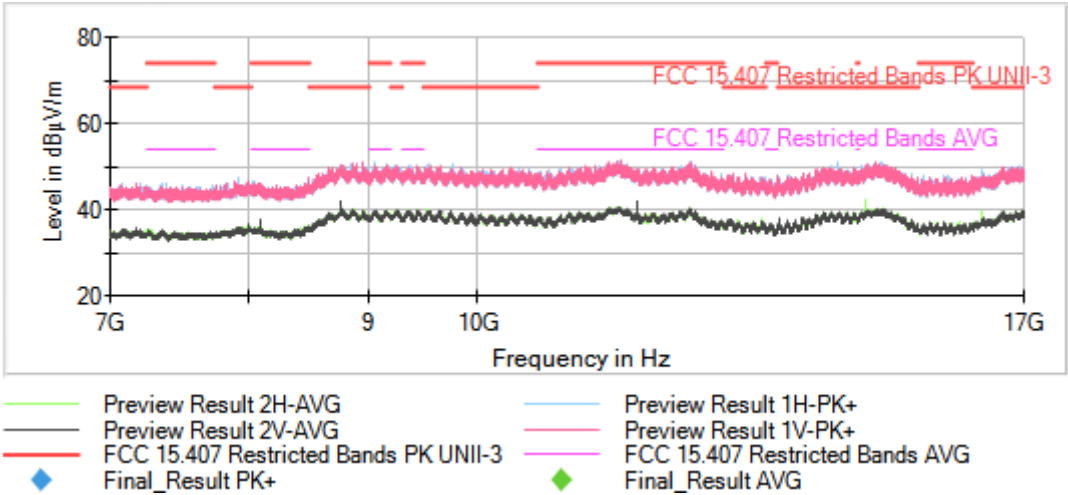


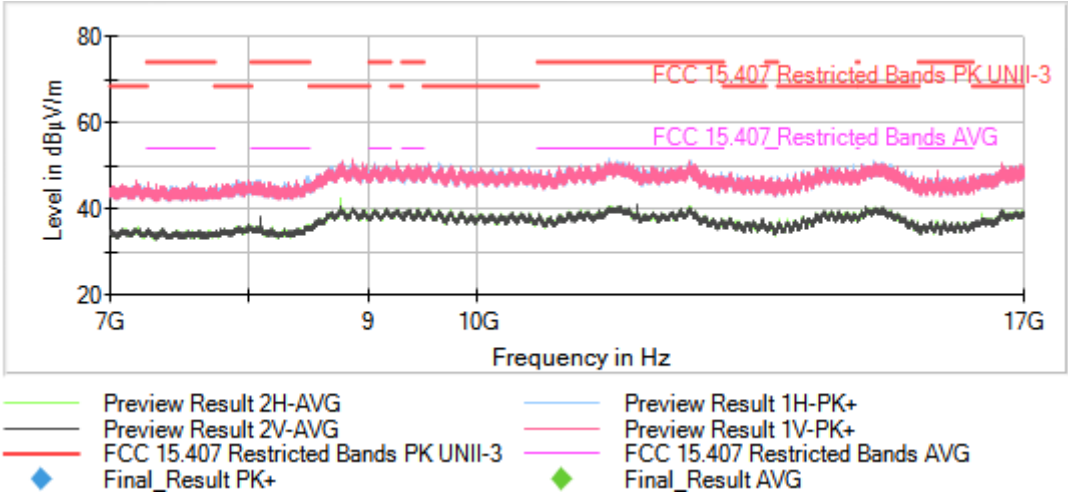
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [7, 17]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



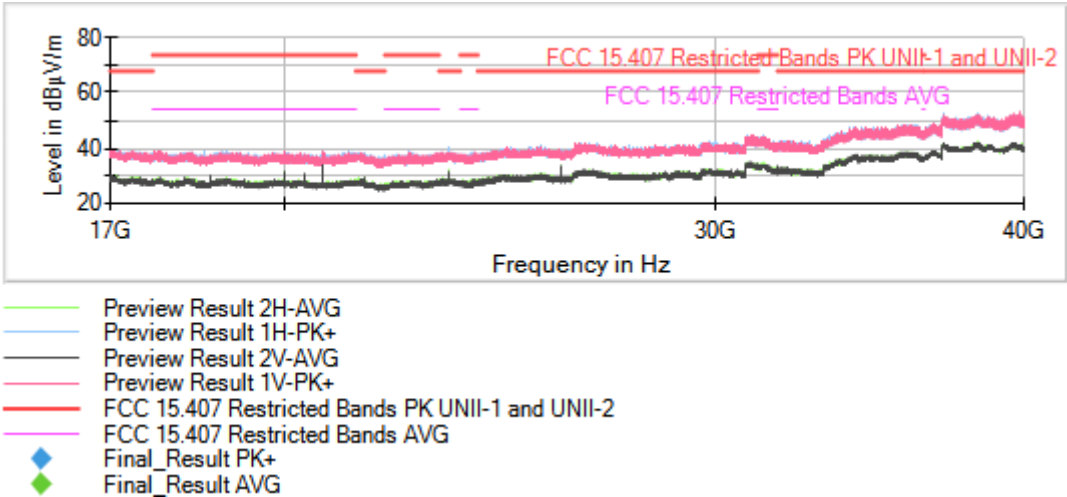
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [7, 17]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
Subcarrier Mode = RU

Images:



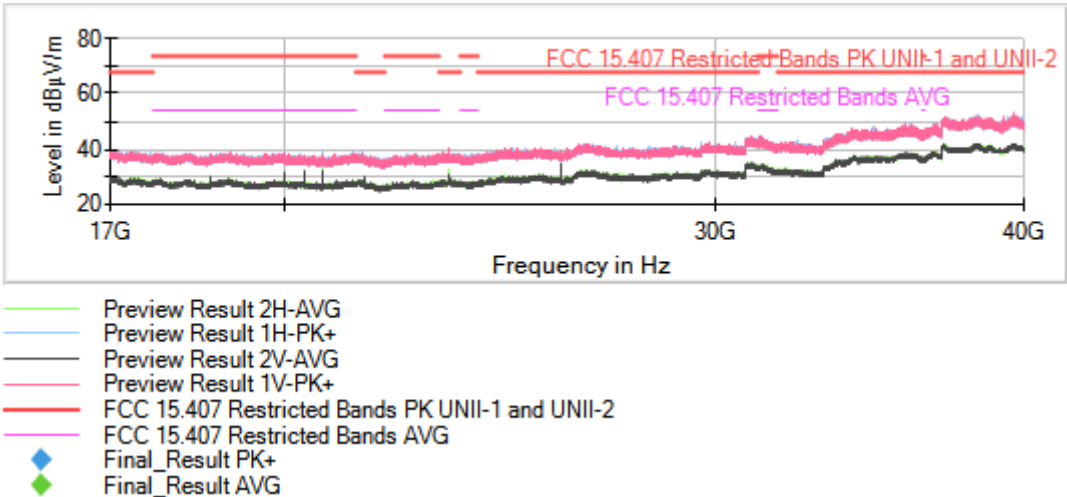
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



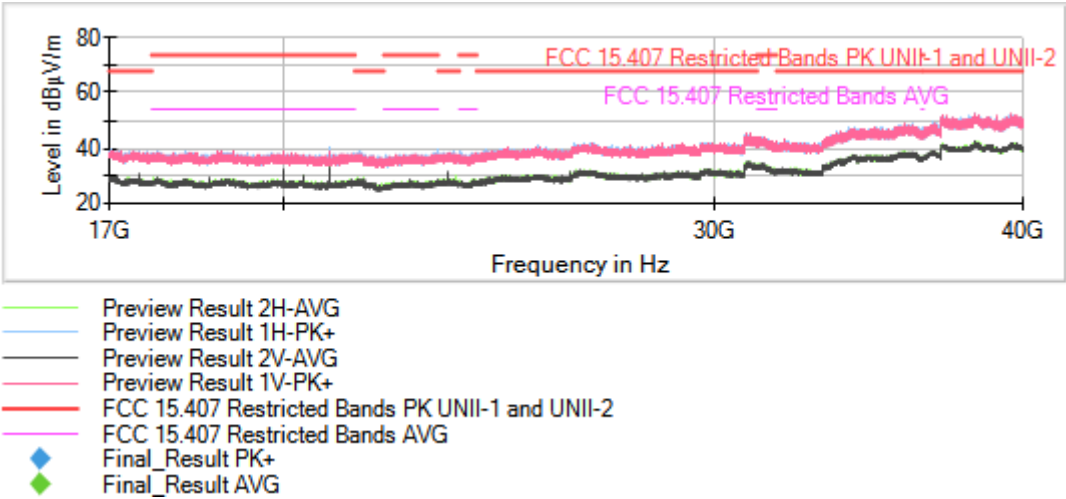
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
Subcarrier Mode = RU

Images:



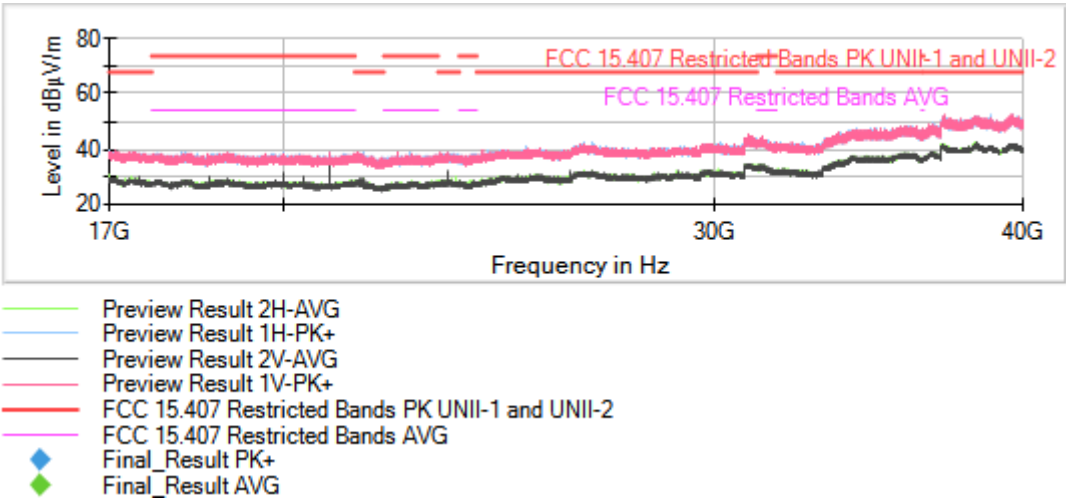
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



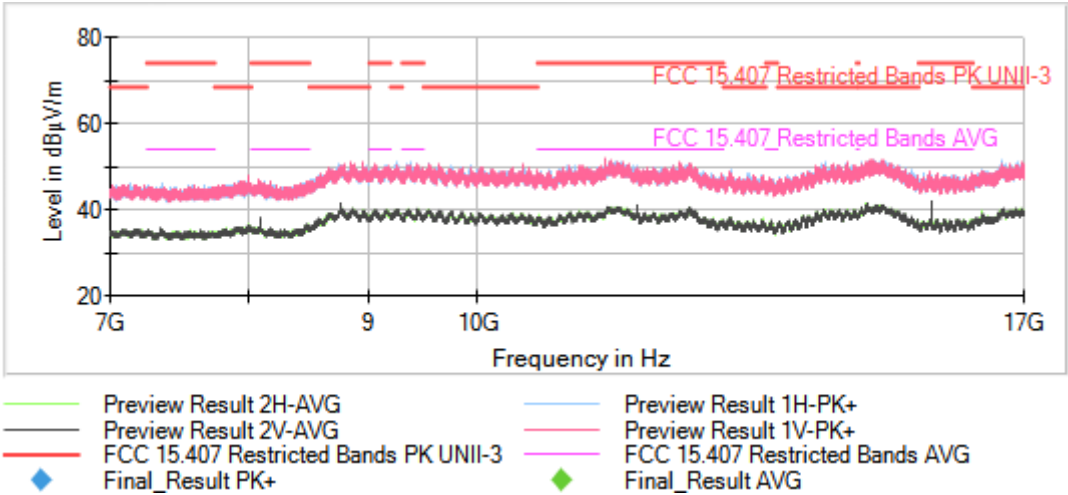
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
Subcarrier Mode = RU

Images:



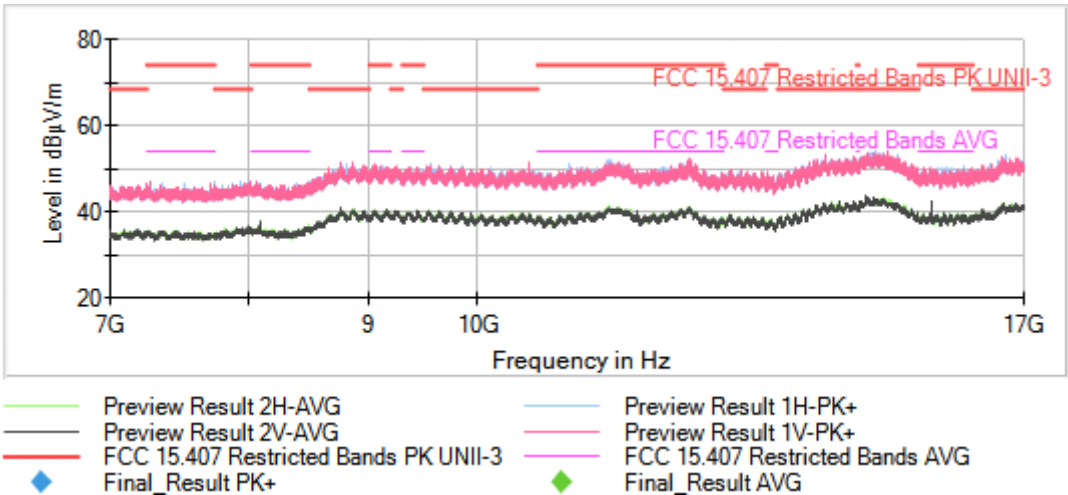
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



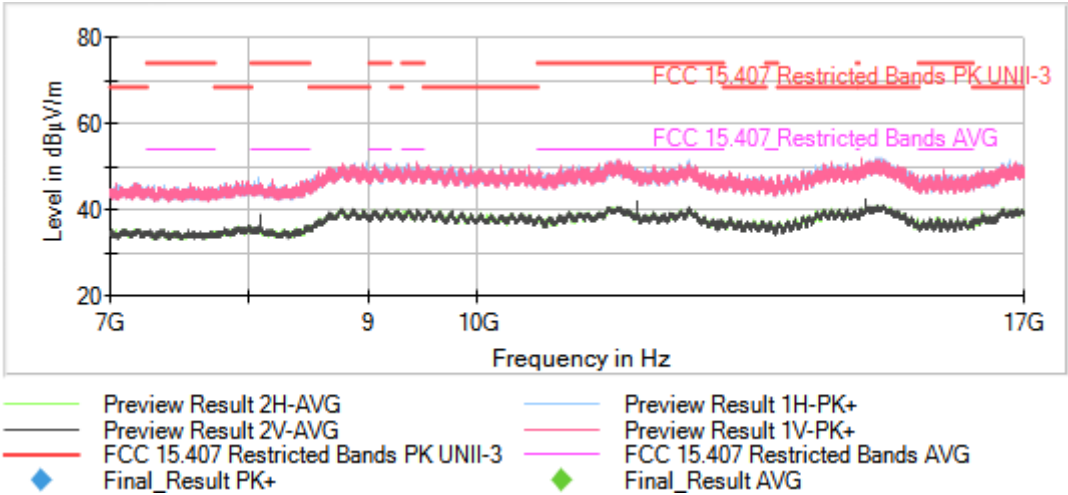
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
Subcarrier Mode = RU

Images:



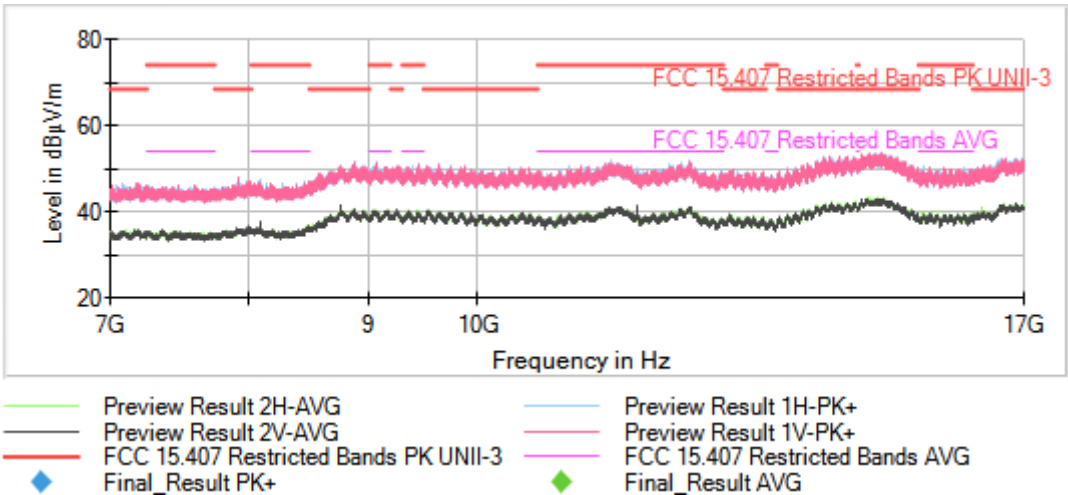
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



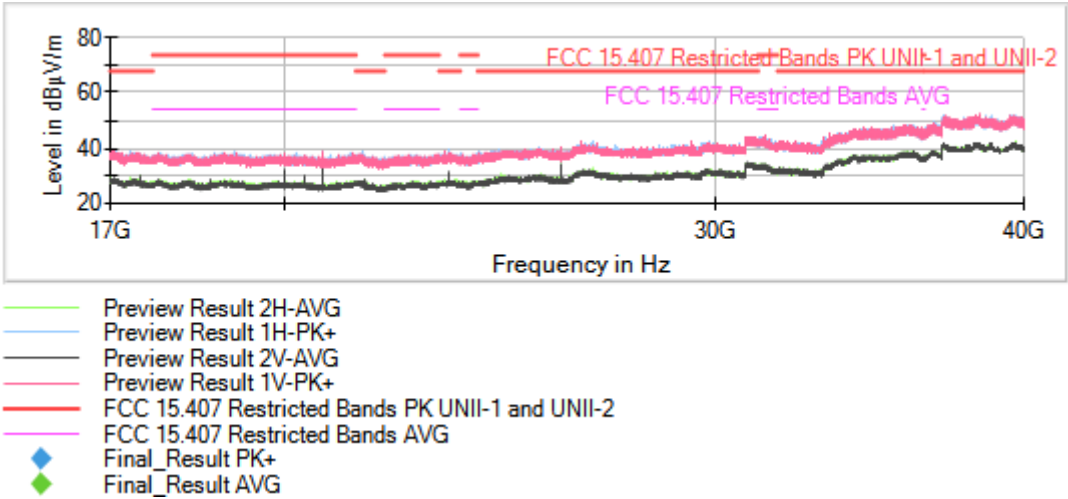
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
Subcarrier Mode = RU

Images:



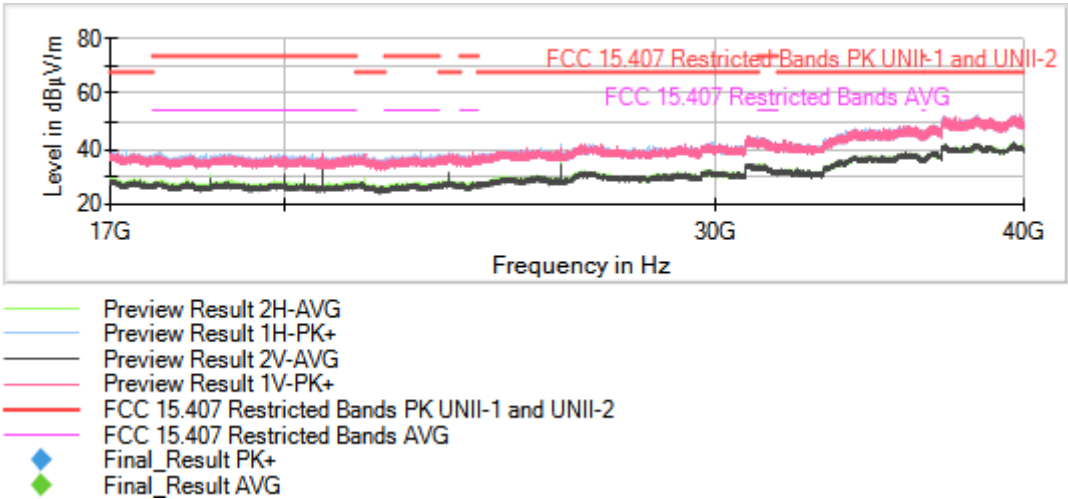
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [17, 40]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



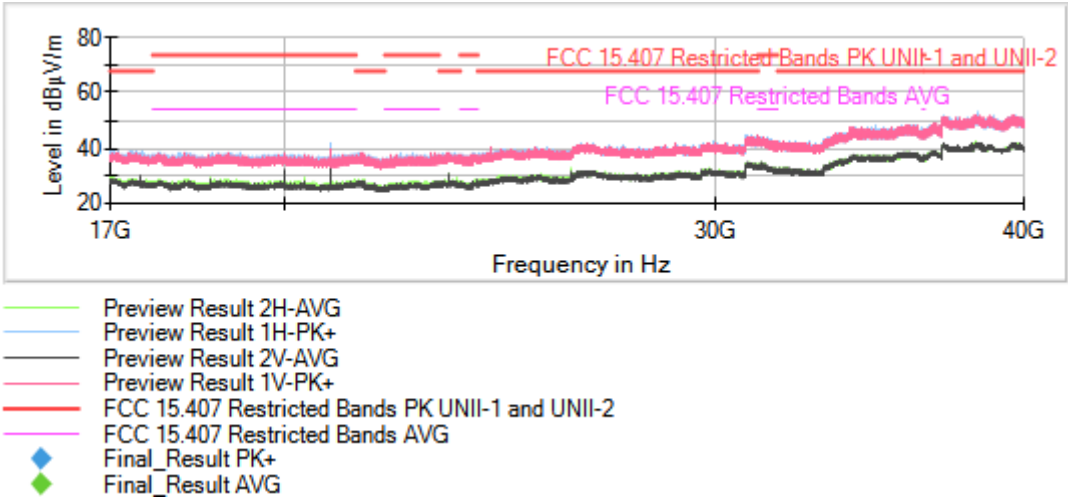
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [17, 40]      Frequency MHz = 5190.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
Subcarrier Mode = RU

Images:



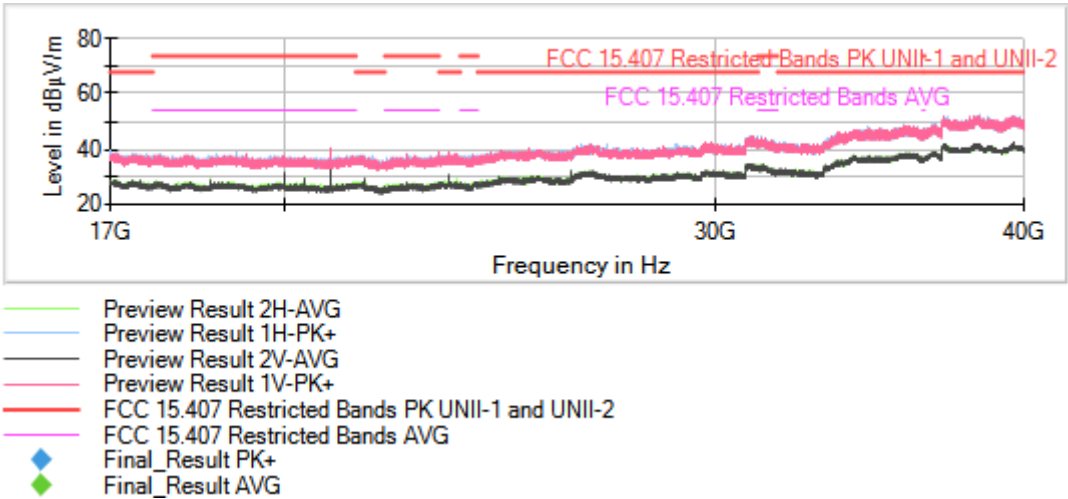
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [17, 40]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 484/65  
Subcarrier Mode = SU

Images:



Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [17, 40]      Frequency MHz = 5230.00000  
Modulation = 802.11ax HE40 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
Subcarrier Mode = RU

Images:



Modulation: 802.11ax HE80 (OFDMA MCS0)

### **Results**

No spurious frequencies detected at less than 20dB below the limit.

### **Verdict**

Pass

## Attachments

Operation Band MHz = [5150, 5250]

Active Port = 1

Frequency Range GHz = [1, 7]

Frequency MHz = 5210.00000

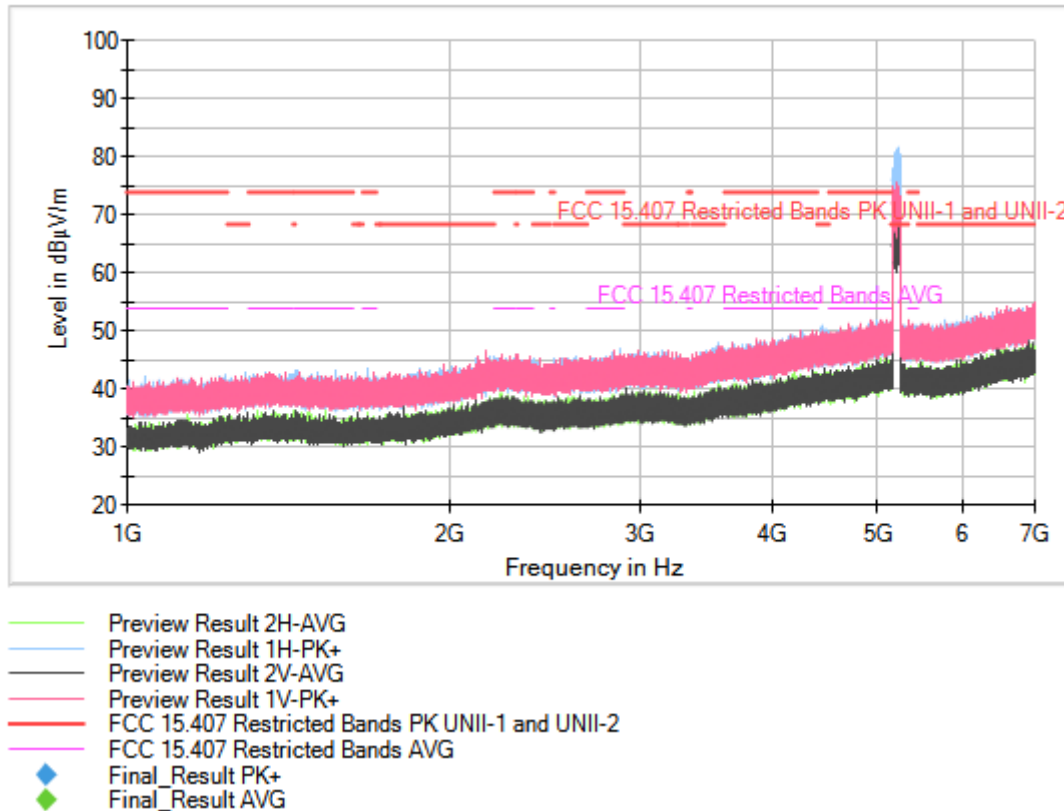
Modulation = 802.11ax HE80 (OFDMA MCS0)

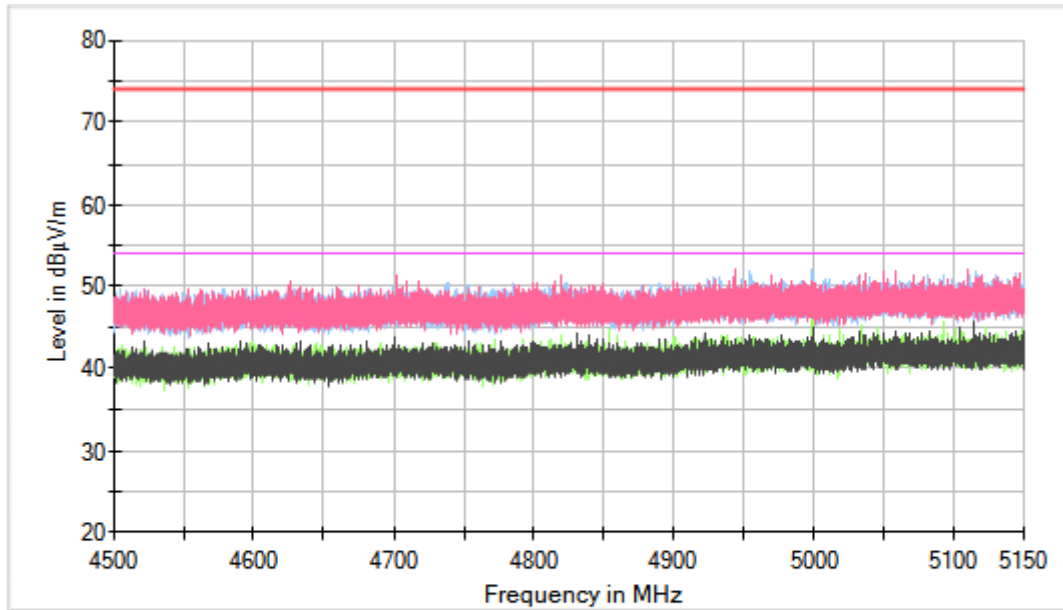
Resource Unit Tone/Index = 996/67

Subcarrier Mode = SU

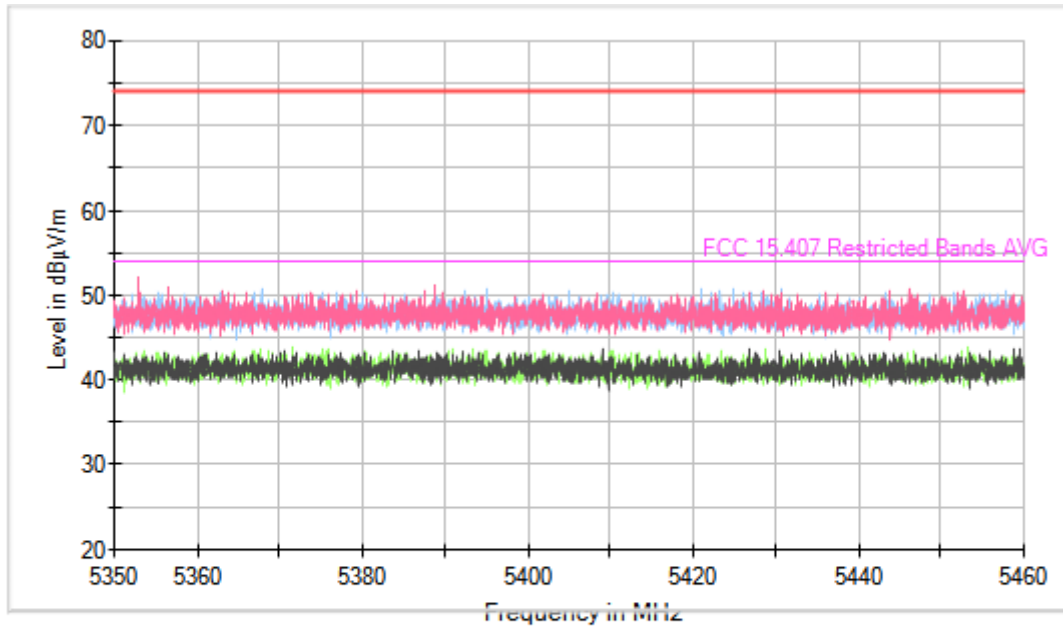
## Images:

Full Spectrum





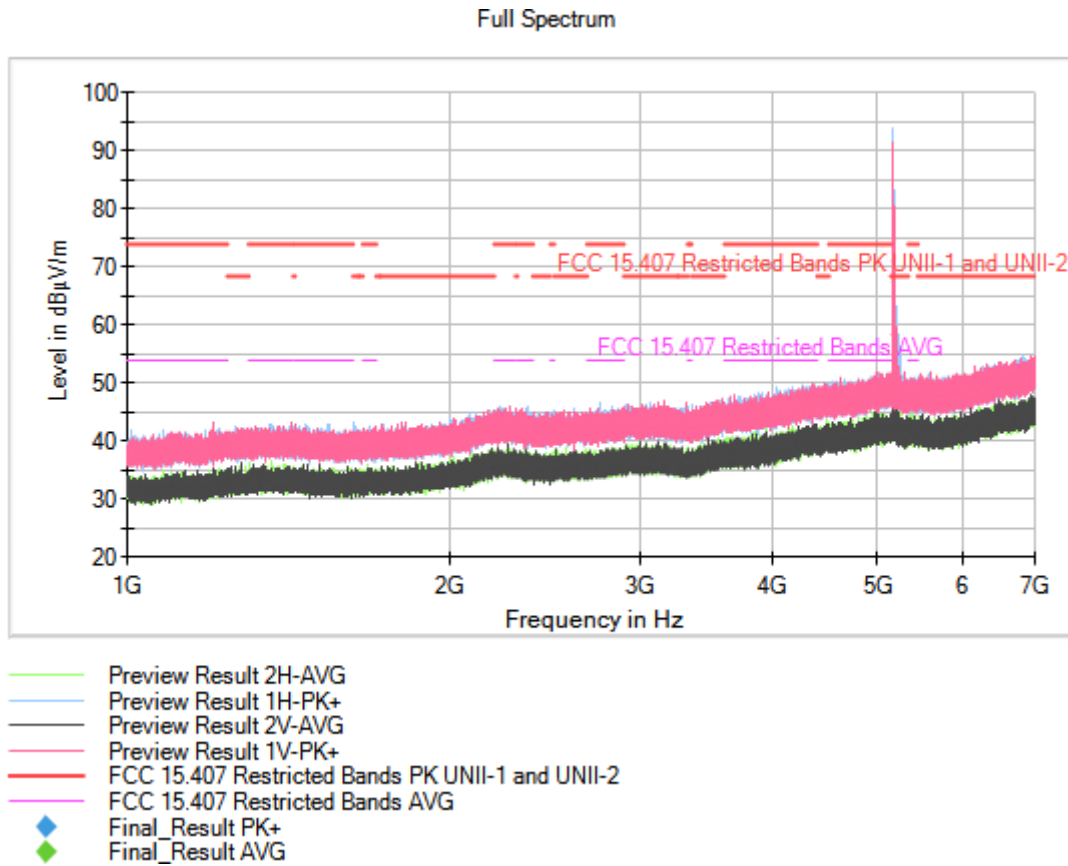
- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.407 Restricted Bands PK UNII-1 and UNII-2
- FCC 15.407 Restricted Bands AVG
- Final\_Result PK+
- Final\_Result AVG

