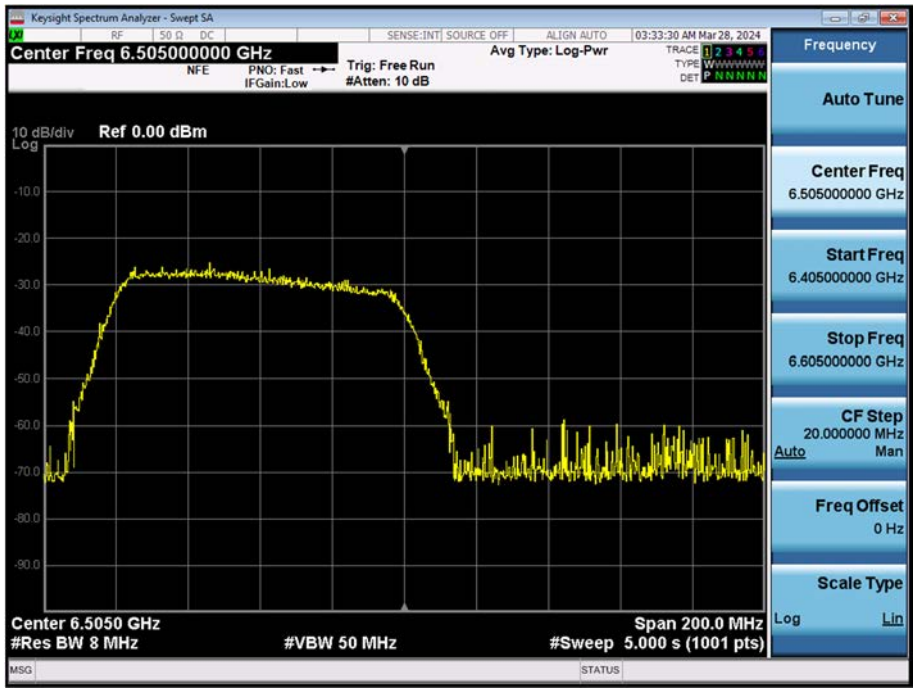
**Bandwidth reduction plot (AWGN injected at high end)**

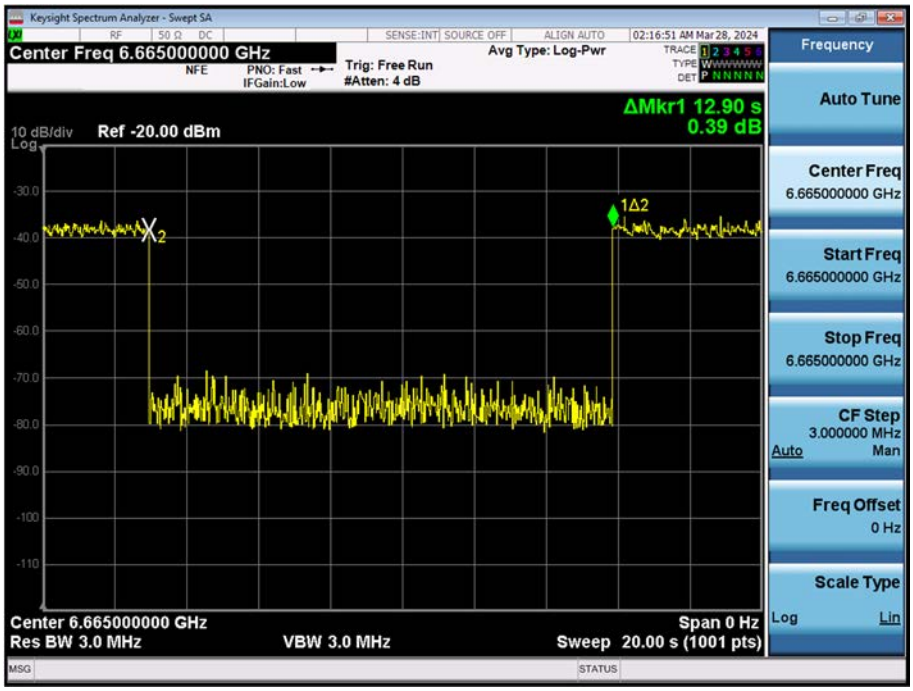
: A 10 MHz AWGN signal (centered at 6580 MHz) is injected.

The channel reduces to a 80 MHz channel centered around 6465 MHz.



UNII 7

802.11ax HE160 Ch.143(6665 MHz) Incumbent signal (Ceased)

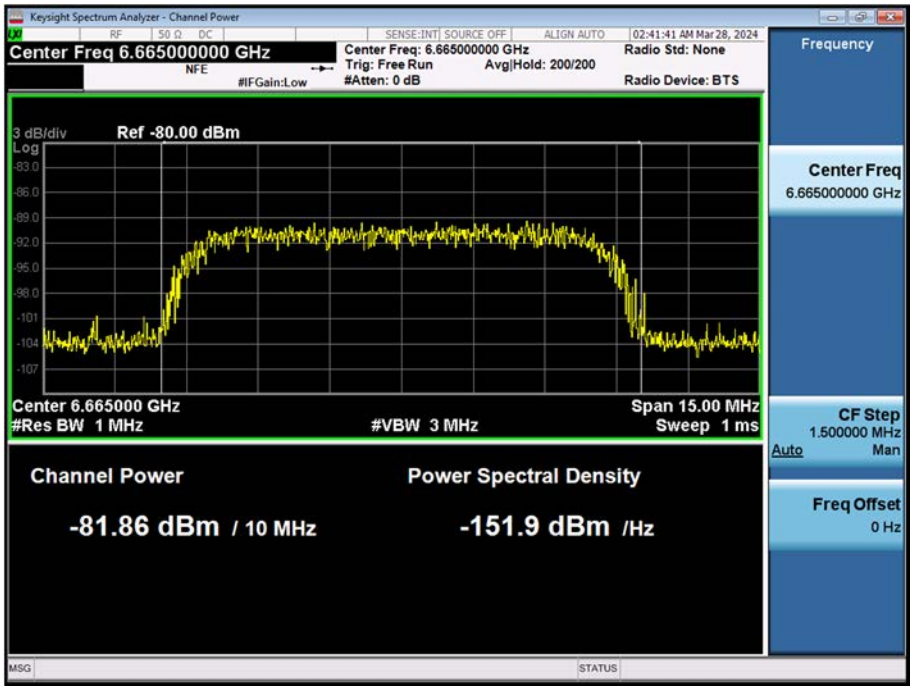



Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

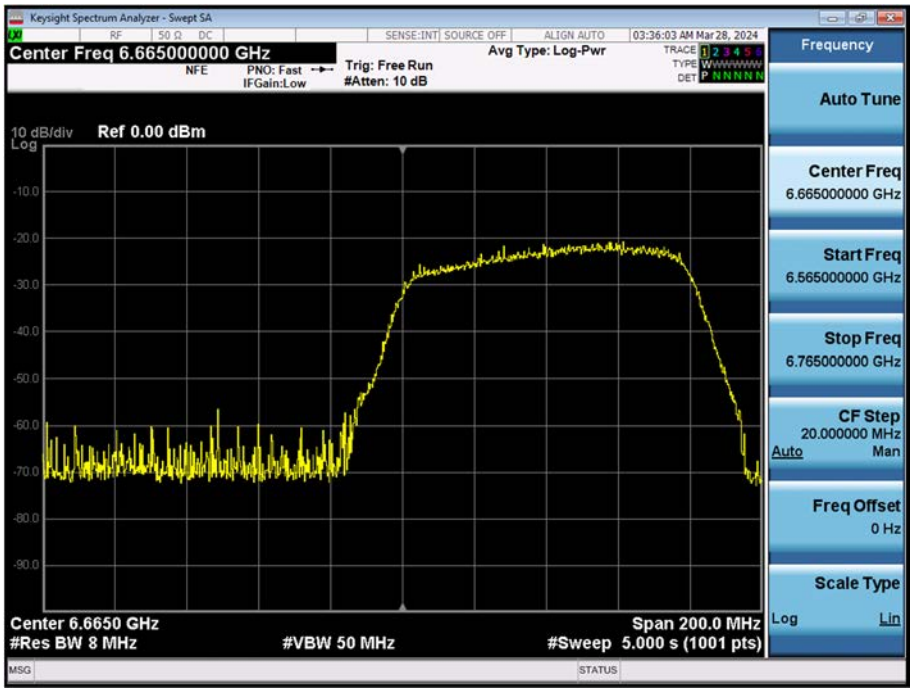
802.11ax HE160 Ch.143(6665 MHz) Detection Level



**Bandwidth reduction plot (AWGN injected at low end)**

: A 10 MHz AWGN signal (centered at 6590 MHz) is injected.

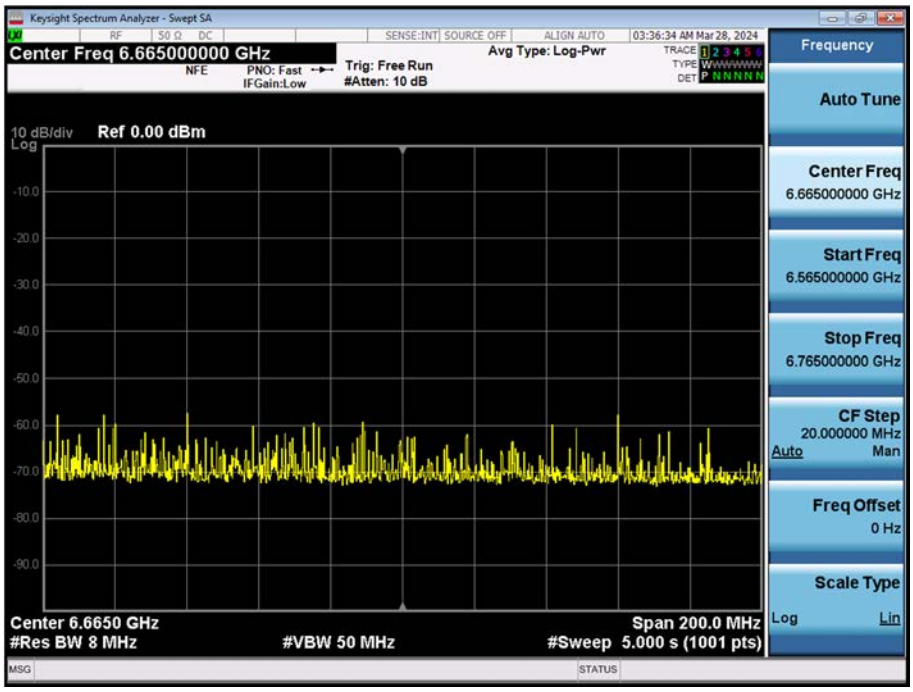
The channel reduces to an 80 MHz channel centered around 6705 MHz.




**Bandwidth reduction plot (AWGN injected at center)**

: A 10 MHz AWGN signal (centered at 6665 MHz) is injected.

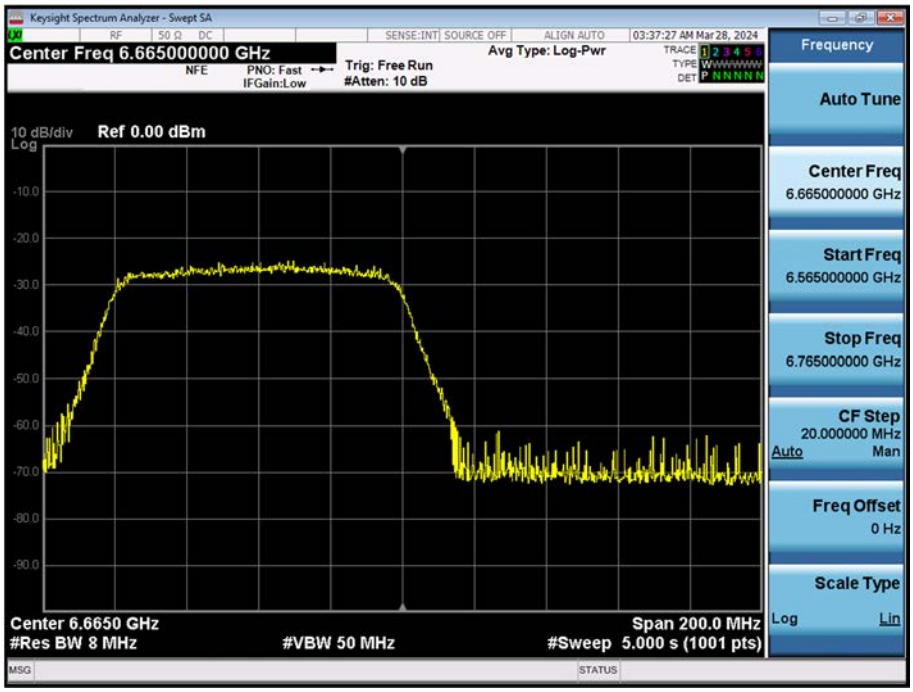
The channel completely ceases operation.



**Bandwidth reduction plot (AWGN injected at high end)**

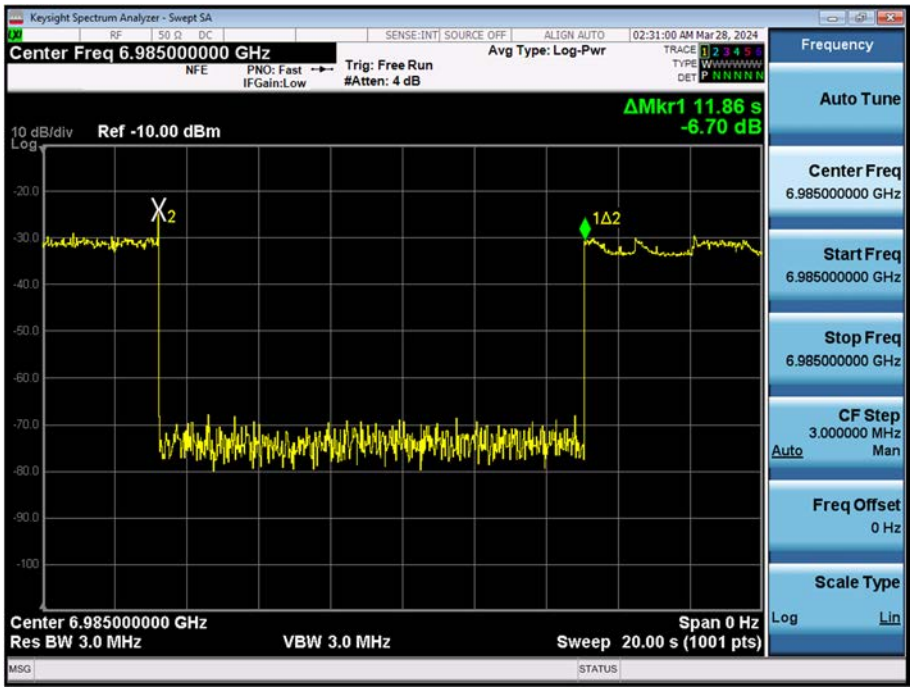
: A 10 MHz AWGN signal (centered at 6740 MHz) is injected.

The channel reduces to a 80 MHz channel centered around 6625 MHz.



UNII 8

802.11ax HE160 Ch.207(6985 MHz) Incumbent signal (Ceased)

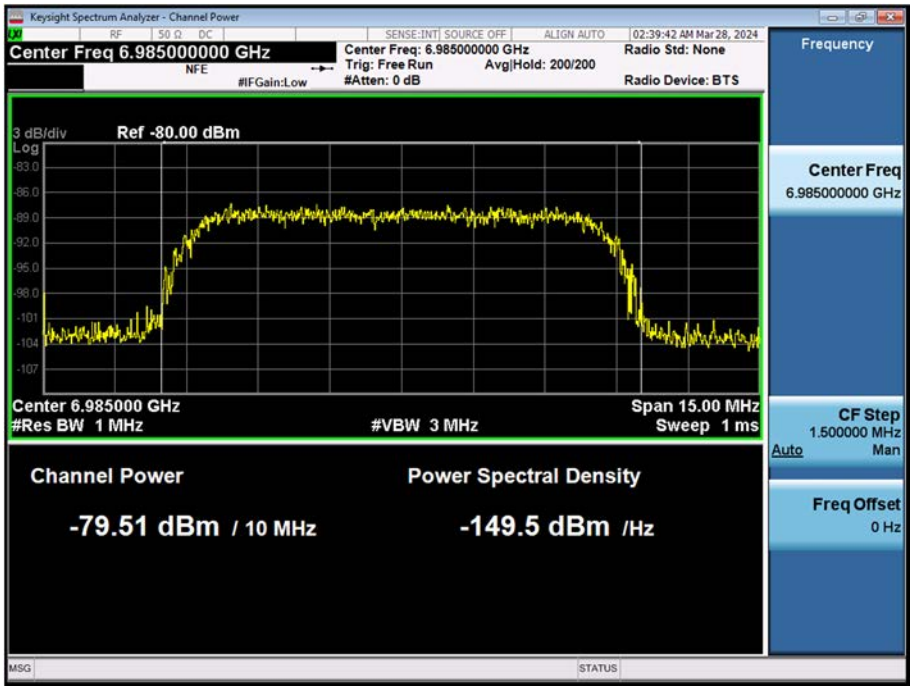



Note :

Marker 2 : AWGN Signal On

Marker 1△2 : AWGN signal Off (limit > 10s)

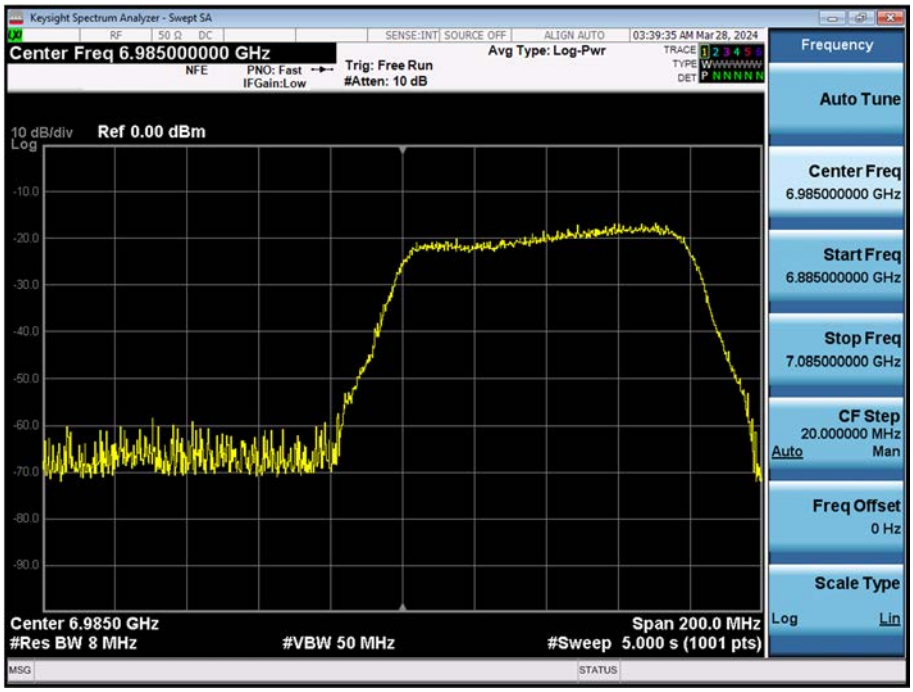
802.11ax HE160 Ch.207(6985 MHz) Detection Level



**Bandwidth reduction plot (AWGN injected at low end)**

: A 10 MHz AWGN signal (centered at 6910 MHz) is injected.

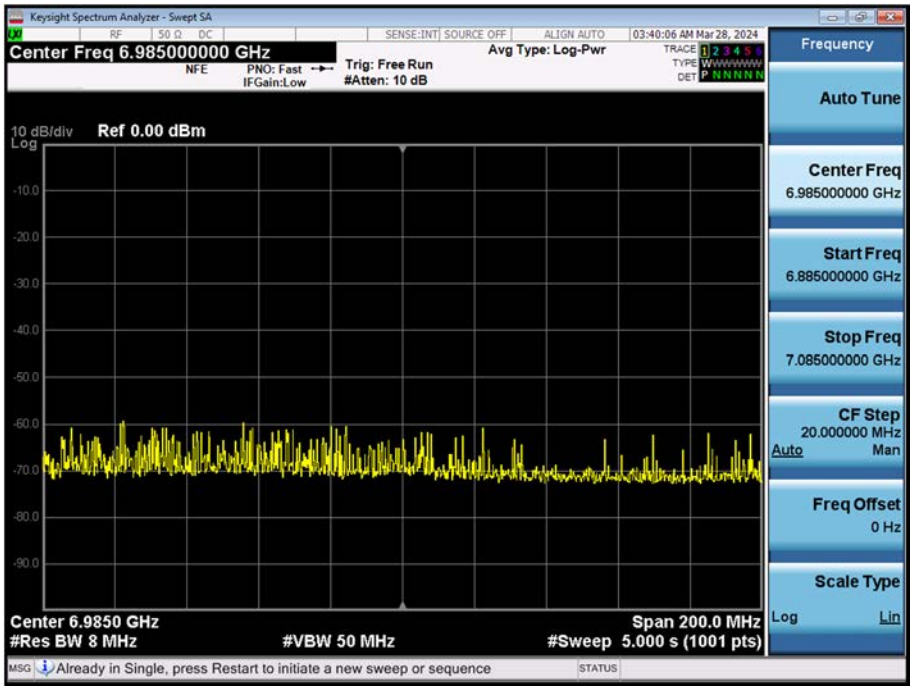
The channel reduces to an 80 MHz channel centered around 7025 MHz.




