



## **2.4 Maximum Conducted Power Spectral Density**

### **2.4.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (a)  
ISED RSS-248, Clause 4.5

### **2.4.2 Equipment Under Test and Modification State**

A3389, S/N: MGC29YC7F7 - Modification State 0  
A3389, S/N: XVMW231K9P - Modification State 0

### **2.4.3 Date of Test**

18-October-2024 to 29-October-2024

### **2.4.4 Test Method**

The test was performed in accordance with KDB 789033, clause F.

Where the EUT duty cycle was  $< 98\%$  and repeatable within  $\pm 2\%$ , the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method SA-2). Where the duty cycle was  $\geq 98\%$  the spectrum analyser was set to trace (power) averaging and no duty cycle correction made (Method SA-1). In all other cases the spectrum analyser trace was set to max hold (Method SA-3).

The output power was verified as being the same from each transmit core (within negligible tolerances), but the antenna gains were not identical. Therefore, the modes reported for SISO or 2TX MIMO operation are those giving the highest EIRP and/or lowest conducted limit based on the combination of antennas giving highest total directional gain.

MIMO output port summing was performed in accordance with KDB 662911 D01:

For the CDD results the Directional Gain was calculated in accordance with the equation given in clause F)2)f)(ii) summed for a single spatial stream.

For SDM modes Directional Gain was calculated in accordance with clause F)2)d)(ii).

For transmit beamforming (TxBF) mode it was calculated in accordance with clause F)2)d)(i).

### **2.4.5 Environmental Conditions**

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.2 - 22.5 °C |
| Relative Humidity   | 52.6 - 58.9 %  |



## 2.4.6 Test Results

### 6 GHz WLAN

#### SISO

| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration      |             |                          |      |
|------------------------|-------------|--------------------------|------|
| Mode:                  | 802.11a LPI | Duty Cycle (%):          | 97.9 |
| Data Rate:             | 12 Mbps     | DCCF (dB):               | 0.09 |
| Antenna Configuration: | SISO        | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):        | B (Core 1)  | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |        | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|--------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | Σ      |            |            |                  |                  |
| 5955                 | -               | -3.22  | - | - | -3.22  | 0.71       | -2.51      | -1.00            | -1.51            |
| 6175                 | -               | -4.38  | - | - | -4.38  | 1.37       | -3.01      | -1.00            | -2.01            |
| 6415                 | -               | -4.60  | - | - | -4.60  | 1.63       | -2.97      | -1.00            | -1.97            |
| 6435                 | -               | -4.00  | - | - | -4.00  | 1.37       | -2.63      | -1.00            | -1.63            |
| 6475                 | -               | -4.01  | - | - | -4.01  | 1.37       | -2.64      | -1.00            | -1.64            |
| 6515                 | -               | -4.25  | - | - | -4.25  | 1.37       | -2.88      | -1.00            | -1.88            |
| 6535                 | -               | -4.57  | - | - | -4.57  | 1.62       | -2.95      | -1.00            | -1.95            |
| 6695                 | -               | -4.28  | - | - | -4.28  | 1.62       | -2.66      | -1.00            | -1.66            |
| 6855                 | -               | -4.45  | - | - | -4.45  | 1.62       | -2.83      | -1.00            | -1.83            |
| 6875                 | -               | -4.76  | - | - | -4.76  | 1.85       | -2.91      | -1.00            | -1.91            |
| 6895                 | -               | -4.87  | - | - | -4.87  | 1.85       | -3.02      | -1.00            | -2.02            |
| 6995                 | -               | -4.47  | - | - | -4.47  | 1.85       | -2.62      | -1.00            | -1.62            |
| 7115                 | -               | -10.00 | - | - | -10.00 | 1.85       | -8.15      | -1.00            | -7.15            |

Table 180 - Maximum Power Spectral Density Results



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU LPI | Duty Cycle (%):          | 96.4 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.16 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | -               | -3.74 | - | - | -3.74    | 0.71       | -3.03      | -1.00            | -2.03            |
| 6175                 | -               | -5.24 | - | - | -5.24    | 1.37       | -3.87      | -1.00            | -2.87            |
| 6415                 | -               | -4.95 | - | - | -4.95    | 1.63       | -3.32      | -1.00            | -2.32            |
| 6435                 | -               | -4.56 | - | - | -4.56    | 1.37       | -3.19      | -1.00            | -2.19            |
| 6475                 | -               | -4.54 | - | - | -4.54    | 1.37       | -3.17      | -1.00            | -2.17            |
| 6515                 | -               | -4.34 | - | - | -4.34    | 1.37       | -2.97      | -1.00            | -1.97            |
| 6535                 | -               | -5.24 | - | - | -5.24    | 1.62       | -3.62      | -1.00            | -2.62            |
| 6695                 | -               | -4.87 | - | - | -4.87    | 1.62       | -3.25      | -1.00            | -2.25            |
| 6855                 | -               | -4.92 | - | - | -4.92    | 1.62       | -3.30      | -1.00            | -2.30            |
| 6875                 | -               | -5.16 | - | - | -5.16    | 1.85       | -3.31      | -1.00            | -2.31            |
| 6895                 | -               | -5.13 | - | - | -5.13    | 1.85       | -3.28      | -1.00            | -2.28            |
| 6995                 | -               | -4.96 | - | - | -4.96    | 1.85       | -3.11      | -1.00            | -2.11            |
| 7095                 | -               | -5.33 | - | - | -5.33    | 1.85       | -3.48      | -1.00            | -2.48            |

**Table 181 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU LPI | Duty Cycle (%):          | 96.4 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.16 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | -               | -3.97 | - | - | -3.97    | 0.71       | -3.26      | -1.00            | -2.26            |
| 6165                 | -               | -4.97 | - | - | -4.97    | 1.37       | -3.60      | -1.00            | -2.60            |
| 6405                 | -               | -4.98 | - | - | -4.98    | 1.63       | -3.35      | -1.00            | -2.35            |
| 6445                 | -               | -5.05 | - | - | -5.05    | 1.37       | -3.68      | -1.00            | -2.68            |
| 6485                 | -               | -4.71 | - | - | -4.71    | 1.37       | -3.34      | -1.00            | -2.34            |
| 6525                 | -               | -5.20 | - | - | -5.20    | 1.62       | -3.58      | -1.00            | -2.58            |
| 6565                 | -               | -5.20 | - | - | -5.20    | 1.62       | -3.58      | -1.00            | -2.58            |
| 6685                 | -               | -5.35 | - | - | -5.35    | 1.62       | -3.73      | -1.00            | -2.73            |
| 6845                 | -               | -5.00 | - | - | -5.00    | 1.62       | -3.38      | -1.00            | -2.38            |
| 6885                 | -               | -5.60 | - | - | -5.60    | 1.85       | -3.75      | -1.00            | -2.75            |
| 6925                 | -               | -5.40 | - | - | -5.40    | 1.85       | -3.55      | -1.00            | -2.55            |
| 7005                 | -               | -5.26 | - | - | -5.26    | 1.85       | -3.41      | -1.00            | -2.41            |
| 7085                 | -               | -5.93 | - | - | -5.93    | 1.85       | -4.08      | -1.00            | -3.08            |

**Table 182 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU LPI | Duty Cycle (%):          | 95.9 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.18 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | -               | -3.68 | - | - | -3.68    | 0.71       | -2.97      | -1.00            | -1.97            |
| 6145                 | -               | -4.95 | - | - | -4.95    | 1.37       | -3.58      | -1.00            | -2.58            |
| 6385                 | -               | -4.84 | - | - | -4.84    | 1.63       | -3.21      | -1.00            | -2.21            |
| 6465                 | -               | -4.90 | - | - | -4.90    | 1.37       | -3.53      | -1.00            | -2.53            |
| 6545                 | -               | -5.05 | - | - | -5.05    | 1.62       | -3.43      | -1.00            | -2.43            |
| 6625                 | -               | -4.97 | - | - | -4.97    | 1.62       | -3.35      | -1.00            | -2.35            |
| 6705                 | -               | -4.75 | - | - | -4.75    | 1.62       | -3.13      | -1.00            | -2.13            |
| 6785                 | -               | -4.85 | - | - | -4.85    | 1.62       | -3.23      | -1.00            | -2.23            |
| 6865                 | -               | -5.01 | - | - | -5.01    | 1.85       | -3.16      | -1.00            | -2.16            |
| 6945                 | -               | -5.14 | - | - | -5.14    | 1.85       | -3.29      | -1.00            | -2.29            |
| 7025                 | -               | -5.26 | - | - | -5.26    | 1.85       | -3.41      | -1.00            | -2.41            |

**Table 183 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU LPI | Duty Cycle (%):          | 93.6 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.29 |
| Antenna Configuration:    | SISO                  | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)            | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -               | -3.55 | - | - | -3.55    | 0.71       | -2.84      | -1.00            | -1.84            |
| 6185                 | -               | -4.29 | - | - | -4.29    | 1.37       | -2.92      | -1.00            | -1.92            |
| 6345                 | -               | -4.77 | - | - | -4.77    | 1.63       | -3.14      | -1.00            | -2.14            |
| 6505                 | -               | -4.59 | - | - | -4.59    | 1.62       | -2.97      | -1.00            | -1.97            |
| 6665                 | -               | -4.28 | - | - | -4.28    | 1.62       | -2.66      | -1.00            | -1.66            |
| 6825                 | -               | -4.35 | - | - | -4.35    | 1.85       | -2.50      | -1.00            | -1.50            |
| 6985                 | -               | -4.81 | - | - | -4.81    | 1.85       | -2.96      | -1.00            | -1.96            |

**Table 184 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration      |            |                          |      |
|------------------------|------------|--------------------------|------|
| Mode:                  | 802.11a SP | Duty Cycle (%):          | 97.9 |
| Data Rate:             | 12 Mbps    | DCCF (dB):               | 0.09 |
| Antenna Configuration: | SISO       | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):        | B (Core 1) | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | -               | 10.21 | - | - | 10.21    | 0.71       | 10.92      | 17.00            | -6.08            |
| 6175                 | -               | 10.21 | - | - | 10.21    | 1.37       | 11.58      | 17.00            | -5.42            |
| 6415                 | -               | 10.03 | - | - | 10.03    | 1.63       | 11.66      | 17.00            | -5.34            |
| 6435                 | -               | 9.89  | - | - | 9.89     | 1.37       | 11.26      | 17.00            | -5.74            |
| 6475                 | -               | 10.03 | - | - | 10.03    | 1.37       | 11.40      | 17.00            | -5.60            |
| 6515                 | -               | 9.73  | - | - | 9.73     | 1.37       | 11.10      | 17.00            | -5.90            |
| 6535                 | -               | 9.72  | - | - | 9.72     | 1.62       | 11.34      | 17.00            | -5.66            |
| 6695                 | -               | 9.97  | - | - | 9.97     | 1.62       | 11.59      | 17.00            | -5.41            |
| 6855                 | -               | 10.05 | - | - | 10.05    | 1.62       | 11.67      | 17.00            | -5.33            |

**Table 185 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                     |                          |      |
|---------------------------|---------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU SP | Duty Cycle (%):          | 96.5 |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | 0.16 |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)          | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | -               | 9.58 | - | - | 9.58     | 0.71       | 10.29      | 17.00            | -6.71            |
| 6175                 | -               | 9.57 | - | - | 9.57     | 1.37       | 10.94      | 17.00            | -6.06            |
| 6415                 | -               | 9.39 | - | - | 9.39     | 1.63       | 11.02      | 17.00            | -5.98            |
| 6435                 | -               | 9.55 | - | - | 9.55     | 1.37       | 10.92      | 17.00            | -6.08            |
| 6475                 | -               | 9.55 | - | - | 9.55     | 1.37       | 10.92      | 17.00            | -6.08            |
| 6515                 | -               | 9.38 | - | - | 9.38     | 1.37       | 10.75      | 17.00            | -6.25            |
| 6535                 | -               | 9.75 | - | - | 9.75     | 1.62       | 11.37      | 17.00            | -5.63            |
| 6695                 | -               | 9.32 | - | - | 9.32     | 1.62       | 10.94      | 17.00            | -6.06            |
| 6855                 | -               | 9.64 | - | - | 9.64     | 1.62       | 11.26      | 17.00            | -5.74            |

**Table 186 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                     |                          |      |
|---------------------------|---------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU SP | Duty Cycle (%):          | 96.3 |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | 0.17 |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)          | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | -               | 6.60 | - | - | 6.60     | 0.71       | 7.31       | 17.00            | -9.69            |
| 6165                 | -               | 5.91 | - | - | 5.91     | 1.37       | 7.28       | 17.00            | -9.72            |
| 6405                 | -               | 6.96 | - | - | 6.96     | 1.63       | 8.59       | 17.00            | -8.41            |
| 6445                 | -               | 6.67 | - | - | 6.67     | 1.37       | 8.04       | 17.00            | -8.96            |
| 6485                 | -               | 6.57 | - | - | 6.57     | 1.37       | 7.94       | 17.00            | -9.06            |
| 6525                 | -               | 6.67 | - | - | 6.67     | 1.62       | 8.29       | 17.00            | -8.71            |
| 6565                 | -               | 6.51 | - | - | 6.51     | 1.62       | 8.13       | 17.00            | -8.87            |
| 6685                 | -               | 7.12 | - | - | 7.12     | 1.62       | 8.74       | 17.00            | -8.26            |
| 6845                 | -               | 6.51 | - | - | 6.51     | 1.62       | 8.13       | 17.00            | -8.87            |

**Table 187 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                     |                          |      |
|---------------------------|---------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU SP | Duty Cycle (%):          | 96.2 |
| Modulation Coding Scheme: | MCS2x1              | DCCF (dB):               | 0.17 |
| Antenna Configuration:    | SISO                | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)          | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | -               | 3.71 | - | - | 3.71     | 0.71       | 4.42       | 17.00            | -12.58           |
| 6145                 | -               | 3.47 | - | - | 3.47     | 1.37       | 4.84       | 17.00            | -12.16           |
| 6385                 | -               | 4.08 | - | - | 4.08     | 1.63       | 5.71       | 17.00            | -11.29           |
| 6465                 | -               | 4.00 | - | - | 4.00     | 1.37       | 5.37       | 17.00            | -11.63           |
| 6545                 | -               | 3.92 | - | - | 3.92     | 1.62       | 5.54       | 17.00            | -11.46           |
| 6625                 | -               | 3.99 | - | - | 3.99     | 1.62       | 5.61       | 17.00            | -11.39           |
| 6705                 | -               | 4.01 | - | - | 4.01     | 1.62       | 5.63       | 17.00            | -11.37           |
| 6785                 | -               | 4.35 | - | - | 4.35     | 1.62       | 5.97       | 17.00            | -11.03           |

**Table 188 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU SP | Duty Cycle (%):          | 93.8 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.28 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -               | -0.66 | - | - | -0.66    | 0.71       | 0.05       | 17.00            | -16.95           |
| 6185                 | -               | -0.73 | - | - | -0.73    | 1.37       | 0.64       | 17.00            | -16.36           |
| 6345                 | -               | -0.94 | - | - | -0.94    | 1.63       | 0.69       | 17.00            | -16.31           |
| 6505                 | -               | -1.37 | - | - | -1.37    | 1.62       | 0.25       | 17.00            | -16.75           |
| 6665                 | -               | -0.11 | - | - | -0.11    | 1.62       | 1.51       | 17.00            | -15.49           |

**Table 189 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration      |             |                          |      |
|------------------------|-------------|--------------------------|------|
| Mode:                  | 802.11a VLP | Duty Cycle (%):          | 98.0 |
| Data Rate:             | 12 Mbps     | DCCF (dB):               | 0.09 |
| Antenna Configuration: | SISO        | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):        | B (Core 1)  | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6115                 | -               | -8.71 | - | - | -8.71    | 1.37       | -7.34      | -5.00            | -2.34            |
| 6275                 | -               | -8.44 | - | - | -8.44    | 1.63       | -6.81      | -5.00            | -1.81            |
| 6415                 | -               | -8.47 | - | - | -8.47    | 1.63       | -6.84      | -5.00            | -1.84            |
| 6535                 | -               | -8.42 | - | - | -8.42    | 1.62       | -6.80      | -5.00            | -1.80            |
| 6695                 | -               | -8.18 | - | - | -8.18    | 1.62       | -6.56      | -5.00            | -1.56            |
| 6855                 | -               | -8.38 | - | - | -8.38    | 1.62       | -6.76      | -5.00            | -1.76            |

**Table 190 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU VLP | Duty Cycle (%):          | 96.6 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.15 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6115                 | -               | -9.02 | - | - | -9.02    | 1.37       | -7.65      | -5.00            | -2.65            |
| 6275                 | -               | -9.04 | - | - | -9.04    | 1.63       | -7.41      | -5.00            | -2.41            |
| 6415                 | -               | -9.23 | - | - | -9.23    | 1.63       | -7.60      | -5.00            | -2.60            |
| 6535                 | -               | -9.01 | - | - | -9.01    | 1.62       | -7.39      | -5.00            | -2.39            |
| 6695                 | -               | -9.19 | - | - | -9.19    | 1.62       | -7.57      | -5.00            | -2.57            |
| 6855                 | -               | -8.80 | - | - | -8.80    | 1.62       | -7.18      | -5.00            | -2.18            |

**Table 191 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU VLP | Duty Cycle (%):          | 96.2 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.17 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6125                 | -               | -9.01 | - | - | -9.01    | 1.37       | -7.64      | -5.00            | -2.64            |
| 6285                 | -               | -9.38 | - | - | -9.38    | 1.63       | -7.75      | -5.00            | -2.75            |
| 6405                 | -               | -9.48 | - | - | -9.48    | 1.63       | -7.85      | -5.00            | -2.85            |
| 6565                 | -               | -9.50 | - | - | -9.50    | 1.62       | -7.88      | -5.00            | -2.88            |
| 6685                 | -               | -9.16 | - | - | -9.16    | 1.62       | -7.54      | -5.00            | -2.54            |
| 6845                 | -               | -9.27 | - | - | -9.27    | 1.62       | -7.65      | -5.00            | -2.65            |

**Table 192 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                      |                          |      |
|---------------------------|----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU VLP | Duty Cycle (%):          | 95.7 |
| Modulation Coding Scheme: | MCS2x1               | DCCF (dB):               | 0.19 |
| Antenna Configuration:    | SISO                 | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)           | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6145                 | -               | -9.43 | - | - | -9.43    | 1.37       | -8.06      | -5.00            | -3.06            |
| 6225                 | -               | -8.60 | - | - | -8.60    | 1.37       | -7.23      | -5.00            | -2.23            |
| 6385                 | -               | -9.30 | - | - | -9.30    | 1.63       | -7.67      | -5.00            | -2.67            |
| 6625                 | -               | -9.24 | - | - | -9.24    | 1.62       | -7.62      | -5.00            | -2.62            |
| 6705                 | -               | -8.98 | - | - | -8.98    | 1.62       | -7.36      | -5.00            | -2.36            |
| 6785                 | -               | -8.81 | - | - | -8.81    | 1.62       | -7.19      | -5.00            | -2.19            |

**Table 193 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU VLP | Duty Cycle (%):          | 93.9 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.27 |
| Antenna Configuration:    | SISO                  | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)            | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6185                 | -               | -8.83 | - | - | -8.83    | 1.37       | -7.46      | -5.00            | -2.46            |
| 6345                 | -               | -9.34 | - | - | -9.34    | 1.63       | -7.71      | -5.00            | -2.71            |
| 6665                 | -               | -8.68 | - | - | -8.68    | 1.62       | -7.06      | -5.00            | -2.06            |