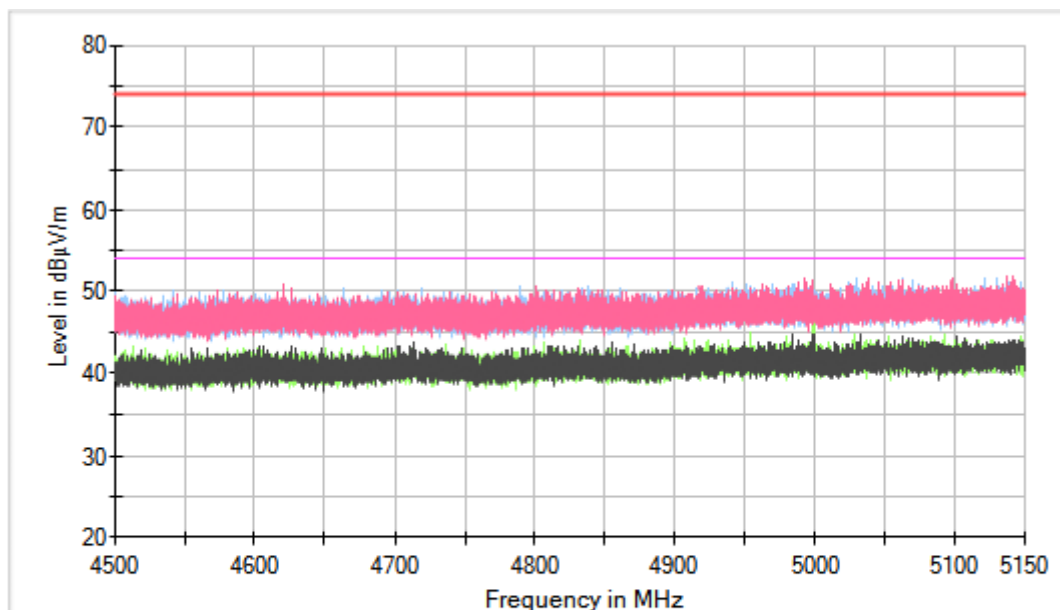


- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.407 Restricted Bands PK UNII-1 and UNII-2
- FCC 15.407 Restricted Bands AVG
- Final\_Result PK+
- Final\_Result AVG

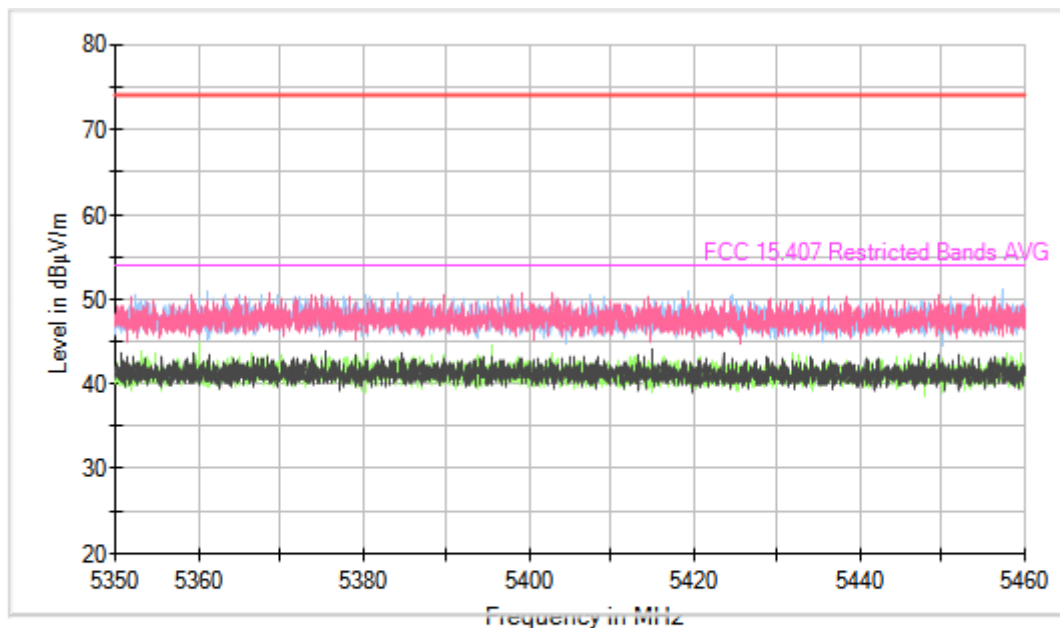
Operation Band MHz = [5150, 5250]      Active Port = 1  
 Frequency Range GHz = [1, 7]      Frequency MHz = 5210.00000  
 Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
 Subcarrier Mode = RU

**Images:**





- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.407 Restricted Bands PK UNII-1 and UNII-2
- FCC 15.407 Restricted Bands AVG
- Final\_Result PK+
- Final\_Result AVG

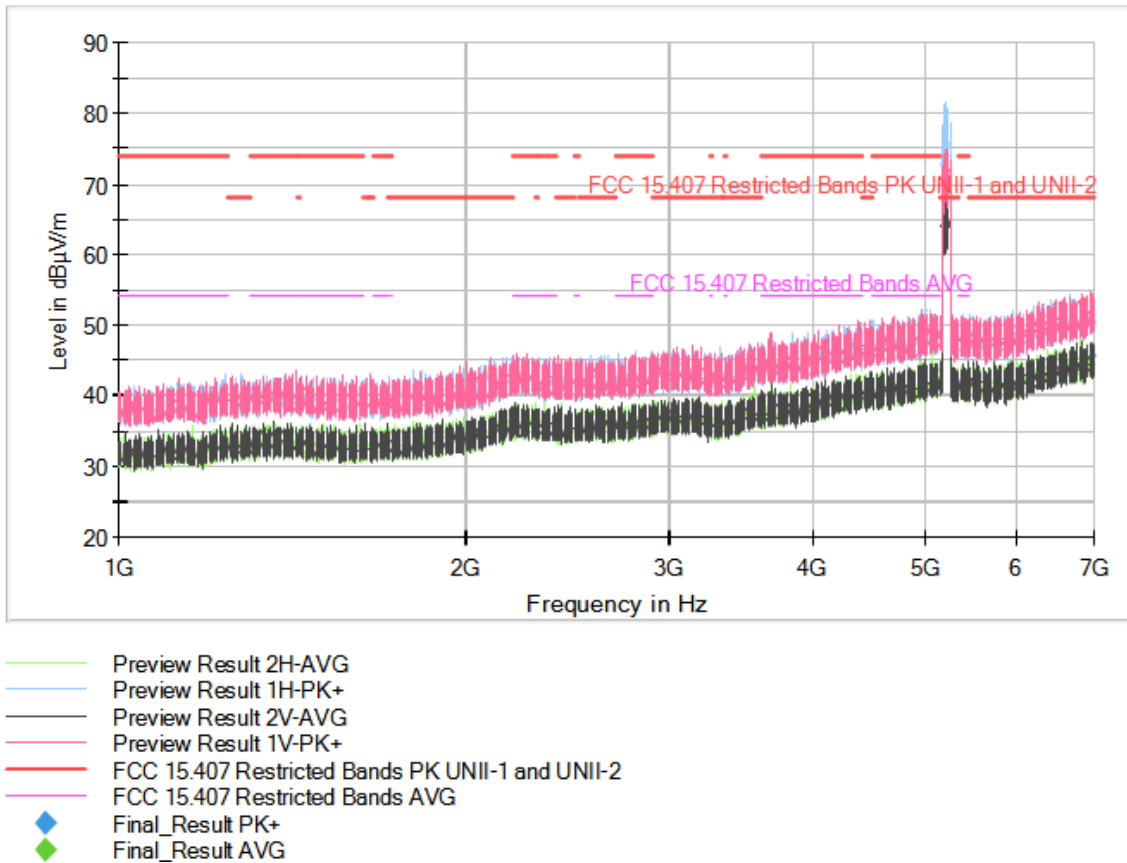


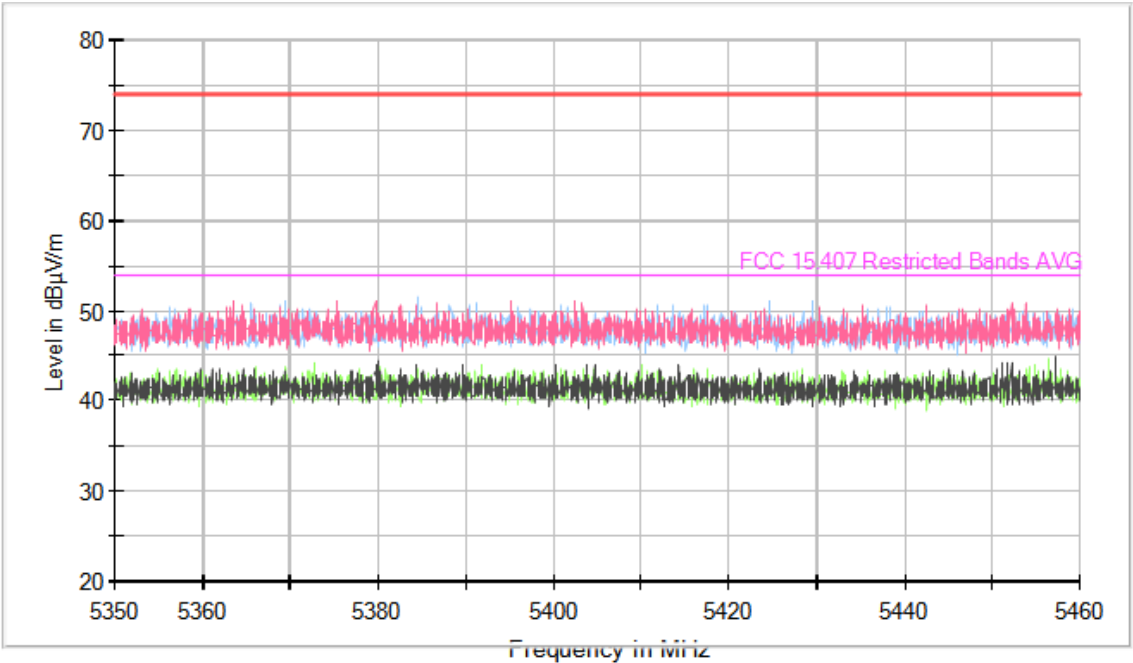
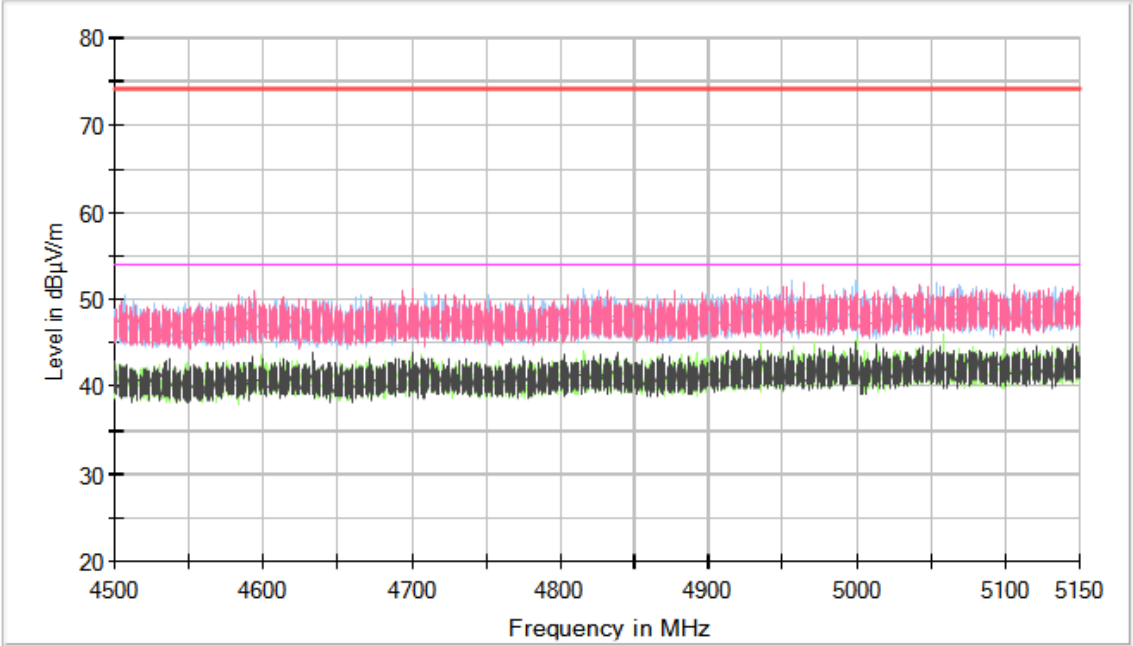
- Preview Result 2H-AVG
- Preview Result 1H-PK+
- Preview Result 2V-AVG
- Preview Result 1V-PK+
- FCC 15.407 Restricted Bands PK UNII-1 and UNII-2
- FCC 15.407 Restricted Bands AVG
- Final\_Result PK+
- Final\_Result AVG

Operation Band MHz = [5150, 5250]      Active Port = 1+2  
 Frequency Range GHz = [1, 7]      Frequency MHz = 5210.00000  
 Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 996/67  
 Subcarrier Mode = SU

**Images:**

Full Spectrum





Operation Band MHz = [5150, 5250]

Active Port = 1+2

Frequency Range GHz = [1, 7]

Frequency MHz = 5210.00000

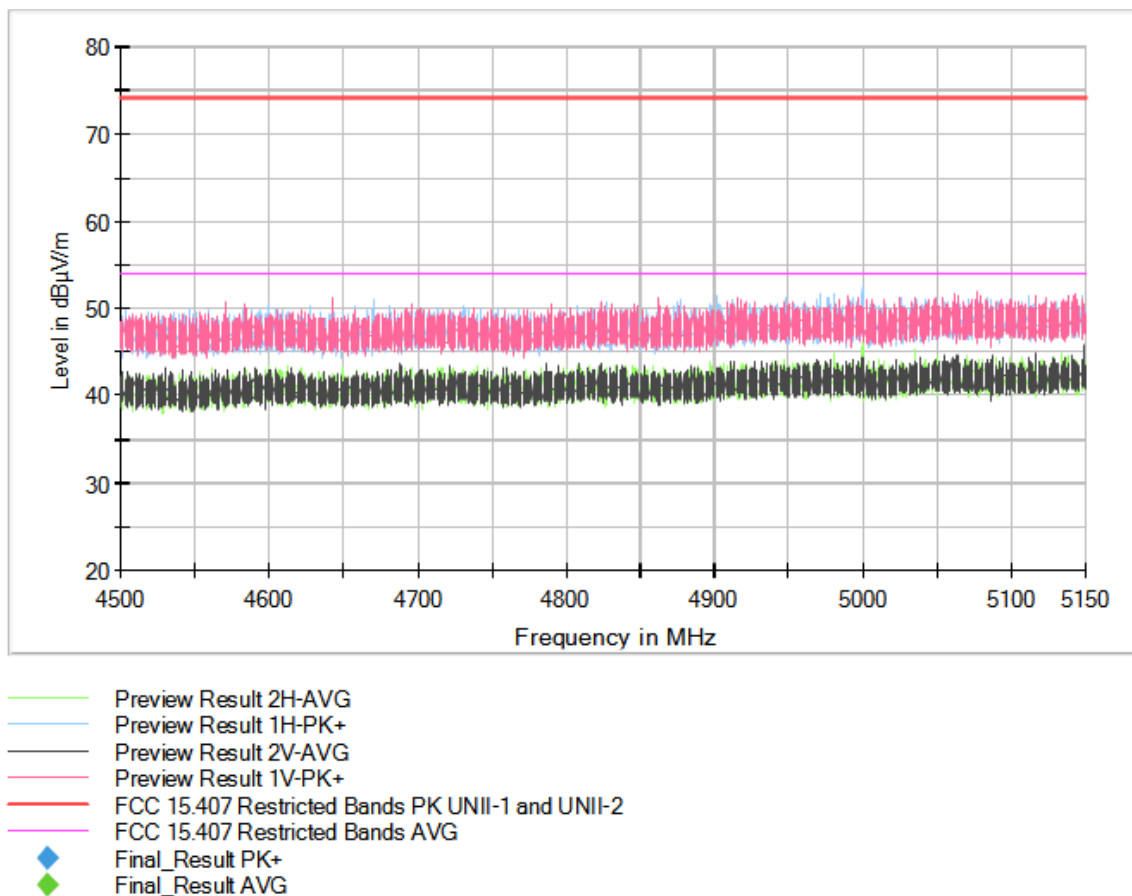
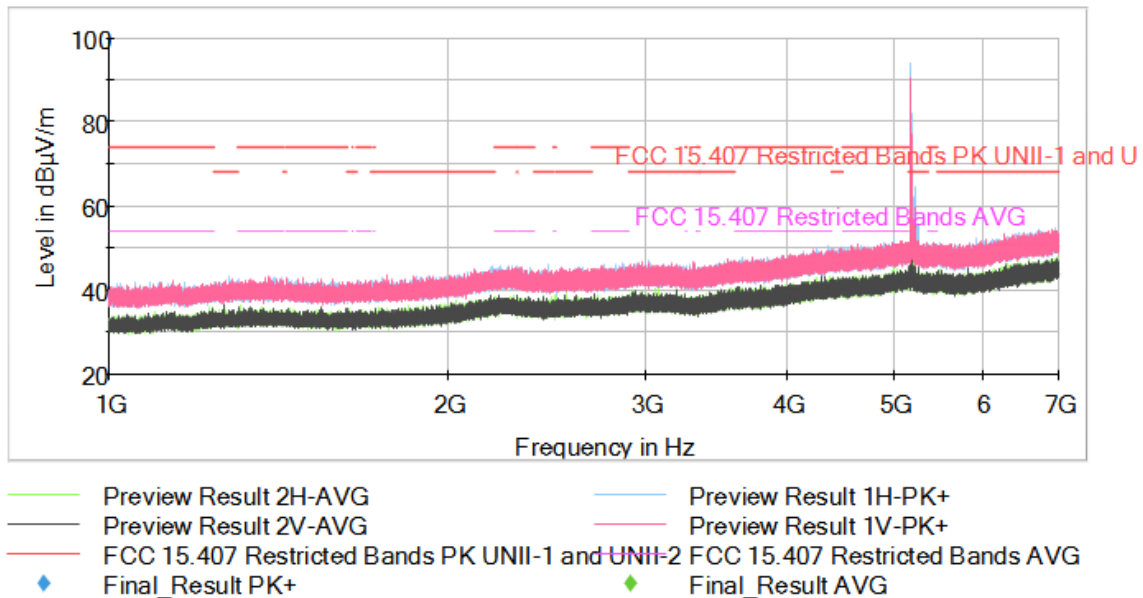
Modulation = 802.11ax HE80 (OFDMA MCS0)

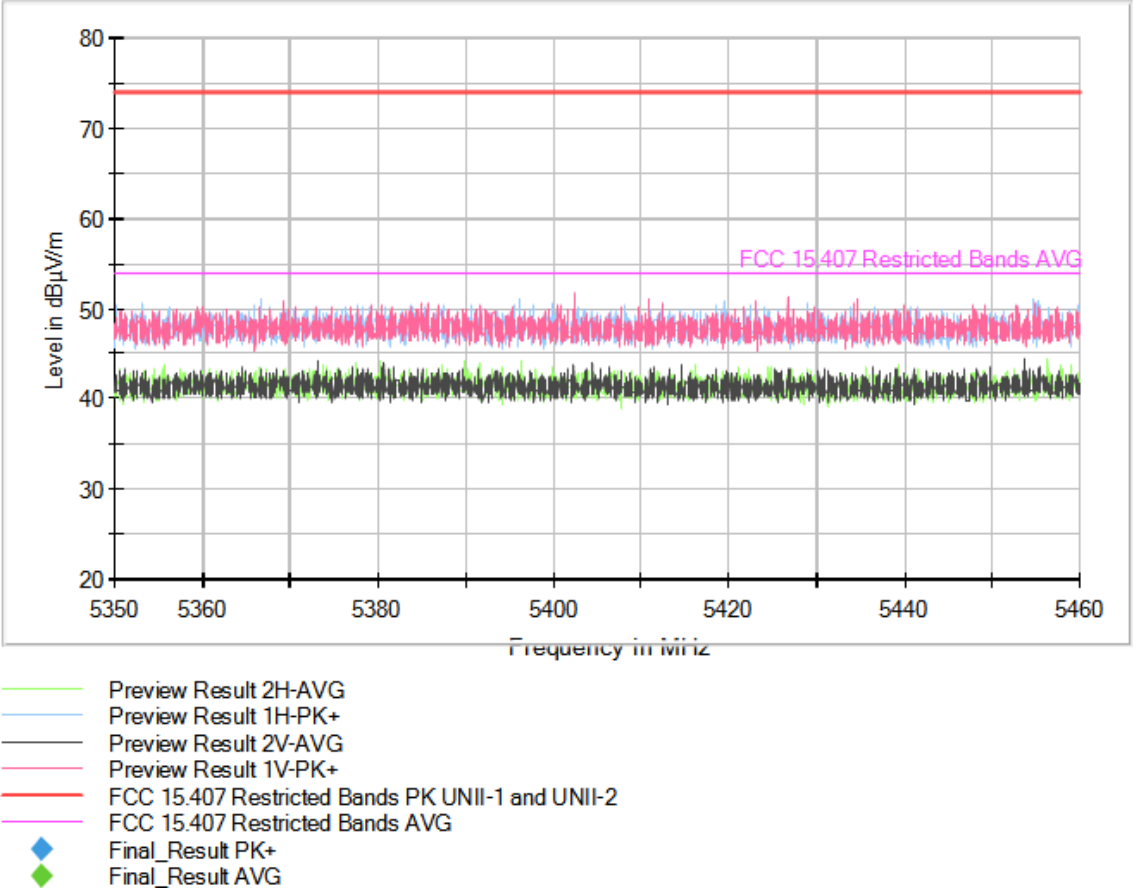
Resource Unit Tone/Index = 26/0

Subcarrier Mode = RU

## Images:

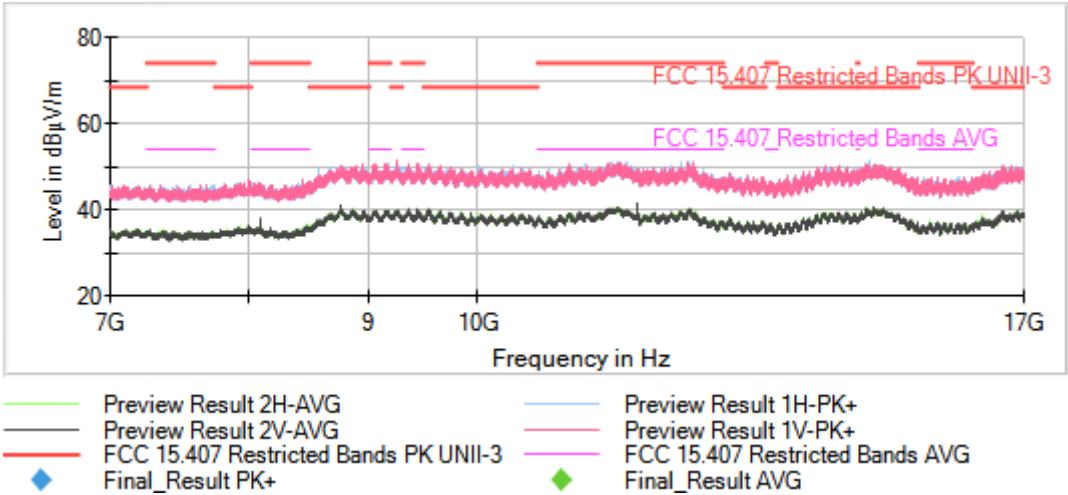
Full Spectrum





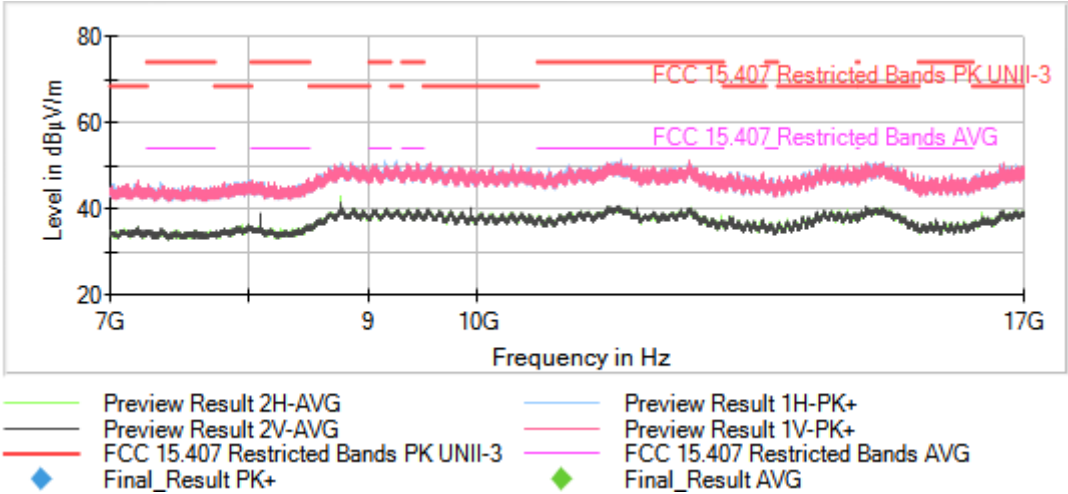
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [7, 17]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 996/67  
Subcarrier Mode = SU

Images:



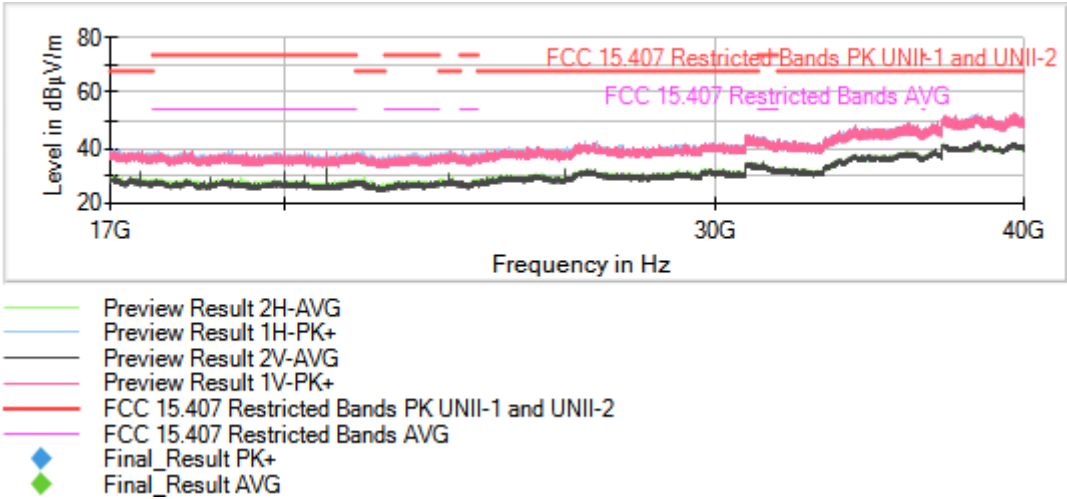
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [7, 17]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
Subcarrier Mode = RU

Images:



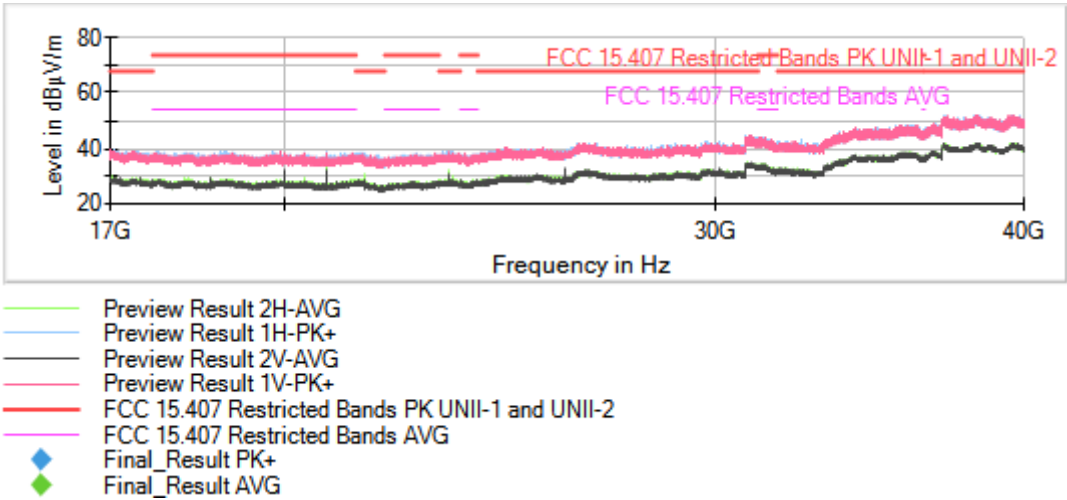
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 996/67  
Subcarrier Mode = SU

Images:



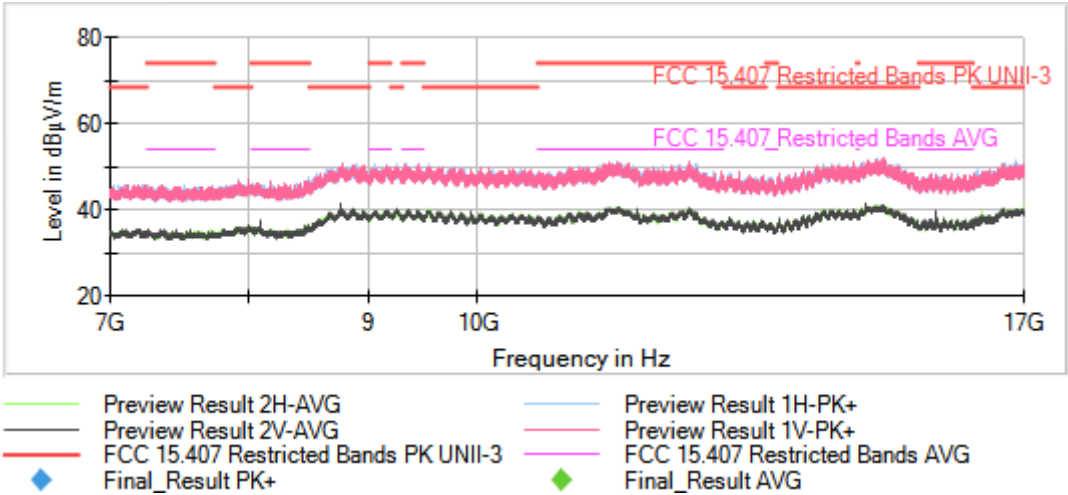
Operation Band MHz = [5150, 5250]      Active Port = 1  
Frequency Range GHz = [17, 40]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
Subcarrier Mode = RU

Images:



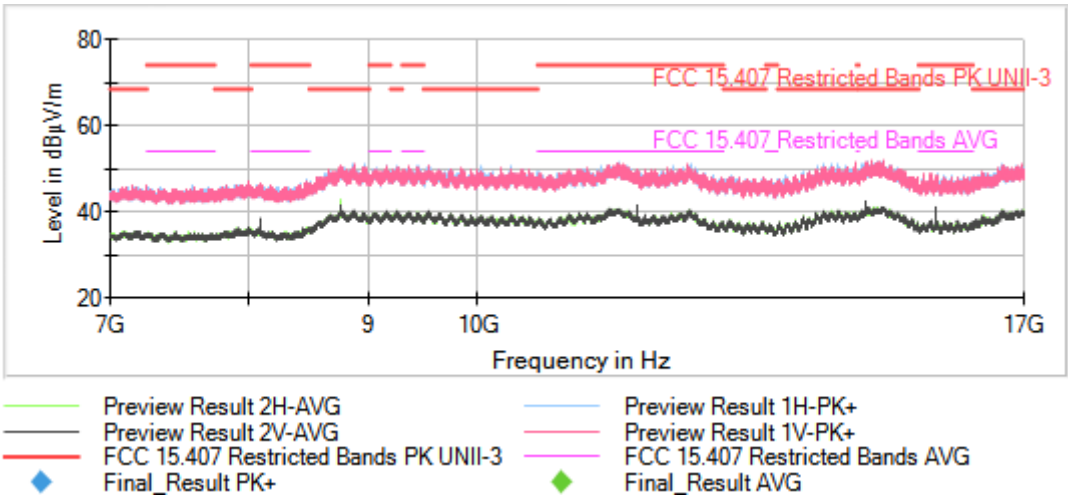
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 996/67  
Subcarrier Mode = SU

Images:



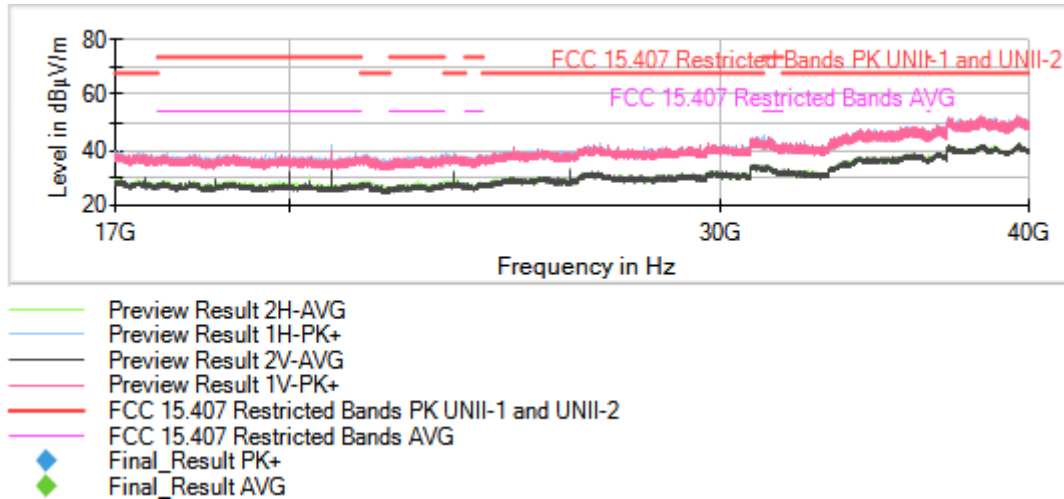
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
Frequency Range GHz = [7, 17]      Frequency MHz = 5210.00000  
Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 26/0  
Subcarrier Mode = RU

Images:



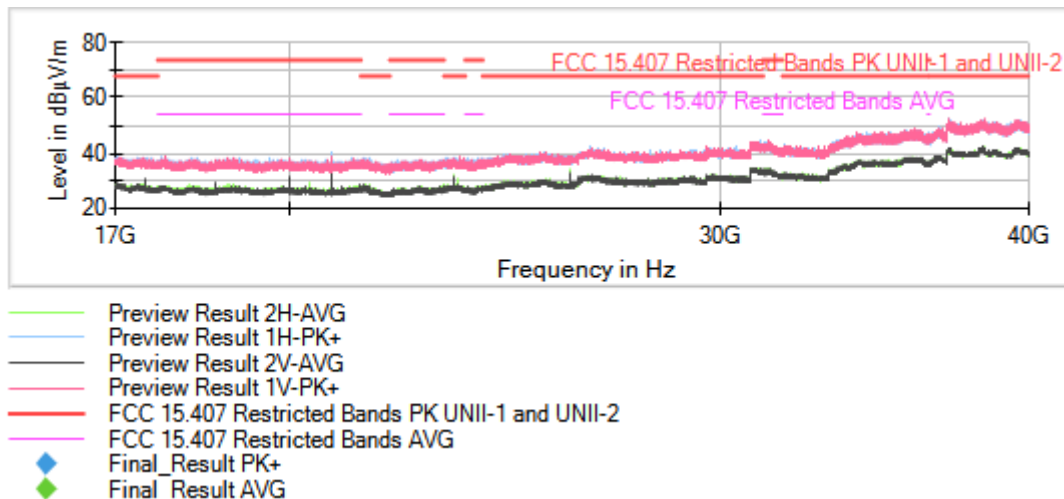
Operation Band MHz = [5150, 5250]      Active Port = 1+2  
 Frequency Range GHz = [17, 40]      Frequency MHz = 5210.00000  
 Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 996/67  
 Subcarrier Mode = SU

**Images:**



Operation Band MHz = [5150, 5250]      Active Port = 1+2  
 Frequency Range GHz = [17, 40]      Frequency MHz = 5210.00000  
 Modulation = 802.11ax HE80 (OFDMA MCS0)      Resource Unit Tone/Index = 26/17  
 Subcarrier Mode = RU

**Images:**



## Appendix C: Tests results for the U-NII-3 Band 5.725–5.85 GHz

# Index

|                                                                                                                                                                                         |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
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| RSS-247 7.3.4.3 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density UNII-3 .....                                                                                      | 483 |
| RSS-247 7.3.4.2 / FCC 15.407 (e) [6dBw] 6 dB Emission Bandwidth .....                                                                                                                   | 564 |
| RSS-247 7.3.4.4 / FCC 15.407 (b) (4) (6) + (b) (4): [Rse] + [Bndedge] Transmitter Out of Band Radiated<br>Emissions For transmitters operating solely in the 5.725-5.850 GHz band ..... | 622 |

## TEST CASES DETAILS

### RSS-247 7.3.4.3 / FCC 15.407 (a) (3) [Avcp] Maximum Conducted output power UNII-3

**Limits**

\* FCC 15.407: For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

RSS-247: The maximum conducted output power shall not exceed 1 W.