**Bandwidth reduction plot (AWGN injected at center)**

: A 10 MHz AWGN signal (centered at 6985 MHz) is injected.

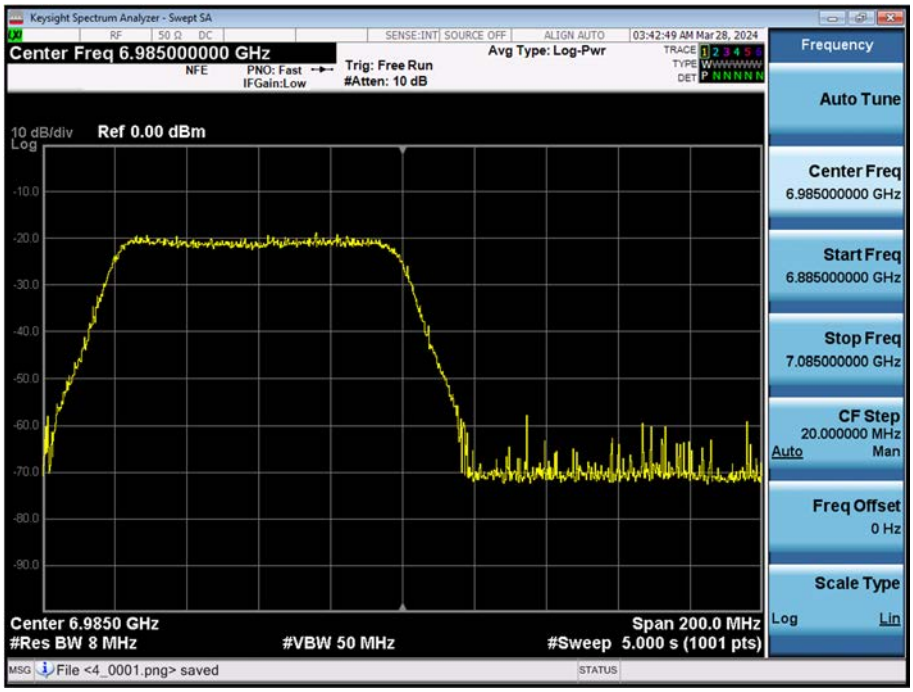
The channel completely ceases operation.



**Bandwidth reduction plot (AWGN injected at high end)**

: A 10 MHz AWGN signal (centered at 7060 MHz) is injected.

The channel reduces to a 80 MHz channel centered around 6945 MHz.



## 10.8 Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

Note:

1. The EUT is a Dual Client Device
2. The test was executed with the SP AP and LPI AP (CMW500) authorized to transmit up to 30dBm (SP AP) and 24dBm(LPI AP).
3. The EUT was connected via a conducted connection to the spectrum analyzer. Simultaneously, the EUT was able to see and establish a conducted connection with the standard power access point and Low Power Indoor access point. (CMW500)

Ch.5 5975 MHz

| Authorized EIRP for AP [dBm] | Dual Client ANT1 [dBm] | Dual Client ANT2 [dBm] | ANT1 gain [dBi] | ANT2 gain [dBi] | Dual Client MIMO Summed Conducted Power [dBm] | Directional Antenna Gain [dBi] | Dual Client MIMO EIRP [dBm] | Limit [dBm] | Margin [dB] |
|---|---|---|---|---|---|---|---|---|---|
| 30(SP) | 14.08 | 13.67 | -10.25 | -10.29 | 16.89 | -7.26 | 9.63 | 30 | 20.37 |
| 24(LPI) | 10.68 | 12.45 | -10.25 | -10.29 | 14.66 | -7.26 | 7.41 | 24 | 16.59 |

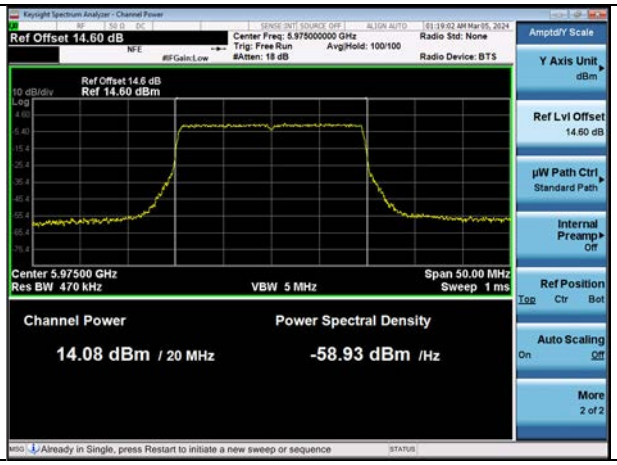
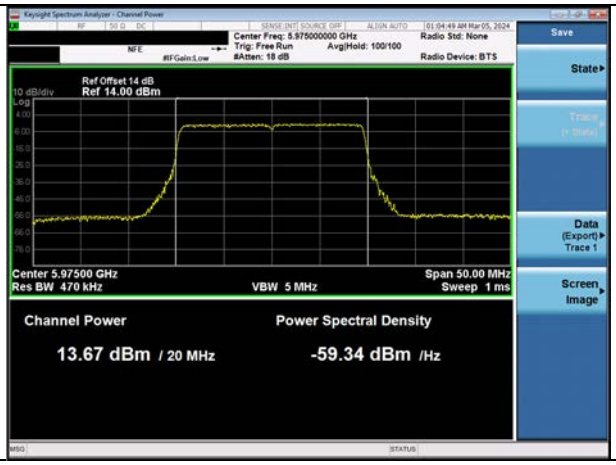
Ch.133 6615 MHz

| Authorized EIRP for AP [dBm] | Dual Client ANT1 [dBm] | Dual Client ANT2 [dBm] | ANT1 gain [dBi] | ANT2 gain [dBi] | Dual Client MIMO Summed Conducted Power [dBm] | Directional Antenna Gain [dBi] | Dual Client MIMO EIRP [dBm] | Limit [dBm] | Margin [dB] |
|---|---|---|---|---|---|---|---|---|---|
| 30(SP) | 13.19 | 13.05 | -11.59 | -11.21 | 16.13 | -8.39 | 7.74 | 30 | 16.26 |
| 24(LPI) | 11.66 | 12.89 | -11.59 | -11.21 | 15.33 | -8.39 | 6.94 | 24 | 17.06 |

## ▣ Test Plots

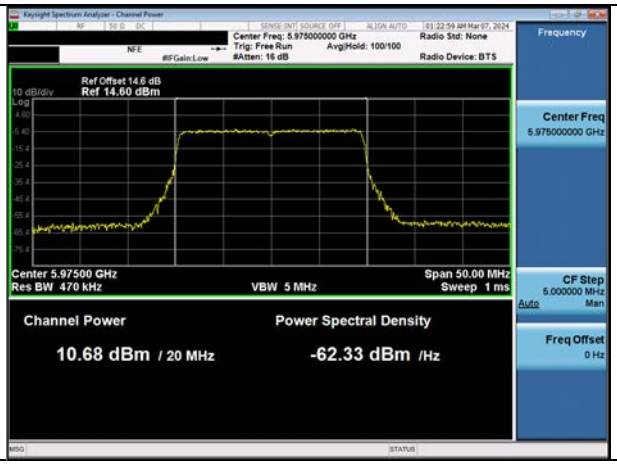
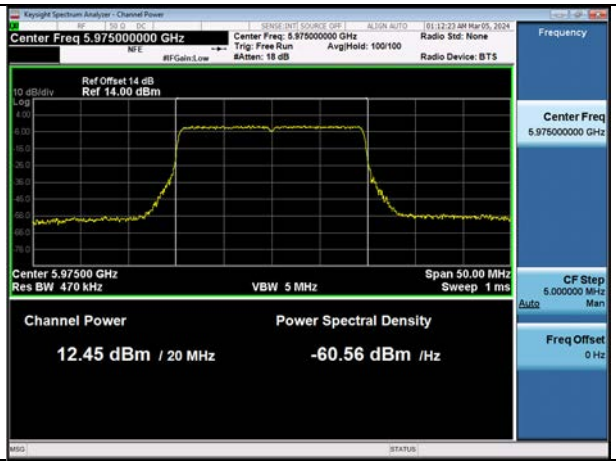
CH.5 5975 MHz

SP AP Client Conducted Power (EIRP Authorization Power = 30 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

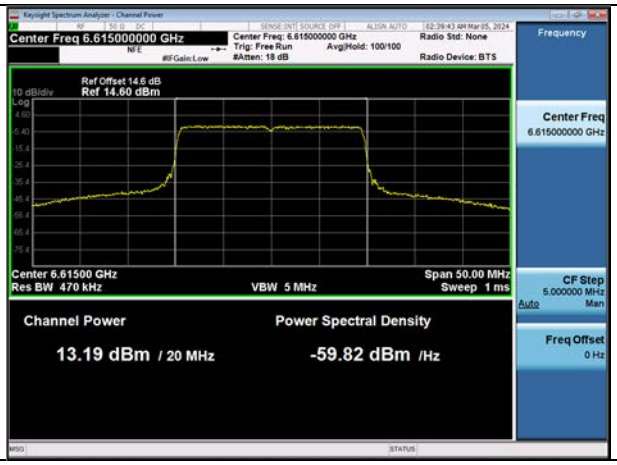
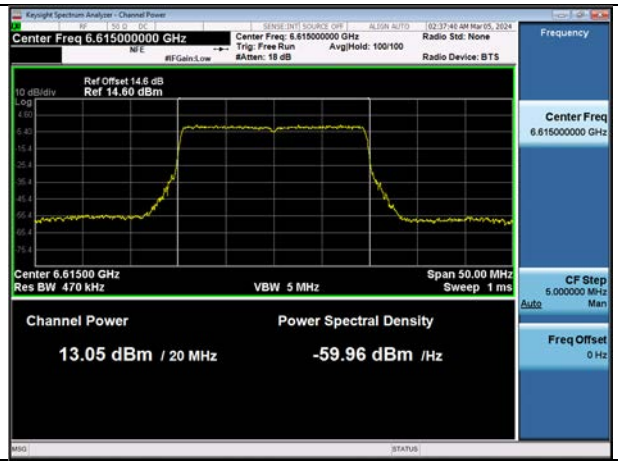


LPI AP Client Conducted Power (EIRP Authorization Power = 24 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

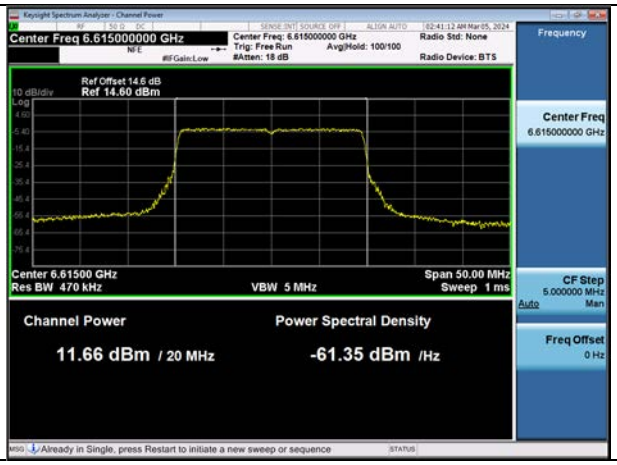
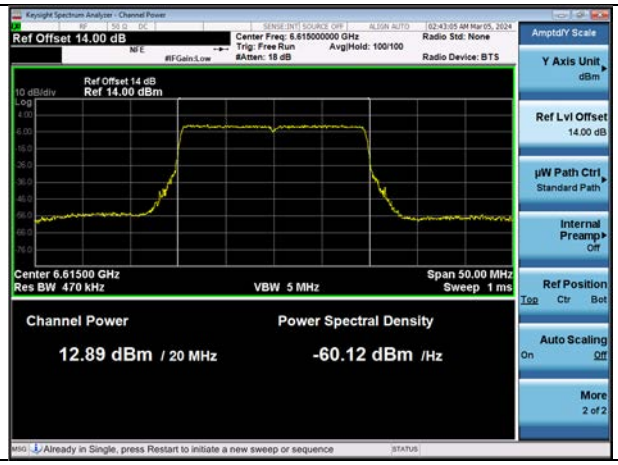
CH.133 6615 MHz

SP AP Client Conducted Power (EIRP Authorization Power = 30 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

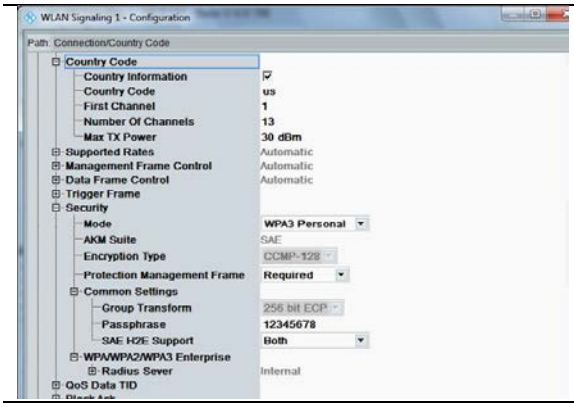


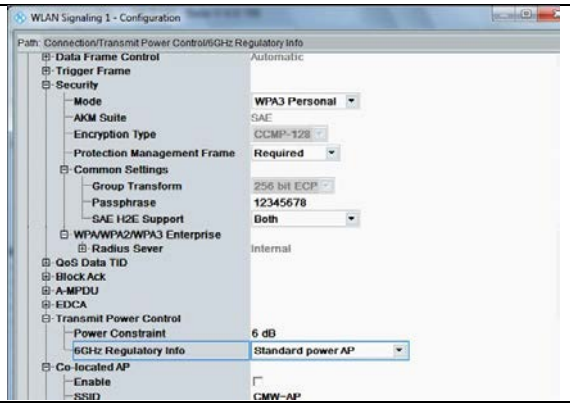
LPI AP Client Conducted Power (EIRP Authorization Power = 24 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

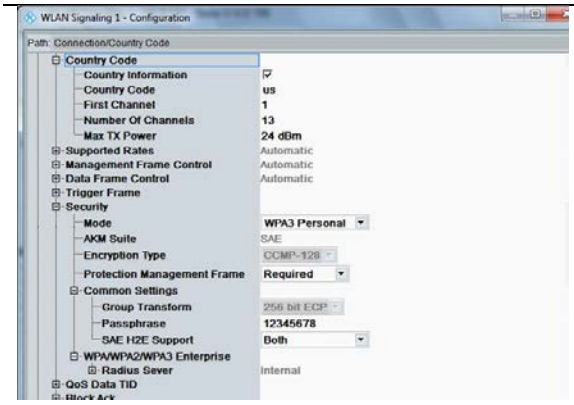
## ▣ CMW500 Status

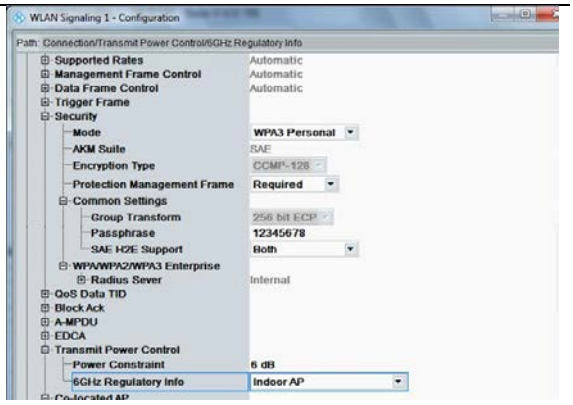
CMW500 - EIRP Authorization Power_30 dBm (SP AP)




CMW500- EIRP Authorization Power_24 dBm (LPI AP)



## 10.9 Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

Note:

1. The EUT is a Dual Client Device
2. The test was executed with the SP AP(CMW500) authorized to transmit up to 12dBm, 24dBm, and 36dBm on Ch. 5 (5975 MHz) and Ch. 133 (6615 MHz).
3. The lowest 12dBm power level is based on the EIRP resulting from the conducted power targets specified in the manufacturer's 'WLAN Tune up Procedure Document'.
4. The EUT was connected via a conducted connection to the spectrum analyzer. Simultaneously, the EUT was able to see and establish a conducted connection with the standard power access point. (CMW500)

Ch.5 5975 MHz

| Authorized EIRP for AP [dBm] | Client ANT1 [dBm] | Client ANT2 [dBm] | ANT1 gain [dBi] | ANT2 gain [dBi] | Client MIMO Summed Conducted Power [dBm] | Directional Antenna Gain [dBi] | Client MIMO EIRP [dBm] | Limit [dBm] | Margin [dB] |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 11.47 | 12.85 | -10.25 | -10.29 | 15.22 | -7.26 | 7.97 | 30 | 22.03 |
| 24 | 12.23 | 12.67 | -10.25 | -10.29 | 15.47 | -7.26 | 8.21 | 18 | 9.79 |
| 12 | 5.46 | 6.99 | -10.25 | -10.29 | 9.30 | -7.26 | 2.04 | 6 | 3.96 |

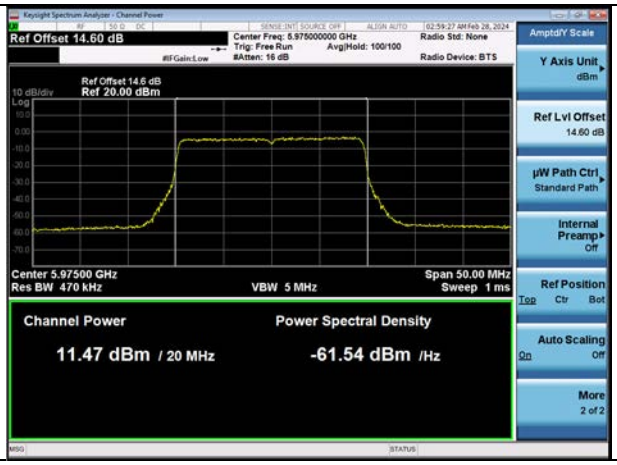
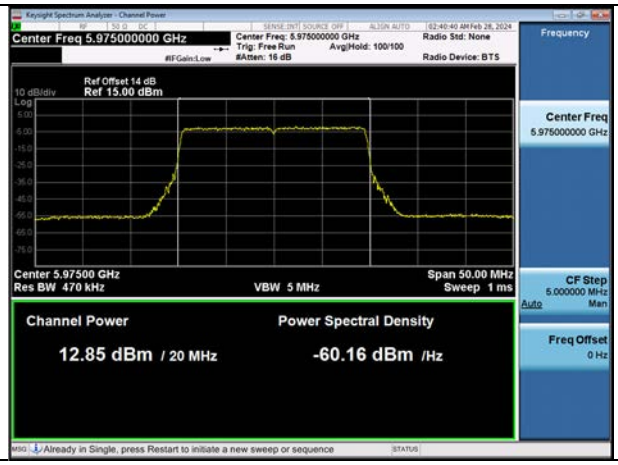
Ch.133 6615 MHz

| Authorized EIRP for AP [dBm] | Client ANT1 [dBm] | Client ANT2 [dBm] | ANT1 gain [dBi] | ANT2 gain [dBi] | Client MIMO Summed Conducted Power [dBm] | Directional Antenna Gain [dBi] | Client MIMO EIRP [dBm] | Limit [dBm] | Margin [dB] |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 14.13 | 13.34 | -11.59 | -11.21 | 16.76 | -8.39 | 8.38 | 30 | 21.62 |
| 24 | 14.27 | 13.26 | -11.59 | -11.21 | 16.80 | -8.39 | 8.42 | 18 | 9.58 |
| 12 | 7.63 | 6.50 | -11.59 | -11.21 | 10.11 | -8.39 | 1.72 | 6 | 4.28 |