**Table 194 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 LPI | Duty Cycle (%):          | 97.3 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | SISO                   | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)             | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | -               | -3.99 | - | - | -3.99    | 0.71       | -3.28      | -1.00            | -2.28            |
| 6175 (RU26.0)        | -               | -5.39 | - | - | -5.39    | 1.37       | -4.02      | -1.00            | -3.02            |
| 6415 (RU26.8)        | -               | -5.05 | - | - | -5.05    | 1.63       | -3.42      | -1.00            | -2.42            |
| 6435 (RU26.0)        | -               | -4.64 | - | - | -4.64    | 1.37       | -3.27      | -1.00            | -2.27            |
| 6475 (RU26.0)        | -               | -4.81 | - | - | -4.81    | 1.37       | -3.44      | -1.00            | -2.44            |
| 6515 (RU26.8)        | -               | -5.02 | - | - | -5.02    | 1.37       | -3.65      | -1.00            | -2.65            |
| 6535 (RU26.0)        | -               | -4.99 | - | - | -4.99    | 1.62       | -3.37      | -1.00            | -2.37            |
| 6695 (RU26.0)        | -               | -5.07 | - | - | -5.07    | 1.62       | -3.45      | -1.00            | -2.45            |
| 6855 (RU26.8)        | -               | -5.19 | - | - | -5.19    | 1.62       | -3.57      | -1.00            | -2.57            |
| 6875 (RU26.3)        | -               | -5.30 | - | - | -5.30    | 1.62       | -3.68      | -1.00            | -2.68            |
| 6875 (RU26.5)        | -               | -5.23 | - | - | -5.23    | 1.85       | -3.38      | -1.00            | -2.38            |
| 6895 (RU26.0)        | -               | -5.32 | - | - | -5.32    | 1.85       | -3.47      | -1.00            | -2.47            |
| 6995 (RU26.0)        | -               | -5.18 | - | - | -5.18    | 1.85       | -3.33      | -1.00            | -2.33            |
| 7095 (RU26.8)        | -               | -5.64 | - | - | -5.64    | 1.85       | -3.79      | -1.00            | -2.79            |

**Table 195 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 LPI | Duty Cycle (%):          | 97.2 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | SISO                   | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)             | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | -               | -3.76 | - | - | -3.76    | 0.71       | -3.05      | -1.00            | -2.05            |
| 6175 (RU52.37)       | -               | -5.17 | - | - | -5.17    | 1.37       | -3.80      | -1.00            | -2.80            |
| 6415 (RU52.40)       | -               | -4.89 | - | - | -4.89    | 1.63       | -3.26      | -1.00            | -2.26            |
| 6435 (RU52.37)       | -               | -4.46 | - | - | -4.46    | 1.37       | -3.09      | -1.00            | -2.09            |
| 6475 (RU52.37)       | -               | -4.19 | - | - | -4.19    | 1.37       | -2.82      | -1.00            | -1.82            |
| 6515 (RU52.40)       | -               | -4.59 | - | - | -4.59    | 1.37       | -3.22      | -1.00            | -2.22            |
| 6535 (RU52.37)       | -               | -4.79 | - | - | -4.79    | 1.62       | -3.17      | -1.00            | -2.17            |
| 6695 (RU52.37)       | -               | -4.65 | - | - | -4.65    | 1.62       | -3.03      | -1.00            | -2.03            |
| 6855 (RU52.40)       | -               | -4.61 | - | - | -4.61    | 1.62       | -2.99      | -1.00            | -1.99            |
| 6875 (RU52.38)       | -               | -5.38 | - | - | -5.38    | 1.62       | -3.76      | -1.00            | -2.76            |
| 6875 (RU52.39)       | -               | -5.15 | - | - | -5.15    | 1.85       | -3.30      | -1.00            | -2.30            |
| 6895 (RU52.37)       | -               | -4.86 | - | - | -4.86    | 1.85       | -3.01      | -1.00            | -2.01            |
| 6995 (RU52.37)       | -               | -4.97 | - | - | -4.97    | 1.85       | -3.12      | -1.00            | -2.12            |
| 7095 (RU52.40)       | -               | -5.36 | - | - | -5.36    | 1.85       | -3.51      | -1.00            | -2.51            |

**Table 196 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | -                                                                        |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                         |                          |      |
|---------------------------|-------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 LPI | Duty Cycle (%):          | 98.1 |
| Modulation Coding Scheme: | MCS2x1                  | DCCF (dB):               | 0.08 |
| Antenna Configuration:    | SISO                    | Peak Antenna Gain (dBi): | 1.85 |
| Active Port(s):           | B (Core 1)              | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | -               | -3.12 | - | - | -3.12    | 0.71       | -2.41      | -1.00            | -1.41            |
| 6175 (RU106.53)      | -               | -4.73 | - | - | -4.73    | 1.37       | -3.36      | -1.00            | -2.36            |
| 6415 (RU106.54)      | -               | -4.31 | - | - | -4.31    | 1.63       | -2.68      | -1.00            | -1.68            |
| 6435 (RU106.53)      | -               | -4.17 | - | - | -4.17    | 1.37       | -2.80      | -1.00            | -1.80            |
| 6475 (RU106.53)      | -               | -4.24 | - | - | -4.24    | 1.37       | -2.87      | -1.00            | -1.87            |
| 6515 (RU106.54)      | -               | -4.09 | - | - | -4.09    | 1.37       | -2.72      | -1.00            | -1.72            |
| 6535 (RU106.53)      | -               | -4.09 | - | - | -4.09    | 1.62       | -2.47      | -1.00            | -1.47            |
| 6695 (RU106.53)      | -               | -4.82 | - | - | -4.82    | 1.62       | -3.20      | -1.00            | -2.20            |
| 6855 (RU106.54)      | -               | -4.27 | - | - | -4.27    | 1.62       | -2.65      | -1.00            | -1.65            |
| 6875 (RU106.53)      | -               | -4.46 | - | - | -4.46    | 1.62       | -2.84      | -1.00            | -1.84            |
| 6875 (RU106.54)      | -               | -4.78 | - | - | -4.78    | 1.85       | -2.93      | -1.00            | -1.93            |
| 6895 (RU106.53)      | -               | -4.40 | - | - | -4.40    | 1.85       | -2.55      | -1.00            | -1.55            |
| 6995 (RU106.53)      | -               | -4.70 | - | - | -4.70    | 1.85       | -2.85      | -1.00            | -1.85            |
| 7095 (RU106.54)      | -               | -4.80 | - | - | -4.80    | 1.85       | -2.95      | -1.00            | -1.95            |

**Table 197 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 SP | Duty Cycle (%):          | 97.3 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | SISO                  | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)            | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | -               | 10.82 | - | - | 10.82    | 0.71       | 11.53      | 17.00            | -5.47            |
| 6175 (RU26.0)        | -               | 10.45 | - | - | 10.45    | 1.37       | 11.82      | 17.00            | -5.18            |
| 6415 (RU26.8)        | -               | 10.54 | - | - | 10.54    | 1.63       | 12.17      | 17.00            | -4.83            |
| 6435 (RU26.0)        | -               | 10.68 | - | - | 10.68    | 1.37       | 12.05      | 17.00            | -4.95            |
| 6475 (RU26.0)        | -               | 10.61 | - | - | 10.61    | 1.37       | 11.98      | 17.00            | -5.02            |
| 6515 (RU26.8)        | -               | 10.54 | - | - | 10.54    | 1.37       | 11.91      | 17.00            | -5.09            |
| 6535 (RU26.0)        | -               | 10.64 | - | - | 10.64    | 1.62       | 12.26      | 17.00            | -4.74            |
| 6695 (RU26.0)        | -               | 10.46 | - | - | 10.46    | 1.62       | 12.08      | 17.00            | -4.92            |
| 6855 (RU26.8)        | -               | 10.40 | - | - | 10.40    | 1.62       | 12.02      | 17.00            | -4.98            |

**Table 198 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 SP | Duty Cycle (%):          | 97.3 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | SISO                  | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)            | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | -               | 10.87 | - | - | 10.87    | 0.71       | 11.58      | 17.00            | -5.42            |
| 6175 (RU52.37)       | -               | 10.49 | - | - | 10.49    | 1.37       | 11.86      | 17.00            | -5.14            |
| 6415 (RU52.40)       | -               | 10.91 | - | - | 10.91    | 1.63       | 12.54      | 17.00            | -4.46            |
| 6435 (RU52.37)       | -               | 10.72 | - | - | 10.72    | 1.37       | 12.09      | 17.00            | -4.91            |
| 6475 (RU52.37)       | -               | 10.72 | - | - | 10.72    | 1.37       | 12.09      | 17.00            | -4.91            |
| 6515 (RU52.40)       | -               | 10.64 | - | - | 10.64    | 1.37       | 12.01      | 17.00            | -4.99            |
| 6535 (RU52.37)       | -               | 10.74 | - | - | 10.74    | 1.62       | 12.36      | 17.00            | -4.64            |
| 6695 (RU52.37)       | -               | 10.55 | - | - | 10.55    | 1.62       | 12.17      | 17.00            | -4.83            |
| 6855 (RU52.40)       | -               | 11.43 | - | - | 11.43    | 1.62       | 13.05      | 17.00            | -3.95            |

**Table 199 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 SP | Duty Cycle (%):          | 98.0 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.09 |
| Antenna Configuration:    | SISO                   | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)             | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | -               | 11.24 | - | - | 11.24    | 0.71       | 11.95      | 17.00            | -5.05            |
| 6175 (RU106.53)      | -               | 10.38 | - | - | 10.38    | 1.37       | 11.75      | 17.00            | -5.25            |
| 6415 (RU106.54)      | -               | 10.85 | - | - | 10.85    | 1.63       | 12.48      | 17.00            | -4.52            |
| 6435 (RU106.53)      | -               | 11.34 | - | - | 11.34    | 1.37       | 12.71      | 17.00            | -4.29            |
| 6475 (RU106.53)      | -               | 11.08 | - | - | 11.08    | 1.37       | 12.45      | 17.00            | -4.55            |
| 6515 (RU106.54)      | -               | 10.78 | - | - | 10.78    | 1.37       | 12.15      | 17.00            | -4.85            |
| 6535 (RU106.53)      | -               | 10.69 | - | - | 10.69    | 1.62       | 12.31      | 17.00            | -4.69            |
| 6695 (RU106.53)      | -               | 10.94 | - | - | 10.94    | 1.62       | 12.56      | 17.00            | -4.44            |
| 6855 (RU106.54)      | -               | 11.03 | - | - | 11.03    | 1.62       | 12.65      | 17.00            | -4.35            |

**Table 200 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz                                                 | Band:           | U-NII-5                        |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 VLP | Duty Cycle (%):          | 98.5 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.07 |
| Antenna Configuration:    | SISO                   | Peak Antenna Gain (dBi): | 1.37 |
| Active Port(s):           | B (Core 1)             | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6115 (RU52.37)       | -               | -8.69 | - | - | -8.69    | 1.37       | -7.32      | -5.00            | -2.32            |
| 6195 (RU52.37)       | -               | -8.35 | - | - | -8.35    | 1.37       | -6.98      | -5.00            | -1.98            |
| 6255 (RU52.40)       | -               | -8.39 | - | - | -8.39    | 1.37       | -7.02      | -5.00            | -2.02            |

**Table 201 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | -                                                               |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                         |                          |      |
|---------------------------|-------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 VLP | Duty Cycle (%):          | 98.3 |
| Modulation Coding Scheme: | MCS2x1                  | DCCF (dB):               | 0.07 |
| Antenna Configuration:    | SISO                    | Peak Antenna Gain (dBi): | 1.63 |
| Active Port(s):           | B (Core 1)              | Active Chain(s):         | 1    |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6115 (RU106.53)      | -               | -8.59 | - | - | -8.59    | 1.37       | -7.22      | -5.00            | -2.22            |
| 6275 (RU106.53)      | -               | -8.76 | - | - | -8.76    | 1.63       | -7.13      | -5.00            | -2.13            |
| 6415 (RU106.54)      | -               | -8.61 | - | - | -8.61    | 1.63       | -6.98      | -5.00            | -1.98            |
| 6535 (RU106.53)      | -               | -8.80 | - | - | -8.80    | 1.62       | -7.18      | -5.00            | -2.18            |
| 6695 (RU106.53)      | -               | -8.79 | - | - | -8.79    | 1.62       | -7.17      | -5.00            | -2.17            |
| 6855 (RU106.54)      | -               | -8.95 | - | - | -8.95    | 1.62       | -7.33      | -5.00            | -2.33            |

**Table 202 - Maximum Power Spectral Density Results**





## MIMO CDD

| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f(ii), 662911 D01 v02r01 E)2)b)                    |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU LPI  | Duty Cycle (%):          | 96.8 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.14 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | -9.88           | -9.33  | - | - | -6.59    | 3.48       | -3.10      | -1.00            | -2.10            |
| 6175                 | -10.88          | -10.76 | - | - | -7.81    | 3.89       | -3.91      | -1.00            | -2.91            |
| 6415                 | -10.52          | -11.03 | - | - | -7.75    | 3.80       | -3.96      | -1.00            | -2.96            |
| 6435                 | -10.79          | -10.87 | - | - | -7.82    | 3.88       | -3.94      | -1.00            | -2.94            |
| 6475                 | -10.91          | -11.81 | - | - | -8.33    | 3.88       | -4.45      | -1.00            | -3.45            |
| 6515                 | -10.72          | -11.66 | - | - | -8.15    | 3.88       | -4.28      | -1.00            | -3.28            |
| 6535                 | -10.90          | -11.75 | - | - | -8.29    | 4.27       | -4.03      | -1.00            | -3.03            |
| 6695                 | -11.38          | -12.37 | - | - | -8.84    | 4.27       | -4.57      | -1.00            | -3.57            |
| 6855                 | -11.02          | -12.33 | - | - | -8.61    | 4.27       | -4.35      | -1.00            | -3.35            |
| 6875                 | -11.02          | -12.56 | - | - | -8.72    | 4.27       | -4.45      | -1.00            | -3.45            |
| 6895                 | -10.55          | -11.93 | - | - | -8.18    | 3.51       | -4.67      | -1.00            | -3.67            |
| 6995                 | -10.34          | -11.93 | - | - | -8.05    | 3.51       | -4.55      | -1.00            | -3.55            |
| 7095                 | -10.87          | -11.93 | - | - | -8.36    | 3.51       | -4.85      | -1.00            | -3.85            |

**Table 203 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU LPI  | Duty Cycle (%):          | 97.0 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.13 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | -10.27          | -10.33 | - | - | -7.29    | 3.48       | -3.80      | -1.00            | -2.80            |
| 6165                 | -11.14          | -10.87 | - | - | -8.00    | 3.89       | -4.10      | -1.00            | -3.10            |
| 6405                 | -10.80          | -10.69 | - | - | -7.74    | 3.80       | -3.94      | -1.00            | -2.94            |
| 6445                 | -11.01          | -10.90 | - | - | -7.94    | 3.88       | -4.07      | -1.00            | -3.07            |
| 6485                 | -11.32          | -11.14 | - | - | -8.22    | 3.88       | -4.34      | -1.00            | -3.34            |
| 6525                 | -11.38          | -11.33 | - | - | -8.34    | 4.27       | -4.07      | -1.00            | -3.07            |
| 6565                 | -11.32          | -11.31 | - | - | -8.30    | 4.27       | -4.04      | -1.00            | -3.04            |
| 6685                 | -11.55          | -11.23 | - | - | -8.38    | 4.27       | -4.11      | -1.00            | -3.11            |
| 6845                 | -11.31          | -11.16 | - | - | -8.23    | 4.27       | -3.96      | -1.00            | -2.96            |
| 6885                 | -11.27          | -11.60 | - | - | -8.42    | 4.27       | -4.15      | -1.00            | -3.15            |
| 6925                 | -10.49          | -10.72 | - | - | -7.60    | 3.51       | -4.09      | -1.00            | -3.09            |
| 7005                 | -10.46          | -10.57 | - | - | -7.51    | 3.51       | -4.00      | -1.00            | -3.00            |
| 7085                 | -10.26          | -10.41 | - | - | -7.33    | 3.51       | -3.82      | -1.00            | -2.82            |

Table 204 - Maximum Power Spectral Density Results



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU LPI  | Duty Cycle (%):          | 96.5 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.15 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | -9.82           | -10.01 | - | - | -6.91    | 3.48       | -3.42      | -1.00            | -2.42            |
| 6145                 | -10.87          | -10.81 | - | - | -7.83    | 3.89       | -3.93      | -1.00            | -2.93            |
| 6385                 | -10.62          | -11.05 | - | - | -7.82    | 3.80       | -4.03      | -1.00            | -3.03            |
| 6465                 | -10.36          | -10.63 | - | - | -7.49    | 3.88       | -3.61      | -1.00            | -2.61            |
| 6545                 | -11.38          | -11.38 | - | - | -8.37    | 4.27       | -4.10      | -1.00            | -3.10            |
| 6625                 | -11.21          | -11.16 | - | - | -8.17    | 4.27       | -3.91      | -1.00            | -2.91            |
| 6705                 | -11.19          | -11.40 | - | - | -8.28    | 4.27       | -4.01      | -1.00            | -3.01            |
| 6785                 | -11.24          | -11.41 | - | - | -8.31    | 4.27       | -4.05      | -1.00            | -3.05            |
| 6865                 | -11.19          | -11.08 | - | - | -8.13    | 4.27       | -3.86      | -1.00            | -2.86            |
| 6945                 | -10.26          | -10.81 | - | - | -7.52    | 3.51       | -4.01      | -1.00            | -3.01            |
| 7025                 | -10.28          | -10.70 | - | - | -7.48    | 3.51       | -3.97      | -1.00            | -2.97            |

**Table 205 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU LPI | Duty Cycle (%):          | 95.5 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.20 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -9.60           | -9.63  | - | - | -6.61    | 3.48       | -3.13      | -1.00            | -2.13            |
| 6185                 | -9.82           | -9.39  | - | - | -6.59    | 3.89       | -2.69      | -1.00            | -1.69            |
| 6345                 | -9.69           | -9.90  | - | - | -6.78    | 3.80       | -2.99      | -1.00            | -1.99            |
| 6505                 | -10.67          | -11.04 | - | - | -7.84    | 4.27       | -3.57      | -1.00            | -2.57            |
| 6665                 | -10.30          | -10.38 | - | - | -7.33    | 4.27       | -3.06      | -1.00            | -2.06            |
| 6825                 | -10.61          | -10.54 | - | - | -7.56    | 4.27       | -3.30      | -1.00            | -2.30            |
| 6985                 | -9.73           | -9.91  | - | - | -6.81    | 3.51       | -3.30      | -1.00            | -2.30            |

**Table 206 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU SP   | Duty Cycle (%):          | 97.3 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | 7.91            | 7.88 | - | - | 10.90    | 3.48       | 14.39      | 17.00            | -2.61            |
| 6175                 | 6.89            | 7.04 | - | - | 9.97     | 3.89       | 13.87      | 17.00            | -3.13            |
| 6415                 | 7.38            | 7.17 | - | - | 10.29    | 3.80       | 14.08      | 17.00            | -2.92            |
| 6435                 | 7.01            | 6.83 | - | - | 9.93     | 3.88       | 13.81      | 17.00            | -3.19            |
| 6475                 | 6.73            | 6.85 | - | - | 9.80     | 3.88       | 13.68      | 17.00            | -3.32            |
| 6515                 | 7.35            | 6.91 | - | - | 10.14    | 3.88       | 14.02      | 17.00            | -2.98            |
| 6535                 | 6.80            | 6.97 | - | - | 9.90     | 4.27       | 14.17      | 17.00            | -2.83            |
| 6695                 | 6.71            | 6.86 | - | - | 9.80     | 4.27       | 14.06      | 17.00            | -2.94            |
| 6855                 | 6.76            | 7.14 | - | - | 9.96     | 4.27       | 14.23      | 17.00            | -2.77            |

