61 | -14.89 | 0.19 | -14.70 |        |     | PASS |
|  | Ant1 | 6165 | 242 Tone RU62 | -15.85 | 2.47 | -13.38 | -10.97 | ≤-1 | PASS |
|  | Ant2 | 6165 | 242 Tone RU62 | -14.87 | 0.19 | -14.68 |        |     | PASS |
|  | Ant1 | 6405 | Full          | -9.93  | 2.47 | -7.46  | -4.00  | ≤-1 | PASS |
|  | Ant2 | 6405 | Full          | -6.80  | 0.19 | -6.61  |        |     | PASS |
|  | Ant1 | 6405 | 242 Tone RU61 | -13.69 | 2.47 | -11.22 | -9.37  | ≤-1 | PASS |
|  | Ant2 | 6405 | 242 Tone RU61 | -14.15 | 0.19 | -13.96 |        |     | PASS |
|  | Ant1 | 6405 | 242 Tone RU62 | -13.36 | 2.47 | -10.89 | -9.19  | ≤-1 | PASS |
|  | Ant2 | 6405 | 242 Tone RU62 | -14.28 | 0.19 | -14.09 |        |     | PASS |
|  | Ant1 | 6445 | Full          | -9.92  | 2.47 | -7.45  | -4.16  | ≤-1 | PASS |
|  | Ant2 | 6445 | Full          | -7.10  | 0.19 | -6.91  |        |     | PASS |
|  | Ant1 | 6445 | 242 Tone RU61 | -13.82 | 2.47 | -11.35 | -9.60  | ≤-1 | PASS |
|  | Ant2 | 6445 | 242 Tone RU61 | -14.57 | 0.19 | -14.38 |        |     | PASS |
|  | Ant1 | 6445 | 242 Tone RU62 | -13.49 | 2.47 | -11.02 | -9.46  | ≤-1 | PASS |
|  | Ant2 | 6445 | 242 Tone RU62 | -14.86 | 0.19 | -14.67 |        |     | PASS |
|  | Ant1 | 6485 | Full          | -9.39  | 2.47 | -6.92  | -4.02  | ≤-1 | PASS |
|  | Ant2 | 6485 | Full          | -7.33  | 0.19 | -7.14  |        |     | PASS |
|  | Ant1 | 6485 | 242 Tone RU61 | -13.42 | 2.47 | -10.95 | -9.45  | ≤-1 | 2.47 |
|  | Ant2 | 6485 | 242 Tone RU61 | -14.97 | 0.19 | -14.78 |        |     | 0.19 |
|  | Ant1 | 6485 | 242 Tone RU62 | -13.13 | 2.47 | -10.66 | -9.21  | ≤-1 | 2.47 |
|  | Ant2 | 6485 | 242 Tone RU62 | -14.86 | 0.19 | -14.67 |        |     | 0.19 |
|  | Ant1 | 6525 | Full          | -9.35  | 2.47 | -6.88  | -4.19  | ≤-1 | PASS |
|  | Ant2 | 6525 | Full          | -7.74  | 0.19 | -7.55  |        |     | PASS |
|  | Ant1 | 6525 | 242 Tone RU61 | -14.03 | 2.47 | -11.56 | -9.99  | ≤-1 | PASS |
|  | Ant2 | 6525 | 242 Tone RU61 | -15.36 | 0.19 | -15.17 |        |     | PASS |
|  | Ant1 | 6525 | 242 Tone RU62 | -14.08 | 2.47 | -11.61 | -10.08 | ≤-1 | PASS |
|  | Ant2 | 6525 | 242 Tone RU62 | -15.55 | 0.19 | -15.36 |        |     | PASS |
|  | Ant1 | 6565 | Full          | -9.41  | 2.47 | -6.94  | -4.55  | ≤-1 | PASS |
|  | Ant2 | 6565 | Full          | -8.47  | 0.19 | -8.28  |        |     | PASS |
|  | Ant1 | 6565 | 242 Tone RU61 | -14.43 | 2.47 | -11.96 | -10.38 | ≤-1 | PASS |
|  | Ant2 | 6565 | 242 Tone RU61 | -15.73 | 0.19 | -15.54 |        |     | PASS |
|  | Ant1 | 6565 | 242 Tone RU62 | -14.50 | 2.47 | -12.03 | -10.50 | ≤-1 | PASS |
|  | Ant2 | 6565 | 242 Tone RU62 | -15.96 | 0.19 | -15.77 |        |     | PASS |
|  | Ant1 | 6685 | Full          | -8.80  | 2.47 | -6.33  | -4.59  | ≤-1 | PASS |
|  | Ant2 | 6685 | Full          | -9.59  | 0.19 | -9.40  |        |     | PASS |
|  | Ant1 | 6685 | 242 Tone RU61 | -14.81 | 2.47 | -12.34 | -10.82 | ≤-1 | PASS |

|            |      |      |               |        |      |        |        |     |      |
|------------|------|------|---------------|--------|------|--------|--------|-----|------|
|            | Ant2 | 6685 | 242 Tone RU61 | -16.31 | 0.19 | -16.12 |        |     | PASS |
|            | Ant1 | 6685 | 242 Tone RU62 | -14.87 | 2.47 | -12.40 | -10.88 | ≤-1 | PASS |
|            | Ant2 | 6685 | 242 Tone RU62 | -16.37 | 0.19 | -16.18 |        |     | PASS |
|            | Ant1 | 6845 | Full          | -9.73  | 2.47 | -7.26  | -5.19  | ≤-1 | PASS |
|            | Ant2 | 6845 | Full          | -9.59  | 0.19 | -9.40  |        |     | PASS |
|            | Ant1 | 6845 | 242 Tone RU61 | -15.92 | 2.47 | -13.45 | -11.27 | ≤-1 | PASS |
|            | Ant2 | 6845 | 242 Tone RU61 | -15.51 | 0.19 | -15.32 |        |     | PASS |
|            | Ant1 | 6845 | 242 Tone RU62 | -16.00 | 2.47 | -13.53 | -11.35 | ≤-1 | PASS |
|            | Ant2 | 6845 | 242 Tone RU62 | -15.57 | 0.19 | -15.38 |        |     | PASS |
|            | Ant1 | 6885 | Full          | -10.15 | 2.47 | -7.68  | -5.41  | ≤-1 | PASS |
|            | Ant2 | 6885 | Full          | -9.51  | 0.19 | -9.32  |        |     | PASS |
|            | Ant1 | 6885 | 242 Tone RU61 | -16.71 | 2.47 | -14.24 | -11.55 | ≤-1 | PASS |
|            | Ant2 | 6885 | 242 Tone RU61 | -15.09 | 0.19 | -14.90 |        |     | PASS |
|            | Ant1 | 6885 | 242 Tone RU62 | -16.26 | 2.47 | -13.79 | -11.36 | ≤-1 | PASS |
|            | Ant2 | 6885 | 242 Tone RU62 | -15.22 | 0.19 | -15.03 |        |     | PASS |
|            | Ant1 | 6965 | Full          | -10.46 | 2.47 | -7.99  | -5.51  | ≤-1 | PASS |
|            | Ant2 | 6965 | Full          | -9.31  | 0.19 | -9.12  |        |     | PASS |
|            | Ant1 | 6965 | 242 Tone RU61 | -16.53 | 2.47 | -14.06 | -11.69 | ≤-1 | PASS |
|            | Ant2 | 6965 | 242 Tone RU61 | -15.63 | 0.19 | -15.44 |        |     | PASS |
|            | Ant1 | 6965 | 242 Tone RU62 | -16.65 | 2.47 | -14.18 | -11.77 | ≤-1 | PASS |
|            | Ant2 | 6965 | 242 Tone RU62 | -15.66 | 0.19 | -15.47 |        |     | PASS |
|            | Ant1 | 7085 | Full          | -8.15  | 2.47 | -5.68  | -3.97  | ≤-1 | PASS |
|            | Ant2 | 7085 | Full          | -9.04  | 0.19 | -8.85  |        |     | PASS |
|            | Ant1 | 7085 | 242 Tone RU61 | -14.25 | 2.47 | -11.78 | -9.95  | ≤-1 | PASS |
|            | Ant2 | 7085 | 242 Tone RU61 | -14.78 | 0.19 | -14.59 |        |     | PASS |
|            | Ant1 | 7085 | 242 Tone RU62 | -14.22 | 2.47 | -11.75 | -9.88  | ≤-1 | PASS |
|            | Ant2 | 7085 | 242 Tone RU62 | -14.62 | 0.19 | -14.43 |        |     | PASS |
| 11AX80MIMO | Ant1 | 5985 | Full          | -11.51 | 2.47 | -9.04  | -6.91  | ≤-1 | PASS |
|            | Ant2 | 5985 | Full          | -11.22 | 0.19 | -11.03 |        |     | PASS |
|            | Ant1 | 5985 | 484 Tone RU65 | -17.32 | 2.47 | -14.85 | -13.20 | ≤-1 | PASS |
|            | Ant2 | 5985 | 484 Tone RU65 | -18.40 | 0.19 | -18.21 |        |     | PASS |
|            | Ant1 | 6145 | Full          | -13.21 | 2.47 | -10.74 | -7.47  | ≤-1 | PASS |
|            | Ant2 | 6145 | Full          | -10.42 | 0.19 | -10.23 |        |     | PASS |
|            | Ant1 | 6145 | 484 Tone RU65 | -19.52 | 2.47 | -17.05 | -14.32 | ≤-1 | PASS |
|            | Ant2 | 6145 | 484 Tone RU65 | -17.81 | 0.19 | -17.62 |        |     | PASS |
|            | Ant1 | 6385 | Full          | -12.53 | 2.47 | -10.06 | -7.40  | ≤-1 | PASS |
|            | Ant2 | 6385 | Full          | -10.98 | 0.19 | -10.79 |        |     | PASS |
|            | Ant1 | 6385 | 484 Tone RU65 | -17.47 | 2.47 | -15.00 | -13.21 | ≤-1 | PASS |
|            | Ant2 | 6385 | 484 Tone RU65 | -18.10 | 0.19 | -17.91 |        |     | PASS |
|            | Ant1 | 6465 | Full          | -12.83 | 2.47 | -10.36 | -7.10  | ≤-1 | PASS |