## ▣ Test Plots

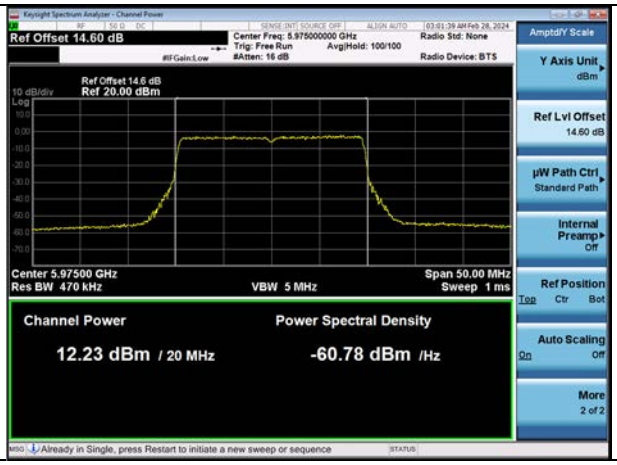
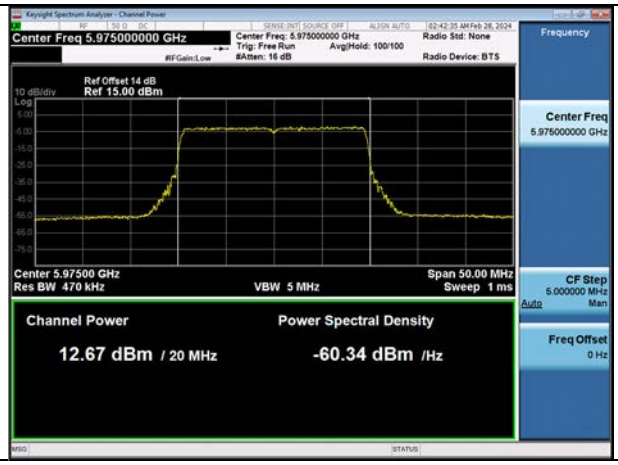
CH.5 5975 MHz

Client Conducted Power (EIRP Authorization Power = 36 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

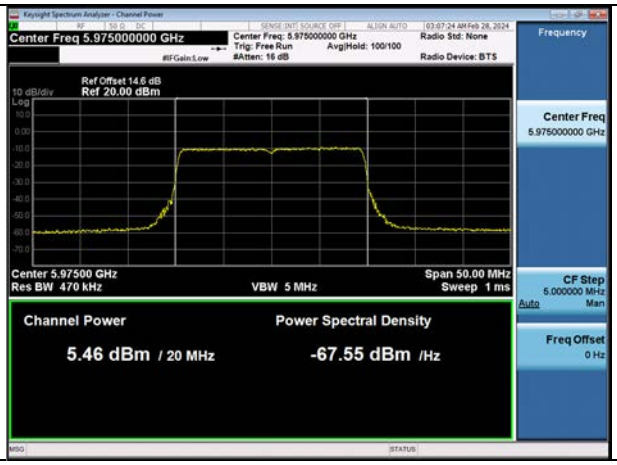
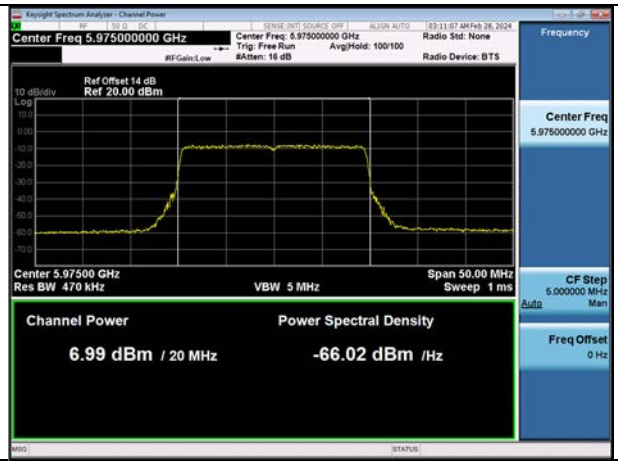


Client Conducted Power (EIRP Authorization Power = 24 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

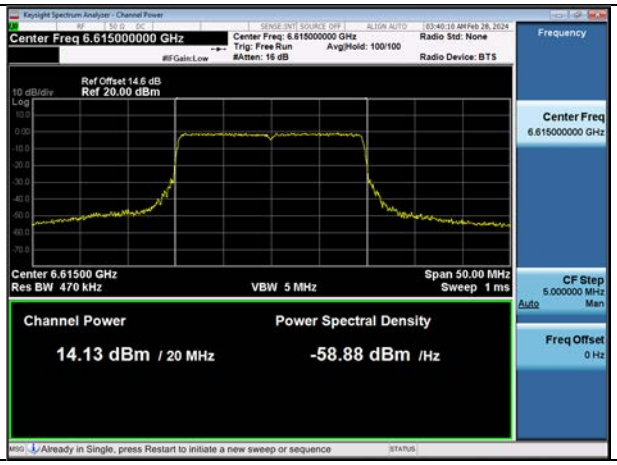
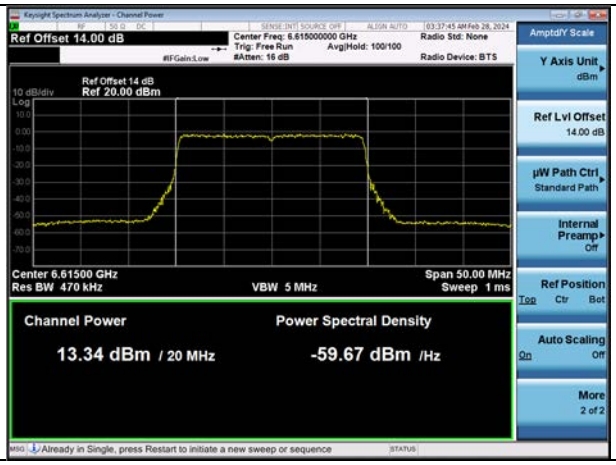


Client Conducted Power (EIRP Authorization Power = 12 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

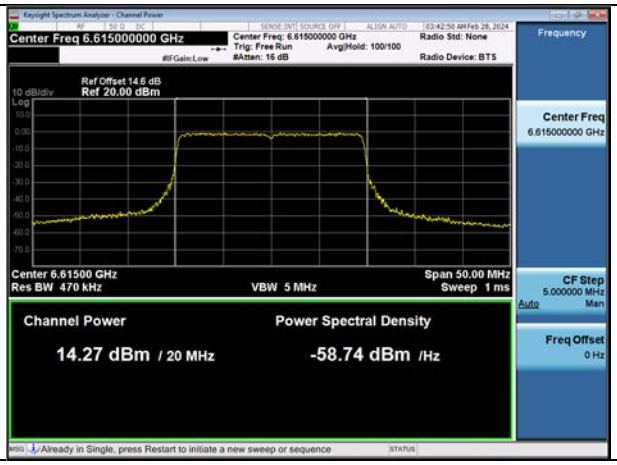
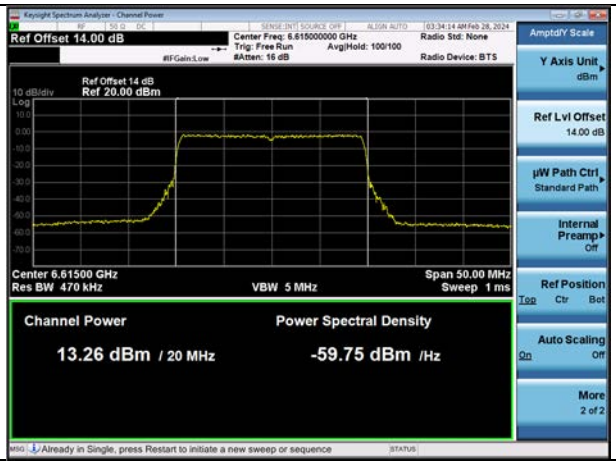
CH.133 6615 MHz

Client Conducted Power (EIRP Authorization Power = 36 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

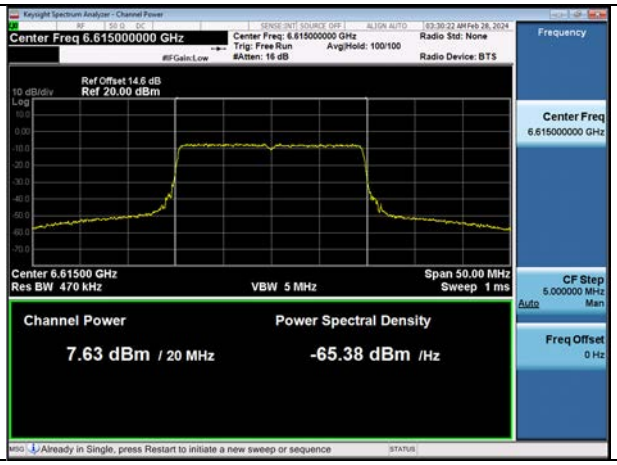
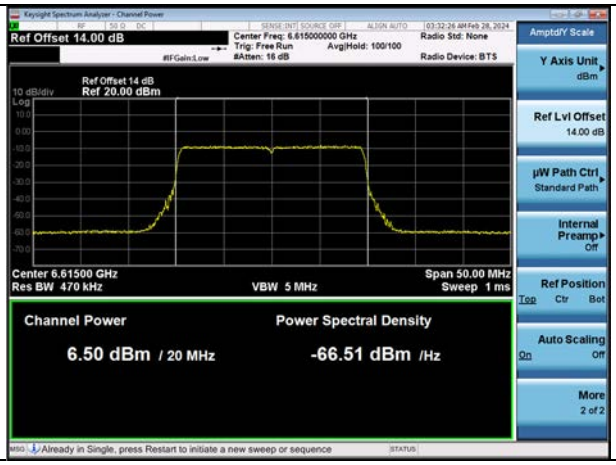


Client Conducted Power (EIRP Authorization Power = 24 dBm)

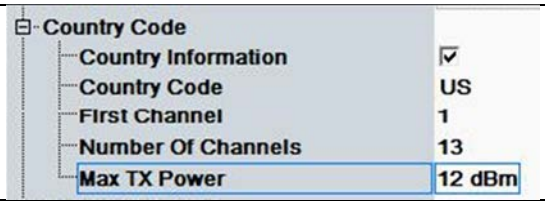
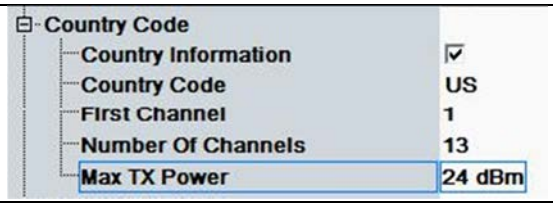
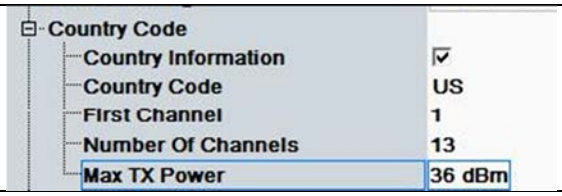
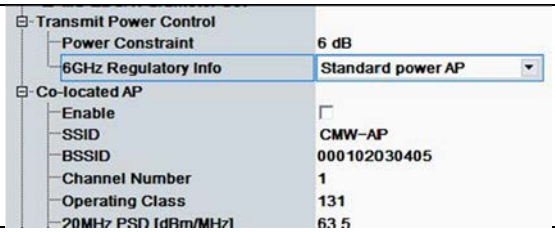
| ANT. 1 | ANT. 2 |
|---|---|
|  |  |



Client Conducted Power (EIRP Authorization Power = 12 dBm)

| ANT. 1 | ANT. 2 |
|---|---|
|  |  |

▣ CMW500 Status

| |
|---|
| CMW500 - EIRP Authorization Power_12 dBm |
|  |
| CMW500- EIRP Authorization Power_24 dBm |
|  |
| CMW500- EIRP Authorization Power_36 dBm |
|  |
| CMW500 (SP AP Mode) |
|  |

## 10.10 FREQUENCY STABILITY.

### 10.10.1 160 MHz BW

**Note**

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

**2.** Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

**Startup after the EUT is energized**

| | |
|---|---|
| OPERATING BAND: | UNII Band 5 |
| OPERATING FREQUENCY: | 6,025,000,000 Hz |
| CHANNEL: | 15 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6025032.74 | 32.74 |
| 100% | | -30 | 6025006.15 | 6.15 |
| 100% | | -20 | 6025012.75 | 12.75 |
| 100% | | -10 | 6025020.29 | 20.29 |
| 100% | | 0 | 6025021.77 | 21.77 |
| 100% | | +10 | 6025027.61 | 27.61 |
| 100% | | +30 | 6025039.41 | 39.41 |
| 100% | | +40 | 6025042.06 | 42.06 |
| 100% | | +50 | 6025051.53 | 51.53 |
| High | 4.45 | +20 | 6025031.02 | 31.02 |
| Low | 3.70 | +20 | 6025032.58 | 32.58 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 6 |
| OPERATING FREQUENCY: | 6,505,000,000 Hz |
| CHANNEL: | 111 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6505031.75 | 31.75 |
| 100% | | -30 | 6505010.32 | 10.32 |
| 100% | | -20 | 6505010.34 | 10.34 |
| 100% | | -10 | 6505020.91 | 20.91 |
| 100% | | 0 | 6505023.39 | 23.39 |
| 100% | | +10 | 6505028.34 | 28.34 |
| 100% | | +30 | 6505040.24 | 40.24 |
| 100% | | +40 | 6505049.65 | 49.65 |
| 100% | | +50 | 6505054.17 | 54.17 |
| High | 4.45 | +20 | 6505032.12 | 32.12 |
| Low | 3.70 | +20 | 6505032.70 | 32.70 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 7 |
| OPERATING FREQUENCY: | 6,665,000,000 Hz |
| CHANNEL: | 143 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6665031.12 | 31.12 |
| 100% | | -30 | 6665007.16 | 7.16 |
| 100% | | -20 | 6665010.96 | 10.96 |
| 100% | | -10 | 6665020.35 | 20.35 |
| 100% | | 0 | 6665022.93 | 22.93 |
| 100% | | +10 | 6665026.83 | 26.83 |
| 100% | | +30 | 6665040.90 | 40.90 |
| 100% | | +40 | 6665040.89 | 40.89 |
| 100% | | +50 | 6665054.75 | 54.75 |
| High | 4.45 | +20 | 6665034.52 | 34.52 |
| Low | 3.70 | +20 | 6665033.70 | 33.70 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 8 |
| OPERATING FREQUENCY: | 6,825,000,000 Hz |
| CHANNEL: | 175 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6825031.64 | 31.64 |
| 100% | | -30 | 6825006.20 | 6.20 |
| 100% | | -20 | 6825010.48 | 10.48 |
| 100% | | -10 | 6825015.50 | 15.50 |
| 100% | | 0 | 6825022.85 | 22.85 |
| 100% | | +10 | 6825026.55 | 26.55 |
| 100% | | +30 | 6825039.32 | 39.32 |
| 100% | | +40 | 6825043.70 | 43.70 |
| 100% | | +50 | 6825060.87 | 60.87 |
| High | 4.45 | +20 | 6825034.22 | 34.22 |
| Low | 3.70 | +20 | 6825035.69 | 35.69 |

**2 minutes after the EUT is energized**

| | |
|---|---|
| OPERATING BAND: | UNII Band 5 |
| OPERATING FREQUENCY: | 6,025,000,000 Hz |
| CHANNEL: | 15 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6025034.89 | 34.89 |
| 100% | | -30 | 6025007.66 | 7.66 |
| 100% | | -20 | 6025011.75 | 11.75 |
| 100% | | -10 | 6025020.10 | 20.10 |
| 100% | | 0 | 6025023.92 | 23.92 |
| 100% | | +10 | 6025027.78 | 27.78 |
| 100% | | +30 | 6025035.55 | 35.55 |
| 100% | | +40 | 6025047.87 | 47.87 |
| 100% | | +50 | 6025050.75 | 50.75 |
| High | 4.45 | +20 | 6025030.19 | 30.19 |
| Low | 3.70 | +20 | 6025034.63 | 34.63 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 6 |
| OPERATING FREQUENCY: | 6,505,000,000 Hz |
| CHANNEL: | 111 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6505035.10 | 35.10 |
| 100% | | -30 | 6505009.64 | 9.64 |
| 100% | | -20 | 6505014.24 | 14.24 |
| 100% | | -10 | 6505019.18 | 19.18 |
| 100% | | 0 | 6505020.13 | 20.13 |
| 100% | | +10 | 6505026.02 | 26.02 |
| 100% | | +30 | 6505036.69 | 36.69 |
| 100% | | +40 | 6505050.89 | 50.89 |
| 100% | | +50 | 6505060.43 | 60.43 |
| High | 4.45 | +20 | 6505030.22 | 30.22 |
| Low | 3.70 | +20 | 6505031.69 | 31.69 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 7 |
| OPERATING FREQUENCY: | 6,665,000,000 Hz |
| CHANNEL: | 143 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6665032.34 | 32.34 |
| 100% | | -30 | 6665006.32 | 6.32 |
| 100% | | -20 | 6665015.35 | 15.35 |
| 100% | | -10 | 6665020.17 | 20.17 |
| 100% | | 0 | 6665021.46 | 21.46 |
| 100% | | +10 | 6665025.02 | 25.02 |
| 100% | | +30 | 6665040.46 | 40.46 |
| 100% | | +40 | 6665043.30 | 43.30 |
| 100% | | +50 | 6665051.62 | 51.62 |
| High | 4.45 | +20 | 6665035.06 | 35.06 |
| Low | 3.70 | +20 | 6665031.92 | 31.92 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 8 |
| OPERATING FREQUENCY: | 6,825,000,000 Hz |
| CHANNEL: | 175 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6825030.80 | 30.80 |
| 100% | | -30 | 6825005.34 | 5.34 |
| 100% | | -20 | 6825013.44 | 13.44 |
| 100% | | -10 | 6825020.32 | 20.32 |
| 100% | | 0 | 6825021.29 | 21.29 |
| 100% | | +10 | 6825029.19 | 29.19 |
| 100% | | +30 | 6825036.48 | 36.48 |
| 100% | | +40 | 6825047.23 | 47.23 |
| 100% | | +50 | 6825058.26 | 58.26 |
| High | 4.45 | +20 | 6825030.71 | 30.71 |
| Low | 3.70 | +20 | 6825032.27 | 32.27 |

**5 minutes after the EUT is energized**

| | |
|---|---|
| OPERATING BAND: | UNII Band 5 |
| OPERATING FREQUENCY: | 6,025,000,000 Hz |
| CHANNEL: | 15 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6025030.63 | 30.63 |
| 100% | | -30 | 6025006.45 | 6.45 |
| 100% | | -20 | 6025011.19 | 11.19 |
| 100% | | -10 | 6025015.39 | 15.39 |
| 100% | | 0 | 6025023.59 | 23.59 |
| 100% | | +10 | 6025026.87 | 26.87 |
| 100% | | +30 | 6025035.43 | 35.43 |
| 100% | | +40 | 6025048.40 | 48.40 |
| 100% | | +50 | 6025051.18 | 51.18 |
| High | 4.45 | +20 | 6025034.70 | 34.70 |
| Low | 3.70 | +20 | 6025031.17 | 31.17 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 6 |
| OPERATING FREQUENCY: | 6,505,000,000 Hz |
| CHANNEL: | 111 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6505035.89 | 35.89 |
| 100% | | -30 | 6505008.96 | 8.96 |
| 100% | | -20 | 6505011.04 | 11.04 |
| 100% | | -10 | 6505019.05 | 19.05 |
| 100% | | 0 | 6505022.07 | 22.07 |
| 100% | | +10 | 6505027.37 | 27.37 |
| 100% | | +30 | 6505039.98 | 39.98 |
| 100% | | +40 | 6505041.24 | 41.24 |
| 100% | | +50 | 6505054.39 | 54.39 |
| High | 4.45 | +20 | 6505030.04 | 30.04 |
| Low | 3.70 | +20 | 6505035.65 | 35.65 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 7 |
| OPERATING FREQUENCY: | 6,665,000,000 Hz |
| CHANNEL: | 143 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6665034.33 | 34.33 |
| 100% | | -30 | 6665006.03 | 6.03 |
| 100% | | -20 | 6665011.95 | 11.95 |
| 100% | | -10 | 6665018.24 | 18.24 |
| 100% | | 0 | 6665021.42 | 21.42 |
| 100% | | +10 | 6665025.92 | 25.92 |
| 100% | | +30 | 6665038.88 | 38.88 |
| 100% | | +40 | 6665042.10 | 42.10 |
| 100% | | +50 | 6665059.79 | 59.79 |
| High | 4.45 | +20 | 6665031.21 | 31.21 |
| Low | 3.70 | +20 | 6665033.97 | 33.97 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 8 |
| OPERATING FREQUENCY: | 6,825,000,000 Hz |
| CHANNEL: | 175 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6825031.49 | 31.49 |
| 100% | | -30 | 6825006.32 | 6.32 |
| 100% | | -20 | 6825010.57 | 10.57 |
| 100% | | -10 | 6825016.59 | 16.59 |
| 100% | | 0 | 6825021.90 | 21.90 |
| 100% | | +10 | 6825030.53 | 30.53 |
| 100% | | +30 | 6825037.26 | 37.26 |
| 100% | | +40 | 6825043.32 | 43.32 |
| 100% | | +50 | 6825056.66 | 56.66 |
| High | 4.45 | +20 | 6825031.09 | 31.09 |
| Low | 3.70 | +20 | 6825033.76 | 33.76 |