**Table 207 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU SP   | Duty Cycle (%):          | 97.2 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | 6.72            | 6.88 | - | - | 9.81     | 3.48       | 13.30      | 17.00            | -3.70            |
| 6165                 | 6.01            | 5.77 | - | - | 8.90     | 3.89       | 12.80      | 17.00            | -4.20            |
| 6405                 | 6.28            | 6.37 | - | - | 9.33     | 3.80       | 13.13      | 17.00            | -3.87            |
| 6445                 | 6.35            | 6.36 | - | - | 9.37     | 3.88       | 13.24      | 17.00            | -3.76            |
| 6485                 | 6.02            | 6.08 | - | - | 9.06     | 3.88       | 12.94      | 17.00            | -4.06            |
| 6525                 | 6.14            | 5.93 | - | - | 9.05     | 4.27       | 13.32      | 17.00            | -3.68            |
| 6565                 | 6.33            | 6.22 | - | - | 9.28     | 4.27       | 13.55      | 17.00            | -3.45            |
| 6685                 | 6.44            | 6.40 | - | - | 9.43     | 4.27       | 13.70      | 17.00            | -3.30            |
| 6845                 | 6.32            | 6.33 | - | - | 9.34     | 4.27       | 13.61      | 17.00            | -3.39            |

**Table 208 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU SP   | Duty Cycle (%):          | 96.0 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.18 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | 3.64            | 3.68 | - | - | 6.67     | 3.48       | 10.15      | 17.00            | -6.85            |
| 6145                 | 3.12            | 3.40 | - | - | 6.27     | 3.89       | 10.17      | 17.00            | -6.83            |
| 6385                 | 3.32            | 3.13 | - | - | 6.24     | 3.80       | 10.04      | 17.00            | -6.96            |
| 6465                 | 3.43            | 3.25 | - | - | 6.35     | 3.88       | 10.23      | 17.00            | -6.77            |
| 6545                 | 3.64            | 3.62 | - | - | 6.64     | 4.27       | 10.91      | 17.00            | -6.09            |
| 6625                 | 3.57            | 3.12 | - | - | 6.36     | 4.27       | 10.63      | 17.00            | -6.37            |
| 6705                 | 3.72            | 3.59 | - | - | 6.67     | 4.27       | 10.94      | 17.00            | -6.06            |
| 6785                 | 3.51            | 3.70 | - | - | 6.62     | 4.27       | 10.89      | 17.00            | -6.11            |

**Table 209 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU SP  | Duty Cycle (%):          | 95.2 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.21 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -0.82           | -0.89 | - | - | 2.15     | 3.48       | 5.64       | 17.00            | -11.36           |
| 6185                 | -0.57           | -0.68 | - | - | 2.38     | 3.89       | 6.28       | 17.00            | -10.72           |
| 6345                 | -0.63           | -0.88 | - | - | 2.26     | 3.80       | 6.05       | 17.00            | -10.95           |
| 6505                 | -1.14           | -1.53 | - | - | 1.68     | 4.27       | 5.95       | 17.00            | -11.05           |
| 6665                 | -1.42           | -1.73 | - | - | 1.44     | 4.27       | 5.71       | 17.00            | -11.29           |

**Table 210 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU VLP  | Duty Cycle (%):          | 97.4 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.11 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6115                 | -15.21          | -14.49 | - | - | -11.83   | 3.89       | -7.93      | -5.00            | -2.93            |
| 6275                 | -14.15          | -14.53 | - | - | -11.33   | 3.80       | -7.53      | -5.00            | -2.53            |
| 6415                 | -14.16          | -14.75 | - | - | -11.43   | 3.80       | -7.64      | -5.00            | -2.64            |
| 6535                 | -15.00          | -15.78 | - | - | -12.36   | 4.27       | -8.10      | -5.00            | -3.10            |
| 6695                 | -14.91          | -15.85 | - | - | -12.34   | 4.27       | -8.08      | -5.00            | -3.08            |
| 6855                 | -15.30          | -16.93 | - | - | -13.03   | 4.27       | -8.76      | -5.00            | -3.76            |

**Table 211 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU VLP  | Duty Cycle (%):          | 96.9 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.14 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6125                 | -15.40          | -15.23 | - | - | -12.30   | 3.89       | -8.41      | -5.00            | -3.41            |
| 6285                 | -14.72          | -15.28 | - | - | -11.98   | 3.80       | -8.19      | -5.00            | -3.19            |
| 6405                 | -14.87          | -15.74 | - | - | -12.27   | 3.80       | -8.48      | -5.00            | -3.48            |
| 6565                 | -15.39          | -15.70 | - | - | -12.53   | 4.27       | -8.27      | -5.00            | -3.27            |
| 6685                 | -15.05          | -15.58 | - | - | -12.29   | 4.27       | -8.03      | -5.00            | -3.03            |
| 6845                 | -15.49          | -16.19 | - | - | -12.82   | 4.27       | -8.55      | -5.00            | -3.55            |

**Table 212 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU VLP  | Duty Cycle (%):          | 96.8 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.14 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6145                 | -14.74          | -14.80 | - | - | -11.76   | 3.89       | -7.86      | -5.00            | -2.86            |
| 6225                 | -14.40          | -14.38 | - | - | -11.38   | 3.89       | -7.49      | -5.00            | -2.49            |
| 6385                 | -14.31          | -14.68 | - | - | -11.48   | 3.80       | -7.69      | -5.00            | -2.69            |
| 6625                 | -14.92          | -15.10 | - | - | -12.00   | 4.27       | -7.73      | -5.00            | -2.73            |
| 6705                 | -15.45          | -15.88 | - | - | -12.65   | 4.27       | -8.38      | -5.00            | -3.38            |
| 6785                 | -15.83          | -16.76 | - | - | -13.26   | 4.27       | -8.99      | -5.00            | -3.99            |

**Table 213 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU VLP | Duty Cycle (%):          | 95.3 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.21 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6185                 | -13.83          | -13.65 | - | - | -10.73   | 3.89       | -6.84      | -5.00            | -1.84            |
| 6345                 | -13.71          | -14.21 | - | - | -10.94   | 3.80       | -7.15      | -5.00            | -2.15            |
| 6665                 | -14.64          | -14.75 | - | - | -11.68   | 4.27       | -7.41      | -5.00            | -2.41            |

**Table 214 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 LPI | Duty Cycle (%):          | 97.6 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.11 |
| Antenna Configuration:    | MIMO CDD               | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | -10.09          | -8.99  | - | - | -6.49    | 3.48       | -3.01      | -1.00            | -2.01            |
| 6175 (RU26.0)        | -10.80          | -10.81 | - | - | -7.79    | 3.89       | -3.90      | -1.00            | -2.90            |
| 6415 (RU26.8)        | -10.43          | -11.36 | - | - | -7.86    | 3.80       | -4.06      | -1.00            | -3.06            |
| 6435 (RU26.0)        | -10.29          | -10.82 | - | - | -7.53    | 3.88       | -3.66      | -1.00            | -2.66            |
| 6475 (RU26.0)        | -10.17          | -11.51 | - | - | -7.78    | 3.88       | -3.90      | -1.00            | -2.90            |
| 6515 (RU26.8)        | -10.67          | -11.72 | - | - | -8.15    | 3.88       | -4.28      | -1.00            | -3.28            |
| 6535 (RU26.0)        | -10.95          | -11.86 | - | - | -8.37    | 4.27       | -4.10      | -1.00            | -3.10            |
| 6695 (RU26.0)        | -11.52          | -12.22 | - | - | -8.85    | 4.27       | -4.58      | -1.00            | -3.58            |
| 6855 (RU26.8)        | -10.94          | -12.66 | - | - | -8.71    | 4.27       | -4.44      | -1.00            | -3.44            |
| 6875 (RU26.3)        | -11.20          | -12.99 | - | - | -8.99    | 4.27       | -4.72      | -1.00            | -3.72            |
| 6875 (RU26.5)        | -10.98          | -12.29 | - | - | -8.58    | 3.51       | -5.07      | -1.00            | -4.07            |
| 6895 (RU26.0)        | -10.56          | -11.73 | - | - | -8.09    | 3.51       | -4.59      | -1.00            | -3.59            |
| 6995 (RU26.0)        | -10.59          | -11.52 | - | - | -8.02    | 3.51       | -4.51      | -1.00            | -3.51            |
| 7095 (RU26.8)        | -10.59          | -11.62 | - | - | -8.06    | 3.51       | -4.56      | -1.00            | -3.56            |

**Table 215 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 LPI | Duty Cycle (%):          | 97.0 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.13 |
| Antenna Configuration:    | MIMO CDD               | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | -9.68           | -9.03  | - | - | -6.33    | 3.48       | -2.85      | -1.00            | -1.85            |
| 6175 (RU52.37)       | -10.31          | -10.46 | - | - | -7.37    | 3.89       | -3.48      | -1.00            | -2.48            |
| 6415 (RU52.40)       | -10.06          | -10.31 | - | - | -7.17    | 3.80       | -3.38      | -1.00            | -2.38            |
| 6435 (RU52.37)       | -10.08          | -10.46 | - | - | -7.26    | 3.88       | -3.38      | -1.00            | -2.38            |
| 6475 (RU52.37)       | -10.26          | -10.98 | - | - | -7.60    | 3.88       | -3.72      | -1.00            | -2.72            |
| 6515 (RU52.40)       | -10.28          | -10.44 | - | - | -7.35    | 3.88       | -3.47      | -1.00            | -2.47            |
| 6535 (RU52.37)       | -10.60          | -11.64 | - | - | -8.08    | 4.27       | -3.81      | -1.00            | -2.81            |
| 6695 (RU52.37)       | -10.78          | -11.51 | - | - | -8.12    | 4.27       | -3.85      | -1.00            | -2.85            |
| 6855 (RU52.40)       | -10.30          | -11.12 | - | - | -7.68    | 4.27       | -3.41      | -1.00            | -2.41            |
| 6875 (RU52.38)       | -10.62          | -12.20 | - | - | -8.33    | 4.27       | -4.06      | -1.00            | -3.06            |
| 6875 (RU52.39)       | -10.61          | -12.27 | - | - | -8.35    | 3.51       | -4.84      | -1.00            | -3.84            |
| 6895 (RU52.37)       | -9.67           | -10.98 | - | - | -7.27    | 3.51       | -3.76      | -1.00            | -2.76            |
| 6995 (RU52.37)       | -9.97           | -10.90 | - | - | -7.40    | 3.51       | -3.89      | -1.00            | -2.89            |
| 7095 (RU52.40)       | -9.41           | -9.77  | - | - | -6.58    | 3.51       | -3.07      | -1.00            | -2.07            |

**Table 216 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                         |                          |      |
|---------------------------|-------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 LPI | Duty Cycle (%):          | 98.5 |
| Modulation Coding Scheme: | MCS2x1                  | DCCF (dB):               | 0.07 |
| Antenna Configuration:    | MIMO CDD                | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)   | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | -9.75           | -9.04  | - | - | -6.37    | 3.48       | -2.89      | -1.00            | -1.89            |
| 6175 (RU106.53)      | -10.42          | -10.51 | - | - | -7.46    | 3.89       | -3.56      | -1.00            | -2.56            |
| 6415 (RU106.54)      | -10.19          | -10.29 | - | - | -7.23    | 3.80       | -3.43      | -1.00            | -2.43            |
| 6435 (RU106.53)      | -10.35          | -10.63 | - | - | -7.48    | 3.88       | -3.60      | -1.00            | -2.60            |
| 6475 (RU106.53)      | -10.23          | -11.37 | - | - | -7.75    | 3.88       | -3.87      | -1.00            | -2.87            |
| 6515 (RU106.54)      | -9.86           | -11.10 | - | - | -7.43    | 3.88       | -3.55      | -1.00            | -2.55            |
| 6535 (RU106.53)      | -10.78          | -11.39 | - | - | -8.06    | 4.27       | -3.80      | -1.00            | -2.80            |
| 6695 (RU106.53)      | -10.96          | -11.76 | - | - | -8.33    | 4.27       | -4.06      | -1.00            | -3.06            |
| 6855 (RU106.54)      | -10.42          | -11.47 | - | - | -7.90    | 4.27       | -3.64      | -1.00            | -2.64            |
| 6875 (RU106.53)      | -10.51          | -11.53 | - | - | -7.98    | 4.27       | -3.71      | -1.00            | -2.71            |
| 6875 (RU106.54)      | -10.41          | -11.46 | - | - | -7.89    | 3.51       | -4.38      | -1.00            | -3.38            |
| 6895 (RU106.53)      | -9.76           | -10.98 | - | - | -7.31    | 3.51       | -3.81      | -1.00            | -2.81            |
| 6995 (RU106.53)      | -9.73           | -10.77 | - | - | -7.21    | 3.51       | -3.70      | -1.00            | -2.70            |
| 7095 (RU106.54)      | -9.99           | -10.86 | - | - | -7.39    | 3.51       | -3.88      | -1.00            | -2.88            |

**Table 217 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 SP | Duty Cycle (%):          | 97.3 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.12 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | 8.20            | 8.30 | - | - | 11.26    | 3.48       | 14.75      | 17.00            | -2.25            |
| 6175 (RU26.0)        | 7.17            | 7.02 | - | - | 10.11    | 3.89       | 14.00      | 17.00            | -3.00            |
| 6415 (RU26.8)        | 7.08            | 7.53 | - | - | 10.32    | 3.80       | 14.12      | 17.00            | -2.88            |
| 6435 (RU26.0)        | 7.11            | 7.23 | - | - | 10.18    | 3.88       | 14.06      | 17.00            | -2.94            |
| 6475 (RU26.0)        | 7.01            | 7.23 | - | - | 10.13    | 3.88       | 14.01      | 17.00            | -2.99            |
| 6515 (RU26.8)        | 7.07            | 7.56 | - | - | 10.33    | 3.88       | 14.21      | 17.00            | -2.79            |
| 6535 (RU26.0)        | 6.66            | 6.78 | - | - | 9.73     | 4.27       | 14.00      | 17.00            | -3.00            |
| 6695 (RU26.0)        | 6.45            | 7.06 | - | - | 9.78     | 4.27       | 14.04      | 17.00            | -2.96            |
| 6855 (RU26.8)        | 7.53            | 7.00 | - | - | 10.29    | 4.27       | 14.55      | 17.00            | -2.45            |

**Table 218 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 SP | Duty Cycle (%):          | 97.8 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.10 |
| Antenna Configuration:    | MIMO CDD              | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | 8.41            | 8.36 | - | - | 11.39    | 3.48       | 14.88      | 17.00            | -2.12            |
| 6175 (RU52.37)       | 7.58            | 7.96 | - | - | 10.78    | 3.89       | 14.68      | 17.00            | -2.32            |
| 6415 (RU52.40)       | 7.69            | 8.22 | - | - | 10.97    | 3.80       | 14.77      | 17.00            | -2.23            |
| 6435 (RU52.37)       | 7.56            | 7.94 | - | - | 10.77    | 3.88       | 14.64      | 17.00            | -2.36            |
| 6475 (RU52.37)       | 7.34            | 7.72 | - | - | 10.55    | 3.88       | 14.42      | 17.00            | -2.58            |
| 6515 (RU52.40)       | 7.26            | 7.62 | - | - | 10.45    | 3.88       | 14.33      | 17.00            | -2.67            |
| 6535 (RU52.37)       | 6.88            | 7.23 | - | - | 10.07    | 4.27       | 14.34      | 17.00            | -2.66            |
| 6695 (RU52.37)       | 6.97            | 6.93 | - | - | 9.96     | 4.27       | 14.23      | 17.00            | -2.77            |
| 6855 (RU52.40)       | 7.18            | 7.45 | - | - | 10.33    | 4.27       | 14.59      | 17.00            | -2.41            |

**Table 219 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)f)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 SP | Duty Cycle (%):          | 98.5 |
| Modulation Coding Scheme: | MCS2x1                 | DCCF (dB):               | 0.06 |
| Antenna Configuration:    | MIMO CDD               | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | 9.58            | 8.66 | - | - | 12.15    | 3.48       | 15.64      | 17.00            | -1.36            |
| 6175 (RU106.53)      | 7.87            | 8.32 | - | - | 11.11    | 3.89       | 15.01      | 17.00            | -1.99            |
| 6415 (RU106.54)      | 7.79            | 7.99 | - | - | 10.90    | 3.80       | 14.70      | 17.00            | -2.30            |
| 6435 (RU106.53)      | 7.44            | 7.82 | - | - | 10.64    | 3.88       | 14.52      | 17.00            | -2.48            |
| 6475 (RU106.53)      | 7.66            | 8.07 | - | - | 10.88    | 3.88       | 14.76      | 17.00            | -2.24            |
| 6515 (RU106.54)      | 7.41            | 7.77 | - | - | 10.60    | 3.88       | 14.48      | 17.00            | -2.52            |
| 6535 (RU106.53)      | 7.29            | 7.32 | - | - | 10.32    | 4.27       | 14.58      | 17.00            | -2.42            |
| 6695 (RU106.53)      | 7.17            | 7.11 | - | - | 10.16    | 4.27       | 14.42      | 17.00            | -2.58            |
| 6855 (RU106.54)      | 7.22            | 7.35 | - | - | 10.30    | 4.27       | 14.56      | 17.00            | -2.44            |

**Table 220 - Maximum Power Spectral Density Results**



## MIMO SDM

| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU LPI  | Duty Cycle (%):          | 94.8 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.23 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | -6.70           | -6.55 | - | - | -3.61    | 0.48       | -3.14      | -1.00            | -2.14            |
| 6175                 | -7.74           | -7.74 | - | - | -4.73    | 0.90       | -3.83      | -1.00            | -2.83            |
| 6415                 | -7.42           | -7.55 | - | - | -4.48    | 0.83       | -3.65      | -1.00            | -2.65            |
| 6435                 | -7.30           | -7.46 | - | - | -4.37    | 0.88       | -3.49      | -1.00            | -2.49            |
| 6475                 | -7.90           | -7.91 | - | - | -4.89    | 0.88       | -4.01      | -1.00            | -3.01            |
| 6515                 | -7.65           | -7.37 | - | - | -4.50    | 0.88       | -3.62      | -1.00            | -2.62            |
| 6535                 | -8.04           | -8.23 | - | - | -5.12    | 1.27       | -3.85      | -1.00            | -2.85            |
| 6695                 | -8.11           | -7.93 | - | - | -5.01    | 1.27       | -3.74      | -1.00            | -2.74            |
| 6855                 | -7.99           | -7.90 | - | - | -4.94    | 1.27       | -3.67      | -1.00            | -2.67            |
| 6875                 | -7.94           | -8.44 | - | - | -5.17    | 1.27       | -3.91      | -1.00            | -2.91            |
| 6895                 | -7.03           | -7.41 | - | - | -4.21    | 0.62       | -3.59      | -1.00            | -2.59            |
| 6995                 | -7.69           | -7.68 | - | - | -4.68    | 0.62       | -4.06      | -1.00            | -3.06            |
| 7095                 | -7.39           | -7.63 | - | - | -4.50    | 0.62       | -3.88      | -1.00            | -2.88            |