**Tables:**

Spectrum Analyzer Parameters

| Setting          | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Measurement Time | 1.000 s          | 1.000 s      |
| Points           | 1000000          | 1000000      |
| Time resolution  | 1.000 µs         | 1.000 µs     |

Modulation: 802.11a (OFDM 6 Mbit/s)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 13.30          | 7.84            |
|                      |      | 5785.00000 |     | 13.33          | 7.87            |
|                      |      | 5825.00000 |     | 13.40          | 7.94            |

Verdict

Pass

Modulation: 802.11n HT20 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 11.48          | 6.02            |
|                      |      | 5785.00000 |     | 11.33          | 5.87            |
|                      |      | 5825.00000 |     | 12.15          | 6.69            |
|                      | 1+2  | 5745.00000 |     | 14.16          | 5.65            |
|                      |      | 5785.00000 |     | 13.75          | 5.24            |
|                      |      | 5825.00000 |     | 14.55          | 6.04            |

Verdict

Pass

Modulation: 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5755.00000 | No  | 12.87          | 7.41            |
|                      |      | 5795.00000 |     | 11.71          | 6.25            |
|                      | 1+2  | 5755.00000 |     | 15.68          | 7.17            |
|                      |      | 5795.00000 |     | 14.36          | 5.85            |

Verdict

Pass

Modulation: 802.11ac VHT20 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 10.41          | 4.95            |
|                      |      | 5785.00000 |     | 10.26          | 4.80            |
|                      |      | 5825.00000 |     | 11.40          | 5.94            |
|                      | 1+2  | 5745.00000 |     | 13.23          | 4.72            |
|                      |      | 5785.00000 |     | 12.85          | 4.34            |
|                      |      | 5825.00000 |     | 13.47          | 4.96            |

Verdict

Pass

Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5755.00000 | No  | 8.83           | 3.37            |
|                      |      | 5795.00000 |     | 9.15           | 3.69            |
|                      | 1+2  | 5755.00000 |     | 11.37          | 2.86            |
|                      |      | 5795.00000 |     | 11.25          | 2.74            |

Verdict

Pass

Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|----------------|-----------------|
| [5725, 5850]         | 2    | 5775.00000 | No  | 5.64           | 0.18            |
|                      | 1+2  |            |     | 8.25           | -0.26           |

Verdict

Pass

Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Subcarrier Mode | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|-----------------|----------------|-----------------|
| [5725, 5850]         | 2    | 5745.00000 | No  | SU              | 9.70           | 4.24            |
|                      |      |            |     | RU              | 8.89           | 3.43            |
|                      |      | 5785.00000 |     | SU              | 9.54           | 4.08            |
|                      |      |            |     | RU              | 9.01           | 3.55            |
|                      |      | 5825.00000 |     | SU              | 10.62          | 5.16            |
|                      |      |            |     | RU              | 9.83           | 4.37            |
|                      | 1+2  | 5745.00000 |     | SU              | 12.32          | 3.81            |
|                      |      |            |     | RU              | 11.72          | 3.21            |
|                      |      | 5785.00000 |     | SU              | 12.09          | 3.58            |
|                      |      |            |     | RU              | 11.43          | 2.92            |
|                      |      | 5825.00000 |     | SU              | 13.03          | 4.52            |
|                      |      |            |     | RU              | 11.62          | 3.11            |

Verdict

Pass

Modulation: 802.11ax HE40 (OFDMA MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Subcarrier Mode | Max EIRP (dBm) | Avg Power (dBm) |  |
|----------------------|------|------------|-----|-----------------|----------------|-----------------|--|
| [5725, 5850]         | 2    | 5755.00000 | No  | SU              | 8.10           | 2.64            |  |
|                      |      |            |     | RU              | 7.33           | 1.86            |  |
|                      |      | 5795.00000 |     | SU              | 8.25           | 2.79            |  |
|                      |      |            |     | RU              | 7.16           | 1.70            |  |
|                      | 1+2  | 5755.00000 |     | SU              | 10.28          | 1.77            |  |
|                      |      |            |     | RU              | 9.73           | 1.22            |  |
|                      |      | 5795.00000 |     | SU              | 10.31          | 1.80            |  |
|                      |      |            |     | RU              | 8.99           | 0.48            |  |

Verdict

Pass

Modulation: 802.11ax HE80 (OFDMA MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Subcarrier Mode | Max EIRP (dBm) | Avg Power (dBm) |
|----------------------|------|------------|-----|-----------------|----------------|-----------------|
| [5725, 5850]         | 2    | 5775.00000 | No  | SU              | 4.67           | -0.79           |
|                      |      |            |     | RU              | 4.64           | -0.82           |
|                      | 1+2  |            |     | SU              | 7.25           | -1.26           |
|                      |      |            |     | RU              | 7.08           | -1.43           |

Verdict

Pass

## RSS-247 7.3.4.3 / FCC 15.407 (a) (3) [Psd] Transmitter Maximum Power Spectral Density UNII-3

### Limits

\* **FCC 15.407:** For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Modulation: 802.11a (OFDM 6 Mbit/s)

### Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 5751.336634 | -11.28    |
|                      |      | 5785.00000 |     | 5777.277228 | -10.63    |
|                      |      | 5825.00000 |     | 5822.425743 | -10.74    |

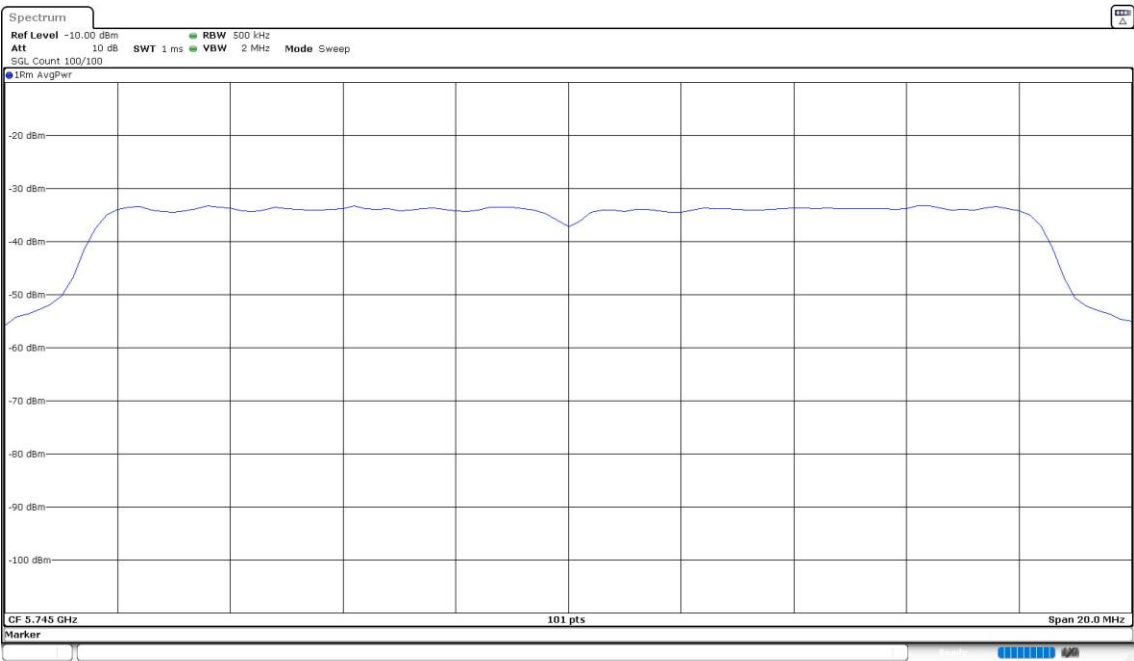
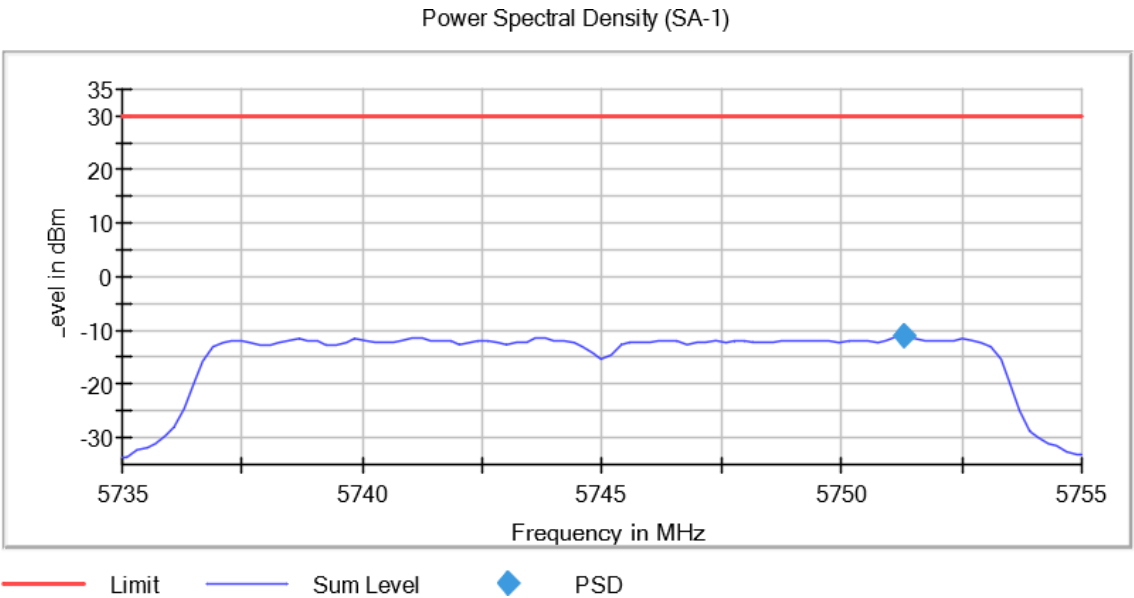
### Verdict

Pass

Attachments

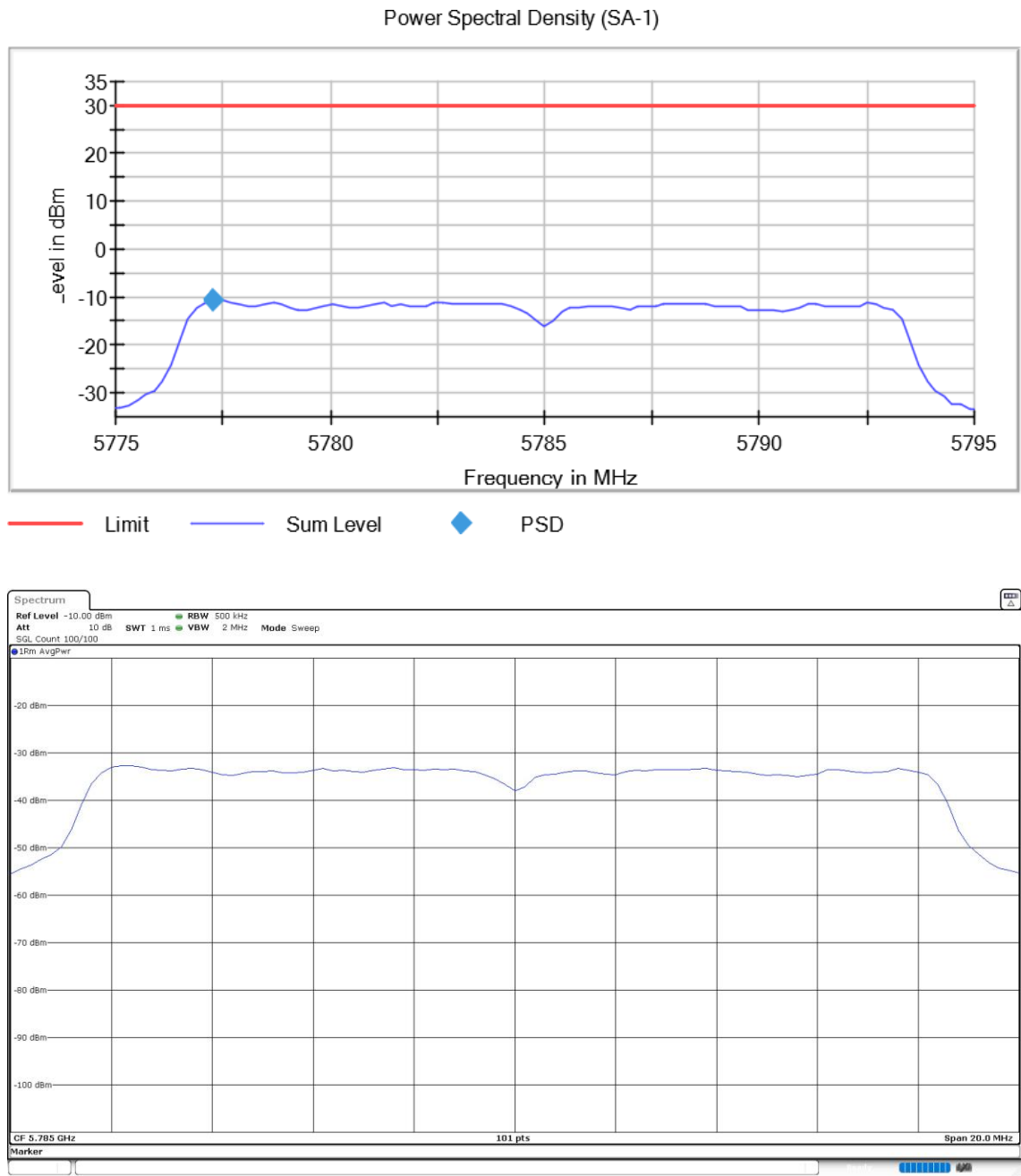
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5745.00000    Modulation = 802.11a (OFDM 6 Mbit/s)  
TPC = No

Images:



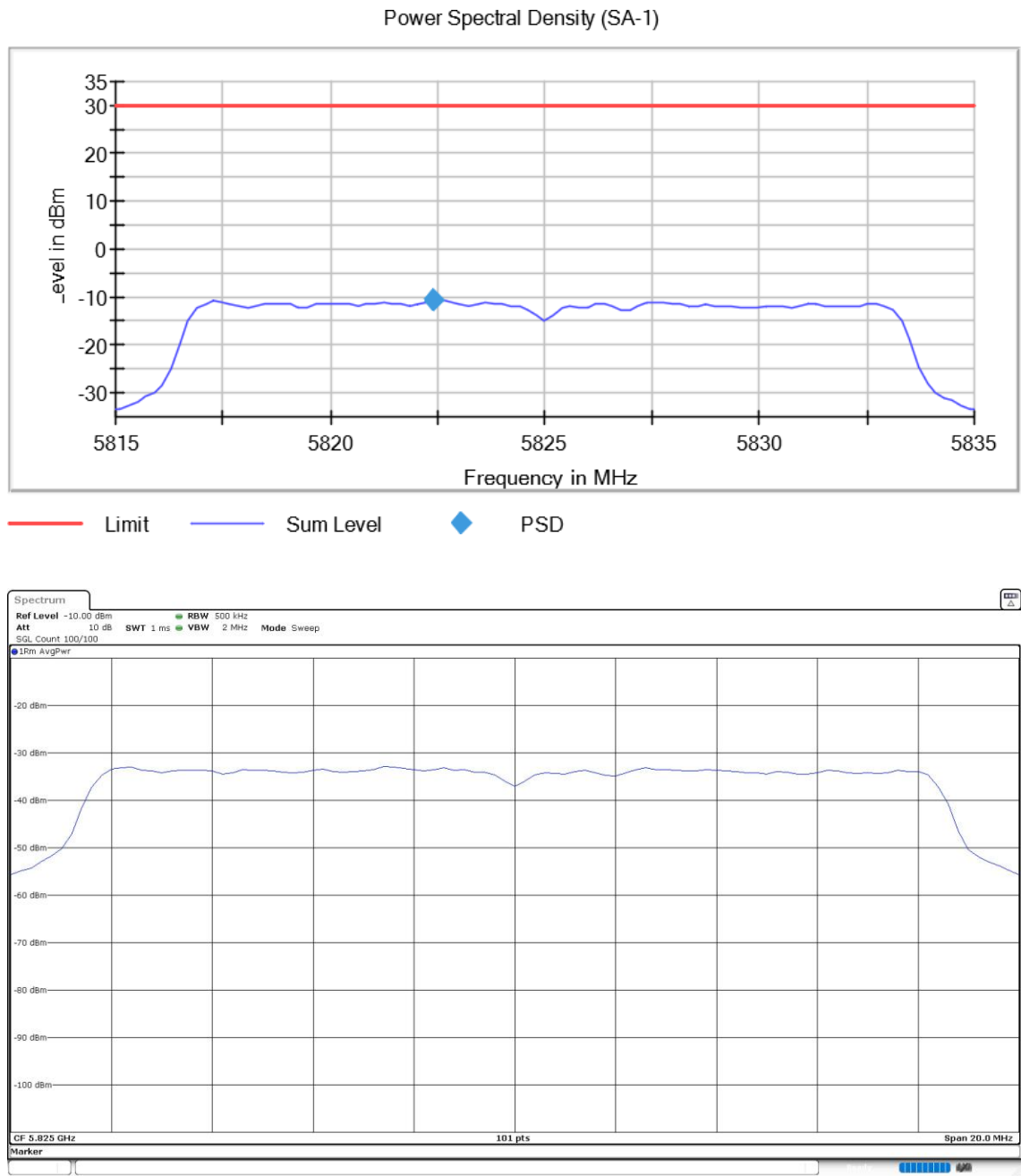
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5785.00000    Modulation = 802.11a (OFDM 6 Mbit/s)  
TPC = No

Images:



Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5825.00000    Modulation = 802.11a (OFDM 6 Mbit/s)  
TPC = No

Images:



Modulation: 802.11n HT20 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 5749.950495 | -13.22    |
|                      |      | 5785.00000 |     | 5778.861386 | -13.12    |
|                      |      | 5825.00000 |     | 5823.613861 | -12.29    |
|                      | 1+2  | 5745.00000 |     | 5738.861386 | -13.44    |
|                      |      | 5785.00000 |     | 5788.762376 | -13.75    |
|                      |      | 5825.00000 |     | 5823.613861 | -13.05    |

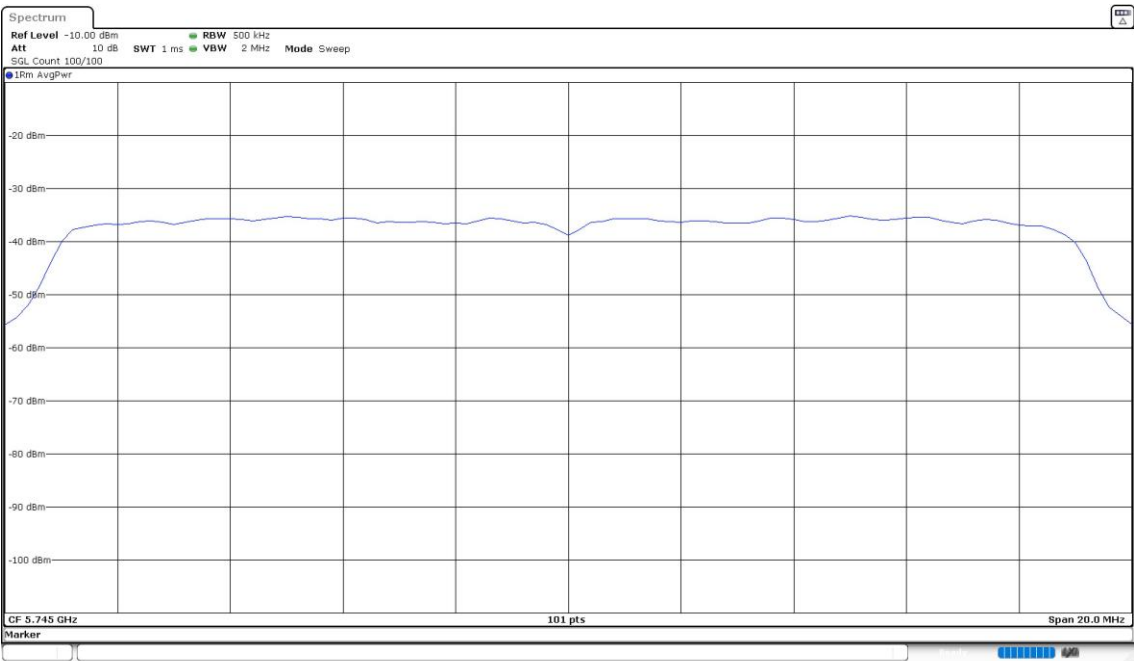
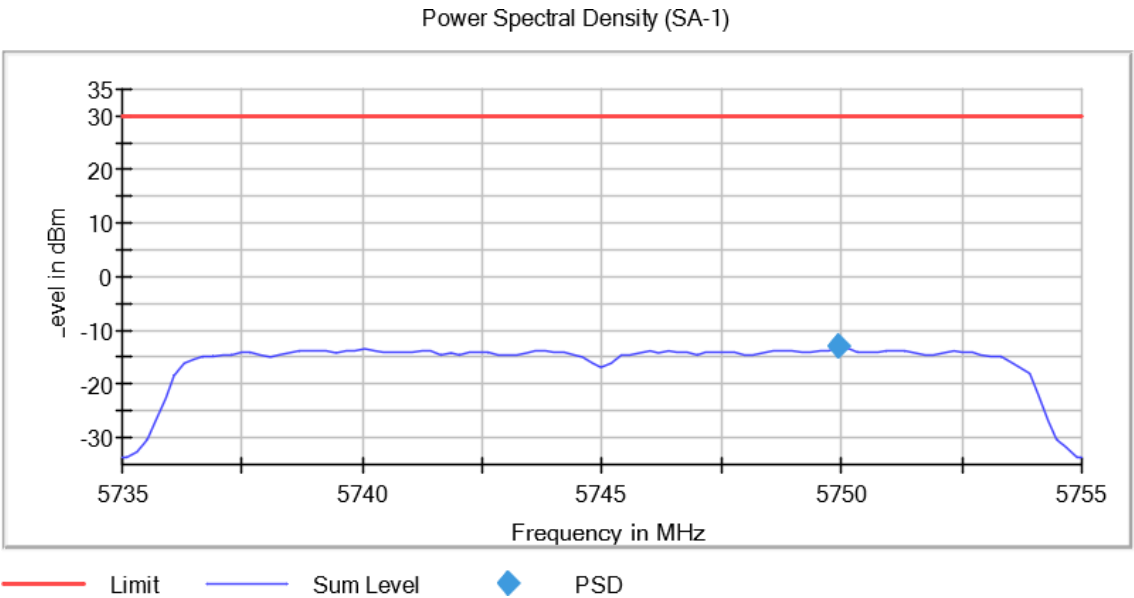
Verdict

Pass

Attachments

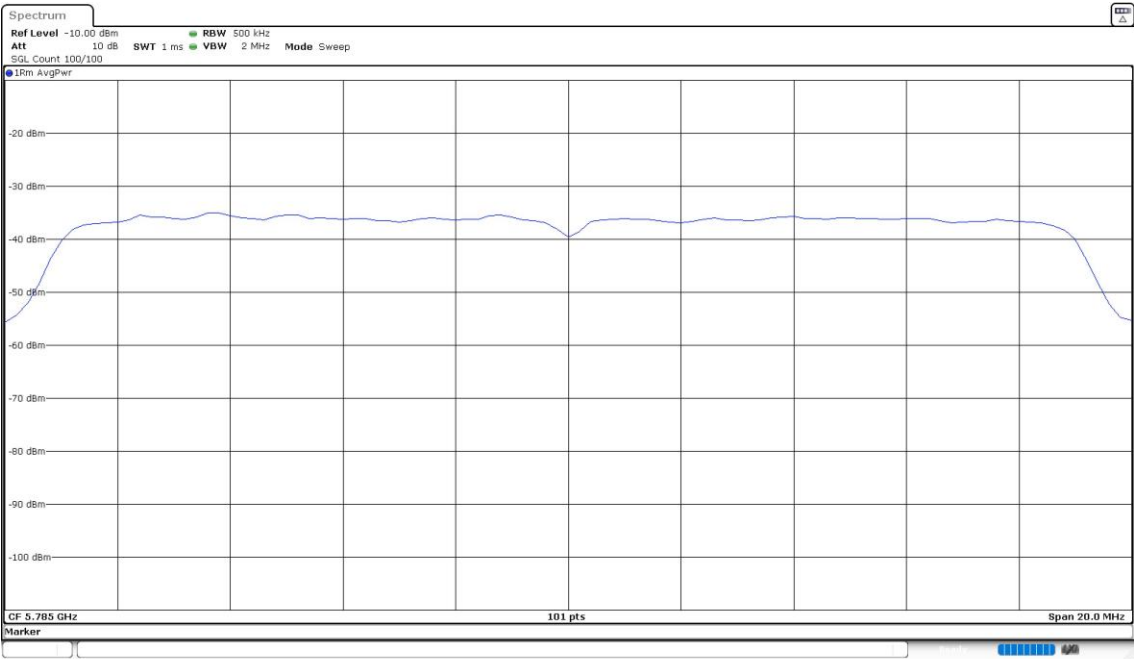
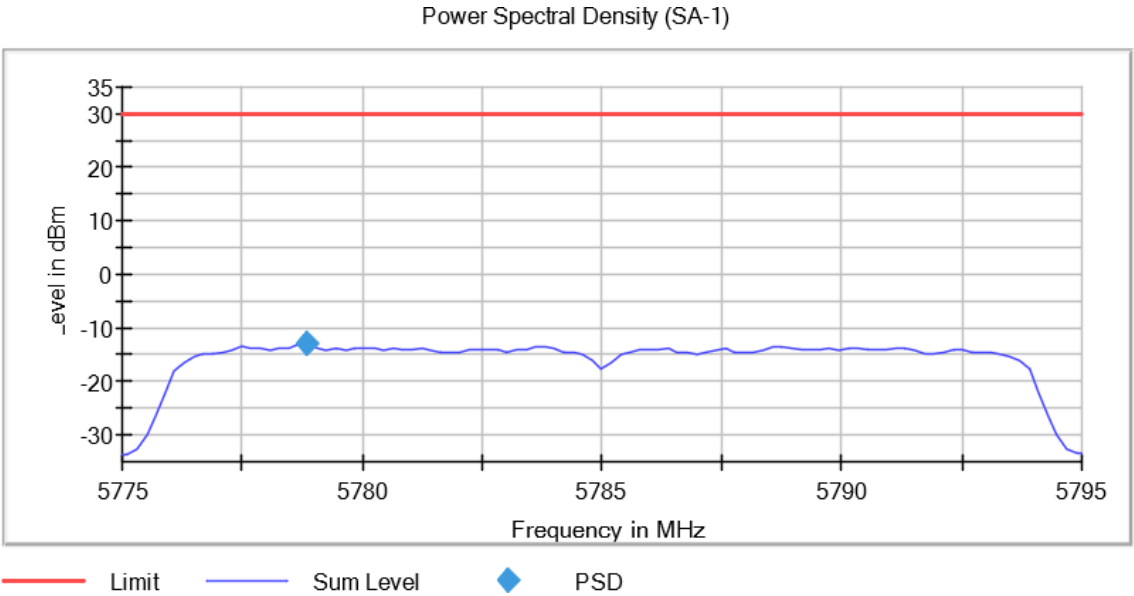
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5745.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

Images:



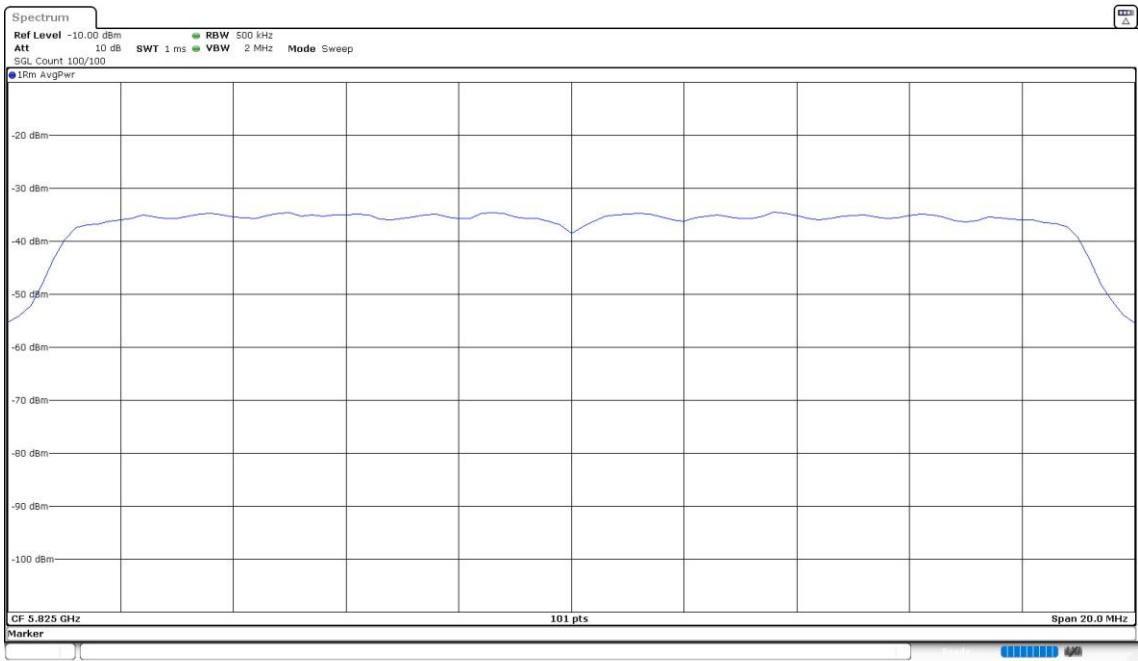
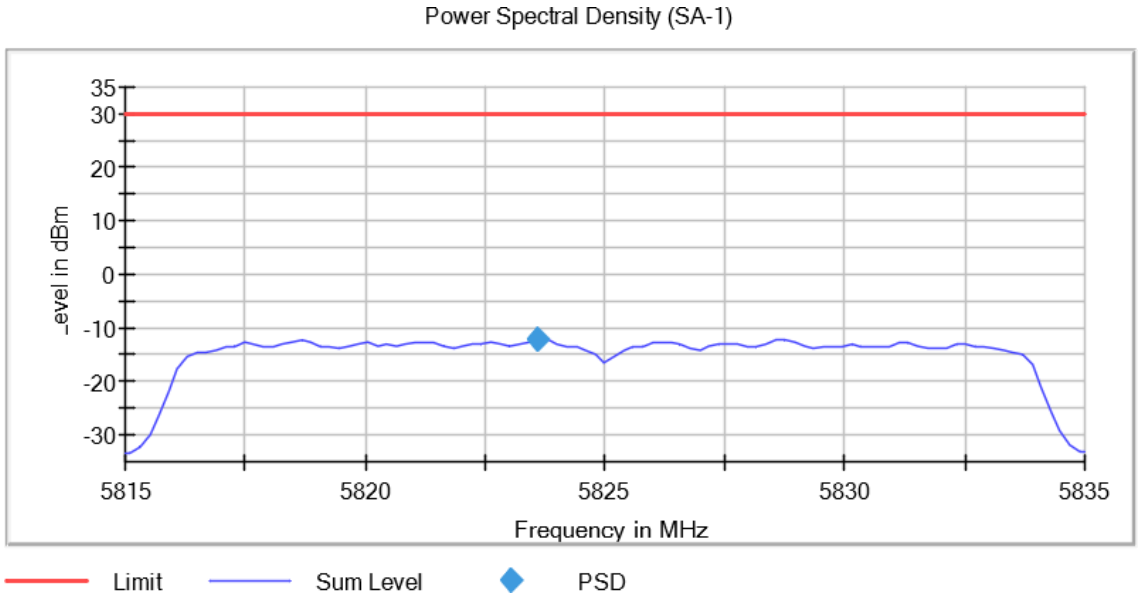
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5785.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

Images:



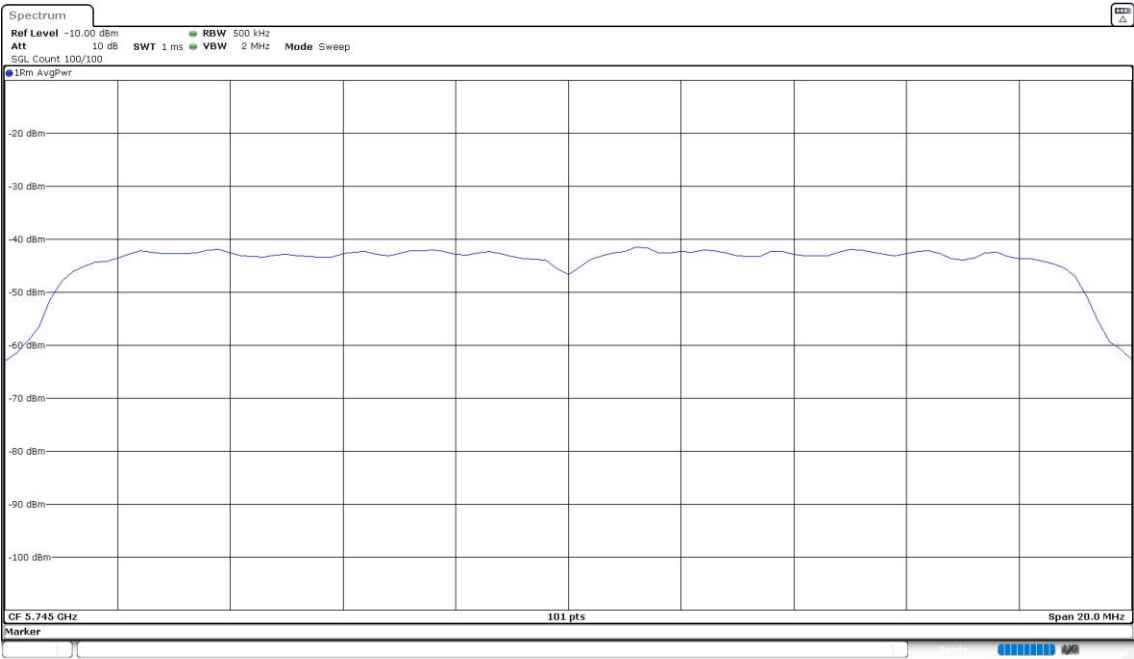
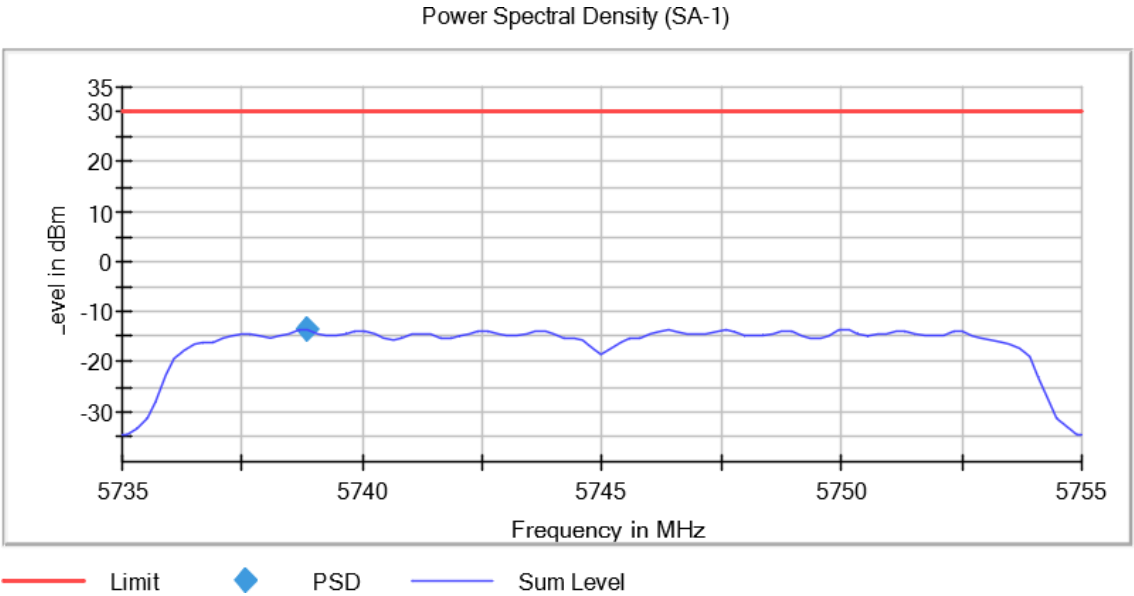
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5825.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

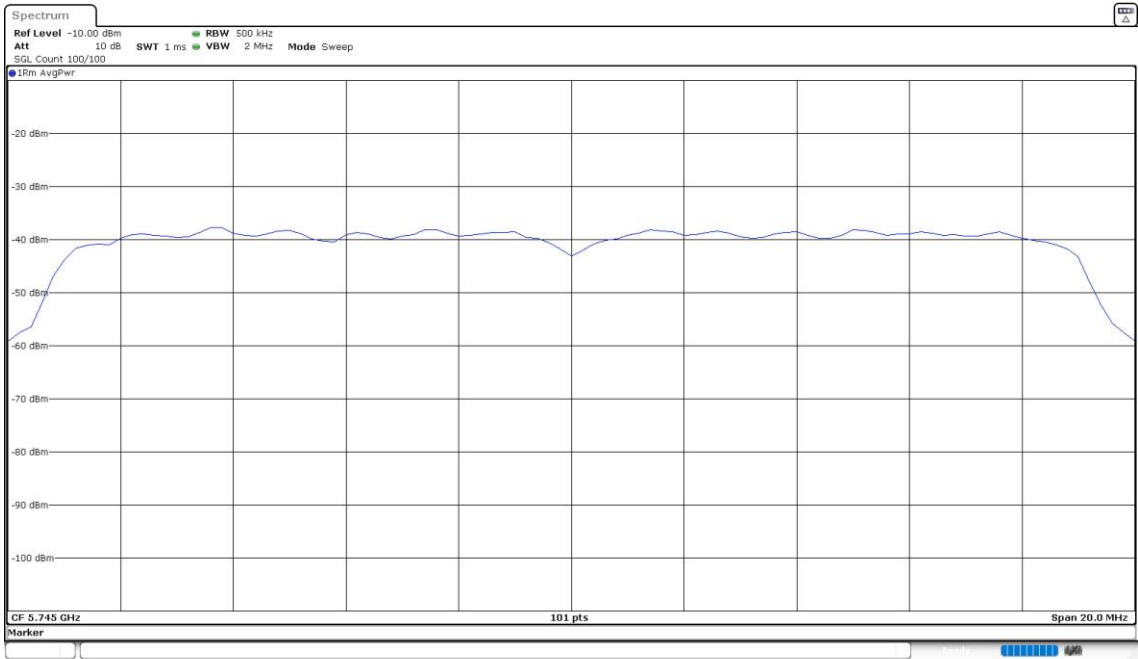
Images:



Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5745.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

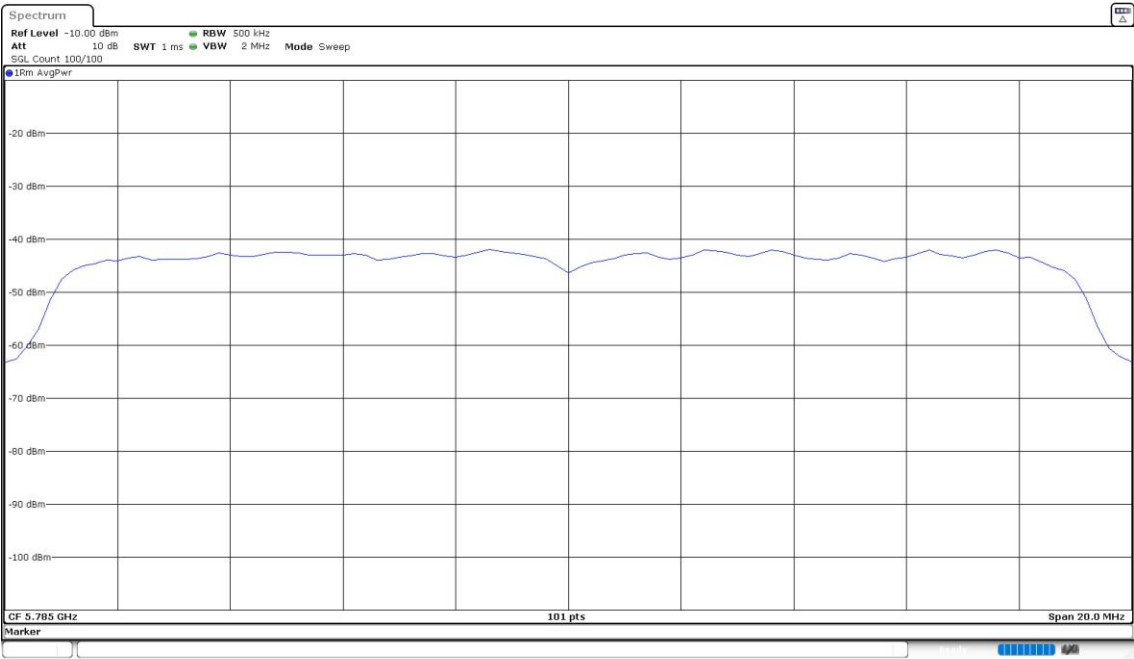
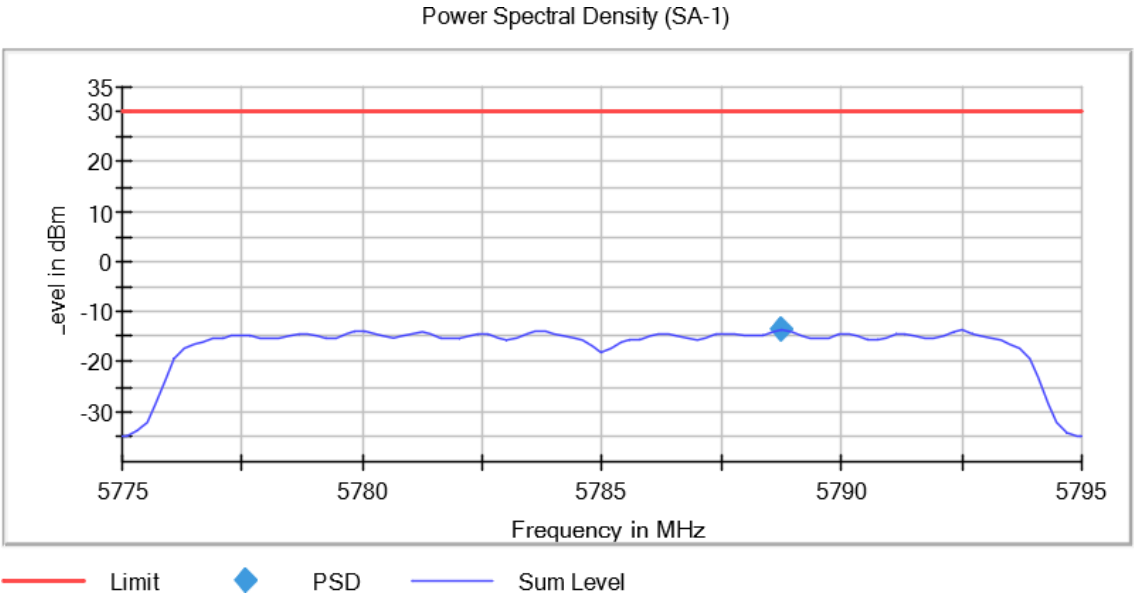
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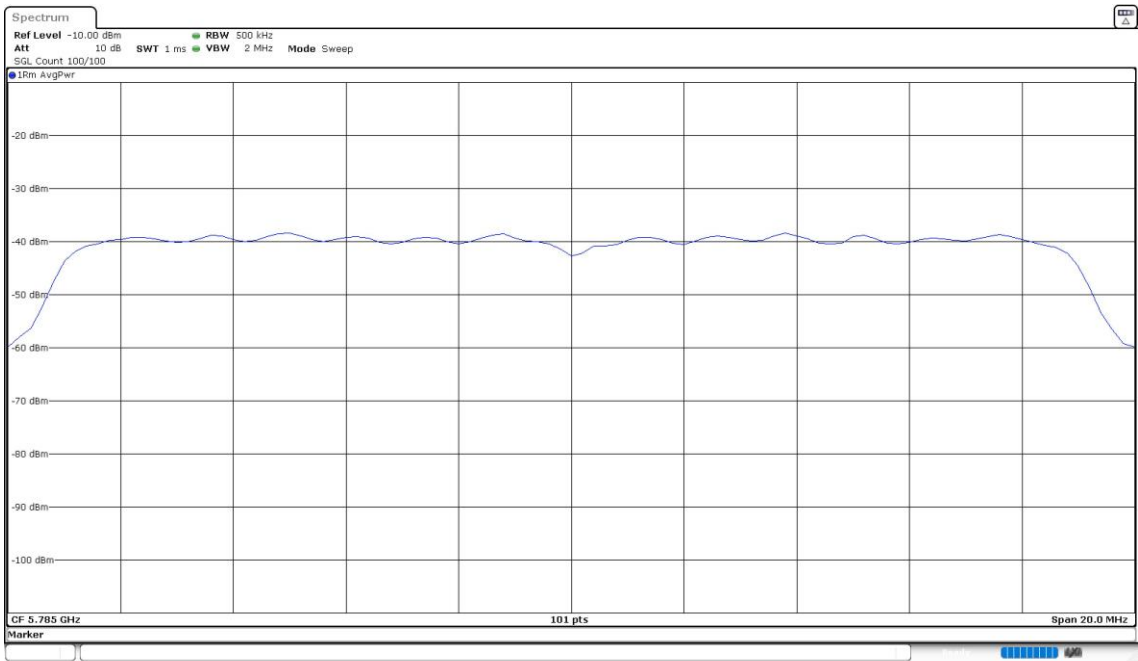




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5785.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

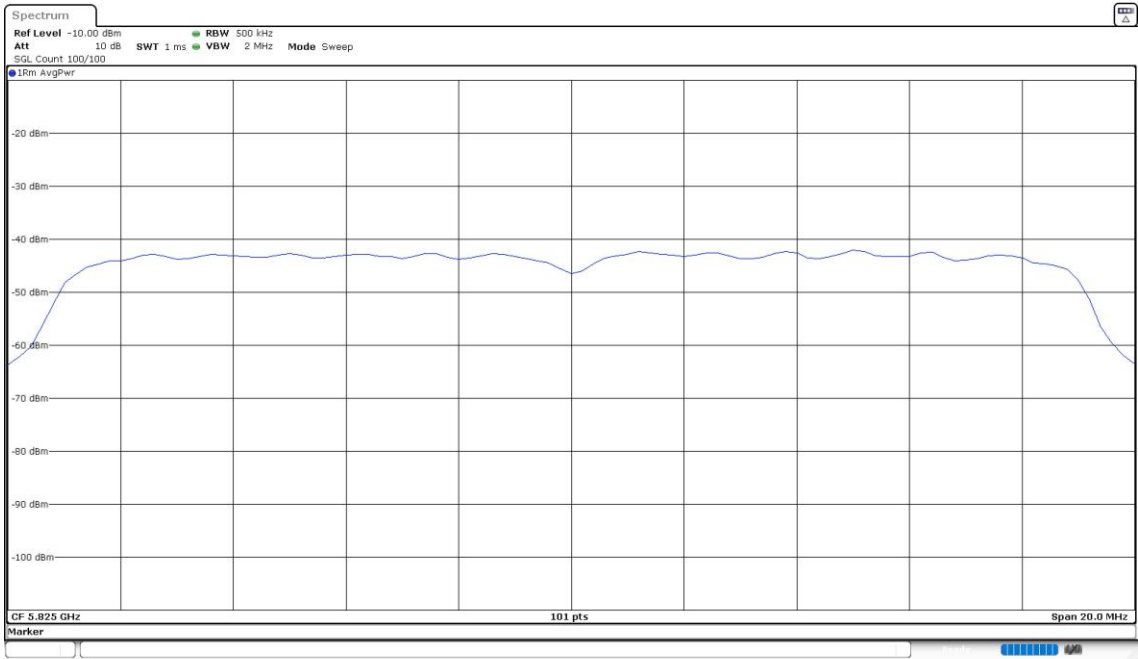
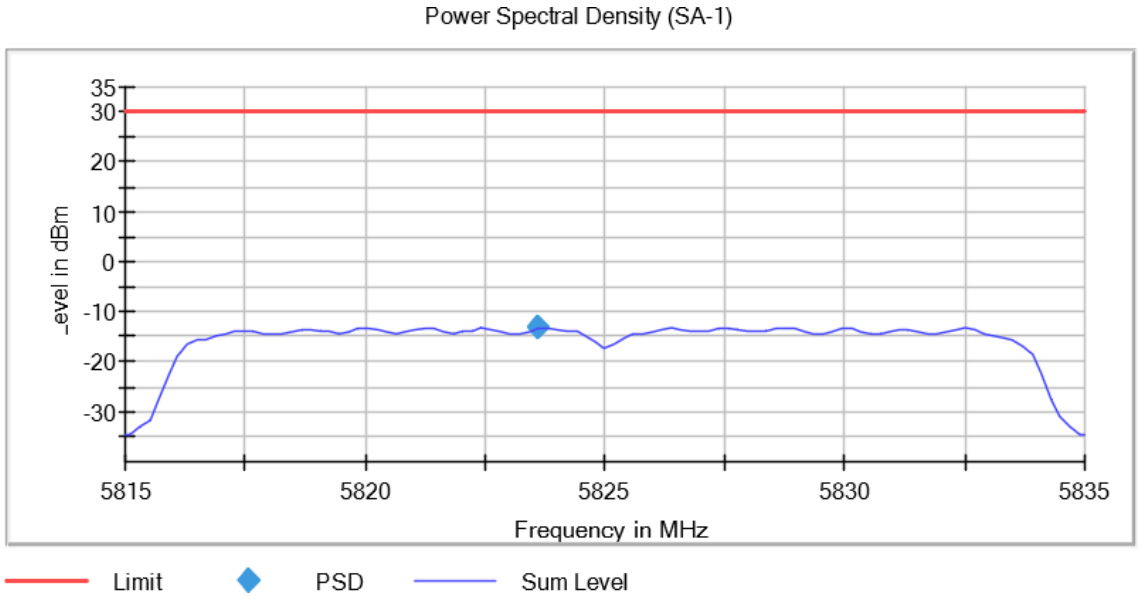
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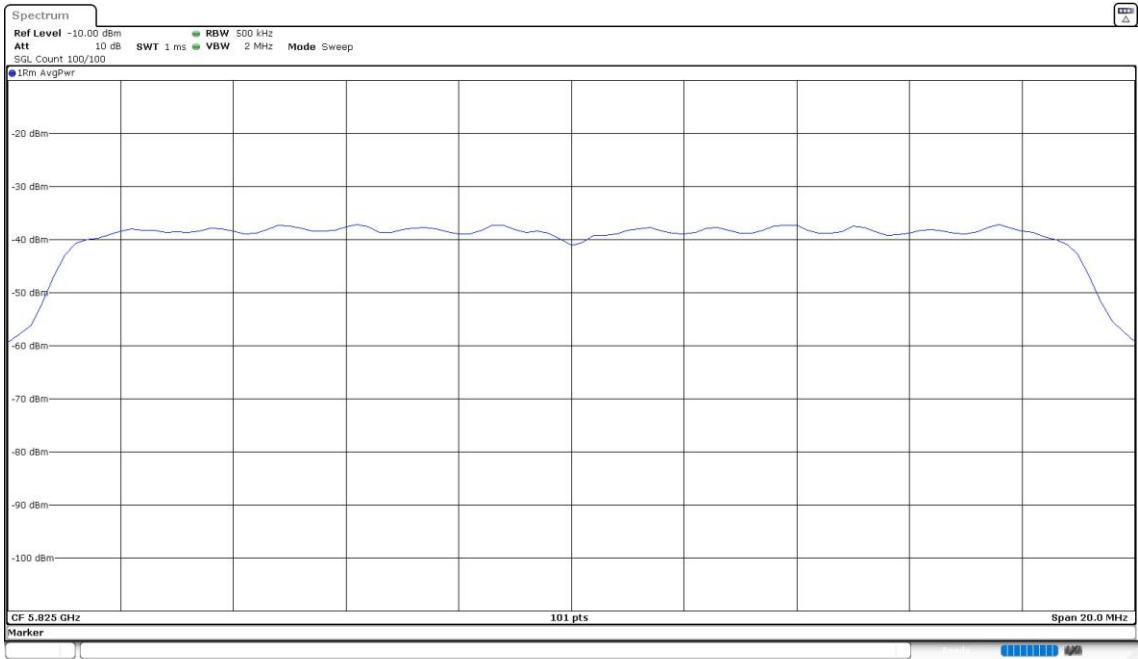




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5825.00000    Modulation = 802.11n HT20 (OFDM MCS0)  
TPC = No

Images:





Modulation: 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5755.00000 | No  | 5761.125000 | -14.81    |
|                      |      | 5795.00000 |     | 5797.375000 | -15.53    |
|                      | 1+2  | 5755.00000 |     | 5748.625000 | -15.81    |
|                      |      | 5795.00000 |     | 5799.875000 | -16.88    |

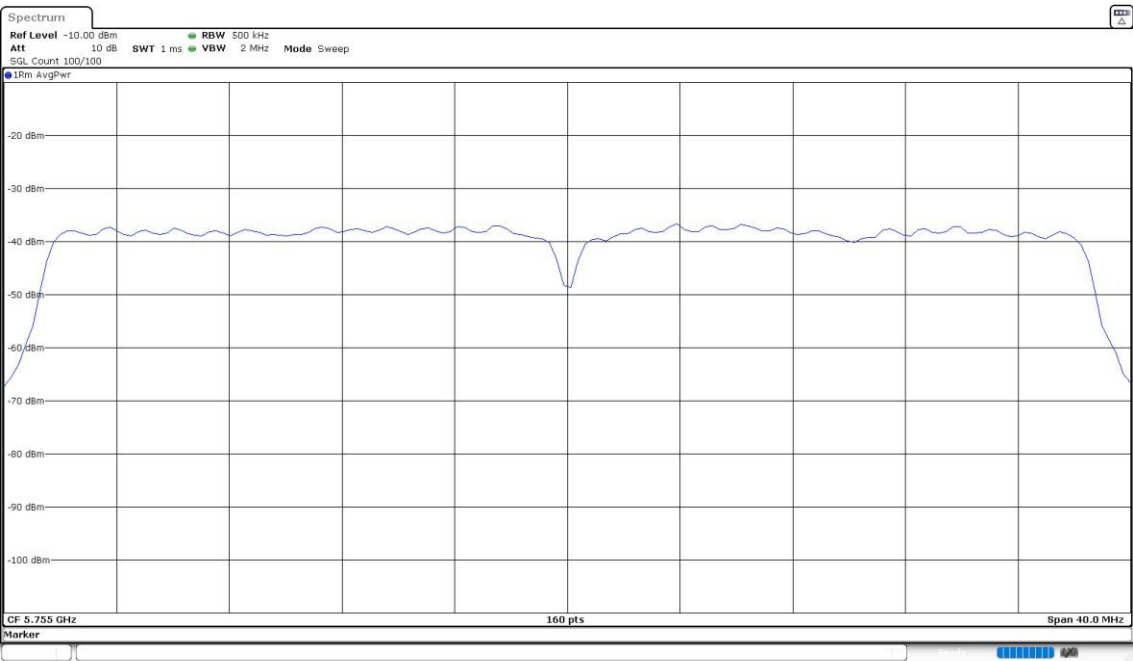
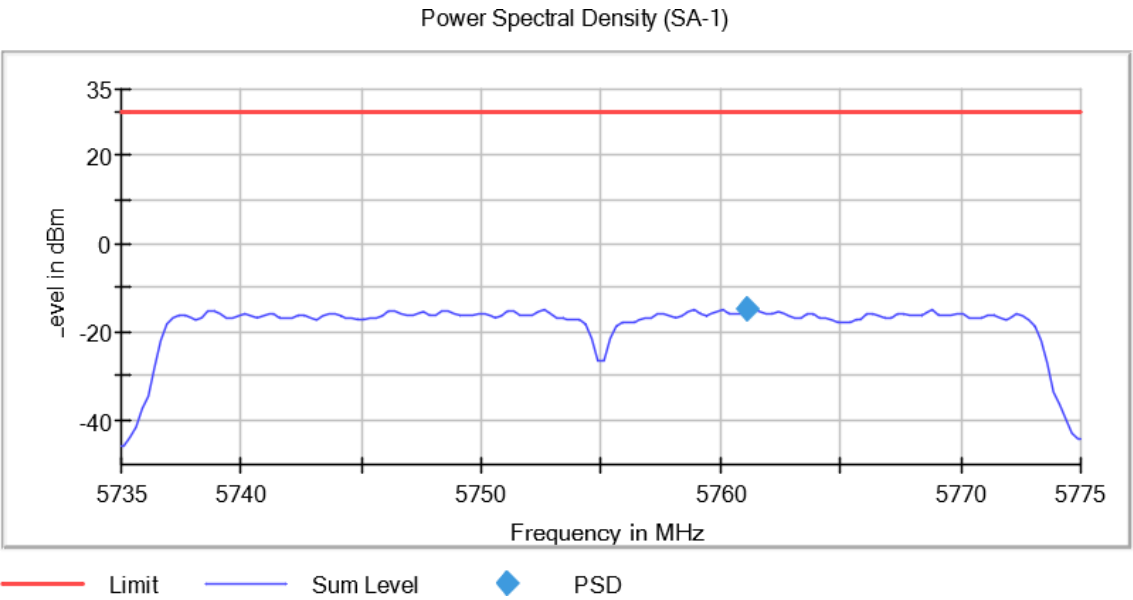
Verdict

Pass

Attachments

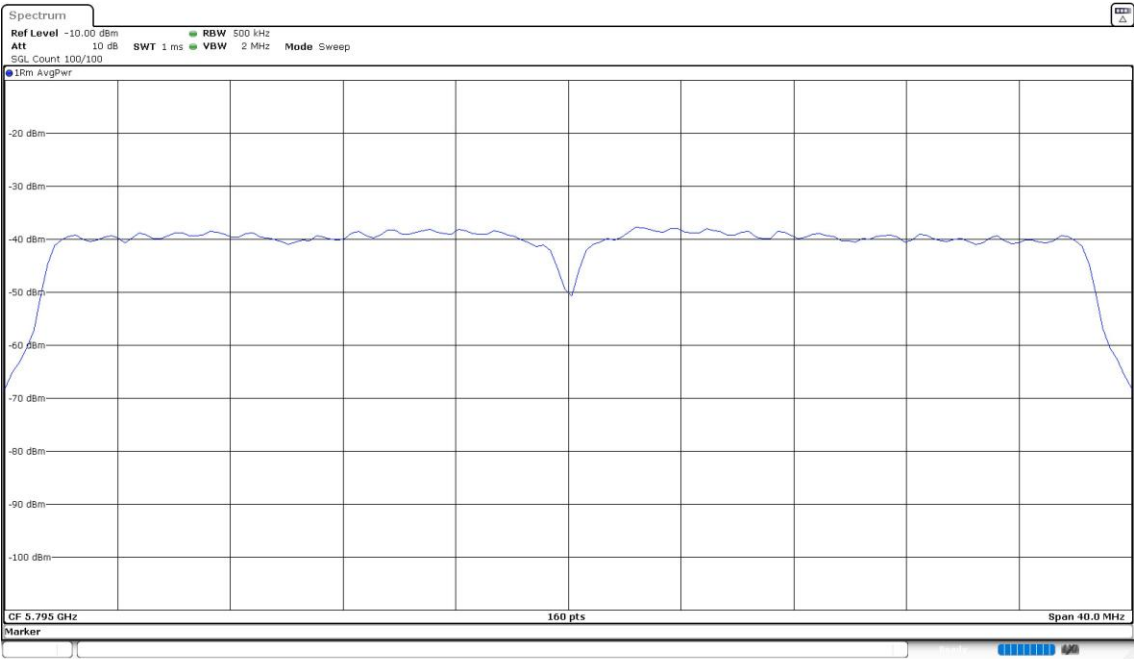
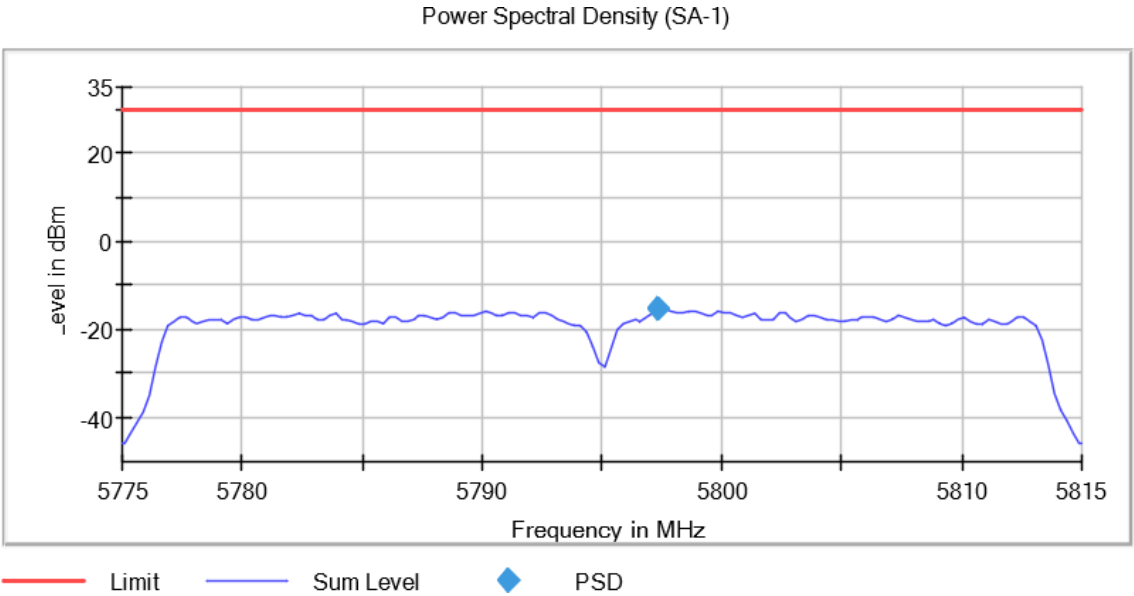
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5755.00000    Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)  
TPC = No

Images:



Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5795.00000    Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)  
TPC = No