**10 minutes after the EUT is energized**

| | |
|---|---|
| OPERATING BAND: | UNII Band 5 |
| OPERATING FREQUENCY: | 6,025,000,000 Hz |
| CHANNEL: | 15 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6025032.07 | 32.07 |
| 100% | | -30 | 6025006.10 | 6.10 |
| 100% | | -20 | 6025014.97 | 14.97 |
| 100% | | -10 | 6025017.83 | 17.83 |
| 100% | | 0 | 6025025.58 | 25.58 |
| 100% | | +10 | 6025027.41 | 27.41 |
| 100% | | +30 | 6025040.24 | 40.24 |
| 100% | | +40 | 6025047.48 | 47.48 |
| 100% | | +50 | 6025057.76 | 57.76 |
| High | 4.45 | +20 | 6025031.65 | 31.65 |
| Low | 3.70 | +20 | 6025031.39 | 31.39 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 6 |
| OPERATING FREQUENCY: | 6,505,000,000 Hz |
| CHANNEL: | 111 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6505030.81 | 30.81 |
| 100% | | -30 | 6505007.67 | 7.67 |
| 100% | | -20 | 6505010.28 | 10.28 |
| 100% | | -10 | 6505015.09 | 15.09 |
| 100% | | 0 | 6505023.88 | 23.88 |
| 100% | | +10 | 6505025.26 | 25.26 |
| 100% | | +30 | 6505036.89 | 36.89 |
| 100% | | +40 | 6505047.73 | 47.73 |
| 100% | | +50 | 6505052.84 | 52.84 |
| High | 4.45 | +20 | 6505034.77 | 34.77 |
| Low | 3.70 | +20 | 6505033.77 | 33.77 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 7 |
| OPERATING FREQUENCY: | 6,665,000,000 Hz |
| CHANNEL: | 143 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6665034.07 | 34.07 |
| 100% | | -30 | 6665007.27 | 7.27 |
| 100% | | -20 | 6665015.27 | 15.27 |
| 100% | | -10 | 6665015.84 | 15.84 |
| 100% | | 0 | 6665024.32 | 24.32 |
| 100% | | +10 | 6665025.20 | 25.20 |
| 100% | | +30 | 6665036.47 | 36.47 |
| 100% | | +40 | 6665046.35 | 46.35 |
| 100% | | +50 | 6665059.71 | 59.71 |
| High | 4.45 | +20 | 6665030.68 | 30.68 |
| Low | 3.70 | +20 | 6665031.70 | 31.70 |

| | |
|---|---|
| OPERATING BAND: | UNII Band 8 |
| OPERATING FREQUENCY: | 6,825,000,000 Hz |
| CHANNEL: | 175 |
| REFERENCE VOLTAGE: | 3.88 VDC |

| Voltage (%) | Power (VDC) | Temp. (°C) | Frequency (kHz) | Frequency Error (kHz) |
|---|---|---|---|---|
| 100% | 3.88 | +20(Ref) | 6825031.90 | 31.90 |
| 100% | | -30 | 6825007.02 | 7.02 |
| 100% | | -20 | 6825011.03 | 11.03 |
| 100% | | -10 | 6825019.65 | 19.65 |
| 100% | | 0 | 6825024.09 | 24.09 |
| 100% | | +10 | 6825027.99 | 27.99 |
| 100% | | +30 | 6825037.35 | 37.35 |
| 100% | | +40 | 6825048.53 | 48.53 |
| 100% | | +50 | 6825055.45 | 55.45 |
| High | 4.45 | +20 | 6825032.67 | 32.67 |
| Low | 3.70 | +20 | 6825035.58 | 35.58 |

## 10.11 RADIATED SPURIOUS EMISSIONS (9 kHz – 1 GHz)

**Frequency Range : 9 kHz – 30 MHz**

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

**Note:**

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

**Frequency Range : Below 1 GHz**

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

**Note:**

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

## 10.12 RADIATED SPURIOUS EMISSIONS (Above 1 GHz)

(MIMO_CDD(Ant1+Ant2))

[Open mode]

1) 802.11a

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 11870 | 43.71 | 0.00 | 8.69 | V | 52.40 | 73.98 | 21.58 | PK |
| 11870 | 31.05 | 0.29 | 8.69 | V | 40.03 | 53.98 | 13.95 | AV |
| 17805 | 40.89 | 0.00 | 16.72 | V | 57.61 | 73.98 | 16.37 | PK |
| 17805 | 27.85 | 0.29 | 16.72 | V | 44.86 | 53.98 | 9.12 | AV |
| 11870 | 43.62 | 0.00 | 8.69 | H | 52.31 | 73.98 | 21.67 | PK |
| 11870 | 30.95 | 0.29 | 8.69 | H | 39.93 | 53.98 | 14.05 | AV |
| 17805 | 40.70 | 0.00 | 16.72 | H | 57.42 | 73.98 | 16.56 | PK |
| 17805 | 27.71 | 0.29 | 16.72 | H | 44.72 | 53.98 | 9.26 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6175 MHz |
| Channel No. : | 45 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12350 | 42.85 | 0.00 | 9.53 | V | 52.38 | 73.98 | 21.60 | PK |
| 12350 | 30.65 | 0.29 | 9.53 | V | 40.47 | 53.98 | 13.51 | AV |
| 18525 | 52.16 | 0.00 | 1.33 | V | 53.49 | 73.98 | 20.49 | PK |
| 18525 | 40.57 | 0.29 | 1.33 | V | 42.19 | 53.98 | 11.79 | AV |
| 12350 | 42.45 | 0.00 | 9.53 | H | 51.98 | 73.98 | 22.00 | PK |
| 12350 | 30.51 | 0.29 | 9.53 | H | 40.33 | 53.98 | 13.65 | AV |
| 18525 | 52.02 | 0.00 | 1.33 | H | 53.35 | 73.98 | 20.63 | PK |
| 18525 | 40.44 | 0.29 | 1.33 | H | 42.06 | 53.98 | 11.92 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6415 MHz |
| Channel No. : | 93 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 12830 | 43.84 | 0.00 | 10.85 | V | 54.69 | 88.23 | 33.54 | PK |
| 12830 | 32.07 | 0.29 | 10.85 | V | 43.21 | 68.23 | 25.02 | AV |
| 19245 | 49.81 | 0.00 | 2.80 | V | 52.61 | 73.98 | 21.37 | PK |
| 19245 | 38.51 | 0.29 | 2.80 | V | 41.60 | 53.98 | 12.38 | AV |
| 12830 | 43.62 | 0.00 | 10.85 | H | 54.47 | 88.23 | 33.76 | PK |
| 12830 | 31.05 | 0.29 | 10.85 | H | 42.19 | 68.23 | 26.04 | AV |
| 19245 | 49.71 | 0.00 | 2.80 | H | 52.51 | 73.98 | 21.47 | PK |
| 19245 | 38.41 | 0.29 | 2.80 | H | 41.50 | 53.98 | 12.48 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6435 MHz |
| Channel No. : | 97 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 12870 | 43.17 | 0.00 | 11.45 | V | 54.62 | 88.23 | 33.61 | PK |
| 12870 | 31.55 | 0.29 | 11.45 | V | 43.29 | 68.23 | 24.94 | AV |
| 19305 | 49.40 | 0.00 | 3.36 | V | 52.76 | 73.98 | 21.22 | PK |
| 19305 | 37.83 | 0.29 | 3.36 | V | 41.48 | 53.98 | 12.50 | AV |
| 12870 | 42.91 | 0.00 | 11.45 | H | 54.36 | 88.23 | 33.87 | PK |
| 12870 | 31.33 | 0.29 | 11.45 | H | 43.07 | 68.23 | 25.16 | PK |
| 19305 | 49.32 | 0.00 | 3.36 | H | 52.68 | 73.98 | 21.30 | PK |
| 19305 | 37.79 | 0.29 | 3.36 | H | 41.44 | 53.98 | 12.54 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6475 MHz |
| Channel No. : | 105 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12950 | 42.40 | 0.00 | 12.07 | V | 54.47 | 88.23 | 33.76 | PK |
| 12950 | 30.15 | 0.29 | 12.07 | V | 42.51 | 68.23 | 25.72 | AV |
| 19425 | 50.00 | 0.00 | 3.97 | V | 53.97 | 73.98 | 20.01 | PK |
| 19425 | 37.78 | 0.29 | 3.97 | V | 42.04 | 53.98 | 11.94 | AV |
| 12950 | 42.01 | 0.00 | 12.07 | H | 54.08 | 88.23 | 34.15 | PK |
| 12950 | 30.01 | 0.29 | 12.07 | H | 42.37 | 68.23 | 25.86 | AV |
| 19425 | 48.82 | 0.00 | 3.97 | H | 52.79 | 73.98 | 21.19 | PK |
| 19425 | 37.66 | 0.29 | 3.97 | H | 41.92 | 53.98 | 12.06 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6515 MHz |
| Channel No. : | 113 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 13030 | 42.02 | 0.00 | 12.01 | V | 54.03 | 88.23 | 34.20 | PK |
| 13030 | 30.65 | 0.29 | 12.01 | V | 42.95 | 68.23 | 25.28 | AV |
| 19545 | 49.93 | 0.00 | 4.75 | V | 54.68 | 73.98 | 19.30 | PK |
| 19545 | 36.95 | 0.29 | 4.75 | V | 41.99 | 53.98 | 11.99 | AV |
| 13030 | 41.72 | 0.00 | 12.01 | H | 53.73 | 88.23 | 34.50 | PK |
| 13030 | 30.51 | 0.29 | 12.01 | H | 42.81 | 68.23 | 25.42 | AV |
| 19545 | 49.78 | 0.00 | 4.75 | H | 54.53 | 73.98 | 19.45 | PK |
| 19545 | 36.76 | 0.29 | 4.75 | H | 41.80 | 53.98 | 12.18 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6535 MHz |
| Channel No. : | 117 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13070 | 43.03 | 0.00 | 11.84 | V | 54.87 | 88.23 | 33.36 | PK |
| 13070 | 31.15 | 0.29 | 11.84 | V | 43.28 | 68.23 | 24.95 | AV |
| 19605 | 48.64 | 0.00 | 5.08 | V | 53.72 | 73.98 | 20.26 | PK |
| 19605 | 36.50 | 0.29 | 5.08 | V | 41.09 | 53.98 | 12.89 | AV |
| 13070 | 42.85 | 0.00 | 11.84 | H | 54.69 | 88.23 | 33.54 | PK |
| 13070 | 30.91 | 0.29 | 11.84 | H | 43.04 | 68.23 | 25.19 | AV |
| 19605 | 48.49 | 0.00 | 5.08 | H | 53.57 | 73.98 | 20.41 | PK |
| 19605 | 36.41 | 0.29 | 5.08 | H | 41.78 | 53.98 | 12.20 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6695 MHz |
| Channel No. : | 149 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13390 | 42.12 | 0.00 | 12.49 | V | 54.61 | 73.98 | 19.37 | PK |
| 13390 | 29.55 | 0.29 | 12.49 | V | 42.33 | 53.98 | 11.65 | AV |
| 20085 | 45.58 | 0.00 | 7.36 | V | 52.94 | 73.98 | 21.04 | PK |
| 20085 | 34.31 | 0.29 | 7.36 | V | 41.96 | 53.98 | 12.02 | AV |
| 13390 | 41.95 | 0.00 | 12.49 | H | 54.44 | 73.98 | 19.54 | PK |
| 13390 | 29.41 | 0.29 | 12.49 | H | 42.19 | 53.98 | 11.79 | AV |
| 20085 | 45.32 | 0.00 | 7.36 | H | 52.68 | 73.98 | 21.30 | PK |
| 20085 | 33.97 | 0.29 | 7.36 | H | 41.62 | 53.98 | 12.36 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6855 MHz |
| Channel No. : | 181 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13710 | 41.09 | 0.00 | 12.99 | V | 54.08 | 88.23 | 34.15 | PK |
| 13710 | 29.01 | 0.29 | 12.99 | V | 42.29 | 68.23 | 25.94 | AV |
| 20565 | 45.78 | 0.00 | 7.97 | V | 53.75 | 73.98 | 20.23 | PK |
| 20565 | 34.05 | 0.29 | 7.97 | V | 42.31 | 53.98 | 11.67 | AV |
| 13710 | 41.55 | 0.00 | 12.99 | H | 54.54 | 88.23 | 33.69 | PK |
| 13710 | 29.22 | 0.29 | 12.99 | H | 42.50 | 68.23 | 25.73 | AV |
| 20565 | 45.62 | 0.00 | 7.97 | H | 53.59 | 73.98 | 20.39 | PK |
| 20565 | 34.01 | 0.29 | 7.97 | H | 42.27 | 53.98 | 11.71 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6875 MHz |
| Channel No. : | 185 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13750 | 41.26 | 0.00 | 12.87 | V | 54.13 | 88.23 | 34.10 | PK |
| 13750 | 29.15 | 0.29 | 12.87 | V | 42.31 | 68.23 | 25.92 | AV |
| 20625 | 46.57 | 0.00 | 8.11 | V | 54.68 | 73.98 | 19.30 | PK |
| 20625 | 34.21 | 0.29 | 8.11 | V | 42.61 | 53.98 | 11.37 | AV |
| 13750 | 41.59 | 0.00 | 12.87 | H | 54.46 | 88.23 | 33.77 | PK |
| 13750 | 29.35 | 0.29 | 12.87 | H | 42.51 | 68.23 | 25.72 | AV |
| 20625 | 46.33 | 0.00 | 8.11 | H | 54.44 | 73.98 | 19.54 | PK |
| 20625 | 34.16 | 0.29 | 8.11 | H | 42.56 | 53.98 | 11.42 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 6995 MHz |
| Channel No. : | 209 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13990 | 41.22 | 0.00 | 12.72 | V | 53.94 | 88.23 | 34.29 | PK |
| 13990 | 28.85 | 0.29 | 12.72 | V | 41.86 | 68.23 | 26.37 | AV |
| 20985 | 46.18 | 0.00 | 7.82 | V | 54.00 | 73.98 | 19.98 | PK |
| 20985 | 34.75 | 0.29 | 7.82 | V | 42.86 | 53.98 | 11.12 | AV |
| 13990 | 41.35 | 0.00 | 12.72 | H | 54.07 | 88.23 | 34.16 | PK |
| 13990 | 28.95 | 0.29 | 12.72 | H | 41.96 | 68.23 | 26.27 | AV |
| 20985 | 46.02 | 0.00 | 7.82 | H | 53.84 | 73.98 | 20.14 | PK |
| 20985 | 34.70 | 0.29 | 7.82 | H | 42.81 | 53.98 | 11.17 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 14230 | 41.09 | 0.00 | 13.64 | V | 54.73 | 88.23 | 33.50 | PK |
| 14230 | 28.62 | 0.29 | 13.64 | V | 42.55 | 68.23 | 25.68 | AV |
| 21345 | 47.08 | 0.00 | 7.05 | V | 54.13 | 73.98 | 19.85 | PK |
| 21345 | 35.55 | 0.29 | 7.05 | V | 42.89 | 53.98 | 11.09 | AV |
| 14230 | 40.95 | 0.00 | 13.64 | H | 54.59 | 88.23 | 33.64 | PK |
| 14230 | 28.59 | 0.29 | 13.64 | H | 42.52 | 68.23 | 25.71 | AV |
| 21345 | 46.95 | 0.00 | 7.05 | H | 54.00 | 73.98 | 19.98 | PK |
| 21345 | 35.49 | 0.29 | 7.05 | H | 42.83 | 53.98 | 11.15 | AV |

### 2) 802.11ax(HE20) 242T_RU 61

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 11870 | 42.88 | 0.00 | 8.69 | V | 51.57 | 73.98 | 22.41 | PK |
| 11870 | 31.02 | 0.07 | 8.69 | V | 39.78 | 53.98 | 14.20 | AV |
| 17805 | 40.51 | 0.00 | 16.72 | V | 57.23 | 73.98 | 16.75 | PK |
| 17805 | 27.71 | 0.07 | 16.72 | V | 44.50 | 53.98 | 9.48 | AV |
| 11870 | 43.26 | 0.00 | 8.69 | H | 51.95 | 73.98 | 22.03 | PK |
| 11870 | 31.15 | 0.07 | 8.69 | H | 39.91 | 53.98 | 14.07 | AV |
| 17805 | 40.62 | 0.00 | 16.72 | H | 57.34 | 73.98 | 16.64 | PK |
| 17805 | 27.85 | 0.07 | 16.72 | H | 44.64 | 53.98 | 9.34 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6175 MHz |
| Channel No. : | 45 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12350 | 43.82 | 0.00 | 9.53 | V | 53.35 | 73.98 | 20.63 | PK |
| 12350 | 30.77 | 0.07 | 9.53 | V | 40.37 | 53.98 | 13.61 | AV |
| 18525 | 52.73 | 0.00 | 1.33 | V | 54.06 | 73.98 | 19.92 | PK |
| 18525 | 40.67 | 0.07 | 1.33 | V | 42.07 | 53.98 | 11.91 | AV |
| 12350 | 43.59 | 0.00 | 9.53 | H | 53.12 | 73.98 | 20.86 | PK |
| 12350 | 30.51 | 0.07 | 9.53 | H | 40.11 | 53.98 | 13.87 | AV |
| 18525 | 52.55 | 0.00 | 1.33 | H | 53.88 | 73.98 | 20.10 | PK |
| 18525 | 40.51 | 0.07 | 1.33 | H | 41.91 | 53.98 | 12.07 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6415 MHz |
| Channel No. : | 93 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12830 | 43.73 | 0.00 | 10.85 | V | 54.58 | 88.23 | 33.65 | PK |
| 12830 | 31.53 | 0.07 | 10.85 | V | 42.45 | 68.23 | 25.78 | AV |
| 19245 | 50.65 | 0.00 | 2.80 | V | 53.45 | 73.98 | 20.53 | PK |
| 19245 | 38.17 | 0.07 | 2.80 | V | 41.04 | 53.98 | 12.94 | AV |
| 12830 | 43.22 | 0.00 | 10.85 | H | 54.07 | 88.23 | 34.16 | PK |
| 12830 | 31.41 | 0.07 | 10.85 | H | 42.33 | 68.23 | 25.90 | AV |
| 19245 | 50.52 | 0.00 | 2.80 | H | 53.32 | 73.98 | 20.66 | PK |
| 19245 | 38.15 | 0.07 | 2.80 | H | 41.02 | 53.98 | 12.96 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6435 MHz |
| Channel No. : | 97 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12870 | 43.70 | 0.00 | 11.45 | V | 55.15 | 88.23 | 33.08 | PK |
| 12870 | 31.30 | 0.07 | 11.45 | V | 42.82 | 68.23 | 25.41 | AV |
| 19305 | 50.14 | 0.00 | 3.36 | V | 53.50 | 73.98 | 20.48 | PK |
| 19305 | 37.98 | 0.07 | 3.36 | V | 41.41 | 53.98 | 12.57 | AV |
| 12870 | 43.12 | 0.00 | 11.45 | H | 54.57 | 88.23 | 33.66 | PK |
| 12870 | 31.22 | 0.07 | 11.45 | H | 42.74 | 68.23 | 25.49 | AV |
| 19305 | 50.02 | 0.00 | 3.36 | H | 53.38 | 73.98 | 20.60 | PK |
| 19305 | 37.77 | 0.07 | 3.36 | H | 41.20 | 53.98 | 12.78 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6475 MHz |
| Channel No. : | 105 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 12950 | 42.23 | 0.00 | 12.07 | V | 54.30 | 88.23 | 33.93 | PK |
| 12950 | 30.53 | 0.07 | 12.07 | V | 42.67 | 68.23 | 25.56 | AV |
| 19425 | 49.93 | 0.00 | 3.97 | V | 53.90 | 73.98 | 20.08 | PK |
| 19425 | 37.76 | 0.07 | 3.97 | V | 41.80 | 53.98 | 12.18 | AV |
| 12950 | 42.03 | 0.00 | 12.07 | H | 54.10 | 88.23 | 34.13 | PK |
| 12950 | 30.42 | 0.07 | 12.07 | H | 42.56 | 68.23 | 25.67 | AV |
| 19425 | 49.78 | 0.00 | 3.97 | H | 53.75 | 73.98 | 20.23 | PK |
| 19425 | 37.59 | 0.07 | 3.97 | H | 41.63 | 53.98 | 12.35 | AV |

| | |
|---|---|
| Band : | UNII 6 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6515 MHz |
| Channel No. : | 113 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13030 | 42.92 | 0.00 | 12.01 | V | 54.93 | 88.23 | 33.30 | PK |
| 13030 | 31.01 | 0.07 | 12.01 | V | 43.09 | 68.23 | 25.14 | AV |
| 19545 | 49.89 | 0.00 | 4.75 | V | 54.64 | 73.98 | 19.34 | PK |
| 19545 | 36.92 | 0.07 | 4.75 | V | 41.74 | 53.98 | 12.24 | AV |
| 13030 | 42.62 | 0.00 | 12.01 | H | 54.63 | 88.23 | 33.60 | PK |
| 13030 | 30.95 | 0.07 | 12.01 | H | 43.03 | 68.23 | 25.20 | AV |
| 19545 | 49.22 | 0.00 | 4.75 | H | 53.97 | 73.98 | 20.01 | PK |
| 19545 | 36.85 | 0.07 | 4.75 | H | 41.67 | 53.98 | 12.31 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6535 MHz |
| Channel No. : | 117 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13070 | 44.27 | 0.00 | 11.84 | V | 56.11 | 88.23 | 32.12 | PK |
| 13070 | 31.65 | 0.07 | 11.84 | V | 43.56 | 68.23 | 24.67 | AV |
| 19605 | 48.76 | 0.00 | 5.08 | V | 53.84 | 73.98 | 20.14 | PK |
| 19605 | 36.48 | 0.07 | 5.08 | V | 41.09 | 53.98 | 12.89 | AV |
| 13070 | 43.31 | 0.00 | 11.84 | H | 55.15 | 88.23 | 33.08 | PK |
| 13070 | 31.53 | 0.07 | 11.84 | H | 43.44 | 68.23 | 24.79 | AV |
| 19605 | 48.55 | 0.00 | 5.08 | H | 53.63 | 73.98 | 20.35 | PK |
| 19605 | 36.32 | 0.07 | 5.08 | H | 41.47 | 53.98 | 12.51 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6695 MHz |
| Channel No. : | 149 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13390 | 41.70 | 0.00 | 12.49 | V | 54.19 | 73.98 | 19.79 | PK |
| 13390 | 29.07 | 0.07 | 12.49 | V | 41.63 | 53.98 | 12.35 | AV |
| 20085 | 45.71 | 0.00 | 7.36 | V | 53.07 | 73.98 | 20.91 | PK |
| 20085 | 34.01 | 0.07 | 7.36 | V | 41.44 | 53.98 | 12.54 | AV |
| 13390 | 41.42 | 0.00 | 12.49 | H | 53.91 | 73.98 | 20.07 | PK |
| 13390 | 28.95 | 0.07 | 12.49 | H | 41.51 | 53.98 | 12.47 | AV |
| 20085 | 45.70 | 0.00 | 7.36 | H | 53.06 | 73.98 | 20.92 | PK |
| 20085 | 33.95 | 0.07 | 7.36 | H | 41.38 | 53.98 | 12.60 | AV |

| | |
|---|---|
| Band : | UNII 7 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6855 MHz |
| Channel No. : | 181 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13710 | 41.41 | 0.00 | 12.99 | V | 54.40 | 88.23 | 33.83 | PK |
| 13710 | 29.18 | 0.07 | 12.99 | V | 42.24 | 68.23 | 25.99 | AV |
| 20565 | 45.33 | 0.00 | 7.97 | V | 53.30 | 73.98 | 20.68 | PK |
| 20565 | 34.16 | 0.07 | 7.97 | V | 42.20 | 53.98 | 11.78 | AV |
| 13710 | 41.22 | 0.00 | 12.99 | H | 54.21 | 88.23 | 34.02 | PK |
| 13710 | 29.09 | 0.07 | 12.99 | H | 42.15 | 68.23 | 26.08 | AV |
| 20565 | 45.29 | 0.00 | 7.97 | H | 53.26 | 73.98 | 20.72 | PK |
| 20565 | 34.11 | 0.07 | 7.97 | H | 42.15 | 53.98 | 11.83 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6875 MHz |
| Channel No. : | 185 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13750 | 41.33 | 0.00 | 12.87 | V | 54.20 | 88.23 | 34.03 | PK |
| 13750 | 29.31 | 0.07 | 12.87 | V | 42.25 | 68.23 | 25.98 | AV |
| 20625 | 46.44 | 0.00 | 8.11 | V | 54.55 | 73.98 | 19.43 | PK |
| 20625 | 34.10 | 0.07 | 8.11 | V | 42.28 | 53.98 | 11.70 | AV |
| 13750 | 41.12 | 0.00 | 12.87 | H | 53.99 | 88.23 | 34.24 | PK |
| 13750 | 29.22 | 0.07 | 12.87 | H | 42.16 | 68.23 | 26.07 | AV |
| 20625 | 46.12 | 0.00 | 8.11 | H | 54.23 | 73.98 | 19.75 | PK |
| 20625 | 34.04 | 0.07 | 8.11 | H | 42.22 | 53.98 | 11.76 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6995 MHz |
| Channel No. : | 209 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 13990 | 41.49 | 0.00 | 12.72 | V | 54.21 | 88.23 | 34.02 | PK |
| 13990 | 29.13 | 0.07 | 12.72 | V | 41.92 | 68.23 | 26.31 | AV |
| 20985 | 46.76 | 0.00 | 7.82 | V | 54.58 | 73.98 | 19.40 | PK |
| 20985 | 34.67 | 0.07 | 7.82 | V | 42.56 | 53.98 | 11.42 | AV |
| 13990 | 41.33 | 0.00 | 12.72 | H | 54.05 | 88.23 | 34.18 | PK |
| 13990 | 29.06 | 0.07 | 12.72 | H | 41.85 | 68.23 | 26.38 | AV |
| 20985 | 46.55 | 0.00 | 7.82 | H | 54.37 | 73.98 | 19.61 | PK |
| 20985 | 34.59 | 0.07 | 7.82 | H | 42.48 | 53.98 | 11.50 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 14230 | 41.23 | 0.00 | 13.64 | V | 54.87 | 88.23 | 33.36 | PK |
| 14230 | 28.83 | 0.07 | 13.64 | V | 42.54 | 68.23 | 25.69 | AV |
| 21345 | 46.89 | 0.00 | 7.05 | V | 53.94 | 73.98 | 20.04 | PK |
| 21345 | 35.51 | 0.07 | 7.05 | V | 42.63 | 53.98 | 11.35 | AV |
| 14230 | 41.02 | 0.00 | 13.64 | H | 54.66 | 88.23 | 33.57 | PK |
| 14230 | 28.76 | 0.07 | 13.64 | H | 42.47 | 68.23 | 25.76 | AV |
| 21345 | 46.71 | 0.00 | 7.05 | H | 53.76 | 73.98 | 20.22 | PK |
| 21345 | 35.44 | 0.07 | 7.05 | H | 42.56 | 53.98 | 11.42 | AV |

### 3) 802.11ax(HE40) 484T_RU 65

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 5965 MHz |
| Channel No. : | 3 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 11930 | 42.63 | 0.00 | 8.51 | V | 51.14 | 73.98 | 22.84 | PK |
| 11930 | 30.71 | 0.12 | 8.51 | V | 39.34 | 53.98 | 14.64 | AV |
| 17895 | 40.29 | 0.00 | 17.30 | V | 57.59 | 73.98 | 16.39 | PK |
| 17895 | 28.01 | 0.12 | 17.30 | V | 45.43 | 53.98 | 8.55 | AV |
| 11930 | 42.88 | 0.00 | 8.51 | H | 51.39 | 73.98 | 22.59 | PK |
| 11930 | 30.81 | 0.12 | 8.51 | H | 39.44 | 53.98 | 14.54 | AV |
| 17895 | 40.48 | 0.00 | 17.30 | H | 57.78 | 73.98 | 16.20 | PK |
| 17895 | 28.49 | 0.12 | 17.30 | H | 45.91 | 53.98 | 8.07 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6165 MHz |
| Channel No. : | 43 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12330 | 43.28 | 0.00 | 9.46 | V | 52.74 | 73.98 | 21.24 | PK |
| 12330 | 30.84 | 0.12 | 9.46 | V | 40.42 | 53.98 | 13.56 | AV |
| 18495 | 52.48 | 0.00 | 1.44 | V | 53.92 | 73.98 | 20.06 | PK |
| 18495 | 40.92 | 0.12 | 1.44 | V | 42.48 | 53.98 | 11.50 | AV |
| 12330 | 43.02 | 0.00 | 9.46 | H | 52.48 | 73.98 | 21.50 | PK |
| 12330 | 30.62 | 0.12 | 9.46 | H | 40.20 | 53.98 | 13.78 | AV |
| 18495 | 52.32 | 0.00 | 1.44 | H | 53.76 | 73.98 | 20.22 | PK |
| 18495 | 40.88 | 0.12 | 1.44 | H | 42.44 | 53.98 | 11.54 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6405 MHz |
| Channel No. : | 91 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 12810 | 43.74 | 0.00 | 10.60 | V | 54.34 | 88.23 | 33.89 | PK |
| 12810 | 31.33 | 0.12 | 10.60 | V | 42.05 | 68.23 | 26.18 | AV |
| 19215 | 50.61 | 0.00 | 2.58 | V | 53.19 | 73.98 | 20.79 | PK |
| 19215 | 38.69 | 0.12 | 2.58 | V | 41.39 | 53.98 | 12.59 | AV |
| 12810 | 43.51 | 0.00 | 10.60 | H | 54.11 | 88.23 | 34.12 | PK |
| 12810 | 31.23 | 0.12 | 10.60 | H | 41.95 | 68.23 | 26.28 | AV |
| 19215 | 50.49 | 0.00 | 2.58 | H | 53.07 | 73.98 | 20.91 | PK |
| 19215 | 38.61 | 0.12 | 2.58 | H | 41.31 | 53.98 | 12.67 | AV |

### 4) 802.11ax(HE80) 996T_RU 67

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 5985 MHz |
| Channel No. : | 7 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 11970 | 43.05 | 0.00 | 8.69 | V | 51.74 | 73.98 | 22.24 | PK |
| 11970 | 30.71 | 0.13 | 8.69 | V | 39.53 | 53.98 | 14.45 | AV |
| 17955 | 40.55 | 0.00 | 17.34 | V | 57.89 | 73.98 | 16.09 | PK |
| 17955 | 27.90 | 0.13 | 17.34 | V | 45.37 | 53.98 | 8.61 | AV |
| 11970 | 43.25 | 0.00 | 8.69 | H | 51.94 | 73.98 | 22.04 | PK |
| 11970 | 30.82 | 0.13 | 8.69 | H | 39.64 | 53.98 | 14.34 | AV |
| 17955 | 40.60 | 0.00 | 17.34 | H | 57.94 | 73.98 | 16.04 | PK |
| 17955 | 27.99 | 0.13 | 17.34 | H | 45.46 | 53.98 | 8.52 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6145 MHz |
| Channel No. : | 39 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12290 | 42.95 | 0.00 | 9.21 | V | 52.16 | 73.98 | 21.82 | PK |
| 12290 | 30.88 | 0.13 | 9.21 | V | 40.22 | 53.98 | 13.76 | AV |
| 18435 | 52.97 | 0.00 | 1.34 | V | 54.31 | 73.98 | 19.67 | PK |
| 18435 | 40.98 | 0.13 | 1.34 | V | 42.45 | 53.98 | 11.53 | AV |
| 12290 | 42.77 | 0.00 | 9.21 | H | 51.98 | 73.98 | 22.00 | PK |
| 12290 | 30.71 | 0.13 | 9.21 | H | 40.05 | 53.98 | 13.93 | AV |
| 18435 | 52.86 | 0.00 | 1.34 | H | 54.20 | 73.98 | 19.78 | PK |
| 18435 | 40.88 | 0.13 | 1.34 | H | 42.35 | 53.98 | 11.63 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6385 MHz |
| Channel No. : | 87 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12770 | 42.65 | 0.00 | 10.44 | V | 53.09 | 88.23 | 35.14 | PK |
| 12770 | 30.46 | 0.13 | 10.44 | V | 41.03 | 68.23 | 27.20 | AV |
| 19155 | 51.00 | 0.00 | 2.13 | V | 53.13 | 73.98 | 20.85 | PK |
| 19155 | 39.35 | 0.13 | 2.13 | V | 41.61 | 53.98 | 12.37 | AV |
| 12770 | 42.51 | 0.00 | 10.44 | H | 52.95 | 88.23 | 35.28 | PK |
| 12770 | 30.38 | 0.13 | 10.44 | H | 40.95 | 68.23 | 27.28 | AV |
| 19155 | 50.80 | 0.00 | 2.13 | H | 52.93 | 73.98 | 21.05 | PK |
| 19155 | 39.27 | 0.13 | 2.13 | H | 41.53 | 53.98 | 12.45 | AV |

5) 802.11ax(HE160) 2x996 Tone_RU 68

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6025 MHz |
| Channel No. : | 15 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12050 | 42.05 | 0.00 | 9.01 | V | 51.06 | 73.98 | 22.92 | PK |
| 12050 | 30.33 | 0.12 | 9.01 | V | 39.46 | 53.98 | 14.52 | AV |
| 18075 | 50.12 | 0.00 | 2.62 | V | 52.74 | 73.98 | 21.24 | PK |
| 18075 | 38.76 | 0.12 | 2.62 | V | 41.50 | 53.98 | 12.48 | AV |
| 12050 | 42.25 | 0.00 | 9.01 | H | 51.26 | 73.98 | 22.72 | PK |
| 12050 | 30.69 | 0.12 | 9.01 | H | 39.82 | 53.98 | 14.16 | AV |
| 18075 | 50.32 | 0.00 | 2.62 | H | 52.94 | 73.98 | 21.04 | PK |
| 18075 | 38.85 | 0.12 | 2.62 | H | 41.59 | 53.98 | 12.39 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6185 MHz |
| Channel No. : | 47 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 12370 | 43.46 | 0.00 | 9.45 | V | 52.91 | 73.98 | 21.07 | PK |
| 12370 | 31.25 | 0.12 | 9.45 | V | 40.82 | 53.98 | 13.16 | AV |
| 18555 | 52.34 | 0.00 | 0.93 | V | 53.27 | 73.98 | 20.71 | PK |
| 18555 | 40.82 | 0.12 | 0.93 | V | 41.87 | 53.98 | 12.11 | AV |
| 12370 | 43.02 | 0.00 | 9.45 | H | 52.47 | 73.98 | 21.51 | PK |
| 12370 | 31.11 | 0.12 | 9.45 | H | 40.68 | 53.98 | 13.30 | AV |
| 18555 | 52.11 | 0.00 | 0.93 | H | 53.04 | 73.98 | 20.94 | PK |
| 18555 | 40.77 | 0.12 | 0.93 | H | 41.82 | 53.98 | 12.16 | AV |

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer MCS Index : | MCS0 |
| Operating Frequency : | 6345 MHz |
| Channel No. : | 79 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| 12690 | 43.77 | 0.00 | 9.66 | V | 53.43 | 73.98 | 20.55 | PK |
| 12690 | 30.95 | 0.12 | 9.66 | V | 40.73 | 53.98 | 13.25 | AV |
| 19035 | 52.85 | 0.00 | 1.31 | V | 54.16 | 73.98 | 19.82 | PK |
| 19035 | 40.96 | 0.12 | 1.31 | V | 42.39 | 53.98 | 11.59 | AV |
| 12690 | 43.51 | 0.00 | 9.66 | H | 53.17 | 73.98 | 20.81 | PK |
| 12690 | 30.88 | 0.12 | 9.66 | H | 40.66 | 53.98 | 13.32 | AV |
| 19035 | 52.55 | 0.00 | 1.31 | H | 53.86 | 73.98 | 20.12 | PK |
| 19035 | 40.88 | 0.12 | 1.31 | H | 42.31 | 53.98 | 11.67 | AV |

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

[RSDB]

Scenario 3

Dual Bluetooth DH5_Ch.78 + Ant All(MIMO) 6 GHz 802.11ax(HE40)_Ch.3_484T_RU65

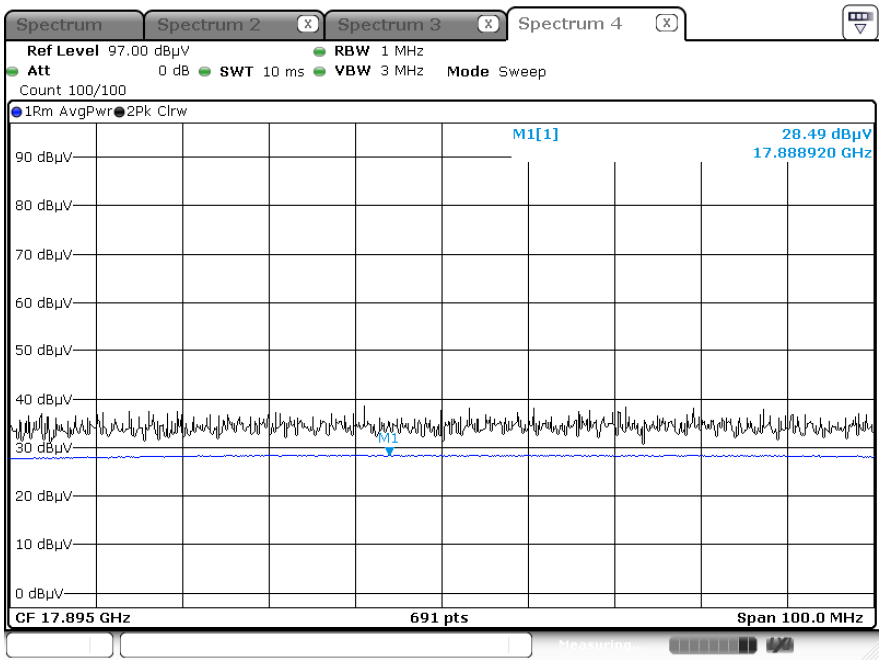
| Frequency | Measured Value | Duty Cycle | A.F+C.L-A.G+D.F | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 11930 | 43.29 | 0.00 | 8.51 | V | 51.80 | 73.98 | 22.18 | PK |
| 11930 | 31.38 | 0.12 | 8.51 | V | 40.01 | 53.98 | 13.97 | AV |
| 17895 | 40.12 | 0.00 | 17.30 | V | 57.42 | 73.98 | 16.56 | PK |
| 17895 | 28.32 | 0.12 | 17.30 | V | 45.74 | 53.98 | 8.24 | AV |
| 11930 | 43.05 | 0.00 | 8.51 | H | 51.56 | 73.98 | 22.42 | PK |
| 11930 | 31.22 | 0.12 | 8.51 | H | 39.85 | 53.98 | 14.13 | AV |
| 17895 | 40.37 | 0.00 | 17.30 | H | 57.67 | 73.98 | 16.31 | PK |
| 17895 | 28.45 | 0.12 | 17.30 | H | 45.87 | 53.98 | 8.11 | AV |

Note : BT RSDB Data refer to [BT] Test Report

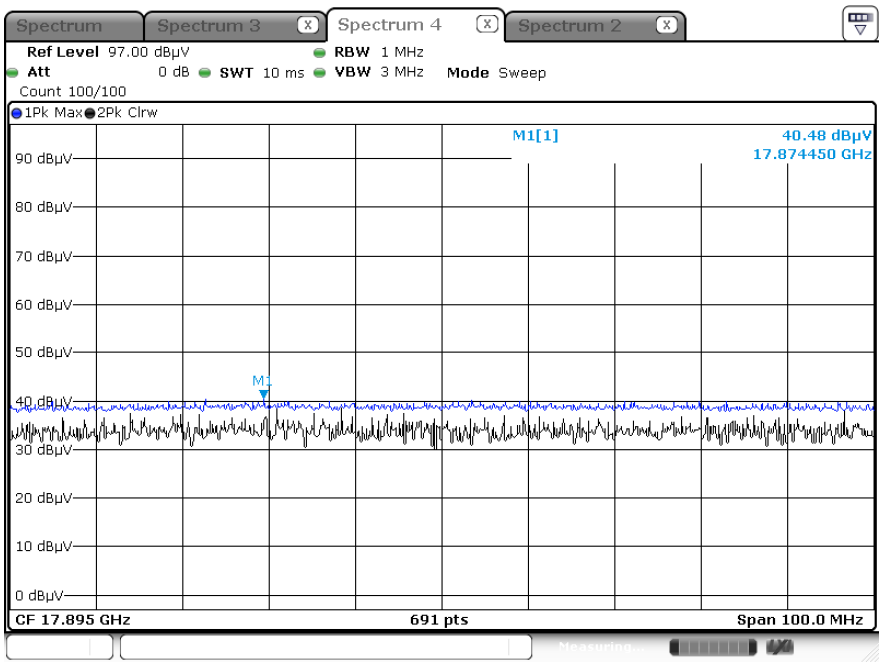
▣ **Test Plots**

**[MIMO_CDD(Ant1+Ant2)]**

Average result (802.11ax(HE40), Ch.3 3rd Harmonic, Z-H, 484T, RU65)




Peak result (802.11ax(HE40), Ch.3 3rd Harmonic, Z-H, 484T, RU65)




**Note:**

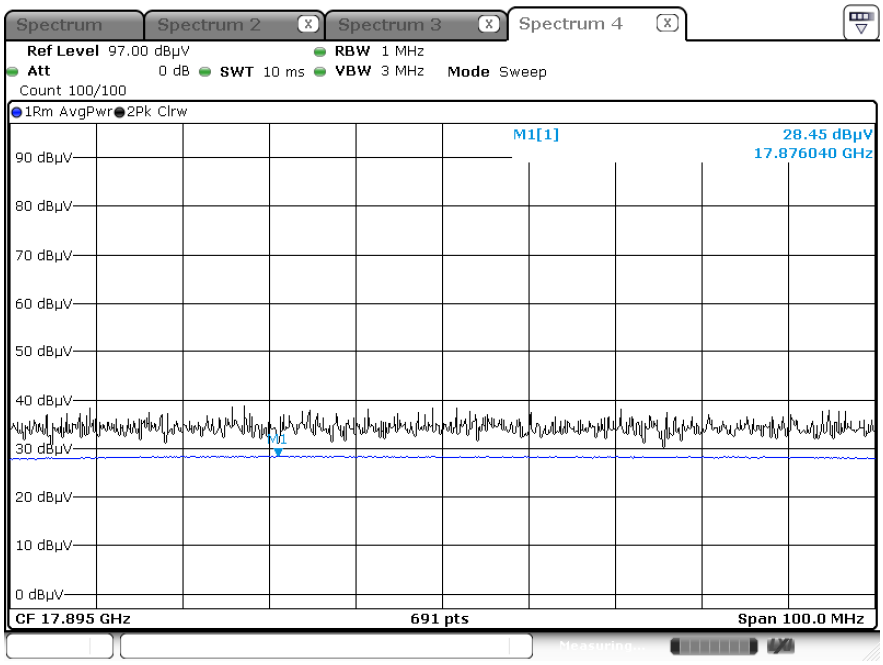
Only the worst case plots for Radiated Spurious Emissions.