**Table 221 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU LPI  | Duty Cycle (%):          | 94.8 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.23 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | -7.05           | -7.02 | - | - | -4.03    | 0.48       | -3.55      | -1.00            | -2.55            |
| 6165                 | -7.78           | -7.98 | - | - | -4.87    | 0.90       | -3.97      | -1.00            | -2.97            |
| 6405                 | -7.95           | -7.91 | - | - | -4.92    | 0.83       | -4.09      | -1.00            | -3.09            |
| 6445                 | -7.77           | -7.99 | - | - | -4.87    | 0.88       | -3.98      | -1.00            | -2.98            |
| 6485                 | -8.12           | -8.14 | - | - | -5.12    | 0.88       | -4.24      | -1.00            | -3.24            |
| 6525                 | -8.45           | -8.54 | - | - | -5.49    | 1.27       | -4.22      | -1.00            | -3.22            |
| 6565                 | -8.54           | -8.47 | - | - | -5.49    | 1.27       | -4.23      | -1.00            | -3.23            |
| 6685                 | -8.49           | -7.98 | - | - | -5.22    | 1.27       | -3.95      | -1.00            | -2.95            |
| 6845                 | -8.34           | -8.25 | - | - | -5.29    | 1.27       | -4.02      | -1.00            | -3.02            |
| 6885                 | -8.20           | -8.33 | - | - | -5.25    | 1.27       | -3.98      | -1.00            | -2.98            |
| 6925                 | -7.18           | -8.01 | - | - | -4.56    | 0.62       | -3.95      | -1.00            | -2.95            |
| 7005                 | -7.30           | -7.65 | - | - | -4.46    | 0.62       | -3.84      | -1.00            | -2.84            |
| 7085                 | -7.39           | -7.58 | - | - | -4.47    | 0.62       | -3.86      | -1.00            | -2.86            |

Table 222 - Maximum Power Spectral Density Results



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU LPI  | Duty Cycle (%):          | 94.3 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.25 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | -6.98           | -7.31 | - | - | -4.13    | 0.48       | -3.66      | -1.00            | -2.66            |
| 6145                 | -7.67           | -7.86 | - | - | -4.75    | 0.90       | -3.86      | -1.00            | -2.86            |
| 6385                 | -7.61           | -7.80 | - | - | -4.70    | 0.83       | -3.87      | -1.00            | -2.87            |
| 6465                 | -7.88           | -8.03 | - | - | -4.95    | 0.88       | -4.07      | -1.00            | -3.07            |
| 6545                 | -7.92           | -7.88 | - | - | -4.89    | 1.27       | -3.62      | -1.00            | -2.62            |
| 6625                 | -8.18           | -8.53 | - | - | -5.34    | 1.27       | -4.08      | -1.00            | -3.08            |
| 6705                 | -8.16           | -7.95 | - | - | -5.04    | 1.27       | -3.78      | -1.00            | -2.78            |
| 6785                 | -7.94           | -8.16 | - | - | -5.04    | 1.27       | -3.78      | -1.00            | -2.78            |
| 6865                 | -8.04           | -7.82 | - | - | -4.92    | 1.27       | -3.65      | -1.00            | -2.65            |
| 6945                 | -6.80           | -7.43 | - | - | -4.10    | 0.62       | -3.48      | -1.00            | -2.48            |
| 7025                 | -7.54           | -7.38 | - | - | -4.45    | 0.62       | -3.83      | -1.00            | -2.83            |

**Table 223 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU LPI | Duty Cycle (%):          | 92.8 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.32 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -6.56           | -6.67 | - | - | -3.60    | 0.48       | -3.13      | -1.00            | -2.13            |
| 6185                 | -6.89           | -6.58 | - | - | -3.72    | 0.90       | -2.83      | -1.00            | -1.83            |
| 6345                 | -6.94           | -6.94 | - | - | -3.93    | 0.83       | -3.10      | -1.00            | -2.10            |
| 6505                 | -7.65           | -7.90 | - | - | -4.76    | 1.27       | -3.49      | -1.00            | -2.49            |
| 6665                 | -7.39           | -7.17 | - | - | -4.26    | 1.27       | -3.00      | -1.00            | -2.00            |
| 6825                 | -7.24           | -7.83 | - | - | -4.52    | 1.27       | -3.25      | -1.00            | -2.25            |
| 6985                 | -7.15           | -7.50 | - | - | -4.31    | 0.62       | -3.70      | -1.00            | -2.70            |

**Table 224 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU SP   | Duty Cycle (%):          | 95.0 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.22 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | 9.73            | 9.59 | - | - | 12.67    | 0.48       | 13.15      | 17.00            | -3.85            |
| 6175                 | 9.08            | 9.12 | - | - | 12.11    | 0.90       | 13.01      | 17.00            | -3.99            |
| 6415                 | 9.02            | 8.78 | - | - | 11.91    | 0.83       | 12.74      | 17.00            | -4.26            |
| 6435                 | 9.17            | 8.92 | - | - | 12.06    | 0.88       | 12.94      | 17.00            | -4.06            |
| 6475                 | 8.81            | 8.81 | - | - | 11.82    | 0.88       | 12.70      | 17.00            | -4.30            |
| 6515                 | 9.08            | 8.71 | - | - | 11.91    | 0.88       | 12.79      | 17.00            | -4.21            |
| 6535                 | 8.91            | 8.88 | - | - | 11.91    | 1.27       | 13.17      | 17.00            | -3.83            |
| 6695                 | 9.36            | 8.74 | - | - | 12.07    | 1.27       | 13.34      | 17.00            | -3.66            |
| 6855                 | 9.18            | 8.98 | - | - | 12.09    | 1.27       | 13.36      | 17.00            | -3.64            |

**Table 225 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU SP   | Duty Cycle (%):          | 94.8 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.23 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | 6.66            | 6.58 | - | - | 9.63     | 0.48       | 10.10      | 17.00            | -6.90            |
| 6165                 | 6.16            | 5.72 | - | - | 8.96     | 0.90       | 9.86       | 17.00            | -7.14            |
| 6405                 | 6.06            | 6.18 | - | - | 9.13     | 0.83       | 9.96       | 17.00            | -7.04            |
| 6445                 | 6.32            | 6.07 | - | - | 9.21     | 0.88       | 10.09      | 17.00            | -6.91            |
| 6485                 | 6.07            | 5.88 | - | - | 8.99     | 0.88       | 9.87       | 17.00            | -7.13            |
| 6525                 | 5.74            | 5.97 | - | - | 8.86     | 1.27       | 10.13      | 17.00            | -6.87            |
| 6565                 | 5.74            | 6.05 | - | - | 8.91     | 1.27       | 10.17      | 17.00            | -6.83            |
| 6685                 | 6.12            | 6.36 | - | - | 9.25     | 1.27       | 10.52      | 17.00            | -6.48            |
| 6845                 | 6.49            | 6.68 | - | - | 9.60     | 1.27       | 10.86      | 17.00            | -6.14            |

**Table 226 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU SP   | Duty Cycle (%):          | 94.7 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.24 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | 3.69            | 3.47 | - | - | 6.59     | 0.48       | 7.07       | 17.00            | -9.93            |
| 6145                 | 3.50            | 3.51 | - | - | 6.51     | 0.90       | 7.41       | 17.00            | -9.59            |
| 6385                 | 3.32            | 3.30 | - | - | 6.32     | 0.83       | 7.15       | 17.00            | -9.85            |
| 6465                 | 3.64            | 2.90 | - | - | 6.30     | 0.88       | 7.18       | 17.00            | -9.82            |
| 6545                 | 3.45            | 3.48 | - | - | 6.48     | 1.27       | 7.74       | 17.00            | -9.26            |
| 6625                 | 3.40            | 3.24 | - | - | 6.33     | 1.27       | 7.59       | 17.00            | -9.41            |
| 6705                 | 3.68            | 3.58 | - | - | 6.64     | 1.27       | 7.91       | 17.00            | -9.09            |
| 6785                 | 3.68            | 3.67 | - | - | 6.68     | 1.27       | 7.95       | 17.00            | -9.05            |

**Table 227 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU SP  | Duty Cycle (%):          | 93.4 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.30 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 6025                 | -0.73           | -0.83 | - | - | 2.23     | 0.48       | 2.71       | 17.00            | -14.29           |
| 6185                 | -0.54           | -0.47 | - | - | 2.51     | 0.90       | 3.40       | 17.00            | -13.60           |
| 6345                 | -0.10           | -1.60 | - | - | 2.23     | 0.83       | 3.06       | 17.00            | -13.94           |
| 6505                 | -2.05           | -1.92 | - | - | 1.03     | 1.27       | 2.30       | 17.00            | -14.70           |
| 6665                 | -1.39           | -1.67 | - | - | 1.48     | 1.27       | 2.75       | 17.00            | -14.25           |

**Table 228 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU VLP  | Duty Cycle (%):          | 95.4 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.21 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6115                 | -11.97          | -11.81 | - | - | -8.88    | 0.90       | -7.98      | -5.00            | -2.98            |
| 6275                 | -11.39          | -11.46 | - | - | -8.42    | 0.83       | -7.59      | -5.00            | -2.59            |
| 6415                 | -11.83          | -12.31 | - | - | -9.06    | 0.83       | -8.23      | -5.00            | -3.23            |
| 6535                 | -12.18          | -12.89 | - | - | -9.51    | 1.27       | -8.25      | -5.00            | -3.25            |
| 6695                 | -11.78          | -12.87 | - | - | -9.28    | 1.27       | -8.02      | -5.00            | -3.02            |
| 6855                 | -12.25          | -13.73 | - | - | -9.92    | 1.27       | -8.65      | -5.00            | -3.65            |

**Table 229 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU VLP  | Duty Cycle (%):          | 95.4 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.20 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6125                 | -11.72          | -11.79 | - | - | -8.74    | 0.90       | -7.84      | -5.00            | -2.84            |
| 6285                 | -11.84          | -12.14 | - | - | -8.98    | 0.83       | -8.15      | -5.00            | -3.15            |
| 6405                 | -11.43          | -11.40 | - | - | -8.40    | 0.83       | -7.57      | -5.00            | -2.57            |
| 6565                 | -12.03          | -12.56 | - | - | -9.28    | 1.27       | -8.01      | -5.00            | -3.01            |
| 6685                 | -12.66          | -13.02 | - | - | -9.83    | 1.27       | -8.56      | -5.00            | -3.56            |
| 6845                 | -12.18          | -13.26 | - | - | -9.67    | 1.27       | -8.41      | -5.00            | -3.41            |

**Table 230 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU VLP  | Duty Cycle (%):          | 94.5 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.25 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6145                 | -11.95          | -11.77 | - | - | -8.85    | 0.90       | -7.95      | -5.00            | -2.95            |
| 6225                 | -11.22          | -11.08 | - | - | -8.14    | 0.90       | -7.24      | -5.00            | -2.24            |
| 6385                 | -11.50          | -11.84 | - | - | -8.66    | 0.83       | -7.82      | -5.00            | -2.82            |
| 6625                 | -11.97          | -12.24 | - | - | -9.09    | 1.27       | -7.82      | -5.00            | -2.82            |
| 6705                 | -11.68          | -12.01 | - | - | -8.83    | 1.27       | -7.57      | -5.00            | -2.57            |
| 6785                 | -11.99          | -11.83 | - | - | -8.90    | 1.27       | -7.63      | -5.00            | -2.63            |

**Table 231 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE160 SU VLP | Duty Cycle (%):          | 92.8 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.32 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6185                 | -11.34          | -10.98 | - | - | -8.14    | 0.90       | -7.25      | -5.00            | -2.25            |
| 6345                 | -11.40          | -11.80 | - | - | -8.58    | 0.83       | -7.75      | -5.00            | -2.75            |
| 6665                 | -12.38          | -12.19 | - | - | -9.28    | 1.27       | -8.01      | -5.00            | -3.01            |

**Table 232 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 LPI | Duty Cycle (%):          | 97.6 |
| Modulation Coding Scheme: | MCS2x2                 | DCCF (dB):               | 0.11 |
| Antenna Configuration:    | MIMO SDM               | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | -6.88           | -6.28 | - | - | -3.56    | 0.48       | -3.09      | -1.00            | -2.09            |
| 6175 (RU26.0)        | -7.86           | -7.45 | - | - | -4.64    | 0.90       | -3.74      | -1.00            | -2.74            |
| 6415 (RU26.8)        | -7.43           | -7.93 | - | - | -4.66    | 0.83       | -3.83      | -1.00            | -2.83            |
| 6435 (RU26.0)        | -7.38           | -7.52 | - | - | -4.44    | 0.88       | -3.56      | -1.00            | -2.56            |
| 6475 (RU26.0)        | -7.10           | -8.07 | - | - | -4.55    | 0.88       | -3.67      | -1.00            | -2.67            |
| 6515 (RU26.8)        | -6.95           | -8.12 | - | - | -4.49    | 0.88       | -3.61      | -1.00            | -2.61            |
| 6535 (RU26.0)        | -7.82           | -8.66 | - | - | -5.21    | 1.27       | -3.94      | -1.00            | -2.94            |
| 6695 (RU26.0)        | -7.90           | -8.83 | - | - | -5.33    | 1.27       | -4.07      | -1.00            | -3.07            |
| 6855 (RU26.8)        | -7.55           | -8.68 | - | - | -5.07    | 1.27       | -3.80      | -1.00            | -2.80            |
| 6875 (RU26.3)        | -7.54           | -9.52 | - | - | -5.41    | 1.27       | -4.14      | -1.00            | -3.14            |
| 6875 (RU26.5)        | -7.54           | -9.38 | - | - | -5.35    | 0.62       | -4.73      | -1.00            | -3.73            |
| 6895 (RU26.0)        | -6.86           | -7.91 | - | - | -4.34    | 0.62       | -3.72      | -1.00            | -2.72            |
| 6995 (RU26.0)        | -6.94           | -8.00 | - | - | -4.43    | 0.62       | -3.81      | -1.00            | -2.81            |
| 7095 (RU26.8)        | -6.95           | -8.02 | - | - | -4.44    | 0.62       | -3.83      | -1.00            | -2.83            |

**Table 233 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 LPI | Duty Cycle (%):          | 97.4 |
| Modulation Coding Scheme: | MCS2x2                 | DCCF (dB):               | 0.11 |
| Antenna Configuration:    | MIMO SDM               | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | -7.04           | -6.28 | - | - | -3.63    | 0.48       | -3.16      | -1.00            | -2.16            |
| 6175 (RU52.37)       | -7.71           | -7.50 | - | - | -4.59    | 0.90       | -3.70      | -1.00            | -2.70            |
| 6415 (RU52.40)       | -7.52           | -7.63 | - | - | -4.56    | 0.83       | -3.73      | -1.00            | -2.73            |
| 6435 (RU52.37)       | -7.33           | -7.47 | - | - | -4.39    | 0.88       | -3.51      | -1.00            | -2.51            |
| 6475 (RU52.37)       | -7.58           | -8.17 | - | - | -4.86    | 0.88       | -3.98      | -1.00            | -2.98            |
| 6515 (RU52.40)       | -7.31           | -7.70 | - | - | -4.49    | 0.88       | -3.61      | -1.00            | -2.61            |
| 6535 (RU52.37)       | -7.61           | -8.23 | - | - | -4.90    | 1.27       | -3.63      | -1.00            | -2.63            |
| 6695 (RU52.37)       | -8.06           | -8.86 | - | - | -5.43    | 1.27       | -4.16      | -1.00            | -3.16            |
| 6855 (RU52.40)       | -7.69           | -8.37 | - | - | -5.01    | 1.27       | -3.74      | -1.00            | -2.74            |
| 6875 (RU52.38)       | -7.66           | -8.82 | - | - | -5.19    | 1.27       | -3.93      | -1.00            | -2.93            |
| 6875 (RU52.39)       | -7.63           | -8.80 | - | - | -5.16    | 0.62       | -4.54      | -1.00            | -3.54            |
| 6895 (RU52.37)       | -7.16           | -8.16 | - | - | -4.62    | 0.62       | -4.00      | -1.00            | -3.00            |
| 6995 (RU52.37)       | -7.04           | -8.10 | - | - | -4.53    | 0.62       | -3.91      | -1.00            | -2.91            |
| 7095 (RU52.40)       | -7.01           | -7.40 | - | - | -4.19    | 0.62       | -3.57      | -1.00            | -2.57            |

**Table 234 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)                   |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                         |                          |      |
|---------------------------|-------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 LPI | Duty Cycle (%):          | 98.4 |
| Modulation Coding Scheme: | MCS2x2                  | DCCF (dB):               | 0.07 |
| Antenna Configuration:    | MIMO SDM                | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)   | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | -6.82           | -6.45 | - | - | -3.62    | 0.48       | -3.15      | -1.00            | -2.15            |
| 6175 (RU106.53)      | -7.42           | -7.35 | - | - | -4.38    | 0.90       | -3.48      | -1.00            | -2.48            |
| 6415 (RU106.54)      | -7.09           | -7.63 | - | - | -4.34    | 0.83       | -3.51      | -1.00            | -2.51            |
| 6435 (RU106.53)      | -7.05           | -7.60 | - | - | -4.31    | 0.88       | -3.42      | -1.00            | -2.42            |
| 6475 (RU106.53)      | -7.13           | -8.18 | - | - | -4.61    | 0.88       | -3.73      | -1.00            | -2.73            |
| 6515 (RU106.54)      | -7.13           | -7.97 | - | - | -4.52    | 0.88       | -3.64      | -1.00            | -2.64            |
| 6535 (RU106.53)      | -7.62           | -8.77 | - | - | -5.14    | 1.27       | -3.88      | -1.00            | -2.88            |
| 6695 (RU106.53)      | -7.71           | -8.84 | - | - | -5.23    | 1.27       | -3.96      | -1.00            | -2.96            |
| 6855 (RU106.54)      | -7.40           | -8.69 | - | - | -4.98    | 1.27       | -3.72      | -1.00            | -2.72            |
| 6875 (RU106.53)      | -7.44           | -8.61 | - | - | -4.97    | 1.27       | -3.71      | -1.00            | -2.71            |
| 6875 (RU106.54)      | -7.19           | -8.78 | - | - | -4.90    | 0.62       | -4.28      | -1.00            | -3.28            |
| 6895 (RU106.53)      | -6.92           | -8.09 | - | - | -4.45    | 0.62       | -3.84      | -1.00            | -2.84            |
| 6995 (RU106.53)      | -6.93           | -8.26 | - | - | -4.53    | 0.62       | -3.92      | -1.00            | -2.92            |
| 7095 (RU106.54)      | -6.81           | -7.92 | - | - | -4.32    | 0.62       | -3.70      | -1.00            | -2.70            |

**Table 235 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU26 SP | Duty Cycle (%):          | 97.5 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.11 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU26.0)        | 11.03           | 10.54 | - | - | 13.80    | 0.48       | 14.28      | 17.00            | -2.72            |
| 6175 (RU26.0)        | 10.26           | 10.45 | - | - | 13.36    | 0.90       | 14.26      | 17.00            | -2.74            |
| 6415 (RU26.8)        | 10.37           | 10.20 | - | - | 13.30    | 0.83       | 14.13      | 17.00            | -2.87            |
| 6435 (RU26.0)        | 10.34           | 10.33 | - | - | 13.35    | 0.88       | 14.23      | 17.00            | -2.77            |
| 6475 (RU26.0)        | 10.04           | 10.53 | - | - | 13.30    | 0.88       | 14.18      | 17.00            | -2.82            |
| 6515 (RU26.8)        | 10.17           | 10.30 | - | - | 13.25    | 0.88       | 14.13      | 17.00            | -2.87            |
| 6535 (RU26.0)        | 9.79            | 10.15 | - | - | 12.98    | 1.27       | 14.25      | 17.00            | -2.75            |
| 6695 (RU26.0)        | 9.59            | 9.80  | - | - | 12.71    | 1.27       | 13.97      | 17.00            | -3.03            |
| 6855 (RU26.8)        | 9.79            | 9.73  | - | - | 12.77    | 1.27       | 14.04      | 17.00            | -2.96            |