|             |      |      |               |        |      |        |        |     |      |
|-------------|------|------|---------------|--------|------|--------|--------|-----|------|
|             | Ant2 | 6465 | Full          | -10.06 | 0.19 | -9.87  |        |     | PASS |
|             | Ant1 | 6465 | 484 Tone RU65 | -16.67 | 2.47 | -14.20 | -12.61 | ≤-1 | PASS |
|             | Ant2 | 6465 | 484 Tone RU65 | -17.95 | 0.19 | -17.76 |        |     | PASS |
|             | Ant1 | 6545 | Full          | -12.03 | 2.47 | -9.56  | -7.13  | ≤-1 | PASS |
|             | Ant2 | 6545 | Full          | -11.01 | 0.19 | -10.82 |        |     | PASS |
|             | Ant1 | 6545 | 484 Tone RU65 | -19.80 | 2.47 | -17.33 | -15.77 | ≤-1 | PASS |
|             | Ant2 | 6545 | 484 Tone RU65 | -21.15 | 0.19 | -20.96 |        |     | PASS |
|             | Ant1 | 6705 | Full          | -11.60 | 2.47 | -9.13  | -7.35  | ≤-1 | PASS |
|             | Ant2 | 6705 | Full          | -12.28 | 0.19 | -12.09 |        |     | PASS |
|             | Ant1 | 6705 | 484 Tone RU65 | -20.57 | 2.47 | -18.10 | -16.52 | ≤-1 | PASS |
|             | Ant2 | 6705 | 484 Tone RU65 | -21.87 | 0.19 | -21.68 |        |     | PASS |
|             | Ant1 | 6865 | Full          | -12.94 | 2.47 | -10.47 | -8.29  | ≤-1 | PASS |
|             | Ant2 | 6865 | Full          | -12.52 | 0.19 | -12.33 |        |     | PASS |
|             | Ant1 | 6865 | 484 Tone RU65 | -21.18 | 2.47 | -18.71 | -16.61 | ≤-1 | PASS |
|             | Ant2 | 6865 | 484 Tone RU65 | -20.96 | 0.19 | -20.77 |        |     | PASS |
|             | Ant1 | 6945 | Full          | -13.39 | 2.47 | -10.92 | -8.60  | ≤-1 | PASS |
|             | Ant2 | 6945 | Full          | -12.63 | 0.19 | -12.44 |        |     | PASS |
|             | Ant1 | 6945 | 484 Tone RU65 | -22.40 | 2.47 | -19.93 | -17.29 | ≤-1 | PASS |
|             | Ant2 | 6945 | 484 Tone RU65 | -20.90 | 0.19 | -20.71 |        |     | PASS |
|             | Ant1 | 7025 | Full          | -11.97 | 2.47 | -9.50  | -7.67  | ≤-1 | PASS |
|             | Ant2 | 7025 | Full          | -12.51 | 0.19 | -12.32 |        |     | PASS |
|             | Ant1 | 7025 | 484 Tone RU65 | -20.95 | 2.47 | -18.48 | -16.02 | ≤-1 | PASS |
|             | Ant2 | 7025 | 484 Tone RU65 | -19.84 | 0.19 | -19.65 |        |     | PASS |
| 11AX160MIMO | Ant1 | 6025 | Full          | -14.44 | 2.47 | -11.97 | -9.43  | ≤-1 | PASS |
|             | Ant2 | 6025 | Full          | -13.16 | 0.19 | -12.97 |        |     | PASS |
|             | Ant1 | 6025 | 996 Tone RU67 | -23.06 | 2.47 | -20.59 | -18.89 | ≤-1 | PASS |
|             | Ant2 | 6025 | 996 Tone RU67 | -23.97 | 0.19 | -23.78 |        |     | PASS |
|             | Ant1 | 6185 | Full          | -15.59 | 2.47 | -13.12 | -10.28 | ≤-1 | PASS |
|             | Ant2 | 6185 | Full          | -13.66 | 0.19 | -13.47 |        |     | PASS |
|             | Ant1 | 6185 | 996 Tone RU67 | -24.85 | 2.47 | -22.38 | -19.71 | ≤-1 | PASS |
|             | Ant2 | 6185 | 996 Tone RU67 | -23.28 | 0.19 | -23.09 |        |     | PASS |
|             | Ant1 | 6345 | Full          | -15.48 | 2.47 | -13.01 | -10.03 | ≤-1 | PASS |
|             | Ant2 | 6345 | Full          | -13.26 | 0.19 | -13.07 |        |     | PASS |
|             | Ant1 | 6345 | 996 Tone RU67 | -23.35 | 2.47 | -20.88 | -18.90 | ≤-1 | PASS |
|             | Ant2 | 6345 | 996 Tone RU67 | -23.46 | 0.19 | -23.27 |        |     | PASS |
|             | Ant1 | 6505 | Full          | -15.40 | 2.47 | -12.93 | -9.96  | ≤-1 | PASS |
|             | Ant2 | 6505 | Full          | -13.20 | 0.19 | -13.01 |        |     | PASS |
|             | Ant1 | 6505 | 996 Tone RU67 | -22.81 | 2.47 | -20.34 | -18.66 | ≤-1 | PASS |
|             | Ant2 | 6505 | 996 Tone RU67 | -23.80 | 0.19 | -23.61 |        |     | PASS |
|             | Ant1 | 6665 | Full          | -14.69 | 2.47 | -12.22 | -10.11 | ≤-1 | PASS |
|             | Ant2 | 6665 | Full          | -14.45 | 0.19 | -14.26 |        |     | PASS |
|             | Ant1 | 6665 | 996 Tone RU67 | -23.54 | 2.47 | -21.07 | -19.23 | ≤-1 | PASS |
|             | Ant2 | 6665 | 996 Tone RU67 | -24.05 | 0.19 | -23.86 |        |     | PASS |

|  |      |      |                  |        |      |        |        |     |      |
|--|------|------|------------------|--------|------|--------|--------|-----|------|
|  | Ant1 | 6825 | Full             | -14.72 | 2.47 | -12.25 | -10.46 | ≤-1 | PASS |
|  | Ant2 | 6825 | Full             | -15.37 | 0.19 | -15.18 |        |     | PASS |
|  | Ant1 | 6825 | 996 Tone<br>RU67 | -22.85 | 2.47 | -20.38 | -18.72 | ≤-1 | PASS |
|  | Ant2 | 6825 | 996 Tone<br>RU67 | -23.89 | 0.19 | -23.70 |        |     | PASS |
|  | Ant1 | 6985 | Full             | -15.62 | 2.47 | -13.15 | -10.90 | ≤-1 | PASS |
|  | Ant2 | 6985 | Full             | -15.03 | 0.19 | -14.84 |        |     | PASS |
|  | Ant1 | 6985 | 996 Tone<br>RU67 | -25.22 | 2.47 | -22.75 | -20.23 | ≤-1 | PASS |
|  | Ant2 | 6985 | 996 Tone<br>RU67 | -23.98 | 0.19 | -23.79 |        |     | PASS |

## 5.5 Emission Bandwidth and Occupied Bandwidth

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

Method of Measurement:

### A. Emission Bandwidth:

The procedure for this method is as follows:

- Set RBW = shall be in the range of 1% to 5% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = peak.
- Trace mode = max-hold.
- Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is in the range of 1% to 5%.

NOTE—The automatic bandwidth measurement capability of a spectrum analyzer or an EMI receiver may be employed if it implements the functionality described in the preceding items.

### B. Occupied Bandwidth:

The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

The following procedure shall be used for measuring 99% power bandwidth:

- The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW.
- The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be at least three times the RBW, unless otherwise specified by the applicable requirement.
- Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than  $[10 \log (OBW/RBW)]$  below the reference level. Specific guidance is given in 4.1.6.2.
- Step a) through step c) might require iteration to adjust within the specified range.
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max-hold mode (until the trace stabilizes) shall be used.
- Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth.
- If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning

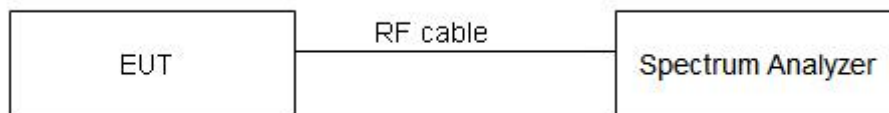
at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies.

h) The occupied bandwidth shall be reported by providing spectral plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s).

### Limits:

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

### Test Setup:



### Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 936$  Hz.

## Test Results: Emission Bandwidth

| TestMode   | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|----------------|---------|---------|------------|---------|
| 11AX20MIMO | Ant1    | 5955    | 21.72          | 5944.12 | 5965.84 | ≤320       | Pass    |
|            | Ant2    | 5955    | 21.84          | 5943.88 | 5965.72 | ≤320       | Pass    |
|            | Ant1    | 6175    | 21.92          | 6164.00 | 6185.92 | ≤320       | Pass    |
|            | Ant2    | 6175    | 21.72          | 6164.28 | 6186.00 | ≤320       | Pass    |
|            | Ant1    | 6415    | 21.80          | 6404.04 | 6425.84 | ≤320       | Pass    |
|            | Ant2    | 6415    | 21.68          | 6404.04 | 6425.72 | ≤320       | Pass    |
|            | Ant1    | 6435    | 22.00          | 6424.00 | 6446.00 | ≤320       | Pass    |
|            | Ant2    | 6435    | 21.68          | 6424.24 | 6445.92 | ≤320       | Pass    |
|            | Ant1    | 6475    | 22.08          | 6463.84 | 6485.92 | ≤320       | Pass    |
|            | Ant2    | 6475    | 21.52          | 6464.28 | 6485.80 | ≤320       | Pass    |
|            | Ant1    | 6515    | 21.76          | 6504.08 | 6525.84 | ≤320       | Pass    |
|            | Ant2    | 6515    | 21.88          | 6504.12 | 6526.00 | ≤320       | Pass    |
|            | Ant1    | 6535    | 21.96          | 6523.96 | 6545.92 | ≤320       | Pass    |
|            | Ant2    | 6535    | 21.64          | 6524.16 | 6545.80 | ≤320       | Pass    |
|            | Ant1    | 6695    | 21.76          | 6684.04 | 6705.80 | ≤320       | Pass    |
|            | Ant2    | 6695    | 21.84          | 6684.20 | 6706.04 | ≤320       | Pass    |
|            | Ant1    | 6855    | 21.96          | 6844.04 | 6866.00 | ≤320       | Pass    |
|            | Ant2    | 6855    | 21.48          | 6844.28 | 6865.76 | ≤320       | Pass    |
|            | Ant1    | 6875    | 21.84          | 6864.04 | 6885.88 | ≤320       | Pass    |
|            | Ant2    | 6875    | 22.04          | 6863.96 | 6886.00 | ≤320       | Pass    |
|            | Ant1    | 6995    | 22.04          | 6984.08 | 7006.12 | ≤320       | Pass    |
|            | Ant2    | 6995    | 21.64          | 6984.20 | 7005.84 | ≤320       | Pass    |
| 11AX40MIMO | Ant1    | 7115    | 22.00          | 7103.96 | 7125.96 | ≤320       | Pass    |
|            | Ant2    | 7115    | 22.00          | 7104.00 | 7126.00 | ≤320       | Pass    |
|            | Ant1    | 5965    | 42.00          | 5944.04 | 5986.04 | ≤320       | Pass    |
|            | Ant2    | 5965    | 41.60          | 5944.20 | 5985.80 | ≤320       | Pass    |
|            | Ant1    | 6165    | 41.92          | 6144.04 | 6185.96 | ≤320       | Pass    |
|            | Ant2    | 6165    | 41.52          | 6144.36 | 6185.88 | ≤320       | Pass    |
|            | Ant1    | 6405    | 41.84          | 6383.96 | 6425.80 | ≤320       | Pass    |
|            | Ant2    | 6405    | 41.68          | 6384.12 | 6425.80 | ≤320       | Pass    |
|            | Ant1    | 6445    | 41.68          | 6424.20 | 6465.88 | ≤320       | Pass    |
|            | Ant2    | 6445    | 41.52          | 6424.28 | 6465.80 | ≤320       | Pass    |
|            | Ant1    | 6485    | 41.60          | 6464.36 | 6505.96 | ≤320       | Pass    |
|            | Ant2    | 6485    | 42.08          | 6463.96 | 6506.04 | ≤320       | Pass    |
|            | Ant1    | 6525    | 41.84          | 6504.28 | 6546.12 | ≤320       | Pass    |
|            | Ant2    | 6525    | 41.52          | 6504.28 | 6545.80 | ≤320       | Pass    |
|            | Ant1    | 6565    | 41.92          | 6544.20 | 6586.12 | ≤320       | Pass    |
|            | Ant2    | 6565    | 41.68          | 6544.12 | 6585.80 | ≤320       | Pass    |
|            | Ant1    | 6685    | 41.84          | 6664.04 | 6705.88 | ≤320       | Pass    |
|            | Ant2    | 6685    | 41.68          | 6664.20 | 6705.88 | ≤320       | Pass    |
|            | Ant1    | 6845    | 41.60          | 6824.12 | 6865.72 | ≤320       | Pass    |
|            | Ant2    | 6845    | 42.16          | 6823.88 | 6866.04 | ≤320       | Pass    |
|            | Ant1    | 6885    | 41.76          | 6864.12 | 6905.88 | ≤320       | Pass    |
|            | Ant2    | 6885    | 41.76          | 6864.04 | 6905.80 | ≤320       | Pass    |
| 11AX80MIMO | Ant1    | 6965    | 42.32          | 6943.80 | 6986.12 | ≤320       | Pass    |
|            | Ant2    | 6965    | 42.08          | 6943.96 | 6986.04 | ≤320       | Pass    |
|            | Ant1    | 7085    | 41.60          | 7064.12 | 7105.72 | ≤320       | Pass    |
|            | Ant2    | 7085    | 41.76          | 7064.12 | 7105.88 | ≤320       | Pass    |
|            | Ant1    | 5985    | 84.96          | 5942.44 | 6027.40 | ≤320       | Pass    |
|            | Ant2    | 5985    | 84.80          | 5942.76 | 6027.56 | ≤320       | Pass    |
|            | Ant1    | 6145    | 85.12          | 6102.44 | 6187.56 | ≤320       | Pass    |
|            | Ant2    | 6145    | 84.48          | 6102.76 | 6187.24 | ≤320       | Pass    |
|            | Ant1    | 6385    | 84.96          | 6342.28 | 6427.24 | ≤320       | Pass    |
|            | Ant2    | 6385    | 84.32          | 6342.92 | 6427.24 | ≤320       | Pass    |
|            | Ant1    | 6465    | 86.24          | 6421.96 | 6508.20 | ≤320       | Pass    |
|            | Ant2    | 6465    | 85.92          | 6422.12 | 6508.04 | ≤320       | Pass    |
|            | Ant1    | 6545    | 85.76          | 6502.44 | 6588.20 | ≤320       | Pass    |
|            | Ant2    | 6545    | 84.48          | 6502.92 | 6587.40 | ≤320       | Pass    |
|            | Ant1    | 6705    | 85.28          | 6662.28 | 6747.56 | ≤320       | Pass    |
|            | Ant2    | 6705    | 107.04         | 6640.68 | 6747.72 | ≤320       | Pass    |