[RSDB]

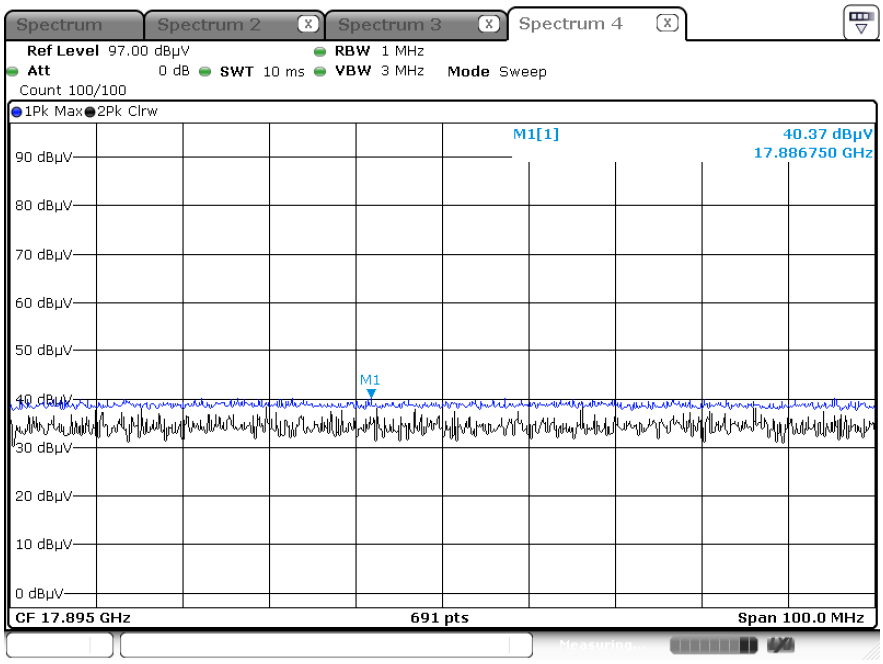
Scenario 3

**Dual Bluetooth DH5_Ch.78 + Ant All(MIMO) 6 GHz 802.11ax(HE40)_Ch.3_484T_RU65**

Radiated Spurious Emissions plot – Average Result (Spurious Emissions, 3rd, X-H)




Radiated Spurious Emissions plot – Peak Result (Spurious Emissions, 3rd, X-H)




**Note:** Only the worst case plots for Radiated Spurious Emissions.

## 10.13 RADIATED RESTRICTED BAND EDGE

**[MIMO_CDD(Ant1+Ant2)]**

### 1) 802.11a

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 65.79 | 0.00 | 10.61 | H | 76.40 | 88.23 | 11.83 | PK |
| #5924.5 | 46.74 | 0.29 | 10.61 | H | 57.64 | 68.23 | 10.59 | AV |
| #5923.5 | 57.23 | 0.00 | 10.61 | H | 67.84 | 88.23 | 20.39 | PK |
| #5923.5 | 54.13 | 0.29 | 10.61 | H | 65.03 | 68.23 | 3.20 | AV |
| 5460 - 5923 | 61.06 | 0.00 | 10.61 | H | 71.67 | 88.23 | 16.56 | PK |
| 5460 - 5923 | 44.25 | 0.29 | 10.61 | H | 55.15 | 68.23 | 13.08 | AV |
| 5350 - 5460 | 40.52 | 0.00 | 9.03 | H | 49.55 | 73.98 | 24.43 | PK |
| 5350 - 5460 | 28.64 | 0.29 | 9.03 | H | 37.96 | 53.98 | 16.02 | AV |
| #5924.5 | 65.03 | 0.00 | 10.61 | V | 75.64 | 88.23 | 12.59 | PK |
| #5924.5 | 45.89 | 0.29 | 10.61 | V | 56.79 | 68.23 | 11.44 | AV |
| #5923.5 | 56.51 | 0.00 | 10.61 | V | 67.12 | 88.23 | 21.11 | PK |
| #5923.5 | 53.62 | 0.29 | 10.61 | V | 64.52 | 68.23 | 3.71 | AV |
| 5460 - 5923 | 60.69 | 0.00 | 10.61 | V | 71.30 | 88.23 | 16.93 | PK |
| 5460 - 5923 | 43.85 | 0.29 | 10.61 | V | 54.75 | 68.23 | 13.48 | AV |
| 5350 - 5460 | 40.49 | 0.00 | 9.03 | V | 49.52 | 73.98 | 24.46 | PK |
| 5350 - 5460 | 26.55 | 0.29 | 9.03 | V | 35.87 | 53.98 | 18.11 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11a |
| Transfer Rate : | 6 Mbps |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #7125.5 | 61.52 | 0.00 | 14.51 | H | 76.03 | 88.23 | 12.20 | PK |
| #7125.5 | 49.06 | 0.29 | 14.51 | H | 63.86 | 68.23 | 4.37 | AV |
| #7126.5 | 52.89 | 0.00 | 14.51 | H | 67.40 | 88.23 | 20.83 | PK |
| #7126.5 | 40.87 | 0.29 | 14.51 | H | 55.67 | 68.23 | 12.56 | AV |
| 7127 - 7250 | 55.83 | 0.00 | 15.06 | H | 70.89 | 88.23 | 17.34 | PK |
| 7127 - 7250 | 38.05 | 0.29 | 15.06 | H | 53.40 | 68.23 | 14.83 | AV |
| 7250 - 7750 | 37.88 | 0.00 | 15.13 | H | 53.01 | 73.98 | 20.97 | PK |
| 7250 - 7750 | 26.33 | 0.29 | 15.13 | H | 41.75 | 53.98 | 12.23 | AV |
| #7125.5 | 61.02 | 0.00 | 14.51 | V | 75.53 | 88.23 | 12.70 | PK |
| #7125.5 | 48.62 | 0.29 | 14.51 | V | 63.42 | 68.23 | 4.81 | AV |
| #7126.5 | 52.12 | 0.00 | 14.51 | V | 66.63 | 88.23 | 21.60 | PK |
| #7126.5 | 40.12 | 0.29 | 14.51 | V | 54.92 | 68.23 | 13.31 | AV |
| 7127 - 7250 | 55.41 | 0.00 | 15.06 | V | 70.47 | 88.23 | 17.76 | PK |
| 7127 - 7250 | 37.50 | 0.29 | 15.06 | V | 52.85 | 68.23 | 15.38 | AV |
| 7250 - 7750 | 37.51 | 0.00 | 15.13 | V | 52.64 | 73.98 | 21.34 | PK |
| 7250 - 7750 | 26.12 | 0.29 | 15.13 | V | 41.54 | 53.98 | 12.44 | AV |

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

### 2) 802.11ax(HE20) 26 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |
| RU Offset : | 0 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 65.12 | 0.00 | 10.61 | H | 75.73 | 88.23 | 12.50 | PK |
| #5924.5 | 52.89 | 0.02 | 10.61 | H | 63.52 | 68.23 | 4.71 | AV |
| #5923.5 | 55.32 | 0.00 | 10.61 | H | 65.93 | 88.23 | 22.30 | PK |
| #5923.5 | 42.67 | 0.02 | 10.61 | H | 53.30 | 68.23 | 14.93 | AV |
| 5460 - 5923 | 63.04 | 0.00 | 10.61 | H | 73.65 | 88.23 | 14.58 | PK |
| 5460 - 5923 | 39.88 | 0.02 | 10.61 | H | 50.51 | 68.23 | 17.72 | AV |
| 5350 - 5460 | 40.73 | 0.00 | 9.03 | H | 49.76 | 73.98 | 24.22 | PK |
| 5350 - 5460 | 28.61 | 0.02 | 9.03 | H | 37.66 | 53.98 | 16.32 | AV |
| #5924.5 | 64.32 | 0.00 | 10.61 | V | 74.93 | 88.23 | 13.30 | PK |
| #5924.5 | 51.95 | 0.02 | 10.61 | V | 62.58 | 68.23 | 5.65 | AV |
| #5923.5 | 54.74 | 0.00 | 10.61 | V | 65.35 | 88.23 | 22.88 | PK |
| #5923.5 | 41.85 | 0.02 | 10.61 | V | 52.48 | 68.23 | 15.75 | AV |
| 5460 - 5923 | 62.55 | 0.00 | 10.61 | V | 73.16 | 88.23 | 15.07 | PK |
| 5460 - 5923 | 39.01 | 0.02 | 10.61 | V | 49.64 | 68.23 | 18.59 | AV |
| 5350 - 5460 | 40.55 | 0.00 | 9.03 | V | 49.58 | 73.98 | 24.40 | PK |
| 5350 - 5460 | 26.55 | 0.02 | 9.03 | V | 35.60 | 53.98 | 18.38 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |
| RU Offset : | 8 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #7125.5 | 62.98 | 0.00 | 14.51 | H | 77.49 | 88.23 | 10.74 | PK |
| #7125.5 | 50.69 | 0.02 | 14.51 | H | 65.22 | 68.23 | 3.01 | AV |
| #7126.5 | 53.19 | 0.00 | 14.51 | H | 67.70 | 88.23 | 20.53 | PK |
| #7126.5 | 40.49 | 0.02 | 14.51 | H | 55.02 | 68.23 | 13.21 | AV |
| 7127 - 7250 | 60.64 | 0.00 | 15.06 | H | 75.70 | 88.23 | 12.53 | PK |
| 7127 - 7250 | 37.10 | 0.02 | 15.06 | H | 52.18 | 68.23 | 16.05 | AV |
| 7250 - 7750 | 37.93 | 0.00 | 15.13 | H | 53.06 | 73.98 | 20.92 | PK |
| 7250 - 7750 | 26.42 | 0.02 | 15.13 | H | 41.57 | 53.98 | 12.41 | AV |
| #7125.5 | 61.46 | 0.00 | 14.51 | V | 75.97 | 88.23 | 12.26 | PK |
| #7125.5 | 49.67 | 0.02 | 14.51 | V | 64.20 | 68.23 | 4.03 | AV |
| #7126.5 | 51.38 | 0.00 | 14.51 | V | 65.89 | 88.23 | 22.34 | PK |
| #7126.5 | 39.37 | 0.02 | 14.51 | V | 53.90 | 68.23 | 14.33 | AV |
| 7127 - 7250 | 58.80 | 0.00 | 15.06 | V | 73.86 | 88.23 | 14.37 | PK |
| 7127 - 7250 | 36.92 | 0.02 | 15.06 | V | 52.00 | 68.23 | 16.23 | AV |
| 7250 - 7750 | 37.87 | 0.00 | 15.13 | V | 53.00 | 73.98 | 20.98 | PK |
| 7250 - 7750 | 26.35 | 0.02 | 15.13 | V | 41.50 | 53.98 | 12.48 | AV |

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

### 3) 802.11ax(HE20) 52 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |
| RU Offset : | 37 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 66.26 | 0.00 | 10.61 | H | 76.87 | 88.23 | 11.36 | PK |
| #5924.5 | 54.71 | 0.02 | 10.61 | H | 65.34 | 68.23 | 2.89 | AV |
| #5923.5 | 56.58 | 0.00 | 10.61 | H | 67.19 | 88.23 | 21.04 | PK |
| #5923.5 | 44.77 | 0.02 | 10.61 | H | 55.40 | 68.23 | 12.83 | AV |
| 5460 - 5923 | 63.84 | 0.00 | 10.61 | H | 74.45 | 88.23 | 13.78 | PK |
| 5460 - 5923 | 41.73 | 0.02 | 10.61 | H | 52.36 | 68.23 | 15.87 | AV |
| 5350 - 5460 | 40.56 | 0.00 | 9.03 | H | 49.59 | 73.98 | 24.39 | PK |
| 5350 - 5460 | 28.70 | 0.02 | 9.03 | H | 37.75 | 53.98 | 16.23 | AV |
| #5924.5 | 65.85 | 0.00 | 10.61 | V | 76.46 | 88.23 | 11.77 | PK |
| #5924.5 | 54.02 | 0.02 | 10.61 | V | 64.65 | 68.23 | 3.58 | AV |
| #5923.5 | 55.85 | 0.00 | 10.61 | V | 66.46 | 88.23 | 21.77 | PK |
| #5923.5 | 44.03 | 0.02 | 10.61 | V | 54.66 | 68.23 | 13.57 | AV |
| 5460 - 5923 | 63.19 | 0.00 | 10.61 | V | 73.80 | 88.23 | 14.43 | PK |
| 5460 - 5923 | 41.12 | 0.02 | 10.61 | V | 51.75 | 68.23 | 16.48 | AV |
| 5350 - 5460 | 40.44 | 0.00 | 9.03 | V | 49.47 | 73.98 | 24.51 | PK |
| 5350 - 5460 | 28.51 | 0.02 | 9.03 | V | 37.56 | 53.98 | 16.42 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |
| RU Offset : | 40 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| #7125.5 | 62.25 | 0.00 | 14.51 | H | 76.76 | 88.23 | 11.47 | PK |
| #7125.5 | 50.53 | 0.02 | 14.51 | H | 65.06 | 68.23 | 3.17 | AV |
| #7126.5 | 52.99 | 0.00 | 14.51 | H | 67.50 | 88.23 | 20.73 | PK |
| #7126.5 | 40.97 | 0.02 | 14.51 | H | 55.50 | 68.23 | 12.73 | AV |
| 7127 - 7250 | 59.76 | 0.00 | 15.06 | H | 74.82 | 88.23 | 13.41 | PK |
| 7127 - 7250 | 38.23 | 0.02 | 15.06 | H | 53.31 | 68.23 | 14.92 | AV |
| 7250 - 7750 | 38.40 | 0.00 | 15.13 | H | 53.53 | 73.98 | 20.45 | PK |
| 7250 - 7750 | 26.34 | 0.02 | 15.13 | H | 41.49 | 53.98 | 12.49 | AV |
| #7125.5 | 61.94 | 0.00 | 14.51 | V | 76.45 | 88.23 | 11.78 | PK |
| #7125.5 | 49.36 | 0.02 | 14.51 | V | 63.89 | 68.23 | 4.34 | AV |
| #7126.5 | 52.36 | 0.00 | 14.51 | V | 66.87 | 88.23 | 21.36 | PK |
| #7126.5 | 39.41 | 0.02 | 14.51 | V | 53.94 | 68.23 | 14.29 | AV |
| 7127 - 7250 | 58.67 | 0.00 | 15.06 | V | 73.73 | 88.23 | 14.50 | PK |
| 7127 - 7250 | 37.01 | 0.02 | 15.06 | V | 52.09 | 68.23 | 16.14 | AV |
| 7250 - 7750 | 38.20 | 0.00 | 15.13 | V | 53.33 | 73.98 | 20.65 | PK |
| 7250 - 7750 | 26.25 | 0.02 | 15.13 | V | 41.40 | 53.98 | 12.58 | AV |

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

### 4) 802.11ax(HE20) 106 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |
| RU Offset : | 53 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 67.02 | 0.00 | 10.61 | H | 77.63 | 88.23 | 10.60 | PK |
| #5924.5 | 54.72 | 0.03 | 10.61 | H | 65.36 | 68.23 | 2.87 | AV |
| #5923.5 | 57.37 | 0.00 | 10.61 | H | 67.98 | 88.23 | 20.25 | PK |
| #5923.5 | 44.46 | 0.03 | 10.61 | H | 55.10 | 68.23 | 13.13 | AV |
| 5460 - 5923 | 65.37 | 0.00 | 10.61 | H | 75.98 | 88.23 | 12.25 | PK |
| 5460 - 5923 | 42.27 | 0.03 | 10.61 | H | 52.91 | 68.23 | 15.32 | AV |
| 5350 - 5460 | 40.70 | 0.00 | 9.03 | H | 49.73 | 73.98 | 24.25 | PK |
| 5350 - 5460 | 28.69 | 0.03 | 9.03 | H | 37.75 | 53.98 | 16.23 | AV |
| #5924.5 | 66.41 | 0.00 | 10.61 | V | 77.02 | 88.23 | 11.21 | PK |
| #5924.5 | 53.95 | 0.03 | 10.61 | V | 64.59 | 68.23 | 3.64 | AV |
| #5923.5 | 56.59 | 0.00 | 10.61 | V | 67.20 | 88.23 | 21.03 | PK |
| #5923.5 | 43.85 | 0.03 | 10.61 | V | 54.49 | 68.23 | 13.74 | AV |
| 5460 - 5923 | 64.62 | 0.00 | 10.61 | V | 75.23 | 88.23 | 13.00 | PK |
| 5460 - 5923 | 41.85 | 0.03 | 10.61 | V | 52.49 | 68.23 | 15.74 | AV |
| 5350 - 5460 | 40.32 | 0.00 | 9.03 | V | 49.35 | 73.98 | 24.63 | PK |
| 5350 - 5460 | 28.55 | 0.03 | 9.03 | V | 37.61 | 53.98 | 16.37 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |
| RU Offset : | 54 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| #7125.5 | 62.99 | 0.00 | 14.51 | H | 77.50 | 88.23 | 10.73 | PK |
| #7125.5 | 49.85 | 0.03 | 14.51 | H | 64.39 | 68.23 | 3.84 | AV |
| #7126.5 | 52.85 | 0.00 | 14.51 | H | 67.36 | 88.23 | 20.87 | PK |
| #7126.5 | 40.12 | 0.03 | 14.51 | H | 54.66 | 68.23 | 13.57 | AV |
| 7127 - 7250 | 58.84 | 0.00 | 15.06 | H | 73.90 | 88.23 | 14.33 | PK |
| 7127 - 7250 | 36.50 | 0.03 | 15.06 | H | 51.59 | 68.23 | 16.64 | AV |
| 7250 - 7750 | 38.29 | 0.00 | 15.13 | H | 53.42 | 73.98 | 20.56 | PK |
| 7250 - 7750 | 26.18 | 0.03 | 15.13 | H | 41.34 | 53.98 | 12.64 | AV |
| #7125.5 | 62.02 | 0.00 | 14.51 | V | 76.53 | 88.23 | 11.70 | PK |
| #7125.5 | 48.85 | 0.03 | 14.51 | V | 63.39 | 68.23 | 4.84 | AV |
| #7126.5 | 52.12 | 0.00 | 14.51 | V | 66.63 | 88.23 | 21.60 | PK |
| #7126.5 | 39.12 | 0.03 | 14.51 | V | 53.66 | 68.23 | 14.57 | AV |
| 7127 - 7250 | 58.22 | 0.00 | 15.06 | V | 73.28 | 88.23 | 14.95 | PK |
| 7127 - 7250 | 36.01 | 0.03 | 15.06 | V | 51.10 | 68.23 | 17.13 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | V | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.05 | 0.03 | 15.13 | V | 41.21 | 53.98 | 12.77 | AV |