**Table 236 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU52 SP | Duty Cycle (%):          | 97.7 |
| Modulation Coding Scheme: | MCS2x2                | DCCF (dB):               | 0.10 |
| Antenna Configuration:    | MIMO SDM              | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU52.37)       | 10.81           | 10.84 | - | - | 13.83    | 0.48       | 14.31      | 17.00            | -2.69            |
| 6175 (RU52.37)       | 10.58           | 10.76 | - | - | 13.68    | 0.90       | 14.58      | 17.00            | -2.42            |
| 6415 (RU52.40)       | 10.87           | 10.98 | - | - | 13.94    | 0.83       | 14.77      | 17.00            | -2.23            |
| 6435 (RU52.37)       | 10.46           | 10.83 | - | - | 13.66    | 0.88       | 14.54      | 17.00            | -2.46            |
| 6475 (RU52.37)       | 10.33           | 10.62 | - | - | 13.49    | 0.88       | 14.37      | 17.00            | -2.63            |
| 6515 (RU52.40)       | 10.51           | 10.97 | - | - | 13.76    | 0.88       | 14.64      | 17.00            | -2.36            |
| 6535 (RU52.37)       | 9.64            | 9.84  | - | - | 12.75    | 1.27       | 14.02      | 17.00            | -2.98            |
| 6695 (RU52.37)       | 10.21           | 10.72 | - | - | 13.49    | 1.27       | 14.75      | 17.00            | -2.25            |
| 6855 (RU52.40)       | 9.83            | 10.65 | - | - | 13.27    | 1.27       | 14.54      | 17.00            | -2.46            |

**Table 237 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                        |                          |      |
|---------------------------|------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 SP | Duty Cycle (%):          | 97.9 |
| Modulation Coding Scheme: | MCS2x2                 | DCCF (dB):               | 0.09 |
| Antenna Configuration:    | MIMO SDM               | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)  | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |       |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|-------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B     | C | D | $\Sigma$ |            |            |                  |                  |
| 5955 (RU106.53)      | 11.27           | 11.12 | - | - | 14.20    | 0.48       | 14.68      | 17.00            | -2.32            |
| 6175 (RU106.53)      | 10.91           | 10.36 | - | - | 13.66    | 0.90       | 14.56      | 17.00            | -2.44            |
| 6415 (RU106.54)      | 11.05           | 10.92 | - | - | 14.00    | 0.83       | 14.83      | 17.00            | -2.17            |
| 6435 (RU106.53)      | 11.22           | 10.77 | - | - | 14.01    | 0.88       | 14.89      | 17.00            | -2.11            |
| 6475 (RU106.53)      | 10.62           | 10.67 | - | - | 13.66    | 0.88       | 14.54      | 17.00            | -2.46            |
| 6515 (RU106.54)      | 10.45           | 10.66 | - | - | 13.56    | 0.88       | 14.44      | 17.00            | -2.56            |
| 6535 (RU106.53)      | 10.25           | 10.20 | - | - | 13.24    | 1.27       | 14.50      | 17.00            | -2.50            |
| 6695 (RU106.53)      | 10.21           | 10.48 | - | - | 13.36    | 1.27       | 14.62      | 17.00            | -2.38            |
| 6855 (RU106.54)      | 10.44           | 10.37 | - | - | 13.42    | 1.27       | 14.68      | 17.00            | -2.32            |

**Table 238 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(ii), 662911 D01 v02r01 E)2)b)          |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                         |                          |      |
|---------------------------|-------------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 RU106 VLP | Duty Cycle (%):          | 98.6 |
| Modulation Coding Scheme: | MCS2x2                  | DCCF (dB):               | 0.06 |
| Antenna Configuration:    | MIMO SDM                | Peak Antenna Gain (dBi): | 1.27 |
| Active Port(s):           | A+B (Core 0 + Core 1)   | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6115 (RU106.53)      | -11.82          | -11.07 | - | - | -8.42    | 0.90       | -7.52      | -5.00            | -2.52            |
| 6275 (RU106.53)      | -11.00          | -11.20 | - | - | -8.09    | 0.83       | -7.26      | -5.00            | -2.26            |
| 6415 (RU106.54)      | -11.11          | -11.37 | - | - | -8.22    | 0.83       | -7.39      | -5.00            | -2.39            |
| 6535 (RU106.53)      | -11.55          | -12.40 | - | - | -8.94    | 1.27       | -7.68      | -5.00            | -2.68            |
| 6695 (RU106.53)      | -12.06          | -12.38 | - | - | -9.21    | 1.27       | -7.94      | -5.00            | -2.94            |
| 6855 (RU106.54)      | -11.95          | -12.91 | - | - | -9.39    | 1.27       | -8.13      | -5.00            | -3.13            |

**Table 239 - Maximum Power Spectral Density Results**



## TxBF

| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)                    |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU LPI  | Duty Cycle (%):          | 88.7 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.52 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |       | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|-------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | Σ     |            |            |                  |                  |
| 5955                 | -9.57           | -9.27  | - | - | -6.41 | 3.48       | -2.93      | -1.00            | -1.93            |
| 6175                 | -11.39          | -10.38 | - | - | -7.85 | 3.89       | -3.96      | -1.00            | -2.96            |
| 6415                 | -9.62           | -9.94  | - | - | -6.77 | 3.80       | -2.97      | -1.00            | -1.97            |
| 6435                 | -9.93           | -10.08 | - | - | -6.99 | 3.88       | -3.11      | -1.00            | -2.11            |
| 6475                 | -10.20          | -10.17 | - | - | -7.17 | 3.88       | -3.29      | -1.00            | -2.29            |
| 6515                 | -9.79           | -9.81  | - | - | -6.79 | 3.88       | -2.91      | -1.00            | -1.91            |
| 6535                 | -10.16          | -10.41 | - | - | -7.27 | 4.27       | -3.00      | -1.00            | -2.00            |
| 6695                 | -10.24          | -10.64 | - | - | -7.43 | 4.27       | -3.16      | -1.00            | -2.16            |
| 6855                 | -10.36          | -11.03 | - | - | -7.67 | 4.27       | -3.40      | -1.00            | -2.40            |
| 6875                 | -10.52          | -11.10 | - | - | -7.79 | 4.27       | -3.52      | -1.00            | -2.52            |
| 6895                 | -9.81           | -10.35 | - | - | -7.06 | 3.51       | -3.55      | -1.00            | -2.55            |
| 6995                 | -10.30          | -10.89 | - | - | -7.57 | 3.51       | -4.06      | -1.00            | -3.06            |
| 7095                 | -9.51           | -10.99 | - | - | -7.18 | 3.51       | -3.67      | -1.00            | -2.67            |

**Table 240 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)                    |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU LPI  | Duty Cycle (%):          | 89.9 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.46 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |       | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|-------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | Σ     |            |            |                  |                  |
| 5965                 | -10.31          | -10.36 | - | - | -7.32 | 3.48       | -3.84      | -1.00            | -2.84            |
| 6165                 | -10.55          | -10.44 | - | - | -7.48 | 3.89       | -3.59      | -1.00            | -2.59            |
| 6405                 | -9.63           | -10.39 | - | - | -6.98 | 3.80       | -3.18      | -1.00            | -2.18            |
| 6445                 | -9.99           | -10.15 | - | - | -7.06 | 3.88       | -3.18      | -1.00            | -2.18            |
| 6485                 | -10.23          | -10.69 | - | - | -7.44 | 3.88       | -3.56      | -1.00            | -2.56            |
| 6525                 | -10.28          | -10.62 | - | - | -7.44 | 3.88       | -3.56      | -1.00            | -2.56            |
| 6565                 | -10.29          | -10.72 | - | - | -7.49 | 4.27       | -3.22      | -1.00            | -2.22            |
| 6685                 | -10.30          | -10.65 | - | - | -7.46 | 4.27       | -3.19      | -1.00            | -2.19            |
| 6845                 | -10.81          | -10.64 | - | - | -7.71 | 4.27       | -3.44      | -1.00            | -2.44            |
| 6885                 | -10.93          | -10.87 | - | - | -7.89 | 4.27       | -3.62      | -1.00            | -2.62            |
| 6925                 | -10.24          | -10.08 | - | - | -7.15 | 3.51       | -3.64      | -1.00            | -2.64            |
| 7005                 | -10.24          | -9.67  | - | - | -6.94 | 3.51       | -3.43      | -1.00            | -2.43            |
| 7085                 | -10.13          | -9.85  | - | - | -6.98 | 3.51       | -3.47      | -1.00            | -2.47            |

**Table 241 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                          |                 |                                          |
|--------------------------|--------------------------------------------------------------------------|-----------------|------------------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz<br>6.875-7.125 GHz | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7<br>U-NII-8 |
| Limit Clause(s):         | 15.407(a)(8)<br>RSS-248 4.5.3                                            | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6           |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)                    |                 |                                          |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset.          |                 |                                          |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU LPI  | Duty Cycle (%):          | 89.6 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.48 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | -9.92           | -10.13 | - | - | -7.01    | 3.48       | -3.53      | -1.00            | -2.53            |
| 6145                 | -11.09          | -10.64 | - | - | -7.85    | 3.89       | -3.95      | -1.00            | -2.95            |
| 6385                 | -10.04          | -10.71 | - | - | -7.35    | 3.80       | -3.56      | -1.00            | -2.56            |
| 6465                 | -10.06          | -10.66 | - | - | -7.34    | 3.88       | -3.46      | -1.00            | -2.46            |
| 6545                 | -10.48          | -11.09 | - | - | -7.76    | 4.27       | -3.49      | -1.00            | -2.49            |
| 6625                 | -10.51          | -11.00 | - | - | -7.74    | 4.27       | -3.47      | -1.00            | -2.47            |
| 6705                 | -9.91           | -10.96 | - | - | -7.39    | 4.27       | -3.12      | -1.00            | -2.12            |
| 6785                 | -10.47          | -10.77 | - | - | -7.61    | 4.27       | -3.34      | -1.00            | -2.34            |
| 6865                 | -10.78          | -10.85 | - | - | -7.80    | 4.27       | -3.53      | -1.00            | -2.53            |
| 6945                 | -9.93           | -10.11 | - | - | -7.01    | 3.51       | -3.50      | -1.00            | -2.50            |
| 7025                 | -9.88           | -10.29 | - | - | -7.07    | 3.51       | -3.56      | -1.00            | -2.56            |

**Table 242 - Maximum Power Spectral Density Results**





| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)           |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE20 SU SP   | Duty Cycle (%):          | 89.2 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.50 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5955                 | 7.80            | 7.89 | - | - | 10.85    | 3.48       | 14.34      | 17.00            | -2.66            |
| 6175                 | 6.64            | 6.64 | - | - | 9.65     | 3.89       | 13.54      | 17.00            | -3.46            |
| 6415                 | 7.72            | 7.65 | - | - | 10.70    | 3.80       | 14.49      | 17.00            | -2.51            |
| 6435                 | 7.81            | 7.46 | - | - | 10.65    | 3.88       | 14.52      | 17.00            | -2.48            |
| 6475                 | 7.52            | 7.46 | - | - | 10.50    | 3.88       | 14.38      | 17.00            | -2.62            |
| 6515                 | 8.14            | 7.68 | - | - | 10.92    | 3.88       | 14.80      | 17.00            | -2.20            |
| 6535                 | 6.98            | 7.12 | - | - | 10.06    | 4.27       | 14.33      | 17.00            | -2.67            |
| 6695                 | 6.73            | 6.72 | - | - | 9.73     | 4.27       | 14.00      | 17.00            | -3.00            |
| 6855                 | 6.39            | 7.18 | - | - | 9.81     | 4.27       | 14.08      | 17.00            | -2.92            |

**Table 243 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)           |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE40 SU SP   | Duty Cycle (%):          | 89.4 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.49 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5965                 | 6.62            | 6.49 | - | - | 9.56     | 3.48       | 13.05      | 17.00            | -3.95            |
| 6165                 | 5.80            | 5.89 | - | - | 8.86     | 3.89       | 12.75      | 17.00            | -4.25            |
| 6405                 | 6.98            | 6.66 | - | - | 9.83     | 3.80       | 13.63      | 17.00            | -3.37            |
| 6445                 | 6.61            | 6.43 | - | - | 9.53     | 3.88       | 13.41      | 17.00            | -3.59            |
| 6485                 | 6.56            | 6.70 | - | - | 9.64     | 3.88       | 13.52      | 17.00            | -3.48            |
| 6525                 | 6.44            | 6.84 | - | - | 9.65     | 3.88       | 13.53      | 17.00            | -3.47            |
| 6565                 | 7.09            | 6.82 | - | - | 9.97     | 4.27       | 14.24      | 17.00            | -2.76            |
| 6685                 | 7.07            | 7.07 | - | - | 10.08    | 4.27       | 14.35      | 17.00            | -2.65            |
| 6845                 | 6.60            | 6.33 | - | - | 9.48     | 4.27       | 13.75      | 17.00            | -3.25            |

**Table 244 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.425-6.525 GHz<br>6.525-6.875 GHz           | Band:           | U-NII-5<br>U-NII-6<br>U-NII-7  |
| Limit Clause(s):         | 15.407(a)(7)<br>RSS-248 4.5.5                                   | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)           |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU SP   | Duty Cycle (%):          | 90.0 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.46 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |      |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B    | C | D | $\Sigma$ |            |            |                  |                  |
| 5985                 | 3.29            | 3.65 | - | - | 6.48     | 3.48       | 9.97       | 17.00            | -7.03            |
| 6145                 | 3.19            | 3.53 | - | - | 6.37     | 3.89       | 10.26      | 17.00            | -6.74            |
| 6385                 | 3.94            | 3.44 | - | - | 6.71     | 3.80       | 10.51      | 17.00            | -6.49            |
| 6465                 | 3.74            | 3.75 | - | - | 6.76     | 3.88       | 10.63      | 17.00            | -6.37            |
| 6545                 | 4.00            | 3.09 | - | - | 6.58     | 4.27       | 10.85      | 17.00            | -6.15            |
| 6625                 | 4.08            | 3.66 | - | - | 6.89     | 4.27       | 11.16      | 17.00            | -5.84            |
| 6705                 | 4.25            | 3.74 | - | - | 7.01     | 4.27       | 11.28      | 17.00            | -5.72            |
| 6785                 | 4.09            | 4.07 | - | - | 7.09     | 4.27       | 11.36      | 17.00            | -5.64            |

**Table 245 - Maximum Power Spectral Density Results**



| Test Configuration       |                                                                 |                 |                                |
|--------------------------|-----------------------------------------------------------------|-----------------|--------------------------------|
| Frequency Range:         | 5.925-6.425 GHz<br>6.525-6.875 GHz                              | Band:           | U-NII-5<br>U-NII-7             |
| Limit Clause(s):         | 15.407(a)(9)                                                    | Test Method(s): | C63.10 12.4.2.4<br>C63.10 12.6 |
| Additional Reference(s): | 662911 D01 v02r01 F)2)d)(i), 662911 D01 v02r01 E)2)b)           |                 |                                |
| Note(s):                 | DCCF was added to the spectrum analyser reference level offset. |                 |                                |

| DUT Configuration         |                       |                          |      |
|---------------------------|-----------------------|--------------------------|------|
| Mode:                     | 802.11ax HE80 SU VLP  | Duty Cycle (%):          | 88.0 |
| Modulation Coding Scheme: | MCS2x1                | DCCF (dB):               | 0.56 |
| Antenna Configuration:    | TxBF                  | Peak Antenna Gain (dBi): | 4.27 |
| Active Port(s):           | A+B (Core 0 + Core 1) | Active Chain(s):         | 0+1  |

| Test Frequency (MHz) | PSD (dBm / MHz) |        |   |   |          | Gain (dBi) | EIRP (dBm) | EIRP Limit (dBm) | EIRP Margin (dB) |
|----------------------|-----------------|--------|---|---|----------|------------|------------|------------------|------------------|
|                      | A               | B      | C | D | $\Sigma$ |            |            |                  |                  |
| 6145                 | -14.61          | -14.46 | - | - | -11.52   | 3.89       | -7.63      | -5.00            | -2.63            |
| 6225                 | -14.30          | -14.56 | - | - | -11.42   | 3.89       | -7.52      | -5.00            | -2.52            |
| 6385                 | -14.07          | -14.65 | - | - | -11.34   | 3.80       | -7.54      | -5.00            | -2.54            |
| 6625                 | -14.28          | -14.66 | - | - | -11.46   | 4.27       | -7.19      | -5.00            | -2.19            |
| 6705                 | -14.40          | -15.62 | - | - | -11.96   | 4.27       | -7.69      | -5.00            | -2.69            |
| 6785                 | -14.29          | -15.12 | - | - | -11.67   | 4.27       | -7.40      | -5.00            | -2.40            |

**Table 246 - Maximum Power Spectral Density Results**



FCC 47 CFR Part 15E, Limit Clause 15.407(a)(7)

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and 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.

ISED RSS-248, Limit Clause 4.5.5

The following limits shall apply to standard client devices:

- a) the maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz
- b) the maximum e.i.r.p. over the 5925-6875 MHz frequency band shall not exceed 30 dBm and
- c) the maximum power limits shall remain at least 6 dB below the power levels authorized for the associated standard-power access point

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(8)

For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum power spectral density must not exceed -1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

ISED RSS-248, Limit Clause 4.5.3

The following limits shall apply to low-power client devices.

- a) the maximum e.i.r.p. spectral density shall not exceed -1 dBm/MHz; and
- b) the maximum e.i.r.p. over the 5925-7125 MHz frequency band shall not exceed 24 dBm.

FCC 47 CFR Part 15E, Limit Clause 15.407(a)(9)

For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p. in any 1-megahertz band and the maximum e.i.r.p. must not exceed 14 dBm.



#### 2.4.7 Test Location and Test Equipment Used

This test was carried out in RF Chamber 18 and RF Laboratory 14.

| Instrument                     | Manufacturer          | Type No.             | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------|-----------------------|----------------------|--------|-----------------------------|-------------------------|
| Hygrometer                     | Rotronic              | I-1000               | 3068   | 12                          | 07-Nov-2024             |
| 1800-6000 MHz Power Splitter   | Mini-Circuits         | ZN2PD-63-S+          | 4055   | -                           | O/P Mon                 |
| Attenuator 5W 30dB DC-18GHz    | Aaren                 | AT40A-4041-D18-30    | 5505   | 12                          | 22-Feb-2025             |
| 2-Way Power Divider (2-8 GHz)  | Aaren                 | AT30A-TE0208-2-AF    | 5685   | 12                          | 02-Jan-2025             |
| 1500VA AC Power Supply         | iTech                 | IT7324               | 5907   | -                           | O/P Mon                 |
| MXA Signal Analyser            | Keysight Technologies | N9020B               | 5919   | 24                          | 18-Mar-2026             |
| Digital Multimeter             | Fluke                 | 115                  | 6145   | 12                          | 06-Jun-2025             |
| Cable (SMA to SMA 1m)          | Junkosha              | MWX221/B             | 6305   | 12                          | 20-May-2025             |
| Cable (SMA to SMA 3m)          | Junkosha              | MWX221-03000AMSAMS/A | 6317   | 12                          | 23-May-2025             |
| MXA Signal Analyser            | Keysight Technologies | N9020B               | 6419   | 24                          | 28-Feb-2025             |
| Directional Coupler 2-8GHz     | RF-Lambda             | RFDC2G8G10           | 6447   | -                           | O/P Mon                 |
| Directional Coupler 2-8GHz     | RF-Lambda             | RFDC2G8G10           | 6448   | -                           | O/P Mon                 |
| Signal Conditioning Unit       | TUV SUD               | SPECTRUM_SCU001      | 6517   | 12                          | 22-Feb-2025             |
| Signal Conditioning Unit       | TUV SUD               | SPECTRUM_SCU001      | 6519   | 12                          | 08-Feb-2025             |
| SCU Cable Assembly             | TUV SUD               | SPECTRUM_SCU_CA      | 6520   | 12                          | 09-Feb-2025             |
| SCU Cable Assembly             | TUV SUD               | SPECTRUM_SCU_CA      | 6521   | 12                          | 09-Feb-2025             |
| SCU Cable Assembly             | TUV SUD               | SPECTRUM_SCU_CA      | 6526   | 12                          | 22-Feb-2025             |
| SCU Cable Assembly             | TUV SUD               | SPECTRUM_SCU_CA      | 6527   | 12                          | 05-Mar-2025             |
| AC Programmable Power Supply   | iTech                 | IT7324               | 6665   | -                           | O/P Mon                 |
| WiFi 6E Tri-Band Gaming Router | Asus                  | GT-AXE110000         | 6694   | -                           | TU                      |

**Table 247**

TU - Traceability Unscheduled

O/P Mon - Output Monitored using calibrated equipment



## **2.5 Authorised Band Edges**

### **2.5.1 Specification Reference**

FCC 47 CFR Part 15E, Clause 15.407 (b)  
ISED RSS-248, Clause 4.6  
ISED RSS-GEN, Clause 6.13

### **2.5.2 Equipment Under Test and Modification State**

A3389, S/N: LVV0X46J3D - Modification State 0  
A3389, S/N: QQHY5J5267 - Modification State 0  
A3389, S/N: J7CW3WPWFV - Modification State 0  
A3389, S/N: LNY92M44TH - Modification State 0

### **2.5.3 Date of Test**

02-October-2024 to 10-October-2024

### **2.5.4 Test Method**

The test was performed in accordance with ANSI C63.10, clause 6.6.

For U-NII-5-8 channels, the limit line on the following plots equated to -27 dBm/MHz. EIRP and was converted to field strength at 3 m using the following formula:

Field Strength (dBμV/m at 3 m) = EIRP (dBm) + 95.2 dB

As per KDB 987594, In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

Authorised band edge measurements were performed, with the device operating in SISO and MIMO configurations, across the various modes supported by the device.

The measurements displayed within this report, have been limited to those modes which have been shown to be worst case.

Further measurements are held on file by TÜV SÜD and are available if required.

### **2.5.5 Environmental Conditions**

|                     |                |
|---------------------|----------------|
| Ambient Temperature | 21.8 - 22.9 °C |
| Relative Humidity   | 43.9 - 51.2 %  |

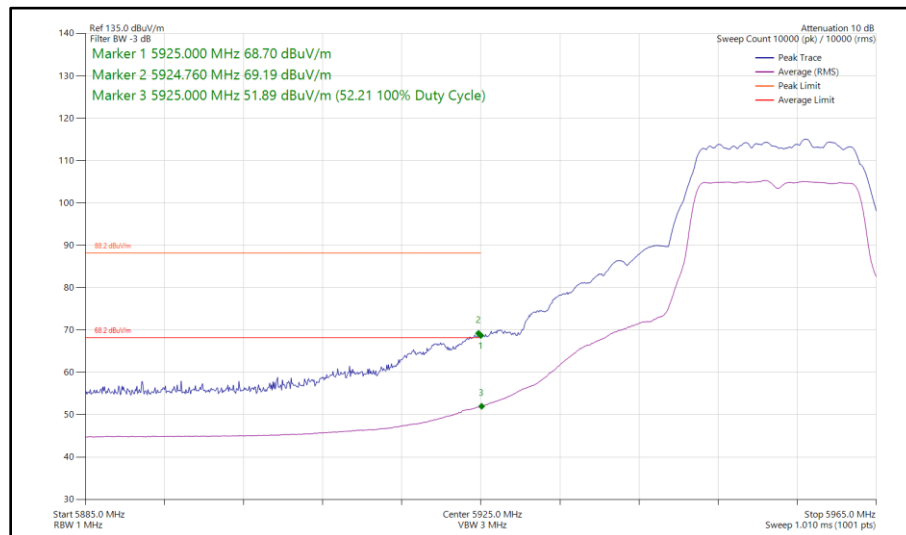
## 2.5.6 Test Results

### 6 GHz WLAN

#### 20 MHz Bandwidth - Core 0 (SISO)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11a       | 54 Mbps           | -                | -                 | 5955                     | 5925                            | 69.19                  | 52.21                        |
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 5955                     | 5925                            | 71.89                  | 55.10                        |
| 802.11ax HE20 | MCS 11x1          | 106              | 53                | 5955                     | 5925                            | 64.52                  | 45.94                        |
| 802.11a       | 24 Mbps           | -                | -                 | 7115                     | 7125                            | 82.13                  | 64.89                        |
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 7095                     | 7125                            | 57.97                  | 46.36                        |
| 802.11ax HE20 | MCS 11x1          | 52               | 40                | 7095                     | 7125                            | 58.07                  | 46.24                        |

**Table 248 - SISO Authorised Band Edge Results**



**Figure 186 - 802.11a, SISO, Core 0 - 5955 MHz  
Band Edge Frequency 5925 MHz**



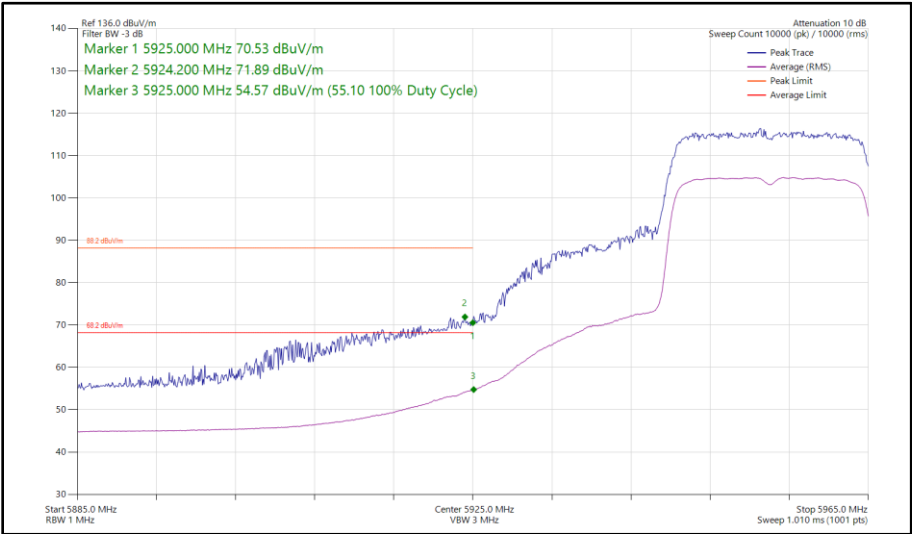


Figure 187 - 802.11ax HE20, SU, SISO, Core 0 - 5955 MHz  
Band Edge Frequency 5925 MHz

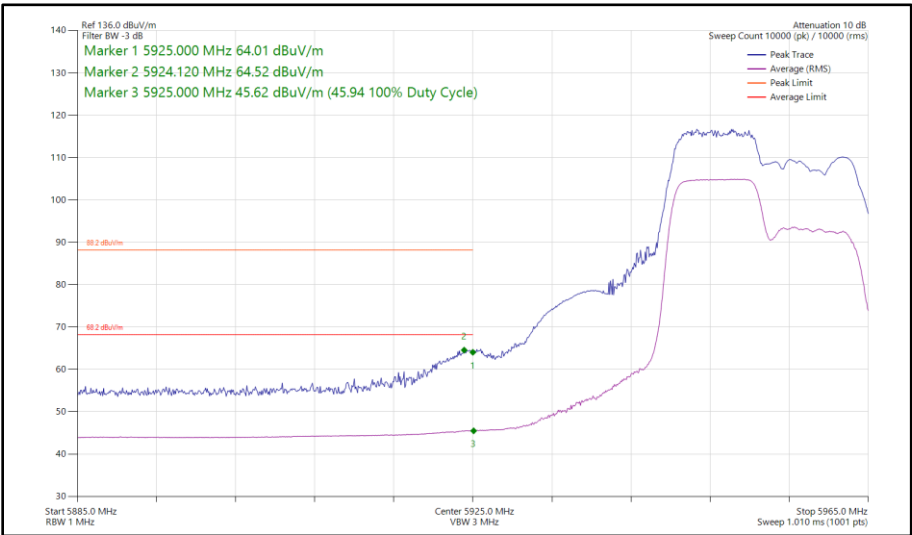


Figure 188 - 802.11ax HE20, RU 106-53, SISO, Core 0 - 5955 MHz  
Band Edge Frequency 5925 MHz

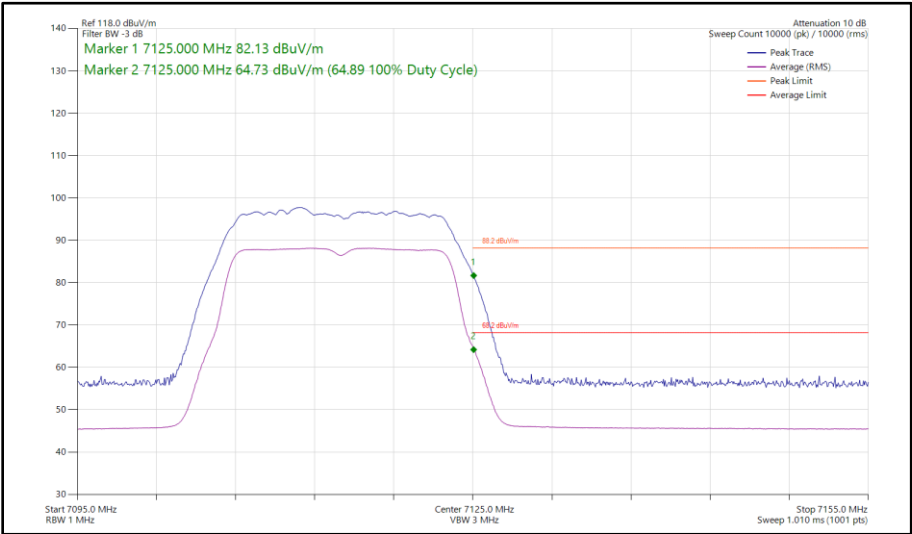


Figure 189 - 802.11a, SISO, Core 0 - 7115 MHz  
Band Edge Frequency 7125 MHz

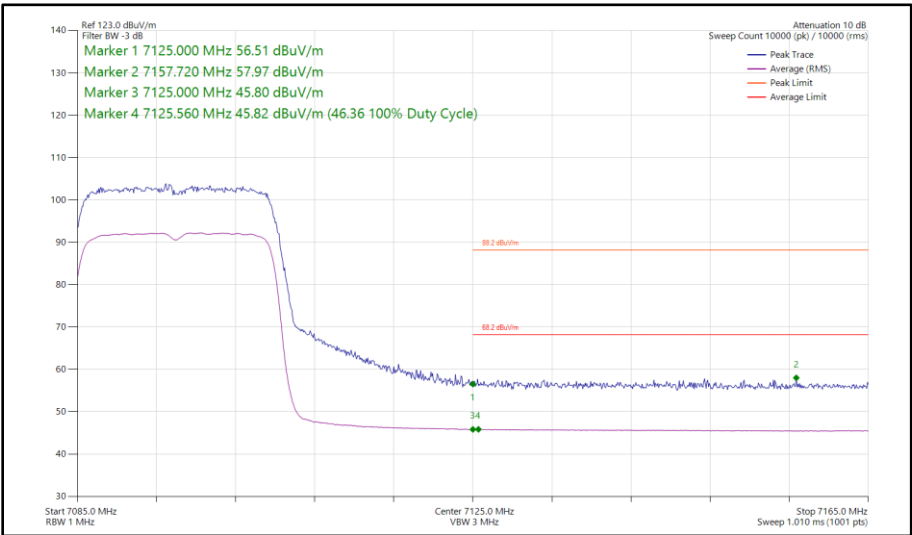
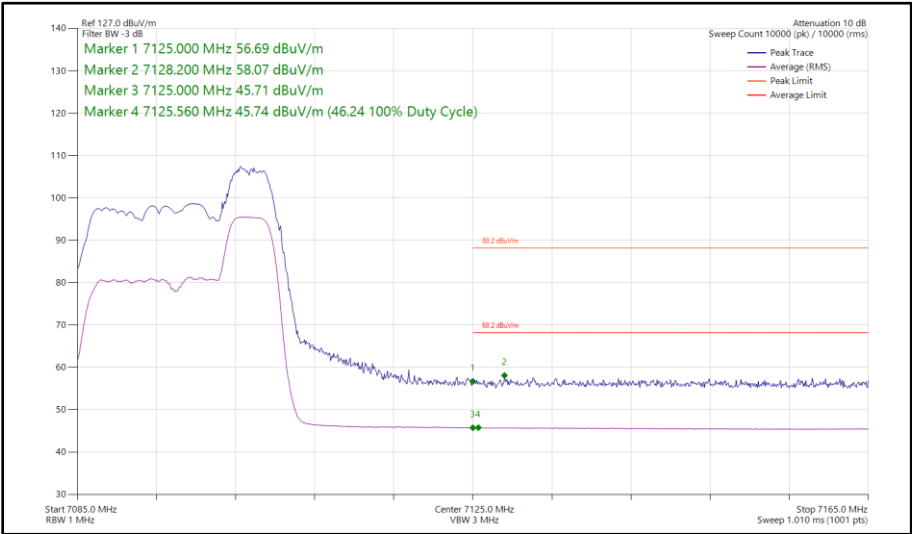


Figure 190 - 802.11ax HE20, SU, SISO, Core 0 - 7095 MHz  
Band Edge Frequency 7125 MHz

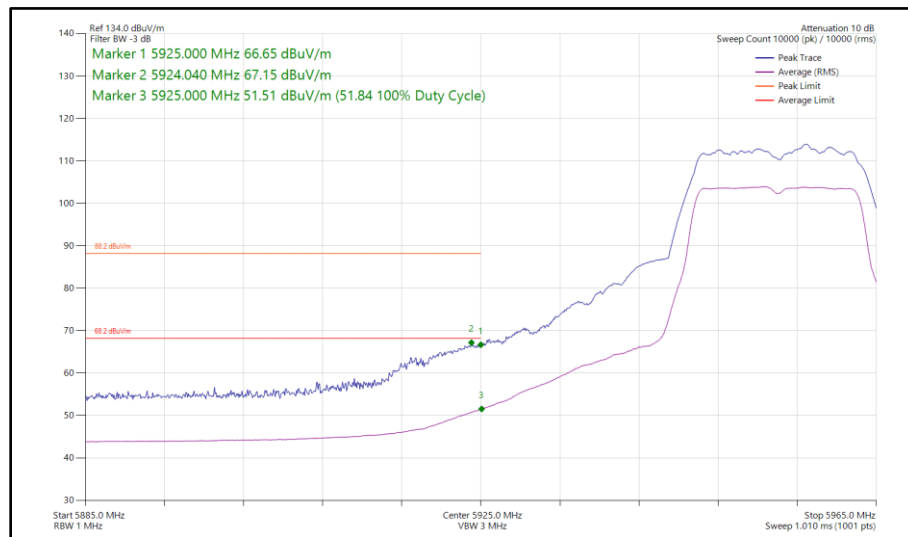


**Figure 191 - 802.11ax HE20, RU 52-40, SISO, Core 0 - 7095 MHz  
Band Edge Frequency 7125 MHz**

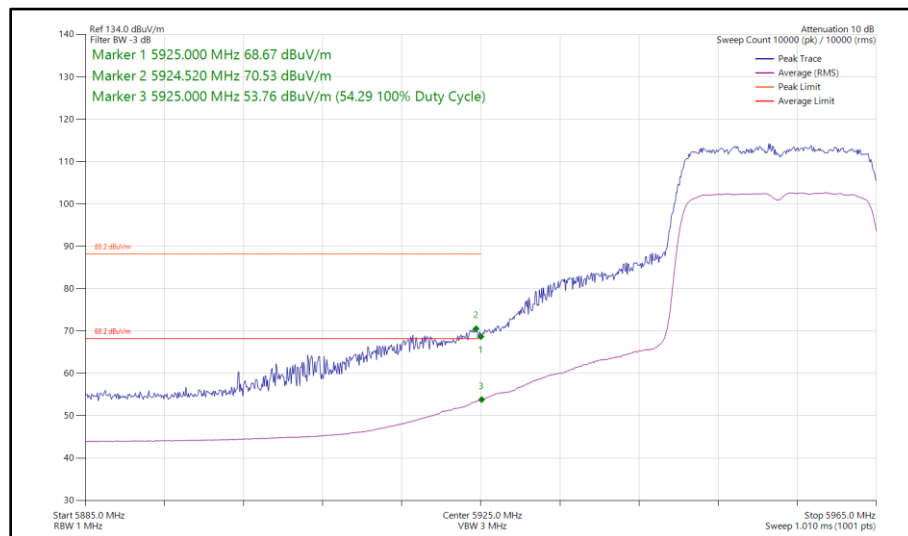
20 MHz Bandwidth - Core 1 (SISO)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11a       | 54 Mbps           | -                | -                 | 5955                     | 5925                            | 67.15                  | 51.84                        |
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 5955                     | 5925                            | 70.53                  | 54.29                        |
| 802.11ax HE20 | MCS 11x1          | 106              | 53                | 5955                     | 5925                            | 63.60                  | 45.25                        |
| 802.11a       | 24 Mbps           | -                | -                 | 7115                     | 7125                            | 78.02                  | 62.00                        |
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 7095                     | 7125                            | 57.95                  | 46.25                        |
| 802.11ax HE20 | MCS 11x1          | 52               | 37                | 7095                     | 7125                            | 57.67                  | 46.16                        |

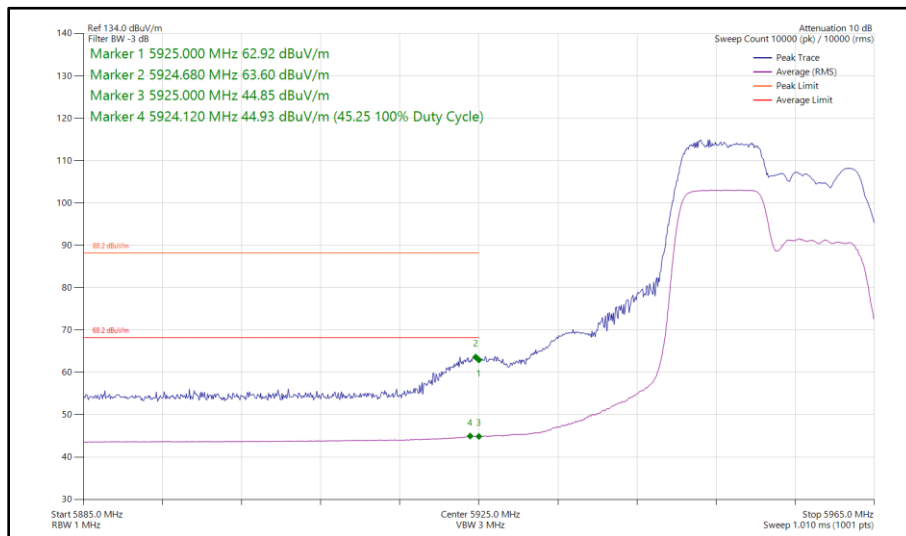
**Table 249 - SISO Authorised Band Edge Results**



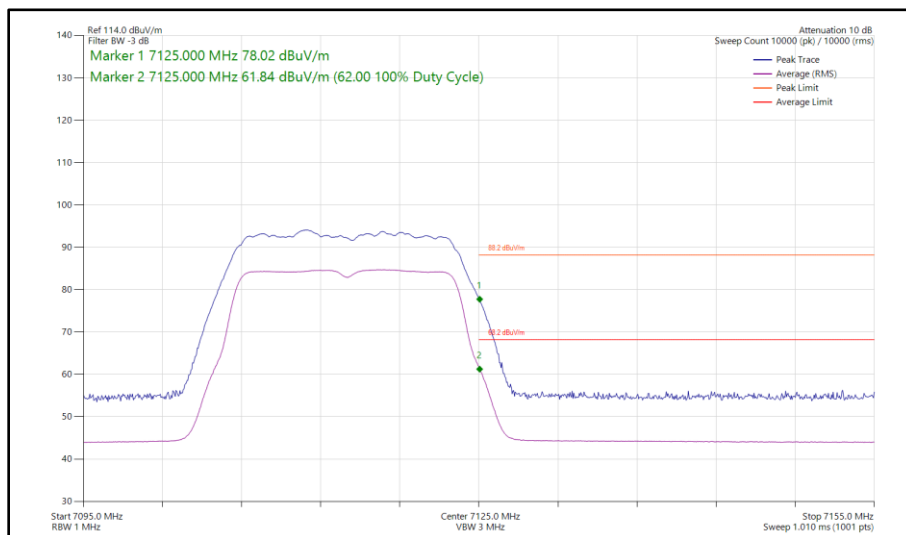
**Figure 192 - 802.11a, SISO, Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz**



**Figure 193 - 802.11ax HE20, SU, SISO, Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz**



**Figure 194 - 802.11ax HE20, RU 106-53, SISO, Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz**



**Figure 195 - 802.11a, SISO, Core 1 - 7115 MHz  
Band Edge Frequency 7125 MHz**

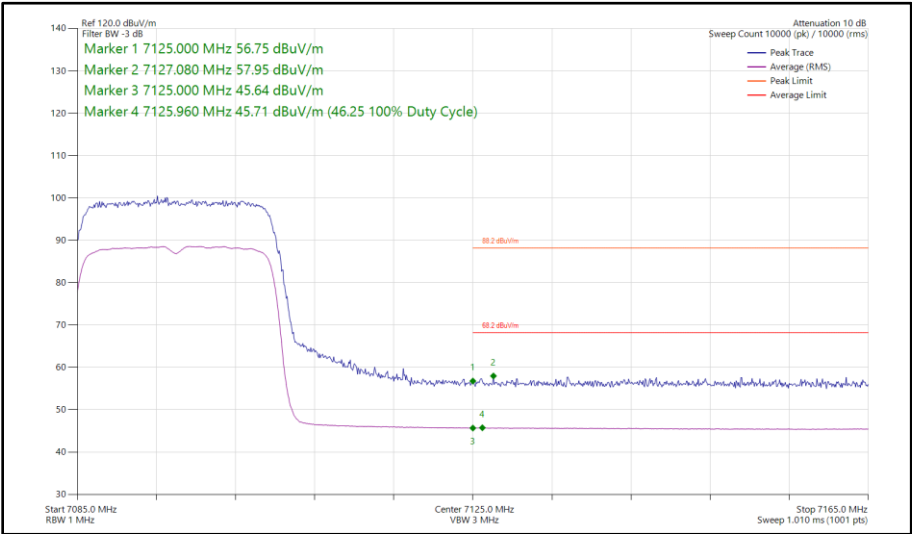


Figure 196 - 802.11ax HE20, SU, SISO, Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz

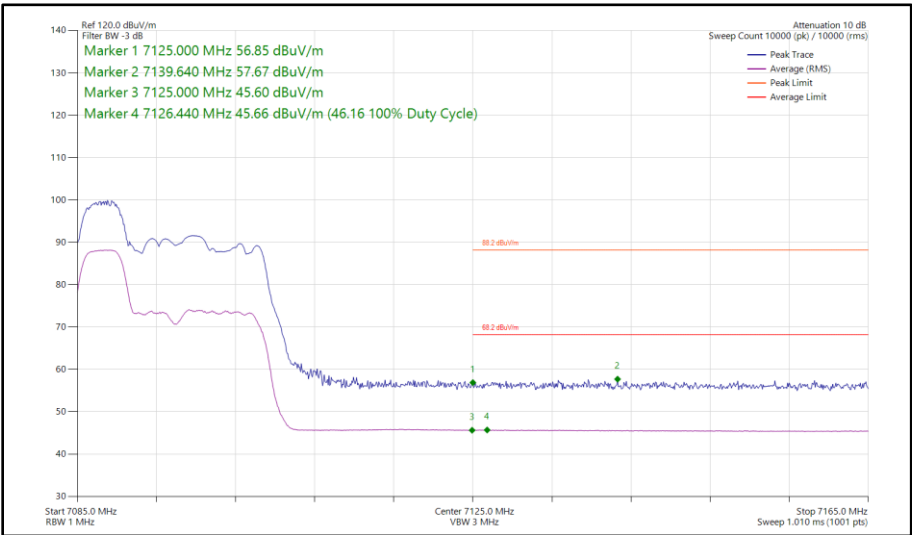


Figure 197 - 802.11ax HE20, RU 52-37, SISO, Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz

20 MHz Bandwidth - Core 0 - Core 1 (CDD)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 5955                     | 5925                            | 70.28                  | 53.64                        |
| 802.11ax HE20 | MCS 11x1          | 106              | 53                | 5955                     | 5925                            | 61.12                  | 44.70                        |
| 802.11ax HE20 | MCS 11x1          | SU               | -                 | 7095                     | 7125                            | 58.30                  | 46.24                        |
| 802.11ax HE20 | MCS 11x1          | 52               | 40                | 7095                     | 7125                            | 58.29                  | 46.17                        |

Table 250 - CDD Authorised Band Edge Results

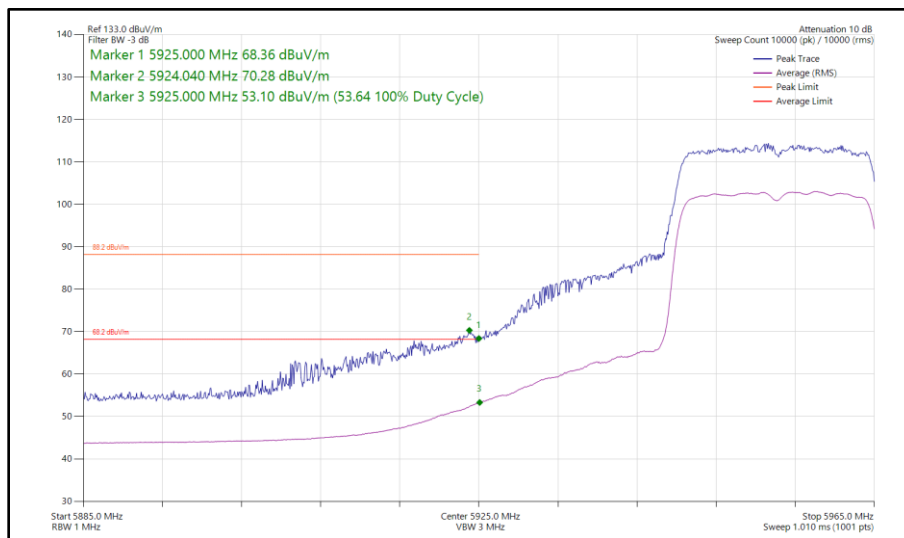


Figure 198 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz

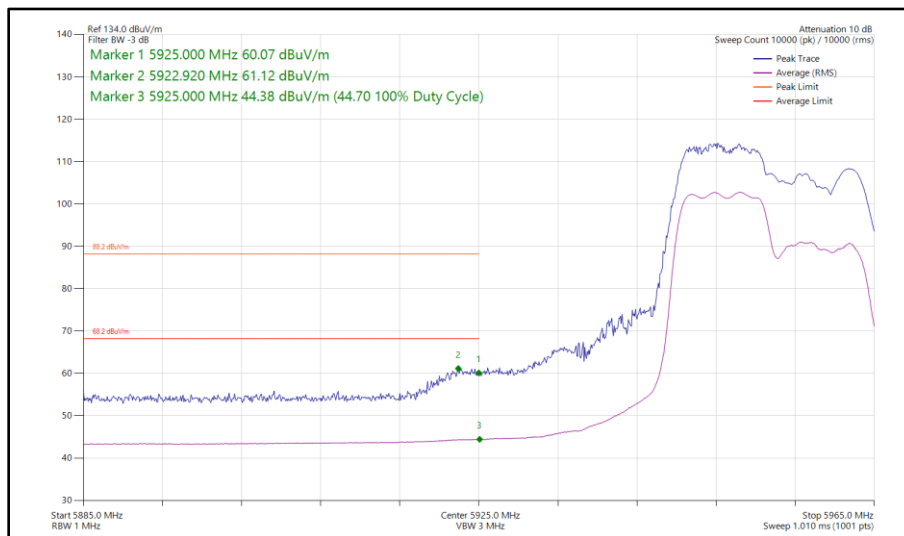


Figure 199 - 802.11ax HE20, RU 106-53, CDD, Core 0 - Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz

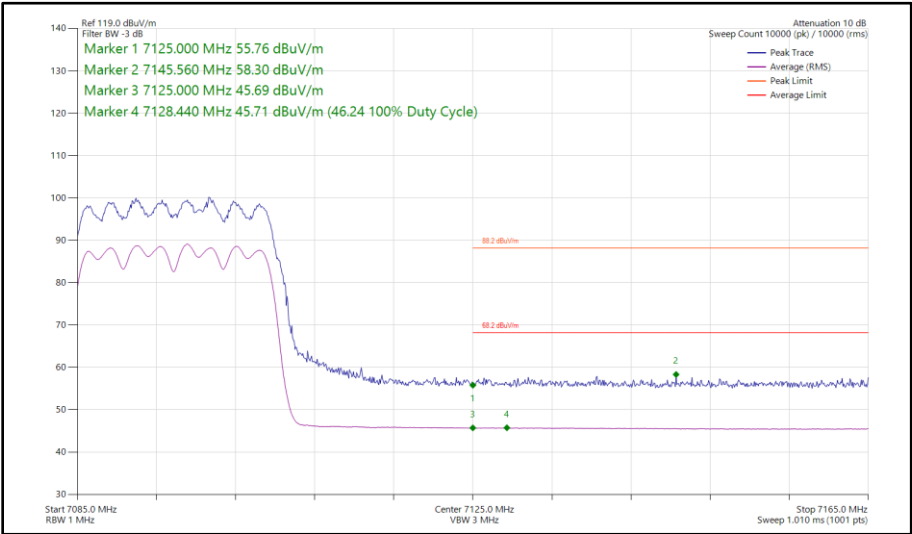


Figure 200 - 802.11ax HE20, SU, CDD, Core 0 - Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz

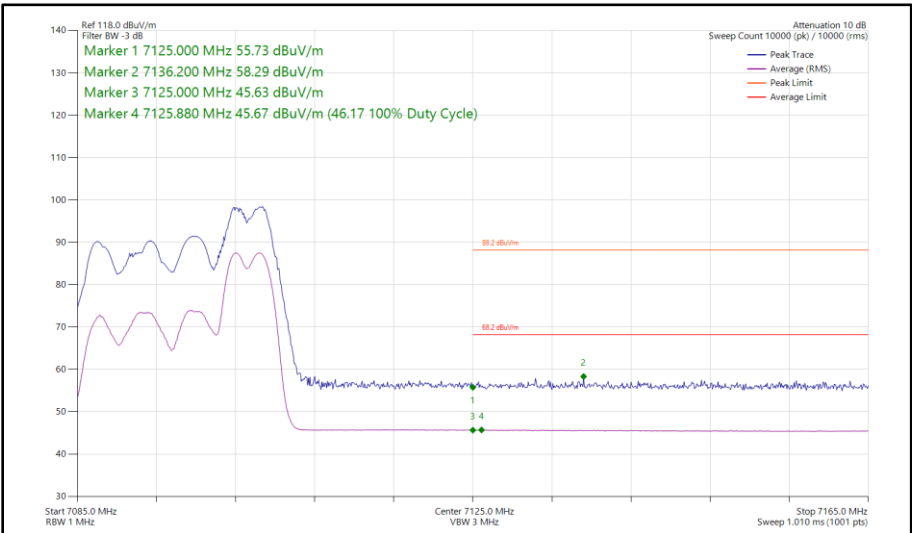


Figure 201 - 802.11ax HE20, RU 52-40, CDD, Core 0 - Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz



20 MHz Bandwidth - Core 0 - Core 1 (SDM)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE20 | MCS 4x2           | SU               | -                 | 5955                     | 5925                            | 69.83                  | 54.86                        |
| 802.11ax HE20 | MCS 11x2          | 106              | 53                | 5955                     | 5925                            | 64.08                  | 45.55                        |
| 802.11ax HE20 | MCS 11x2          | SU               | -                 | 7095                     | 7125                            | 57.57                  | 46.46                        |
| 802.11ax HE20 | MCS 11x2          | 26               | 8                 | 7095                     | 7125                            | 58.24                  | 46.19                        |

Table 251 - SDM Authorised Band Edge Results

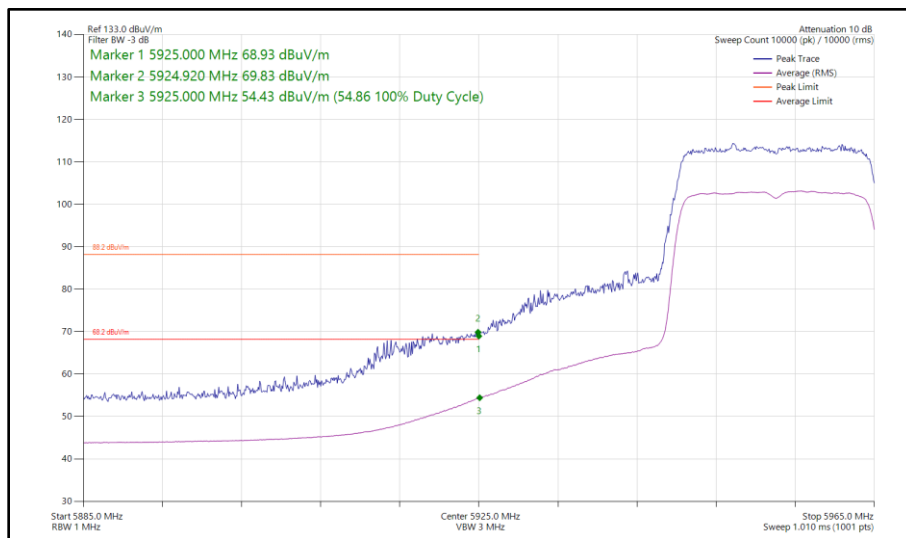


Figure 202 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz

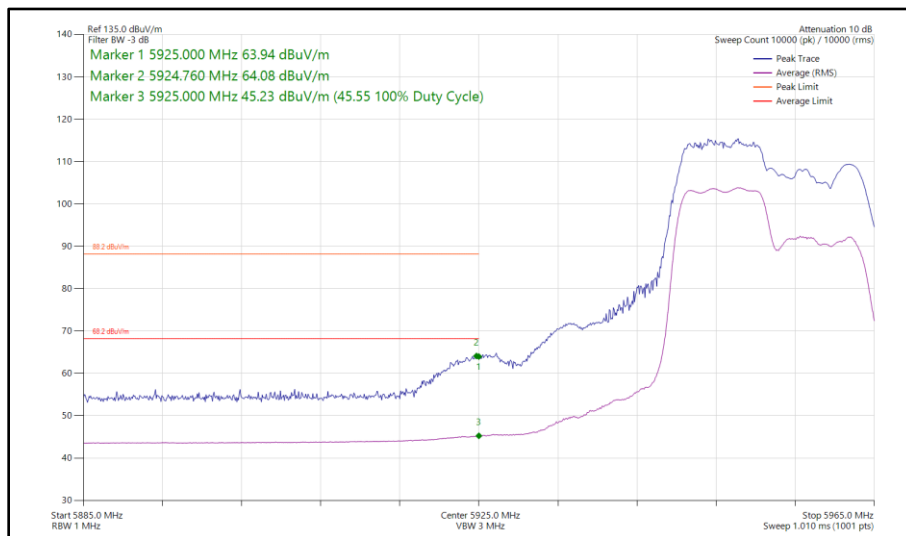


Figure 203 - 802.11ax HE20, RU 106-53, SDM, Core 0 - Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz

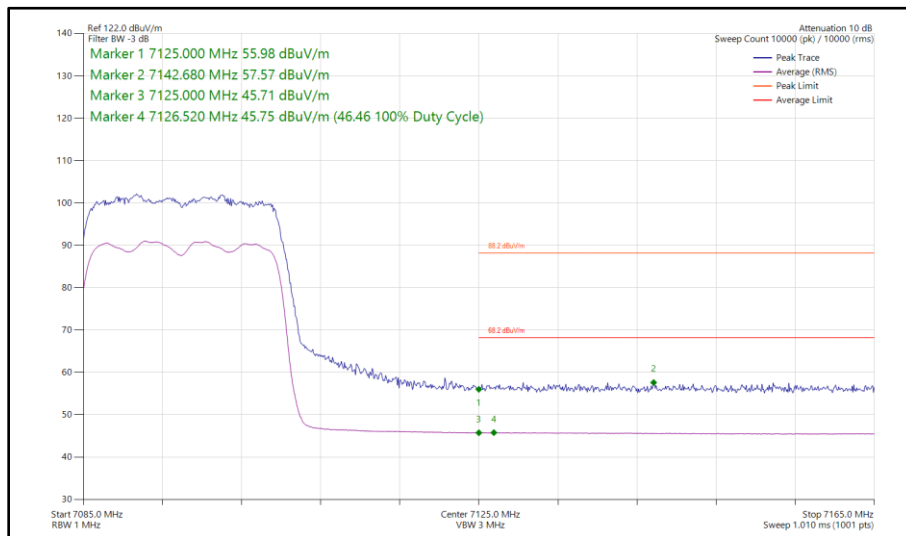


Figure 204 - 802.11ax HE20, SU, SDM, Core 0 - Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz

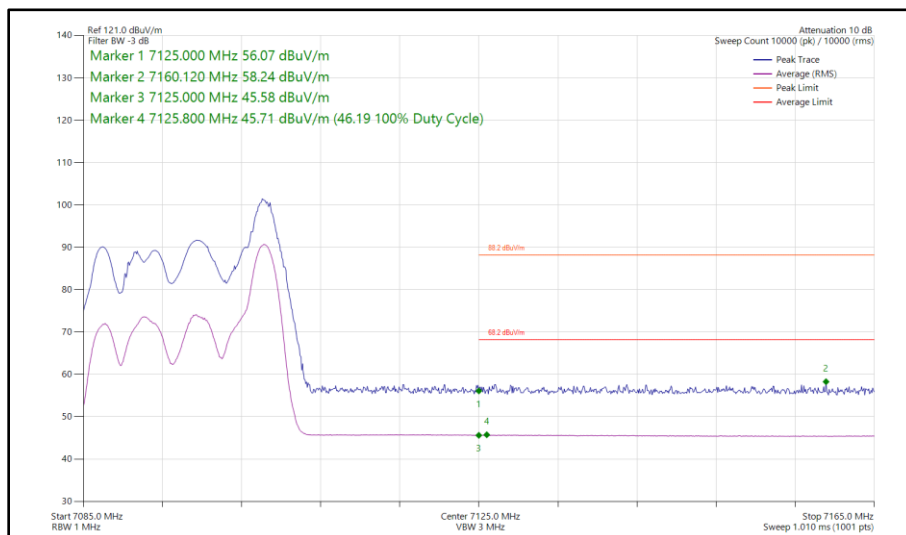
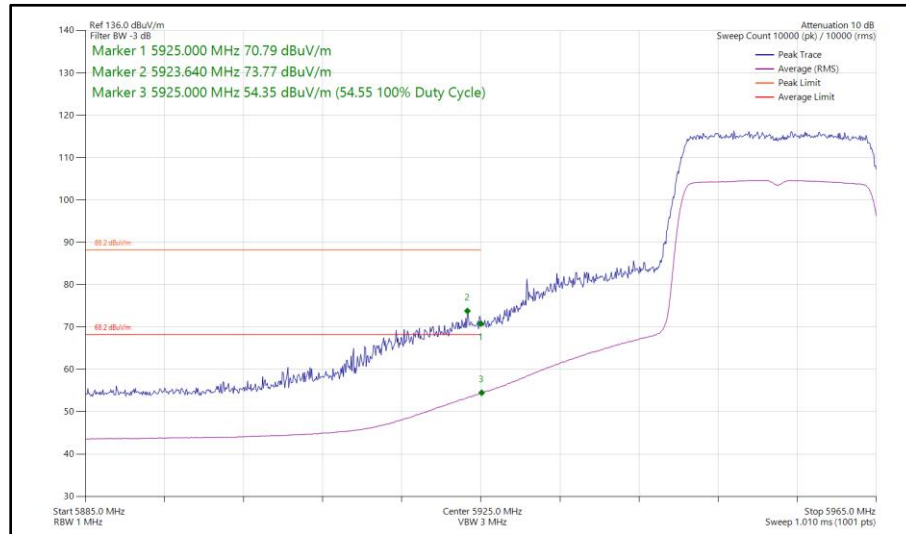


Figure 205 - 802.11ax HE20, RU 26-8, SDM, Core 0 - Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz

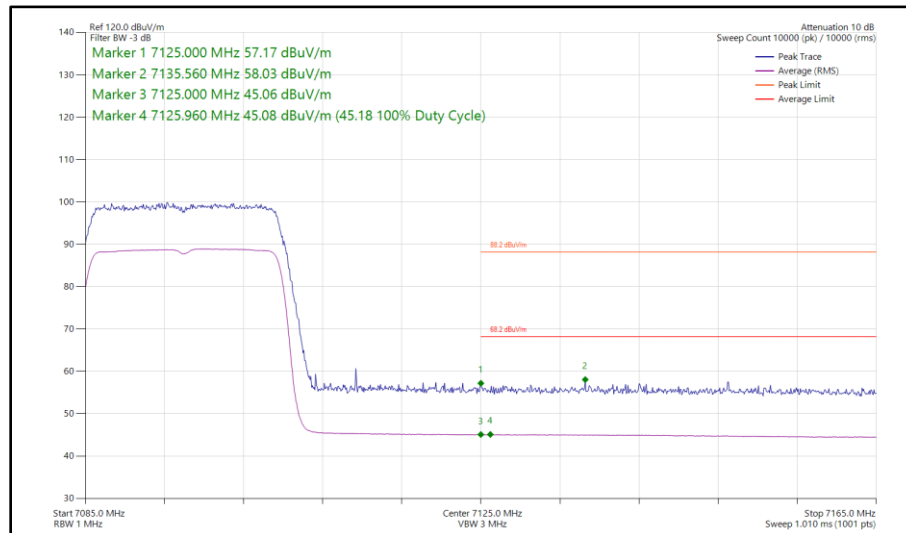
20 MHz Bandwidth - Core 0 - Core 1 (TxBF)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE20 | MCS 4x1           | SU               | -                 | 5955                     | 5925                            | 73.77                  | 54.55                        |
| 802.11ax HE20 | MCS 2x1           | SU               | -                 | 7095                     | 7125                            | 58.03                  | 45.18                        |

**Table 252 - TxBF Authorised Band Edge Results**



**Figure 206 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 5955 MHz  
Band Edge Frequency 5925 MHz**

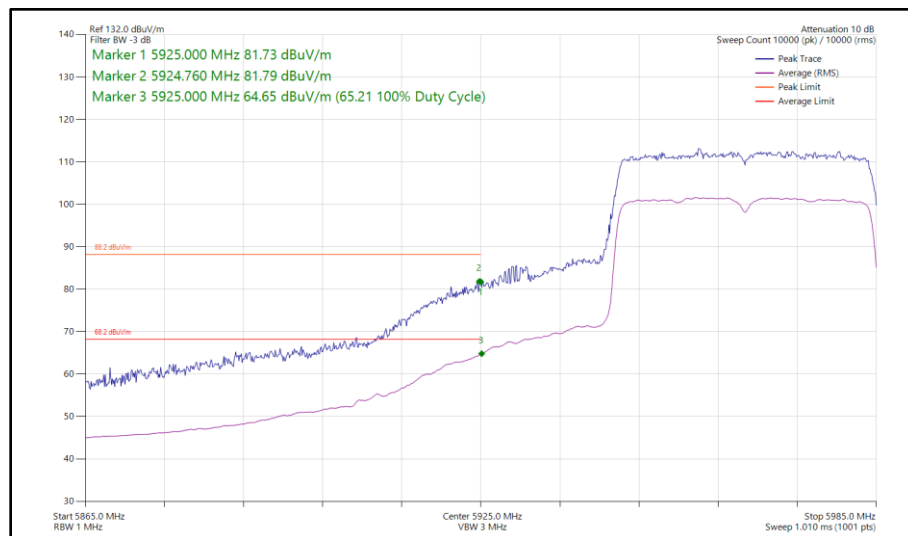


**Figure 207 - 802.11ax HE20, SU, TxBF, Core 0 - Core 1 - 7095 MHz  
Band Edge Frequency 7125 MHz**

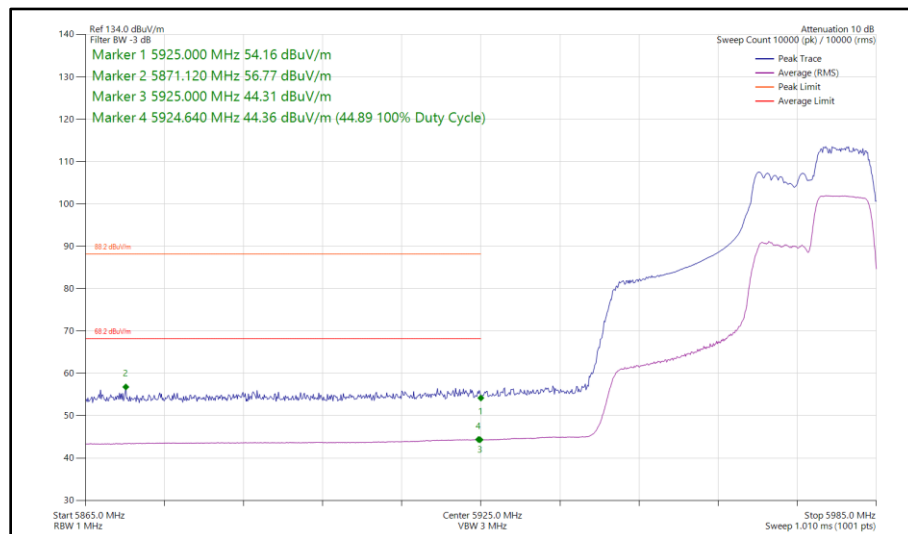
#### 40 MHz Bandwidth - Core 0 (SISO)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE40 | MCS 11x1          | SU               | -                 | 5965                     | 5925                            | 81.79                  | 65.21                        |
| 802.11ax HE40 | MCS 11x1          | 106              | 56                | 5965                     | 5925                            | 56.77                  | 44.89                        |
| 802.11ax HE40 | MCS 11x1          | SU               | -                 | 7085                     | 7125                            | 58.05                  | 46.52                        |
| 802.11ax HE40 | MCS 11x1          | 52               | 37                | 7085                     | 7125                            | 61.14                  | 46.53                        |

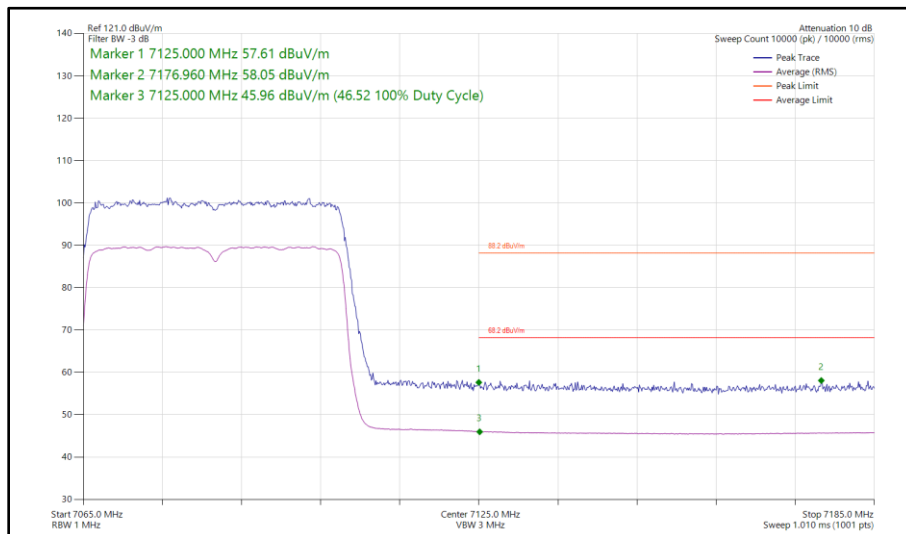
**Table 253 - SISO Authorised Band Edge Results**



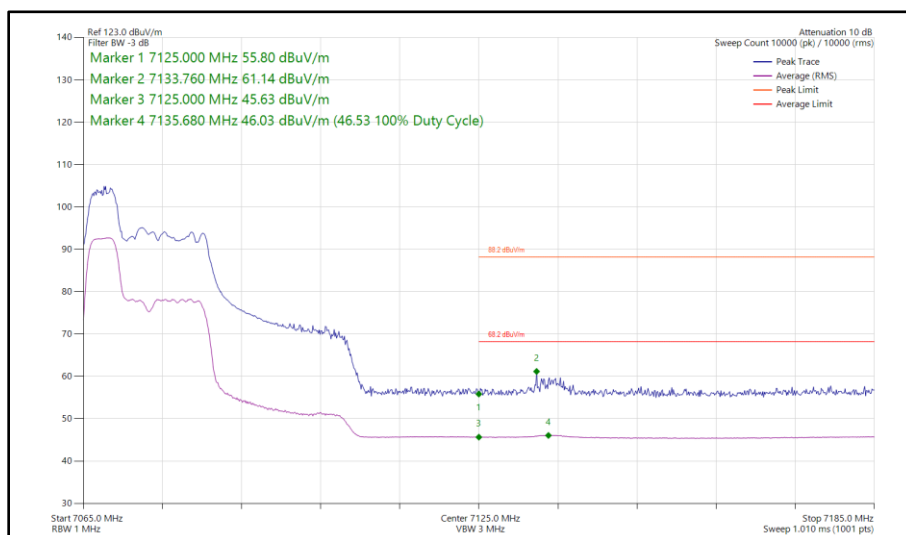
**Figure 208 - 802.11ax HE40, SU, SISO, Core 0 - 5965 MHz  
Band Edge Frequency 5925 MHz**



**Figure 209 - 802.11ax HE40, RU 106-56, SISO, Core 0 - 5965 MHz  
Band Edge Frequency 5925 MHz**



**Figure 210 - 802.11ax HE40, SU, SISO, Core 0 - 7085 MHz  
Band Edge Frequency 7125 MHz**



**Figure 211 - 802.11ax HE40, RU 52-37, SISO, Core 0 - 7085 MHz  
Band Edge Frequency 7125 MHz**



40 MHz Bandwidth - Core 1 (SISO)

| Mode          | Data Rate/<br>MCS | Resource<br>Size | Resource<br>Index | TX<br>Frequency<br>(MHz) | Band Edge<br>Frequency<br>(MHz) | Peak Level<br>(dBμV/m) | Average<br>Level<br>(dBμV/m) |
|---------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|------------------------|------------------------------|
| 802.11ax HE40 | MCS 4x1           | SU               | -                 | 5965                     | 5925                            | 77.22                  | 60.32                        |
| 802.11ax HE40 | MCS 11x1          | 106              | 56                | 5965                     | 5925                            | 55.99                  | 44.26                        |
| 802.11ax HE40 | MCS 11x1          | SU               | -                 | 7085                     | 7125                            | 58.23                  | 46.34                        |
| 802.11ax HE40 | MCS 11x1          | 106              | 53                | 7085                     | 7125                            | 57.61                  | 46.30                        |

Table 254 - SISO Authorised Band Edge Results

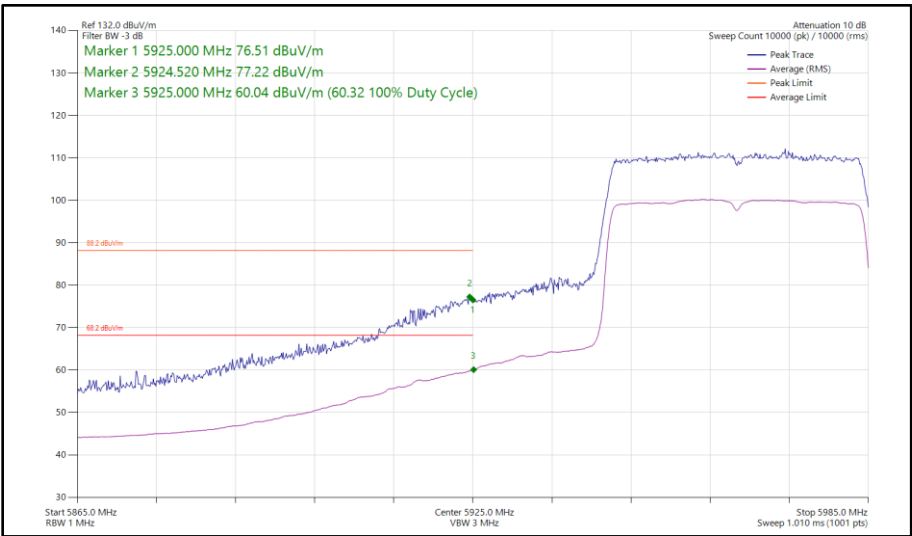


Figure 212 - 802.11ax HE40, SU, SISO, Core 1 - 5965 MHz  
Band Edge Frequency 5925 MHz

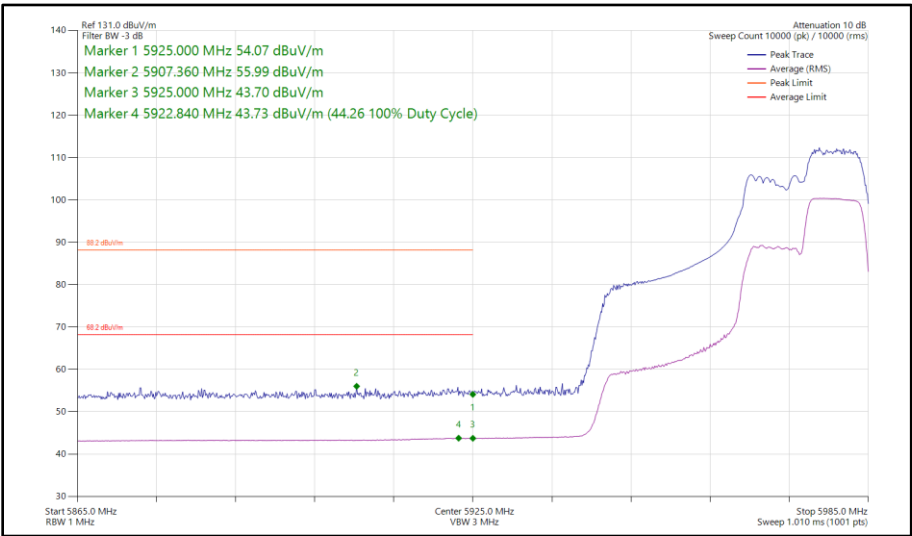
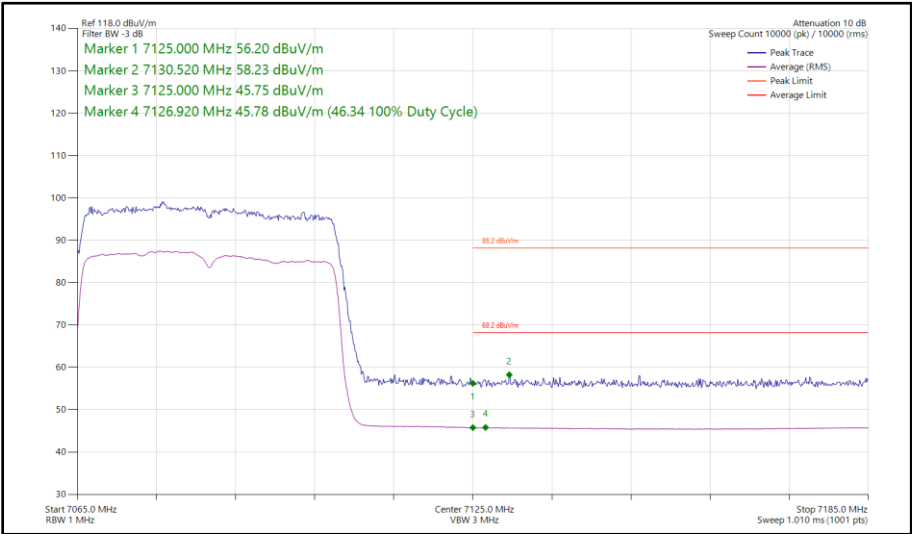
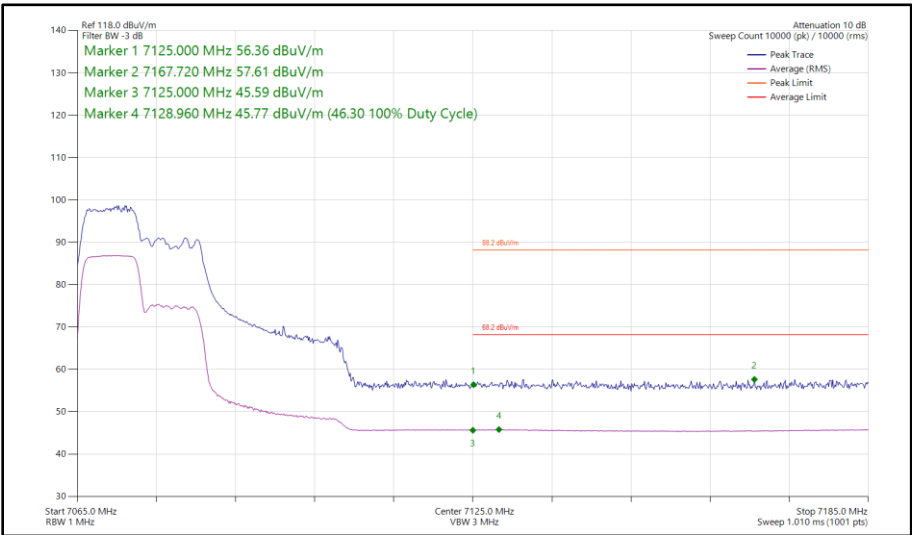


Figure 213 - 802.11ax HE40, RU 106-56, SISO, Core 1 - 5965 MHz  
Band Edge Frequency 5925 MHz



**Figure 214 - 802.11ax HE40, SU, SISO, Core 1 - 7085 MHz  
Band Edge Frequency 7125 MHz**



**Figure 215 - 802.11ax HE40, RU 106-53, SISO, Core 1 - 7085 MHz  
Band Edge Frequency 7125 MHz**