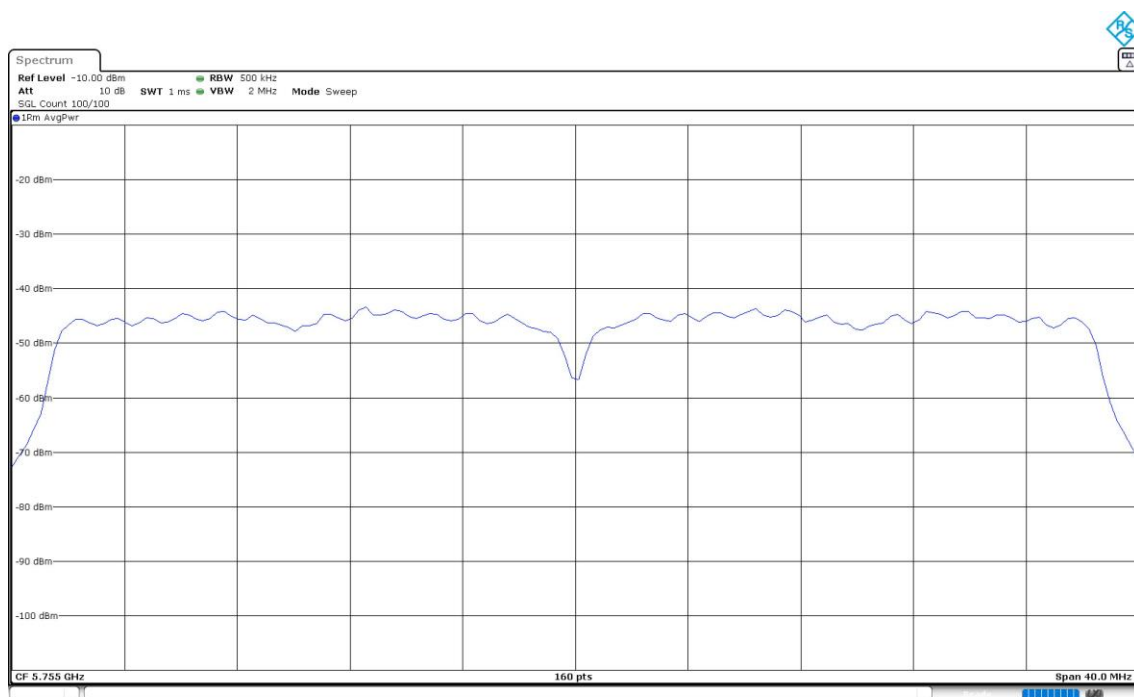
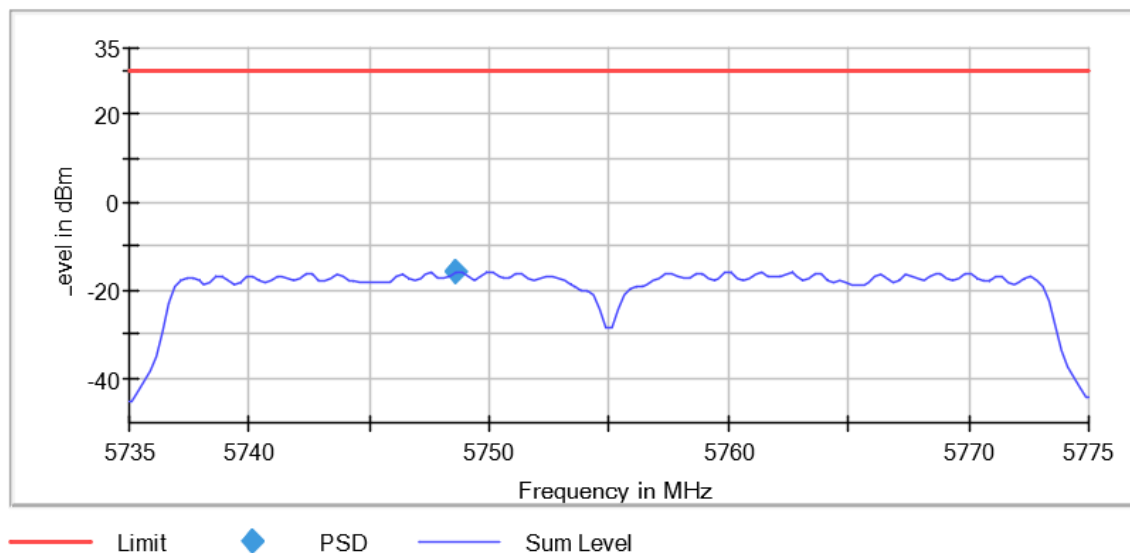
Images:

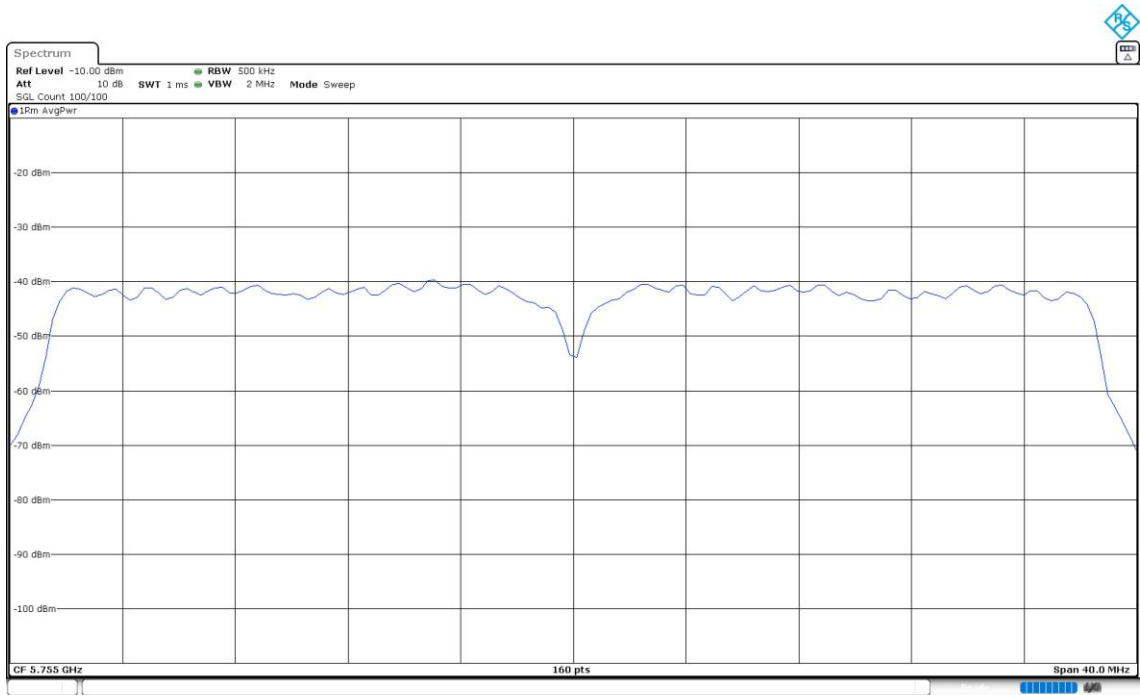


TPC = No

**Images:**

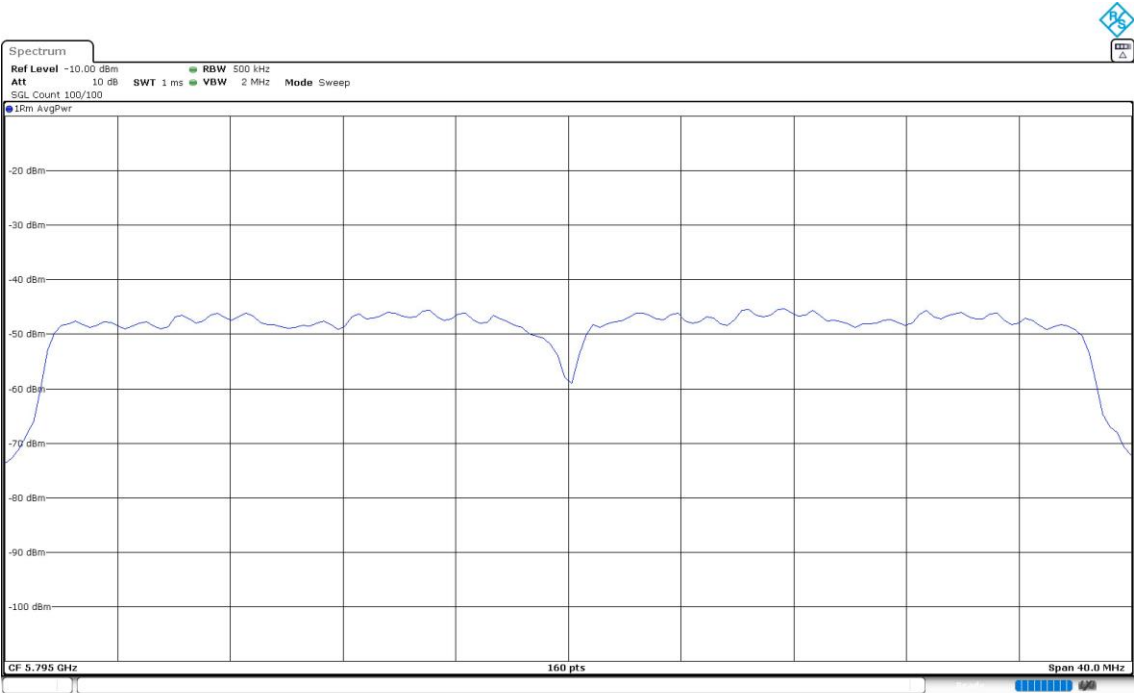
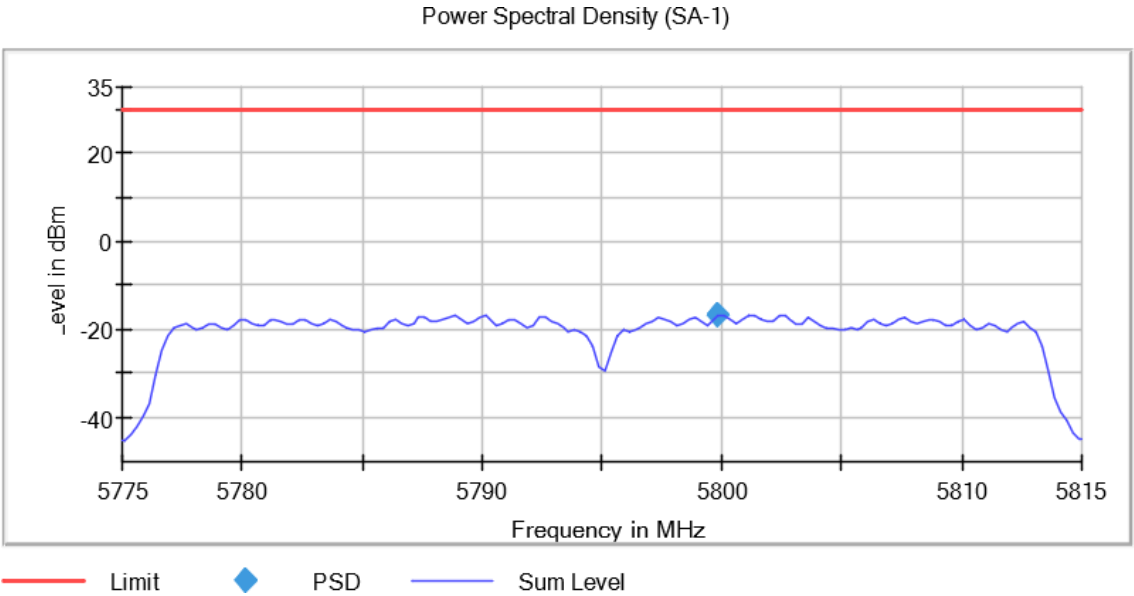
Power Spectral Density (SA-1)

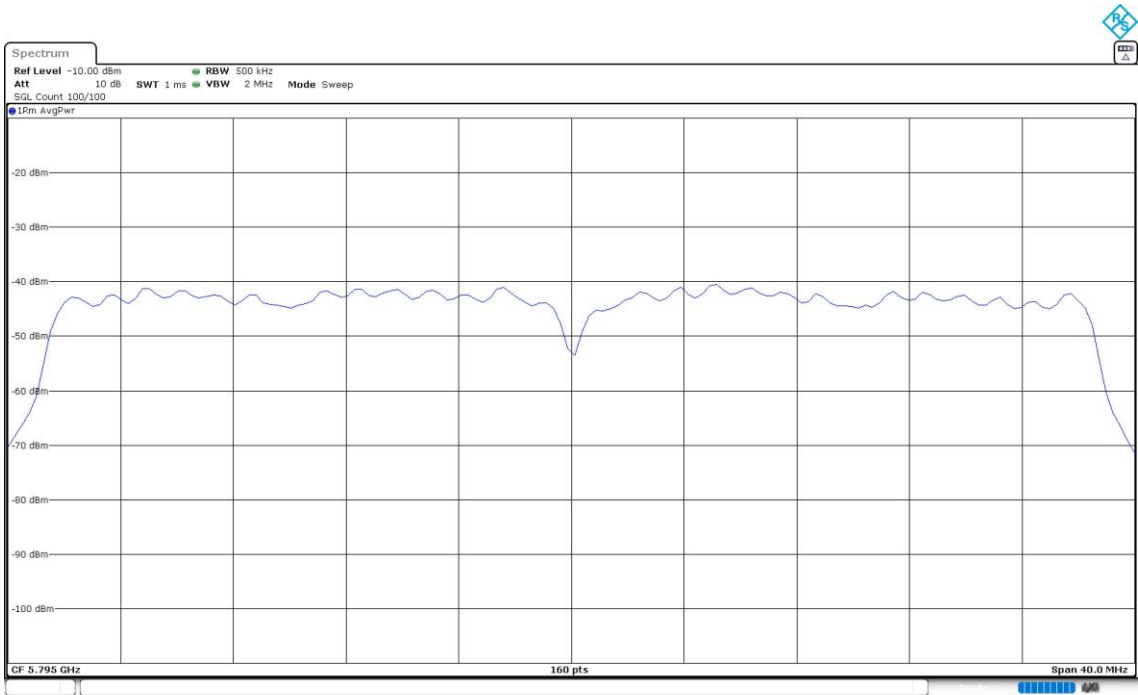




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5795.00000    Modulation = 802.11n HT40 (OFDM MCS0 13.5 Mbit/s)  
TPC = No

Images:





Modulation: 802.11ac VHT20 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5745.00000 | No  | 5738.663366 | -14.32    |
|                      |      | 5785.00000 |     | 5780.049505 | -14.23    |
|                      |      | 5825.00000 |     | 5818.663366 | -13.35    |
|                      | 1+2  | 5745.00000 |     | 5738.861386 | -14.58    |
|                      |      | 5785.00000 |     | 5789.950495 | -14.76    |
|                      |      | 5825.00000 |     | 5821.237624 | -13.94    |

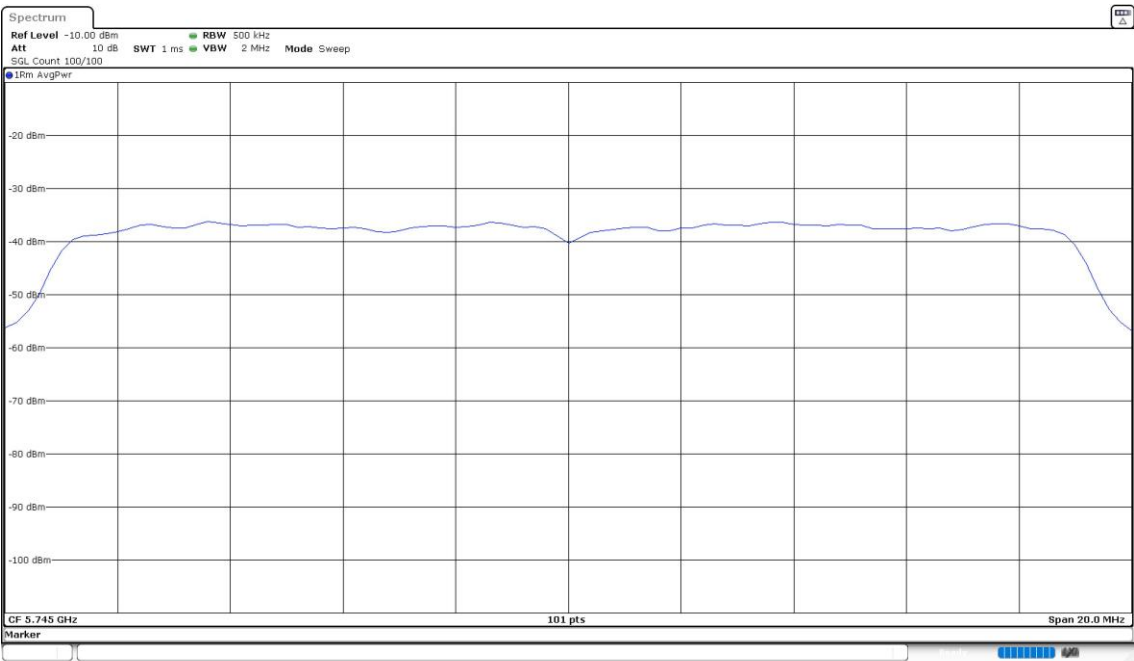
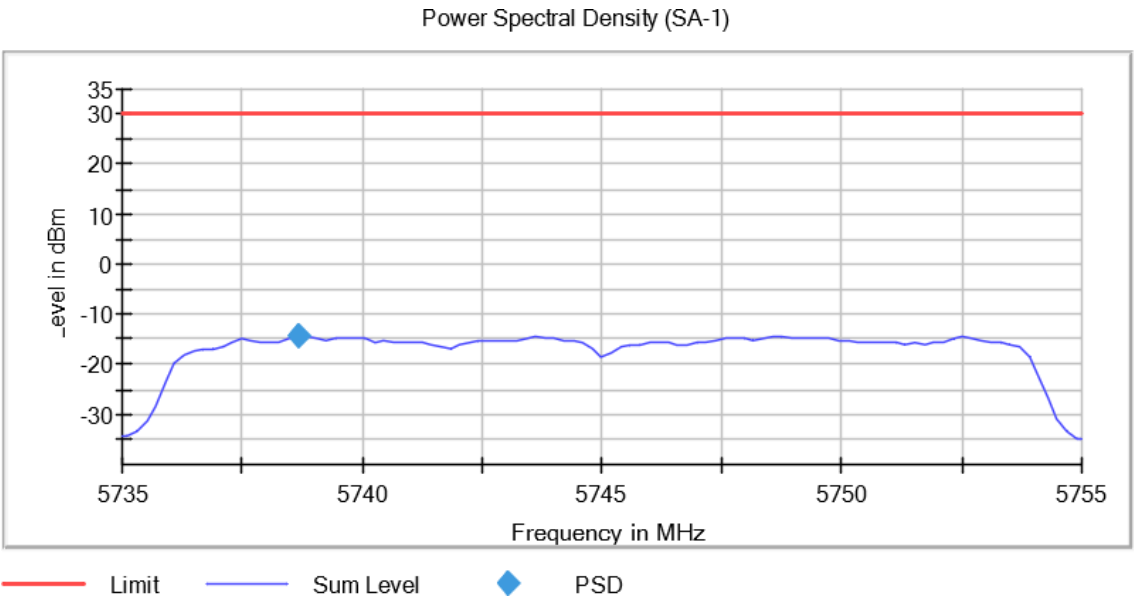
Verdict

Pass

Attachments

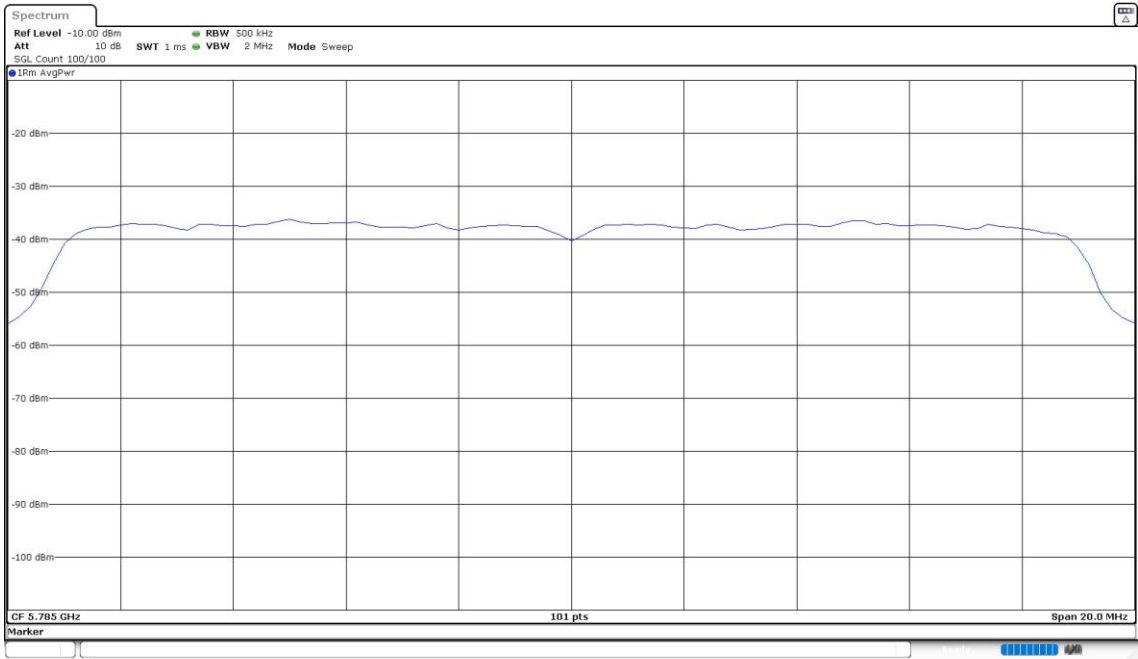
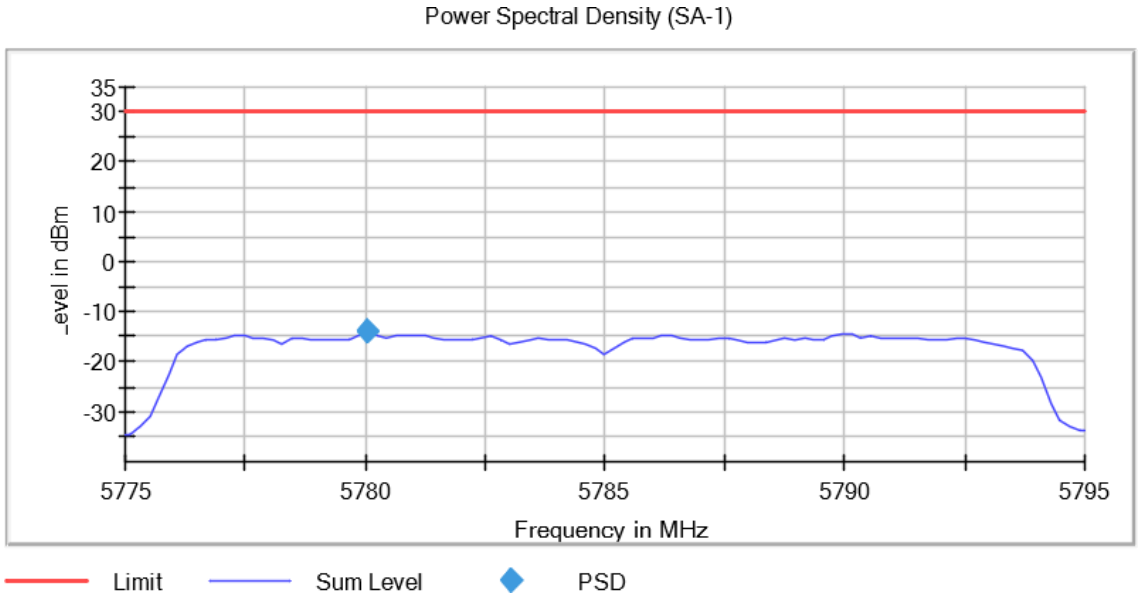
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5745.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

Images:



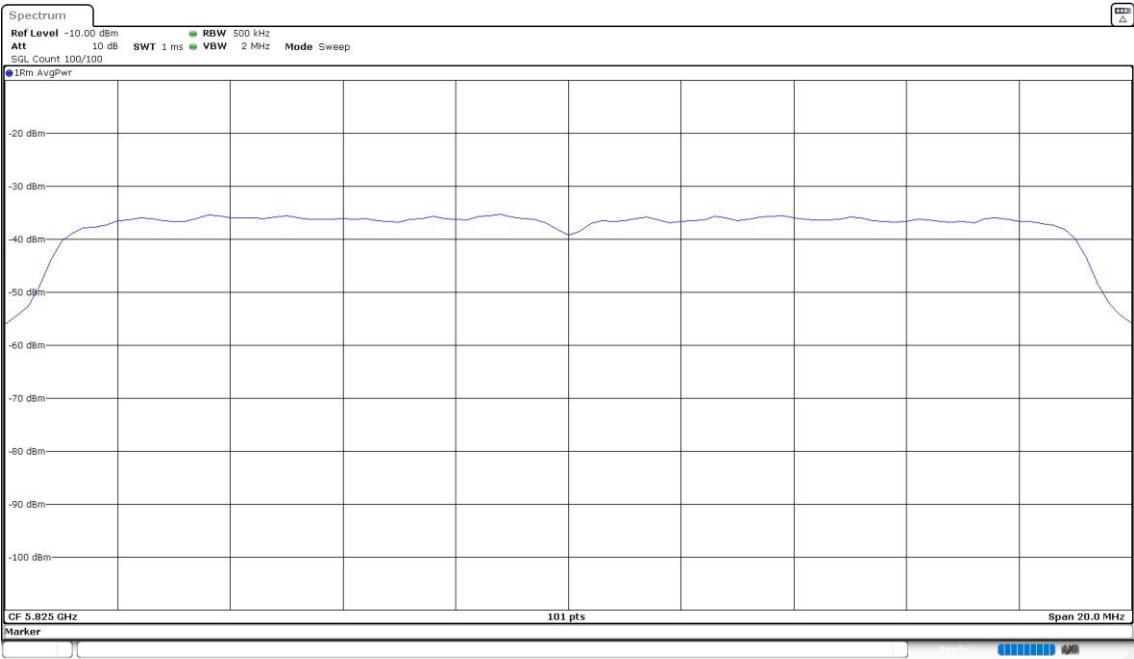
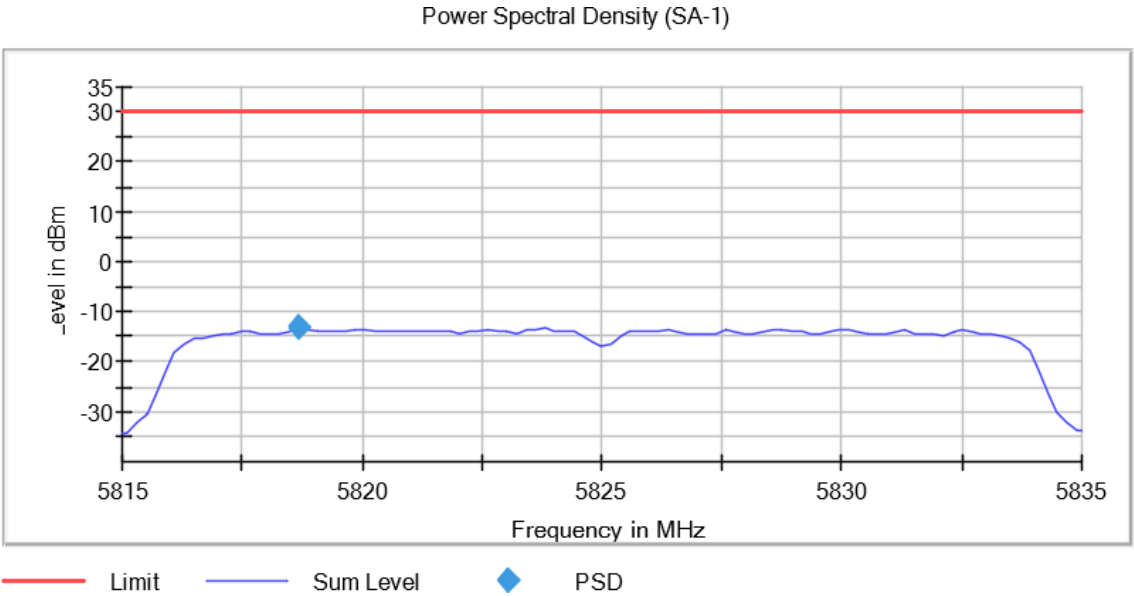
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5785.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

Images:



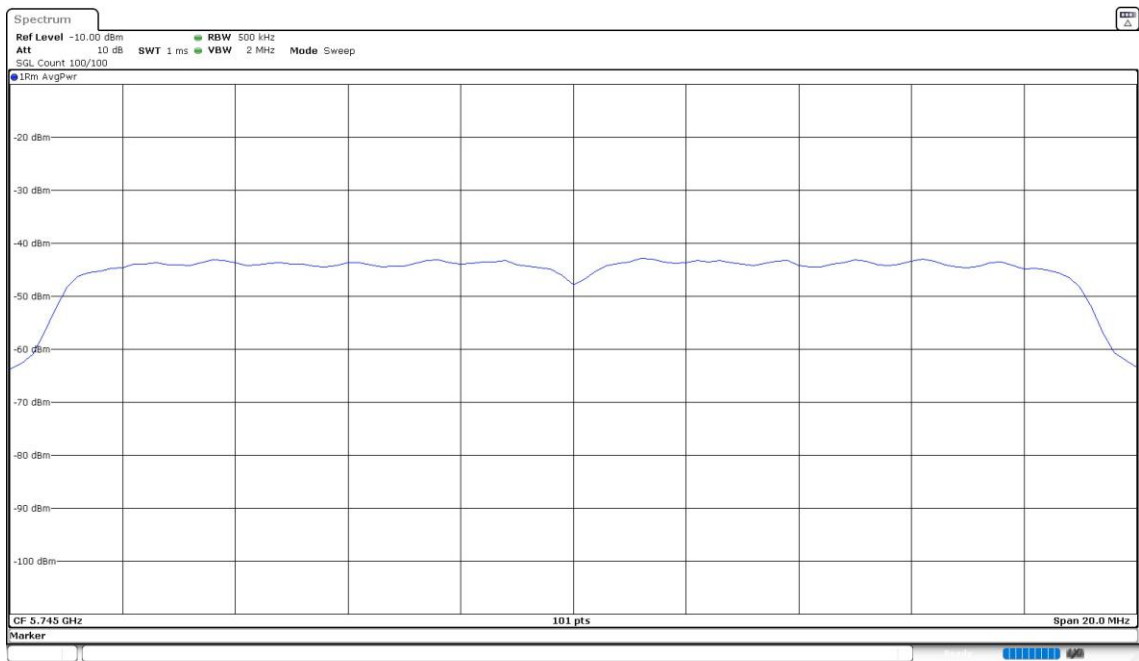
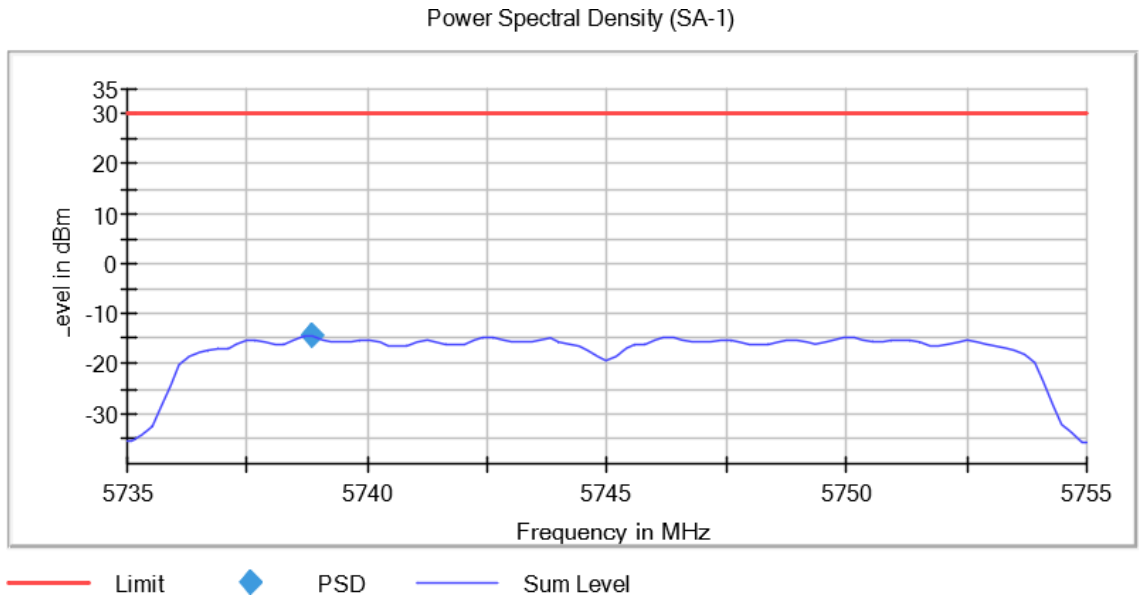
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5825.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

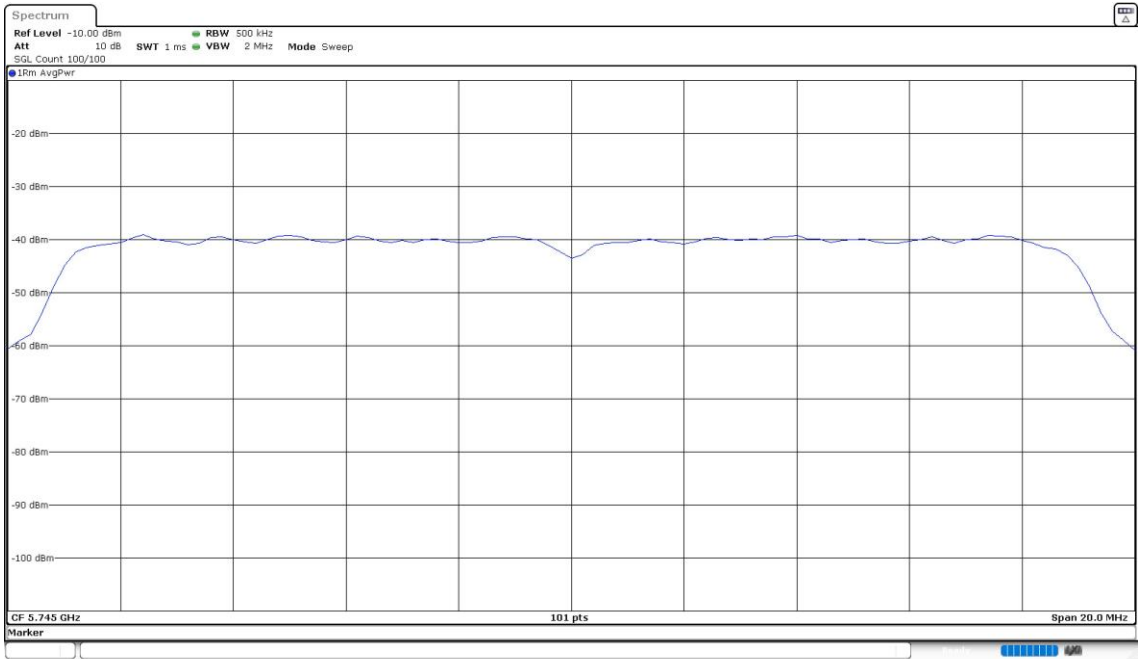
Images:



Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5745.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

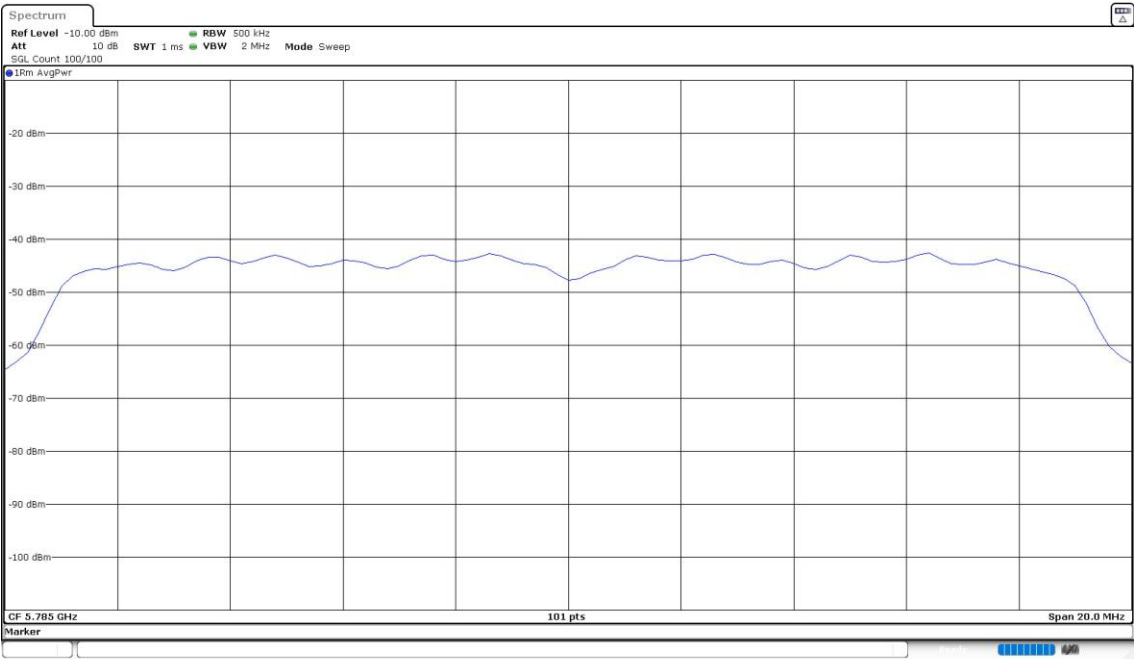
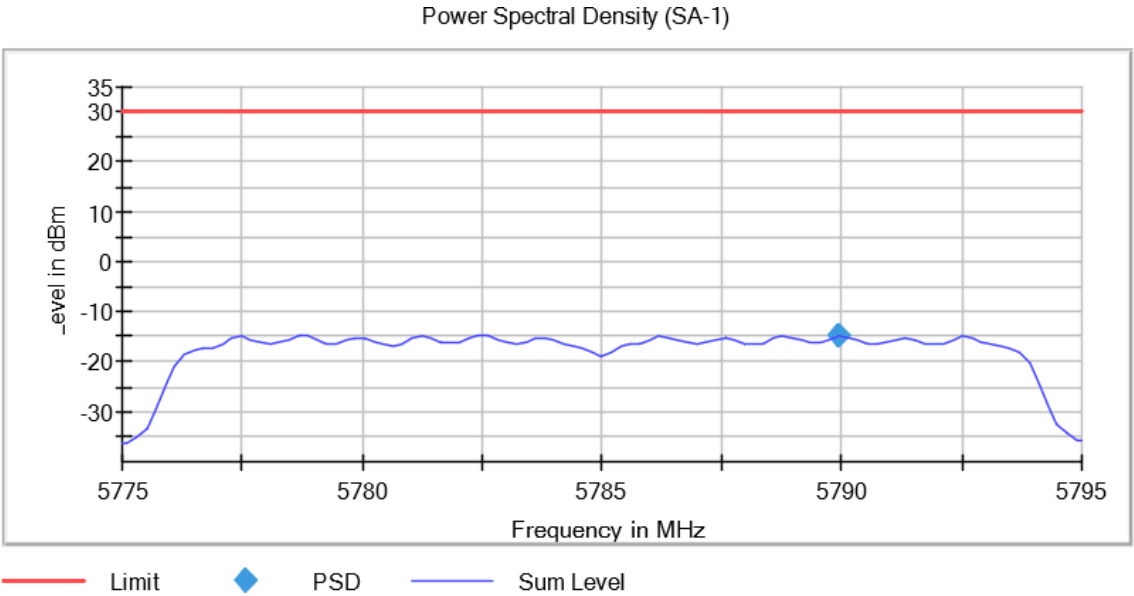
Images:

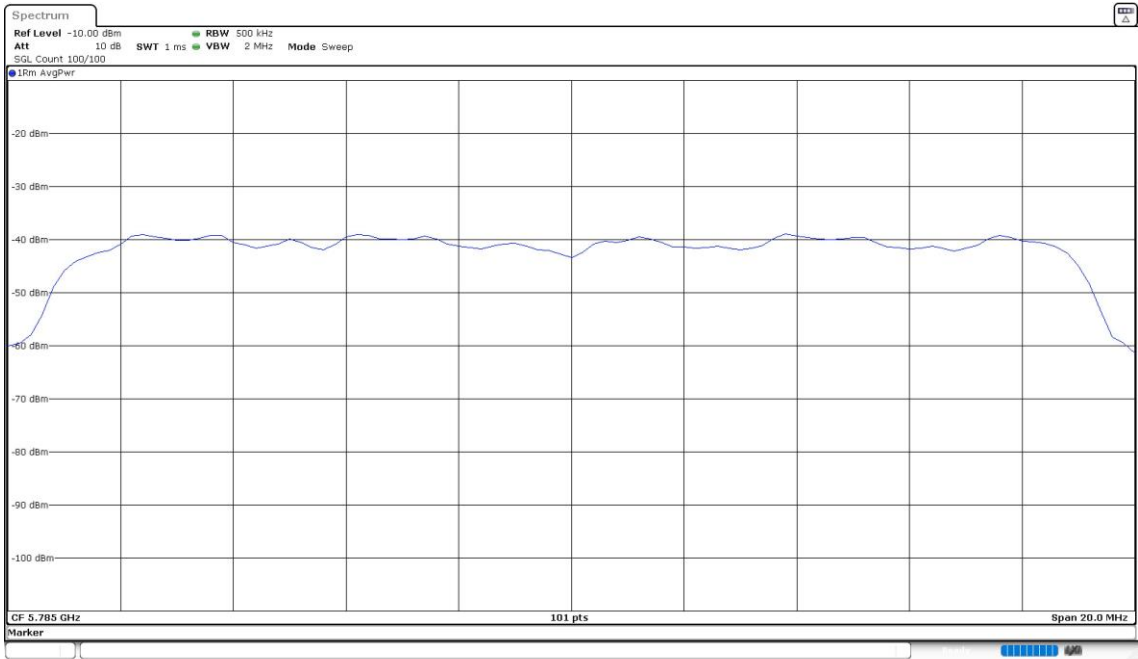




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5785.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

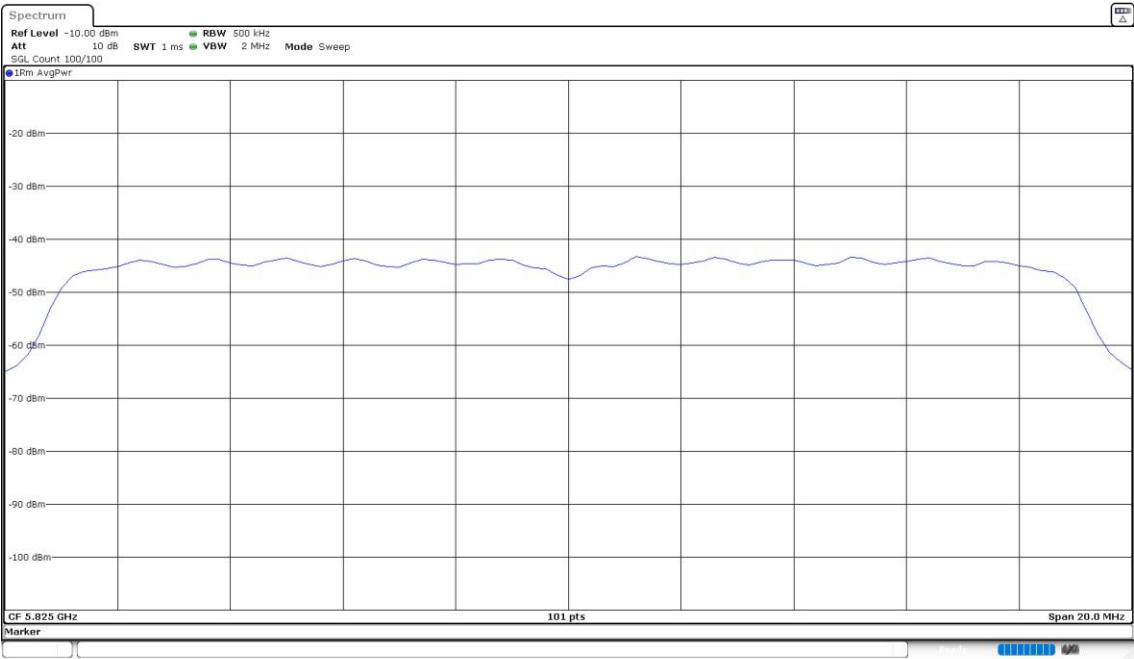
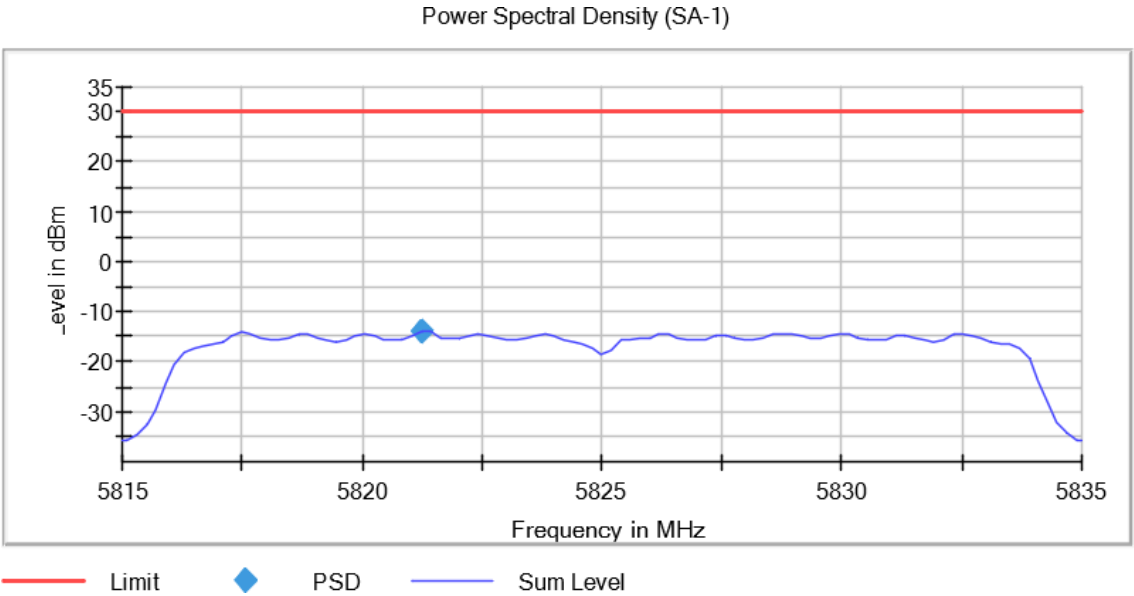
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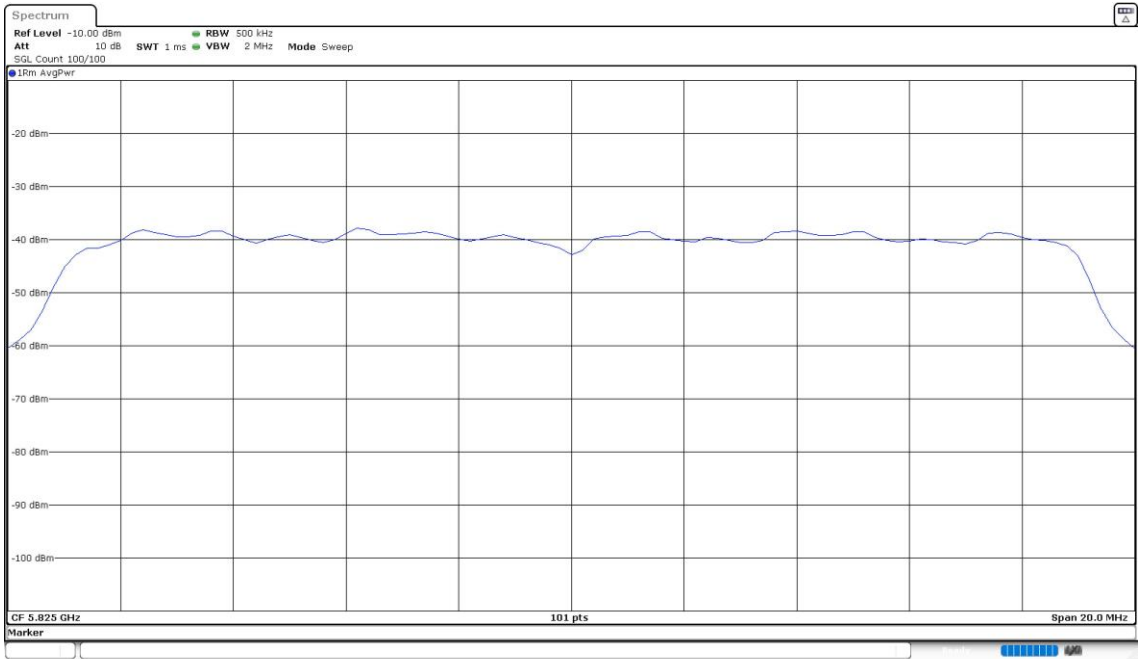




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5825.00000    Modulation = 802.11ac VHT20 (OFDM MCS0)  
TPC = No

Images:





Modulation: 802.11ac VHT40 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5755.00000 | No  | 5762.625000 | -18.84    |
|                      |      | 5795.00000 |     | 5797.625000 | -18.38    |
|                      | 1+2  | 5755.00000 |     | 5760.125000 | -19.77    |
|                      |      | 5795.00000 |     | 5799.875000 | -19.63    |

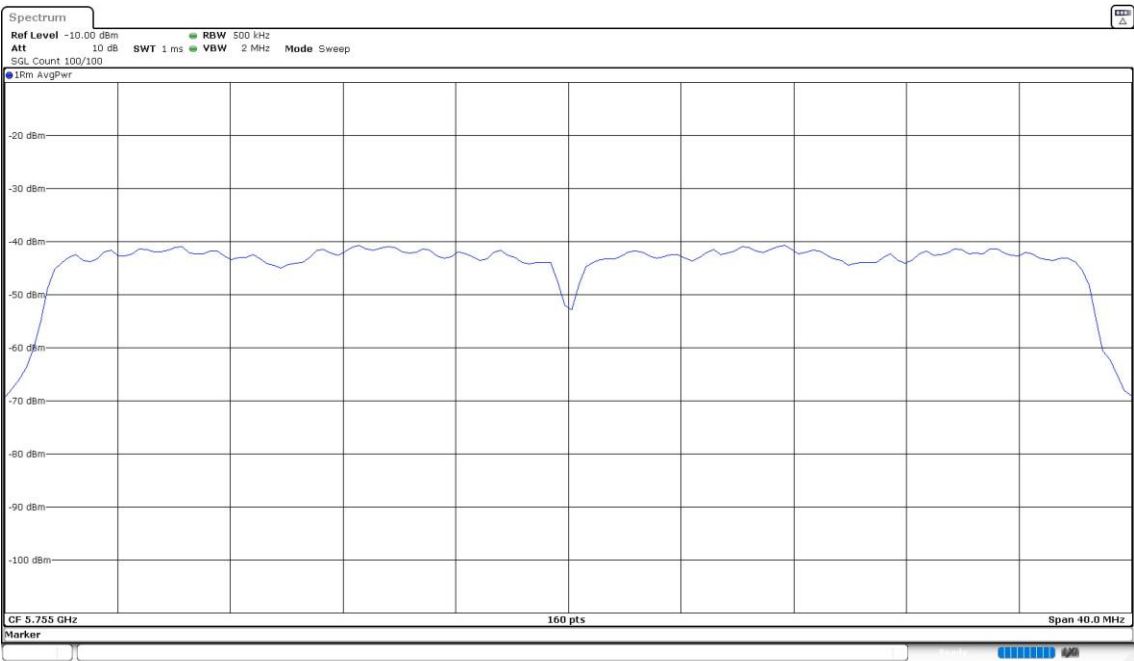
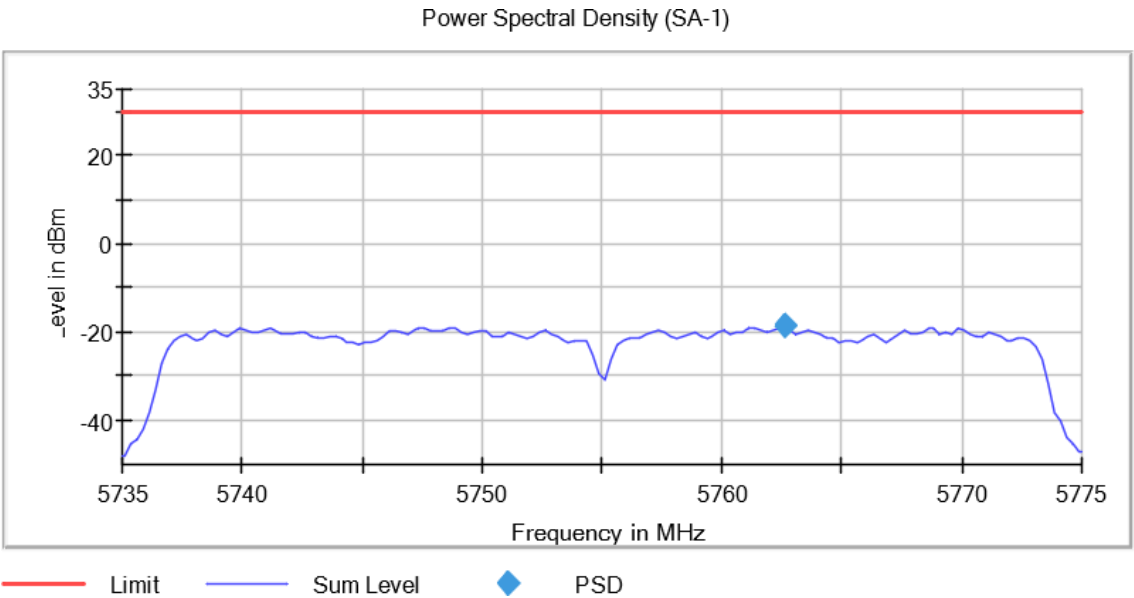
Verdict

Pass

Attachments

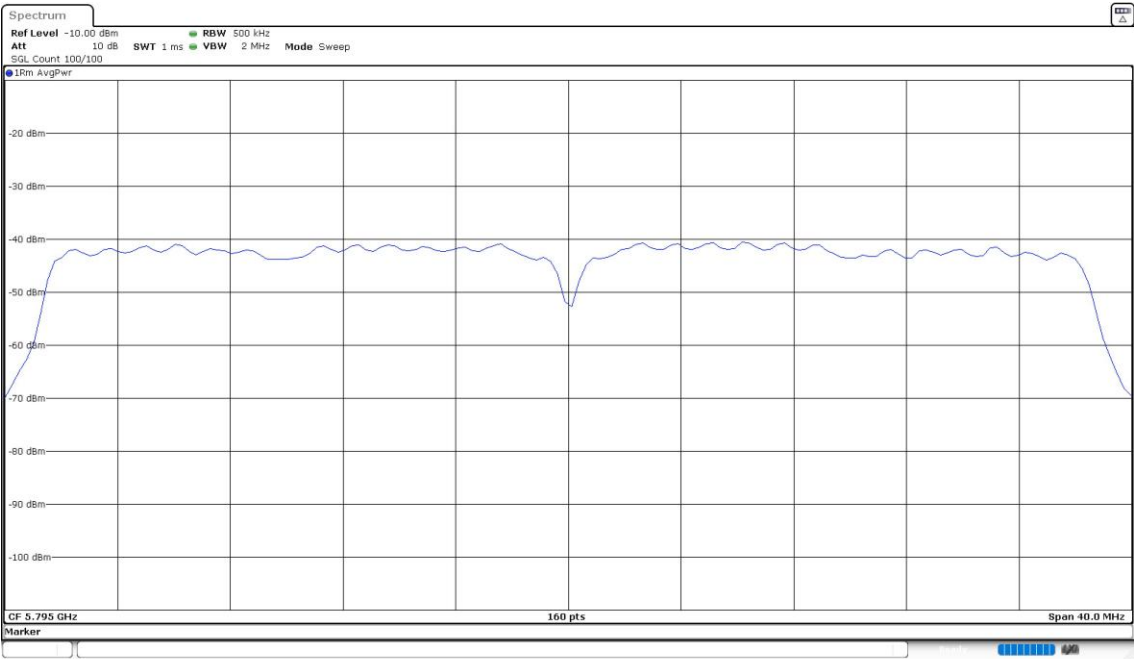
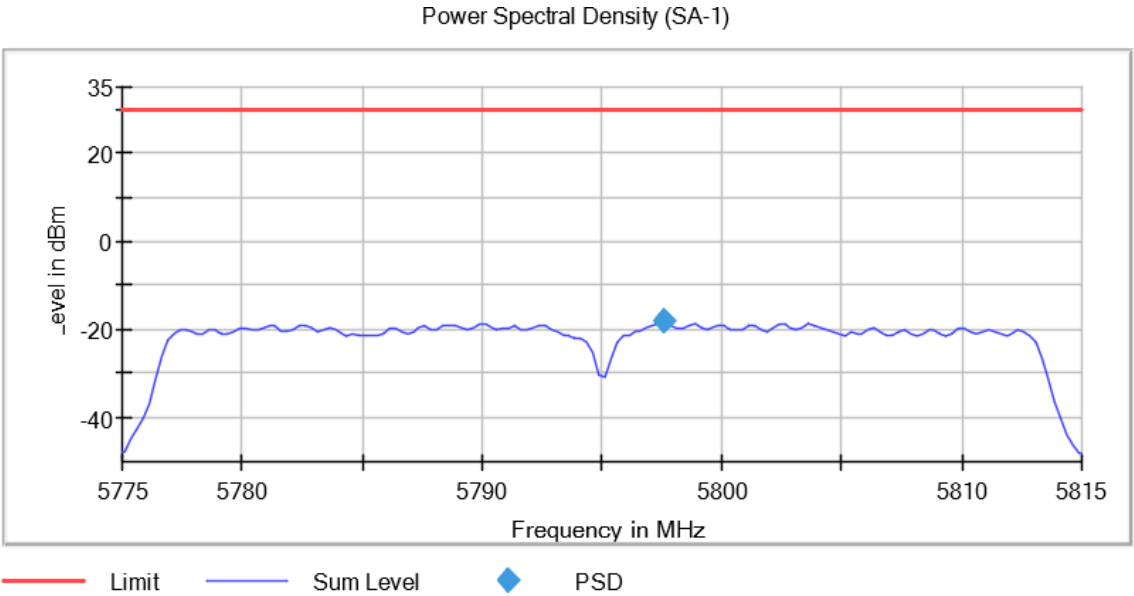
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Frequency MHz = 5755.00000    Modulation = 802.11ac VHT40 (OFDM MCS0)  
TPC = No

Images:



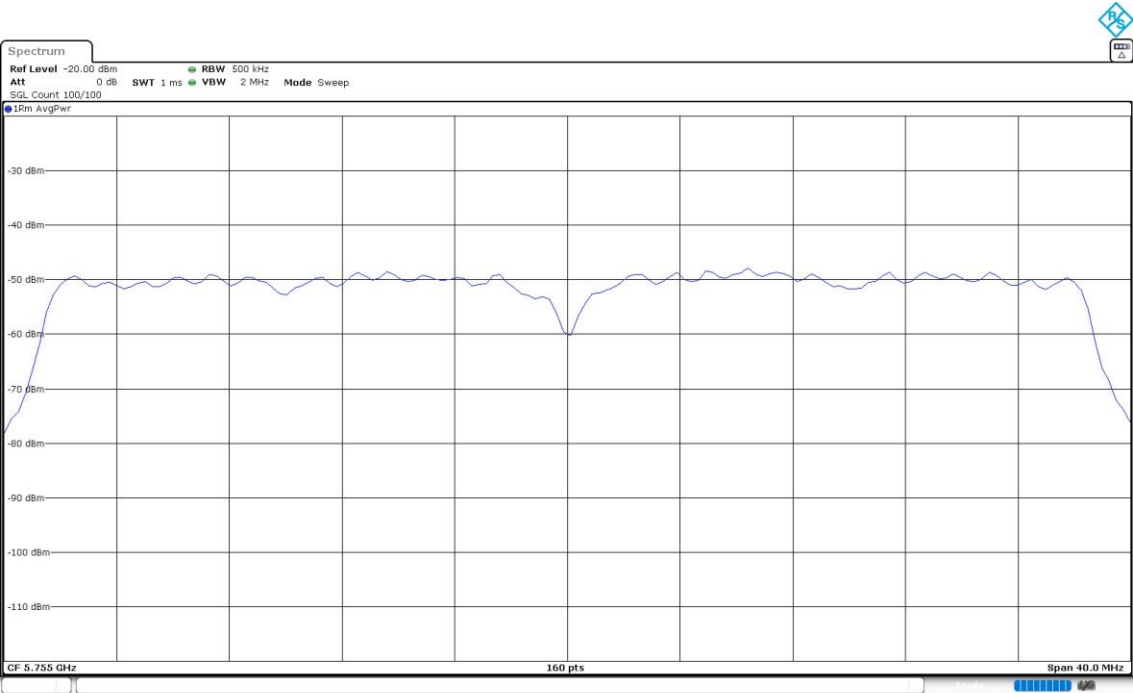
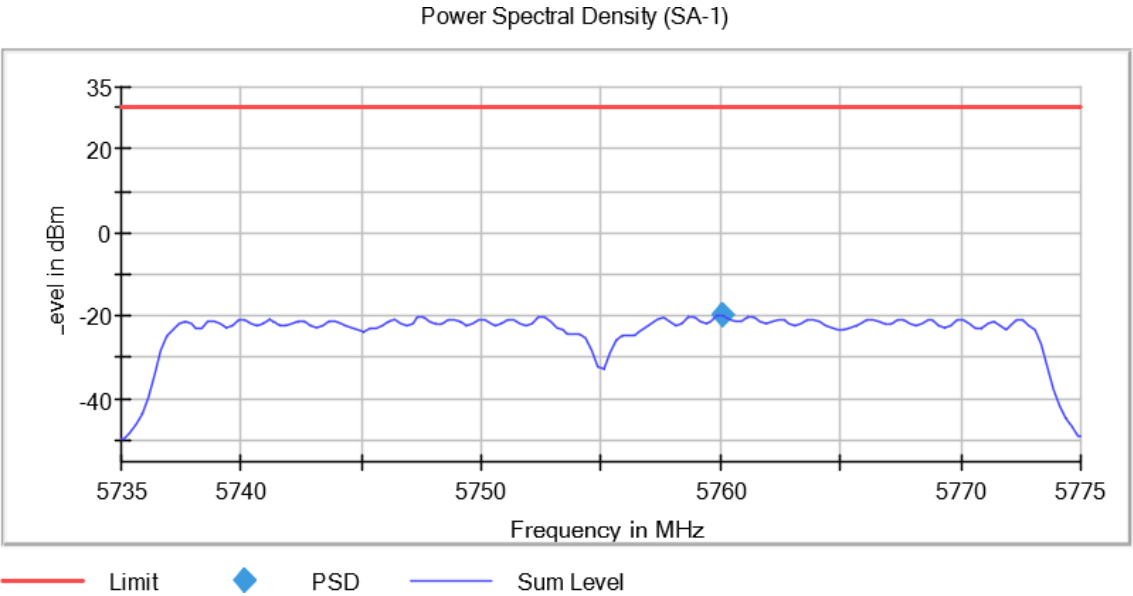
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5795.00000    Modulation = 802.11ac VHT40 (OFDM MCS0)  
TPC = No

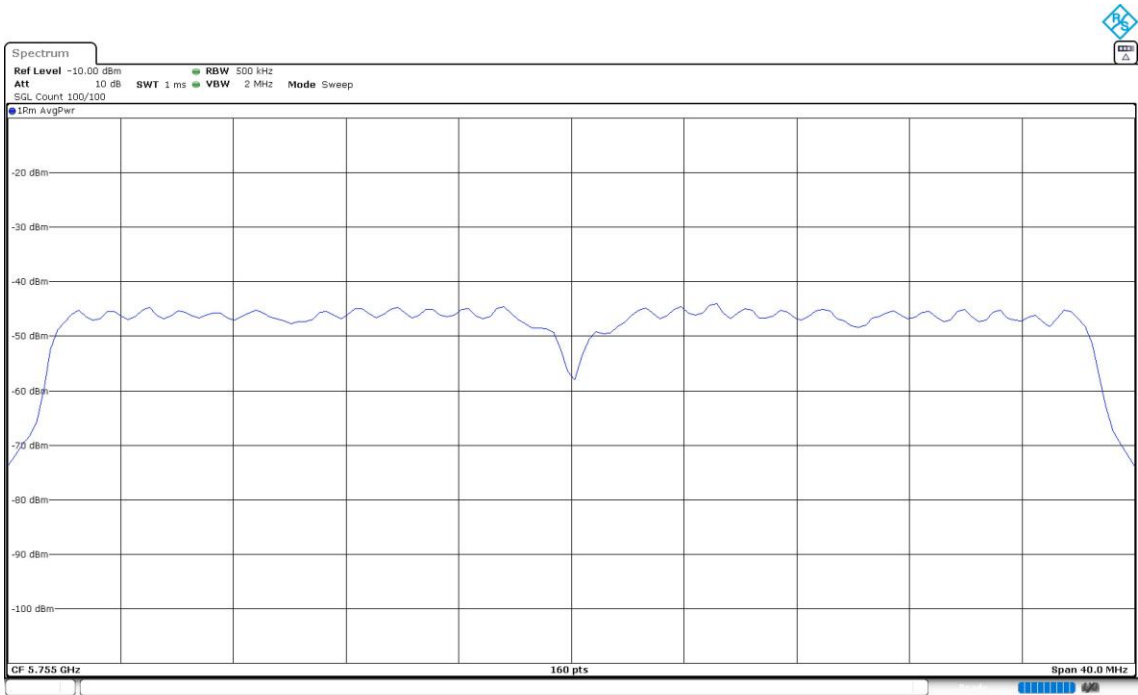
Images:



Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5755.00000    Modulation = 802.11ac VHT40 (OFDM MCS0)  
TPC = No