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

### 5) 802.11ax(HE20) 242 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |
| RU Offset : | 61 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 65.75 | 0.00 | 10.61 | H | 76.36 | 88.23 | 11.87 | PK |
| #5924.5 | 54.41 | 0.07 | 10.61 | H | 65.09 | 68.23 | 3.14 | AV |
| #5923.5 | 55.55 | 0.00 | 10.61 | H | 66.16 | 88.23 | 22.07 | PK |
| #5923.5 | 44.26 | 0.07 | 10.61 | H | 54.94 | 68.23 | 13.29 | AV |
| 5460 - 5923 | 62.71 | 0.00 | 10.61 | H | 73.32 | 88.23 | 14.91 | PK |
| 5460 - 5923 | 41.25 | 0.07 | 10.61 | H | 51.93 | 68.23 | 16.30 | AV |
| 5350 - 5460 | 41.09 | 0.00 | 9.03 | H | 50.12 | 73.98 | 23.86 | PK |
| 5350 - 5460 | 28.59 | 0.07 | 9.03 | H | 37.69 | 53.98 | 16.29 | AV |
| #5924.5 | 64.85 | 0.00 | 10.61 | V | 75.46 | 88.23 | 12.77 | PK |
| #5924.5 | 53.88 | 0.07 | 10.61 | V | 64.56 | 68.23 | 3.67 | AV |
| #5923.5 | 54.85 | 0.00 | 10.61 | V | 65.46 | 88.23 | 22.77 | PK |
| #5923.5 | 43.54 | 0.07 | 10.61 | V | 54.22 | 68.23 | 14.01 | AV |
| 5460 - 5923 | 62.12 | 0.00 | 10.61 | V | 72.73 | 88.23 | 15.50 | PK |
| 5460 - 5923 | 40.88 | 0.07 | 10.61 | V | 51.56 | 68.23 | 16.67 | AV |
| 5350 - 5460 | 40.95 | 0.00 | 9.03 | V | 49.98 | 73.98 | 24.00 | PK |
| 5350 - 5460 | 28.12 | 0.07 | 9.03 | V | 37.22 | 53.98 | 16.76 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |
| RU Offset : | 61 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBμV] | Factor | [dB/m] | [H/V] | [dBμV/m] | [dBμV/m] | [dB] | |
| #7125.5 | 60.33 | 0.00 | 14.51 | H | 74.84 | 88.23 | 13.39 | PK |
| #7125.5 | 47.33 | 0.07 | 14.51 | H | 61.91 | 68.23 | 6.32 | AV |
| #7126.5 | 50.88 | 0.00 | 14.51 | H | 65.39 | 88.23 | 22.84 | PK |
| #7126.5 | 37.99 | 0.07 | 14.51 | H | 52.57 | 68.23 | 15.66 | AV |
| 7127 - 7250 | 55.39 | 0.00 | 15.06 | H | 70.45 | 88.23 | 17.78 | PK |
| 7127 - 7250 | 35.01 | 0.07 | 15.06 | H | 50.14 | 68.23 | 18.09 | AV |
| 7250 - 7750 | 37.39 | 0.00 | 15.13 | H | 52.52 | 73.98 | 21.46 | PK |
| 7250 - 7750 | 26.20 | 0.07 | 15.13 | H | 41.40 | 53.98 | 12.58 | AV |
| #7125.5 | 60.02 | 0.00 | 14.51 | V | 74.53 | 88.23 | 13.70 | PK |
| #7125.5 | 46.95 | 0.07 | 14.51 | V | 61.53 | 68.23 | 6.70 | AV |
| #7126.5 | 50.32 | 0.00 | 14.51 | V | 64.83 | 88.23 | 23.40 | PK |
| #7126.5 | 37.51 | 0.07 | 14.51 | V | 52.09 | 68.23 | 16.14 | AV |
| 7127 - 7250 | 55.12 | 0.00 | 15.06 | V | 70.18 | 88.23 | 18.05 | PK |
| 7127 - 7250 | 34.85 | 0.07 | 15.06 | V | 49.98 | 68.23 | 18.25 | AV |
| 7250 - 7750 | 37.19 | 0.00 | 15.13 | V | 52.32 | 73.98 | 21.66 | PK |
| 7250 - 7750 | 26.05 | 0.07 | 15.13 | V | 41.25 | 53.98 | 12.73 | AV |

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

### 6) 802.11ax(HE20) SU

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5935 MHz |
| Channel No. : | 2 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #5924.5 | 67.30 | 0.00 | 10.61 | H | 77.91 | 88.23 | 10.32 | PK |
| #5924.5 | 54.31 | 0.02 | 10.61 | H | 64.94 | 68.23 | 3.29 | AV |
| #5923.5 | 59.01 | 0.00 | 10.61 | H | 69.62 | 88.23 | 18.61 | PK |
| #5923.5 | 46.01 | 0.02 | 10.61 | H | 56.64 | 68.23 | 11.59 | AV |
| 5460 - 5923 | 62.69 | 0.00 | 10.61 | H | 73.30 | 88.23 | 14.93 | PK |
| 5460 - 5923 | 43.39 | 0.02 | 10.61 | H | 54.02 | 68.23 | 14.21 | AV |
| 5350 - 5460 | 40.80 | 0.00 | 9.03 | H | 49.83 | 73.98 | 24.15 | PK |
| 5350 - 5460 | 28.64 | 0.02 | 9.03 | H | 37.69 | 53.98 | 16.29 | AV |
| #5924.5 | 66.71 | 0.00 | 10.61 | V | 77.32 | 88.23 | 10.91 | PK |
| #5924.5 | 53.85 | 0.02 | 10.61 | V | 64.48 | 68.23 | 3.75 | AV |
| #5923.5 | 58.35 | 0.00 | 10.61 | V | 68.96 | 88.23 | 19.27 | PK |
| #5923.5 | 45.62 | 0.02 | 10.61 | V | 56.25 | 68.23 | 11.98 | AV |
| 5460 - 5923 | 62.01 | 0.00 | 10.61 | V | 72.62 | 88.23 | 15.61 | PK |
| 5460 - 5923 | 42.59 | 0.02 | 10.61 | V | 53.22 | 68.23 | 15.01 | AV |
| 5350 - 5460 | 40.55 | 0.00 | 9.03 | V | 49.58 | 73.98 | 24.40 | PK |
| 5350 - 5460 | 28.41 | 0.02 | 9.03 | V | 37.46 | 53.98 | 16.52 | AV |

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

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE20) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7115 MHz |
| Channel No. : | 233 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| #7125.5 | 61.66 | 0.00 | 14.51 | H | 76.17 | 88.23 | 12.06 | PK |
| #7125.5 | 49.07 | 0.02 | 14.51 | H | 63.60 | 68.23 | 4.63 | AV |
| #7126.5 | 53.12 | 0.00 | 14.51 | H | 67.63 | 88.23 | 20.60 | PK |
| #7126.5 | 41.22 | 0.02 | 14.51 | H | 55.75 | 68.23 | 12.48 | AV |
| 7127 - 7250 | 58.49 | 0.00 | 15.06 | H | 73.55 | 88.23 | 14.68 | PK |
| 7127 - 7250 | 37.29 | 0.02 | 15.06 | H | 52.37 | 68.23 | 15.86 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | H | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.21 | 0.02 | 15.13 | H | 41.36 | 53.98 | 12.62 | AV |
| #7125.5 | 61.41 | 0.00 | 14.51 | V | 75.92 | 88.23 | 12.31 | PK |
| #7125.5 | 48.55 | 0.02 | 14.51 | V | 63.08 | 68.23 | 5.15 | AV |
| #7126.5 | 52.74 | 0.00 | 14.51 | V | 67.25 | 88.23 | 20.98 | PK |
| #7126.5 | 40.85 | 0.02 | 14.51 | V | 55.38 | 68.23 | 12.85 | AV |
| 7127 - 7250 | 57.85 | 0.00 | 15.06 | V | 72.91 | 88.23 | 15.32 | PK |
| 7127 - 7250 | 36.69 | 0.02 | 15.06 | V | 51.77 | 68.23 | 16.46 | AV |
| 7250 - 7750 | 38.05 | 0.00 | 15.13 | V | 53.18 | 73.98 | 20.80 | PK |
| 7250 - 7750 | 26.12 | 0.02 | 15.13 | V | 41.27 | 53.98 | 12.71 | AV |

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

### 7) 802.11ax(HE40)

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5965 MHz |
| Channel No. : | 3 Ch |
| RU Offset : | 65 |
| Tone: | 484 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.81 | 0.00 | 9.03 | H | 49.84 | 73.98 | 24.14 | PK |
| 5350 - 5460 | 28.51 | 0.12 | 9.03 | H | 37.66 | 53.98 | 16.32 | AV |
| 5350 - 5460 | 40.77 | 0.00 | 9.03 | V | 49.80 | 73.98 | 24.18 | PK |
| 5350 - 5460 | 28.32 | 0.12 | 9.03 | V | 37.47 | 53.98 | 16.51 | AV |
| 5460 - 5925 | 50.02 | 0.00 | 10.61 | H | 60.63 | 88.23 | 27.60 | PK |
| 5460 - 5925 | 32.21 | 0.12 | 10.61 | H | 42.94 | 68.23 | 25.29 | AV |
| 5460 - 5925 | 49.95 | 0.00 | 10.61 | V | 60.56 | 88.23 | 27.67 | PK |
| 5460 - 5925 | 32.12 | 0.12 | 10.61 | V | 42.85 | 68.23 | 25.38 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7085 MHz |
| Channel No. : | 227 Ch |
| RU Offset : | 44 |
| Tone: | 52 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 37.61 | 0.00 | 15.06 | H | 52.67 | 88.23 | 35.56 | PK |
| 7125 - 7250 | 26.06 | 0.01 | 15.06 | H | 41.13 | 68.23 | 27.10 | AV |
| 7125 - 7250 | 37.51 | 0.00 | 15.06 | V | 52.57 | 88.23 | 35.66 | PK |
| 7125 - 7250 | 26.02 | 0.01 | 15.06 | V | 41.09 | 68.23 | 27.14 | AV |
| 7250 - 7750 | 38.38 | 0.00 | 15.13 | H | 53.51 | 73.98 | 20.47 | PK |
| 7250 - 7750 | 26.48 | 0.01 | 15.13 | H | 41.62 | 53.98 | 12.36 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | V | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.32 | 0.01 | 15.13 | V | 41.46 | 53.98 | 12.52 | AV |

### 8) 802.11ax(HE40) SU

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5965 MHz |
| Channel No. : | 3 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.64 | 0.00 | 9.03 | H | 49.67 | 73.98 | 24.31 | PK |
| 5350 - 5460 | 28.50 | 0.02 | 9.03 | H | 37.55 | 53.98 | 16.43 | AV |
| 5350 - 5460 | 40.55 | 0.00 | 9.03 | V | 49.58 | 73.98 | 24.40 | PK |
| 5350 - 5460 | 28.41 | 0.02 | 9.03 | V | 37.46 | 53.98 | 16.52 | AV |
| 5460 - 5925 | 41.30 | 0.00 | 10.61 | H | 51.91 | 88.23 | 36.32 | PK |
| 5460 - 5925 | 29.74 | 0.02 | 10.61 | H | 40.37 | 68.23 | 27.86 | AV |
| 5460 - 5925 | 41.12 | 0.00 | 10.61 | V | 51.73 | 88.23 | 36.50 | PK |
| 5460 - 5925 | 29.62 | 0.02 | 10.61 | V | 40.25 | 68.23 | 27.98 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE40) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7085 MHz |
| Channel No. : | 227 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 38.06 | 0.00 | 15.06 | H | 53.12 | 88.23 | 35.11 | PK |
| 7125 - 7250 | 26.21 | 0.02 | 15.06 | H | 41.29 | 68.23 | 26.94 | AV |
| 7125 - 7250 | 37.71 | 0.00 | 15.06 | V | 52.77 | 88.23 | 35.46 | PK |
| 7125 - 7250 | 26.02 | 0.02 | 15.06 | V | 41.10 | 68.23 | 27.13 | AV |
| 7250 - 7750 | 38.15 | 0.00 | 15.13 | H | 53.28 | 73.98 | 20.70 | PK |
| 7250 - 7750 | 26.33 | 0.02 | 15.13 | H | 41.48 | 53.98 | 12.50 | AV |
| 7250 - 7750 | 38.05 | 0.00 | 15.13 | V | 53.18 | 73.98 | 20.80 | PK |
| 7250 - 7750 | 26.12 | 0.02 | 15.13 | V | 41.27 | 53.98 | 12.71 | AV |

### 9) 802.11ax(HE80) 996 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5985 MHz |
| Channel No. : | 7 Ch |
| RU Offset : | 67 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.92 | 0.00 | 9.03 | H | 49.95 | 73.98 | 24.03 | PK |
| 5350 - 5460 | 28.60 | 0.13 | 9.03 | H | 37.76 | 53.98 | 16.22 | AV |
| 5350 - 5460 | 40.62 | 0.00 | 9.03 | V | 49.65 | 73.98 | 24.33 | PK |
| 5350 - 5460 | 28.51 | 0.13 | 9.03 | V | 37.67 | 53.98 | 16.31 | AV |
| 5460 - 5925 | 43.99 | 0.00 | 10.61 | H | 54.60 | 88.23 | 33.63 | PK |
| 5460 - 5925 | 29.35 | 0.13 | 10.61 | H | 40.09 | 68.23 | 28.14 | AV |
| 5460 - 5925 | 43.77 | 0.00 | 10.61 | V | 54.38 | 88.23 | 33.85 | PK |
| 5460 - 5925 | 29.12 | 0.13 | 10.61 | V | 39.86 | 68.23 | 28.37 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7025 MHz |
| Channel No. : | 215 Ch |
| RU Offset : | 67 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 38.33 | 0.00 | 15.06 | H | 53.39 | 88.23 | 34.84 | PK |
| 7125 - 7250 | 25.76 | 0.13 | 15.06 | H | 40.95 | 68.23 | 27.28 | AV |
| 7125 - 7250 | 38.12 | 0.00 | 15.06 | V | 53.18 | 88.23 | 35.05 | PK |
| 7125 - 7250 | 25.65 | 0.13 | 15.06 | V | 40.84 | 68.23 | 27.39 | AV |
| 7250 - 7750 | 37.97 | 0.00 | 15.13 | H | 53.10 | 73.98 | 20.88 | PK |
| 7250 - 7750 | 26.25 | 0.13 | 15.13 | H | 41.51 | 53.98 | 12.47 | AV |
| 7250 - 7750 | 37.81 | 0.00 | 15.13 | V | 52.94 | 73.98 | 21.04 | PK |
| 7250 - 7750 | 26.05 | 0.13 | 15.13 | V | 41.31 | 53.98 | 12.67 | AV |

### 10) 802.11ax(HE80) SU

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 5985 MHz |
| Channel No. : | 7 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.08 | 0.00 | 9.03 | H | 49.11 | 73.98 | 24.87 | PK |
| 5350 - 5460 | 28.61 | 0.01 | 9.03 | H | 37.65 | 53.98 | 16.33 | AV |
| 5350 - 5460 | 39.95 | 0.00 | 9.03 | V | 48.98 | 73.98 | 25.00 | PK |
| 5350 - 5460 | 28.51 | 0.01 | 9.03 | V | 37.55 | 53.98 | 16.43 | AV |
| 5460 - 5925 | 40.45 | 0.00 | 10.61 | H | 51.06 | 88.23 | 37.17 | PK |
| 5460 - 5925 | 29.35 | 0.01 | 10.61 | H | 39.97 | 68.23 | 28.26 | AV |
| 5460 - 5925 | 40.33 | 0.00 | 10.61 | V | 50.94 | 88.23 | 37.29 | PK |
| 5460 - 5925 | 29.12 | 0.01 | 10.61 | V | 39.74 | 68.23 | 28.49 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE80) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 7025 MHz |
| Channel No. : | 215 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 27.61 | 0.00 | 15.06 | H | 42.67 | 88.23 | 45.56 | PK |
| 7125 - 7250 | 25.85 | 0.01 | 15.06 | H | 40.92 | 68.23 | 27.31 | AV |
| 7125 - 7250 | 27.55 | 0.00 | 15.06 | V | 42.61 | 88.23 | 45.62 | PK |
| 7125 - 7250 | 25.77 | 0.01 | 15.06 | V | 40.84 | 68.23 | 27.39 | AV |
| 7250 - 7750 | 27.54 | 0.00 | 15.13 | H | 42.67 | 73.98 | 31.31 | PK |
| 7250 - 7750 | 26.23 | 0.01 | 15.13 | H | 41.37 | 53.98 | 12.61 | AV |
| 7250 - 7750 | 27.12 | 0.00 | 15.13 | V | 42.25 | 73.98 | 31.73 | PK |
| 7250 - 7750 | 26.12 | 0.01 | 15.13 | V | 41.26 | 53.98 | 12.72 | AV |

### 11) 802.11ax(HE160)_80L

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160)_80L |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6025 MHz |
| Channel No. : | 15 Ch |
| RU Offset : | 67 |
| Tone: | 996 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.62 | 0.00 | 9.03 | H | 49.65 | 73.98 | 24.33 | PK |
| 5350 - 5460 | 28.68 | 0.12 | 9.03 | H | 37.83 | 53.98 | 16.15 | AV |
| 5350 - 5460 | 40.55 | 0.00 | 9.03 | V | 49.58 | 73.98 | 24.40 | PK |
| 5350 - 5460 | 28.55 | 0.12 | 9.03 | V | 37.70 | 53.98 | 16.28 | AV |
| 5460 - 5925 | 50.48 | 0.00 | 10.61 | H | 61.09 | 88.23 | 27.14 | PK |
| 5460 - 5925 | 29.65 | 0.12 | 10.61 | H | 40.38 | 68.23 | 27.85 | AV |
| 5460 - 5925 | 50.32 | 0.00 | 10.61 | V | 60.93 | 88.23 | 27.30 | PK |
| 5460 - 5925 | 29.51 | 0.12 | 10.61 | V | 40.24 | 68.23 | 27.99 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE160)_80L |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6985 MHz |
| Channel No. : | 207 Ch |
| RU Offset : | 65 |
| Tone: | 484 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 37.01 | 0.00 | 15.06 | H | 52.07 | 88.23 | 36.16 | PK |
| 7125 - 7250 | 25.71 | 0.12 | 15.06 | H | 40.89 | 68.23 | 27.34 | AV |
| 7125 - 7250 | 36.95 | 0.00 | 15.06 | V | 52.01 | 88.23 | 36.22 | PK |
| 7125 - 7250 | 25.62 | 0.12 | 15.06 | V | 40.80 | 68.23 | 27.43 | AV |
| 7250 - 7750 | 38.34 | 0.00 | 15.13 | H | 53.47 | 73.98 | 20.51 | PK |
| 7250 - 7750 | 26.32 | 0.12 | 15.13 | H | 41.57 | 53.98 | 12.41 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | V | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.12 | 0.12 | 15.13 | V | 41.37 | 53.98 | 12.61 | AV |

### 12) 802.11ax(HE160)_80U

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160)_80U |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6025 MHz |
| Channel No. : | 15 Ch |
| RU Offset : | 66 |
| Tone: | 484 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.15 | 0.00 | 9.03 | H | 49.18 | 73.98 | 24.80 | PK |
| 5350 - 5460 | 28.83 | 0.12 | 9.03 | H | 37.98 | 53.98 | 16.00 | AV |
| 5350 - 5460 | 40.05 | 0.00 | 9.03 | V | 49.08 | 73.98 | 24.90 | PK |
| 5350 - 5460 | 28.71 | 0.12 | 9.03 | V | 37.86 | 53.98 | 16.12 | AV |
| 5460 - 5925 | 46.11 | 0.00 | 10.61 | H | 56.72 | 88.23 | 31.51 | PK |
| 5460 - 5925 | 29.78 | 0.12 | 10.61 | H | 40.51 | 68.23 | 27.72 | AV |
| 5460 - 5925 | 45.95 | 0.00 | 10.61 | V | 56.56 | 88.23 | 31.67 | PK |
| 5460 - 5925 | 29.59 | 0.12 | 10.61 | V | 40.32 | 68.23 | 27.91 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE160)_80U |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6985 MHz |
| Channel No. : | 207 Ch |
| RU Offset : | 66 |
| Tone: | 484 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 40.15 | 0.00 | 15.06 | H | 55.21 | 88.23 | 33.02 | PK |
| 7125 - 7250 | 25.80 | 0.12 | 15.06 | H | 40.98 | 68.23 | 27.25 | AV |
| 7125 - 7250 | 40.05 | 0.00 | 15.06 | V | 55.11 | 88.23 | 33.12 | PK |
| 7125 - 7250 | 25.71 | 0.12 | 15.06 | V | 40.89 | 68.23 | 27.34 | AV |
| 7250 - 7750 | 38.16 | 0.00 | 15.13 | H | 53.29 | 73.98 | 20.69 | PK |
| 7250 - 7750 | 26.37 | 0.12 | 15.13 | H | 41.62 | 53.98 | 12.36 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | V | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.13 | 0.12 | 15.13 | V | 41.38 | 53.98 | 12.60 | AV |

### 13) 802.11ax(HE160) 2x996 Tone

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6025 MHz |
| Channel No. : | 15 Ch |
| RU Offset : | 68 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.87 | 0.00 | 9.03 | H | 49.90 | 73.98 | 24.08 | PK |
| 5350 - 5460 | 28.80 | 0.01 | 9.03 | H | 37.84 | 53.98 | 16.14 | AV |
| 5350 - 5460 | 40.62 | 0.00 | 9.03 | V | 49.65 | 73.98 | 24.33 | PK |
| 5350 - 5460 | 28.71 | 0.01 | 9.03 | V | 37.75 | 53.98 | 16.23 | AV |
| 5460 - 5925 | 48.93 | 0.00 | 10.61 | H | 59.54 | 88.23 | 28.69 | PK |
| 5460 - 5925 | 29.78 | 0.01 | 10.61 | H | 40.40 | 68.23 | 27.83 | AV |
| 5460 - 5925 | 48.88 | 0.00 | 10.61 | V | 59.49 | 88.23 | 28.74 | PK |
| 5460 - 5925 | 29.51 | 0.01 | 10.61 | V | 40.13 | 68.23 | 28.10 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6985 MHz |
| Channel No. : | 207 Ch |
| RU Offset : | 68 |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 40.14 | 0.00 | 15.06 | H | 55.20 | 88.23 | 33.03 | PK |
| 7125 - 7250 | 25.95 | 0.01 | 15.06 | H | 41.02 | 68.23 | 27.21 | AV |
| 7125 - 7250 | 40.05 | 0.00 | 15.06 | V | 55.11 | 88.23 | 33.12 | PK |
| 7125 - 7250 | 25.88 | 0.01 | 15.06 | V | 40.95 | 68.23 | 27.28 | AV |
| 7250 - 7750 | 38.32 | 0.00 | 15.13 | H | 53.45 | 73.98 | 20.53 | PK |
| 7250 - 7750 | 26.15 | 0.01 | 15.13 | H | 41.29 | 53.98 | 12.69 | AV |
| 7250 - 7750 | 38.12 | 0.00 | 15.13 | V | 53.25 | 73.98 | 20.73 | PK |
| 7250 - 7750 | 26.05 | 0.01 | 15.13 | V | 41.19 | 53.98 | 12.79 | AV |

### 14) 802.11ax(HE160) SU

| | |
|---|---|
| Band : | UNII 5 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6025 MHz |
| Channel No. : | 15 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 5350 - 5460 | 40.61 | 0.00 | 9.03 | H | 49.64 | 73.98 | 24.34 | PK |
| 5350 - 5460 | 28.83 | 0.02 | 9.03 | H | 37.88 | 53.98 | 16.10 | AV |
| 5350 - 5460 | 40.55 | 0.00 | 9.03 | V | 49.58 | 73.98 | 24.40 | PK |
| 5350 - 5460 | 28.71 | 0.02 | 9.03 | V | 37.76 | 53.98 | 16.22 | AV |
| 5460 - 5925 | 48.94 | 0.00 | 10.61 | H | 59.55 | 88.23 | 28.68 | PK |
| 5460 - 5925 | 30.04 | 0.02 | 10.61 | H | 40.67 | 68.23 | 27.56 | AV |
| 5460 - 5925 | 48.90 | 0.00 | 10.61 | V | 59.51 | 88.23 | 28.72 | PK |
| 5460 - 5925 | 29.96 | 0.02 | 10.61 | V | 40.59 | 68.23 | 27.64 | AV |

| | |
|---|---|
| Band : | UNII 8 |
| Operation Mode : | 802.11ax(HE160) |
| Transfer Rate : | MCS0 |
| Operating Frequency : | 6985 MHz |
| Channel No. : | 207 Ch |
| RU Offset : | None |

| Frequency | Measured Value | Duty Cycle | A.F+C.L+D.F-A.G+ATT | ANT. POL | Total | Limit | Margin | Measurement Type |
|---|---|---|---|---|---|---|---|---|
| [MHz] | [dBµV] | Factor | [dB/m] | [H/V] | [dBµV/m] | [dBµV/m] | [dB] | |
| 7125 - 7250 | 38.67 | 0.00 | 15.06 | H | 53.73 | 88.23 | 34.50 | PK |
| 7125 - 7250 | 25.86 | 0.02 | 15.06 | H | 40.94 | 68.23 | 27.29 | AV |
| 7125 - 7250 | 38.55 | 0.00 | 15.06 | V | 53.61 | 88.23 | 34.62 | PK |
| 7125 - 7250 | 25.71 | 0.02 | 15.06 | V | 40.79 | 68.23 | 27.44 | AV |
| 7250 - 7750 | 38.06 | 0.00 | 15.13 | H | 53.19 | 73.98 | 20.79 | PK |
| 7250 - 7750 | 26.26 | 0.02 | 15.13 | H | 41.41 | 53.98 | 12.57 | AV |
| 7250 - 7750 | 37.95 | 0.00 | 15.13 | V | 53.08 | 73.98 | 20.90 | PK |
| 7250 - 7750 | 26.12 | 0.02 | 15.13 | V | 41.27 | 53.98 | 12.71 | AV |

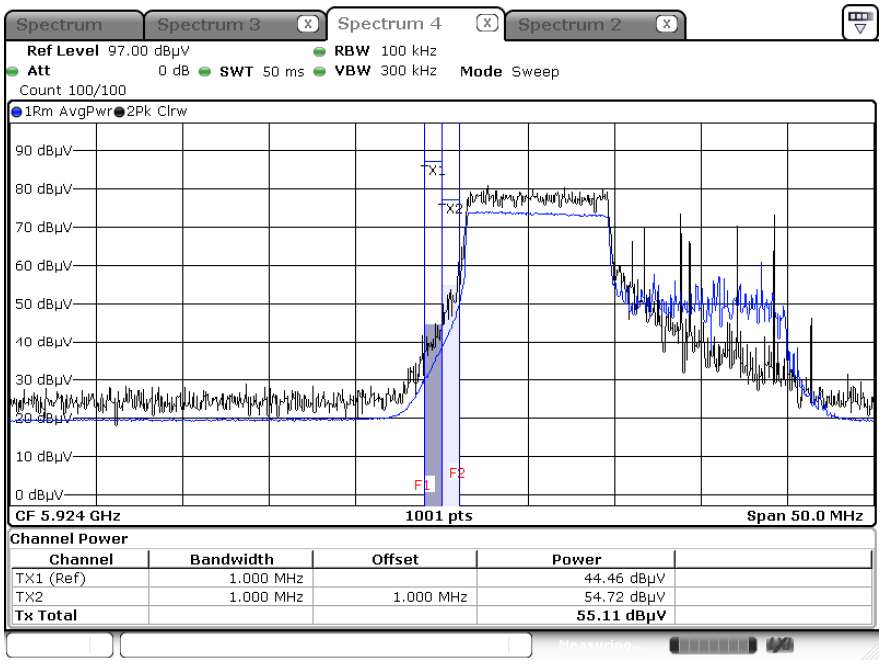
**Note:**
All Modes of operation were investigated and the worst case configuration results are reported.
In order to simplify the report, We only have attached Bandedge result of worst case.

▣ Test Plots

[MIMO_CDD(Ant1+Ant2)]

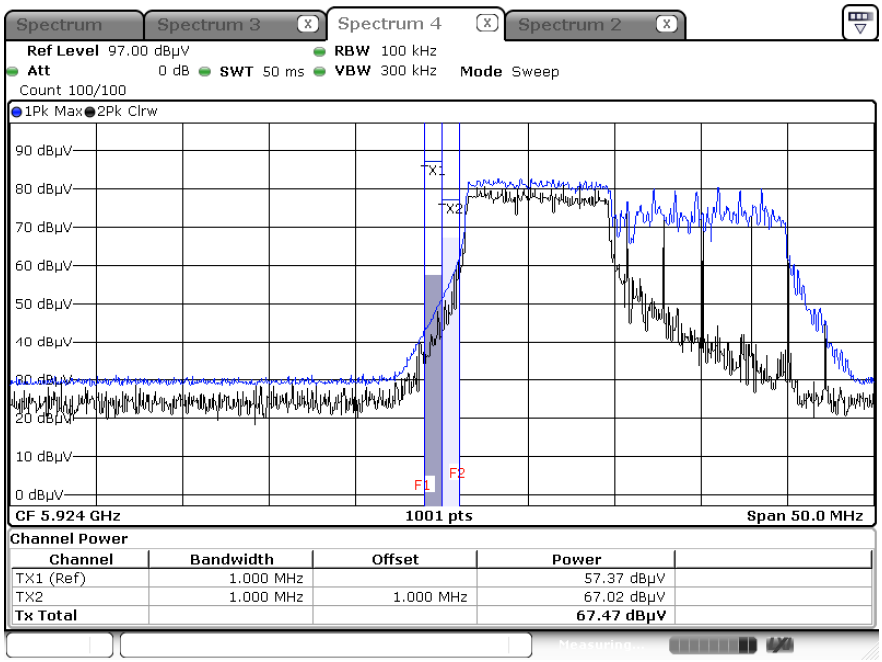
Average result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H

(Integration method Used)

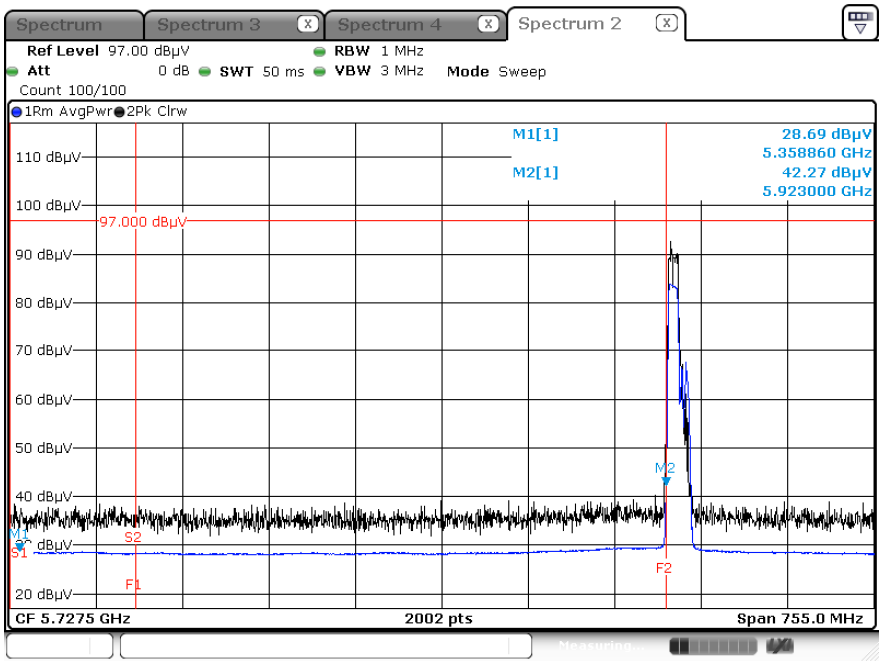



Peak result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H

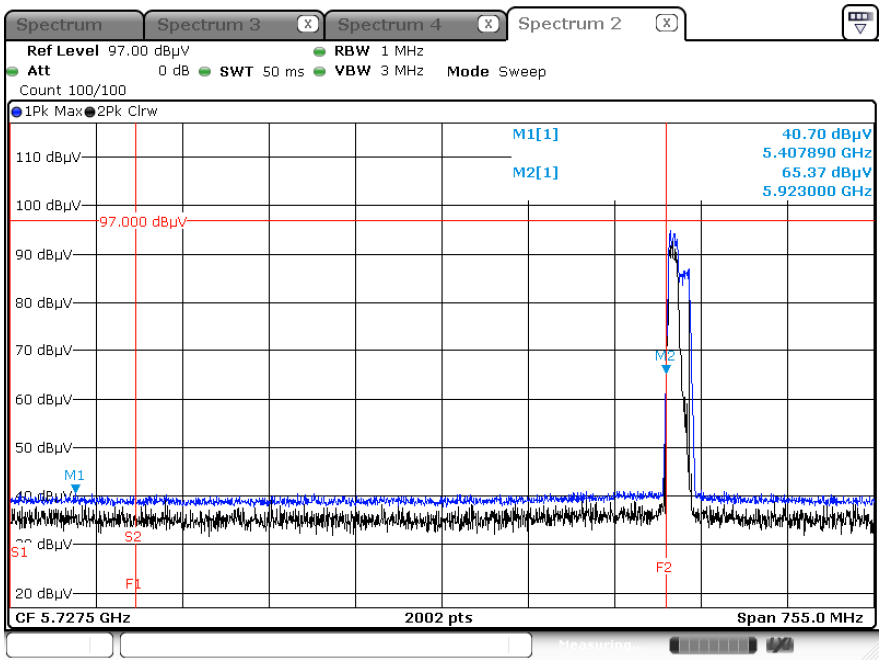
(Integration method Used)



Average result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H




Peak result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H




**Note:**

Only the worst case plots for Radiated Restricted Band Edge.

## 10.14 POWERLINE CONDUCTED EMISSIONS

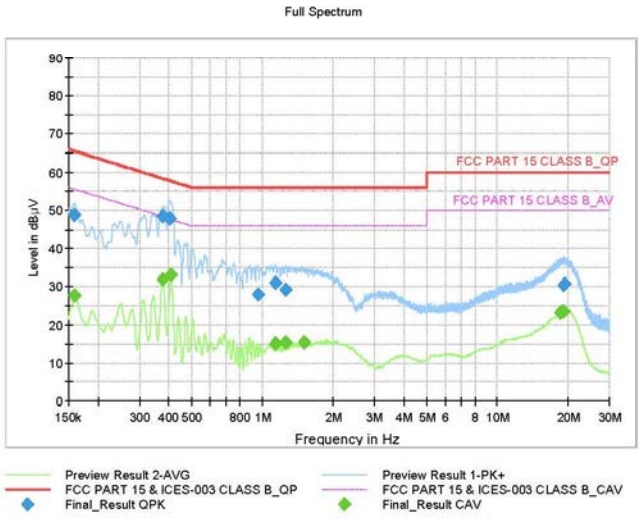
### Conducted Emissions

Test 1 / 2

# Test Report

## Common Information

EUT : SM-F741U
Operating Conditions : 6G WLAN Mode
Comment :




## Final_Result_QPK

| Frequency (MHz) | QuasiPeak (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.1590 | 48.64 | 65.52 | 16.87 | 9.000 | N | 9.6 |
| 0.3773 | 48.41 | 58.34 | 9.93 | 9.000 | N | 9.6 |
| 0.4020 | 47.78 | 57.81 | 10.03 | 9.000 | N | 9.7 |
| 0.9613 | 27.88 | 56.00 | 28.12 | 9.000 | N | 9.7 |
| 1.1323 | 30.85 | 56.00 | 25.15 | 9.000 | N | 9.7 |
| 1.2560 | 29.31 | 56.00 | 26.69 | 9.000 | N | 9.7 |
| 19.1840 | 30.44 | 60.00 | 29.56 | 9.000 | L1 | 10.4 |
| 19.2538 | 30.64 | 60.00 | 29.36 | 9.000 | L1 | 10.4 |
| 19.2695 | 30.57 | 60.00 | 29.43 | 9.000 | L1 | 10.4 |

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Test 2 / 2

## Final_Result_CAV

| Frequency (MHz) | CAverage (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|---|---|---|---|---|---|---|
| 0.1590 | 27.62 | 55.52 | 27.90 | 9.000 | L1 | 9.6 |
| 0.3773 | 31.96 | 48.34 | 16.38 | 9.000 | N | 9.6 |
| 0.4088 | 33.03 | 47.67 | 14.65 | 9.000 | L1 | 9.6 |
| 1.1323 | 15.10 | 46.00 | 30.90 | 9.000 | L1 | 9.7 |
| 1.2583 | 15.37 | 46.00 | 30.63 | 9.000 | L1 | 9.7 |
| 1.5125 | 15.23 | 46.00 | 30.77 | 9.000 | L1 | 9.7 |
| 18.5608 | 23.17 | 50.00 | 26.83 | 9.000 | L1 | 10.3 |
| 18.8308 | 23.48 | 50.00 | 26.52 | 9.000 | L1 | 10.4 |
| 19.2245 | 23.50 | 50.00 | 26.50 | 9.000 | L1 | 10.4 |

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## 11. LIST OF TEST EQUIPMENT

Conducted Test

| Equipment | Model | Manufacturer | Serial No. | Due to Calibration | Calibration Interval |
|---|---|---|---|---|---|
| LISN | ENV216 | Rohde & Schwarz | 102245 | 08/02/2024 | Annual |
| EMI Test Receiver | ESR | Rohde & Schwarz | 101910 | 05/26/2024 | Annual |
| Temperature Chamber | SU-642 | ESPEC | 0093008124 | 02/19/2025 | Annual |
| Signal Analyzer | N9030A | Agilent | MY49432108 | 02/20/2025 | Annual |
| Power Measurement Set | OSP 120 | Rohde & Schwarz | 101231 | 06/09/2024 | Annual |
| Power Meter | N1911A | Agilent | MY45100523 | 02/28/2025 | Annual |
| Power Sensor | N1921A | Agilent | MY57820067 | 02/22/2025 | Annual |
| Directional Coupler | 87300B | Agilent | 3116A03621 | 10/30/2024 | Annual |
| Power Splitter | 11667B | Hewlett Packard | 10545 | 02/06/2025 | Annual |
| DC Power Supply | E3632A | Agilent | MY40004427 | 08/25/2024 | Annual |
| Attenuator(10 dB)(DC-26.5 GHz) | 8493C | HP | 07560 | 06/12/2024 | Annual |
| Attenuator(10 dB)(DC-26.5 GHz) | 8493C | HP | 08285 | 06/02/2024 | Annual |
| Attenuator(20 dB) | 18N-20dB | Rohde & Schwarz | 8 | 02/20/2025 | Annual |
| Software | EMC32 | Rohde & Schwarz | N/A | N/A | N/A |
| FCC WLAN&BT&BLE Conducted Test Software v3.0 | N/A | HCT CO., LTD. | N/A | N/A | N/A |
| Bluetooth Tester | CBT | Rohde & Schwarz | 100752 | 01/03/2025 | Annual |
| Wireless Communication Tester w/opt | CMW500 | Rohde & Schwarz | 169839 | 06/09/2024 | Annual |
| Up/Down-Converter | CMW-Z800A | Rohde & Schwarz | 100200 | 08/11/2024 | Annual |
| Attenuator(3 dB) | 18B-03 | Api tech. | 1 | 12/19/2024 | Annual |
| 4 WAY POWER DIVIDER | 4456-4 | Narda | 01640 | 05/09/2024 | Annual |
| Wireless AP | GT-AXE11000 | ASUS | M6IAJF201782 (FCC ID : MSQ-RTAXJF00) | N/A | N/A |
| BE19000 Tri-Band Wi-Fi 7 Router | Archer BE800 | Tp-Link | Y2350N50000581 (FCC ID : 2AX-J4BE800 | N/A | N/A |

Note:

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

Radiated Test

| Equipment | Model | Manufacturer | Serial No. | Due to Calibration | Calibration Interval |
|---|---|---|---|---|---|
| Controller | CO3000 | Innco system | CO3000-4p | N/A | N/A |
| Antenna Position Tower | MA4640/800-XP-EP | Innco system | S1AM | 08/03/2025 | Biennial |
| Turn Table | DS2000-S-1t | Innco system | DS2000/572/54610422/P | N/A | N/A |
| Amp & Filter Bank Switch Controller | FBSM-01B | T&M system | TM19050002 | N/A | N/A |
| Loop Antenna | 1513 | Schwarzbeck | 1513-333 | 03/07/2026 | Biennial |
| Hybrid Antenna | VULB 9168 | Schwarzbeck | 9168-0895 | 08/16/2024 | Biennial |
| Horn Antenna | BBHA 9120D | Schwarzbeck | 9120D-1300 | 01/03/2026 | Biennial |
| Horn Antenna | BBHA 9120D | Schwarzbeck | 9120D-2296 | 05/18/2024 | Biennial |
| Horn Antenna(15 GHz ~ 40 GHz) | BBHA9170 | Schwarzbeck | BBHA9170342 | 09/29/2024 | Biennial |
| Spectrum Analyzer | FSV(10 Hz ~ 40 GHz) | Rohde & Schwarz | 101055 | 05/12/2024 | Annual |
| Band Reject Filter | WRCJV2400/2483.5-2370/2520-60/12SS | Wainwright Instruments | 2 | 01/02/2025 | Annual |
| Band Reject Filter | WRCJV12-4900-5100-5900-6100-50SS | Wainwright Instruments | 5 | 06/12/2024 | Annual |
| Band Reject Filter | WRCJV12-4900-5100-5900-6100-50SS | Wainwright Instruments | 6 | 06/12/2024 | Annual |
| High Pass Filter(7 GHz ~ 18 GHz) | WHKX10-7150-8000-18000-50SS | Wainwright Instruments | 1 | 02/28/2025 | Annual |
| Power Amplifier | CBL18265035 | CERNEX | 22966 | 11/17/2024 | Annual |
| Power Amplifier | CBL26405040 | CERNEX | 25956 | 02/26/2025 | Annual |
| Bluetooth Tester | TC-3000C | TESCOM | 3000C000175 | 03/19/2025 | Annual |
| RF Switching System | FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz)) | T&M system | S1L1 | 01/02/2025 | Annual |
| RF Switching System | FMSR -05B (ATT(10dB) + LNA1(1~18GHz)) | T&M system | S1L2 | 01/02/2025 | Annual |
| RF Switching System | FMSR -05B (ATT(3dB) + LNA1(1~18GHz)) | T&M system | S1L3 | 01/02/2025 | Annual |
| RF Switching System | FMSR -05B (LNA1(1~18GHz)) | T&M system | S1L4 | 01/02/2025 | Annual |
| RF Switching System | FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz)) | T&M system | S1L5 | 01/02/2025 | Annual |
| RF Switching System | FMSR -05B (Thru(30MHz ~ 18GHz)) | T&M system | S1L6 | 01/02/2025 | Annual |

**Note:**

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

## 12. ANNEX A_ TEST SETUP PHOTO

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

| No. | Description |
|---|---|
| 1 | HCT-RF-2405-FC029-P |