|             |      |      |        |         |         |      |      |
|-------------|------|------|--------|---------|---------|------|------|
|             | Ant1 | 6865 | 85.12  | 6822.76 | 6907.88 | ≤320 | Pass |
|             | Ant2 | 6865 | 84.80  | 6822.44 | 6907.24 | ≤320 | Pass |
|             | Ant1 | 6945 | 84.64  | 6902.60 | 6987.24 | ≤320 | Pass |
|             | Ant2 | 6945 | 84.48  | 6902.60 | 6987.08 | ≤320 | Pass |
|             | Ant1 | 7025 | 84.64  | 6982.60 | 7067.24 | ≤320 | Pass |
|             | Ant2 | 7025 | 84.32  | 6982.92 | 7067.24 | ≤320 | Pass |
| 11AX160MIMO | Ant1 | 6025 | 170.88 | 5940.20 | 6111.08 | ≤320 | Pass |
|             | Ant2 | 6025 | 172.48 | 5938.92 | 6111.40 | ≤320 | Pass |
|             | Ant1 | 6185 | 172.48 | 6098.92 | 6271.40 | ≤320 | Pass |
|             | Ant2 | 6185 | 172.16 | 6099.24 | 6271.40 | ≤320 | Pass |
|             | Ant1 | 6345 | 172.48 | 6258.92 | 6431.40 | ≤320 | Pass |
|             | Ant2 | 6345 | 171.84 | 6259.56 | 6431.40 | ≤320 | Pass |
|             | Ant1 | 6505 | 172.16 | 6419.24 | 6591.40 | ≤320 | Pass |
|             | Ant2 | 6505 | 171.84 | 6419.24 | 6591.08 | ≤320 | Pass |
|             | Ant1 | 6665 | 171.84 | 6579.56 | 6751.40 | ≤320 | Pass |
|             | Ant2 | 6665 | 171.52 | 6579.24 | 6750.76 | ≤320 | Pass |
|             | Ant1 | 6825 | 172.16 | 6738.92 | 6911.08 | ≤320 | Pass |
|             | Ant2 | 6825 | 172.48 | 6739.24 | 6911.72 | ≤320 | Pass |
|             | Ant1 | 6985 | 172.48 | 6898.92 | 7071.40 | ≤320 | Pass |
|             | Ant2 | 6985 | 171.52 | 6899.24 | 7070.76 | ≤320 | Pass |

## Test Results: Occupied Bandwidth

| TestMode   | Antenna | Channel | OCB [MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|-----------|-----------|------------|---------|
| 11AX20MIMO | Ant1    | 5955    | 19.101    | 5945.4496 | 5964.5504 | ≤320       | PASS    |
|            | Ant2    | 5955    | 19.101    | 5945.4496 | 5964.5504 | ≤320       | PASS    |
|            | Ant1    | 6175    | 19.101    | 6165.4496 | 6184.5504 | ≤320       | PASS    |
|            | Ant2    | 6175    | 19.101    | 6165.4496 | 6184.5504 | ≤320       | PASS    |
|            | Ant1    | 6415    | 19.061    | 6405.4496 | 6424.5105 | ≤320       | PASS    |
|            | Ant2    | 6415    | 19.101    | 6405.4496 | 6424.5504 | ≤320       | PASS    |
|            | Ant1    | 6435    | 19.101    | 6425.4496 | 6444.5504 | ≤320       | PASS    |
|            | Ant2    | 6435    | 19.061    | 6425.4895 | 6444.5504 | ≤320       | PASS    |
|            | Ant1    | 6475    | 19.101    | 6465.4496 | 6484.5504 | ≤320       | PASS    |
|            | Ant2    | 6475    | 19.101    | 6465.4496 | 6484.5504 | ≤320       | PASS    |
|            | Ant1    | 6515    | 19.101    | 6505.4496 | 6524.5504 | ≤320       | PASS    |
|            | Ant2    | 6515    | 19.101    | 6505.4496 | 6524.5504 | ≤320       | PASS    |
|            | Ant1    | 6535    | 19.101    | 6525.4496 | 6544.5504 | ≤320       | PASS    |
|            | Ant2    | 6535    | 19.101    | 6525.4496 | 6544.5504 | ≤320       | PASS    |
|            | Ant1    | 6695    | 19.101    | 6685.4496 | 6704.5504 | ≤320       | PASS    |
|            | Ant2    | 6695    | 19.101    | 6685.4496 | 6704.5504 | ≤320       | PASS    |
|            | Ant1    | 6855    | 19.101    | 6845.4496 | 6864.5504 | ≤320       | PASS    |
|            | Ant2    | 6855    | 19.101    | 6845.4496 | 6864.5504 | ≤320       | PASS    |
|            | Ant1    | 6875    | 19.101    | 6865.4496 | 6884.5504 | ≤320       | PASS    |
|            | Ant2    | 6875    | 19.101    | 6865.4496 | 6884.5504 | ≤320       | PASS    |
|            | Ant1    | 6995    | 19.061    | 6985.4496 | 7004.5105 | ≤320       | PASS    |
|            | Ant2    | 6995    | 19.101    | 6985.4496 | 7004.5504 | ≤320       | PASS    |
|            | Ant1    | 7115    | 19.061    | 7105.4496 | 7124.5105 | ≤320       | PASS    |
|            | Ant2    | 7115    | 19.061    | 7105.4496 | 7124.5105 | ≤320       | PASS    |
| 11AX40MIMO | Ant1    | 5965    | 38.042    | 5945.9790 | 5984.0210 | ≤320       | PASS    |
|            | Ant2    | 5965    | 38.042    | 5945.9790 | 5984.0210 | ≤320       | PASS    |
|            | Ant1    | 6165    | 38.042    | 6145.9790 | 6184.0210 | ≤320       | PASS    |
|            | Ant2    | 6165    | 38.042    | 6145.9790 | 6184.0210 | ≤320       | PASS    |
|            | Ant1    | 6405    | 38.042    | 6385.9790 | 6424.0210 | ≤320       | PASS    |
|            | Ant2    | 6405    | 37.962    | 6386.0589 | 6424.0210 | ≤320       | PASS    |
|            | Ant1    | 6445    | 38.042    | 6425.9790 | 6464.0210 | ≤320       | PASS    |
|            | Ant2    | 6445    | 37.882    | 6426.0589 | 6463.9411 | ≤320       | PASS    |
|            | Ant1    | 6485    | 37.962    | 6466.0589 | 6504.0210 | ≤320       | PASS    |
|            | Ant2    | 6485    | 37.962    | 6466.0589 | 6504.0210 | ≤320       | PASS    |
|            | Ant1    | 6525    | 38.042    | 6506.0589 | 6544.1009 | ≤320       | PASS    |
|            | Ant2    | 6525    | 37.962    | 6506.0589 | 6544.0210 | ≤320       | PASS    |
|            | Ant1    | 6565    | 38.042    | 6545.9790 | 6584.0210 | ≤320       | PASS    |
|            | Ant2    | 6565    | 38.042    | 6545.9790 | 6584.0210 | ≤320       | PASS    |

|             |      |      |         |           |           |      |      |
|-------------|------|------|---------|-----------|-----------|------|------|
|             | Ant1 | 6685 | 38.042  | 6665.9790 | 6704.0210 | ≤320 | PASS |
|             | Ant2 | 6685 | 38.042  | 6666.0589 | 6704.1009 | ≤320 | PASS |
|             | Ant1 | 6845 | 38.042  | 6825.9790 | 6864.0210 | ≤320 | PASS |
|             | Ant2 | 6845 | 38.042  | 6825.9790 | 6864.0210 | ≤320 | PASS |
|             | Ant1 | 6885 | 38.122  | 6865.9790 | 6904.1009 | ≤320 | PASS |
|             | Ant2 | 6885 | 38.042  | 6865.9790 | 6904.0210 | ≤320 | PASS |
|             | Ant1 | 6965 | 38.042  | 6945.8991 | 6983.9411 | ≤320 | PASS |
|             | Ant2 | 6965 | 37.962  | 6945.9790 | 6983.9411 | ≤320 | PASS |
|             | Ant1 | 7085 | 38.042  | 7065.9790 | 7104.0210 | ≤320 | PASS |
|             | Ant2 | 7085 | 37.962  | 7066.0589 | 7104.0210 | ≤320 | PASS |
| 11AX80MIMO  | Ant1 | 5985 | 77.842  | 5946.1588 | 6024.0010 | ≤320 | PASS |
|             | Ant2 | 5985 | 77.682  | 5946.1588 | 6023.8412 | ≤320 | PASS |
|             | Ant1 | 6145 | 78.002  | 6105.9990 | 6184.0010 | ≤320 | PASS |
|             | Ant2 | 6145 | 77.522  | 6106.3187 | 6183.8412 | ≤320 | PASS |
|             | Ant1 | 6385 | 77.682  | 6346.1588 | 6423.8412 | ≤320 | PASS |
|             | Ant2 | 6385 | 77.682  | 6346.3187 | 6424.0010 | ≤320 | PASS |
|             | Ant1 | 6465 | 77.842  | 6426.1588 | 6504.0010 | ≤320 | PASS |
|             | Ant2 | 6465 | 77.842  | 6426.1588 | 6504.0010 | ≤320 | PASS |
|             | Ant1 | 6545 | 77.842  | 6506.1588 | 6584.0010 | ≤320 | PASS |
|             | Ant2 | 6545 | 77.682  | 6506.1588 | 6583.8412 | ≤320 | PASS |
|             | Ant1 | 6705 | 77.842  | 6666.1588 | 6744.0010 | ≤320 | PASS |
|             | Ant2 | 6705 | 78.002  | 6666.1588 | 6744.1608 | ≤320 | PASS |
|             | Ant1 | 6865 | 78.162  | 6825.9990 | 6904.1608 | ≤320 | PASS |
|             | Ant2 | 6865 | 78.162  | 6825.9990 | 6904.1608 | ≤320 | PASS |
|             | Ant1 | 6945 | 78.162  | 6905.9990 | 6984.1608 | ≤320 | PASS |
|             | Ant2 | 6945 | 77.842  | 6905.9990 | 6983.8412 | ≤320 | PASS |
|             | Ant1 | 7025 | 77.842  | 6986.1588 | 7064.0010 | ≤320 | PASS |
|             | Ant2 | 7025 | 77.682  | 6986.1588 | 7063.8412 | ≤320 | PASS |
| 11AX160MIMO | Ant1 | 6025 | 158.881 | 5945.7193 | 6104.6004 | ≤320 | PASS |
|             | Ant2 | 6025 | 158.561 | 5945.7193 | 6104.2807 | ≤320 | PASS |
|             | Ant1 | 6185 | 159.201 | 6105.3996 | 6264.6004 | ≤320 | PASS |
|             | Ant2 | 6185 | 158.561 | 6105.7193 | 6264.2807 | ≤320 | PASS |
|             | Ant1 | 6345 | 159.201 | 6265.3996 | 6424.6004 | ≤320 | PASS |
|             | Ant2 | 6345 | 158.242 | 6266.0390 | 6424.2807 | ≤320 | PASS |
|             | Ant1 | 6505 | 159.84  | 6425.3996 | 6585.2398 | ≤320 | PASS |
|             | Ant2 | 6505 | 158.561 | 6426.0390 | 6584.6004 | ≤320 | PASS |
|             | Ant1 | 6665 | 159.201 | 6585.7193 | 6744.9201 | ≤320 | PASS |
|             | Ant2 | 6665 | 158.881 | 6585.7193 | 6744.6004 | ≤320 | PASS |
|             | Ant1 | 6825 | 159.84  | 6745.3996 | 6905.2398 | ≤320 | PASS |
|             | Ant2 | 6825 | 159.84  | 6745.3996 | 6905.2398 | ≤320 | PASS |
|             | Ant1 | 6985 | 159.52  | 6905.0799 | 7064.6004 | ≤320 | PASS |
|             | Ant2 | 6985 | 159.52  | 6905.0799 | 7064.6004 | ≤320 | PASS |

## 5.6 In-Band Mask

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

1. Connect the output of the antenna port to a spectrum analyzer or EMI receiver with appropriate attenuation to avoid damaging the instrumentation.

2. Set the reference level of the measuring equipment by procedure 4.1.5.2 of ANSI C63.10-2020/Cor1-2023.

3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2020/Cor1-2023.  
(This will be used to determine the channel edge.)

4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:

- Set the span to encompass the entire 26 dB EBW of the signal.
- Set RBW = same RBW used for 26 dB EBW measurement.
- Set VBW  $\geq 3 \times$  RBW
- Number of points in sweep  $\geq [2 \times \text{span} / \text{RBW}]$ .
- Sweep time = auto.
- Detector = RMS (i.e., power averaging)
- Trace average at least 100 traces in power averaging (rms) mode.
- Use the peak search function on the instrument to find the spectrum's peak.

5. To develop the emission mask, the channel bandwidth is defined as 26 dB Equivalent Bandwidth (EBW) or 99% of the occupied bandwidth.

6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

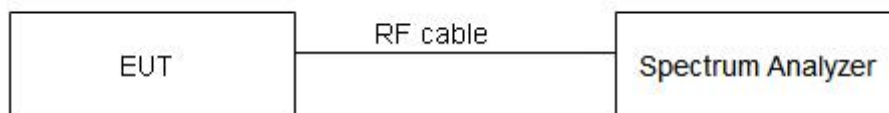
- Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is the 26-dB point on either side of the carrier center frequency).
  - Suppressed by 28 dB at one channel bandwidth from the channel center.
  - Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.

10. Adjust the reference level as necessary so that the channel's crest touches the top of the emission mask.

### Limits:

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

### Test Setup:



### Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.75\text{dB}$ .

## Test Results:

| TestMode   | Antenna | Channel | Result         | Limit          | Verdict |
|------------|---------|---------|----------------|----------------|---------|
| 11AX20MIMO | Ant1    | 5955    | See test graph | See test graph | PASS    |
|            | Ant2    | 5955    | See test graph | See test graph | PASS    |
|            | Ant1    | 6175    | See test graph | See test graph | PASS    |
|            | Ant2    | 6175    | See test graph | See test graph | PASS    |
|            | Ant1    | 6415    | See test graph | See test graph | PASS    |
|            | Ant2    | 6415    | See test graph | See test graph | PASS    |
|            | Ant1    | 6435    | See test graph | See test graph | PASS    |
|            | Ant2    | 6435    | See test graph | See test graph | PASS    |
|            | Ant1    | 6475    | See test graph | See test graph | PASS    |
|            | Ant2    | 6475    | See test graph | See test graph | PASS    |
|            | Ant1    | 6515    | See test graph | See test graph | PASS    |
|            | Ant2    | 6515    | See test graph | See test graph | PASS    |
|            | Ant1    | 6535    | See test graph | See test graph | PASS    |
|            | Ant2    | 6535    | See test graph | See test graph | PASS    |
|            | Ant1    | 6695    | See test graph | See test graph | PASS    |
|            | Ant2    | 6695    | See test graph | See test graph | PASS    |
|            | Ant1    | 6855    | See test graph | See test graph | PASS    |
|            | Ant2    | 6855    | See test graph | See test graph | PASS    |
|            | Ant1    | 6875    | See test graph | See test graph | PASS    |
|            | Ant2    | 6875    | See test graph | See test graph | PASS    |
|            | Ant1    | 6995    | See test graph | See test graph | PASS    |
|            | Ant2    | 6995    | See test graph | See test graph | PASS    |
|            | Ant1    | 7115    | See test graph | See test graph | PASS    |
|            | Ant2    | 7115    | See test graph | See test graph | PASS    |
| 11AX40MIMO | Ant1    | 5965    | See test graph | See test graph | PASS    |
|            | Ant2    | 5965    | See test graph | See test graph | PASS    |
|            | Ant1    | 6165    | See test graph | See test graph | PASS    |
|            | Ant2    | 6165    | See test graph | See test graph | PASS    |
|            | Ant1    | 6405    | See test graph | See test graph | PASS    |
|            | Ant2    | 6405    | See test graph | See test graph | PASS    |
|            | Ant1    | 6445    | See test graph | See test graph | PASS    |
|            | Ant2    | 6445    | See test graph | See test graph | PASS    |
|            | Ant1    | 6485    | See test graph | See test graph | PASS    |
|            | Ant2    | 6485    | See test graph | See test graph | PASS    |
|            | Ant1    | 6525    | See test graph | See test graph | PASS    |
|            | Ant2    | 6525    | See test graph | See test graph | PASS    |
|            | Ant1    | 6565    | See test graph | See test graph | PASS    |
|            | Ant2    | 6565    | See test graph | See test graph | PASS    |
|            | Ant1    | 6685    | See test graph | See test graph | PASS    |
|            | Ant2    | 6685    | See test graph | See test graph | PASS    |
|            | Ant1    | 6845    | See test graph | See test graph | PASS    |
|            | Ant2    | 6845    | See test graph | See test graph | PASS    |
|            | Ant1    | 6885    | See test graph | See test graph | PASS    |
|            | Ant2    | 6885    | See test graph | See test graph | PASS    |
|            | Ant1    | 6965    | See test graph | See test graph | PASS    |
|            | Ant2    | 6965    | See test graph | See test graph | PASS    |
|            | Ant1    | 7085    | See test graph | See test graph | PASS    |
|            | Ant2    | 7085    | See test graph | See test graph | PASS    |
| 11AX80MIMO | Ant1    | 5985    | See test graph | See test graph | PASS    |
|            | Ant2    | 5985    | See test graph | See test graph | PASS    |
|            | Ant1    | 6145    | See test graph | See test graph | PASS    |
|            | Ant2    | 6145    | See test graph | See test graph | PASS    |
|            | Ant1    | 6385    | See test graph | See test graph | PASS    |
|            | Ant2    | 6385    | See test graph | See test graph | PASS    |
|            | Ant1    | 6465    | See test graph | See test graph | PASS    |
|            | Ant2    | 6465    | See test graph | See test graph | PASS    |
|            | Ant1    | 6545    | See test graph | See test graph | PASS    |
|            | Ant2    | 6545    | See test graph | See test graph | PASS    |
|            | Ant1    | 6705    | See test graph | See test graph | PASS    |
|            | Ant2    | 6705    | See test graph | See test graph | PASS    |

|             |      |      |                |                |      |
|-------------|------|------|----------------|----------------|------|
|             | Ant1 | 6865 | See test graph | See test graph | PASS |
|             | Ant2 | 6865 | See test graph | See test graph | PASS |
|             | Ant1 | 6945 | See test graph | See test graph | PASS |
|             | Ant2 | 6945 | See test graph | See test graph | PASS |
|             | Ant1 | 7025 | See test graph | See test graph | PASS |
|             | Ant2 | 7025 | See test graph | See test graph | PASS |
| 11AX160MIMO | Ant1 | 6025 | See test graph | See test graph | PASS |
|             | Ant2 | 6025 | See test graph | See test graph | PASS |
|             | Ant1 | 6185 | See test graph | See test graph | PASS |
|             | Ant2 | 6185 | See test graph | See test graph | PASS |
|             | Ant1 | 6345 | See test graph | See test graph | PASS |
|             | Ant2 | 6345 | See test graph | See test graph | PASS |
|             | Ant1 | 6505 | See test graph | See test graph | PASS |
|             | Ant2 | 6505 | See test graph | See test graph | PASS |
|             | Ant1 | 6665 | See test graph | See test graph | PASS |
|             | Ant2 | 6665 | See test graph | See test graph | PASS |
|             | Ant1 | 6825 | See test graph | See test graph | PASS |
|             | Ant2 | 6825 | See test graph | See test graph | PASS |
|             | Ant1 | 6985 | See test graph | See test graph | PASS |
|             | Ant2 | 6985 | See test graph | See test graph | PASS |

## 5.7 Frequency Stability

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

#### 1. Frequency stability with respect to ambient temperature

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

g) Measure the frequency at each of frequencies specified in 5.6.

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more than 10 C, and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.

#### 2. Frequency stability when varying supply voltage

Unless otherwise specified, these tests shall be made at ambient room temperature (+15 °C to +25 °C). An antenna shall be connected to the antenna output terminals of the EUT if possible. If the EUT is equipped with or uses an adjustable-length antenna, then it shall be fully extended.

a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

b) Tune the EUT to one of the number of frequencies required in 5.6. Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

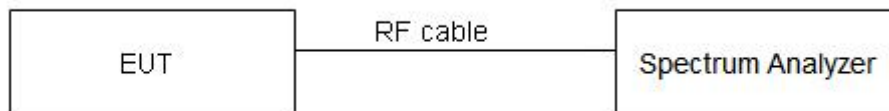
c) Measure the frequency at each of the frequencies specified in 5.6.

d) Repeat the above procedure at 85% and 115% of the nominal supply voltage.

### Limits:

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

### Test Setup:



### Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 936$  Hz.

## Test Results:

| TestMode   | Antenna | Channel | Voltage       |                  |                |                 |             | Verdict |
|------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
|            |         |         | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) |         |
| 11AX20MIMO | Ant1    | 5955    | NV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            | Ant2    | 5955    | NV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.358522       | 20          | PASS    |
|            | Ant1    | 6175    | HV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            |         |         | NV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            | Ant2    | 6175    | HV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            |         |         | NV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.238866       | 20          | PASS    |
|            | Ant1    | 6415    | NV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            | Ant2    | 6415    | NV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.117693       | 20          | PASS    |
|            | Ant1    | 6435    | HV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            |         |         | NV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            | Ant2    | 6435    | HV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            |         |         | NV            | NT               | -20000.00      | -3.108003       | 20          | PASS    |
|            | Ant1    | 6475    | NV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            | Ant2    | 6475    | NV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.088803       | 20          | PASS    |
|            | Ant1    | 6515    | NV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            | Ant2    | 6515    | NV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.069839       | 20          | PASS    |
|            | Ant1    | 6535    | NV            | NT               | -20000.00      | -3.060444       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.060444       | 20          | PASS    |
|            |         |         | HV            | NT               | -40000.00      | -6.120888       | 20          | PASS    |
|            | Ant2    | 6535    | NV            | NT               | -20000.00      | -3.060444       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -3.060444       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -3.060444       | 20          | PASS    |
|            | Ant1    | 6695    | HV            | NT               | -20000.00      | -2.987304       | 20          | PASS    |
|            |         |         | NV            | NT               | -20000.00      | -2.987304       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -2.987304       | 20          | PASS    |
|            | Ant2    | 6695    | HV            | NT               | -20000.00      | -2.987304       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -2.987304       | 20          | PASS    |
|            |         |         | NV            | NT               | -40000.00      | -5.974608       | 20          | PASS    |
|            | Ant1    | 6855    | NV            | NT               | -40000.00      | -5.835157       | 20          | PASS    |
|            |         |         | LV            | NT               | -40000.00      | -5.835157       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -2.917578       | 20          | PASS    |
|            | Ant2    | 6855    | NV            | NT               | -20000.00      | -2.917578       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -2.917578       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -2.917578       | 20          | PASS    |
|            | Ant1    | 6875    | NV            | NT               | -20000.00      | -2.909091       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -2.909091       | 20          | PASS    |
|            |         |         | HV            | NT               | -20000.00      | -2.909091       | 20          | PASS    |
|            | Ant2    | 6875    | NV            | NT               | -20000.00      | -2.909091       | 20          | PASS    |
|            |         |         | LV            | NT               | -20000.00      | -2.909091       | 20          | PASS    |

|            |      |      |    |    |           |           |    |      |
|------------|------|------|----|----|-----------|-----------|----|------|
|            | Ant1 | 6995 | HV | NT | -20000.00 | -2.909091 | 20 | PASS |
|            |      |      | NV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            |      |      | LV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            |      |      | HV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            | Ant2 | 6995 | NV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            |      |      | LV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            |      |      | HV | NT | -20000.00 | -2.859185 | 20 | PASS |
|            | Ant1 | 7115 | NV | NT | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | LV | NT | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | HV | NT | -20000.00 | -2.810963 | 20 | PASS |
|            | Ant2 | 7115 | NV | NT | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | HV | NT | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | LV | NT | -20000.00 | -2.810963 | 20 | PASS |
| 11AX40MIMO | Ant1 | 5965 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 5965 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.705784 | 20 | PASS |
|            | Ant1 | 6165 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | -40000.00 | -6.488240 | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 6165 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.488240 | 20 | PASS |
|            | Ant1 | 6405 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.245121 | 20 | PASS |
|            | Ant2 | 6405 | NV | NT | -40000.00 | -6.245121 | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.245121 | 20 | PASS |
|            | Ant1 | 6445 | NV | NT | -40000.00 | -6.206362 | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.206362 | 20 | PASS |
|            | Ant2 | 6445 | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6485 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 6485 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6525 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | -40000.00 | -6.130268 | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.130268 | 20 | PASS |
|            | Ant2 | 6525 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.130268 | 20 | PASS |
|            | Ant1 | 6565 | NV | NT | -40000.00 | -6.092917 | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -6.092917 | 20 | PASS |
|            | Ant2 | 6565 | NV | NT | -40000.00 | -6.092917 | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6685 | NV | NT | -40000.00 | -5.983545 | 20 | PASS |
|            |      |      | LV | NT | -40000.00 | -5.983545 | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 6685 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6845 | NV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.843682 | 20 | PASS |

|            |      |      |    |    |           |            |    |      |
|------------|------|------|----|----|-----------|------------|----|------|
|            | Ant2 | 6845 | NV | NT | -40000.00 | -5.843682  | 20 | PASS |
|            |      |      | LV | NT | -40000.00 | -5.843682  | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.843682  | 20 | PASS |
|            | Ant1 | 6885 | NV | NT | -40000.00 | -5.809731  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.809731  | 20 | PASS |
|            | Ant2 | 6885 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.809731  | 20 | PASS |
|            | Ant1 | 6965 | NV | NT | -40000.00 | -5.743001  | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.743001  | 20 | PASS |
|            | Ant2 | 6965 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | LV | NT | -40000.00 | -5.743001  | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|            | Ant1 | 7085 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|            | Ant2 | 7085 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | HV | NT | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | NT | -40000.00 | -5.645730  | 20 | PASS |
| 11AX80MIMO | Ant1 | 5985 | NV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            | Ant2 | 5985 | NV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -13.366750 | 20 | PASS |
|            | Ant1 | 6145 | NV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            | Ant2 | 6145 | LV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | NV | NT | -80000.00 | -13.018714 | 20 | PASS |
|            | Ant1 | 6385 | LV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            |      |      | NV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            | Ant2 | 6385 | NV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.529366 | 20 | PASS |
|            | Ant1 | 6465 | NV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            | Ant2 | 6465 | LV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            |      |      | NV | NT | -80000.00 | -12.374323 | 20 | PASS |
|            | Ant1 | 6545 | NV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            | Ant2 | 6545 | NV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -12.223071 | 20 | PASS |
|            | Ant1 | 6705 | NV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            | Ant2 | 6705 | LV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            |      |      | NV | NT | -80000.00 | -11.931394 | 20 | PASS |
|            | Ant1 | 6865 | LV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            |      |      | NV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            | Ant2 | 6865 | NV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            |      |      | LV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            |      |      | HV | NT | -80000.00 | -11.653314 | 20 | PASS |
|            | Ant1 | 6945 | NV | NT | -80000.00 | -11.519078 | 20 | PASS |

|  |      |      |    |    |           |            |    |      |
|--|------|------|----|----|-----------|------------|----|------|
|  | Ant2 | 6945 | LV | NT | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | HV | NT | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | HV | NT | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | NT | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | LV | NT | -80000.00 | -11.519078 | 20 | PASS |
|  | Ant1 | 7025 | NV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  |      |      | LV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  |      |      | HV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  | Ant2 | 7025 | HV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  |      |      | NV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  |      |      | LV | NT | -80000.00 | -11.387900 | 20 | PASS |
|  | Ant1 | 6025 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6025 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6185 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6185 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6345 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6345 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6505 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6505 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6665 | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6665 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6825 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6825 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 6985 | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  | Ant2 | 6985 | HV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | NT | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | LV | NT | 0.00      | 0.000000   | 20 | PASS |

| Temperature |         |         |               |                  |                |                 |             |         |
|-------------|---------|---------|---------------|------------------|----------------|-----------------|-------------|---------|
| TestMode    | Antenna | Channel | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 11AX20MIMO  | Ant1    | 5955    | NV            | 50               | -20000.00      | -3.358522       | 20          | PASS    |
|             |         |         | NV            | 40               | -20000.00      | -3.358522       | 20          | PASS    |
|             |         |         | NV            | 30               | -20000.00      | -3.358522       | 20          | PASS    |
|             |         |         | NV            | 20               | -20000.00      | -3.358522       | 20          | PASS    |
|             |         |         | NV            | 10               | -20000.00      | -3.358522       | 20          | PASS    |

|      |      |  |    |     |           |           |    |      |
|------|------|--|----|-----|-----------|-----------|----|------|
|      |      |  | NV | 0   | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.358522 | 20 | PASS |
| Ant2 | 5955 |  | NV | 50  | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.358522 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.358522 | 20 | PASS |
| Ant1 | 6175 |  | NV | 50  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.238866 | 20 | PASS |
| Ant2 | 6175 |  | NV | 50  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.238866 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.238866 | 20 | PASS |
| Ant1 | 6415 |  | NV | 50  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.117693 | 20 | PASS |
| Ant2 | 6415 |  | NV | 50  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -20 | -20000.00 | -3.117693 | 20 | PASS |
|      |      |  | NV | -30 | -20000.00 | -3.117693 | 20 | PASS |
| Ant1 | 6435 |  | NV | 50  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | -10 | -20000.00 | -3.108003 | 20 | PASS |
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|      |      |  | NV | -30 | -20000.00 | -3.108003 | 20 | PASS |
| Ant2 | 6435 |  | NV | 50  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 40  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 30  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 20  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 10  | -20000.00 | -3.108003 | 20 | PASS |
|      |      |  | NV | 0   | -20000.00 | -3.108003 | 20 | PASS |

|  |      |      |    |     |           |           |    |      |
|--|------|------|----|-----|-----------|-----------|----|------|
|  |      |      | NV | -10 | -20000.00 | -3.108003 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.108003 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.108003 | 20 | PASS |
|  | Ant1 | 6475 | NV | 50  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.088803 | 20 | PASS |
|  | Ant2 | 6475 | NV | 50  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.088803 | 20 | PASS |
|  |      |      | NV | -20 | -40000.00 | -6.177606 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.088803 | 20 | PASS |
|  | Ant1 | 6515 | NV | 50  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.069839 | 20 | PASS |
|  | Ant2 | 6515 | NV | 50  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.069839 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.069839 | 20 | PASS |
|  | Ant1 | 6535 | NV | 50  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.060444 | 20 | PASS |
|  | Ant2 | 6535 | NV | 50  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -3.060444 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -3.060444 | 20 | PASS |
|  | Ant1 | 6695 | NV | 50  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 30  | -40000.00 | -5.974608 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.987304 | 20 | PASS |

|  |      |      |    |     |           |           |    |      |
|--|------|------|----|-----|-----------|-----------|----|------|
|  |      |      | NV | -20 | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -2.987304 | 20 | PASS |
|  | Ant2 | 6695 | NV | 50  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.987304 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -2.987304 | 20 | PASS |
|  | Ant1 | 6855 | NV | 50  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -5.835157 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | -30 | -20000.00 | -2.917578 | 20 | PASS |
|  | Ant2 | 6855 | NV | 50  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 30  | -40000.00 | -5.835157 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.917578 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.917578 | 20 | PASS |
|  | Ant1 | 6875 | NV | 50  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.909091 | 20 | PASS |
|  | Ant2 | 6875 | NV | 50  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 40  | -40000.00 | -5.818182 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.909091 | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -5.818182 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.909091 | 20 | PASS |
|  | Ant1 | 6995 | NV | 50  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | -20 | -40000.00 | -5.718370 | 20 | PASS |
|  | Ant2 | 6995 | NV | 50  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 40  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 30  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 20  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 10  | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | 0   | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | -10 | -20000.00 | -2.859185 | 20 | PASS |
|  |      |      | NV | -20 | -20000.00 | -2.859185 | 20 | PASS |

|            |      |      |    |     |           |           |    |      |
|------------|------|------|----|-----|-----------|-----------|----|------|
|            | Ant1 | 7115 | NV | -30 | -20000.00 | -2.859185 | 20 | PASS |
|            |      |      | NV | 50  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 40  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 30  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 20  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 10  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 0   | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | -10 | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | -20 | -20000.00 | -2.810963 | 20 | PASS |
|            | Ant2 | 7115 | NV | -30 | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 50  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 40  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 30  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 20  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 10  | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 0   | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | -10 | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | -20 | -20000.00 | -2.810963 | 20 | PASS |
| 11AX40MIMO | Ant1 | 5965 | NV | -30 | -20000.00 | -2.810963 | 20 | PASS |
|            |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 30  | -40000.00 | -6.705784 | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 0   | -40000.00 | -6.705784 | 20 | PASS |
|            |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 5965 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -10 | -40000.00 | -6.705784 | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6165 | NV | -30 | -40000.00 | -6.705784 | 20 | PASS |
|            |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 0   | -40000.00 | -6.488240 | 20 | PASS |
|            |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|            | Ant2 | 6165 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 20  | -40000.00 | -6.488240 | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 0   | -40000.00 | -6.488240 | 20 | PASS |
|            |      |      | NV | -10 | -40000.00 | -6.488240 | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|            | Ant1 | 6405 | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 20  | -40000.00 | -6.245121 | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|            |      |      | NV | -30 | -40000.00 | -6.245121 | 20 | PASS |

|  |      |      |    |     |           |           |    |      |
|--|------|------|----|-----|-----------|-----------|----|------|
|  | Ant2 | 6405 | NV | 50  | -40000.00 | -6.245121 | 20 | PASS |
|  |      |      | NV | 40  | -40000.00 | -6.245121 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -6.245121 | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant1 | 6445 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -6.206362 | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6445 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -6.206362 | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant1 | 6485 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6485 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | -40000.00 | -6.168080 | 20 | PASS |
|  |      |      | NV | -30 | -40000.00 | -6.168080 | 20 | PASS |
|  | Ant1 | 6525 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | -40000.00 | -6.092917 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6525 | NV | 50  | -40000.00 | -6.092917 | 20 | PASS |
|  |      |      | NV | 40  | -40000.00 | -6.092917 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -6.092917 | 20 | PASS |
|  |      |      | NV | -20 | -40000.00 | -6.092917 | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant1 | 6565 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |

|  |      |      |    |     |           |           |    |      |
|--|------|------|----|-----|-----------|-----------|----|------|
|  |      |      | NV | 40  | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | -40000.00 | -5.983545 | 20 | PASS |
|  | Ant2 | 6565 | NV | 50  | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | 40  | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -5.983545 | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | -40000.00 | -5.983545 | 20 | PASS |
|  | Ant1 | 6685 | NV | 50  | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | 20  | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6685 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | -40000.00 | -5.843682 | 20 | PASS |
|  |      |      | NV | -30 | -40000.00 | -5.843682 | 20 | PASS |
|  | Ant1 | 6845 | NV | 50  | -40000.00 | -5.809731 | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6845 | NV | 50  | -40000.00 | -5.809731 | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 0   | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -10 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | -40000.00 | -5.809731 | 20 | PASS |
|  | Ant1 | 6885 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 10  | -40000.00 | -5.776173 | 20 | PASS |
|  |      |      | NV | 0   | -40000.00 | -5.776173 | 20 | PASS |
|  |      |      | NV | -10 | -40000.00 | -5.776173 | 20 | PASS |
|  |      |      | NV | -20 | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | -30 | 0.00      | 0.000000  | 20 | PASS |
|  | Ant2 | 6885 | NV | 50  | 0.00      | 0.000000  | 20 | PASS |
|  |      |      | NV | 40  | 0.00      | 0.000000  | 20 | PASS |

|            |      |      |    |     |           |            |    |      |
|------------|------|------|----|-----|-----------|------------|----|------|
| 11AX80MIMO |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 10  | -40000.00 | -5.776173  | 20 | PASS |
|            |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -10 | -40000.00 | -5.776173  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|            | Ant1 | 6965 | NV | 50  | -40000.00 | -5.743001  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -10 | -40000.00 | -5.743001  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|            | Ant2 | 6965 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 10  | -40000.00 | -5.743001  | 20 | PASS |
|            |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|            | Ant1 | 7085 | NV | 50  | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 20  | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 0   | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -20 | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | -30 | -40000.00 | -5.645730  | 20 | PASS |
|            | Ant2 | 7085 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 40  | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | 30  | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | 20  | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | 0   | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | -10 | -40000.00 | -5.645730  | 20 | PASS |
|            |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|            |      |      | NV | -30 | -40000.00 | -5.645730  | 20 | PASS |
| 11AX80MIMO | Ant1 | 5985 | NV | 50  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 40  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 30  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 20  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 10  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 0   | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -10 | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -20 | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -30 | -80000.00 | -13.366750 | 20 | PASS |
|            | Ant2 | 5985 | NV | 50  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 40  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 30  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 20  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 10  | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | 0   | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -10 | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -20 | -80000.00 | -13.366750 | 20 | PASS |
|            |      |      | NV | -30 | -80000.00 | -13.366750 | 20 | PASS |
|            | Ant1 | 6145 | NV | 50  | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | NV | 40  | -80000.00 | -13.018714 | 20 | PASS |
|            |      |      | NV | 30  | -80000.00 | -13.018714 | 20 | PASS |

|  |      |      |    |     |           |            |    |      |
|--|------|------|----|-----|-----------|------------|----|------|
|  |      |      | NV | 20  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -13.018714 | 20 | PASS |
|  | Ant2 | 6145 | NV | 50  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -13.018714 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -13.018714 | 20 | PASS |
|  | Ant1 | 6385 | NV | 50  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.529366 | 20 | PASS |
|  | Ant2 | 6385 | NV | 50  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.529366 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.529366 | 20 | PASS |
|  | Ant1 | 6465 | NV | 50  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.374323 | 20 | PASS |
|  | Ant2 | 6465 | NV | 50  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.374323 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.374323 | 20 | PASS |
|  | Ant1 | 6545 | NV | 50  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.223071 | 20 | PASS |
|  | Ant2 | 6545 | NV | 50  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -12.223071 | 20 | PASS |

|  |      |      |    |     |           |            |    |      |
|--|------|------|----|-----|-----------|------------|----|------|
|  |      |      | NV | 10  | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -12.223071 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -12.223071 | 20 | PASS |
|  | Ant1 | 6705 | NV | 50  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 40  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 50  | -80000.00 | -11.931394 | 20 | PASS |
|  | Ant2 | 6705 | NV | 40  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.931394 | 20 | PASS |
|  |      |      | NV | 50  | -80000.00 | -11.653314 | 20 | PASS |
|  | Ant1 | 6865 | NV | 40  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 50  | -80000.00 | -11.653314 | 20 | PASS |
|  | Ant2 | 6865 | NV | 40  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.653314 | 20 | PASS |
|  |      |      | NV | 50  | -80000.00 | -11.519078 | 20 | PASS |
|  | Ant1 | 6945 | NV | 40  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 50  | -80000.00 | -11.519078 | 20 | PASS |
|  | Ant2 | 6945 | NV | 40  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 30  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 20  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 0   | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -10 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -20 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | -30 | -80000.00 | -11.519078 | 20 | PASS |
|  |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|  | Ant1 | 7025 | NV | 40  | -80000.00 | -11.387900 | 20 | PASS |
|  |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|  |      |      | NV | 10  | -80000.00 | -11.387900 | 20 | PASS |

|             |      |      |    |     |           |            |    |      |
|-------------|------|------|----|-----|-----------|------------|----|------|
|             |      |      | NV | 0   | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -10 | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -20 | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -30 | -80000.00 | -11.387900 | 20 | PASS |
|             | Ant2 | 7025 | NV | 50  | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 40  | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 30  | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 20  | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 10  | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 0   | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -10 | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -20 | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | -30 | -80000.00 | -11.387900 | 20 | PASS |
|             |      |      | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
| 11AX160MIMO | Ant1 | 6025 | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|             | Ant2 | 6025 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|             | Ant1 | 6185 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|             | Ant2 | 6185 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|             | Ant1 | 6345 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -10 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -20 | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | -30 | 0.00      | 0.000000   | 20 | PASS |
|             | Ant2 | 6345 | NV | 50  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 40  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 30  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 20  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 10  | 0.00      | 0.000000   | 20 | PASS |
|             |      |      | NV | 0   | 0.00      | 0.000000   | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant1 | 6505 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant2 | 6505 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant1 | 6665 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant2 | 6665 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant1 | 6825 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant2 | 6825 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant1 | 6985 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |

|  |      |      |    |     |      |          |    |      |
|--|------|------|----|-----|------|----------|----|------|
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |
|  | Ant2 | 6985 | NV | 50  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 40  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 30  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 20  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 10  | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | 0   | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -10 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -20 | 0.00 | 0.000000 | 20 | PASS |
|  |      |      | NV | -30 | 0.00 | 0.000000 | 20 | PASS |

## 5.8 Contention Based Protocol

Ambient condition:

| Temperature | Relative humidity | Pressure |
|-------------|-------------------|----------|
| 23°C ~25°C  | 45%~50%           | 101.2kPa |

### Method of Measurement:

#### a) Simulating Incumbent Signal

The incumbent signal is assumed to be noise-like. One example of such transmission could be Digital Video Broadcasting (DVB) systems that use Orthogonal Frequency Division Multiplexing (OFDM). Incumbent systems may also use different bandwidths for their transmissions. A 10 MHz-wide additive white Gaussian noise (AWGN) signal is selected to simulate and represent incumbent transmission.

#### b) Required number of tests

Incumbent and EUT (access point, subordinate, or client) signals may occupy different channel portions. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz-wide AWGN signal), the center frequency of the EUT signal may fall within the incumbent's occupied bandwidth (Figure 1. a), or outside of it (Figure 1. b).

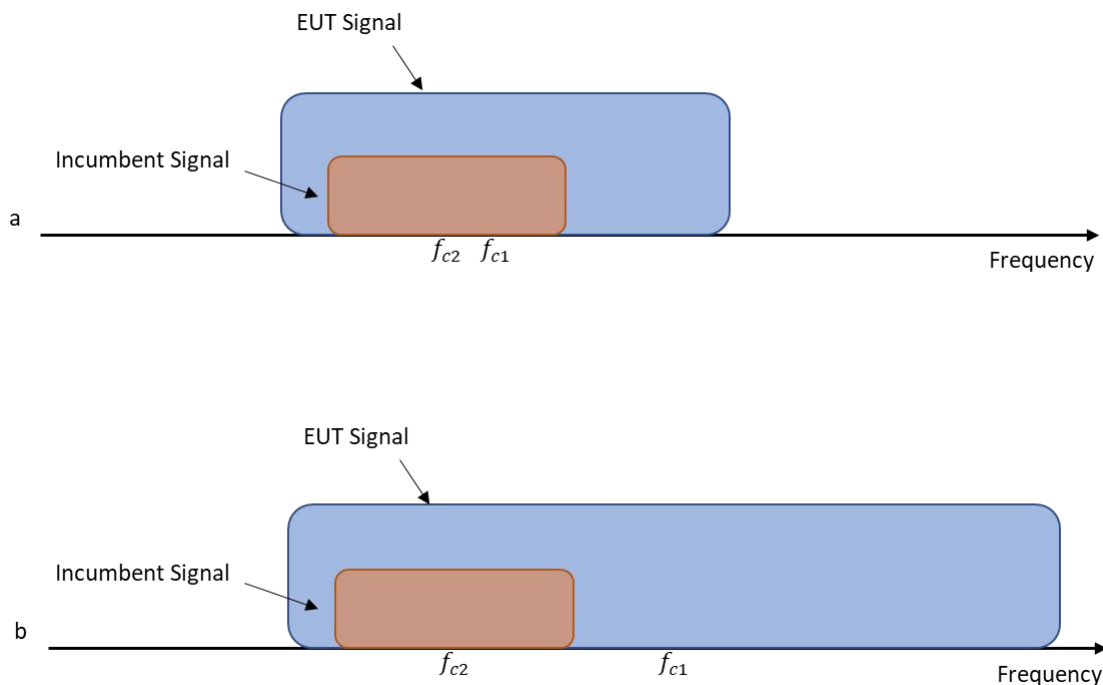


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within the incumbent's bandwidth, or b) outside of it

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency. ) tuned to different center frequencies within the EUT transmission bandwidth. The criteria specified in Table 1 determine how many times the detection threshold test must be performed.

Table 1. Criteria to determine the number of times detection threshold test may be performed

| If                                 | Number of Tests                                            | Placement of Incumbent Transmission                                                                                                                                                               |
|------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| $BW_{EUT} < BW_{Inc}$              | 1                                                          | Tune incumbent and EUT transmissions ( $f_{c1}=f_{c2}$ )                                                                                                                                          |
| $BW_{Inc} < BW_{EUT} < 2BW_{Inc}$  | 1                                                          | Incumbent transmission is contained within $BW_{EUT}$                                                                                                                                             |
| $2BW_{Inc} < BW_{EUT} < 4BW_{Inc}$ | 2 (Incumbent transmission is contained within $BW_{EUT}$ ) | Incumbent transmission is close to the EUT channel's lower and upper edges.                                                                                                                       |
| $BW_{EUT} > 4BW_{Inc}$             | 3                                                          | Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of the EUT channel, and as closely as possible to the upper edge of the EUT channel. |

Where:  
 $BW_{EUT}$  : Transmission bandwidth of EUT signal  
 $BW_{Inc}$  : Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)  
 $f_{c1}$ : The center frequency of EUT transmission  
 $f_{c2}$ : Center frequency of the simulated incumbent signal

#### c) Test Setup

The first step is configuring the EUT to transmit with a constant duty cycle to ensure it can detect co-channel energy.<sup>2</sup> A signal generator (or similar source) capable of generating band-limited additive white Gaussian noise (AWGN) is required to simulate an incumbent signal. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure 2) or a radiated method (Figure 3). Figure 2 shows the test setup conducted where a band-limited AWGN signal was generated at a shallow power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased. At the same time, the EUT transmission is monitored on a signal analyzer <sup>2</sup> to verify if the EUT can sense the AWGN signal and subsequently cease its transmission. A triggered measurement, as shown in Figure 2, is optional and assists with determining the time it takes the EUT to stop transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, an AWGN signal source can be connected to the same antenna port.

#### d) Step-by-Step Procedure, Conducted Setup

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the EUT's operating parameters, including power level, operating frequency, modulation, and bandwidth.

3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The signal analyzer's span range shall be between two times and five times the EUT's OBW. Connect the EUT's output port to signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to prevent the signal analyzer two receiver overloading.

4. Monitor signal analyzer two and verify that the EUT operates and transmits with the parameters set in step 2.

5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.

6. Set the AWGN signal power to a shallow level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source via a 3-dB splitter to signal analyzer one and the EUT, as shown in Figure 2.

7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

8. Monitor signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, incrementally increase the AWGN signal power level until it stops transmitting.

9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least ten times to verify the EUT can detect an AWGN signal with a 90% (or better) level of certainty.

10. Refer to Table 1 to determine the number of times the detection threshold testing needs to be repeated. If testing is required more than once, go back to step 5, choose a different center frequency for the AWGN signal, and repeat the process.

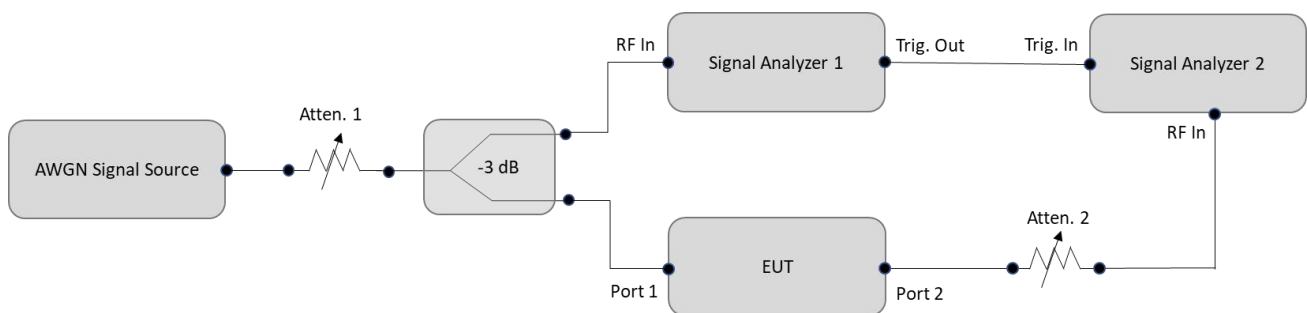


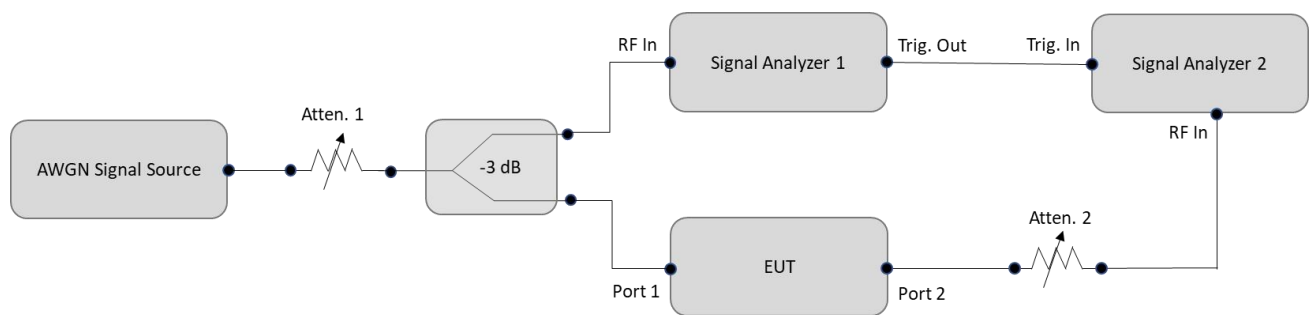
Figure 2. Contention-based protocol test setup conducted method

## Limits:

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission. Unlicensed

low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)<sup>1</sup>. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz-wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

### Test Setup:



### Measurement Uncertainty:

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.75\text{dB}$ .

## Test Results:

| TestMode    | Antenna | Channel | Frequency [MHz] | Reading [dBm] | Limit [dBm] | Verdict |
|-------------|---------|---------|-----------------|---------------|-------------|---------|
| 11AX20MIMO  | Ant1    | 6175    | 6175            | -62.34        | -62         | PASS    |
|             | Ant1    | 6475    | 6475            | -62.24        | -62         | PASS    |
|             | Ant1    | 6695    | 6695            | -62.32        | -62         | PASS    |
|             | Ant1    | 6995    | 6995            | -62.33        | -62         | PASS    |
| 11AX80MIMO  | Ant1    | 6145    | 6110            | -62.98        | -62         | PASS    |
|             | Ant1    |         | 6145            | -63.33        | -62         | PASS    |
|             | Ant1    |         | 6180            | -63.17        | -62         | PASS    |
|             | Ant1    | 6465    | 6430            | -62.60        | -62         | PASS    |
|             | Ant1    |         | 6465            | -62.28        | -62         | PASS    |
|             | Ant1    |         | 6500            | -62.40        | -62         | PASS    |
|             | Ant1    | 6705    | 6670            | -62.58        | -62         | PASS    |
|             | Ant1    |         | 6705            | -62.46        | -62         | PASS    |
|             | Ant1    |         | 6740            | -62.25        | -62         | PASS    |
|             | Ant1    | 6945    | 6910            | -62.90        | -62         | PASS    |
|             | Ant1    |         | 6945            | -62.67        | -62         | PASS    |
|             | Ant1    |         | 6980            | -63.42        | -62         | PASS    |
| 11AX160MIMO | Ant1    | 6185    | 6110            | -62.98        | -62         | PASS    |
|             | Ant1    |         | 6185            | -63.37        | -62         | PASS    |
|             | Ant1    |         | 6260            | -62.98        | -62         | PASS    |
|             | Ant1    | 6505    | 6430            | -62.60        | -62         | PASS    |
|             | Ant1    |         | 6505            | -62.40        | -62         | PASS    |
|             | Ant1    |         | 6580            | -62.40        | -62         | PASS    |
|             | Ant1    | 6665    | 6590            | -63.17        | -62         | PASS    |
|             | Ant1    |         | 6665            | -62.28        | -62         | PASS    |
|             | Ant1    |         | 6740            | -62.25        | -62         | PASS    |
|             | Ant1    | 6985    | 6910            | -62.90        | -62         | PASS    |
|             | Ant1    |         | 6985            | -62.67        | -62         | PASS    |
|             | Ant1    |         | 7060            | -63.42        | -62         | PASS    |

| TestMode   | Antenna | Channel | Interference Frequency [MHz] |      | Test Time | Is Detected | Verdict |
|------------|---------|---------|------------------------------|------|-----------|-------------|---------|
| 11AX20MIMO | Ant1    | 6175    | Center                       | 6175 | 1         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 2         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 3         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 4         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 5         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 6         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 7         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 8         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 9         | Yes         | PASS    |
|            |         |         | Center                       | 6175 | 10        | Yes         | PASS    |
|            |         | 6475    | Center                       | 6475 | 1         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 2         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 3         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 4         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 5         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 6         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 7         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 8         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 9         | Yes         | PASS    |
|            |         |         | Center                       | 6475 | 10        | Yes         | PASS    |
|            |         | 6695    | Center                       | 6695 | 1         | Yes         | PASS    |
|            |         |         | Center                       | 6695 | 2         | Yes         | PASS    |
|            |         |         | Center                       | 6695 | 3         | Yes         | PASS    |
|            |         |         | Center                       | 6695 | 4         | Yes         | PASS    |
|            |         |         | Center                       | 6695 | 5         | Yes         | PASS    |

|            |      |      |        |      |    |     |      |
|------------|------|------|--------|------|----|-----|------|
|            |      |      | Center | 6695 | 6  | Yes | PASS |
|            |      |      | Center | 6695 | 7  | Yes | PASS |
|            |      |      | Center | 6695 | 8  | Yes | PASS |
|            |      |      | Center | 6695 | 9  | Yes | PASS |
|            |      |      | Center | 6695 | 10 | Yes | PASS |
|            |      | 6995 | Center | 6995 | 1  | Yes | PASS |
|            |      |      | Center | 6995 | 2  | Yes | PASS |
|            |      |      | Center | 6995 | 3  | Yes | PASS |
|            |      |      | Center | 6995 | 4  | Yes | PASS |
|            |      |      | Center | 6995 | 5  | Yes | PASS |
|            |      |      | Center | 6995 | 6  | Yes | PASS |
|            |      |      | Center | 6995 | 7  | Yes | PASS |
|            |      |      | Center | 6995 | 8  | Yes | PASS |
|            |      |      | Center | 6995 | 9  | Yes | PASS |
|            |      |      | Center | 6995 | 10 | Yes | PASS |
| 11AX80MIMO | Ant1 | 6145 | Low    | 6110 | 1  | Yes | PASS |
|            |      |      | Low    | 6110 | 2  | Yes | PASS |
|            |      |      | Low    | 6110 | 3  | Yes | PASS |
|            |      |      | Low    | 6110 | 4  | Yes | PASS |
|            |      |      | Low    | 6110 | 5  | Yes | PASS |
|            |      |      | Low    | 6110 | 6  | Yes | PASS |
|            |      |      | Low    | 6110 | 7  | Yes | PASS |
|            |      |      | Low    | 6110 | 8  | Yes | PASS |
|            |      |      | Low    | 6110 | 9  | Yes | PASS |
|            |      |      | Low    | 6110 | 10 | Yes | PASS |
|            |      |      | Center | 6145 | 1  | Yes | PASS |
|            |      |      | Center | 6145 | 2  | Yes | PASS |
|            |      |      | Center | 6145 | 3  | Yes | PASS |
|            |      |      | Center | 6145 | 4  | Yes | PASS |
|            |      |      | Center | 6145 | 5  | Yes | PASS |
|            |      |      | Center | 6145 | 6  | Yes | PASS |
|            |      |      | Center | 6145 | 7  | Yes | PASS |
|            |      |      | Center | 6145 | 8  | Yes | PASS |
|            |      |      | Center | 6145 | 9  | Yes | PASS |
|            |      |      | Center | 6145 | 10 | Yes | PASS |
|            |      |      | High   | 6180 | 1  | Yes | PASS |
|            |      |      | High   | 6180 | 2  | Yes | PASS |
|            |      |      | High   | 6180 | 3  | Yes | PASS |
|            |      |      | High   | 6180 | 4  | Yes | PASS |
|            |      |      | High   | 6180 | 5  | Yes | PASS |
|            |      |      | High   | 6180 | 6  | Yes | PASS |
|            |      |      | High   | 6180 | 7  | Yes | PASS |
|            |      |      | High   | 6180 | 8  | Yes | PASS |
|            |      |      | High   | 6180 | 9  | Yes | PASS |
|            |      |      | High   | 6180 | 10 | Yes | PASS |
|            |      | 6465 | Low    | 6430 | 1  | Yes | PASS |
|            |      |      | Low    | 6430 | 2  | Yes | PASS |
|            |      |      | Low    | 6430 | 3  | Yes | PASS |
|            |      |      | Low    | 6430 | 4  | Yes | PASS |
|            |      |      | Low    | 6430 | 5  | Yes | PASS |
|            |      |      | Low    | 6430 | 6  | Yes | PASS |
|            |      |      | Low    | 6430 | 7  | Yes | PASS |
|            |      |      | Low    | 6430 | 8  | Yes | PASS |
|            |      |      | Low    | 6430 | 9  | Yes | PASS |
|            |      |      | Low    | 6430 | 10 | Yes | PASS |
|            |      |      | Center | 6465 | 1  | Yes | PASS |
|            |      |      | Center | 6465 | 2  | Yes | PASS |
|            |      |      | Center | 6465 | 3  | Yes | PASS |
|            |      |      | Center | 6465 | 4  | Yes | PASS |
|            |      |      | Center | 6465 | 5  | Yes | PASS |
|            |      |      | Center | 6465 | 6  | Yes | PASS |
|            |      |      | Center | 6465 | 7  | Yes | PASS |
|            |      |      | Center | 6465 | 8  | Yes | PASS |

|  |  |      |        |      |    |     |      |
|--|--|------|--------|------|----|-----|------|
|  |  |      | Center | 6465 | 9  | Yes | PASS |
|  |  |      | Center | 6465 | 10 | Yes | PASS |
|  |  |      | High   | 6500 | 1  | Yes | PASS |
|  |  |      | High   | 6500 | 2  | Yes | PASS |
|  |  |      | High   | 6500 | 3  | Yes | PASS |
|  |  |      | High   | 6500 | 4  | Yes | PASS |
|  |  |      | High   | 6500 | 5  | Yes | PASS |
|  |  |      | High   | 6500 | 6  | Yes | PASS |
|  |  |      | High   | 6500 | 7  | Yes | PASS |
|  |  |      | High   | 6500 | 8  | Yes | PASS |
|  |  |      | High   | 6500 | 9  | Yes | PASS |
|  |  |      | High   | 6500 | 10 | Yes | PASS |
|  |  | 6705 | Low    | 6670 | 1  | Yes | PASS |
|  |  |      | Low    | 6670 | 2  | Yes | PASS |
|  |  |      | Low    | 6670 | 3  | Yes | PASS |
|  |  |      | Low    | 6670 | 4  | Yes | PASS |
|  |  |      | Low    | 6670 | 5  | Yes | PASS |
|  |  |      | Low    | 6670 | 6  | Yes | PASS |
|  |  |      | Low    | 6670 | 7  | Yes | PASS |
|  |  |      | Low    | 6670 | 8  | Yes | PASS |
|  |  |      | Low    | 6670 | 9  | Yes | PASS |
|  |  |      | Low    | 6670 | 10 | Yes | PASS |
|  |  |      | Center | 6705 | 1  | Yes | PASS |
|  |  |      | Center | 6705 | 2  | Yes | PASS |
|  |  |      | Center | 6705 | 3  | Yes | PASS |
|  |  |      | Center | 6705 | 4  | Yes | PASS |
|  |  |      | Center | 6705 | 5  | Yes | PASS |
|  |  |      | Center | 6705 | 6  | Yes | PASS |
|  |  |      | Center | 6705 | 7  | Yes | PASS |
|  |  |      | Center | 6705 | 8  | Yes | PASS |
|  |  |      | Center | 6705 | 9  | Yes | PASS |
|  |  |      | Center | 6705 | 10 | Yes | PASS |
|  |  |      | High   | 6740 | 1  | Yes | PASS |
|  |  |      | High   | 6740 | 2  | Yes | PASS |
|  |  |      | High   | 6740 | 3  | Yes | PASS |
|  |  |      | High   | 6740 | 4  | Yes | PASS |
|  |  |      | High   | 6740 | 5  | Yes | PASS |
|  |  |      | High   | 6740 | 6  | Yes | PASS |
|  |  |      | High   | 6740 | 7  | Yes | PASS |
|  |  |      | High   | 6740 | 8  | Yes | PASS |
|  |  |      | High   | 6740 | 9  | Yes | PASS |
|  |  |      | High   | 6740 | 10 | Yes | PASS |
|  |  | 6945 | Low    | 6910 | 1  | Yes | PASS |
|  |  |      | Low    | 6910 | 2  | Yes | PASS |
|  |  |      | Low    | 6910 | 3  | Yes | PASS |
|  |  |      | Low    | 6910 | 4  | Yes | PASS |
|  |  |      | Low    | 6910 | 5  | Yes | PASS |
|  |  |      | Low    | 6910 | 6  | Yes | PASS |
|  |  |      | Low    | 6910 | 7  | Yes | PASS |
|  |  |      | Low    | 6910 | 8  | Yes | PASS |
|  |  |      | Low    | 6910 | 9  | Yes | PASS |
|  |  |      | Low    | 6910 | 10 | Yes | PASS |
|  |  |      | Center | 6945 | 1  | Yes | PASS |
|  |  |      | Center | 6945 | 2  | Yes | PASS |
|  |  |      | Center | 6945 | 3  | Yes | PASS |
|  |  |      | Center | 6945 | 4  | Yes | PASS |
|  |  |      | Center | 6945 | 5  | Yes | PASS |
|  |  |      | Center | 6945 | 6  | Yes | PASS |
|  |  |      | Center | 6945 | 7  | Yes | PASS |
|  |  |      | Center | 6945 | 8  | Yes | PASS |
|  |  |      | Center | 6945 | 9  | Yes | PASS |
|  |  |      | Center | 6945 | 10 | Yes | PASS |
|  |  |      | High   | 6980 | 1  | Yes | PASS |
|  |  |      | High   | 6980 | 2  | Yes | PASS |

|             |      |      |        |      |    |     |      |
|-------------|------|------|--------|------|----|-----|------|
| 11AX160MIMO | Ant1 |      | High   | 6980 | 3  | Yes | PASS |
|             |      |      | High   | 6980 | 4  | Yes | PASS |
|             |      |      | High   | 6980 | 5  | Yes | PASS |
|             |      |      | High   | 6980 | 6  | Yes | PASS |
|             |      |      | High   | 6980 | 7  | Yes | PASS |
|             |      |      | High   | 6980 | 8  | Yes | PASS |
|             |      |      | High   | 6980 | 9  | Yes | PASS |
|             |      |      | High   | 6980 | 10 | Yes | PASS |
|             |      | 6185 | Low    | 6110 | 1  | Yes | PASS |
|             |      |      | Low    | 6110 | 2  | Yes | PASS |
|             |      |      | Low    | 6110 | 3  | Yes | PASS |
|             |      |      | Low    | 6110 | 4  | Yes | PASS |
|             |      |      | Low    | 6110 | 5  | Yes | PASS |
|             |      |      | Low    | 6110 | 6  | Yes | PASS |
|             |      |      | Low    | 6110 | 7  | Yes | PASS |
|             |      |      | Low    | 6110 | 8  | Yes | PASS |
|             |      |      | Low    | 6110 | 9  | Yes | PASS |
|             |      |      | Low    | 6110 | 10 | Yes | PASS |
|             |      |      | Center | 6185 | 1  | Yes | PASS |
|             |      |      | Center | 6185 | 2  | Yes | PASS |
|             |      |      | Center | 6185 | 3  | Yes | PASS |
|             |      |      | Center | 6185 | 4  | Yes | PASS |
|             |      |      | Center | 6185 | 5  | Yes | PASS |
|             |      |      | Center | 6185 | 6  | Yes | PASS |
|             |      |      | Center | 6185 | 7  | Yes | PASS |
|             |      |      | Center | 6185 | 8  | Yes | PASS |
|             |      |      | Center | 6185 | 9  | Yes | PASS |
|             |      |      | Center | 6185 | 10 | Yes | PASS |
|             |      |      | High   | 6260 | 1  | Yes | PASS |
|             |      |      | High   | 6260 | 2  | Yes | PASS |
|             |      |      | High   | 6260 | 3  | Yes | PASS |
|             |      |      | High   | 6260 | 4  | Yes | PASS |
|             |      |      | High   | 6260 | 5  | Yes | PASS |
|             |      |      | High   | 6260 | 6  | Yes | PASS |
|             |      |      | High   | 6260 | 7  | Yes | PASS |
|             |      |      | High   | 6260 | 8  | Yes | PASS |
|             |      |      | High   | 6260 | 9  | Yes | PASS |
|             |      |      | High   | 6260 | 10 | Yes | PASS |
|             |      | 6505 | Low    | 6430 | 1  | Yes | PASS |
|             |      |      | Low    | 6430 | 2  | Yes | PASS |
|             |      |      | Low    | 6430 | 3  | Yes | PASS |
|             |      |      | Low    | 6430 | 4  | Yes | PASS |
|             |      |      | Low    | 6430 | 5  | Yes | PASS |
|             |      |      | Low    | 6430 | 6  | Yes | PASS |
|             |      |      | Low    | 6430 | 7  | Yes | PASS |
|             |      |      | Low    | 6430 | 8  | Yes | PASS |
|             |      |      | Low    | 6430 | 9  | Yes | PASS |
|             |      |      | Low    | 6430 | 10 | Yes | PASS |
|             |      |      | Center | 6505 | 1  | Yes | PASS |
|             |      |      | Center | 6505 | 2  | Yes | PASS |
|             |      |      | Center | 6505 | 3  | Yes | PASS |
|             |      |      | Center | 6505 | 4  | Yes | PASS |
|             |      |      | Center | 6505 | 5  | Yes | PASS |
|             |      |      | Center | 6505 | 6  | Yes | PASS |
|             |      |      | Center | 6505 | 7  | Yes | PASS |
|             |      |      | Center | 6505 | 8  | Yes | PASS |
|             |      |      | Center | 6505 | 9  | Yes | PASS |
|             |      |      | Center | 6505 | 10 | Yes | PASS |
|             |      |      | High   | 6580 | 1  | Yes | PASS |
|             |      |      | High   | 6580 | 2  | Yes | PASS |
|             |      |      | High   | 6580 | 3  | Yes | PASS |
|             |      |      | High   | 6580 | 4  | Yes | PASS |
|             |      |      | High   | 6580 | 5  | Yes | PASS |
|             |      |      | High   | 6580 | 6  | Yes | PASS |

|  |  |      |        |      |    |     |      |
|--|--|------|--------|------|----|-----|------|
|  |  |      | High   | 6580 | 7  | Yes | PASS |
|  |  |      | High   | 6580 | 8  | Yes | PASS |
|  |  |      | High   | 6580 | 9  | Yes | PASS |
|  |  |      | High   | 6580 | 10 | Yes | PASS |
|  |  | 6665 | Low    | 6590 | 1  | Yes | PASS |
|  |  |      | Low    | 6590 | 2  | Yes | PASS |
|  |  |      | Low    | 6590 | 3  | Yes | PASS |
|  |  |      | Low    | 6590 | 4  | Yes | PASS |
|  |  |      | Low    | 6590 | 5  | Yes | PASS |
|  |  |      | Low    | 6590 | 6  | Yes | PASS |
|  |  |      | Low    | 6590 | 7  | Yes | PASS |
|  |  |      | Low    | 6590 | 8  | Yes | PASS |
|  |  |      | Low    | 6590 | 9  | Yes | PASS |
|  |  |      | Low    | 6590 | 10 | Yes | PASS |
|  |  |      | Center | 6665 | 1  | Yes | PASS |
|  |  |      | Center | 6665 | 2  | Yes | PASS |
|  |  |      | Center | 6665 | 3  | Yes | PASS |
|  |  |      | Center | 6665 | 4  | Yes | PASS |
|  |  |      | Center | 6665 | 5  | Yes | PASS |
|  |  |      | Center | 6665 | 6  | Yes | PASS |
|  |  |      | Center | 6665 | 7  | Yes | PASS |
|  |  |      | Center | 6665 | 8  | Yes | PASS |
|  |  |      | Center | 6665 | 9  | Yes | PASS |
|  |  |      | Center | 6665 | 10 | Yes | PASS |
|  |  |      | High   | 6740 | 1  | Yes | PASS |
|  |  |      | High   | 6740 | 2  | Yes | PASS |
|  |  |      | High   | 6740 | 3  | Yes | PASS |
|  |  |      | High   | 6740 | 4  | Yes | PASS |
|  |  |      | High   | 6740 | 5  | Yes | PASS |
|  |  |      | High   | 6740 | 6  | Yes | PASS |
|  |  |      | High   | 6740 | 7  | Yes | PASS |
|  |  |      | High   | 6740 | 8  | Yes | PASS |
|  |  |      | High   | 6740 | 9  | Yes | PASS |
|  |  |      | High   | 6740 | 10 | Yes | PASS |
|  |  | 6985 | Low    | 6910 | 1  | Yes | PASS |
|  |  |      | Low    | 6910 | 2  | Yes | PASS |
|  |  |      | Low    | 6910 | 3  | Yes | PASS |
|  |  |      | Low    | 6910 | 4  | Yes | PASS |
|  |  |      | Low    | 6910 | 5  | Yes | PASS |
|  |  |      | Low    | 6910 | 6  | Yes | PASS |
|  |  |      | Low    | 6910 | 7  | Yes | PASS |
|  |  |      | Low    | 6910 | 8  | Yes | PASS |
|  |  |      | Low    | 6910 | 9  | Yes | PASS |
|  |  |      | Low    | 6910 | 10 | Yes | PASS |
|  |  |      | Center | 6985 | 1  | Yes | PASS |
|  |  |      | Center | 6985 | 2  | Yes | PASS |
|  |  |      | Center | 6985 | 3  | Yes | PASS |
|  |  |      | Center | 6985 | 4  | Yes | PASS |
|  |  |      | Center | 6985 | 5  | Yes | PASS |
|  |  |      | Center | 6985 | 6  | Yes | PASS |
|  |  |      | Center | 6985 | 7  | Yes | PASS |
|  |  |      | Center | 6985 | 8  | Yes | PASS |
|  |  |      | Center | 6985 | 9  | Yes | PASS |
|  |  |      | Center | 6985 | 10 | Yes | PASS |
|  |  |      | High   | 7060 | 1  | Yes | PASS |
|  |  |      | High   | 7060 | 2  | Yes | PASS |
|  |  |      | High   | 7060 | 3  | Yes | PASS |
|  |  |      | High   | 7060 | 4  | Yes | PASS |
|  |  |      | High   | 7060 | 5  | Yes | PASS |
|  |  |      | High   | 7060 | 6  | Yes | PASS |
|  |  |      | High   | 7060 | 7  | Yes | PASS |
|  |  |      | High   | 7060 | 8  | Yes | PASS |
|  |  |      | High   | 7060 | 9  | Yes | PASS |
|  |  |      | High   | 7060 | 10 | Yes | PASS |

## 6. Appendix X

| Test Equipment                 | Type/Mode                        | SERIAL NO.    | Equipment No. | Manufacturer | Cal. Due   |
|--------------------------------|----------------------------------|---------------|---------------|--------------|------------|
| Communication Shielded Room 2  | 4m*3m*3m                         | CRTDSWKS44301 | /             | CRT          | 2027/04/22 |
| Spectrum Analyzer              | FSV40                            | 101580        | DZ-000238-3   | R&S          | 2026/03/27 |
| RF Radio Frequency Switch      | JS0806-2                         | 19H9080187    | DZ-000241     | Tonscend     | 2026/03/27 |
| Programmable DC Power Supply   | E3644A                           | MY58036222    | DZ-000178     | KEYSIGHT     | 2026/04/10 |
| 5m Semi-Anechoic Chamber       | SAC-5                            | SAC-5-2.0     | EM-000557     | COMTEST      | 2027/02/01 |
| Spectrum Analyzer              | N9010B                           | MY57470323    | DZ-000174     | KEYSIGHT     | 2026/01/01 |
| EMI Test Receiver              | N9038A-508                       | MY532290079   | EM-000397     | Agilent      | 2025/12/26 |
| EMI Test Receiver              | ESR7                             | 102235        | EM-000574     | R&S          | 2026/01/05 |
| loop antenna                   | HLA 6121                         | 540046        | EM-000546     | TESEQ        | 2026/06/03 |
| Broadband Antenna              | VULB 9163                        | 9163-530      | EM-000342     | SCHWARZBECK  | 2026/06/08 |
| Waveguide Horn Antenna         | BBHA9170                         | 00949         | DZ-000209-2   | SCHWARZBECK  | 2025/08/03 |
| Preamplifier                   | BBV 9721                         | 9721-050      | DZ-000209-1   | SCHWARZBECK  | 2026/06/03 |
| 5G Bandstop Filters            | WRCJV12-4900-5100-5900-6100-50EE | 1             | DZ-000186     | WI           | 2025/12/02 |
| Preamplifier                   | BBV 9721                         | 9721-050      | DZ-000209-1   | SCHWARZBECK  | 2026/06/03 |
| Temperature and humidity meter | MHO-C201                         | /             | DZ-000249-2   | Seconds test | 2025/07/28 |
| Temperature and humidity meter | MHO-C201                         | /             | DZ-000249-5   | Seconds test | 2025/07/28 |
| Spread spectrum unit           | TS-WF7U2                         | 24K806WF7U956 | DZ-000459-1   | Tonscend     | 2025/12/02 |
| UXA signal analyzer            | N9040B                           | US57212256    | DZ-000466     | KEYSIGHT     | 2025/12/17 |
| Analog Signal Generator        | N5173B                           | MY62220706    | DZ-000452-2   | KEYSIGHT     | 2026/06/03 |
| Vector Signal Generator        | N5182B                           | MY62220587    | DZ-000452-1   | KEYSIGHT     | 2026/06/03 |
| Adjustable attenuator          | 11716A                           | 8494B/8496B   | EM-000550     | KEYSIGHT     | 2025/12/02 |

| Dynacomm                              | Software Release | Software Developer |
|---------------------------------------|------------------|--------------------|
| TS1120-3 Test System(Conduction test) | 3.3.38           | Tonscend           |
| TS+ (5m,Radiation test)               | JS32-RE 5.0.0    | Tonscend           |

\_\_\_\_\_ No Body Text Below \_\_\_\_\_

## Important

1. The test report is invalid without the official stamp of CVC;
2. Any part photocopies of the test report are forbidden without the written permission from CVC;
3. The test report is invalid without the signatures of Author and Reviewer;
4. The test report is invalid if altered;
5. Objections to the test report must be submitted to CVC within 15 days;
6. Generally, commission test is responsible for the tested samples only;
7. As for the test result, “—” or “N/A” means “not applicable”, “/” means “not testing”, “P” means “pass” and “F” means “fail”.

Address: No.3,Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, China (Test location)

Post Code: 510663      Tel: 020-32293888

FAX: 020 32293889      E-mail: [office@cvc.org.cn](mailto:office@cvc.org.cn)