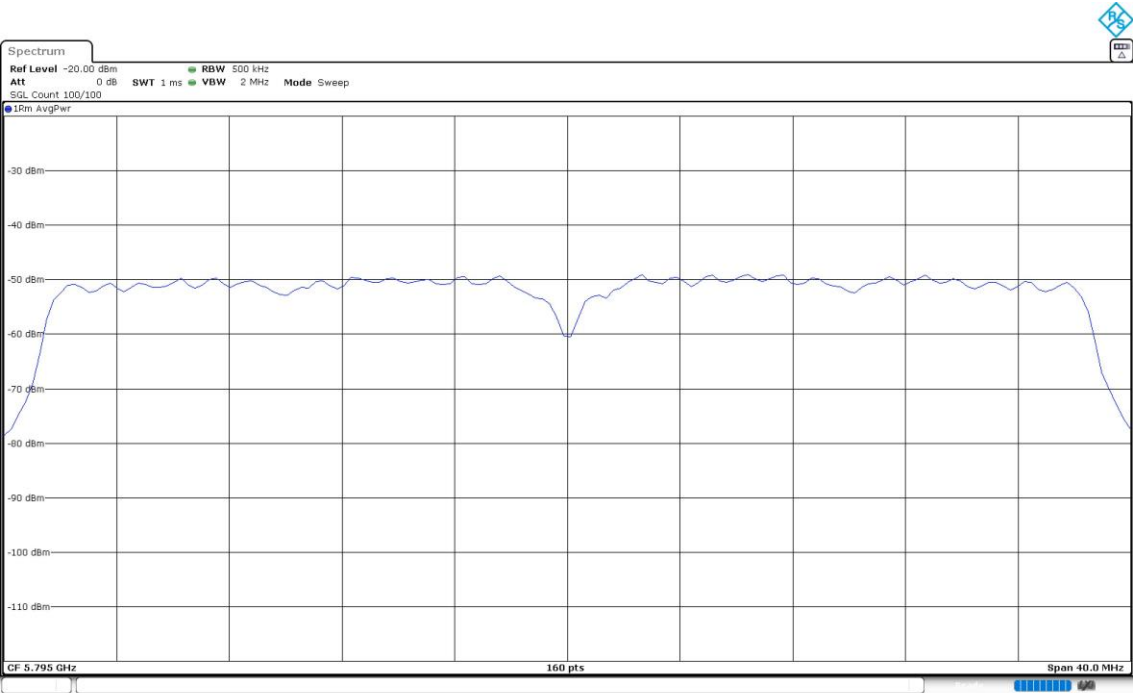
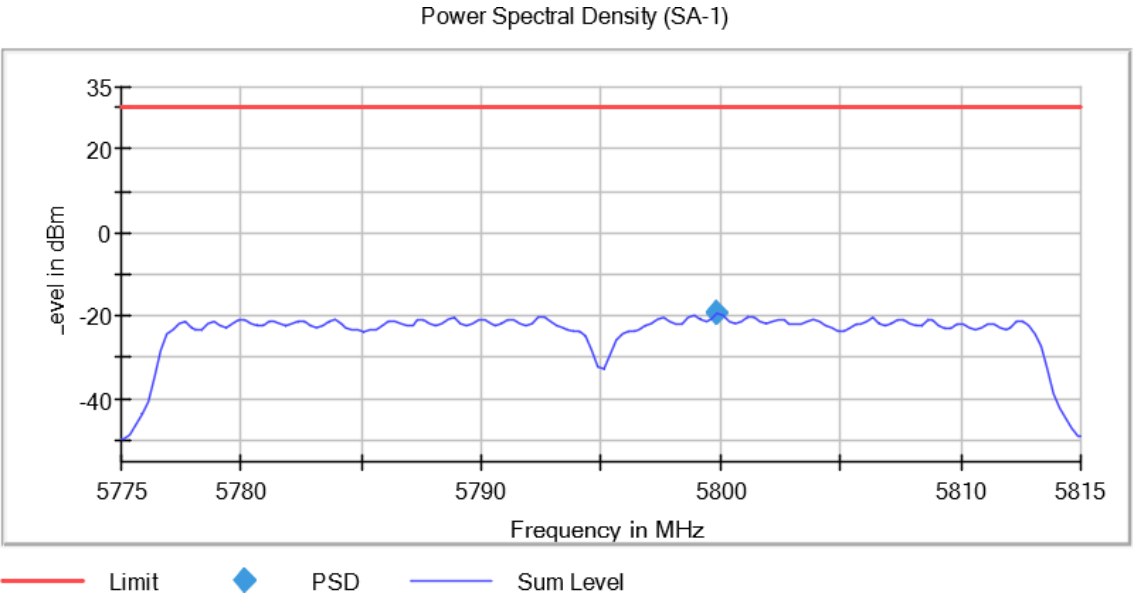
Images:

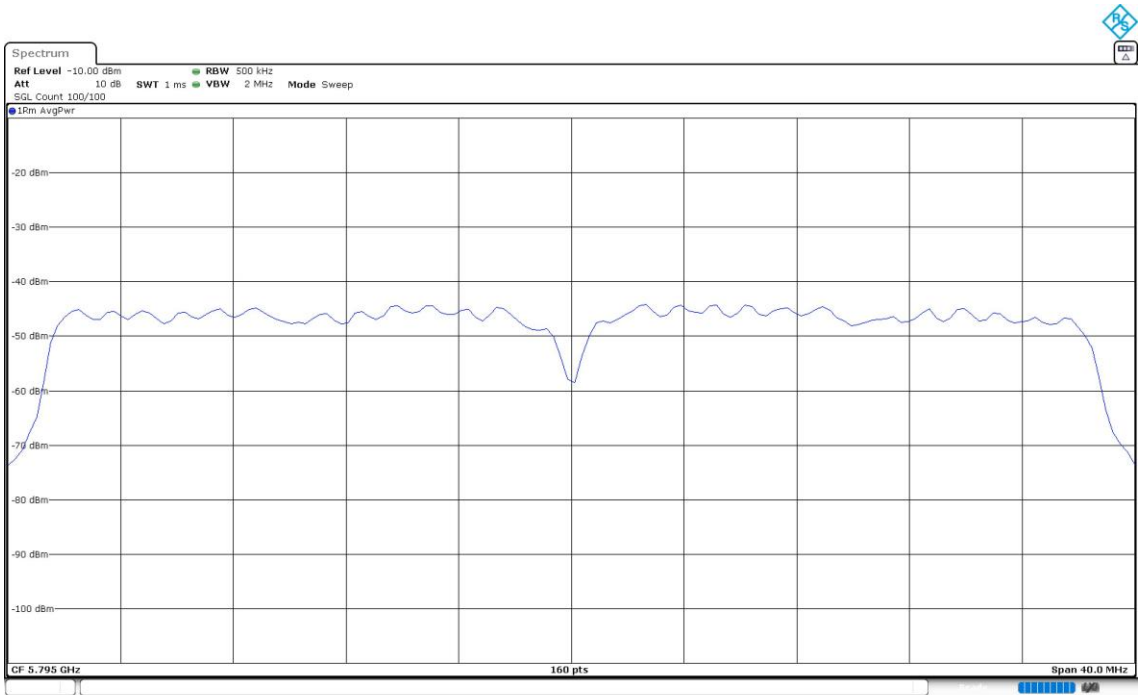




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5795.00000    Modulation = 802.11ac VHT40 (OFDM MCS0)  
TPC = No

Images:





Modulation: 802.11ac VHT80 (OFDM MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Freq (MHz)  | PSD (dBm) |
|----------------------|------|------------|-----|-------------|-----------|
| [5725, 5850]         | 2    | 5775.00000 | No  | 5770.125000 | -25.48    |
|                      | 1+2  |            |     | 5772.625000 | -26.16    |

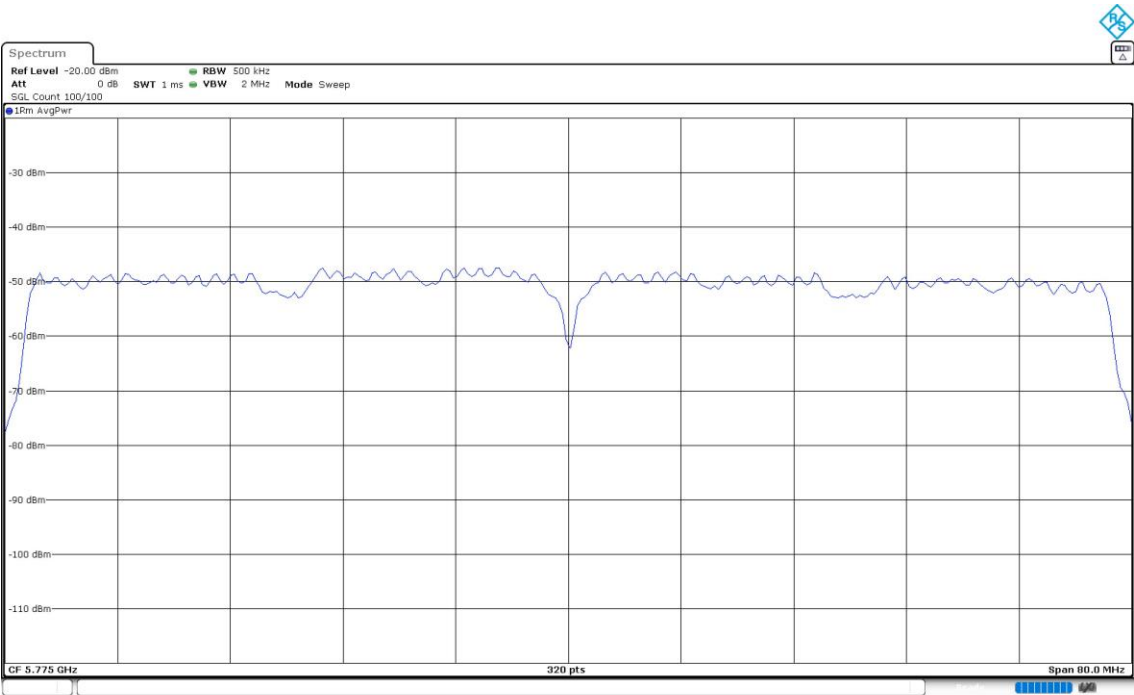
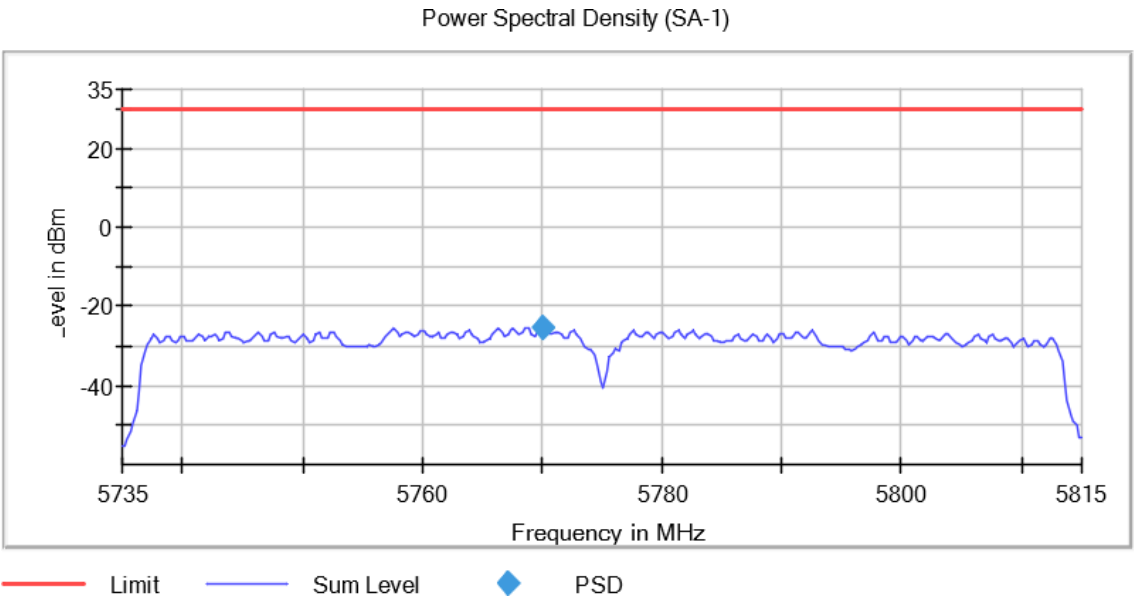
Verdict

Pass

Attachments

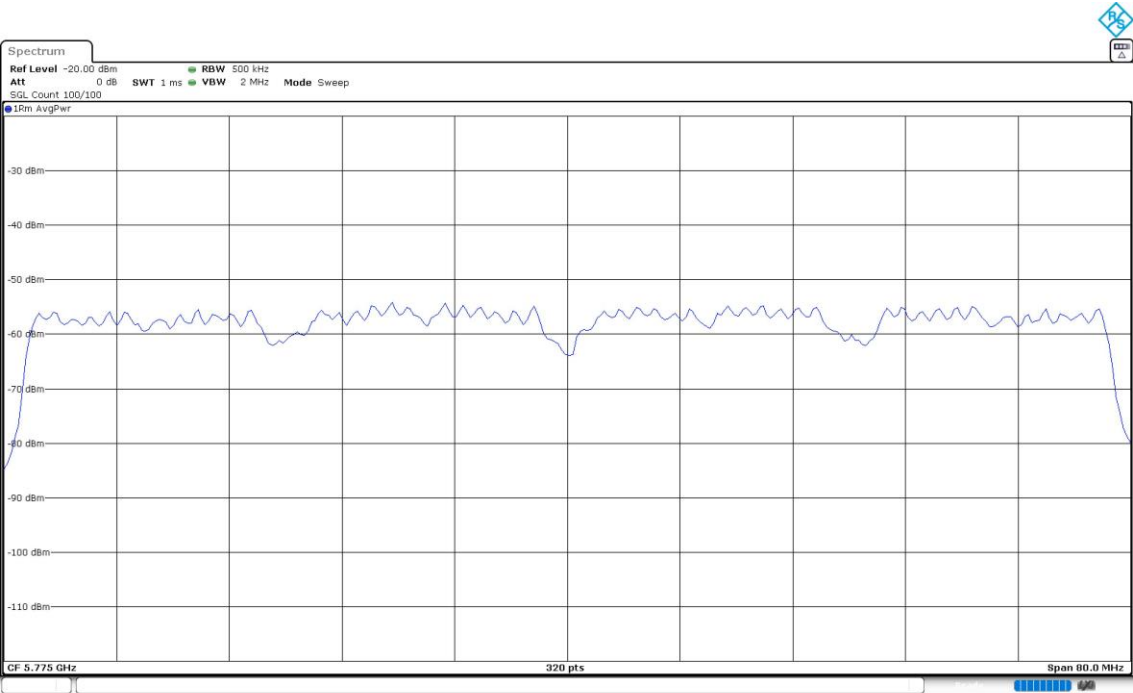
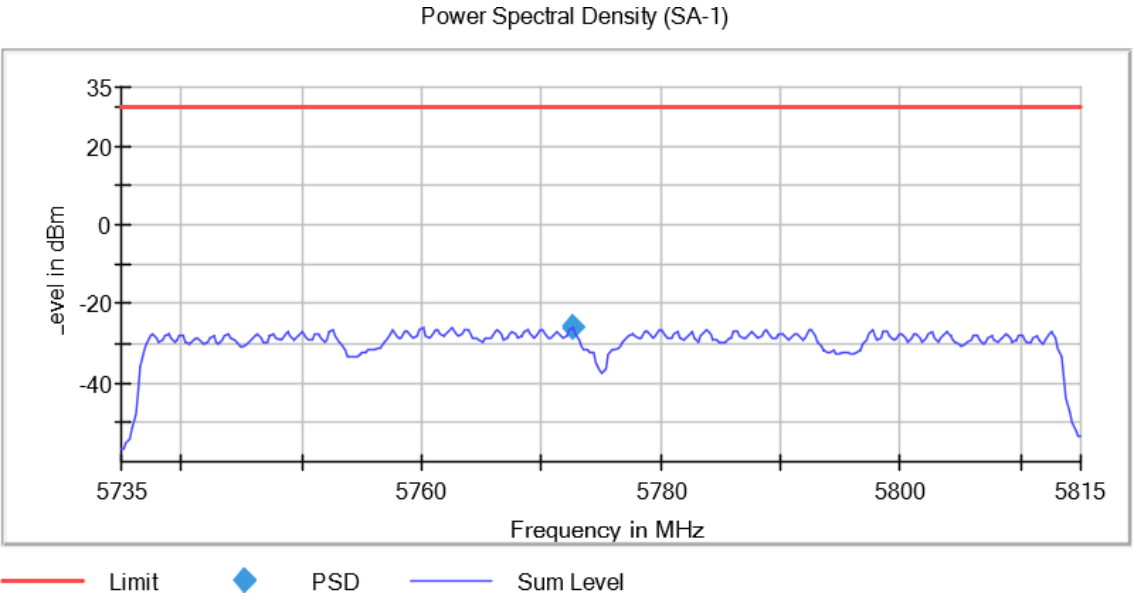
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5775.00000    Modulation = 802.11ac VHT80 (OFDM MCS0)  
TPC = No

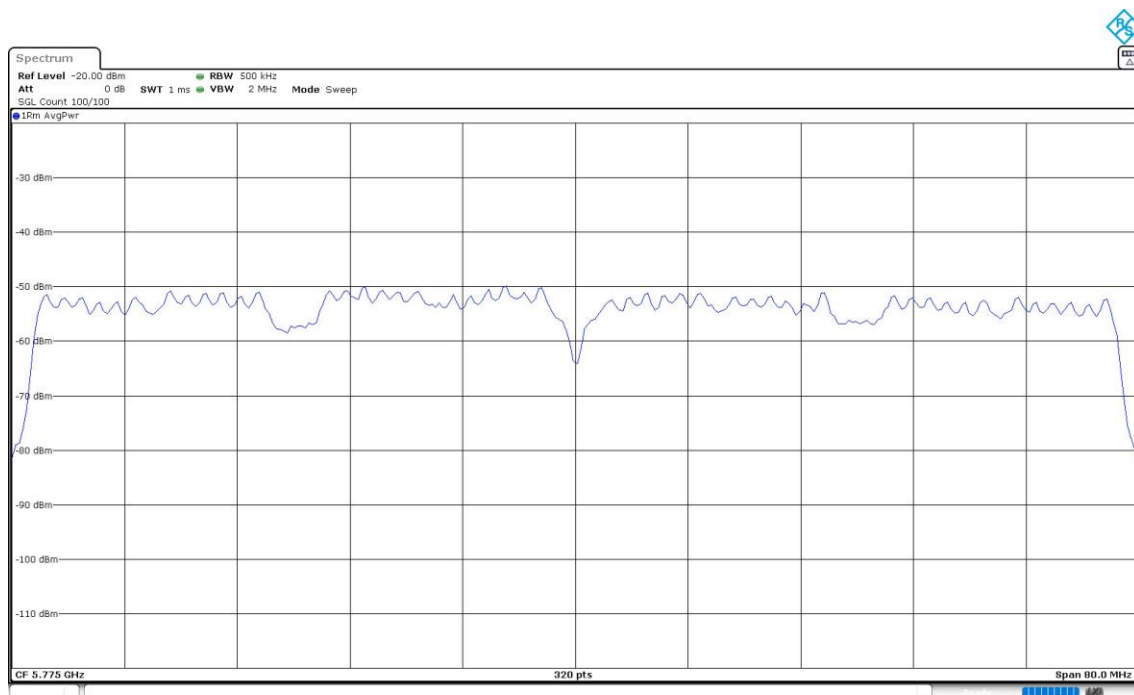
Images:



Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5775.00000    Modulation = 802.11ac VHT80 (OFDM MCS0)  
TPC = No

Images:





Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

| Operation Band (MHz) | Port | Freq (MHz) | TPC | Subcarrier Mode | Freq (MHz)  | PSD (dBm) |  |
|----------------------|------|------------|-----|-----------------|-------------|-----------|--|
| [5725, 5850]         | 2    | 5745.00000 | No  | SU              | 5747.574257 | -13.69    |  |
|                      |      |            |     | RU              | 5736.881188 | -5.07     |  |
|                      |      | 5785.00000 |     | SU              | 5778.663366 | -13.56    |  |
|                      |      |            |     | RU              | 5782.227723 | -4.84     |  |
|                      |      | 5825.00000 |     | SU              | 5818.663366 | -12.56    |  |
|                      |      |            |     | RU              | 5833.712871 | -3.67     |  |
|                      | 1+2  | 5745.00000 |     | SU              | 5743.811881 | -13.76    |  |
|                      |      |            |     | RU              | 5736.881188 | -4.95     |  |
|                      |      | 5785.00000 |     | SU              | 5783.811881 | -13.94    |  |
|                      |      |            |     | RU              | 5782.425743 | -5.00     |  |
|                      |      | 5825.00000 |     | SU              | 5821.237624 | -13.06    |  |
|                      |      |            |     | RU              | 5832.920792 | -4.76     |  |

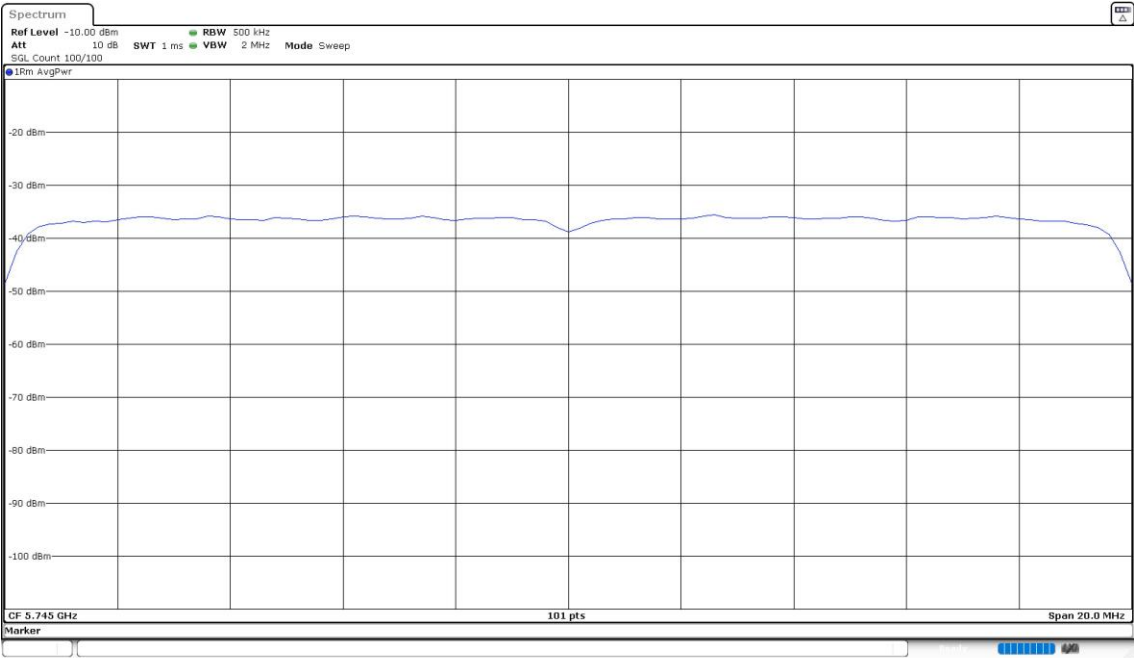
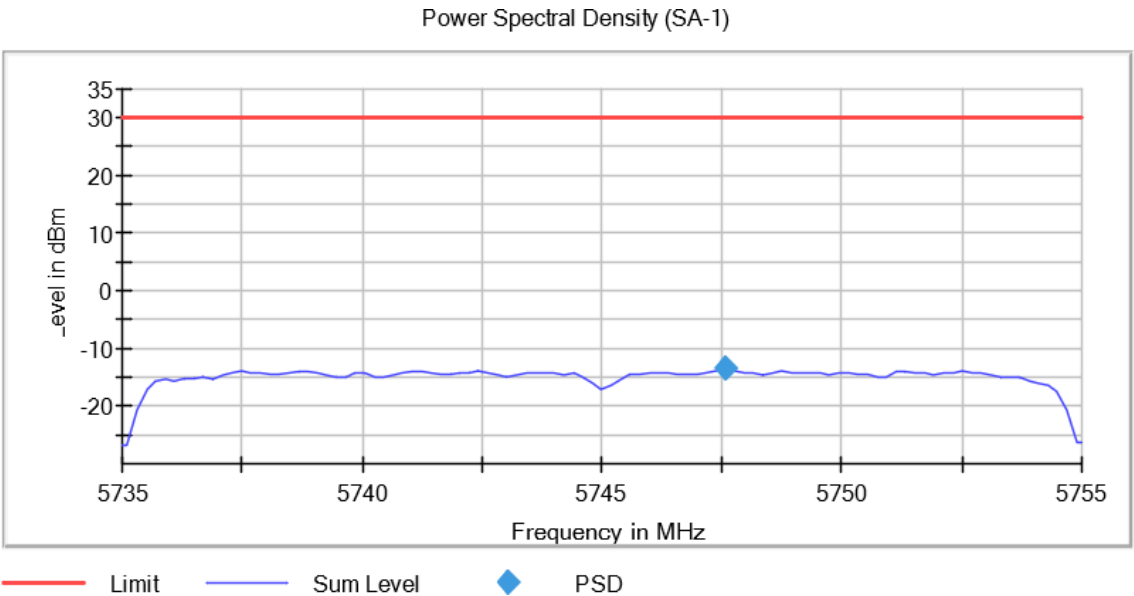
Verdict

Pass

Attachments

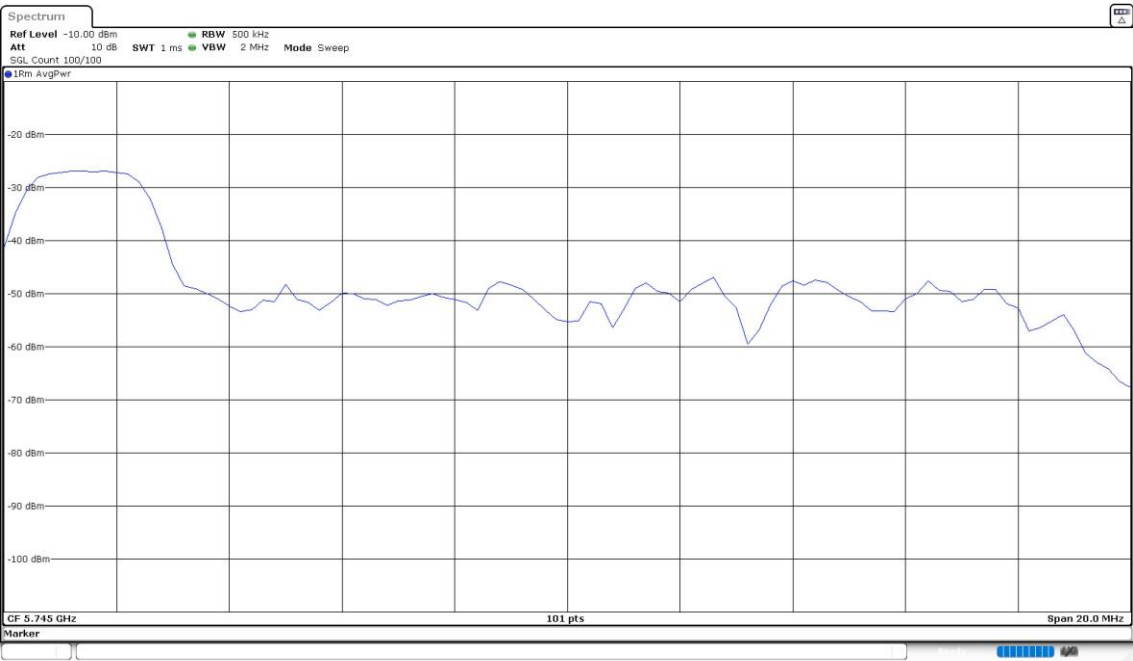
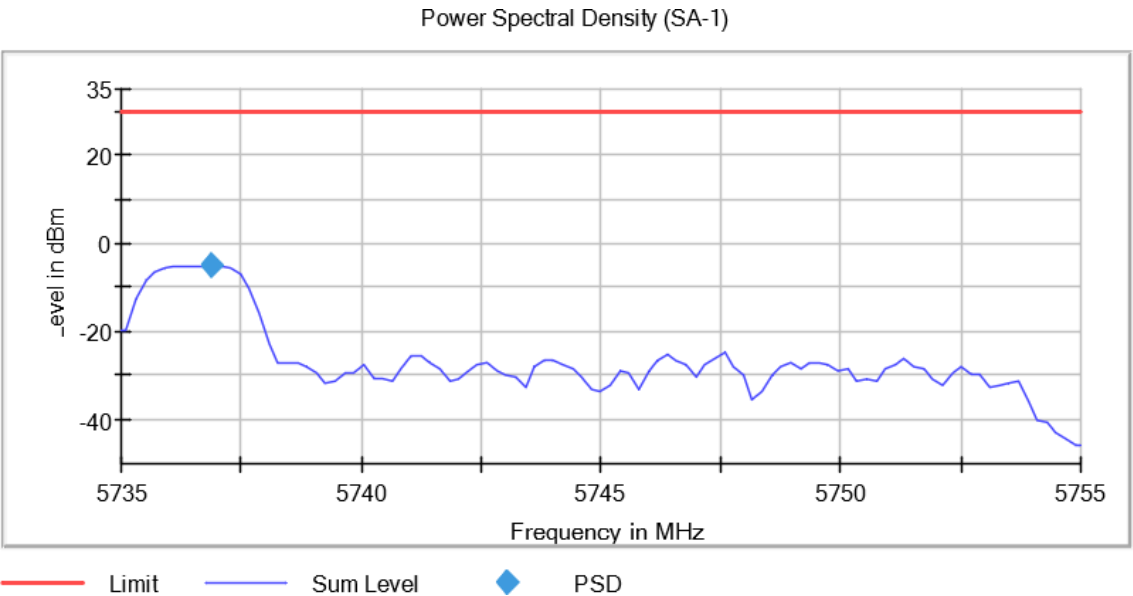
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5745.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = SU

Images:



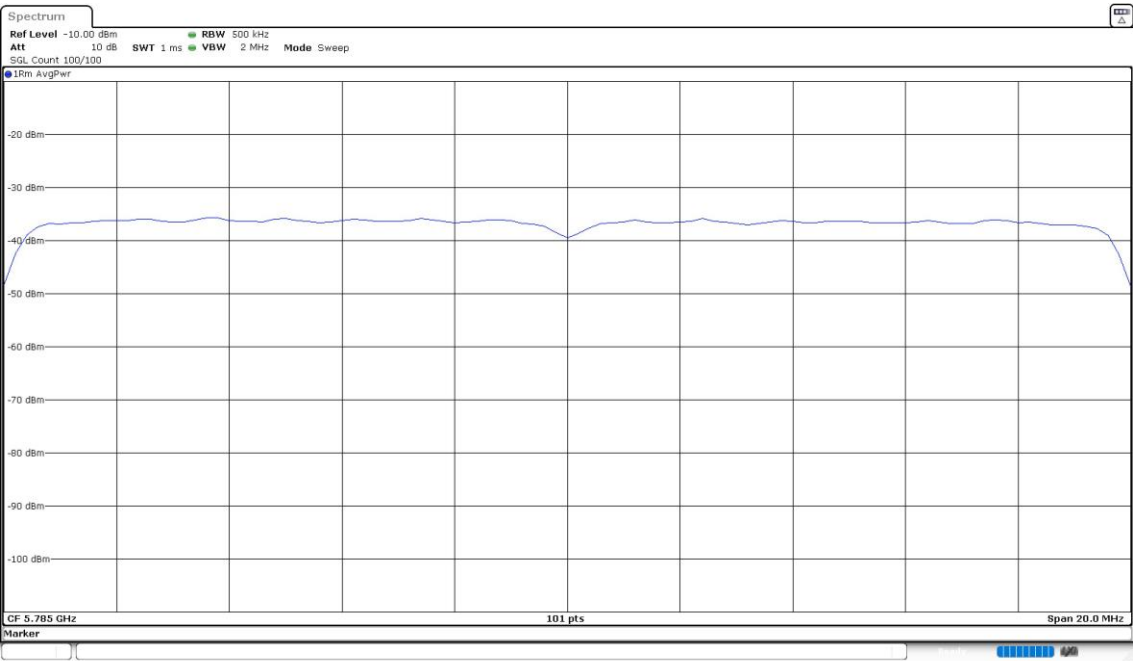
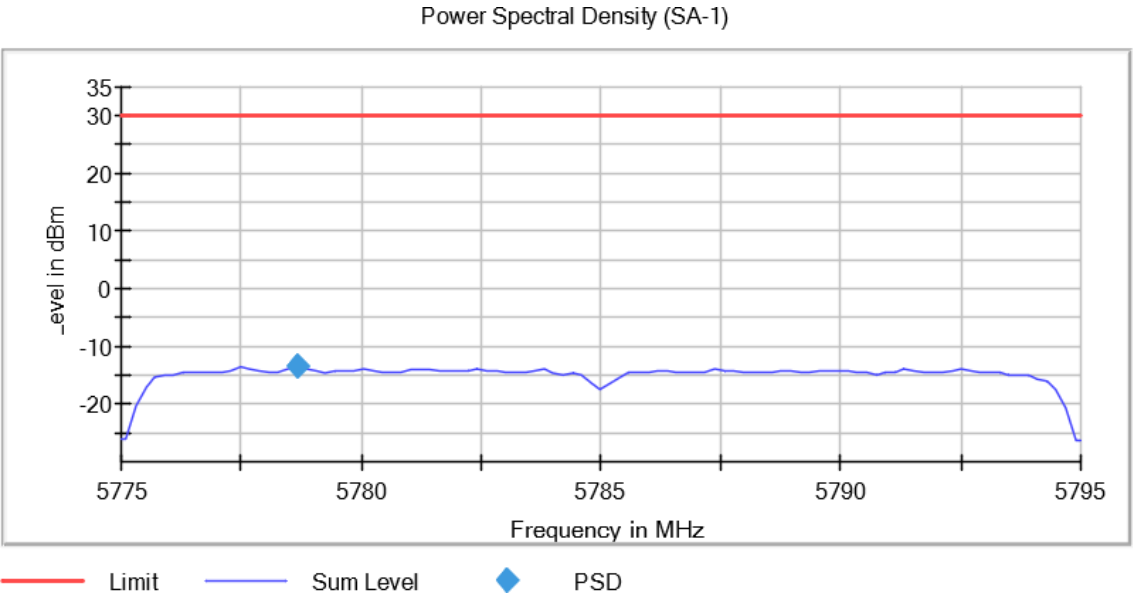
Operation Band MHz = [5725, 5850]    Active Port = 2  
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Subcarrier Mode = RU

Images:



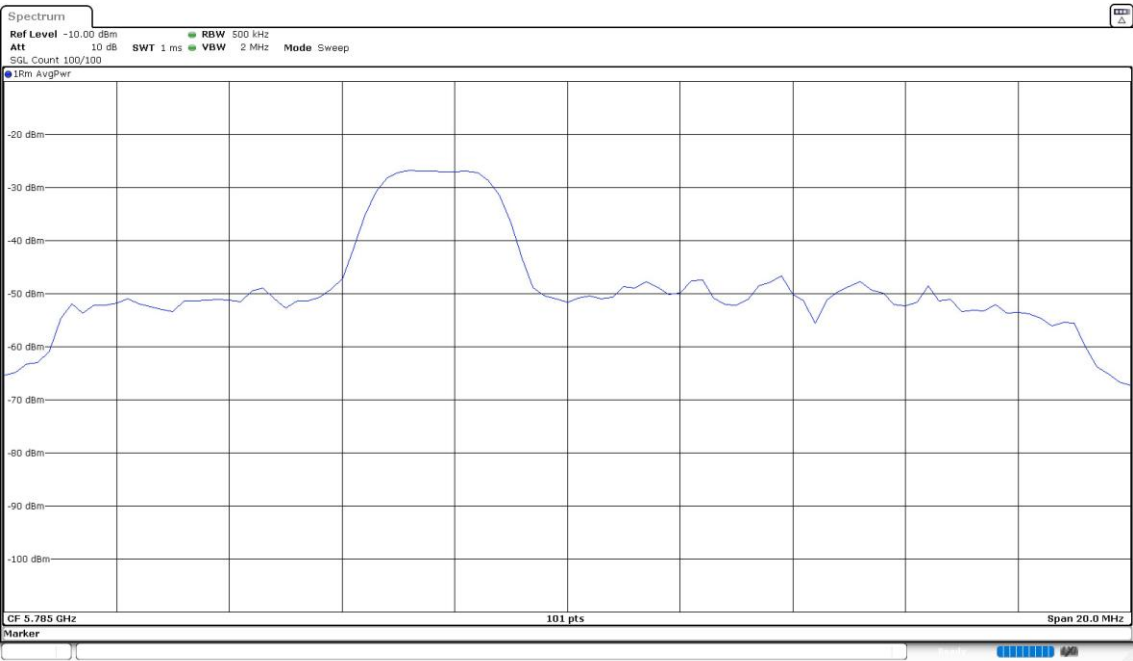
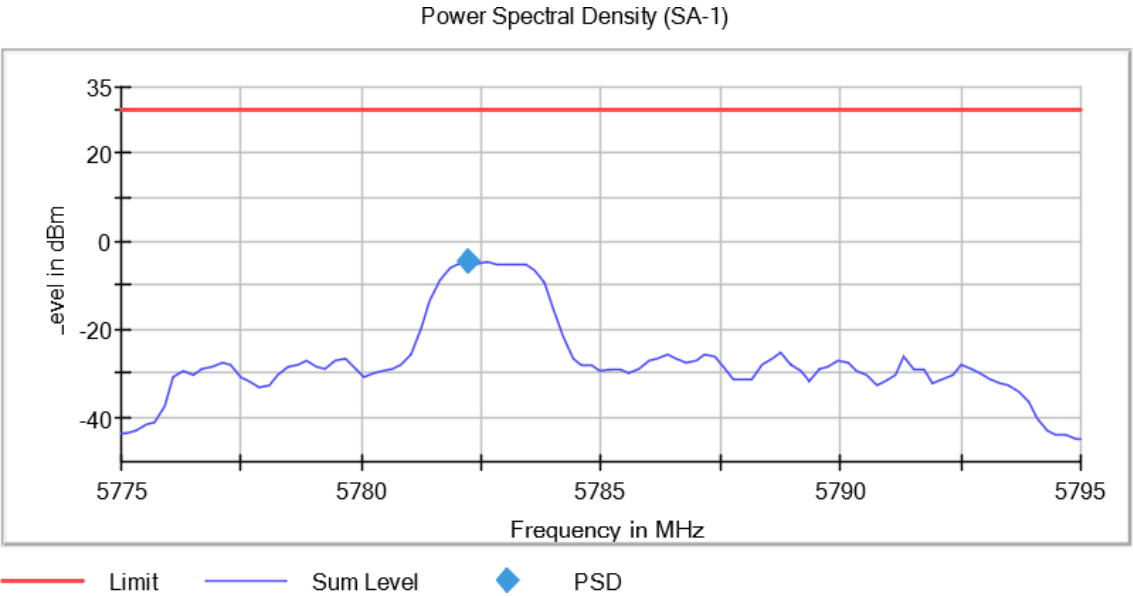
Operation Band MHz = [5725, 5850]    Active Port = 2  
Frequency MHz = 5785.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = SU

Images:



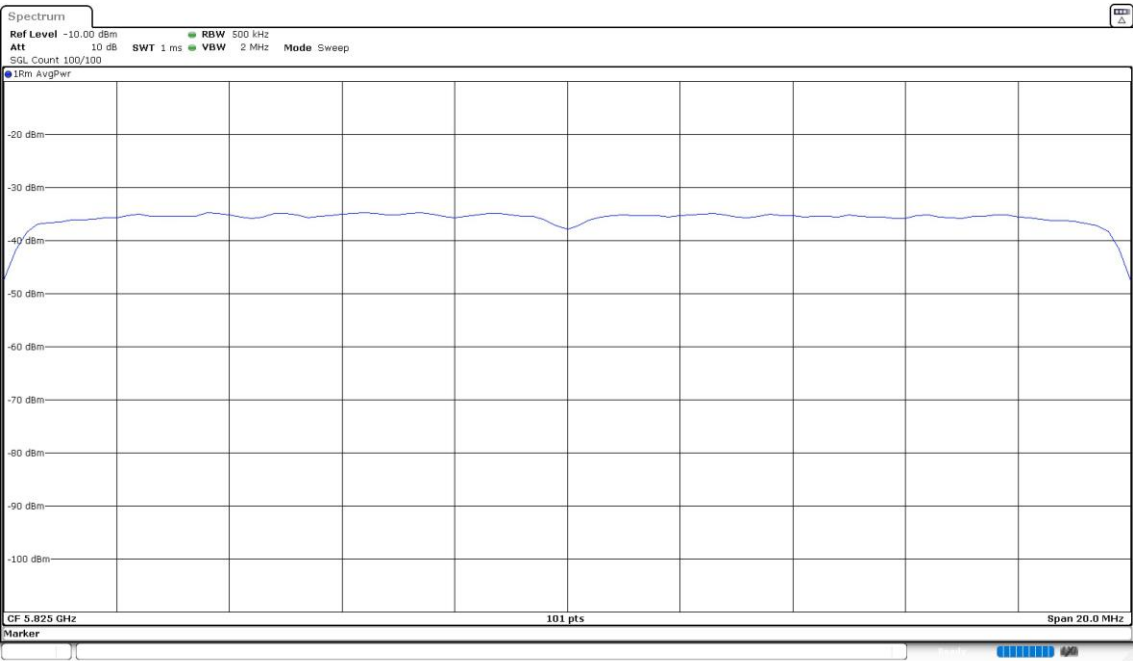
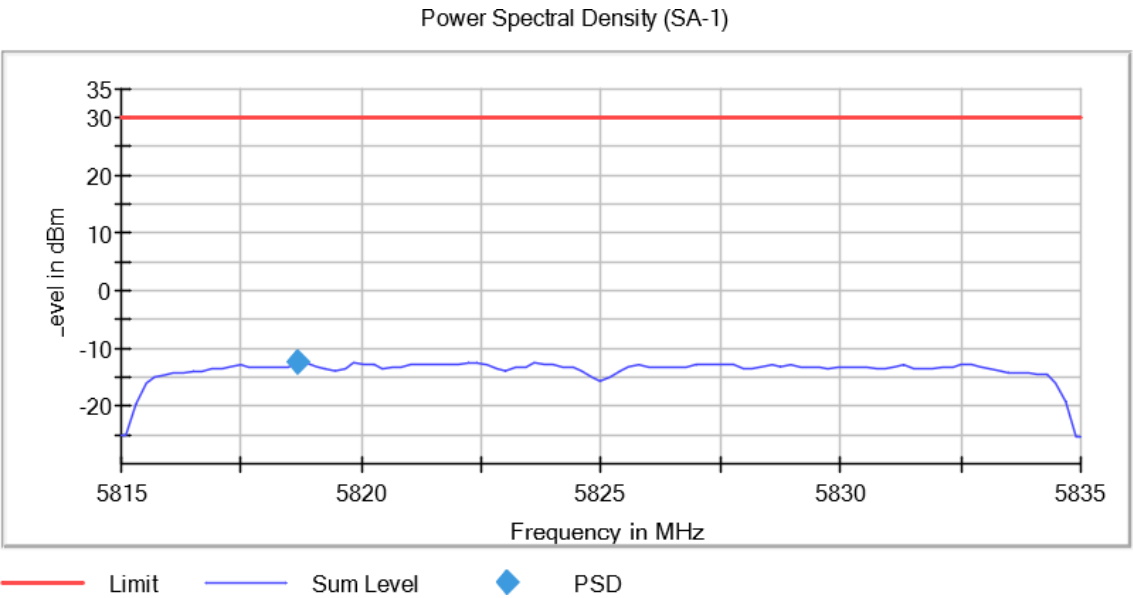
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TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = RU

Images:



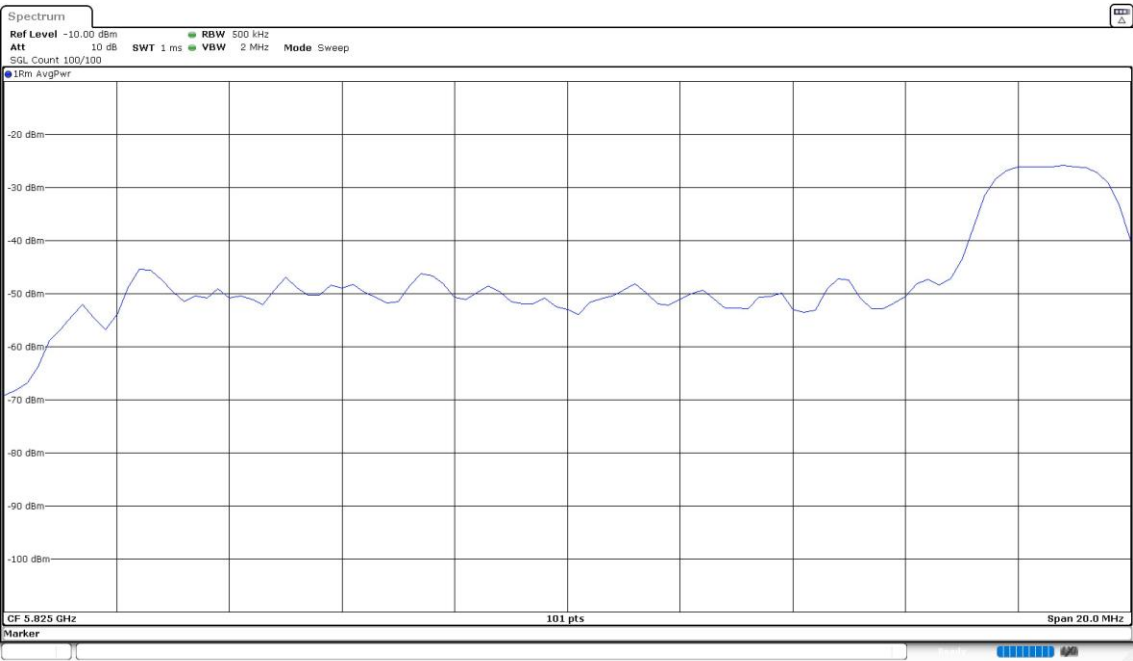
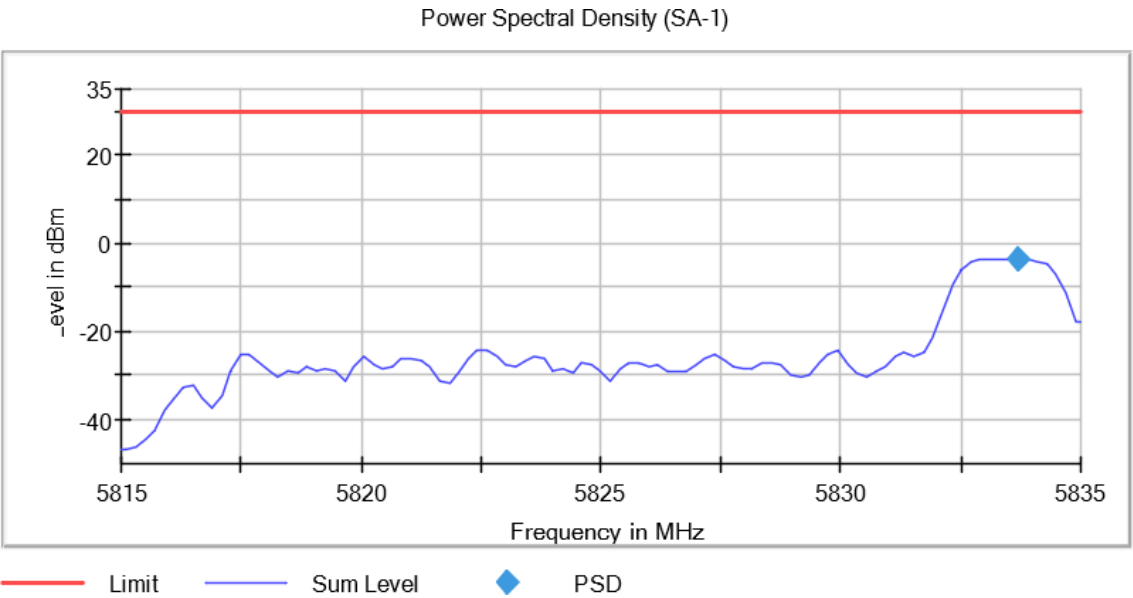
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Subcarrier Mode = SU

Images:



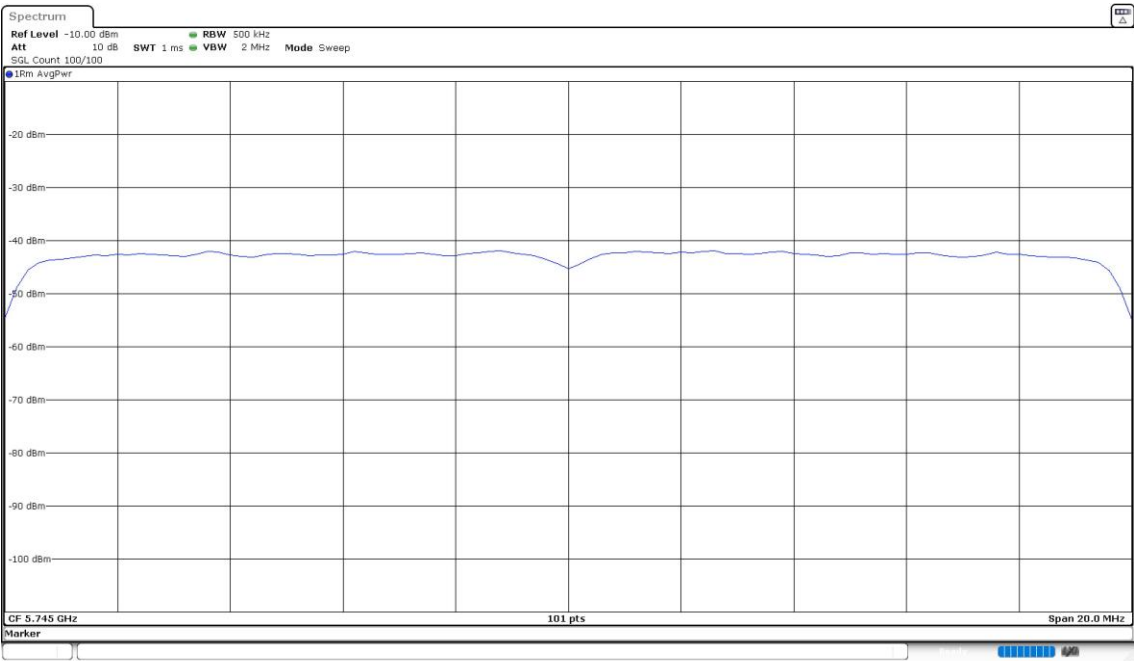
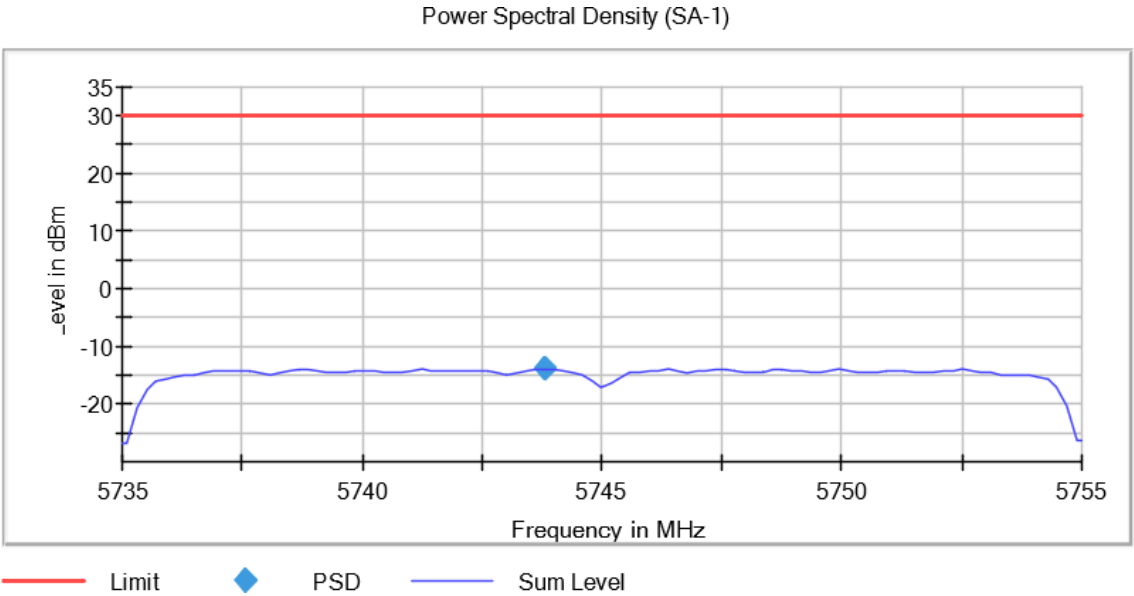
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Subcarrier Mode = RU

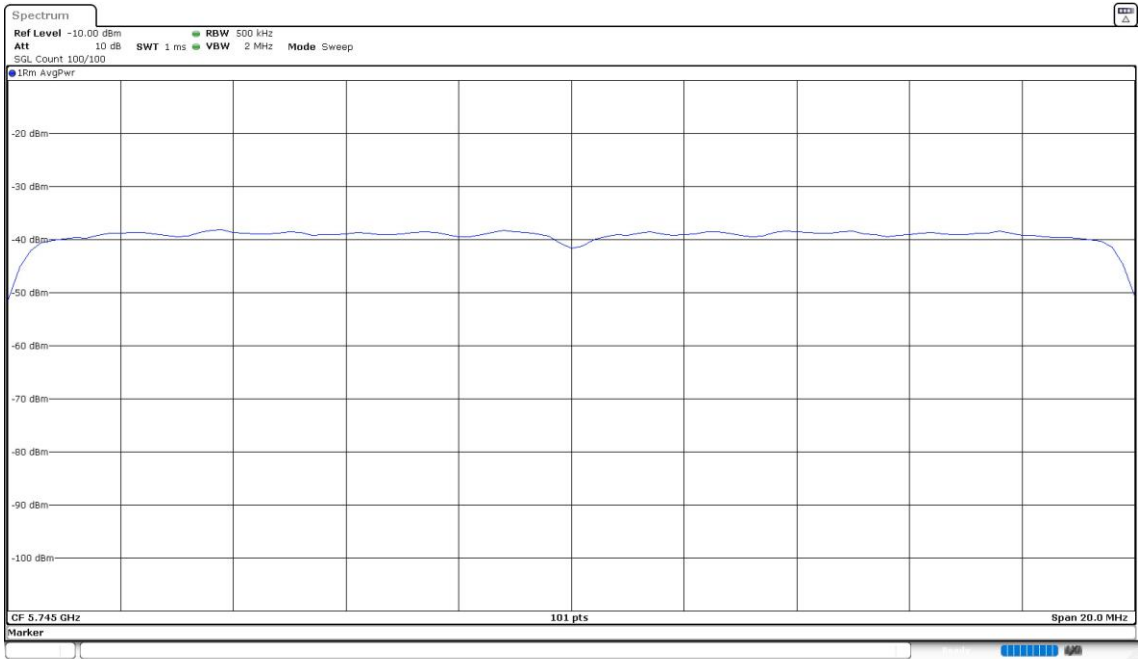
Images:



Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5745.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = SU

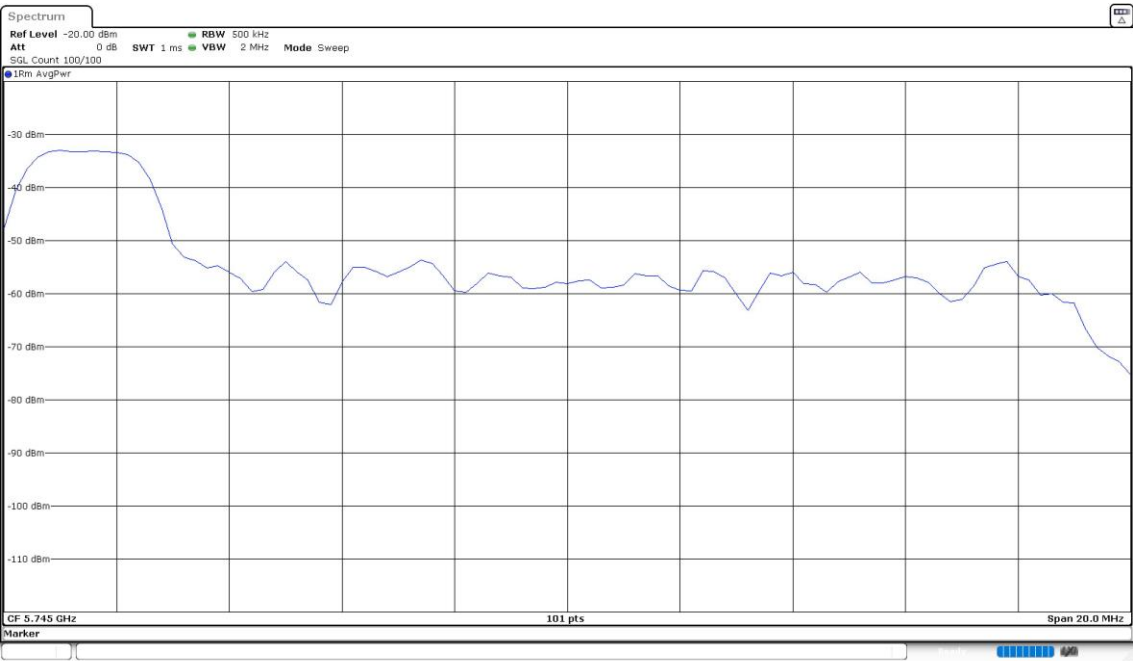
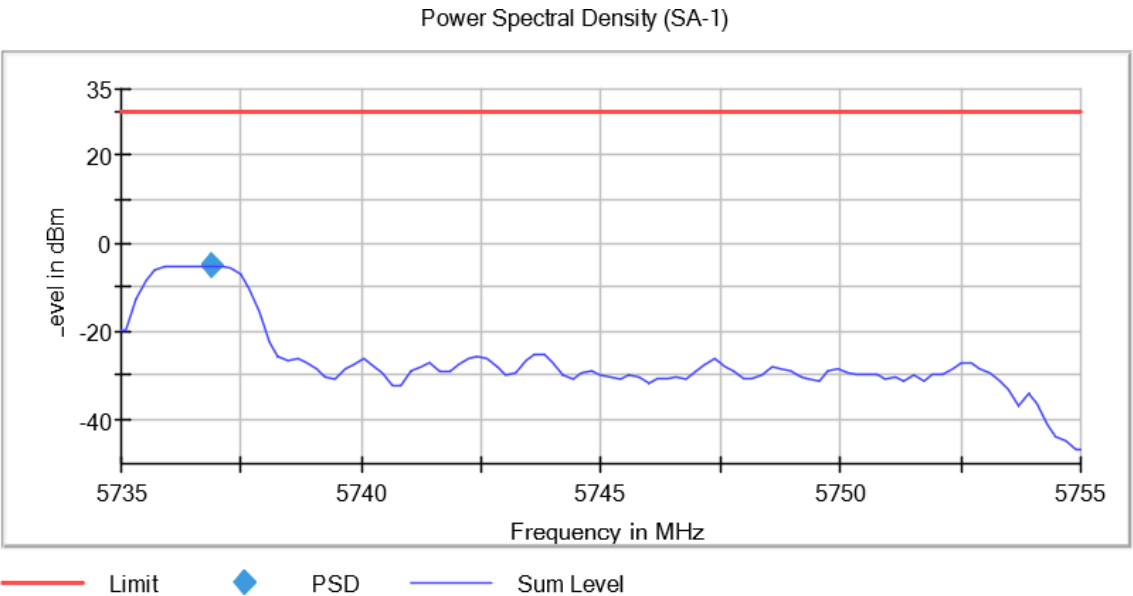
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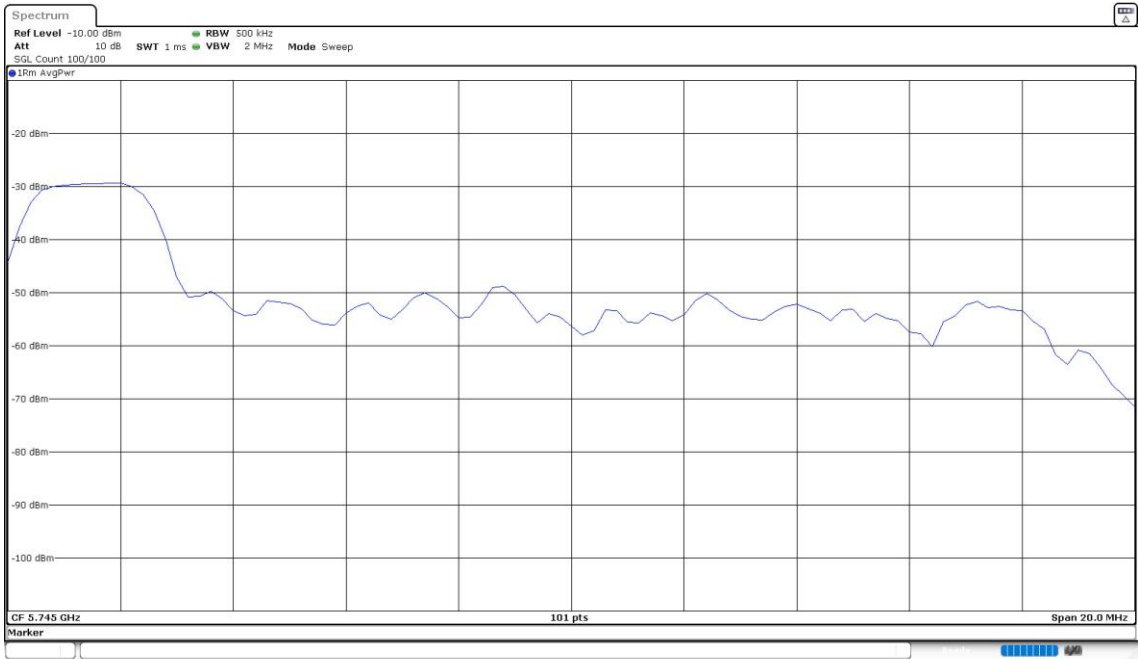




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5745.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = RU

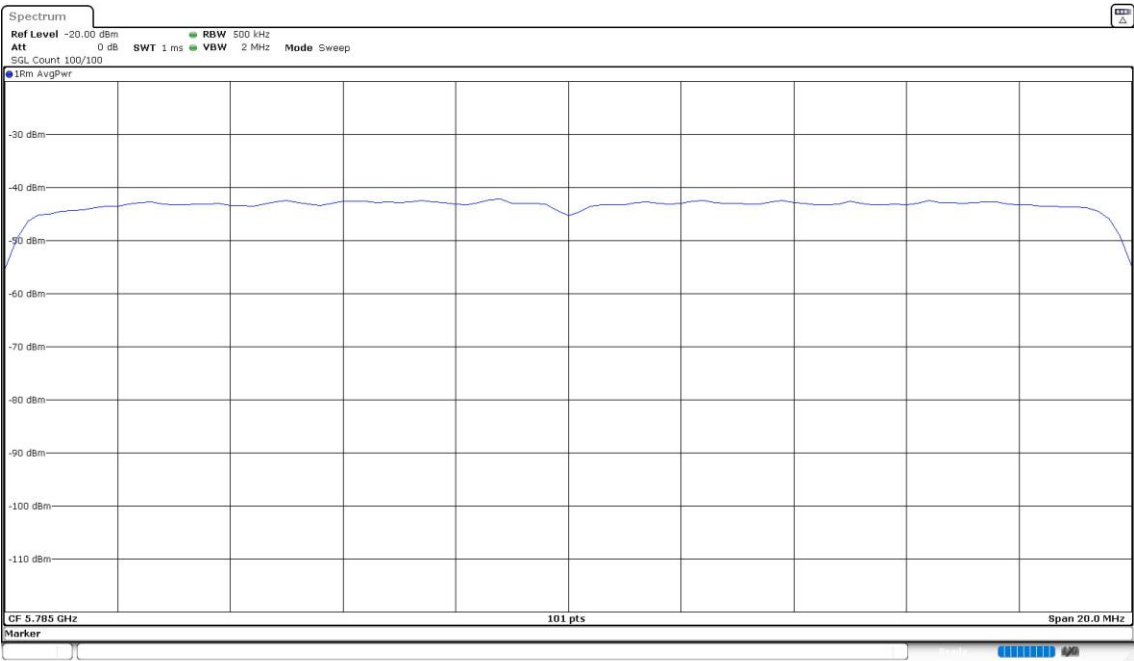
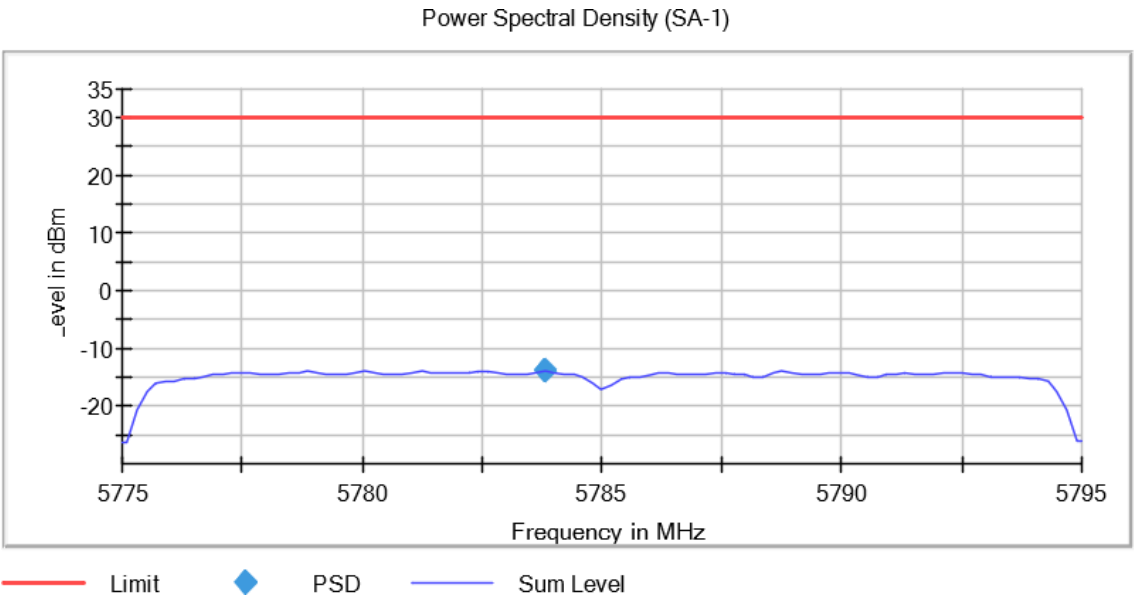
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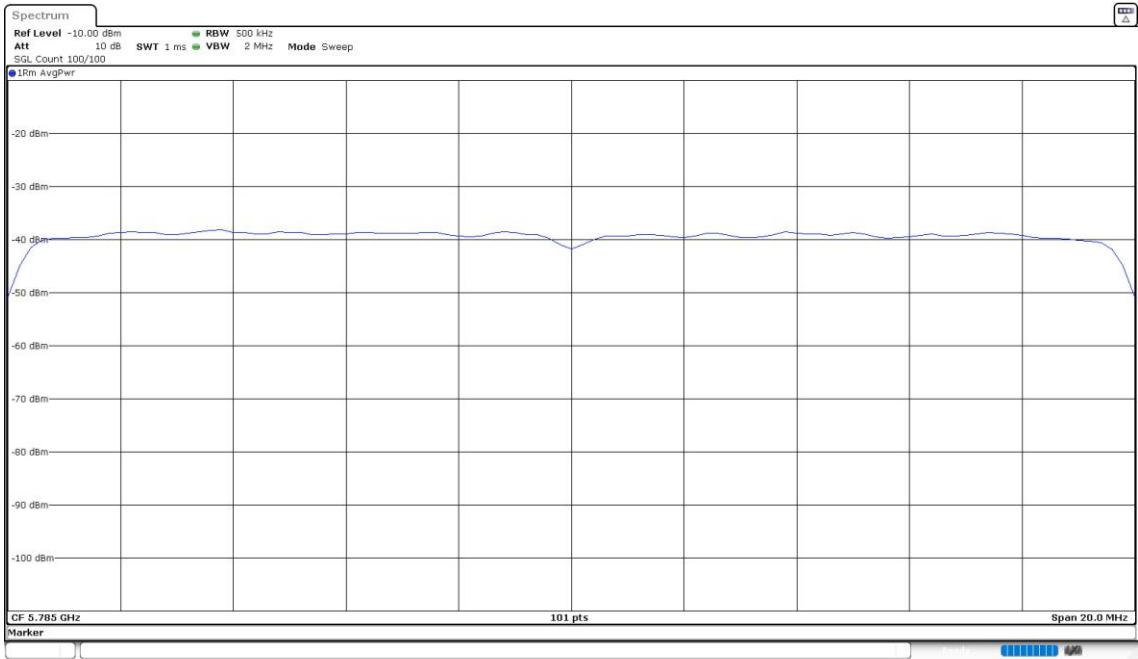




Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5785.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = SU

Images:





Operation Band MHz = [5725, 5850]    Active Port = 1+2  
Frequency MHz = 5785.00000    Modulation = 802.11ax HE20 (OFDMA MCS0)  
TPC = No    Resource Unit Tone/Index = -  
Subcarrier Mode = RU

Images:

