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## 6dB BW Test Result

| Mode             | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) |            | Verdict |
|------------------|---------|-----------------|-----|---------------------|------------|---------|
|                  |         |                 |     | Result              | Limit      |         |
| 802.11a          | SISO    | 5745            | 1   | 15.148              | $\geq 0.5$ | Pass    |
|                  |         | 5785            | 1   | 15.149              | $\geq 0.5$ | Pass    |
|                  |         | 5825            | 1   | 15.154              | $\geq 0.5$ | Pass    |
| 802.11n (HT20)   | SISO    | 5745            | 1   | 15.149              | $\geq 0.5$ | Pass    |
|                  |         | 5785            | 1   | 15.155              | $\geq 0.5$ | Pass    |
|                  |         | 5825            | 1   | 15.160              | $\geq 0.5$ | Pass    |
| 802.11n (HT40)   | SISO    | 5755            | 1   | 35.160              | $\geq 0.5$ | Pass    |
|                  |         | 5795            | 1   | 35.128              | $\geq 0.5$ | Pass    |
| 802.11ac (VHT20) | SISO    | 5745            | 1   | 15.110              | $\geq 0.5$ | Pass    |
|                  |         | 5785            | 1   | 15.180              | $\geq 0.5$ | Pass    |
|                  |         | 5825            | 1   | 15.375              | $\geq 0.5$ | Pass    |
| 802.11ac (VHT40) | SISO    | 5755            | 1   | 35.119              | $\geq 0.5$ | Pass    |
|                  |         | 5795            | 1   | 35.144              | $\geq 0.5$ | Pass    |
| 802.11ac (VHT80) | SISO    | 5775            | 1   | 75.157              | $\geq 0.5$ | Pass    |



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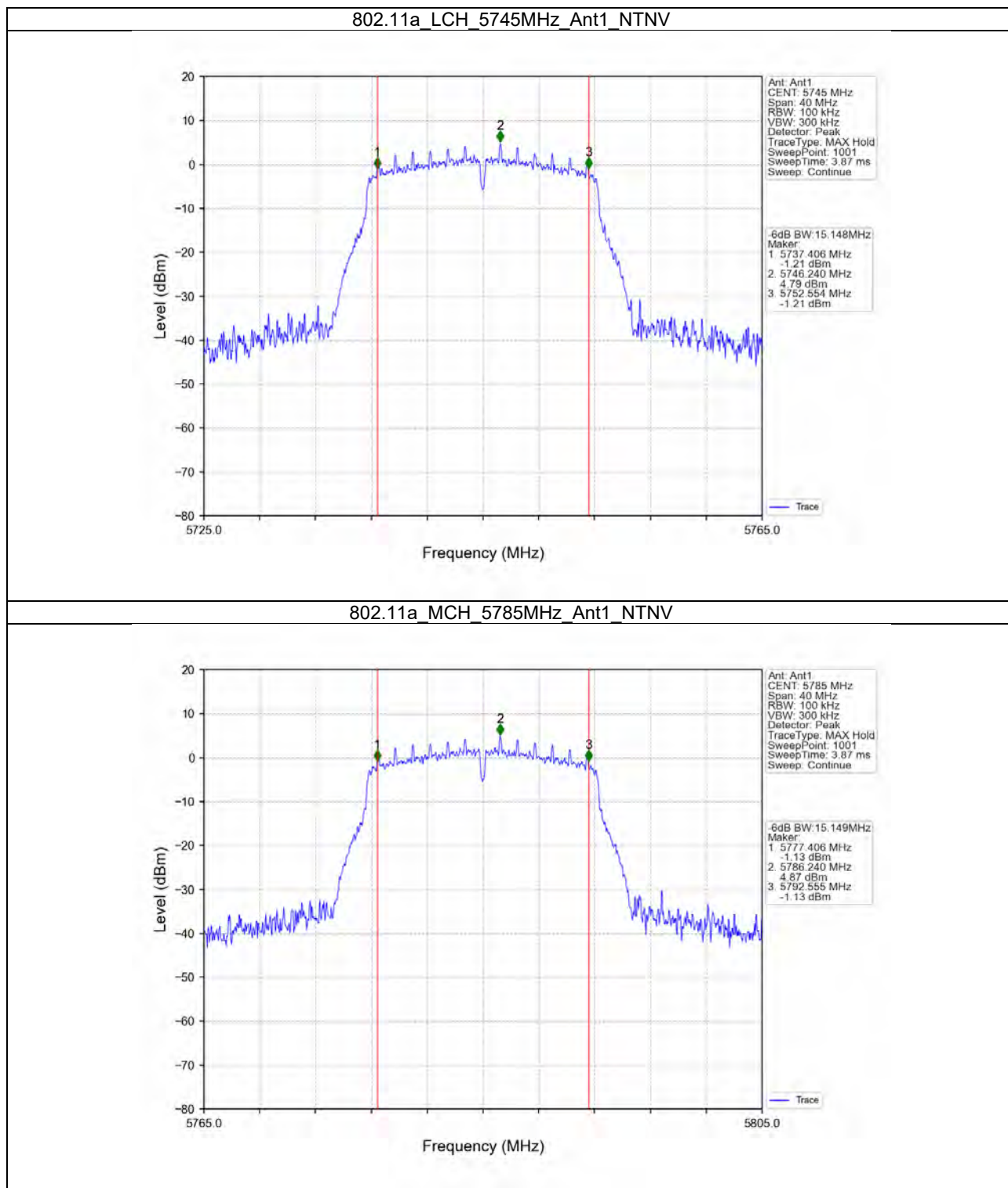
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### Test Graph



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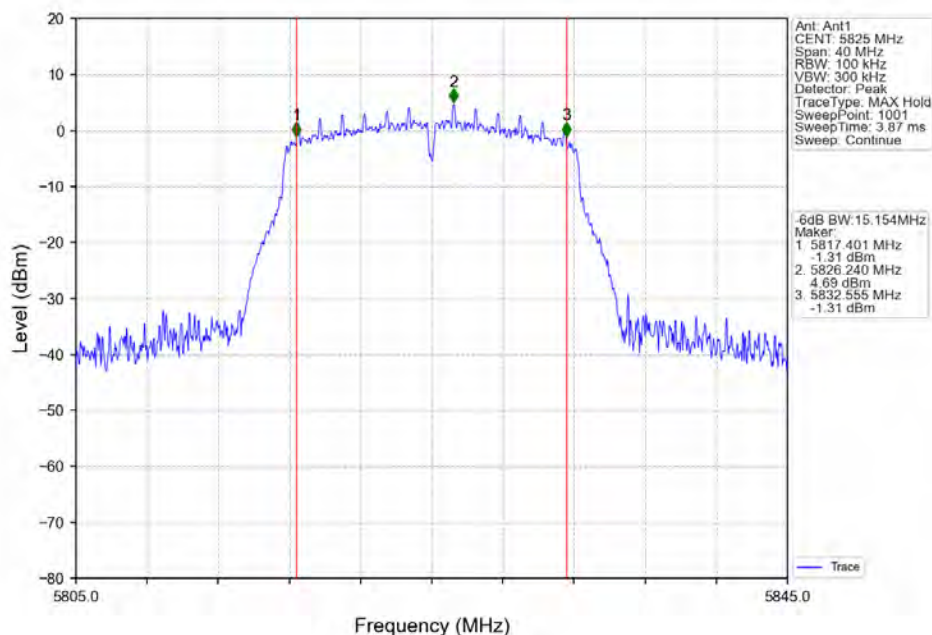
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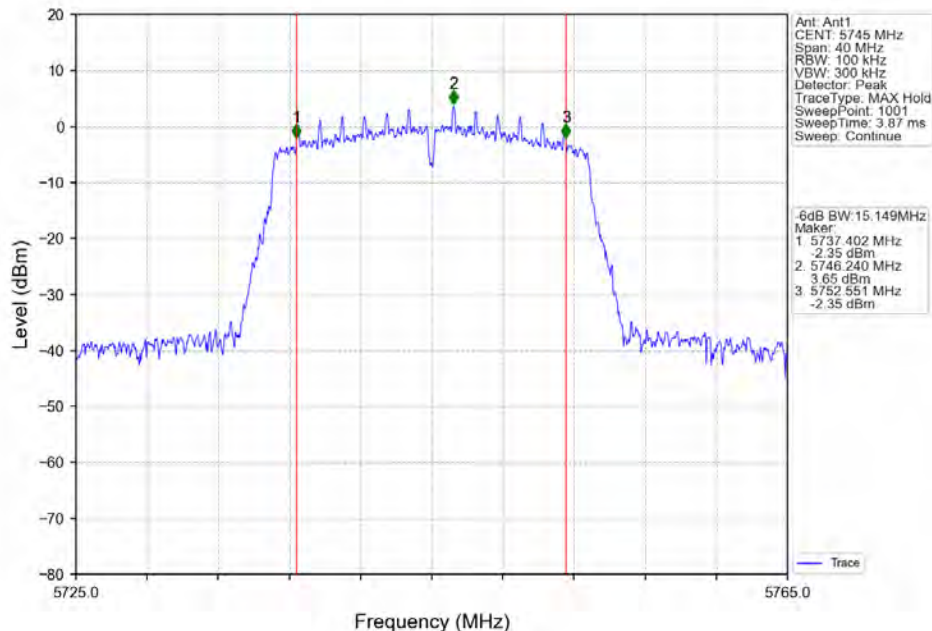
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



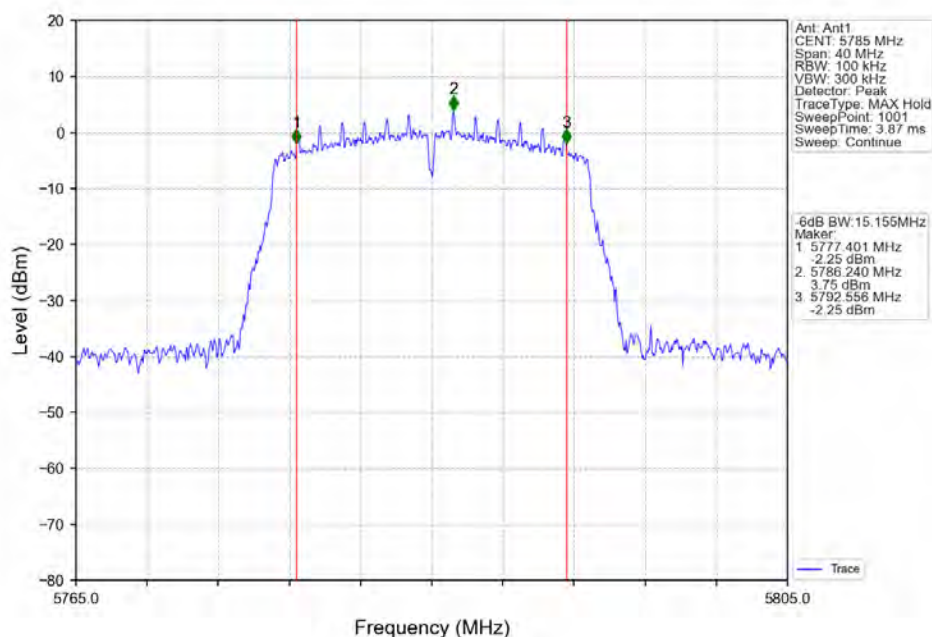
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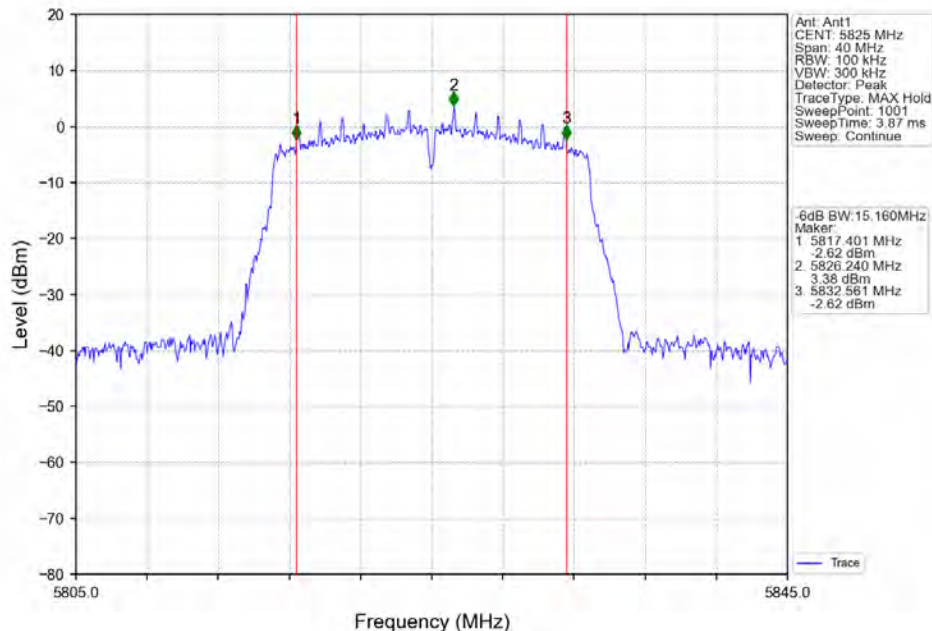
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### 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



### 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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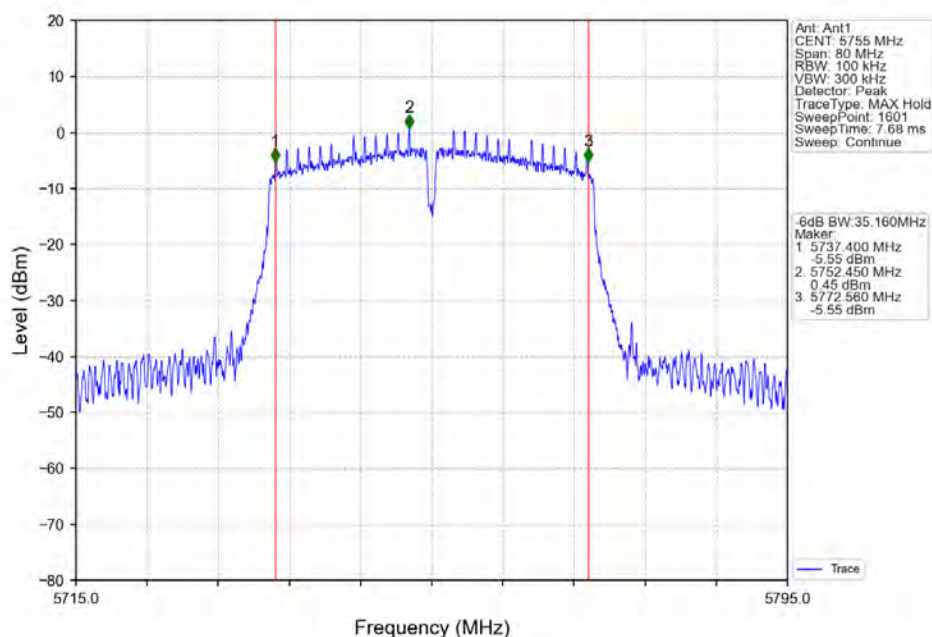
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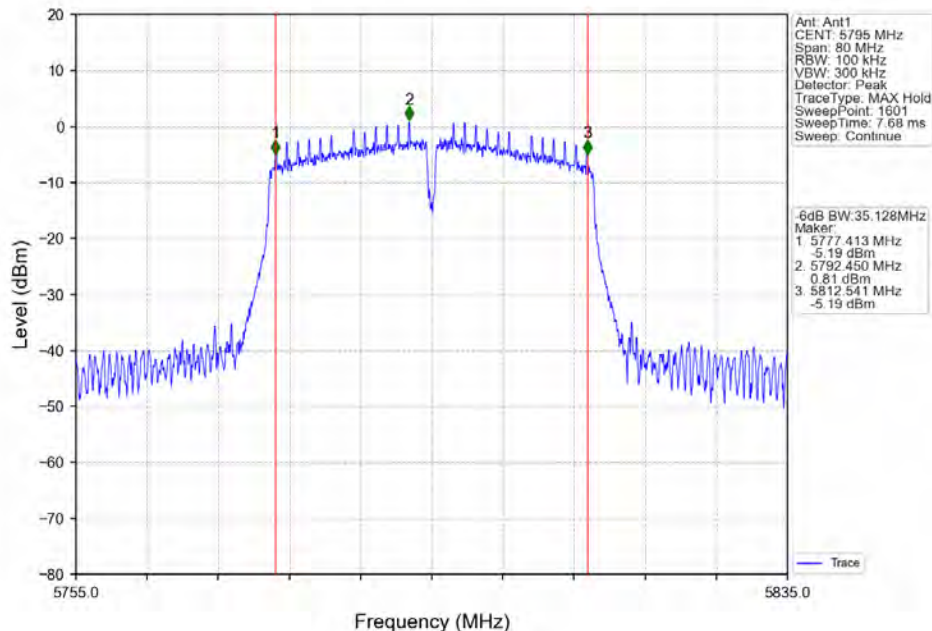
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802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



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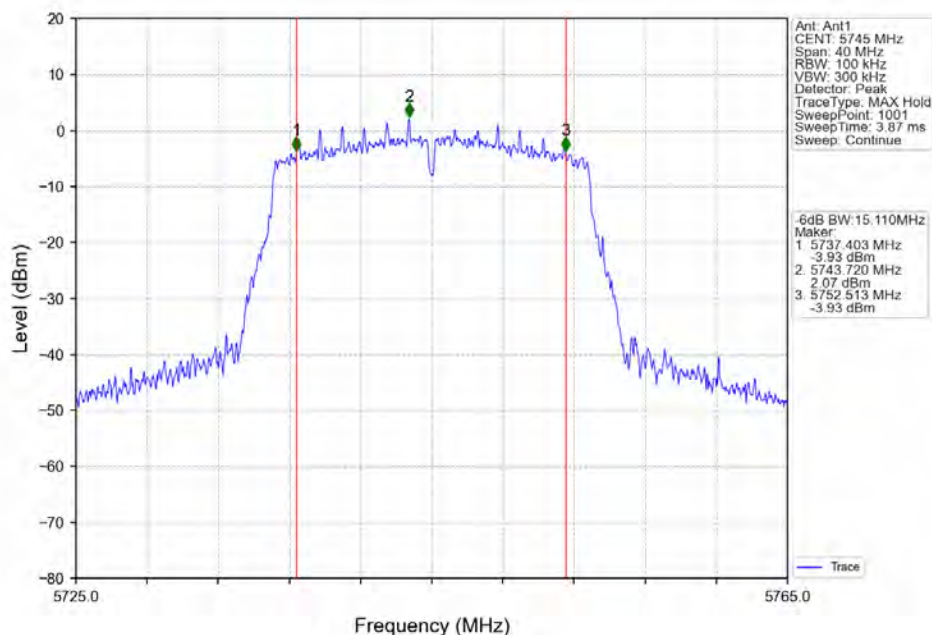
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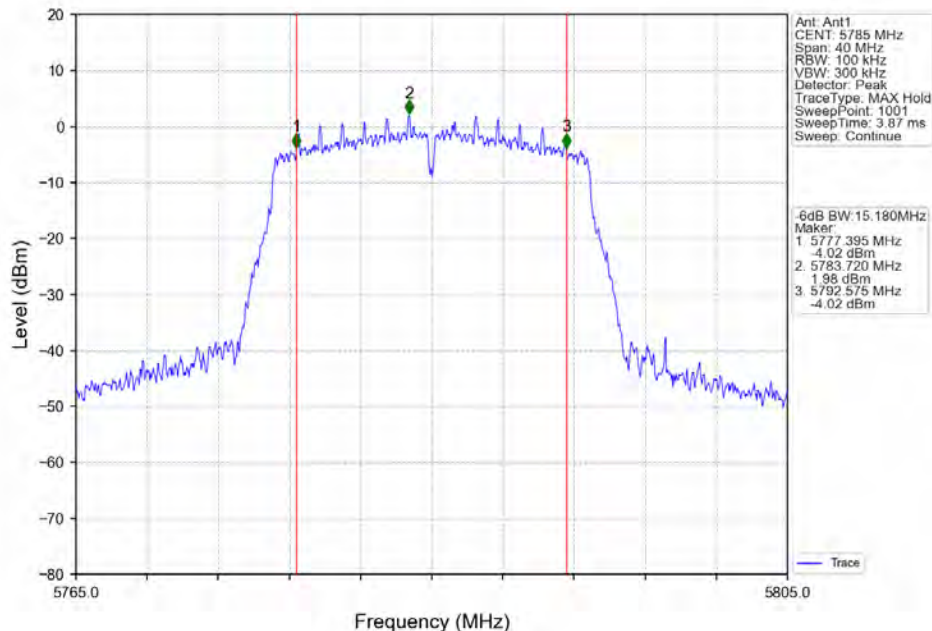
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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



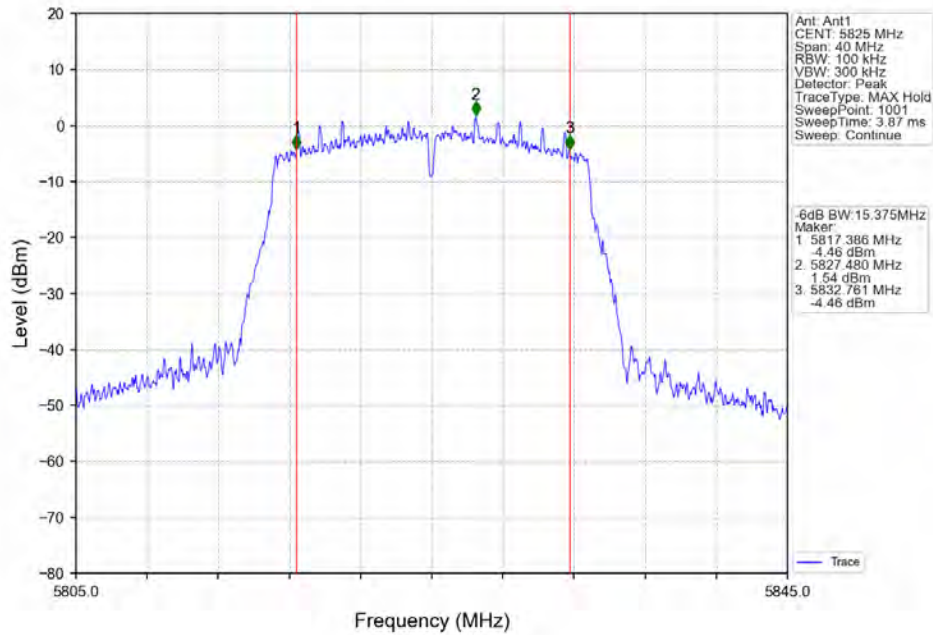
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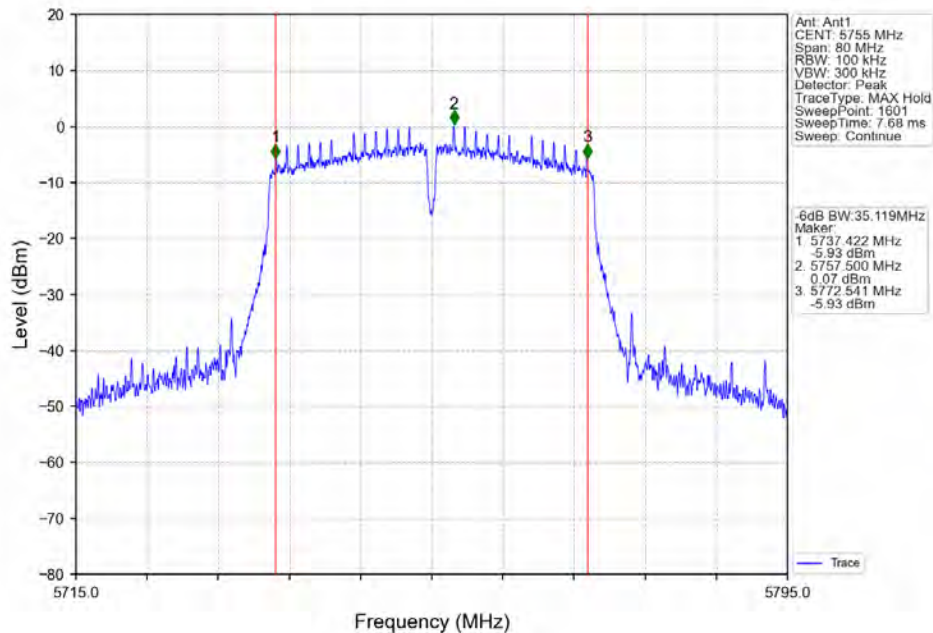
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



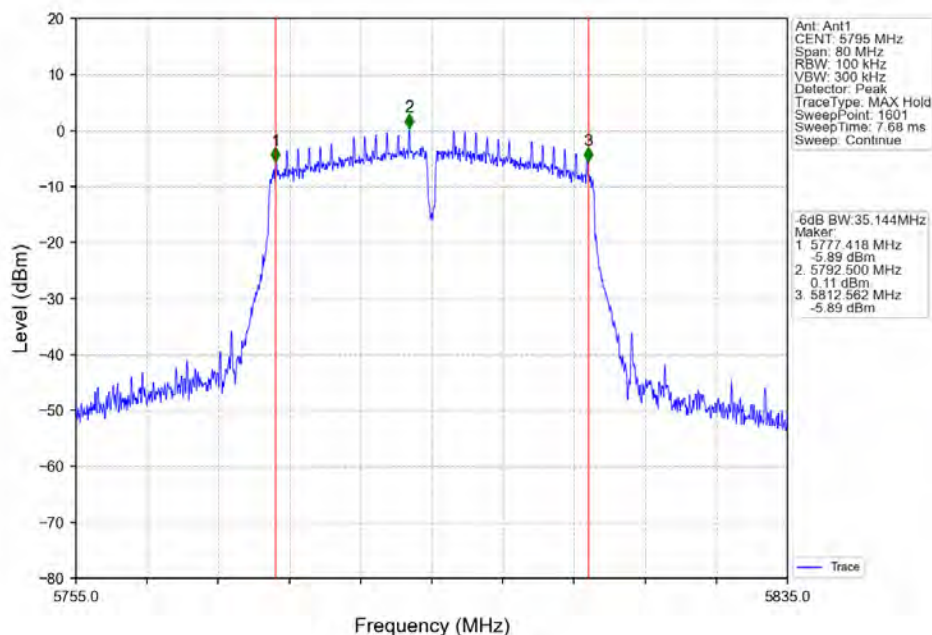
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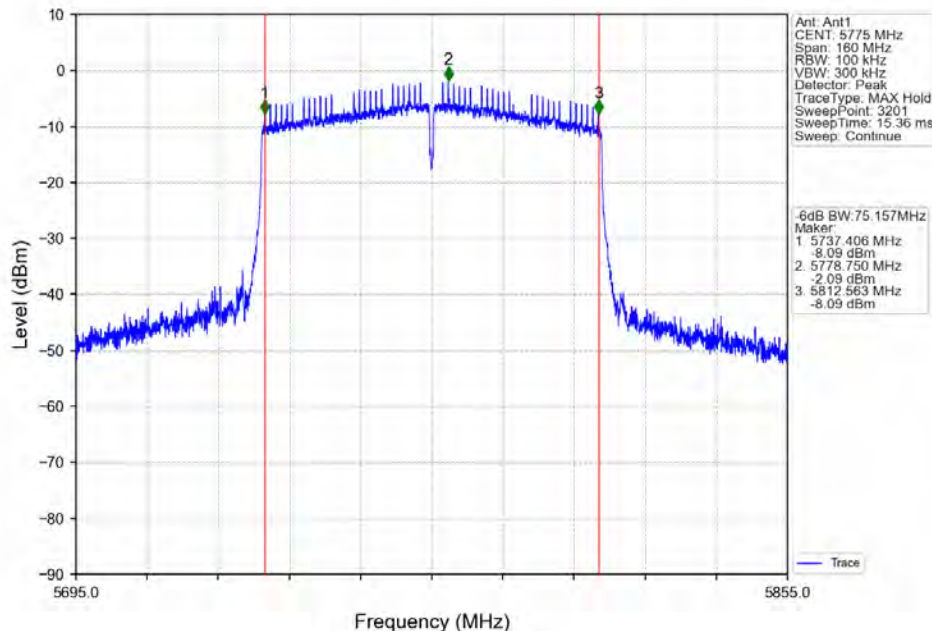
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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## 26dB BW Test Result

| Mode             | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) | Verdict |
|------------------|---------|-----------------|-----|----------------------|---------|
|                  |         |                 |     | Result               |         |
| 802.11a          | SISO    | 5180            | 1   | 20.161               | Pass    |
|                  |         | 5200            | 1   | 20.027               | Pass    |
|                  |         | 5240            | 1   | 19.940               | Pass    |
|                  |         | 5260            | 1   | 19.953               | Pass    |
|                  |         | 5300            | 1   | 19.872               | Pass    |
|                  |         | 5320            | 1   | 19.926               | Pass    |
|                  |         | 5500            | 1   | 19.942               | Pass    |
|                  |         | 5580            | 1   | 20.000               | Pass    |
| 802.11n (HT20)   | SISO    | 5700            | 1   | 19.924               | Pass    |
|                  |         | 5180            | 1   | 20.183               | Pass    |
|                  |         | 5200            | 1   | 20.202               | Pass    |
|                  |         | 5240            | 1   | 20.286               | Pass    |
|                  |         | 5260            | 1   | 20.235               | Pass    |
|                  |         | 5300            | 1   | 20.294               | Pass    |
|                  |         | 5320            | 1   | 20.224               | Pass    |
|                  |         | 5500            | 1   | 20.232               | Pass    |
| 802.11n (HT40)   | SISO    | 5580            | 1   | 20.240               | Pass    |
|                  |         | 5700            | 1   | 20.137               | Pass    |
|                  |         | 5190            | 1   | 40.525               | Pass    |
|                  |         | 5230            | 1   | 40.552               | Pass    |
|                  |         | 5270            | 1   | 40.373               | Pass    |
|                  |         | 5310            | 1   | 40.187               | Pass    |
| 802.11ac (VHT20) | SISO    | 5510            | 1   | 40.599               | Pass    |
|                  |         | 5550            | 1   | 40.399               | Pass    |
|                  |         | 5670            | 1   | 40.379               | Pass    |
|                  |         | 5180            | 1   | 20.246               | Pass    |
|                  |         | 5200            | 1   | 20.178               | Pass    |
|                  |         | 5240            | 1   | 20.062               | Pass    |
|                  |         | 5260            | 1   | 20.277               | Pass    |
| 802.11ac (VHT40) | SISO    | 5300            | 1   | 20.140               | Pass    |
|                  |         | 5320            | 1   | 20.190               | Pass    |
|                  |         | 5500            | 1   | 20.171               | Pass    |
|                  |         | 5580            | 1   | 20.119               | Pass    |
|                  |         | 5700            | 1   | 20.179               | Pass    |
|                  |         | 5190            | 1   | 40.430               | Pass    |
|                  |         | 5230            | 1   | 40.149               | Pass    |
| 802.11ac (VHT80) | SISO    | 5270            | 1   | 40.188               | Pass    |
|                  |         | 5310            | 1   | 40.475               | Pass    |
|                  |         | 5510            | 1   | 40.786               | Pass    |
|                  |         | 5550            | 1   | 40.193               | Pass    |
|                  |         | 5670            | 1   | 40.451               | Pass    |
|                  |         | 5210            | 1   | 81.002               | Pass    |
| 802.11ac (VHT80) | SISO    | 5290            | 1   | 80.920               | Pass    |
|                  |         | 5530            | 1   | 80.956               | Pass    |
|                  |         | 5610            | 1   | 81.156               | Pass    |
|                  |         | 5610            | 1   | 81.156               | Pass    |



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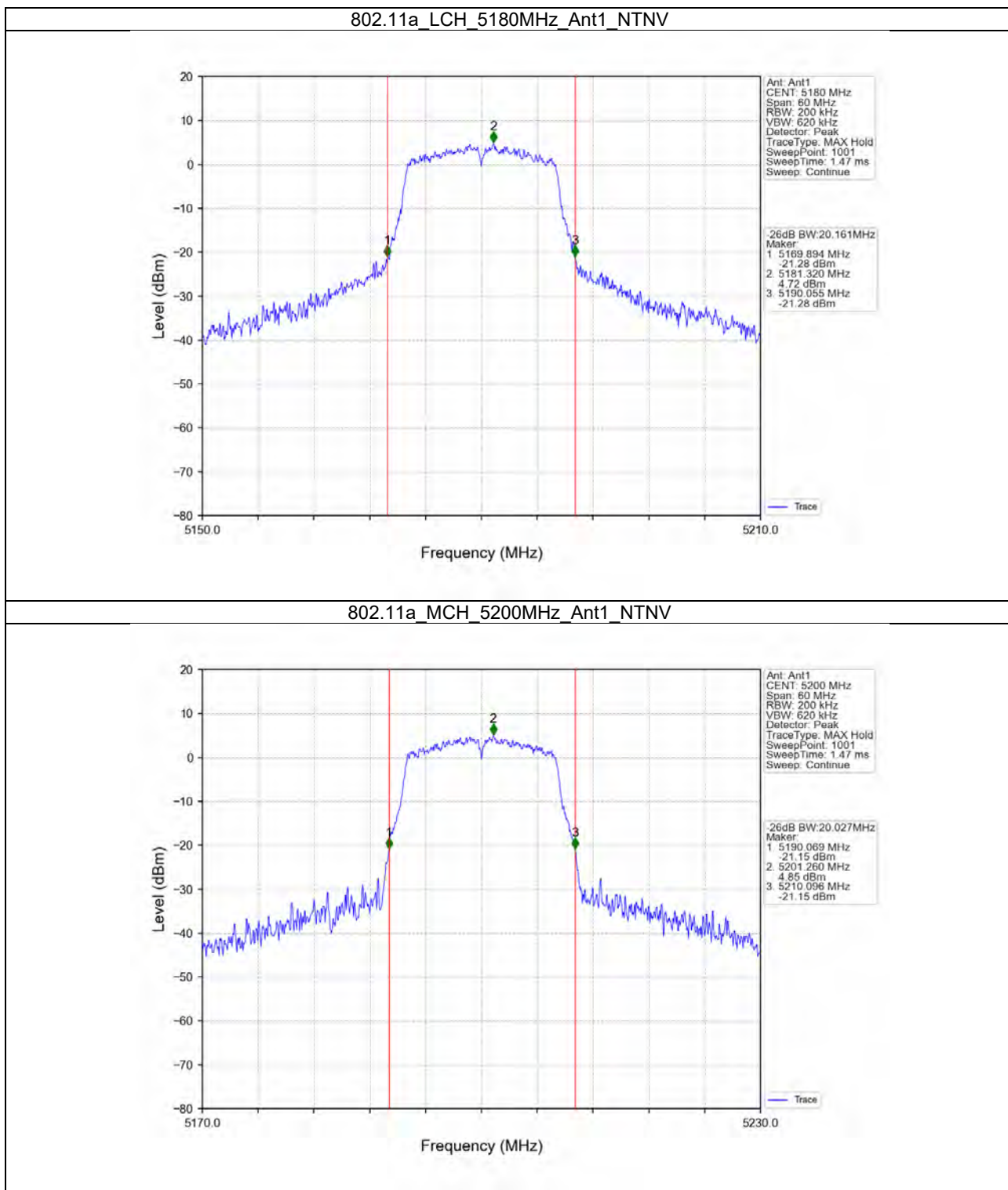
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### Test Graph



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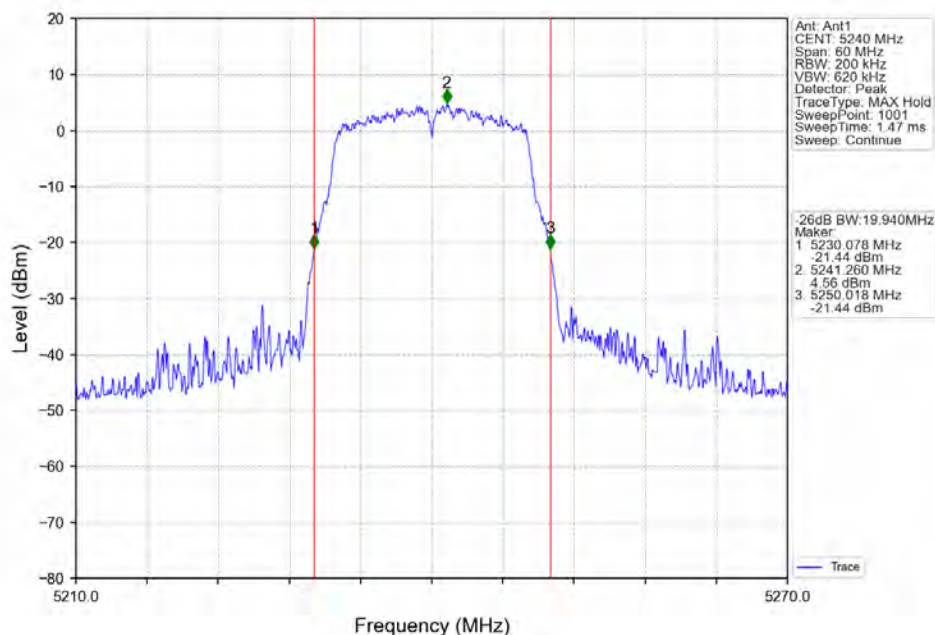
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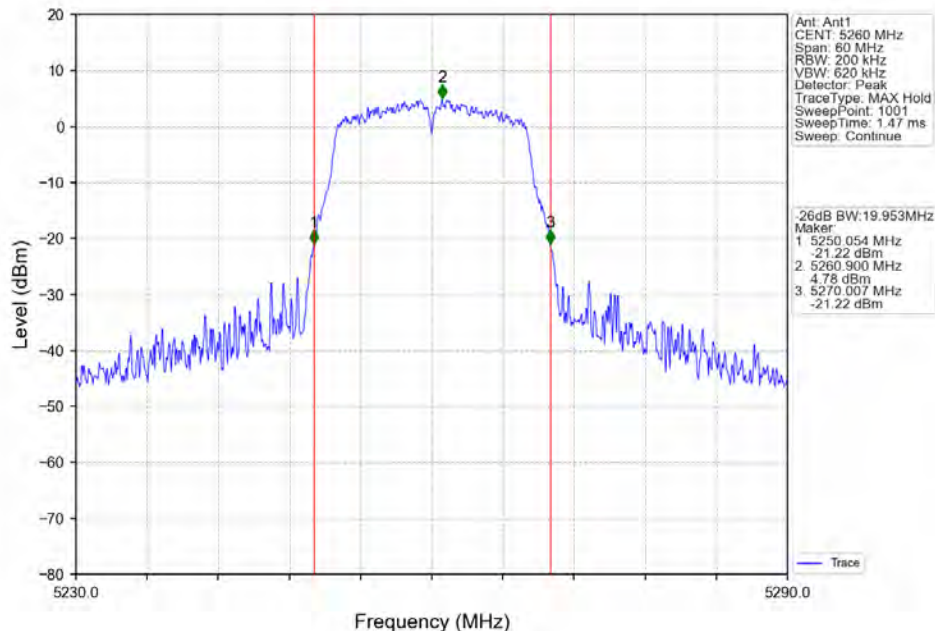
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### 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



### 802.11a\_LCH\_5260MHz\_Ant1\_NTNV



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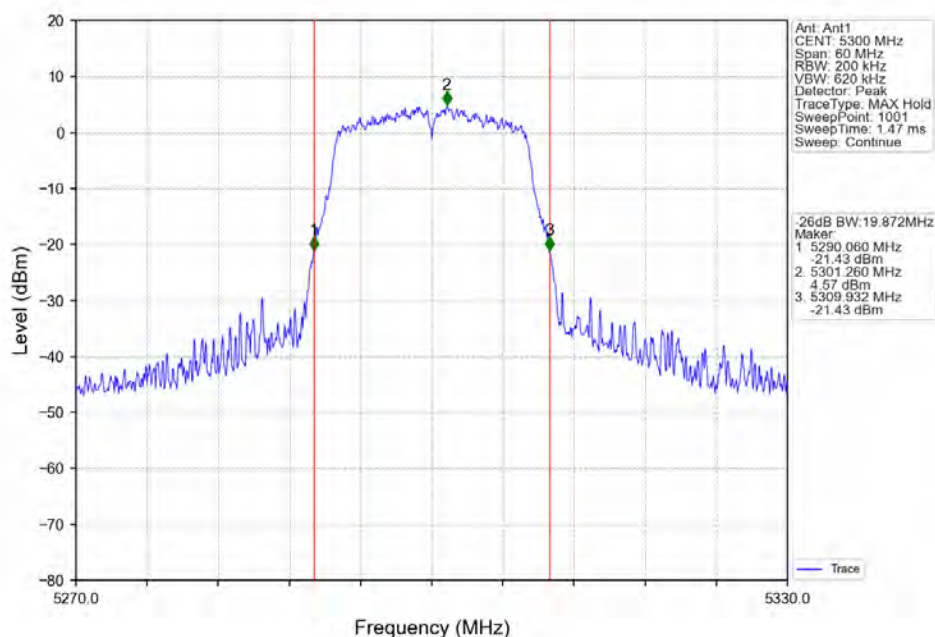
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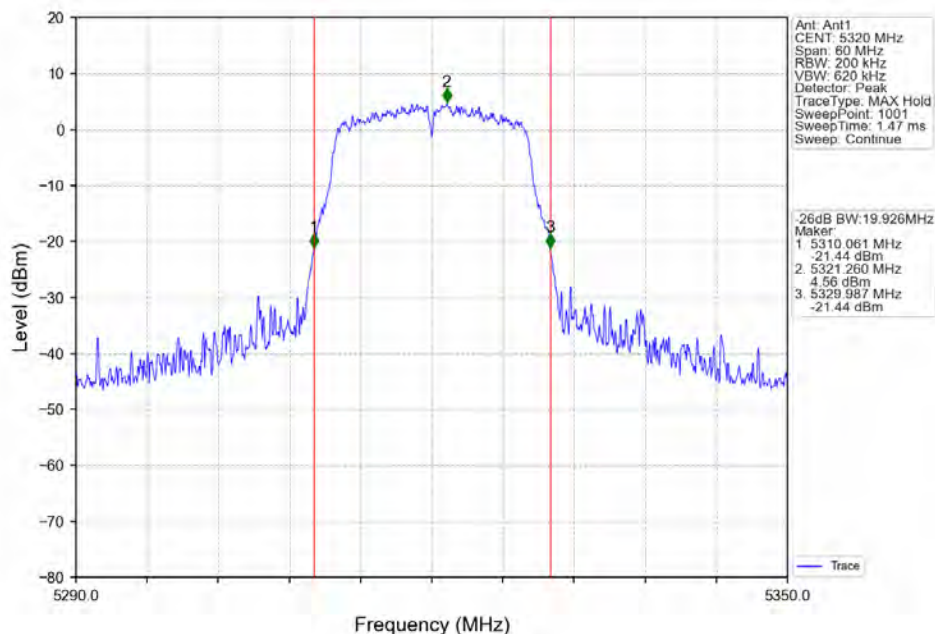
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### 802.11a\_MCH\_5300MHz\_Ant1\_NTNV



### 802.11a\_HCH\_5320MHz\_Ant1\_NTNV



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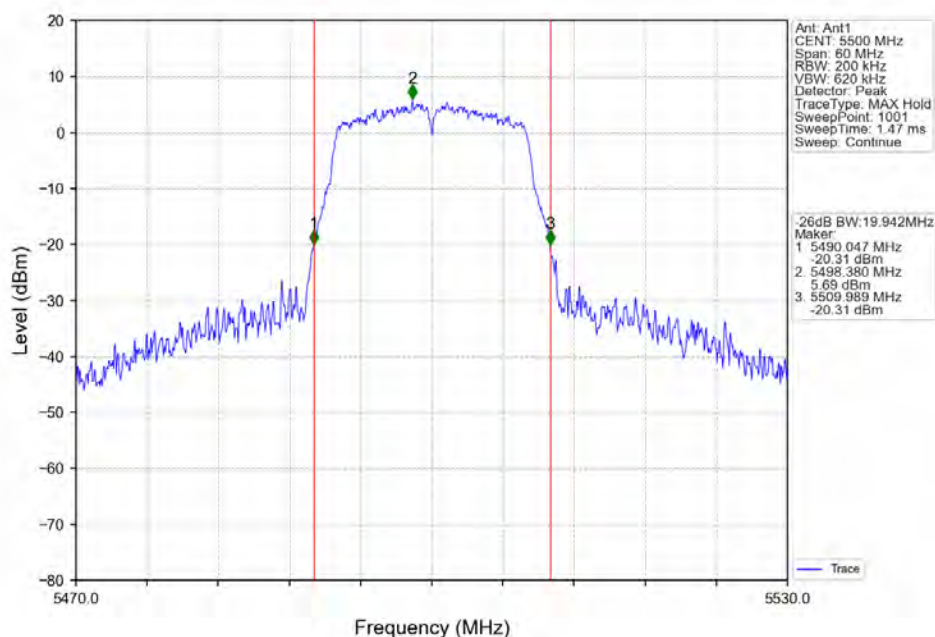
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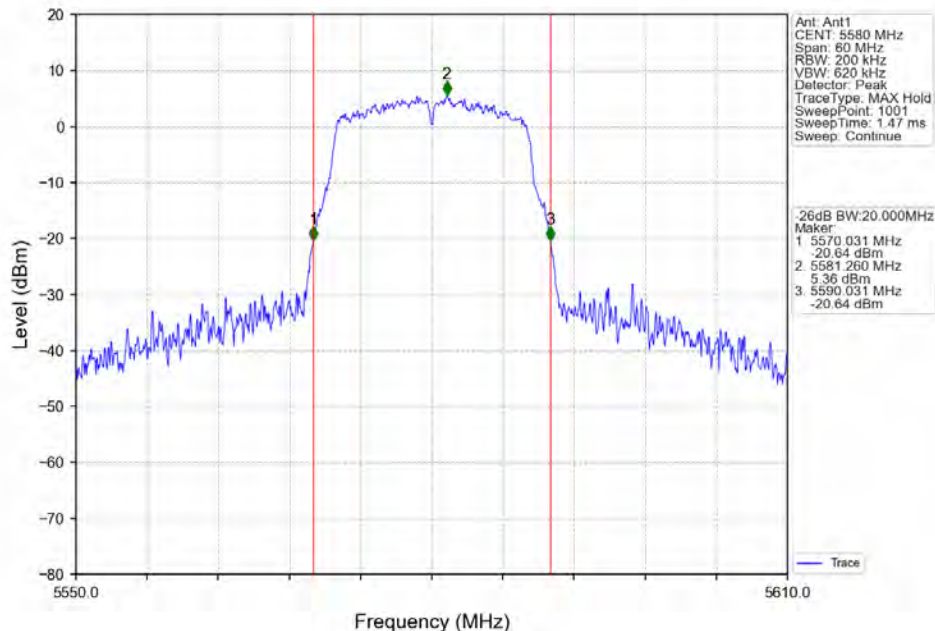
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### 802.11a\_LCH\_5500MHz\_Ant1\_NTNV



### 802.11a\_MCH\_5580MHz\_Ant1\_NTNV



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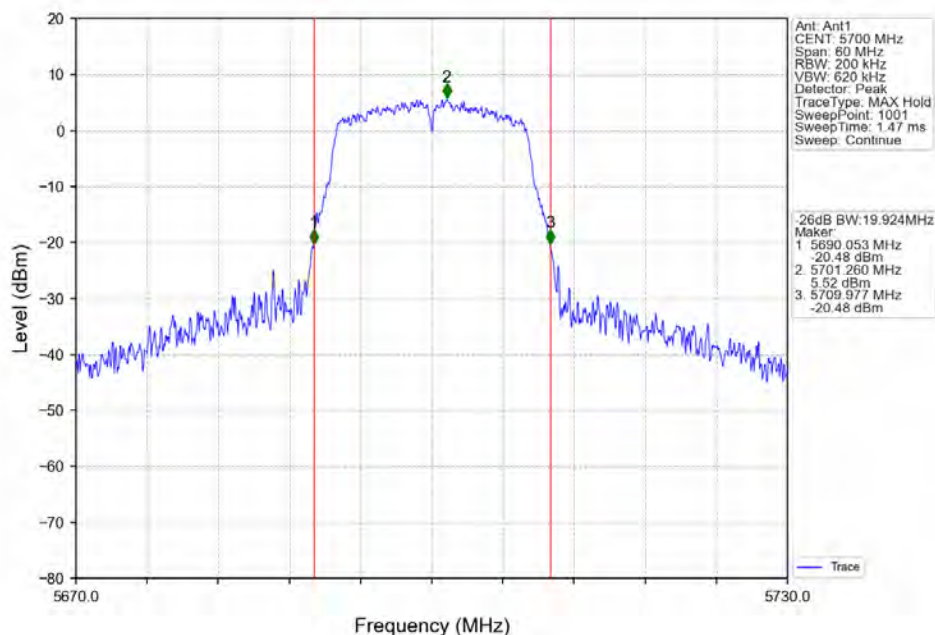
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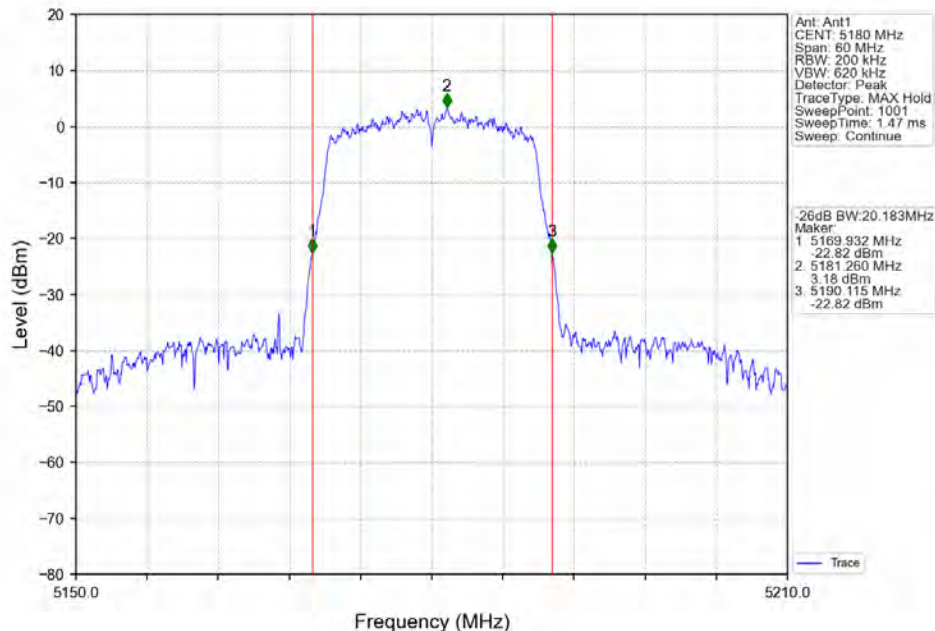
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802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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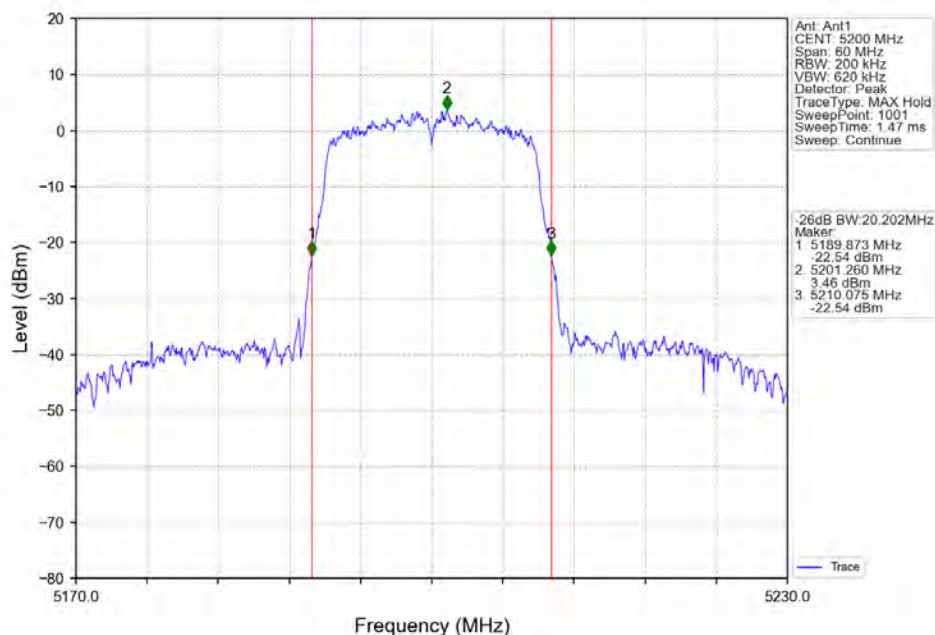
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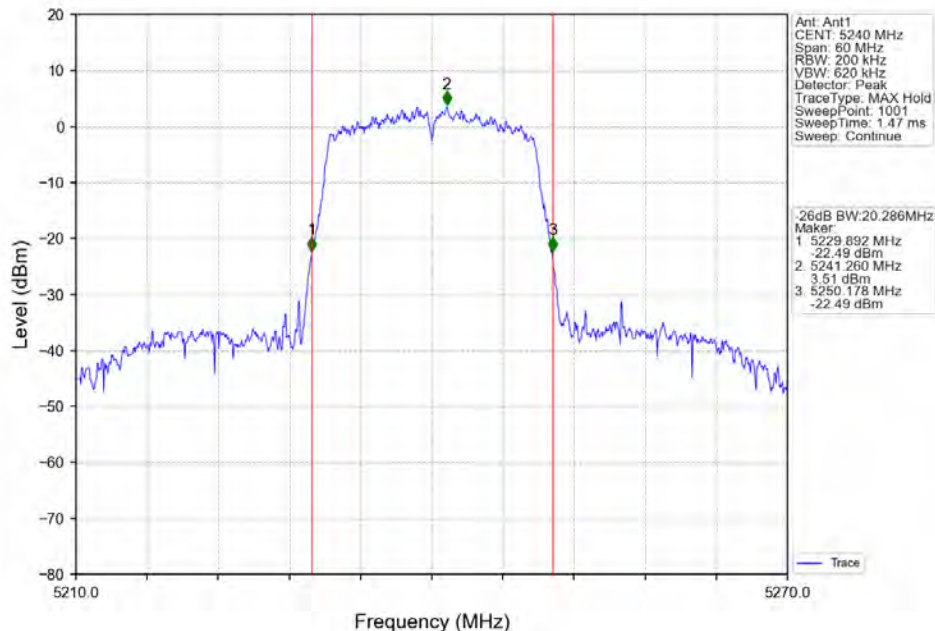
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



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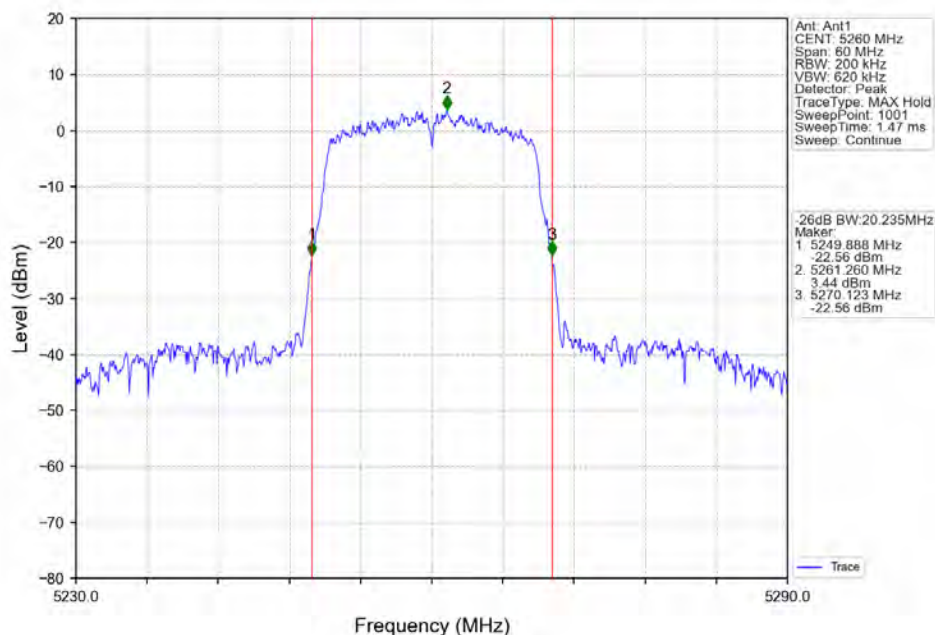
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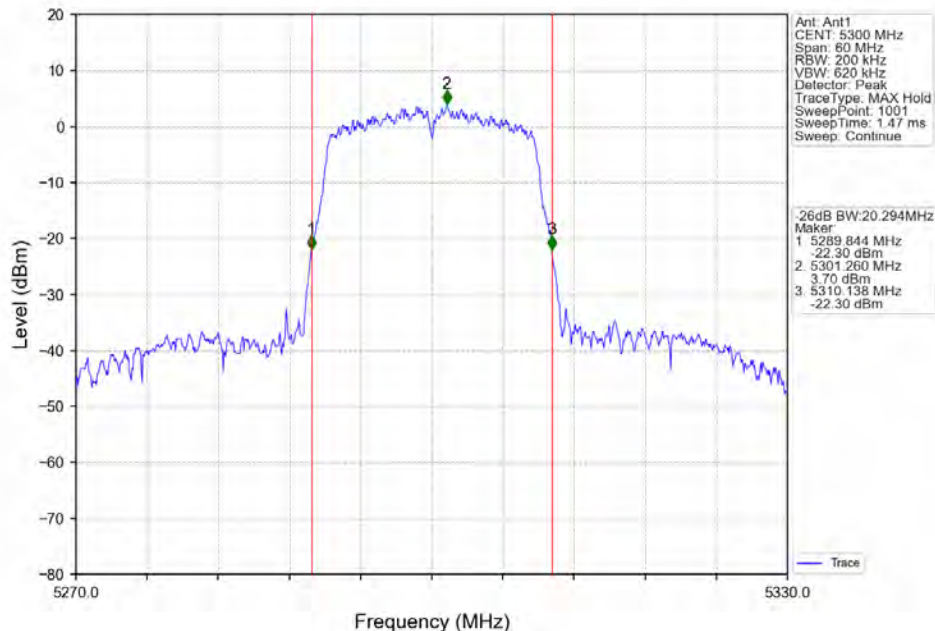
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802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



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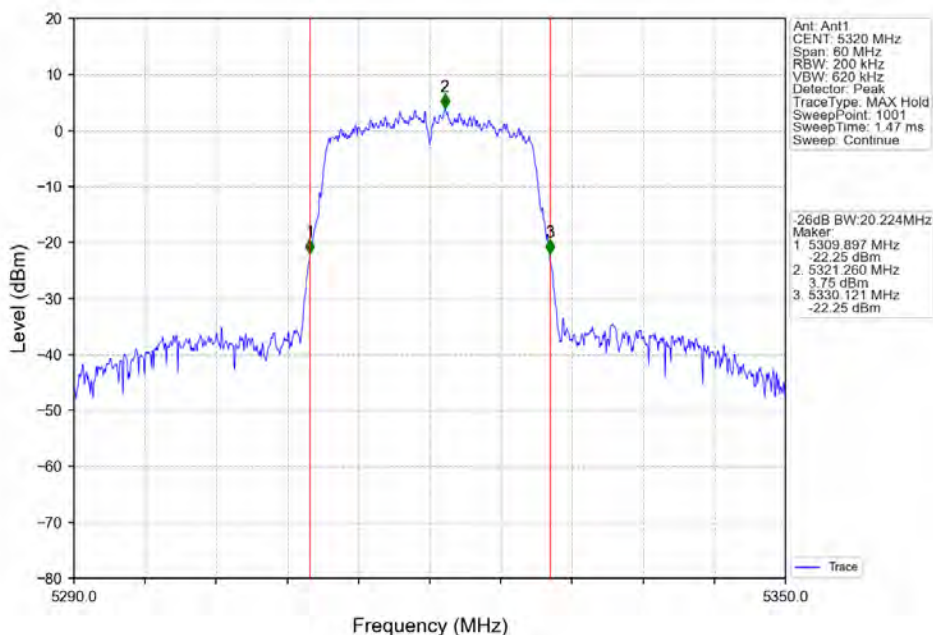
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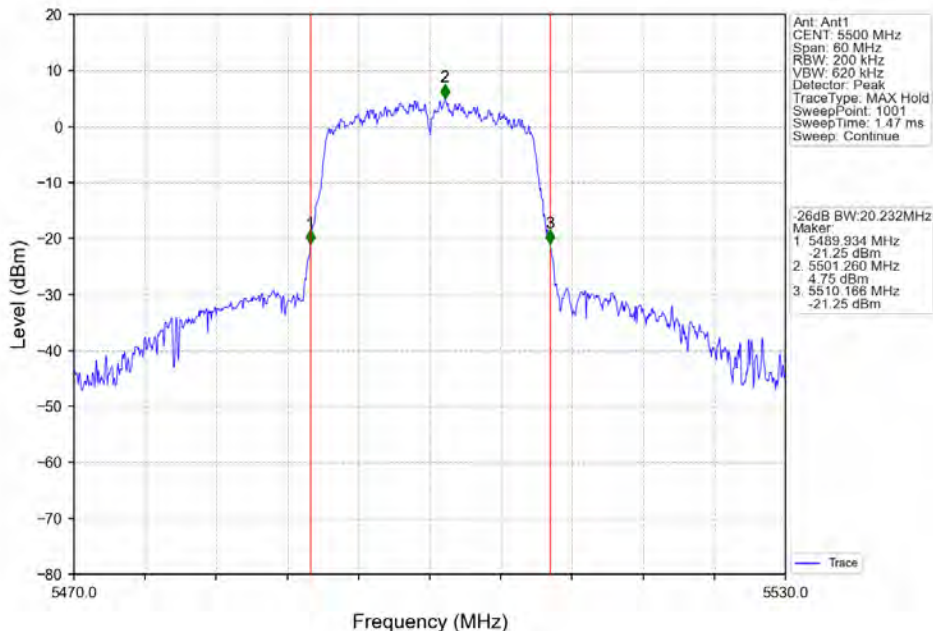
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802.11n(HT20) HCH 5320MHz\_Ant1\_NTNV



802.11n(HT20) LCH 5500MHz\_Ant1\_NTNV



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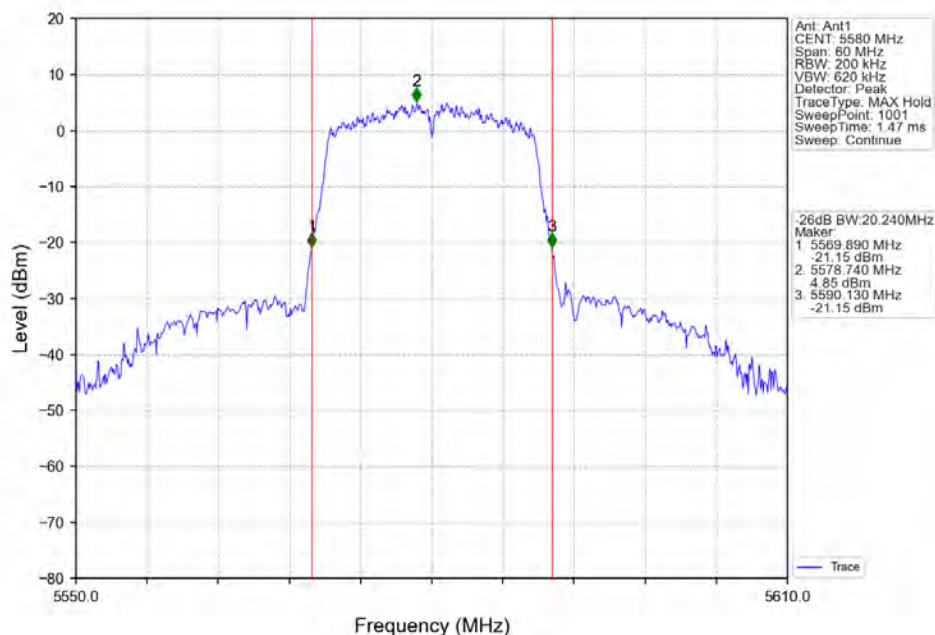
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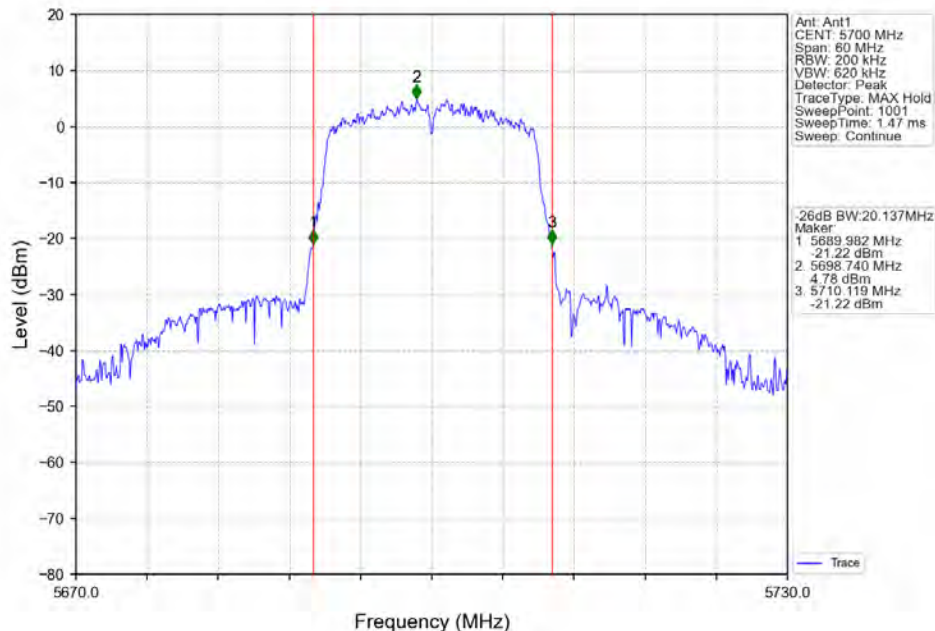
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### 802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



### 802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



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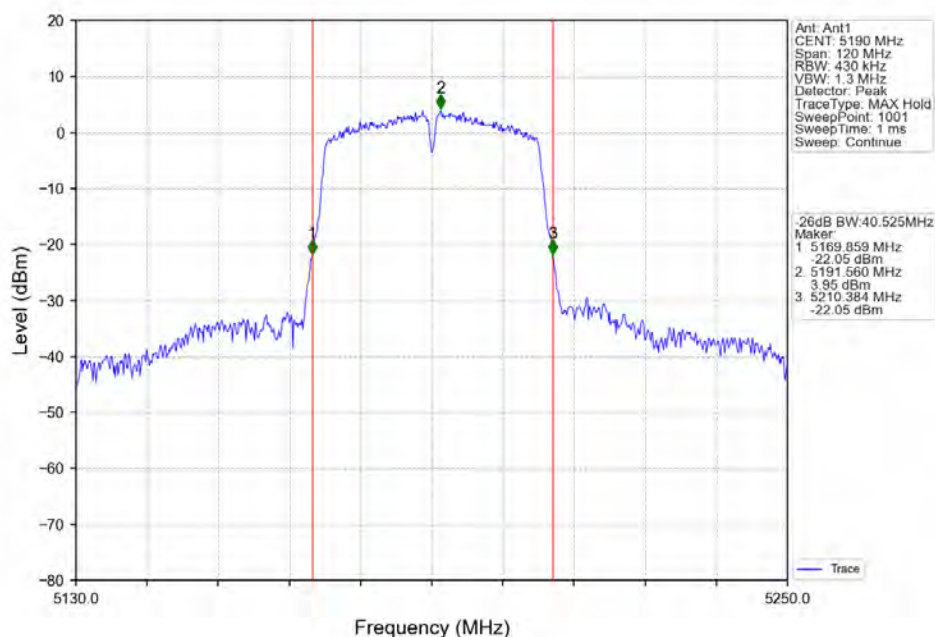
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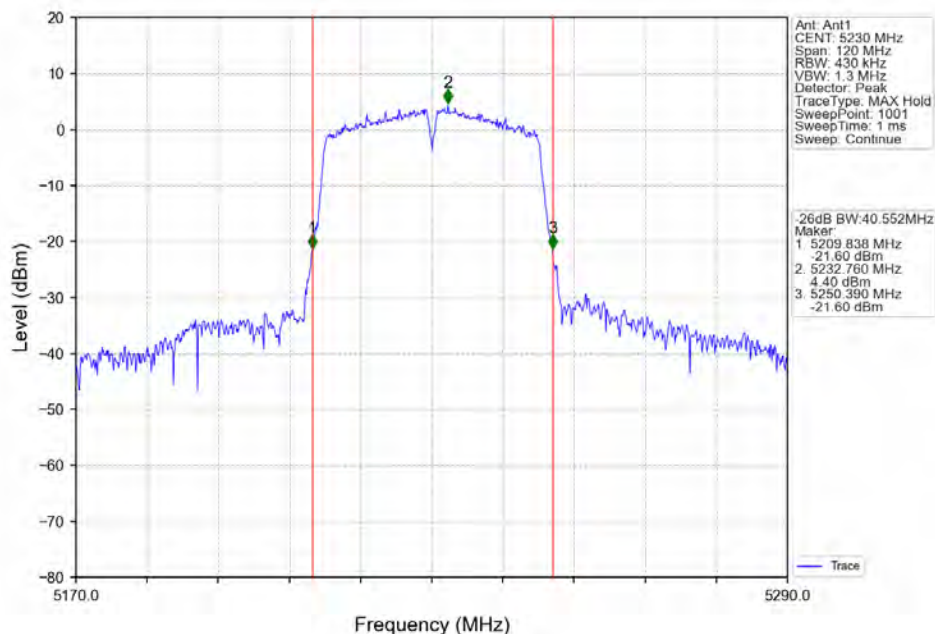
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802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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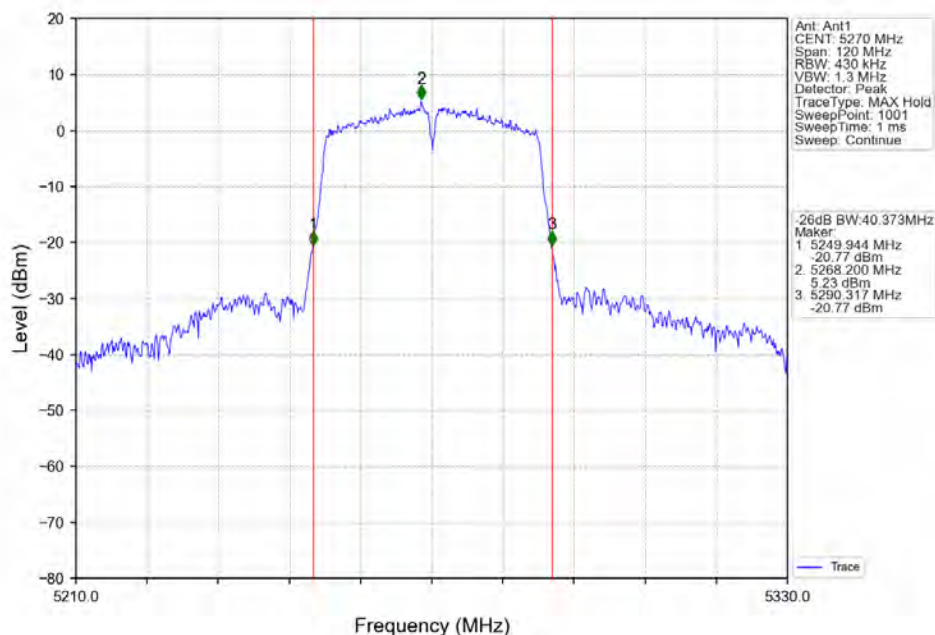
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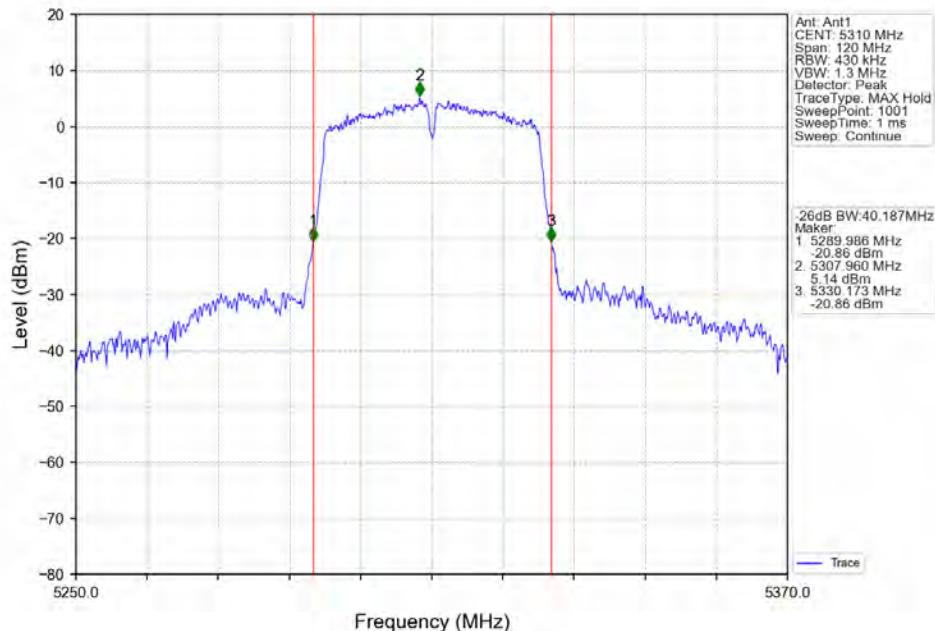
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



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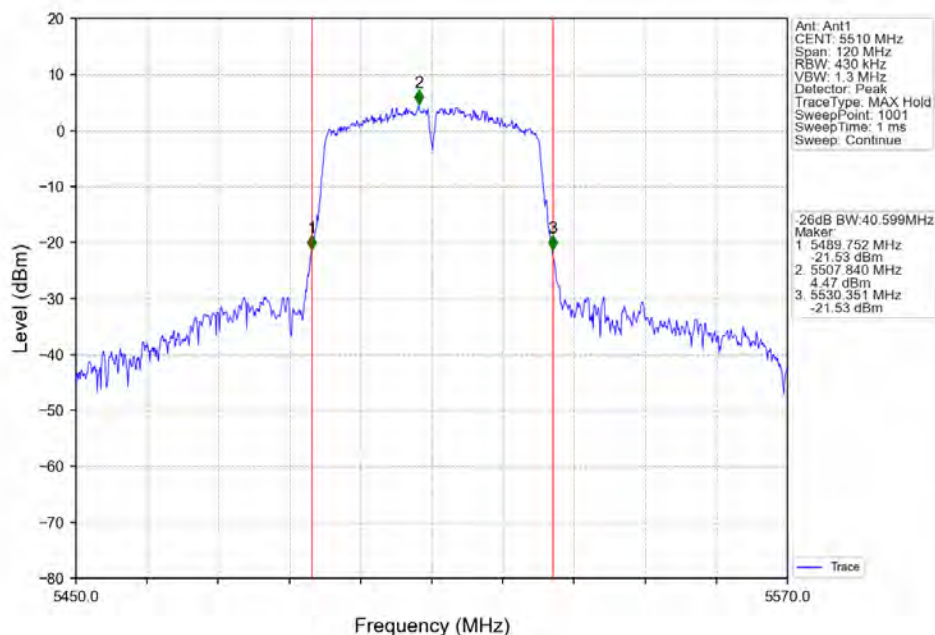
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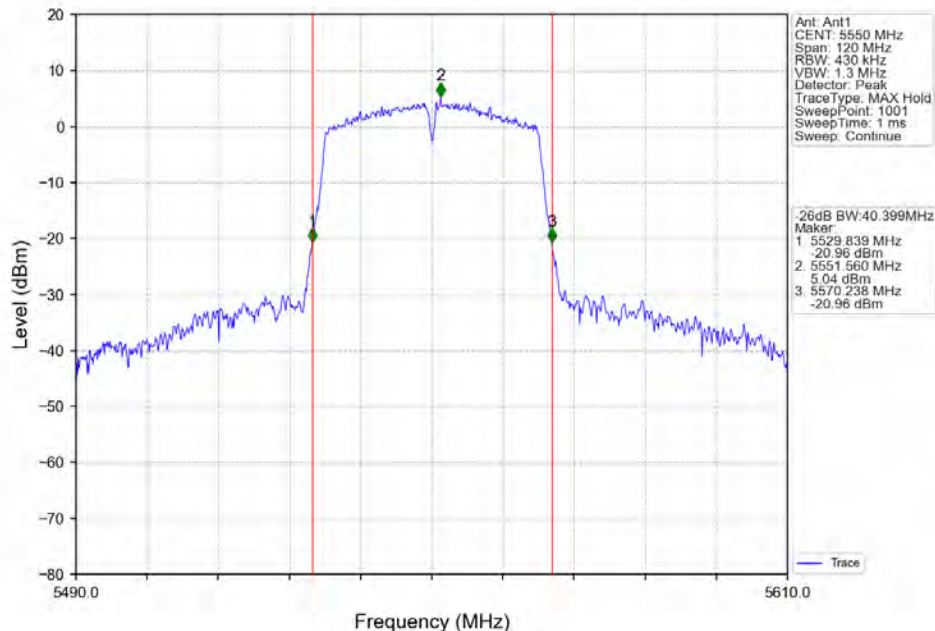
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802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



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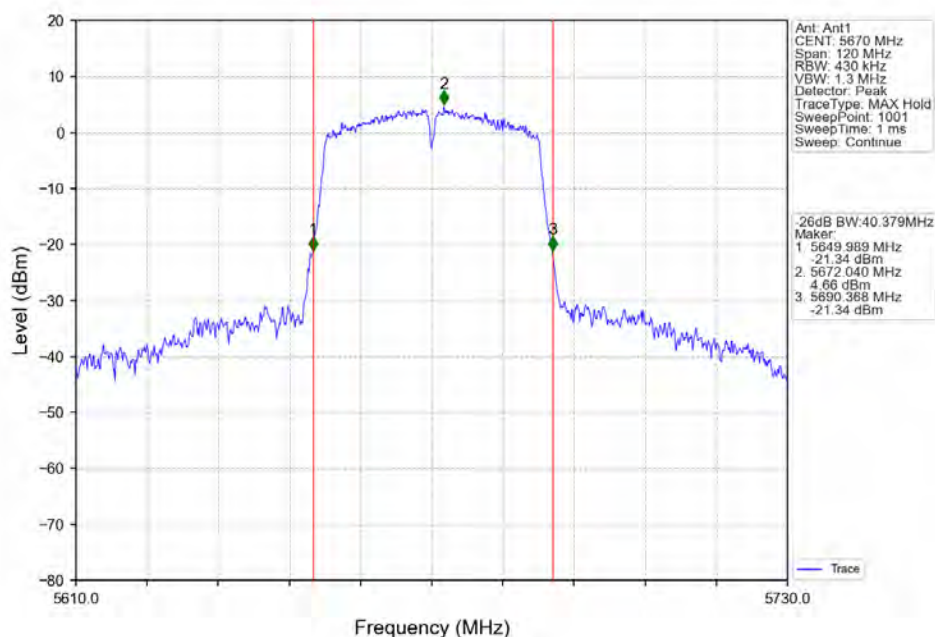
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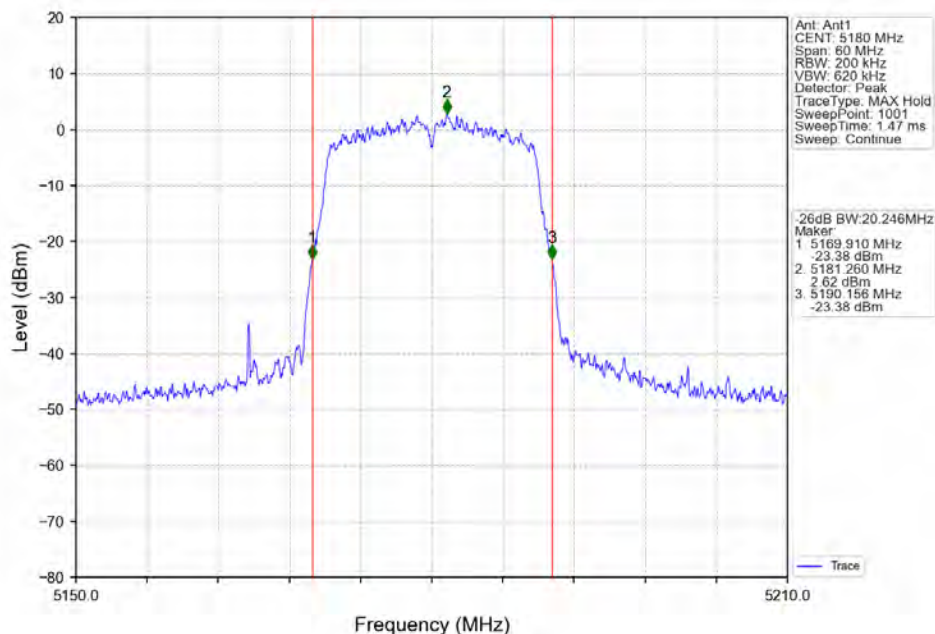
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### 802.11n(HT40) HCH 5670MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



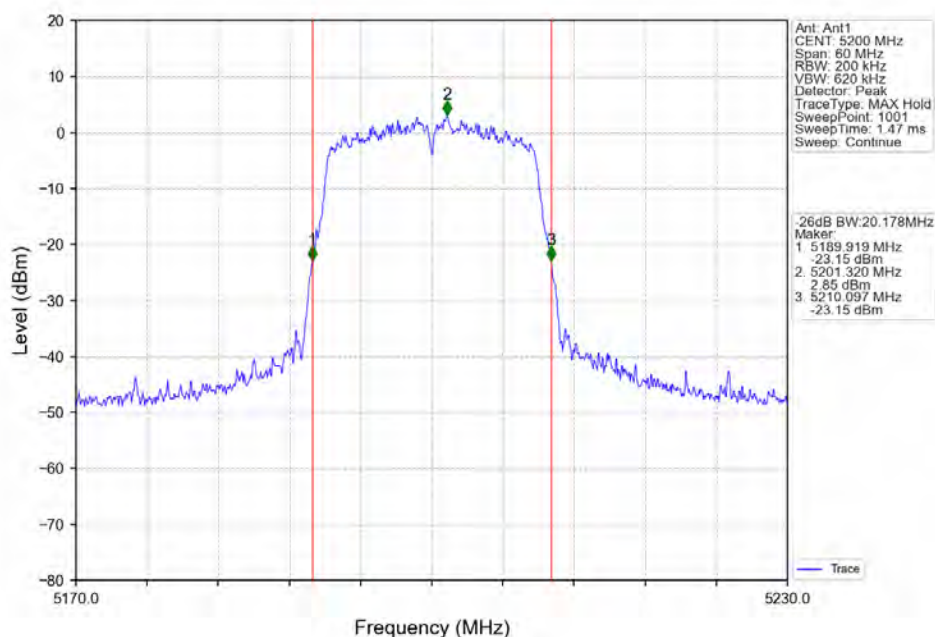
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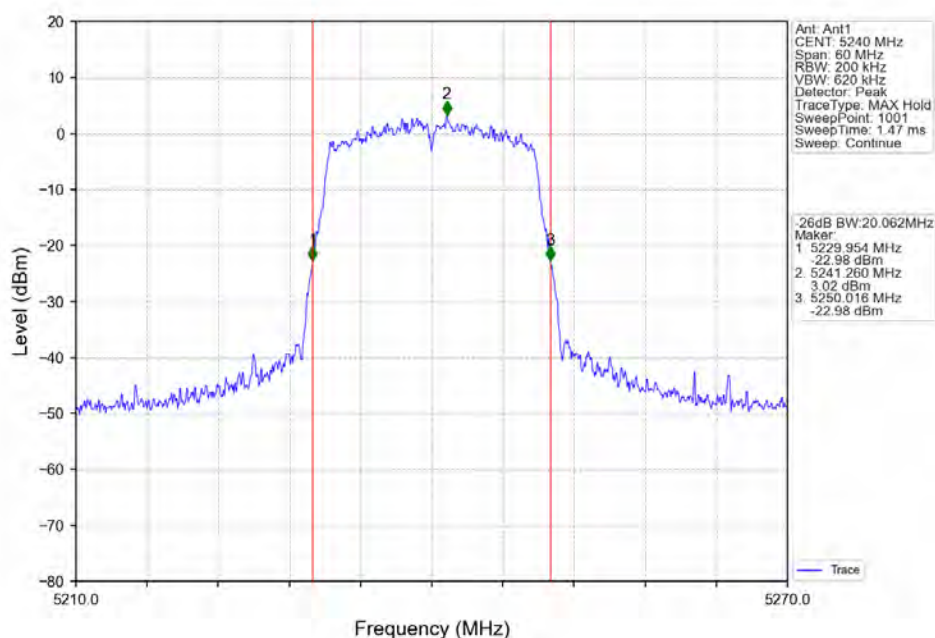
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802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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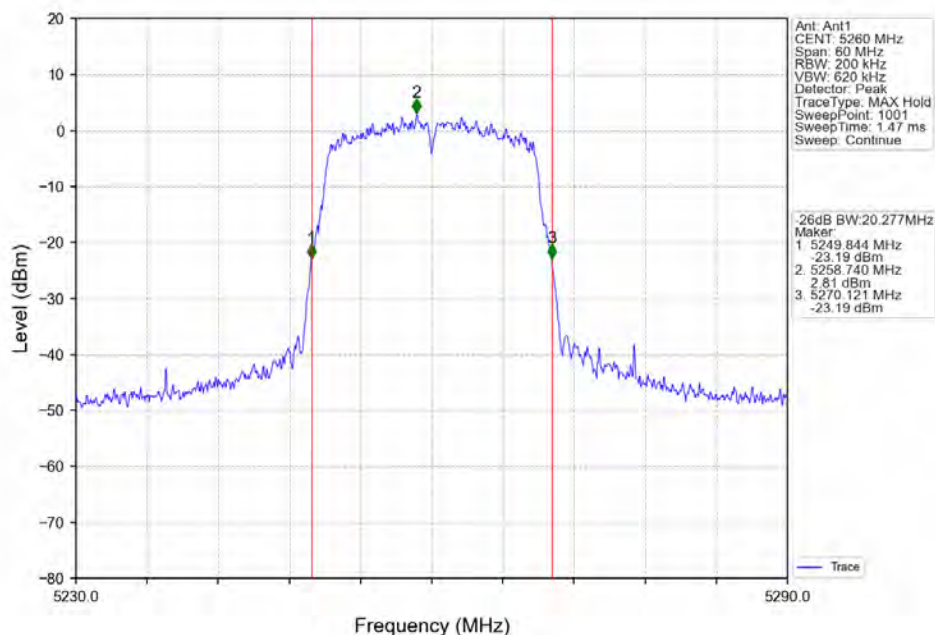
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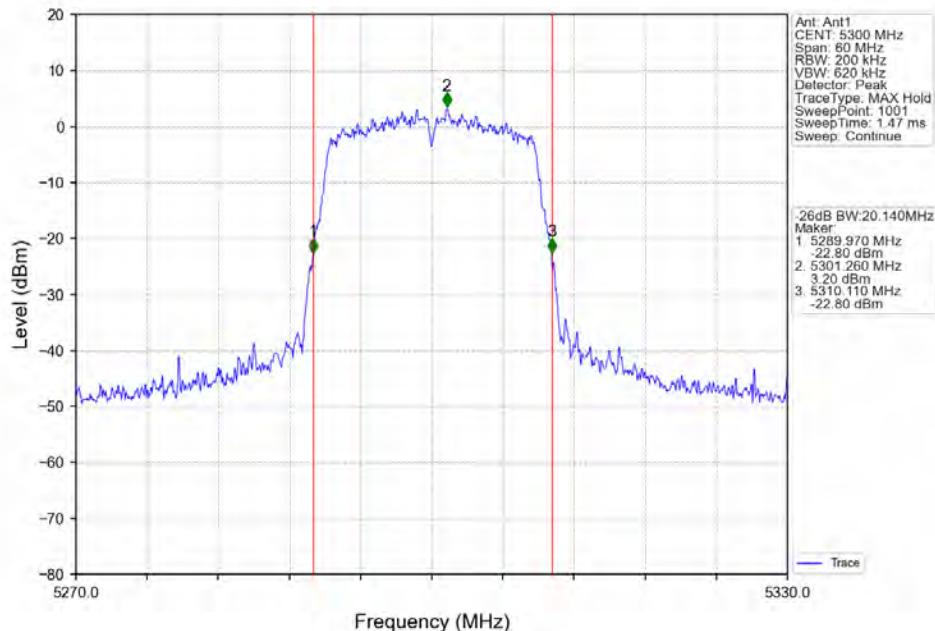
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802.11ac(VHT20) LCH\_5260MHz\_Ant1\_NTNV



802.11ac(VHT20) MCH\_5300MHz\_Ant1\_NTNV



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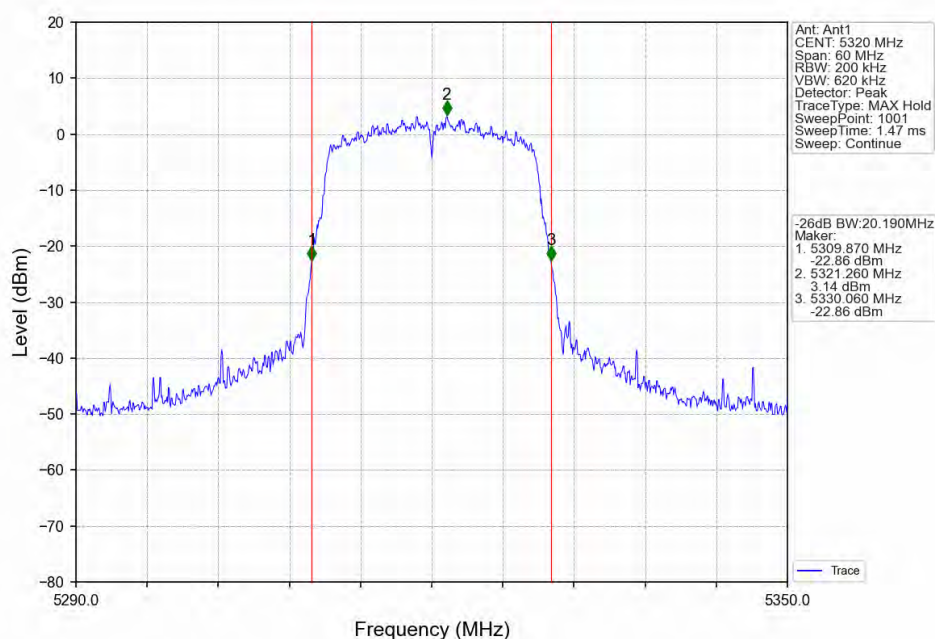
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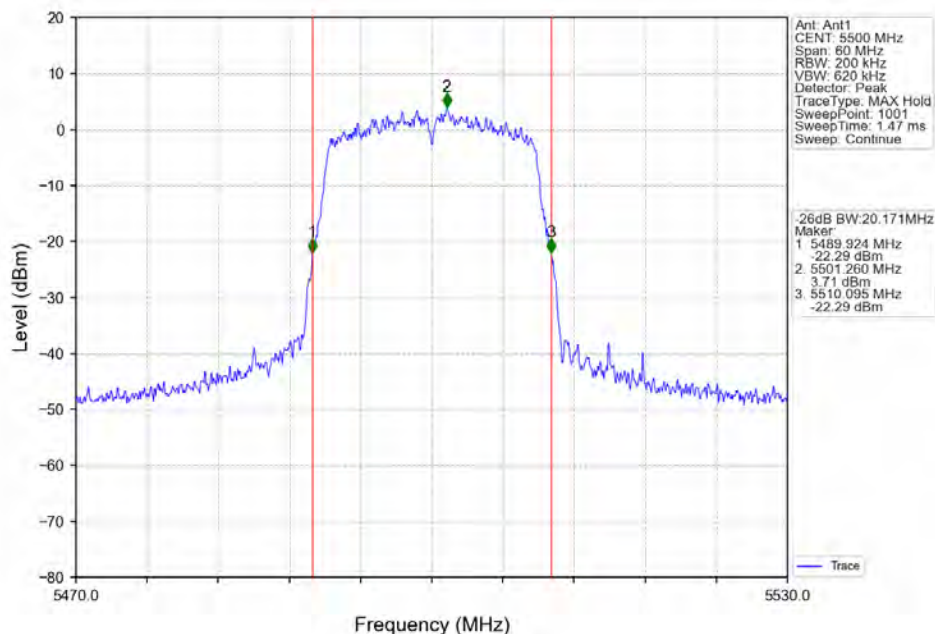
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802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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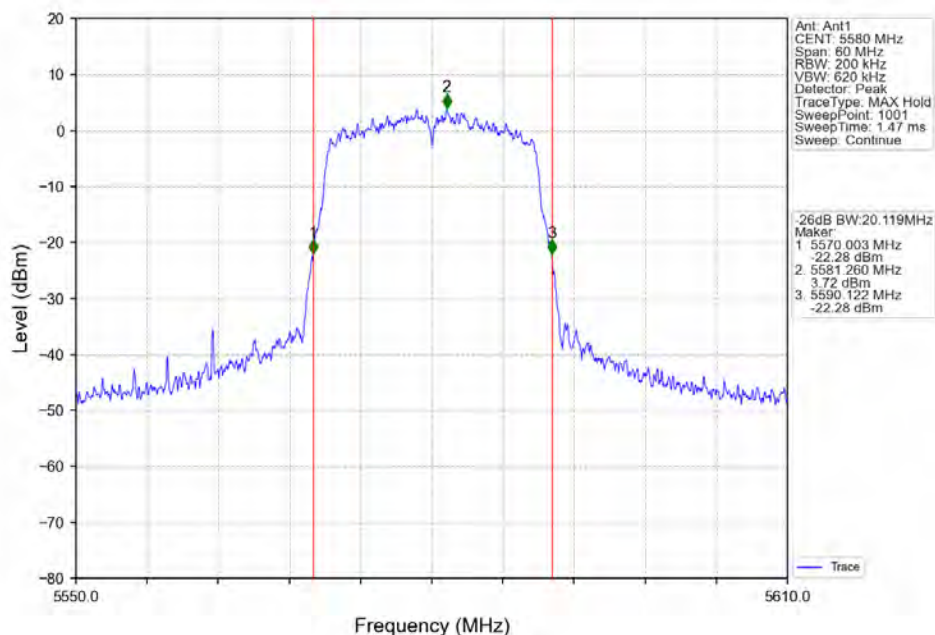
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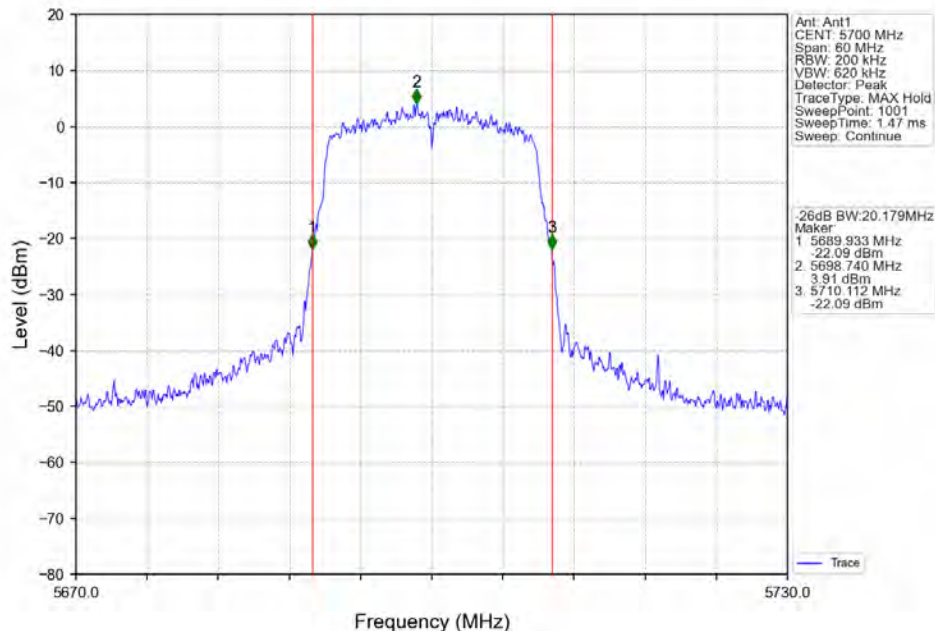
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802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



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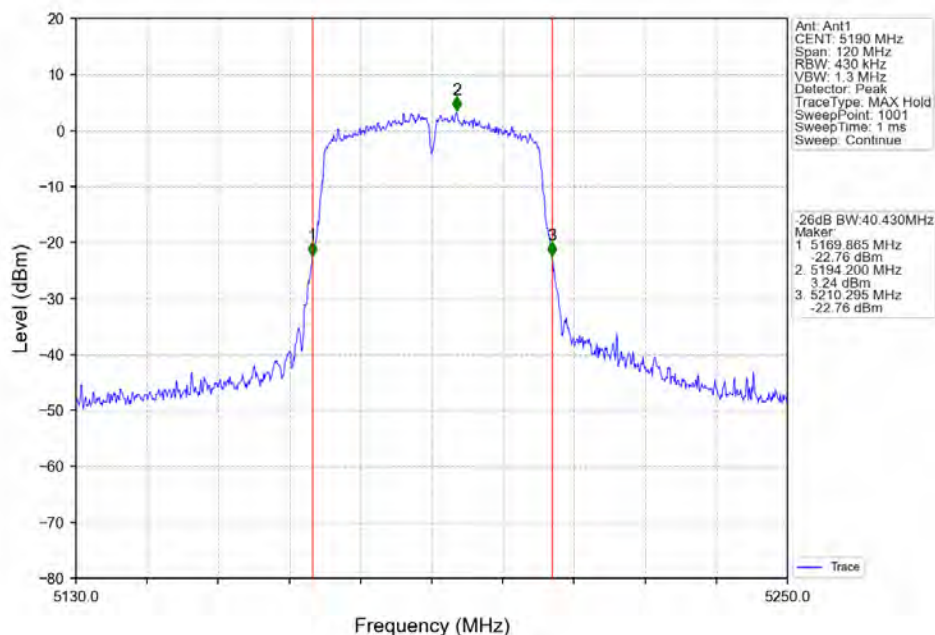
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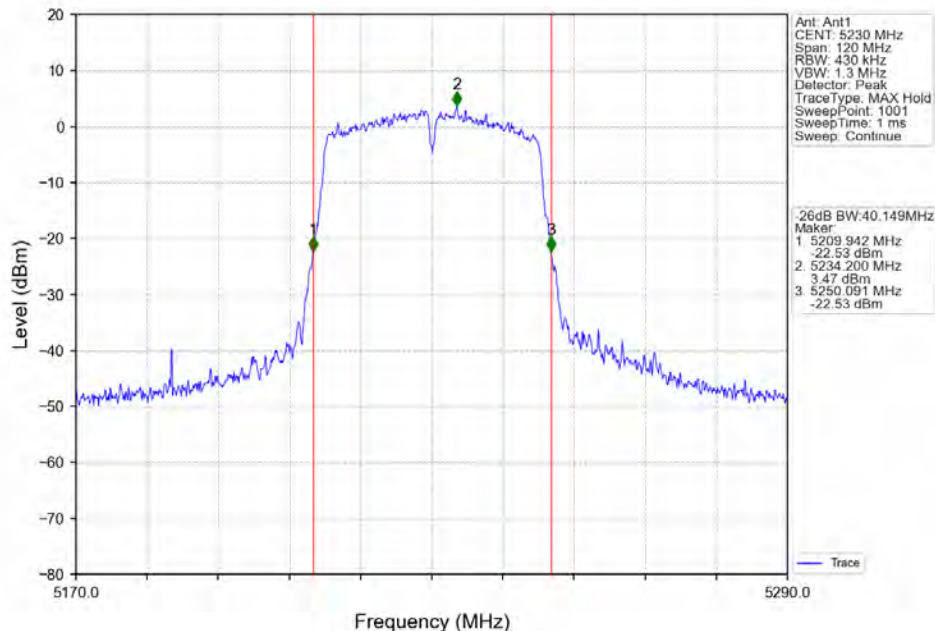
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802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



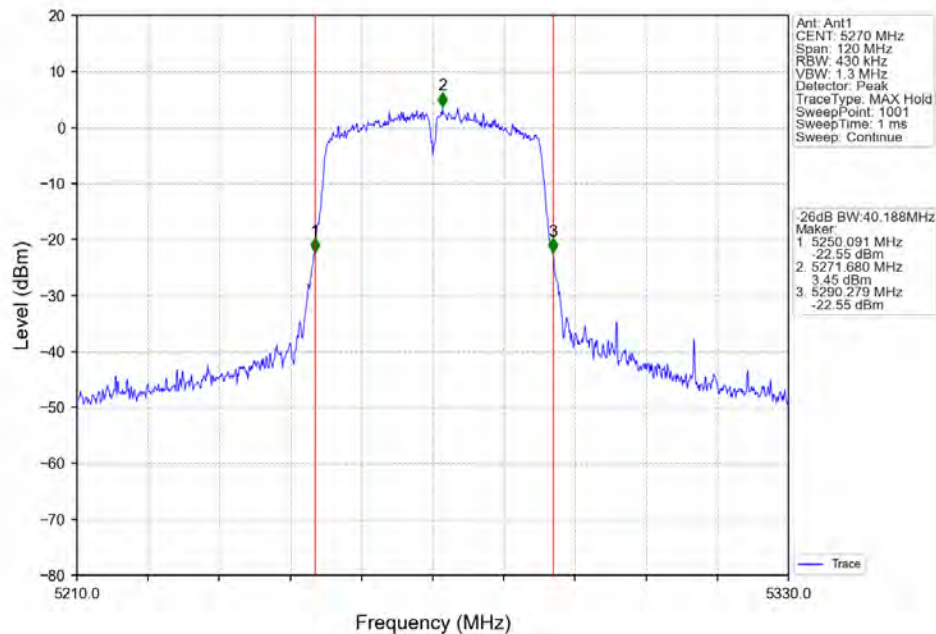
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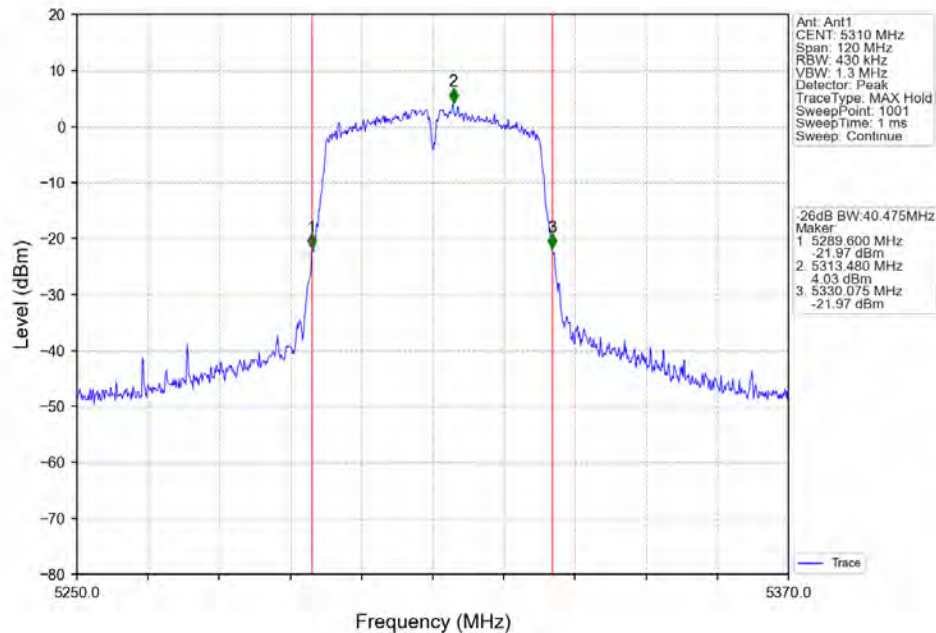
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### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



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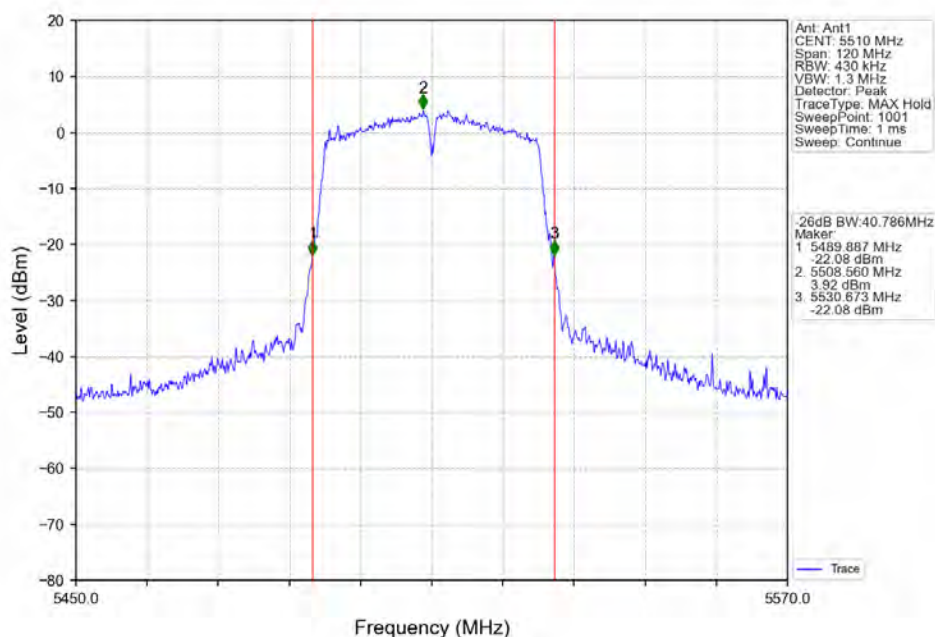
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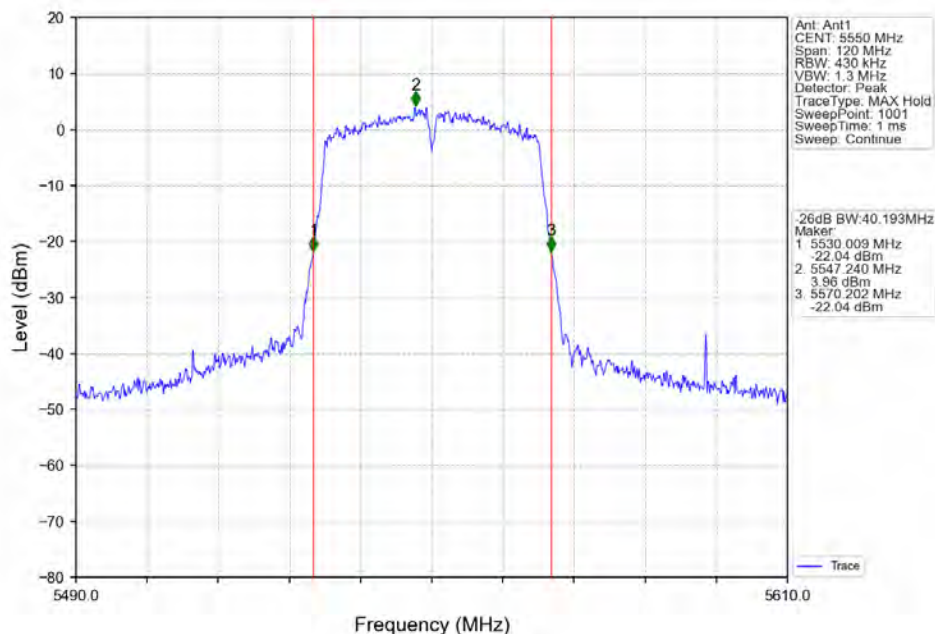
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### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



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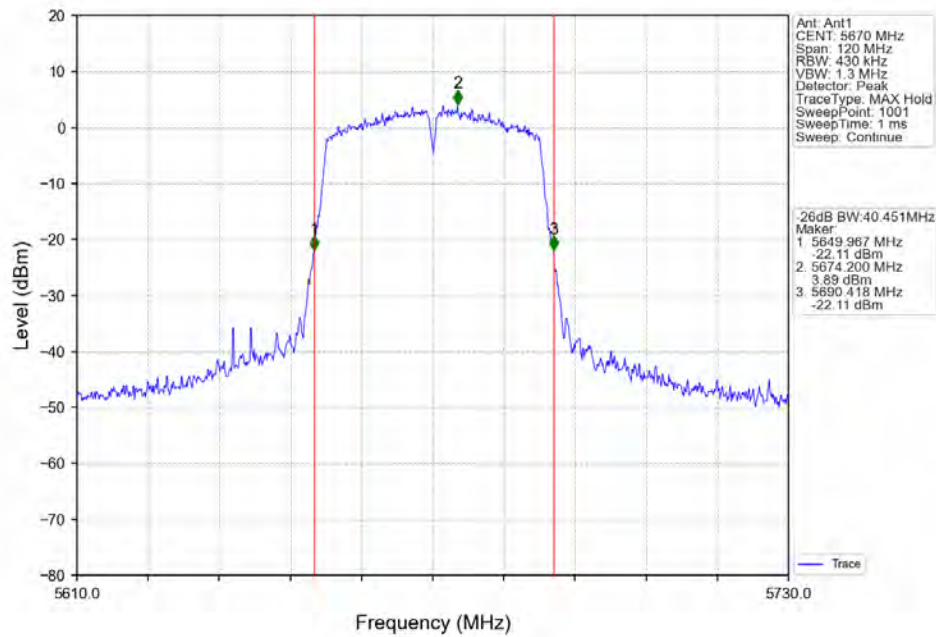
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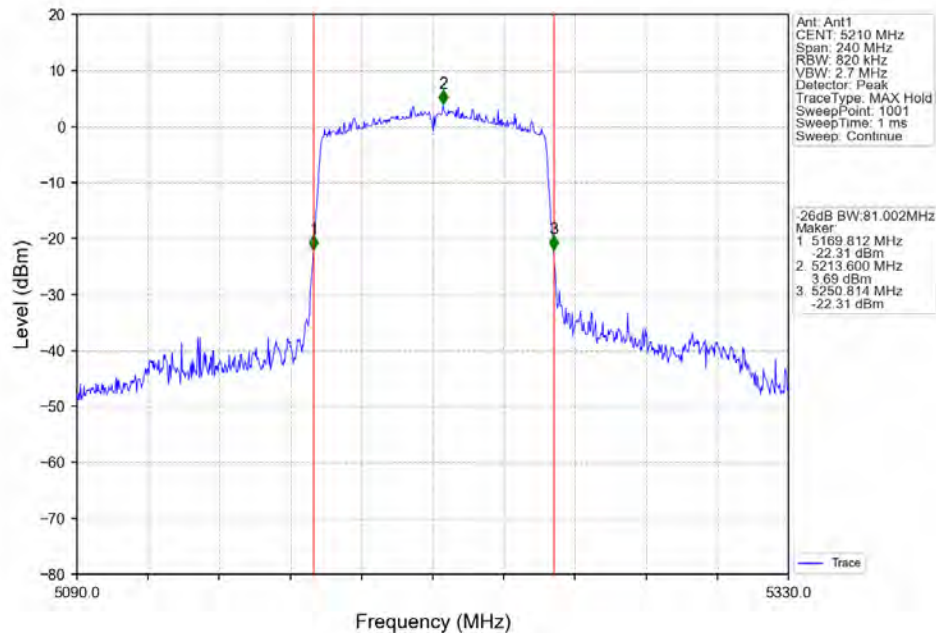
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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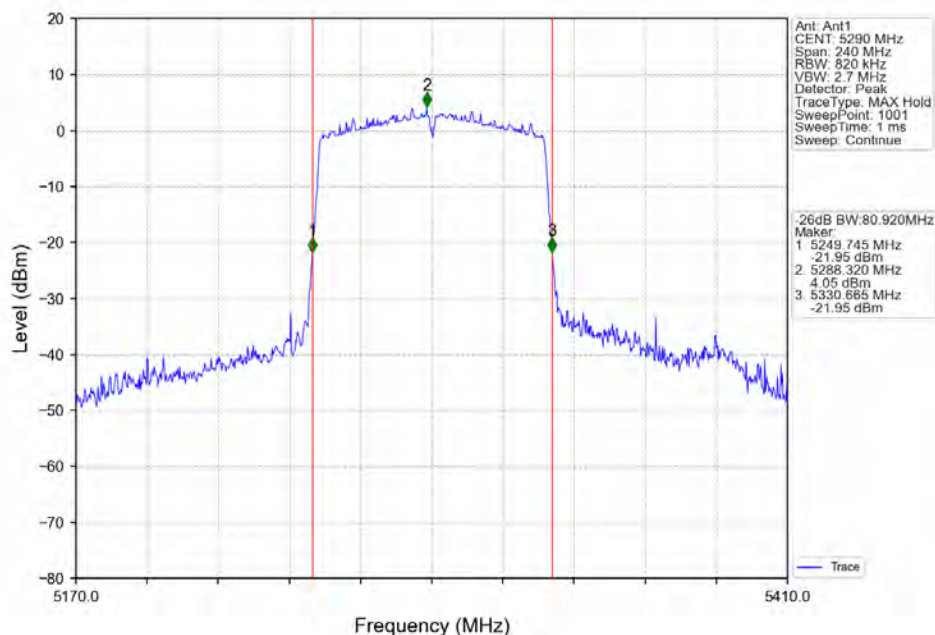
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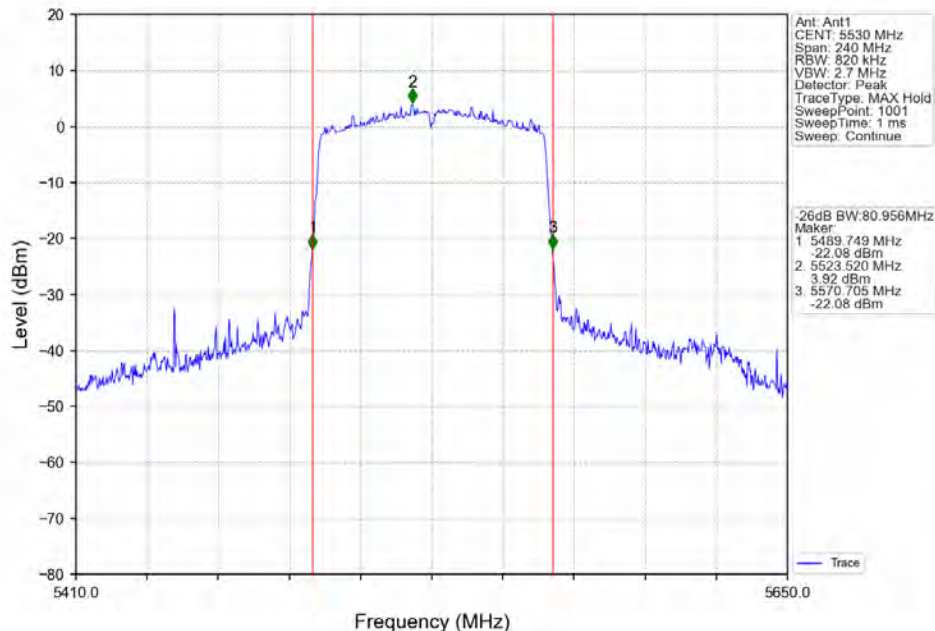
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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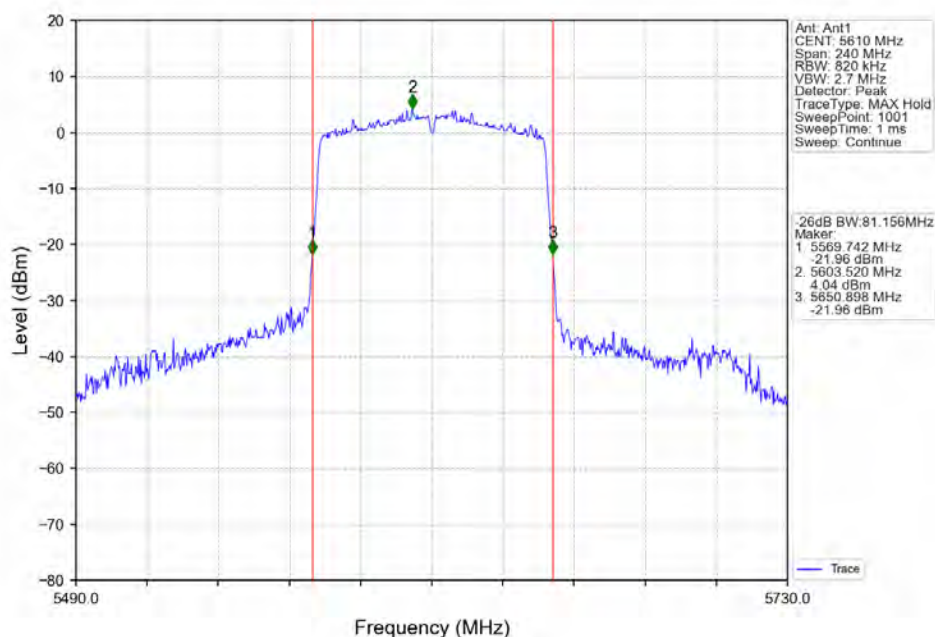
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802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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## Maximum Conducted Output Power Test Result

| Mode             | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) |         | Verdict |
|------------------|---------|-----------------|----------------------------------------------|---------|---------|
|                  |         |                 | ANT1                                         | Limit   |         |
| 802.11a          | SISO    | 5180            | 14.98                                        | <=23.98 | Pass    |
|                  |         | 5200            | 15.02                                        | <=23.98 | Pass    |
|                  |         | 5240            | 14.72                                        | <=23.98 | Pass    |
|                  |         | 5260            | 14.90                                        | <=23.98 | Pass    |
|                  |         | 5300            | 14.88                                        | <=23.98 | Pass    |
|                  |         | 5320            | 14.95                                        | <=23.98 | Pass    |
|                  |         | 5500            | 14.47                                        | <=23.98 | Pass    |
|                  |         | 5580            | 14.62                                        | <=23.98 | Pass    |
|                  |         | 5700            | 14.69                                        | <=23.98 | Pass    |
|                  |         | 5745            | 14.46                                        | <=30    | Pass    |
|                  |         | 5785            | 14.75                                        | <=30    | Pass    |
| 802.11n (HT20)   | SISO    | 5825            | 14.55                                        | <=30    | Pass    |
|                  |         | 5180            | 13.16                                        | <=23.98 | Pass    |
|                  |         | 5200            | 13.42                                        | <=23.98 | Pass    |
|                  |         | 5240            | 13.64                                        | <=23.98 | Pass    |
|                  |         | 5260            | 13.51                                        | <=23.98 | Pass    |
|                  |         | 5300            | 13.78                                        | <=23.98 | Pass    |
|                  |         | 5320            | 13.82                                        | <=23.98 | Pass    |
|                  |         | 5500            | 13.84                                        | <=23.98 | Pass    |
|                  |         | 5580            | 13.96                                        | <=23.98 | Pass    |
|                  |         | 5700            | 13.97                                        | <=23.98 | Pass    |
|                  |         | 5745            | 13.45                                        | <=30    | Pass    |
| 802.11n (HT40)   | SISO    | 5785            | 13.51                                        | <=30    | Pass    |
|                  |         | 5825            | 13.27                                        | <=30    | Pass    |
|                  |         | 5190            | 12.95                                        | <=23.98 | Pass    |
|                  |         | 5230            | 13.18                                        | <=23.98 | Pass    |
|                  |         | 5270            | 13.82                                        | <=23.98 | Pass    |
|                  |         | 5310            | 13.85                                        | <=23.98 | Pass    |
|                  |         | 5510            | 13.59                                        | <=23.98 | Pass    |
|                  |         | 5550            | 13.69                                        | <=23.98 | Pass    |
| 802.11ac (VHT20) | SISO    | 5670            | 13.71                                        | <=23.98 | Pass    |
|                  |         | 5755            | 13.30                                        | <=30    | Pass    |
|                  |         | 5795            | 13.56                                        | <=30    | Pass    |
|                  |         | 5180            | 12.63                                        | <=23.98 | Pass    |
|                  |         | 5200            | 12.88                                        | <=23.98 | Pass    |
|                  |         | 5240            | 13.19                                        | <=23.98 | Pass    |
|                  |         | 5260            | 13.01                                        | <=23.98 | Pass    |
|                  |         | 5300            | 13.25                                        | <=23.98 | Pass    |
|                  |         | 5320            | 13.36                                        | <=23.98 | Pass    |
|                  |         | 5500            | 13.76                                        | <=23.98 | Pass    |
|                  |         | 5580            | 13.90                                        | <=23.98 | Pass    |
| 802.11ac (VHT40) | SISO    | 5700            | 13.06                                        | <=23.98 | Pass    |
|                  |         | 5745            | 13.41                                        | <=30    | Pass    |
|                  |         | 5785            | 13.48                                        | <=30    | Pass    |
|                  |         | 5825            | 13.39                                        | <=30    | Pass    |
|                  |         | 5190            | 12.38                                        | <=23.98 | Pass    |
|                  | SISO    | 5230            | 12.63                                        | <=23.98 | Pass    |
|                  |         | 5270            | 12.69                                        | <=23.98 | Pass    |
|                  |         | 5310            | 12.71                                        | <=23.98 | Pass    |



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|                     |      |      |       |         |      |
|---------------------|------|------|-------|---------|------|
|                     |      | 5510 | 13.04 | <=23.98 | Pass |
|                     |      | 5550 | 13.16 | <=23.98 | Pass |
|                     |      | 5670 | 13.09 | <=23.98 | Pass |
|                     |      | 5755 | 12.91 | <=30    | Pass |
|                     |      | 5795 | 12.90 | <=30    | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 12.49 | <=23.98 | Pass |
|                     |      | 5290 | 12.82 | <=23.98 | Pass |
|                     |      | 5530 | 13.06 | <=23.98 | Pass |
|                     |      | 5610 | 13.10 | <=23.98 | Pass |
|                     |      | 5775 | 13.47 | <=30    | Pass |



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## Maximum Power Spectral Density Test Result

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) |       | Verdict |
|------------------|---------|-----------------|-----------------------|-------|---------|
|                  |         |                 | ANT1                  | Limit |         |
| 802.11a          | SISO    | 5180            | 3.76                  | <=11  | Pass    |
|                  |         | 5200            | 3.73                  | <=11  | Pass    |
|                  |         | 5240            | 3.47                  | <=11  | Pass    |
|                  |         | 5260            | 3.59                  | <=11  | Pass    |
|                  |         | 5300            | 3.65                  | <=11  | Pass    |
|                  |         | 5320            | 3.66                  | <=11  | Pass    |
|                  |         | 5500            | 4.16                  | <=11  | Pass    |
|                  |         | 5580            | 4.29                  | <=11  | Pass    |
|                  |         | 5700            | 4.56                  | <=11  | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | 1.78                  | <=11  | Pass    |
|                  |         | 5200            | 1.95                  | <=11  | Pass    |
|                  |         | 5240            | 2.23                  | <=11  | Pass    |
|                  |         | 5260            | 1.96                  | <=11  | Pass    |
|                  |         | 5300            | 2.36                  | <=11  | Pass    |
|                  |         | 5320            | 2.40                  | <=11  | Pass    |
|                  |         | 5500            | 3.46                  | <=11  | Pass    |
|                  |         | 5580            | 3.58                  | <=11  | Pass    |
|                  |         | 5700            | 3.54                  | <=11  | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | -0.44                 | <=11  | Pass    |
|                  |         | 5230            | -0.17                 | <=11  | Pass    |
|                  |         | 5270            | 0.39                  | <=11  | Pass    |
|                  |         | 5310            | 0.55                  | <=11  | Pass    |
|                  |         | 5510            | 0.28                  | <=11  | Pass    |
|                  |         | 5550            | 0.41                  | <=11  | Pass    |
|                  |         | 5670            | 0.68                  | <=11  | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | 1.18                  | <=11  | Pass    |
|                  |         | 5200            | 1.48                  | <=11  | Pass    |
|                  |         | 5240            | 1.82                  | <=11  | Pass    |
|                  |         | 5260            | 1.63                  | <=11  | Pass    |
|                  |         | 5300            | 1.77                  | <=11  | Pass    |
|                  |         | 5320            | 1.93                  | <=11  | Pass    |
|                  |         | 5500            | 2.46                  | <=11  | Pass    |
|                  |         | 5580            | 2.49                  | <=11  | Pass    |
|                  |         | 5700            | 2.66                  | <=11  | Pass    |
| 802.11ac (VHT40) | SISO    | 5190            | -1.02                 | <=11  | Pass    |
|                  |         | 5230            | -0.67                 | <=11  | Pass    |
|                  |         | 5270            | -0.61                 | <=11  | Pass    |
|                  |         | 5310            | -0.68                 | <=11  | Pass    |
|                  |         | 5510            | -0.43                 | <=11  | Pass    |
|                  |         | 5550            | -0.09                 | <=11  | Pass    |
|                  |         | 5670            | -0.36                 | <=11  | Pass    |
| 802.11ac (VHT80) | SISO    | 5210            | -3.78                 | <=11  | Pass    |
|                  |         | 5290            | -3.68                 | <=11  | Pass    |
|                  |         | 5530            | -3.61                 | <=11  | Pass    |
|                  |         | 5610            | -3.65                 | <=11  | Pass    |



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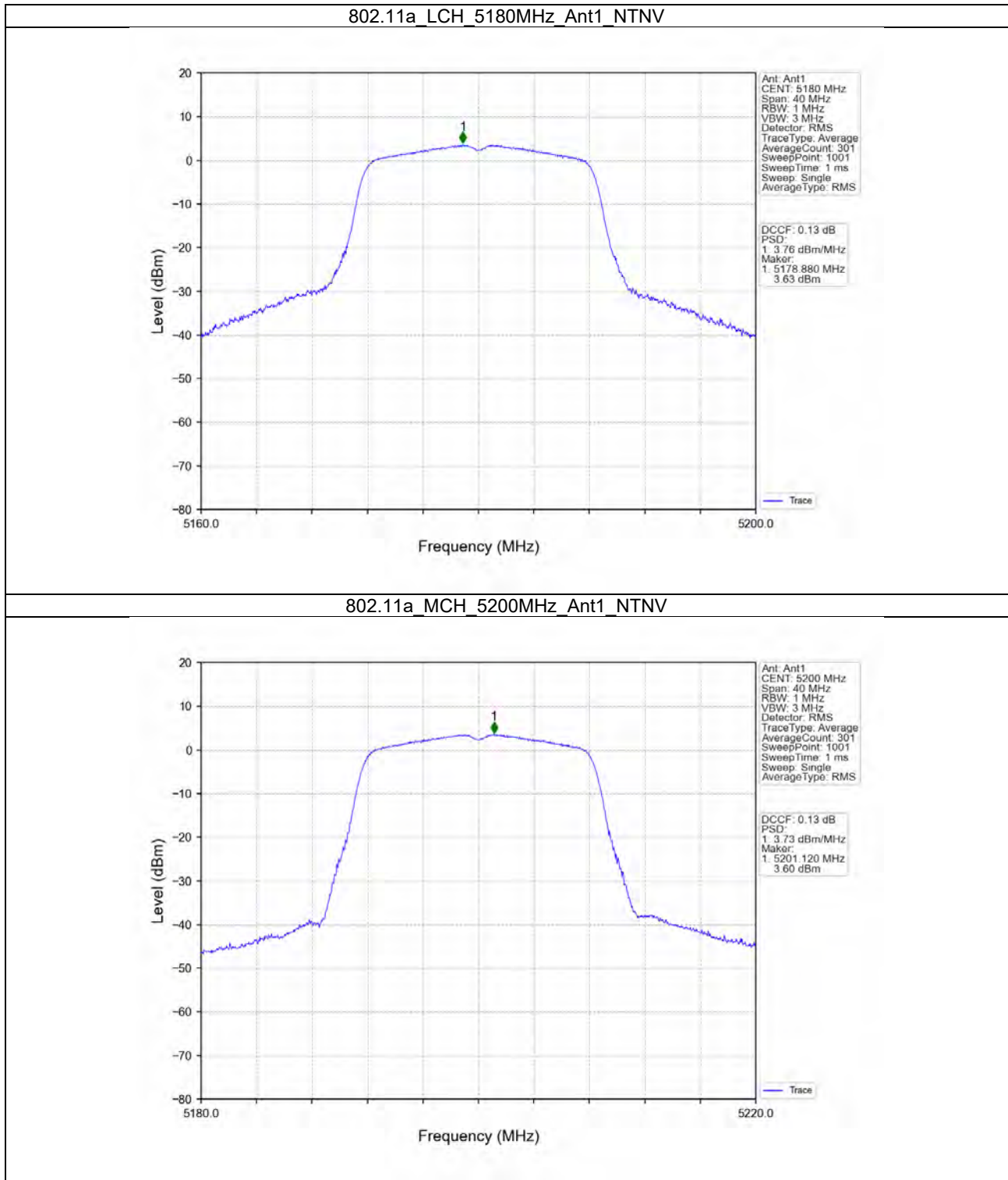
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### Test Graph



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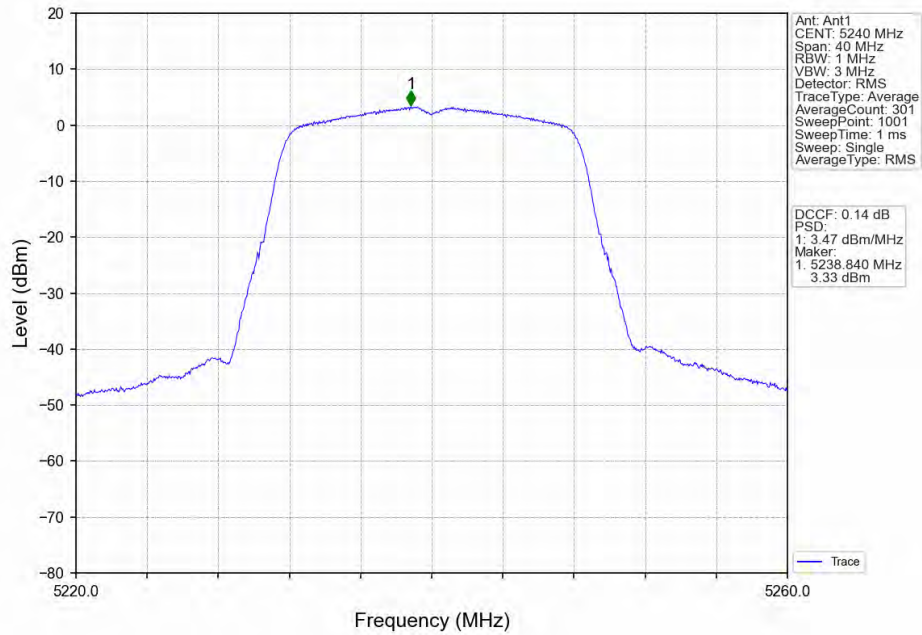
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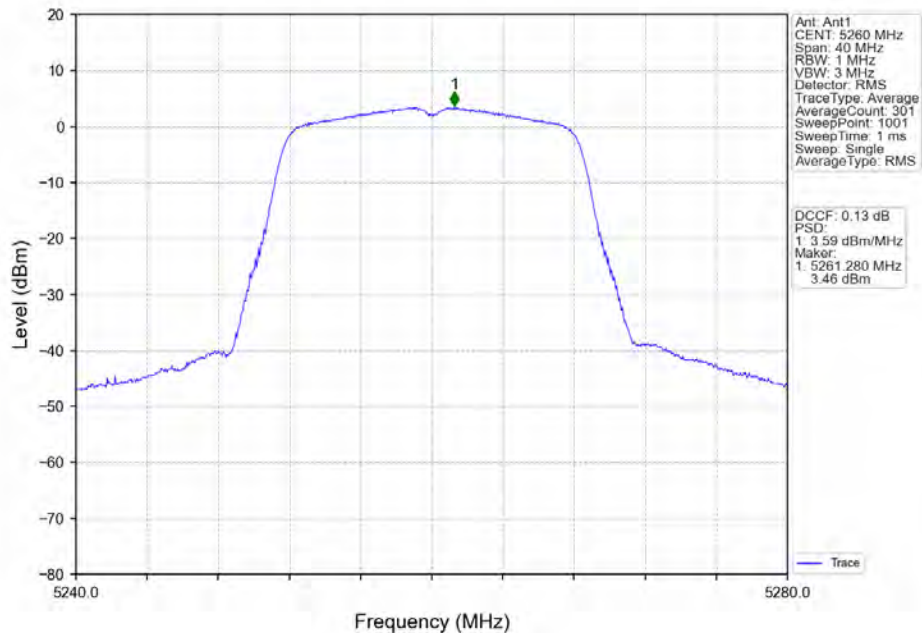
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802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_LCH\_5260MHz\_Ant1\_NTNV



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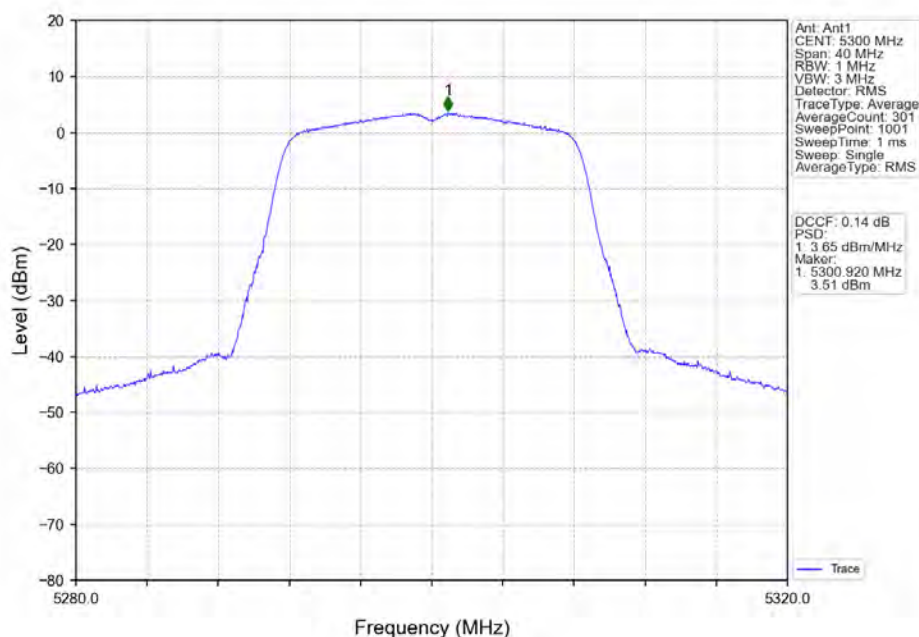
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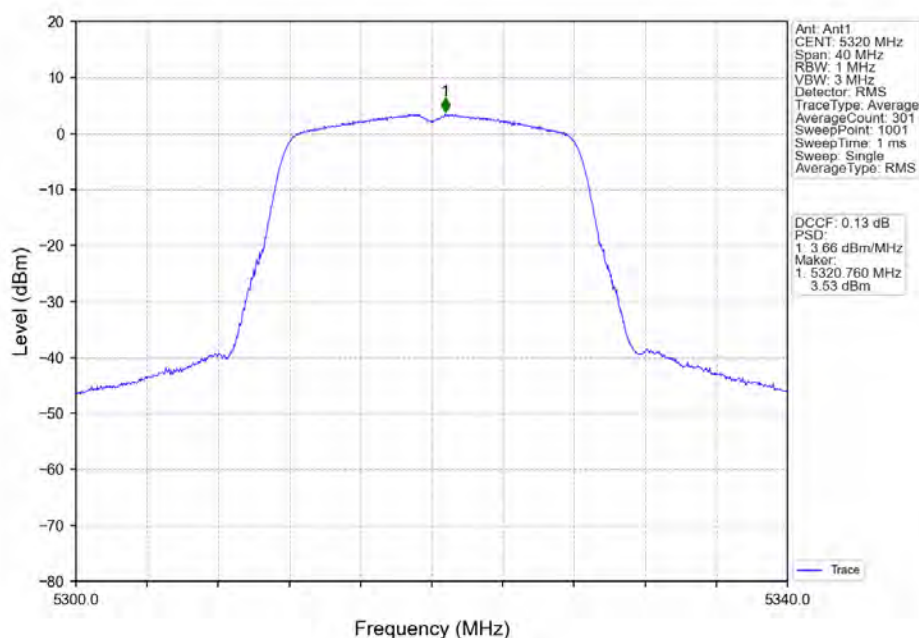
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### 802.11a\_MCH\_5300MHz\_Ant1\_NTNV



### 802.11a\_HCH\_5320MHz\_Ant1\_NTNV



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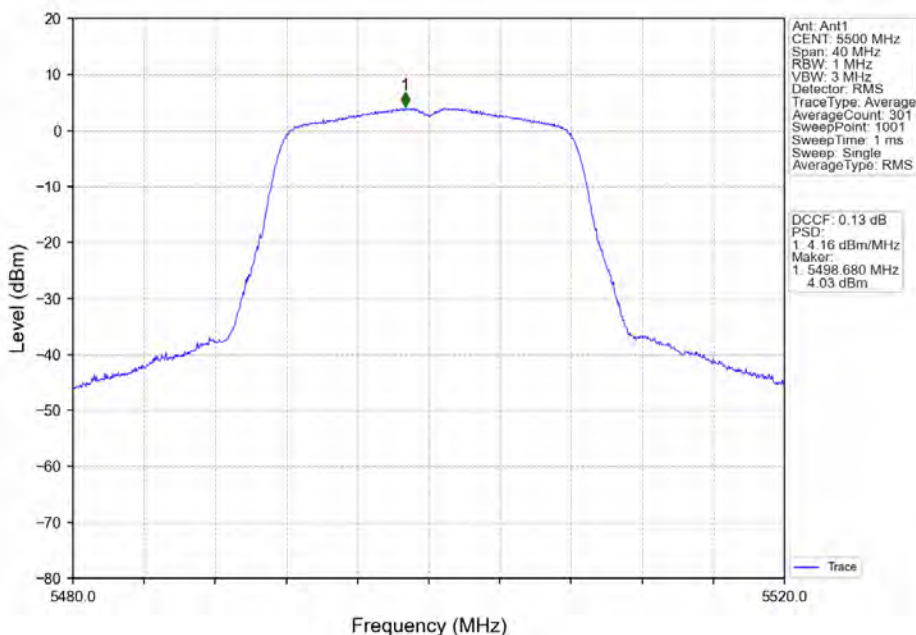
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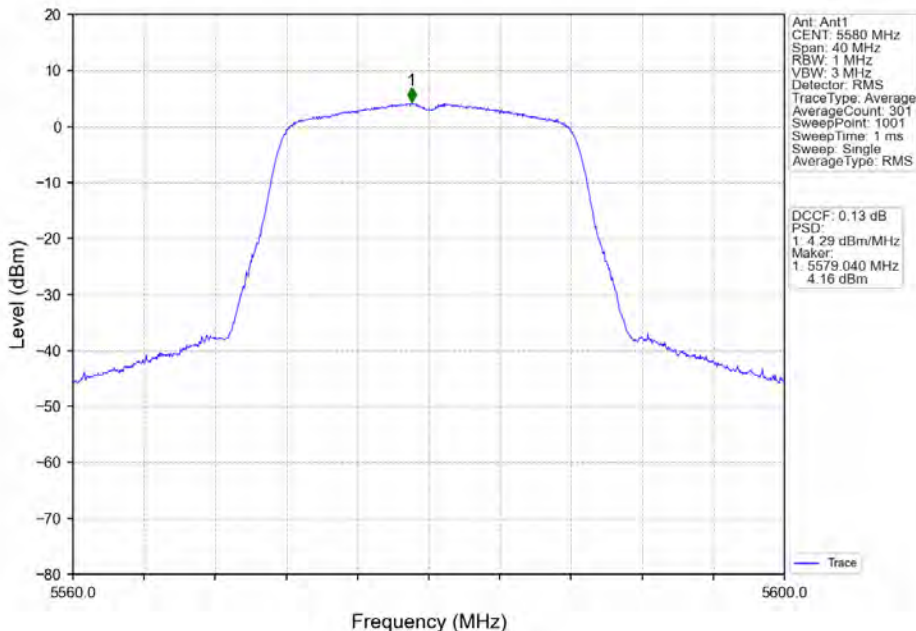
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802.11a\_LCH\_5500MHz\_Ant1\_NTNV



802.11a\_MCH\_5580MHz\_Ant1\_NTNV



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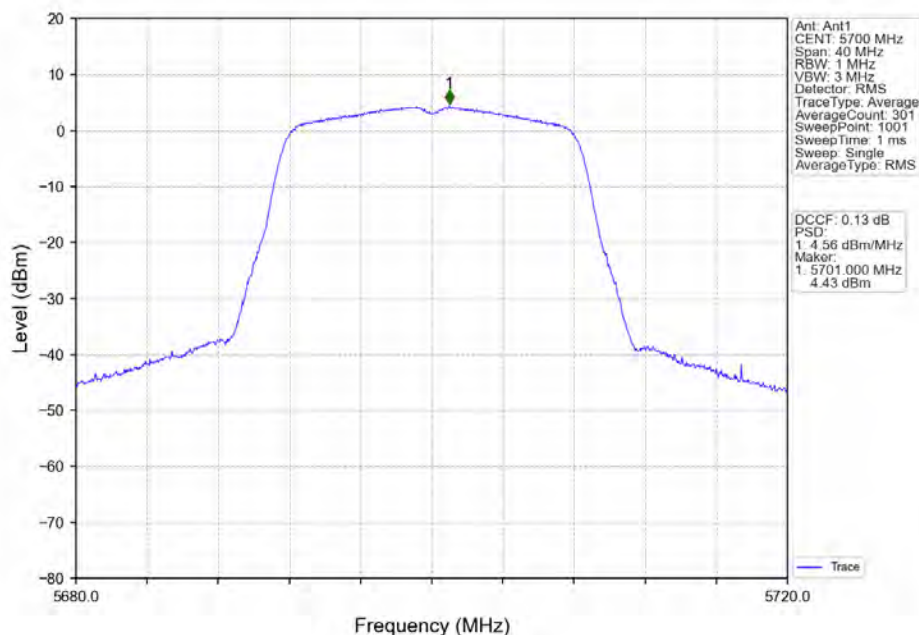
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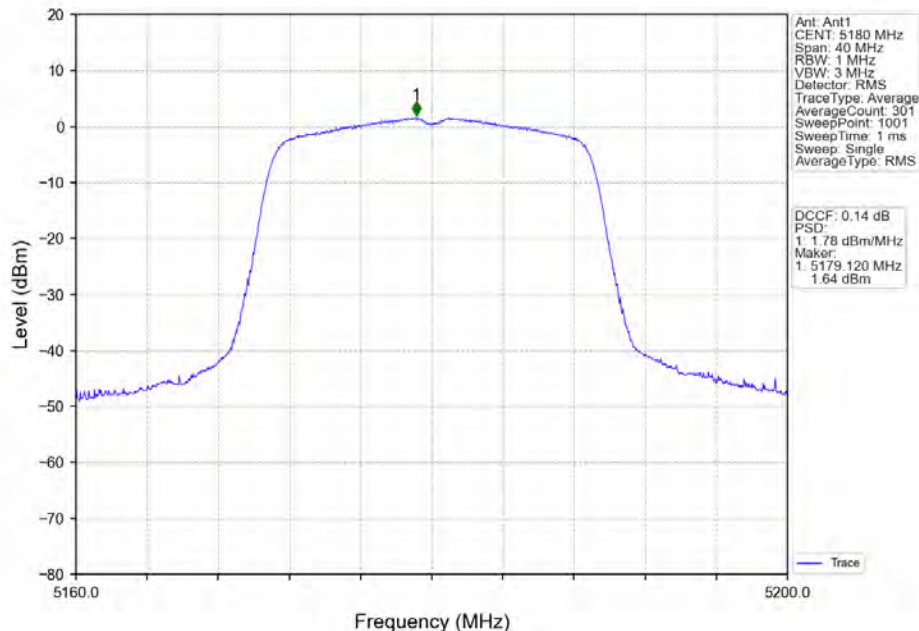
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### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV



### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



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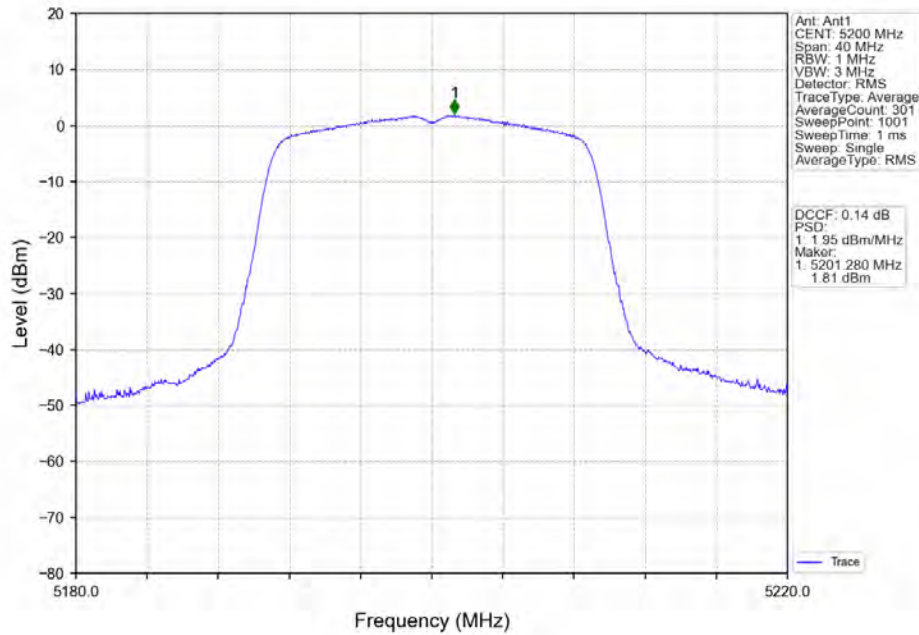
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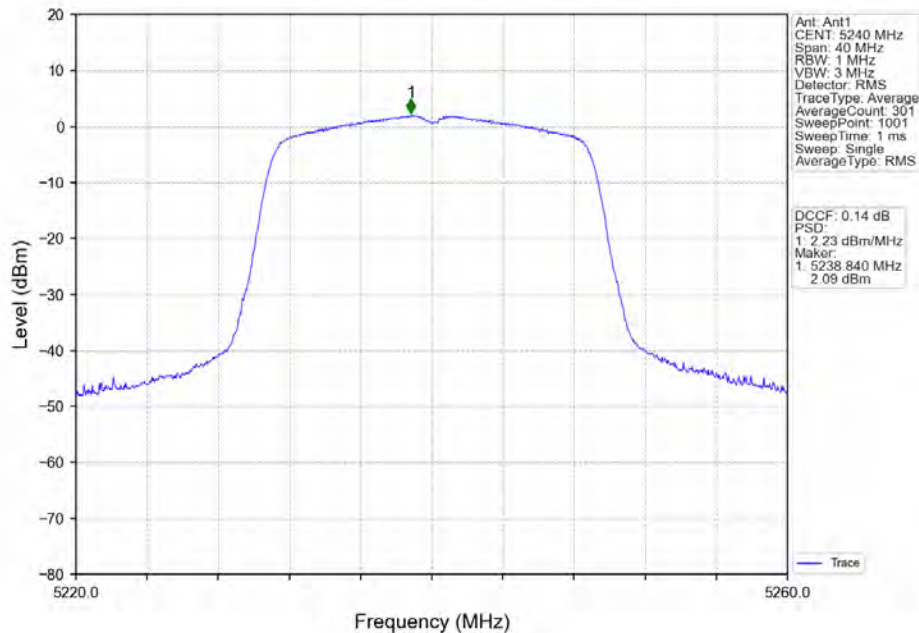
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



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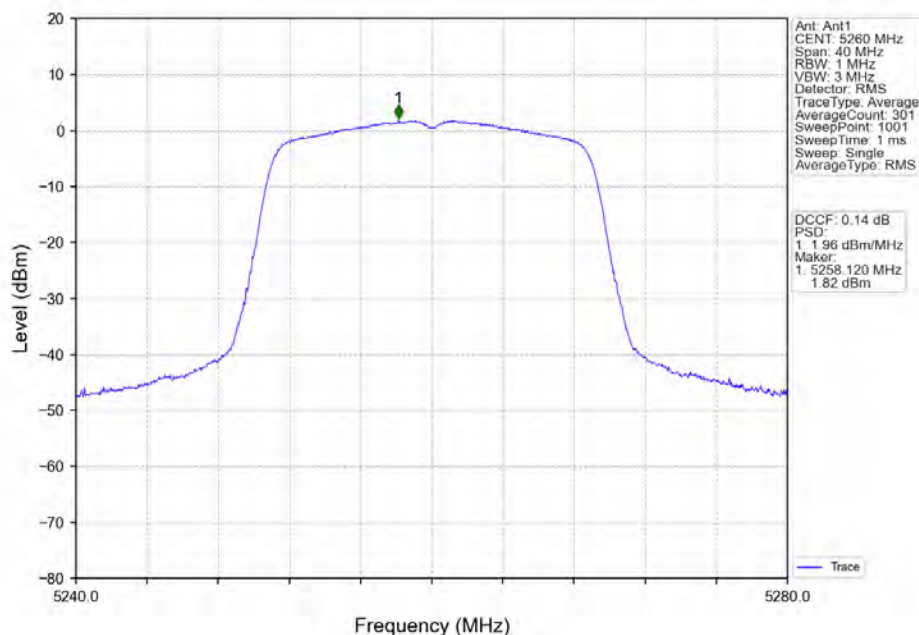
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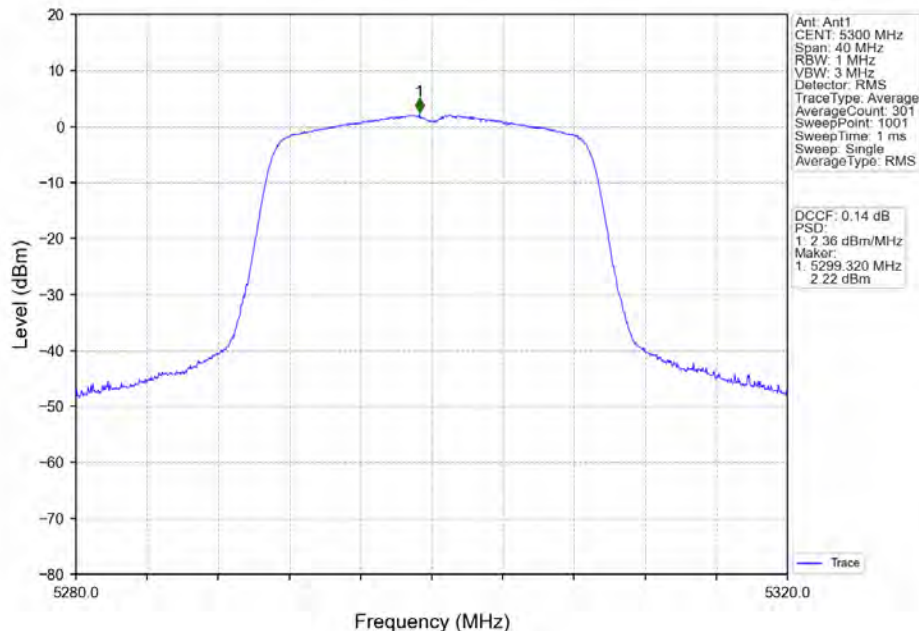
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802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



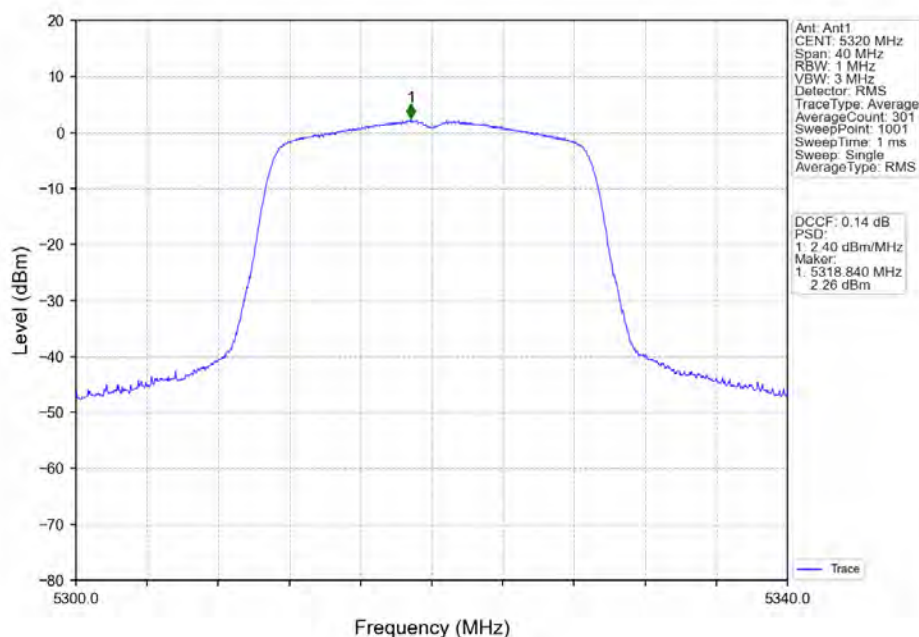
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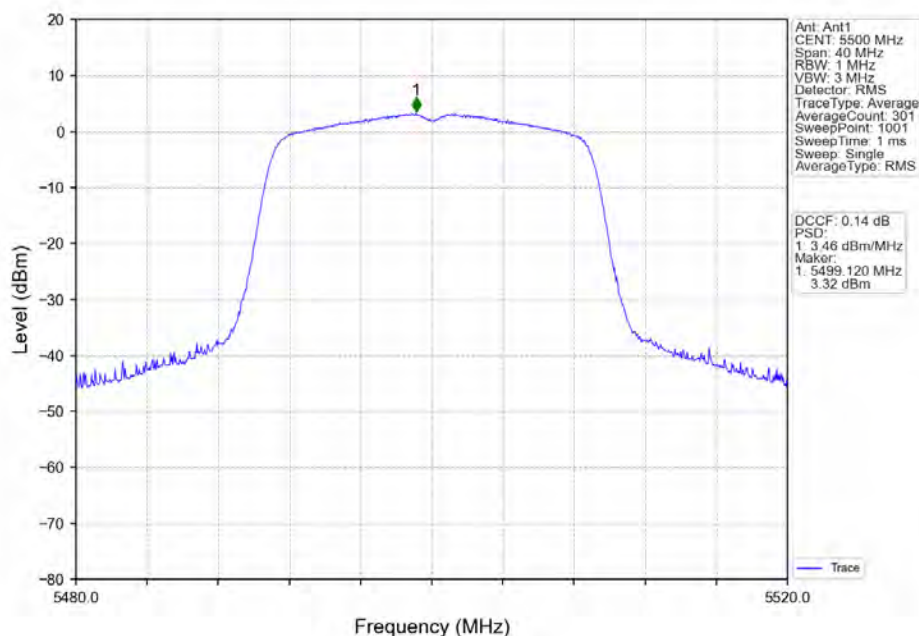
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### 802.11n(HT20) HCH 5320MHz Ant1\_NTNV



### 802.11n(HT20) LCH 5500MHz Ant1\_NTNV



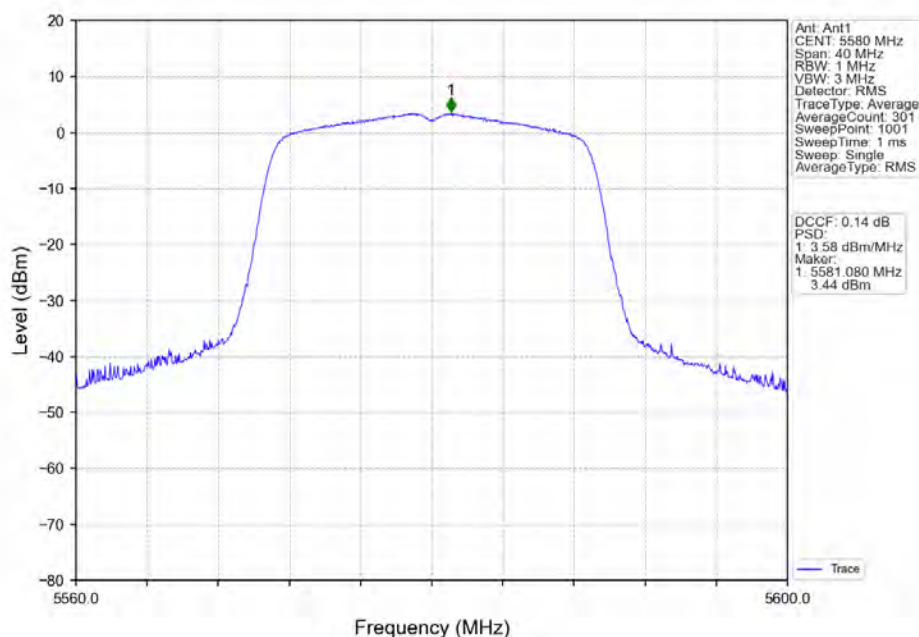
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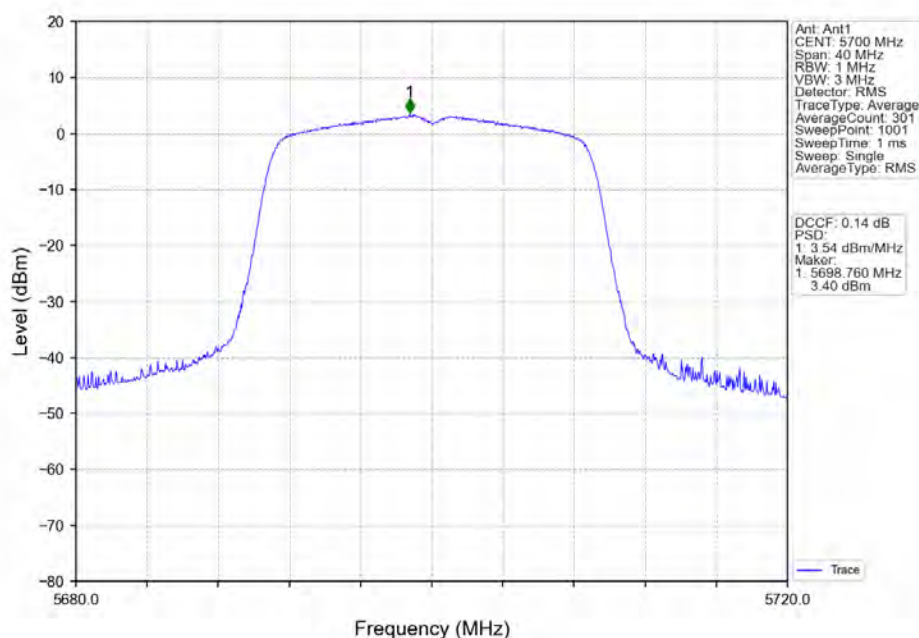
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802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



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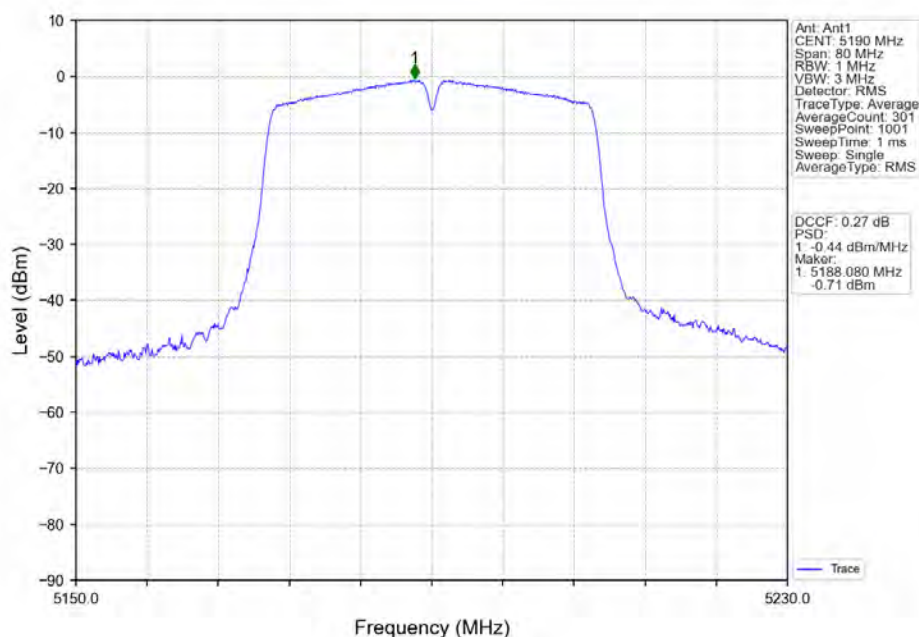
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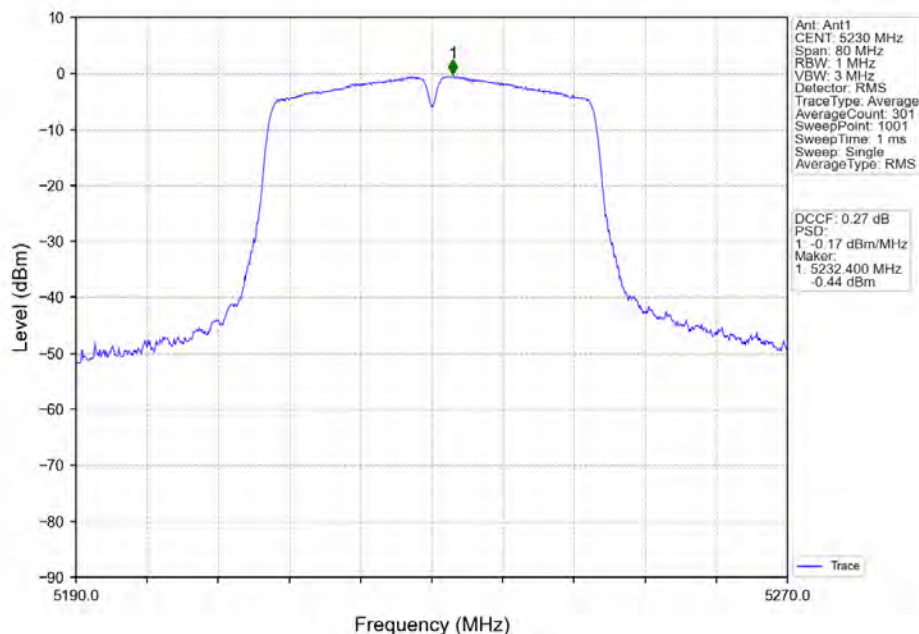
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802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



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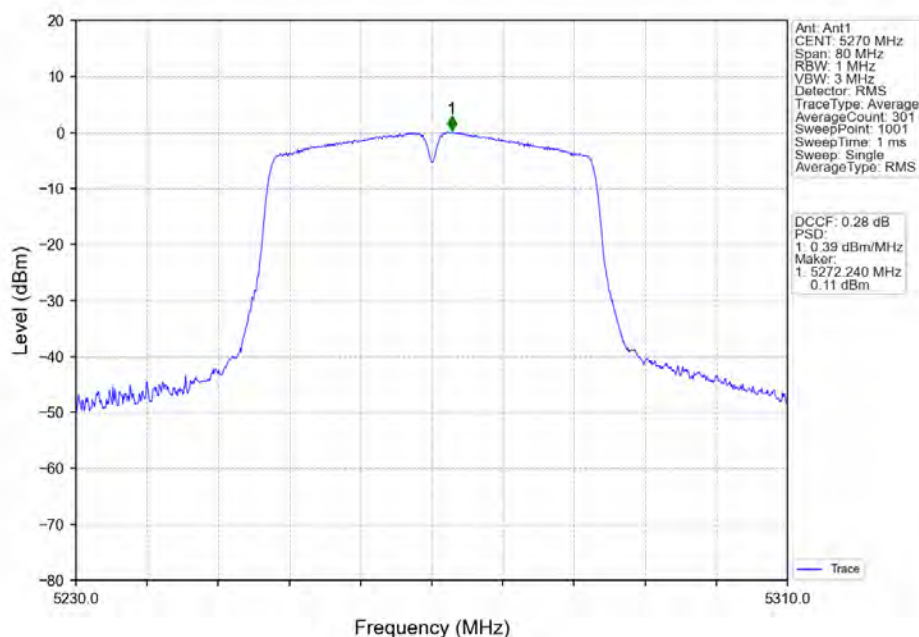
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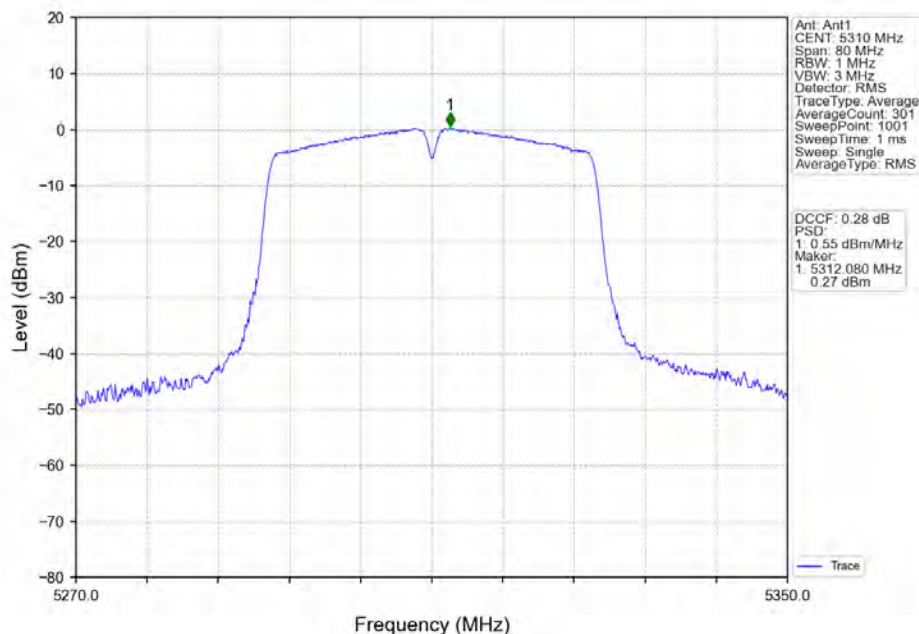
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



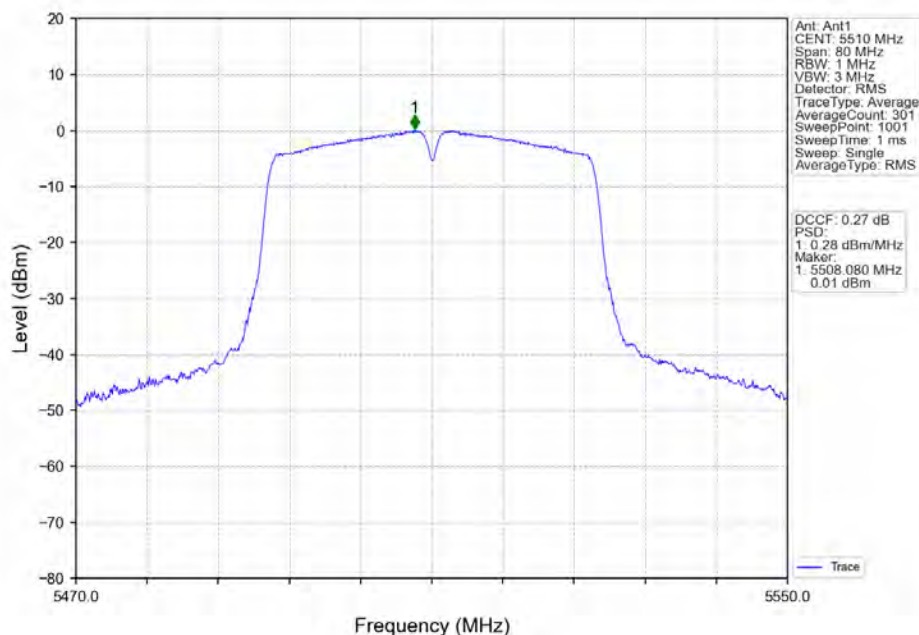
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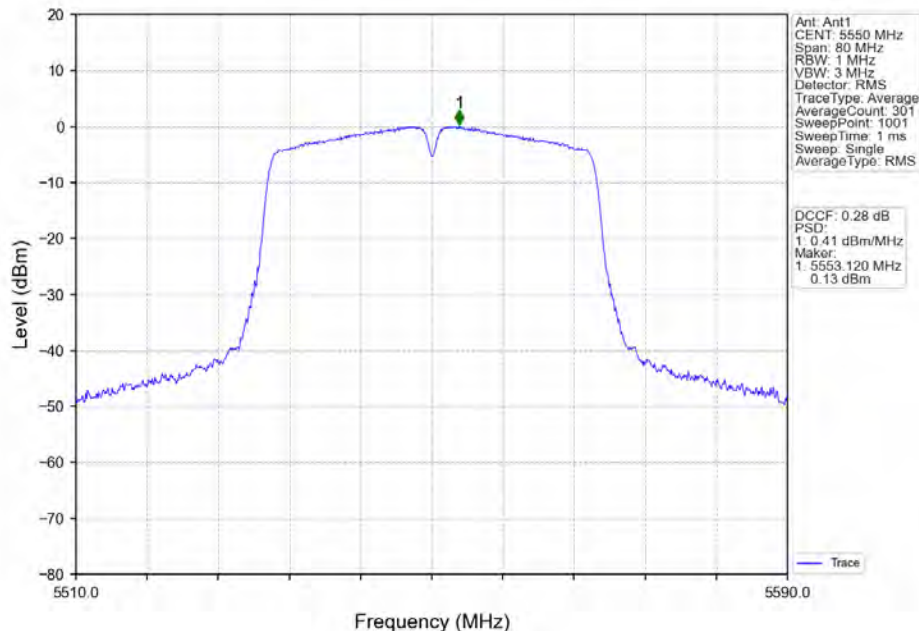
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802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



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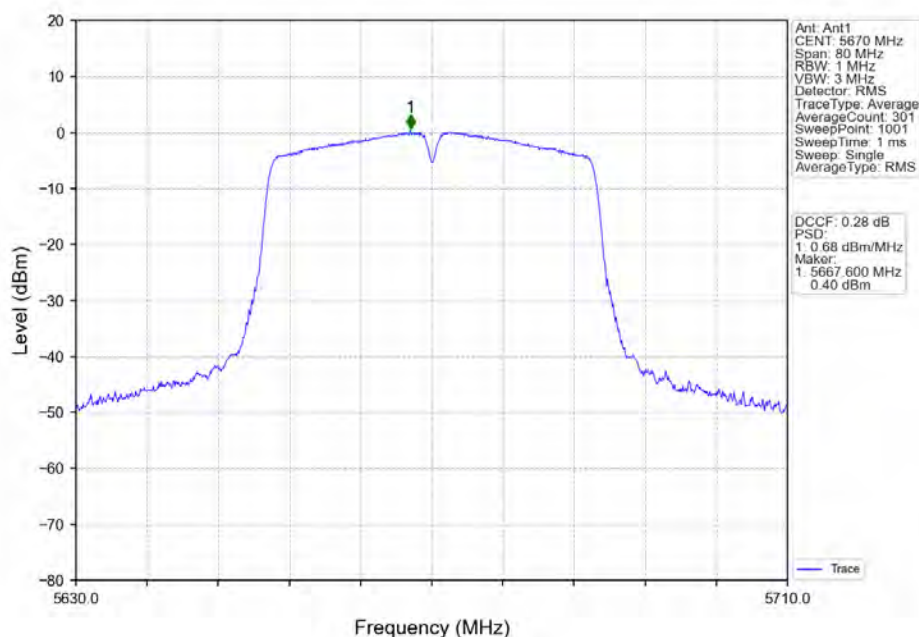
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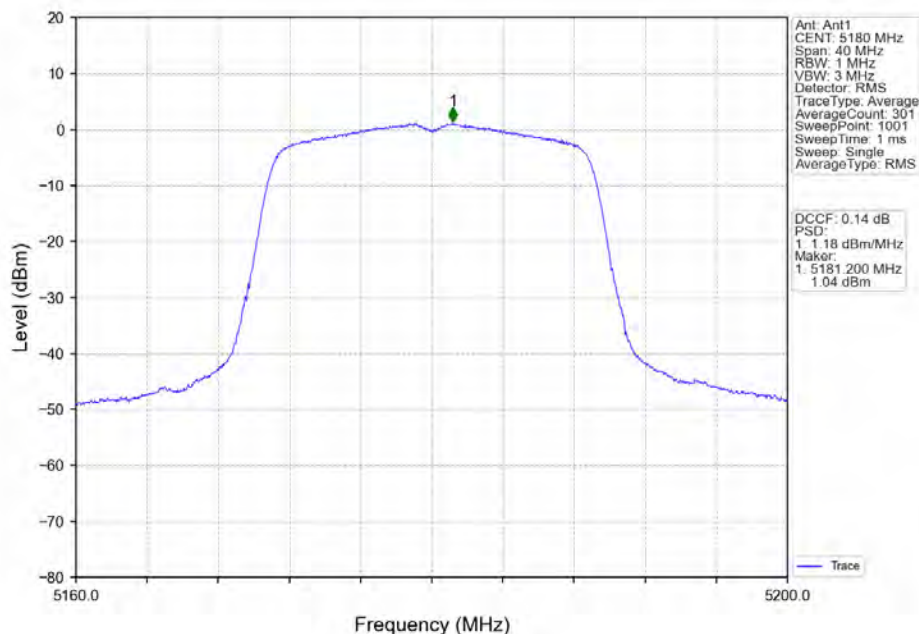
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### 802.11n(HT40) HCH 5670MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



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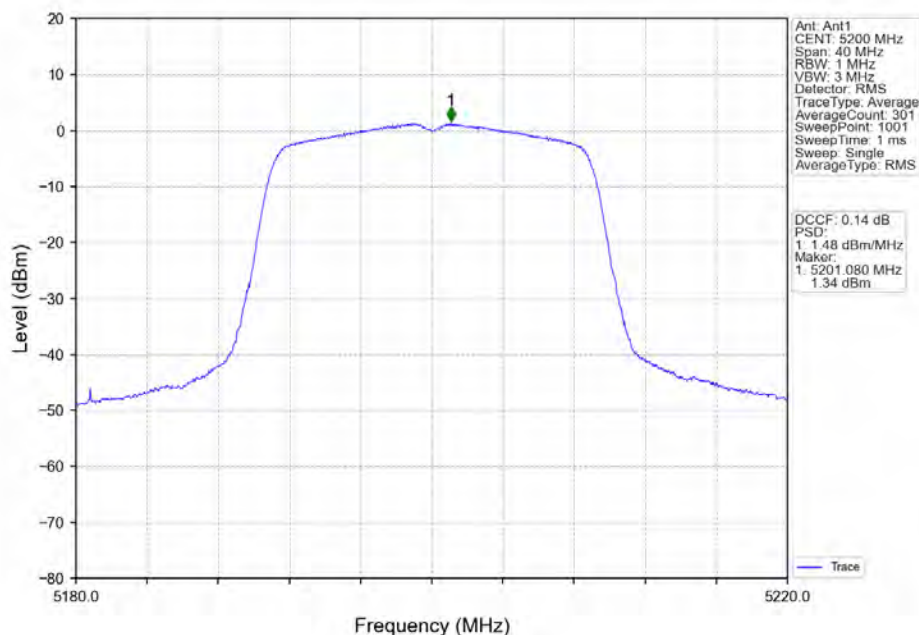
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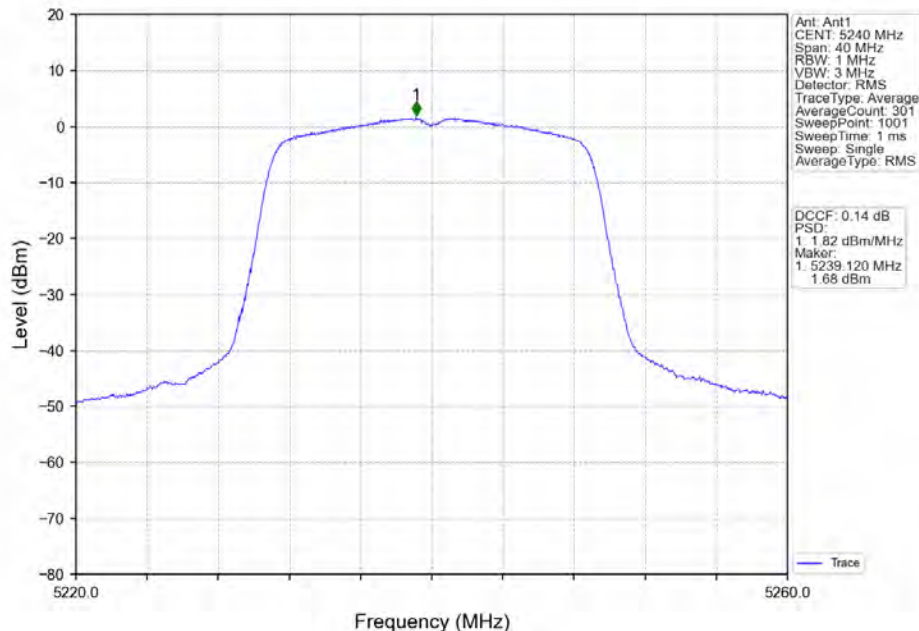
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802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



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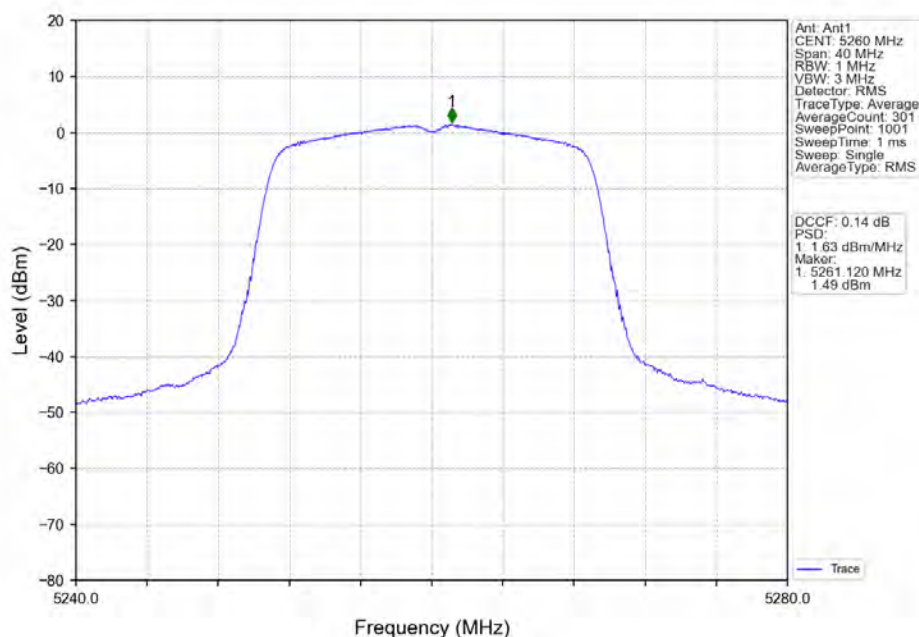
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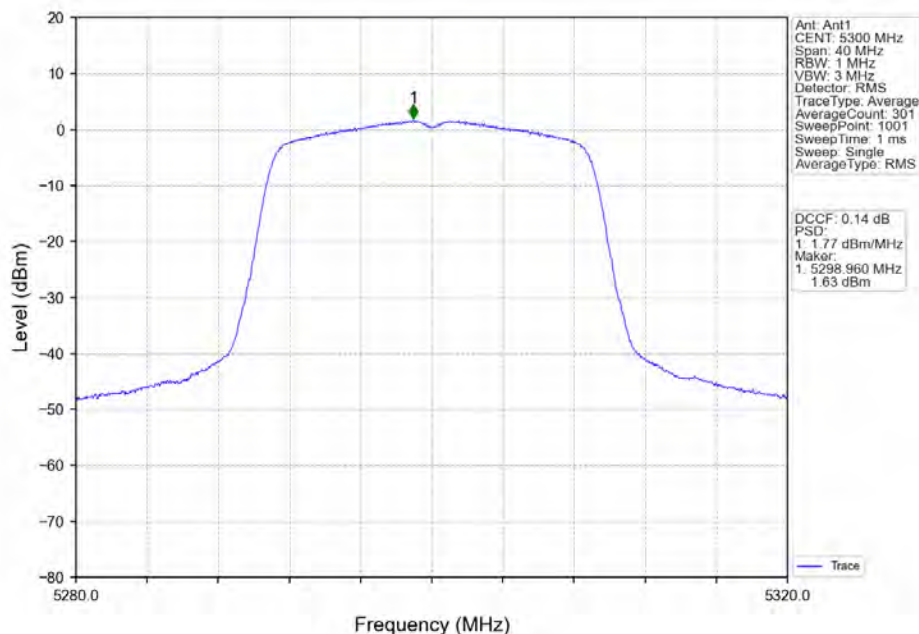
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### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



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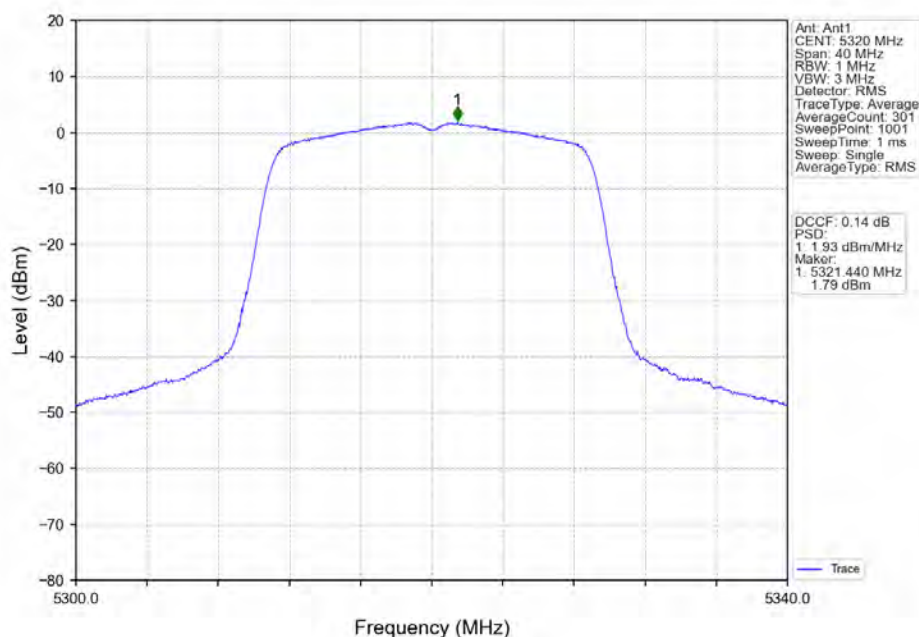
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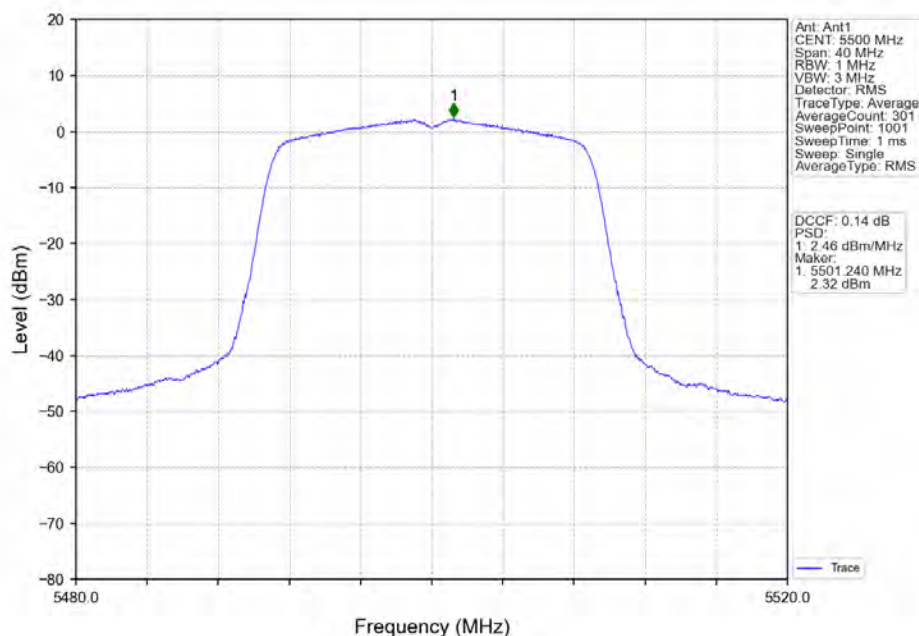
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802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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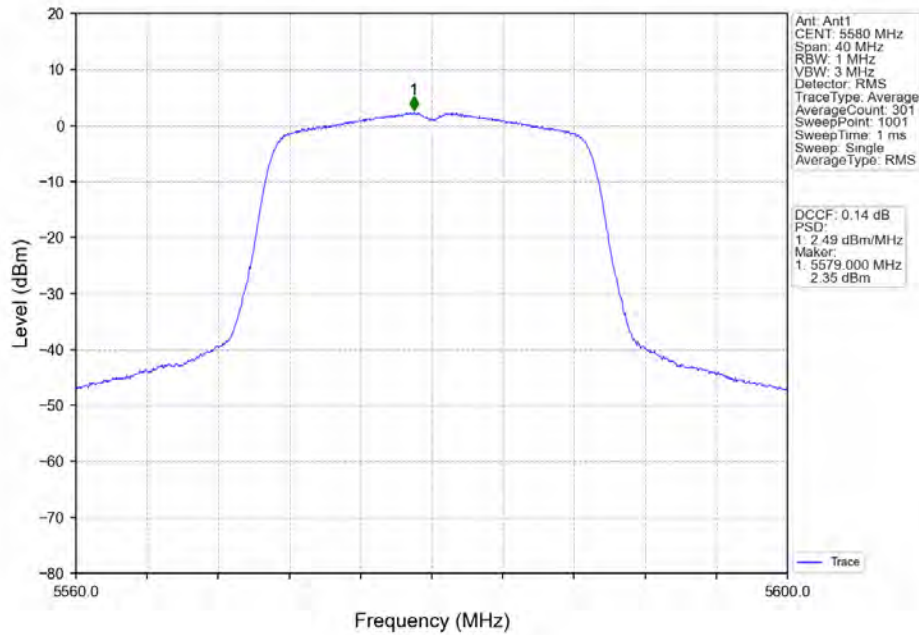
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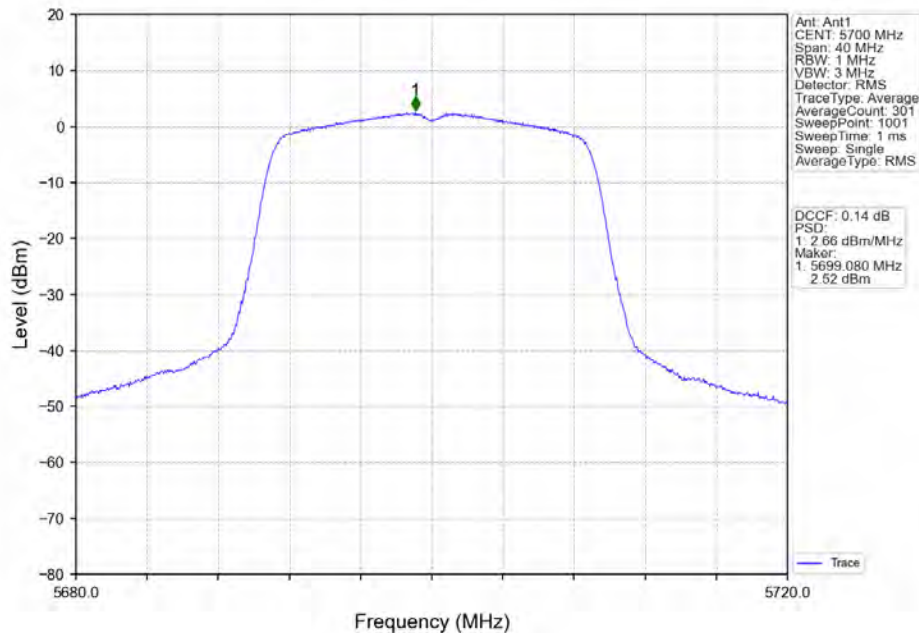
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802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



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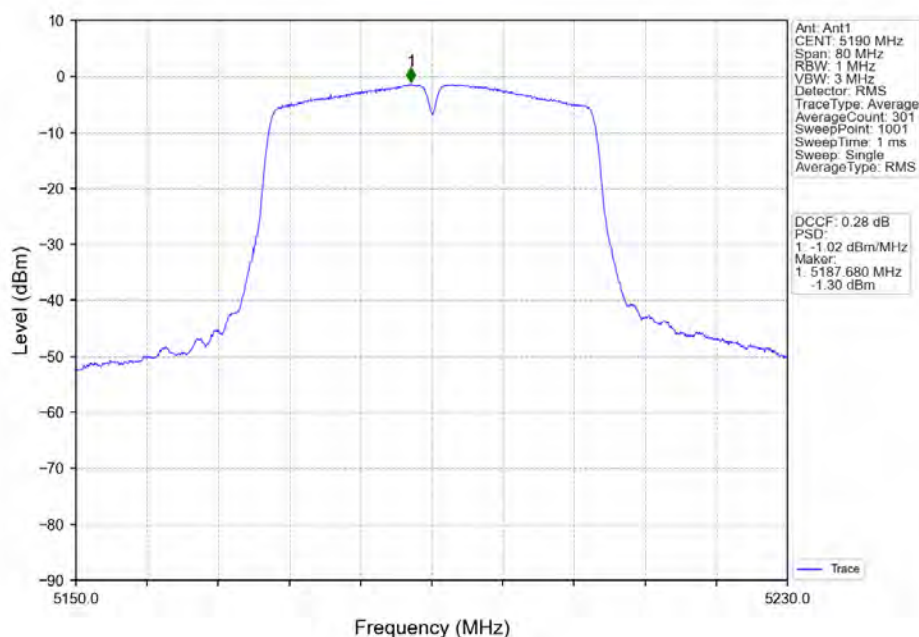
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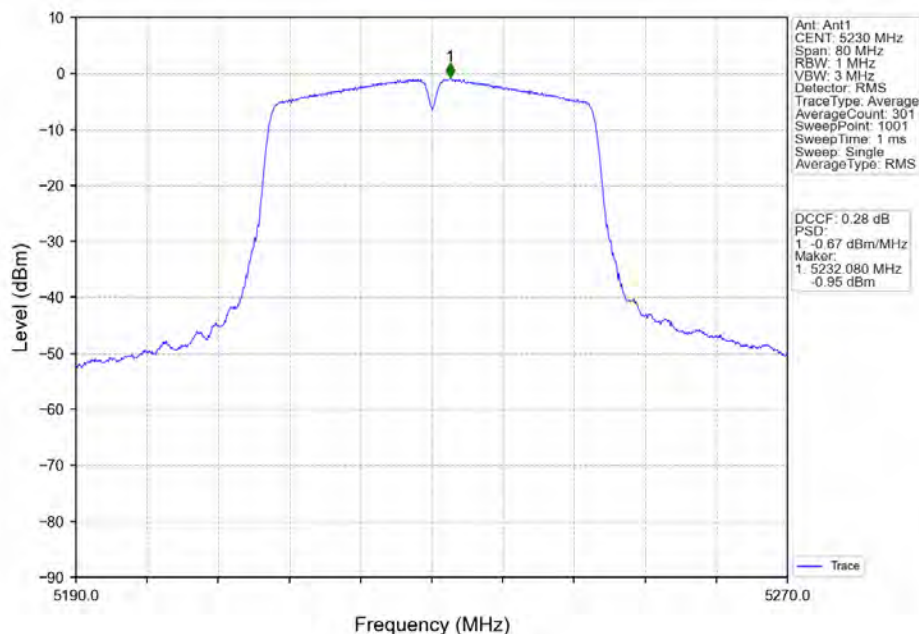
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### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



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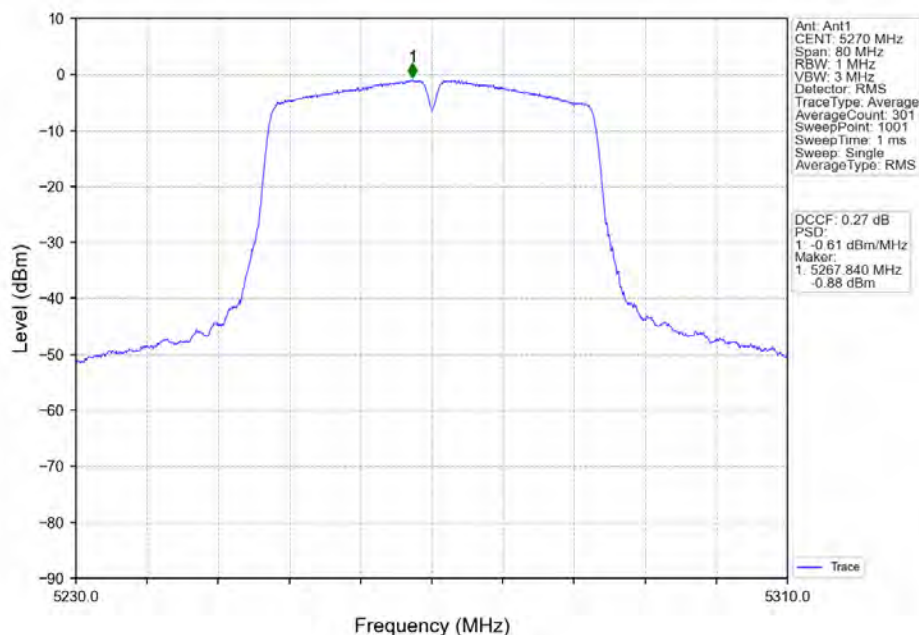
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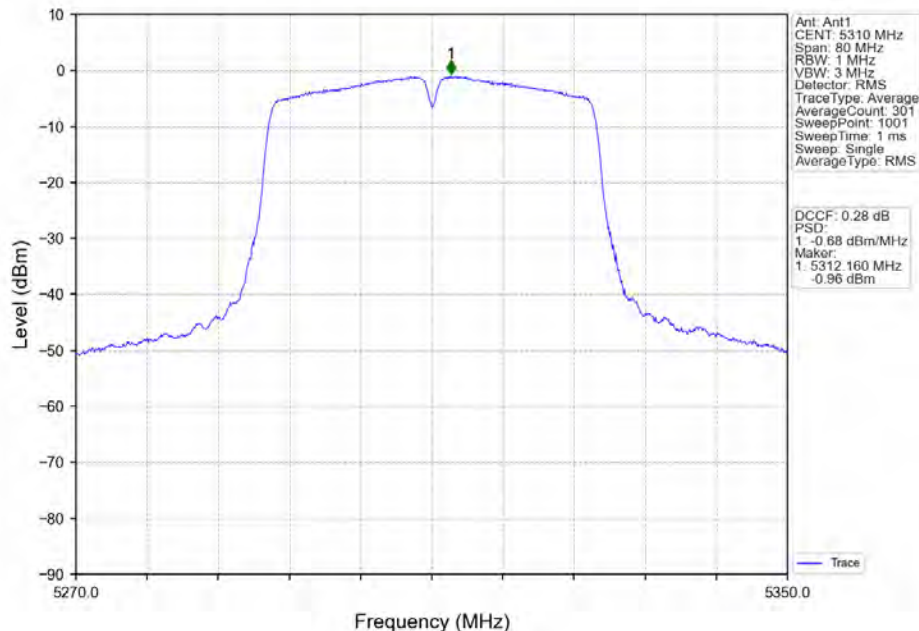
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802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



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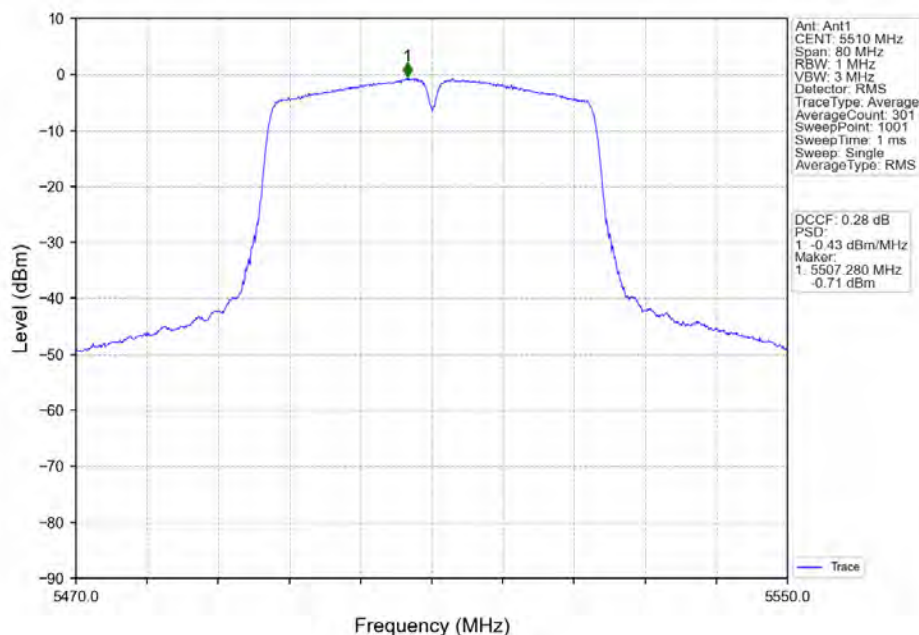
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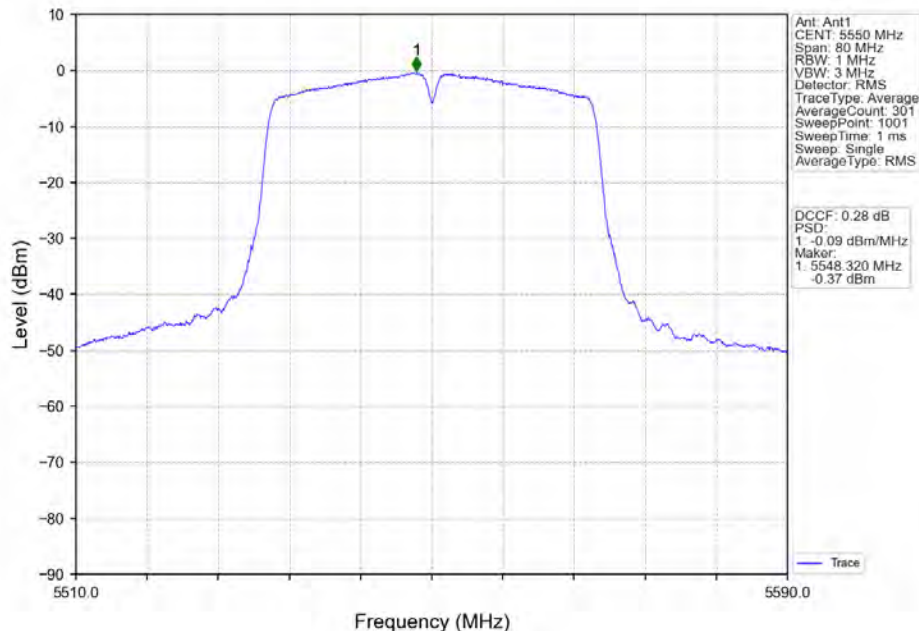
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802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



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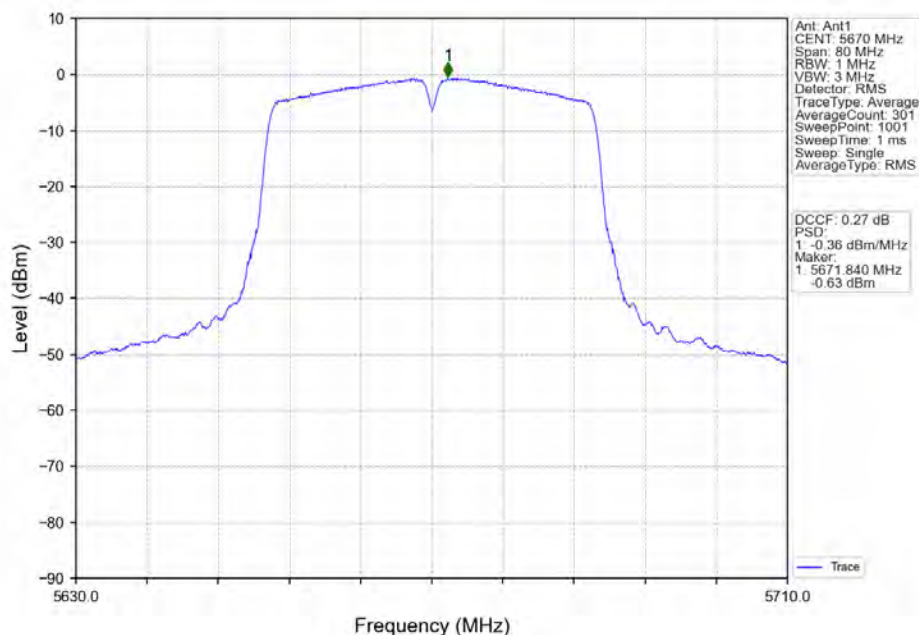
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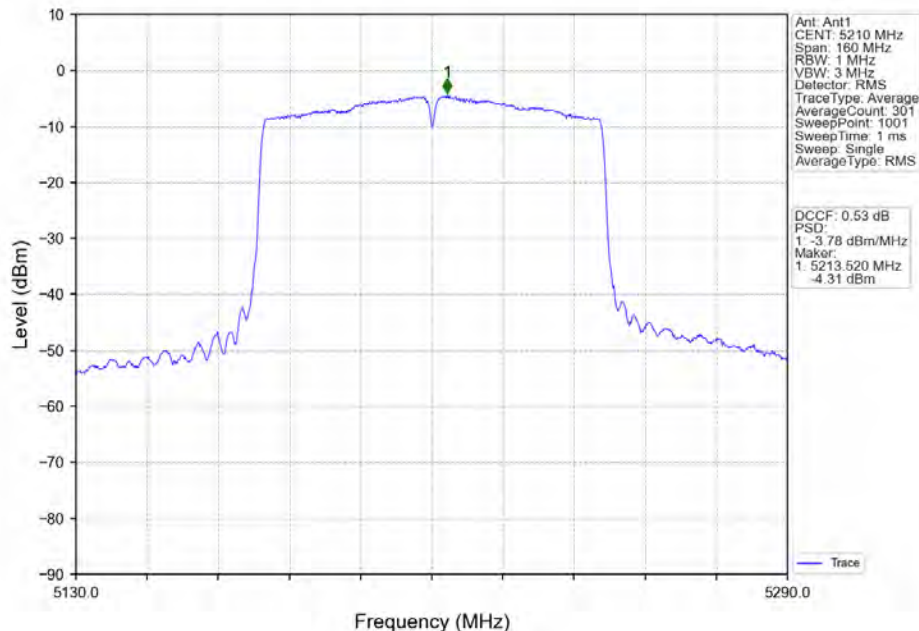
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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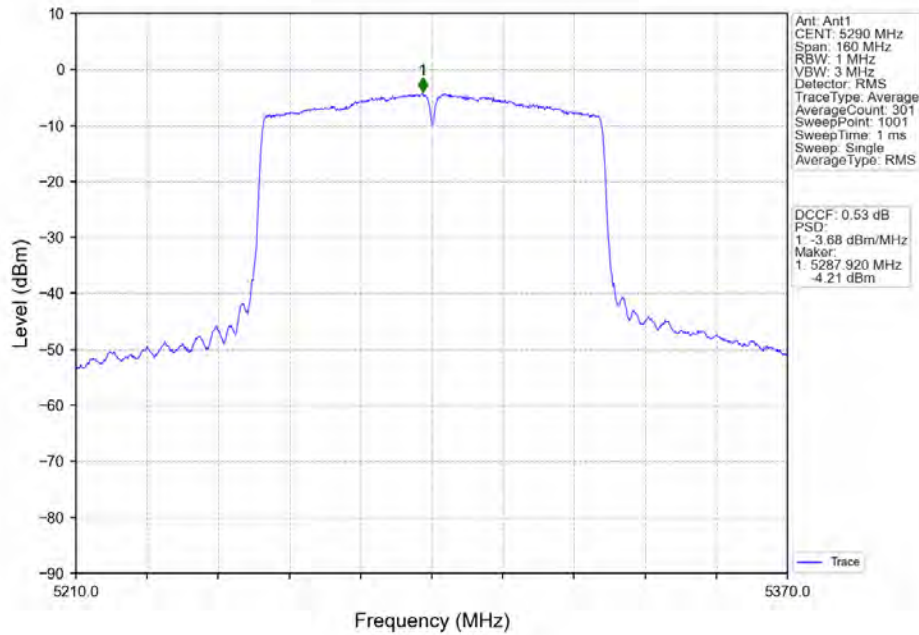
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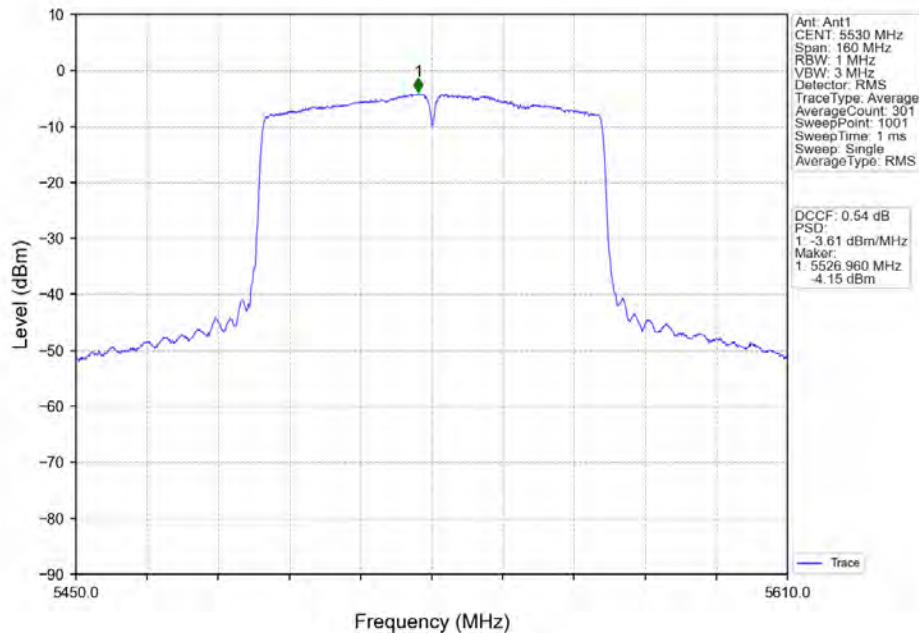
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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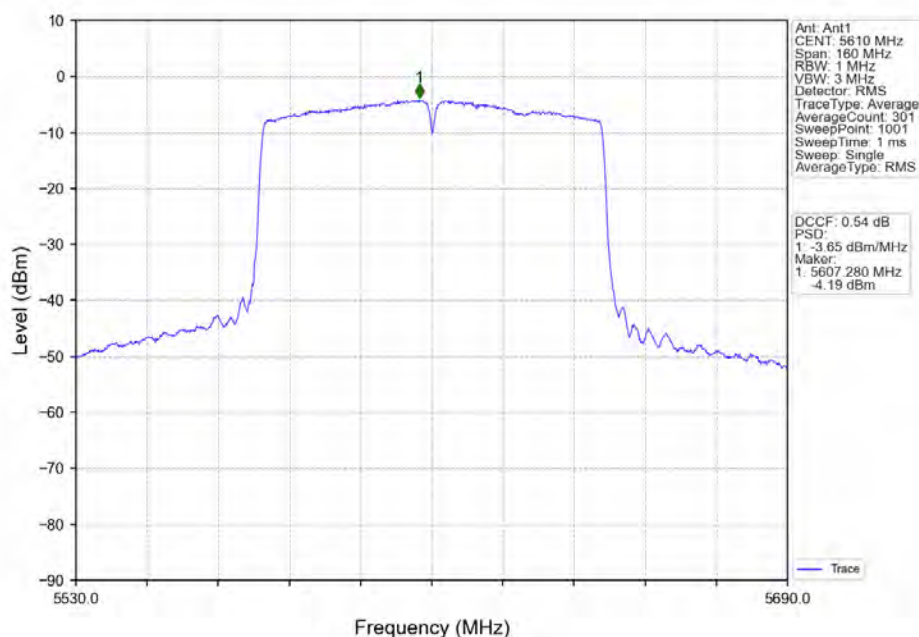
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802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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## PSD-Band3 Test Result

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       | Verdict |
|------------------|---------|-----------------|--------------------------|-------|---------|
|                  |         |                 | ANT1                     | Limit |         |
| 802.11a          | SISO    | 5745            | 1.47                     | <=30  | Pass    |
|                  |         | 5785            | 1.69                     | <=30  | Pass    |
|                  |         | 5825            | 1.48                     | <=30  | Pass    |
| 802.11n (HT20)   | SISO    | 5745            | 0.18                     | <=30  | Pass    |
|                  |         | 5785            | 0.20                     | <=30  | Pass    |
|                  |         | 5825            | -0.09                    | <=30  | Pass    |
| 802.11n (HT40)   | SISO    | 5755            | -3.07                    | <=30  | Pass    |
|                  |         | 5795            | -2.81                    | <=30  | Pass    |
| 802.11ac (VHT20) | SISO    | 5745            | -0.95                    | <=30  | Pass    |
|                  |         | 5785            | -0.78                    | <=30  | Pass    |
|                  |         | 5825            | -0.81                    | <=30  | Pass    |
| 802.11ac (VHT40) | SISO    | 5755            | -3.41                    | <=30  | Pass    |
|                  |         | 5795            | -3.40                    | <=30  | Pass    |
| 802.11ac (VHT80) | SISO    | 5775            | -5.46                    | <=30  | Pass    |

Note1: Antenna Gain: Ant1: 0.00dBi;



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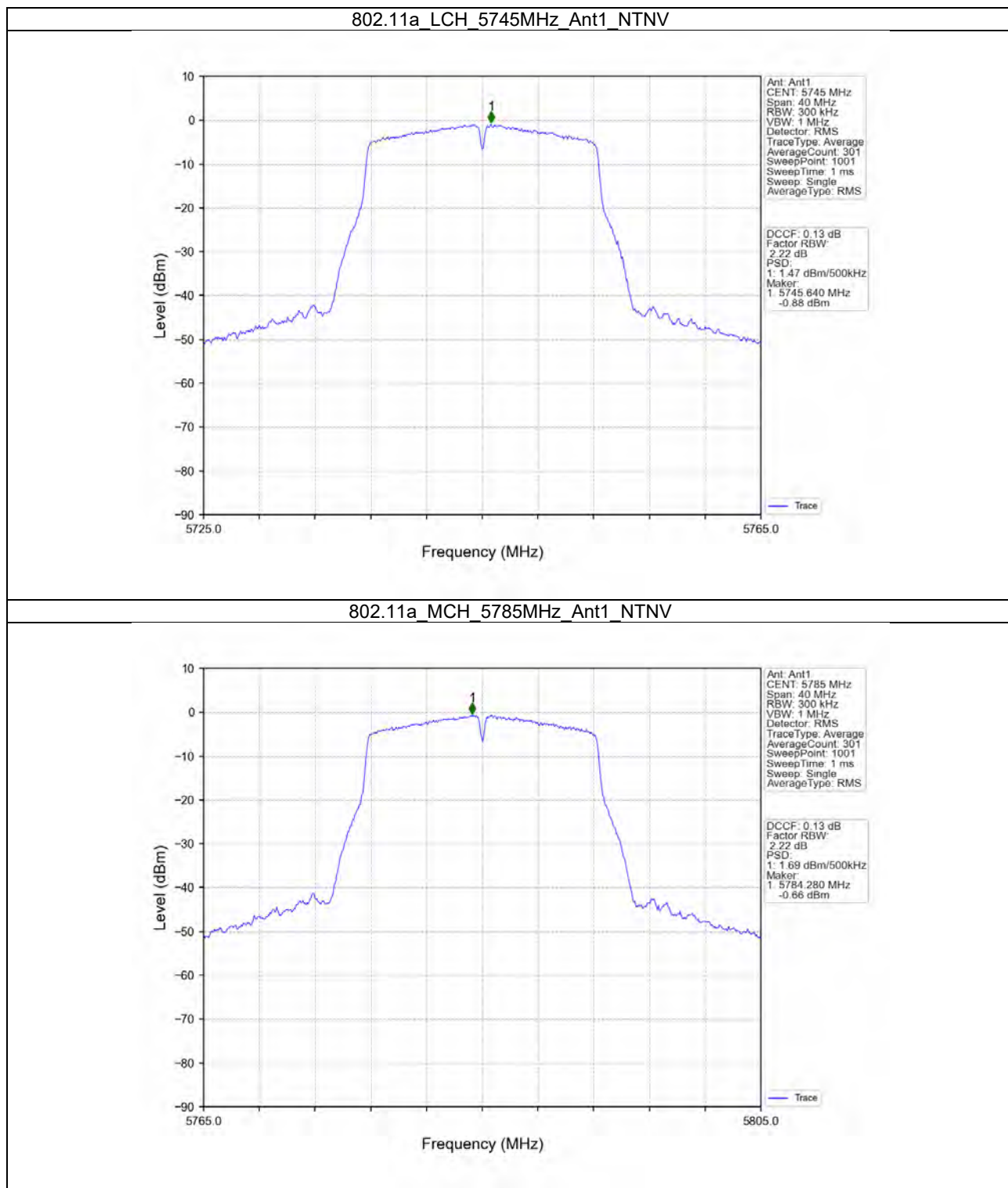
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### Test Graph



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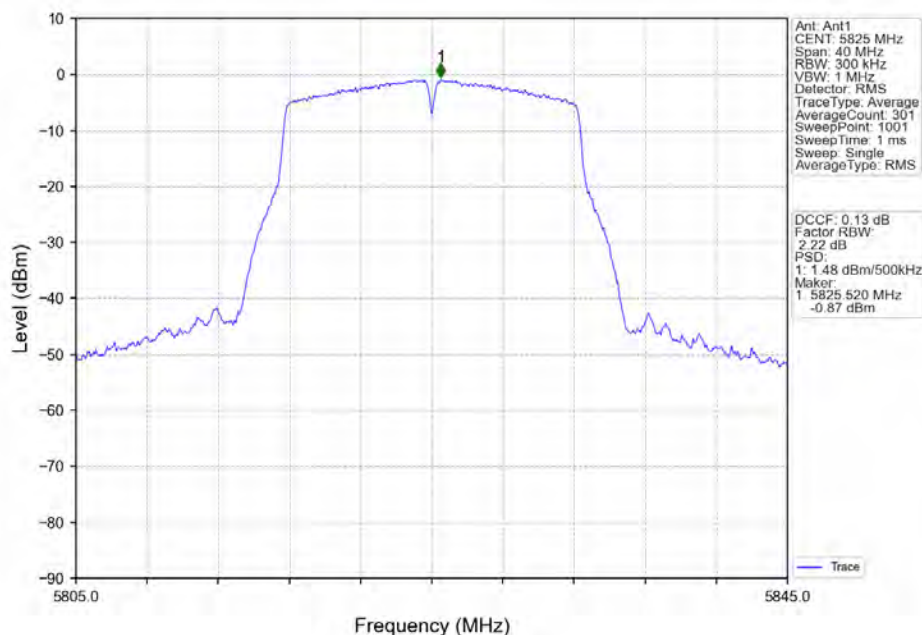
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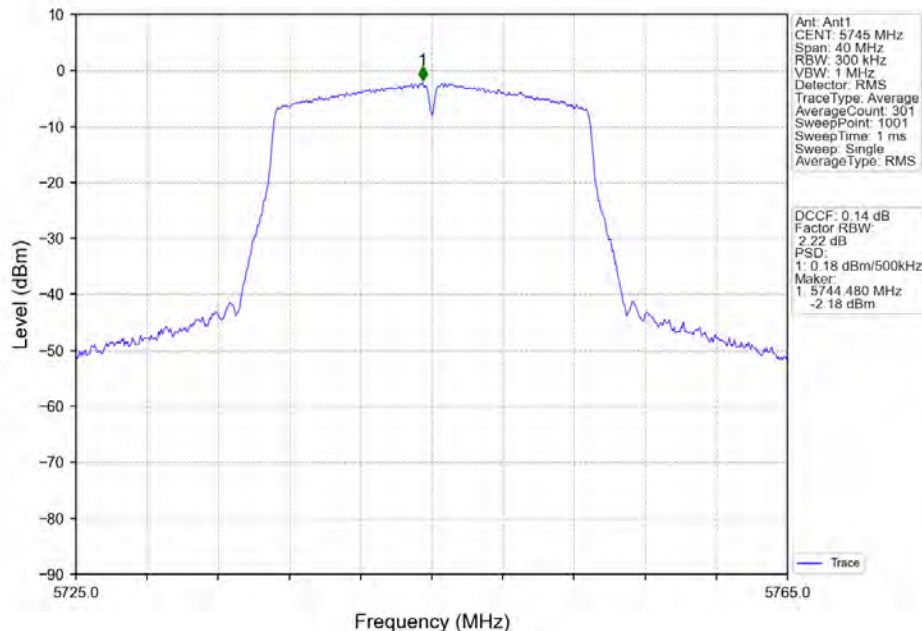
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802.11a\_HCH\_5825MHz\_Ant1\_NTNV



802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



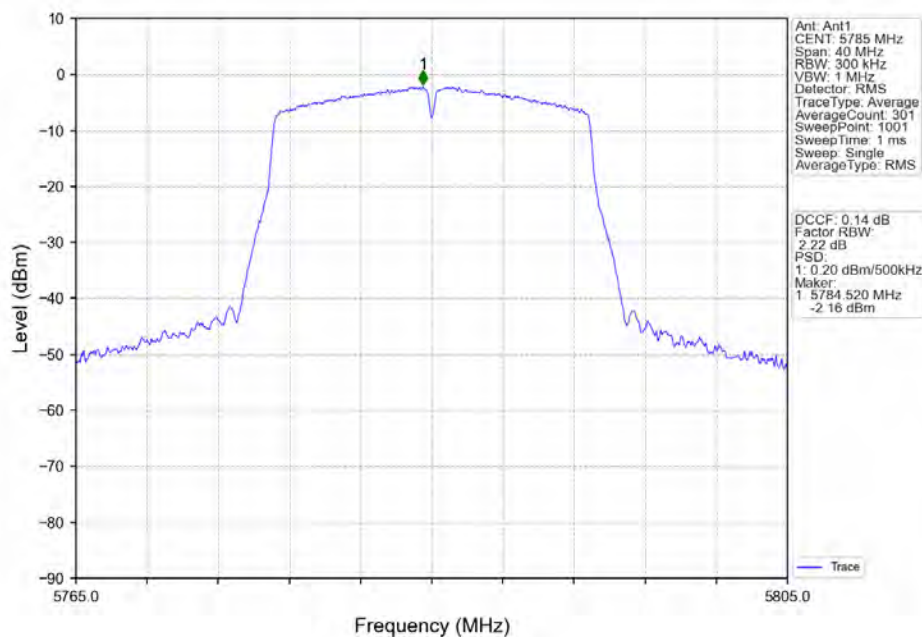
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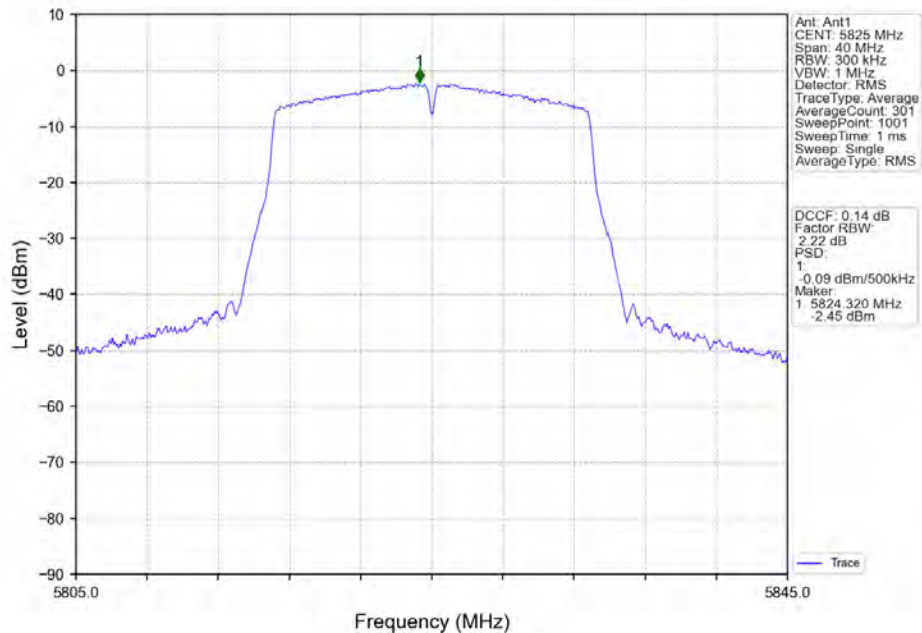
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802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



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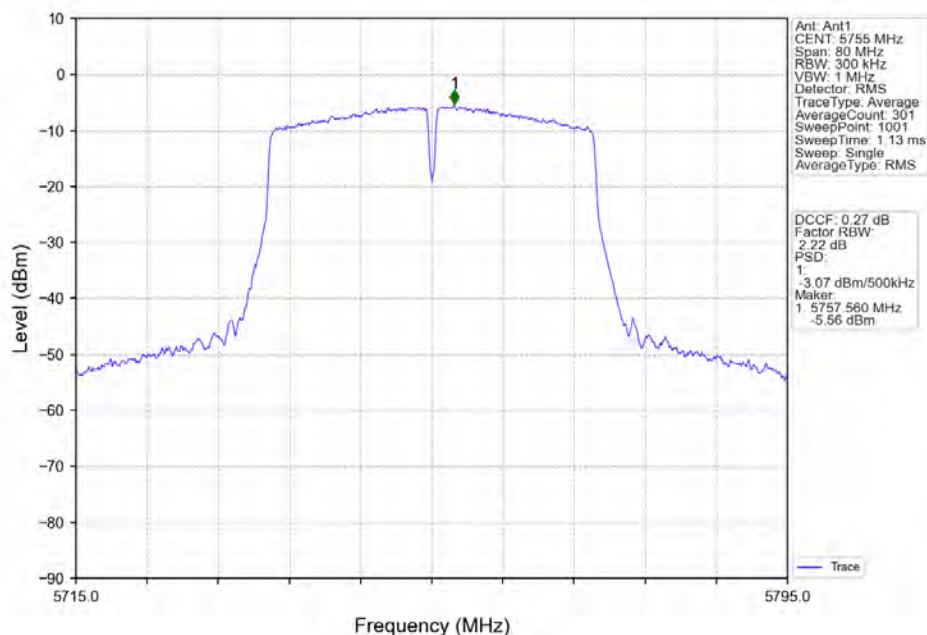
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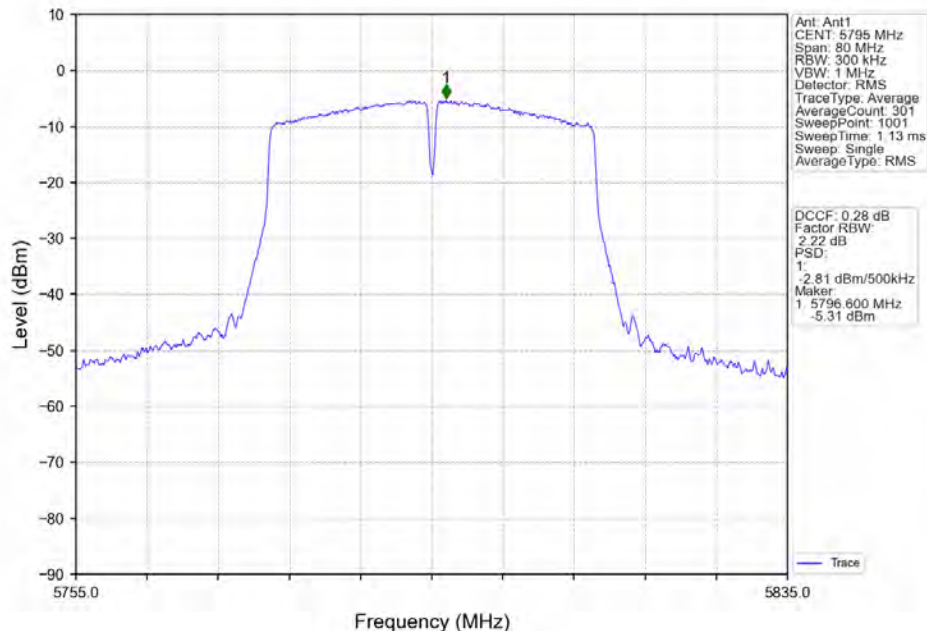
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802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



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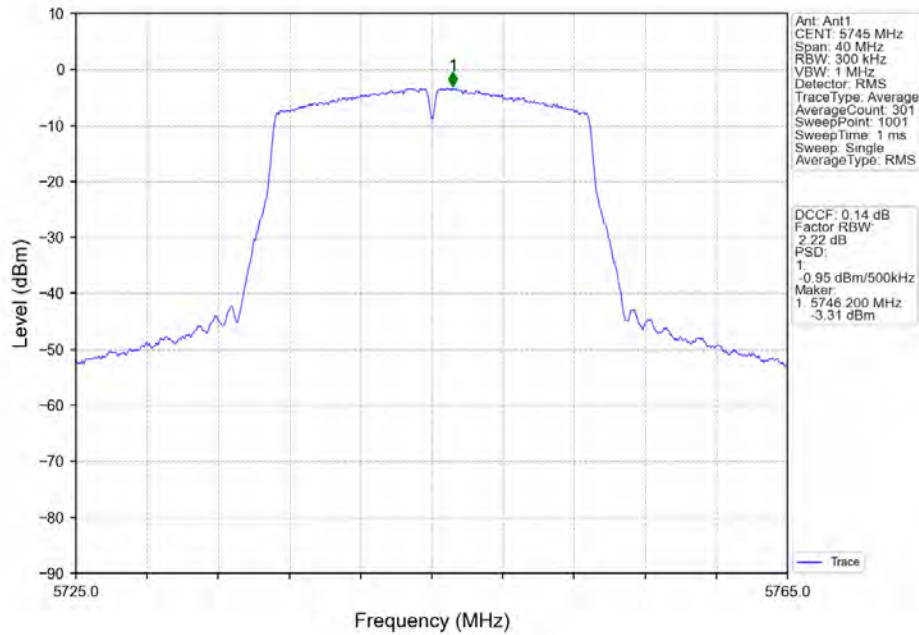
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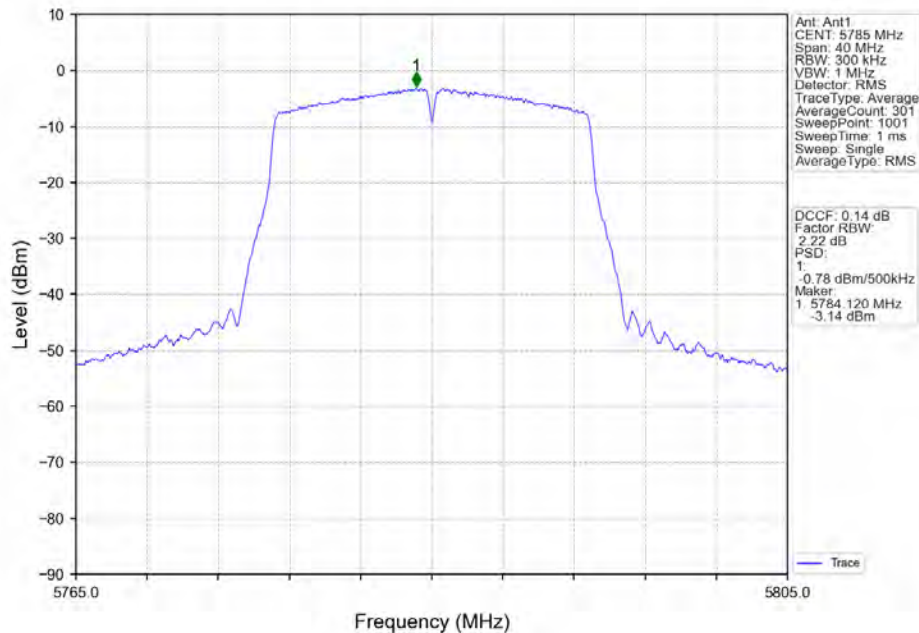
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### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



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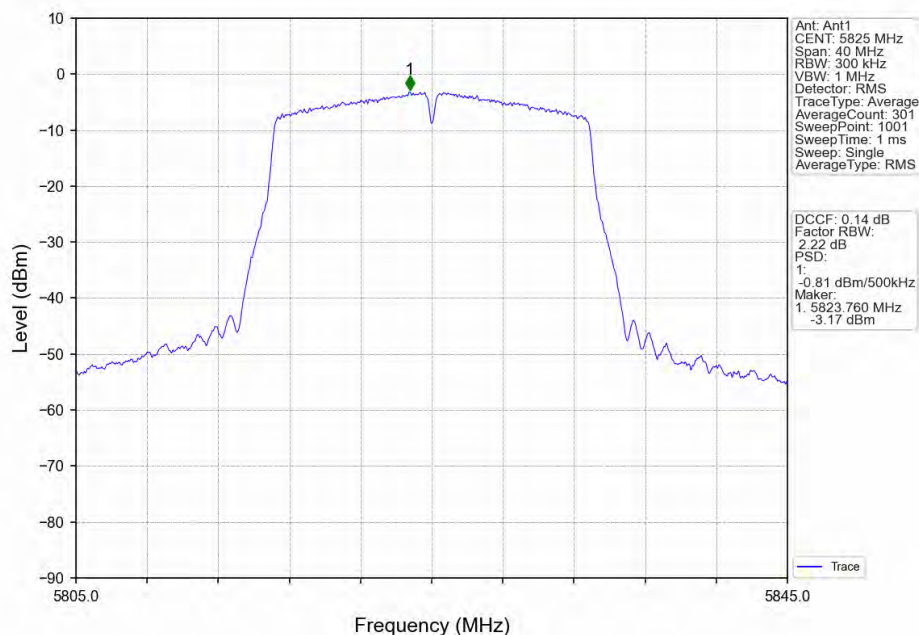
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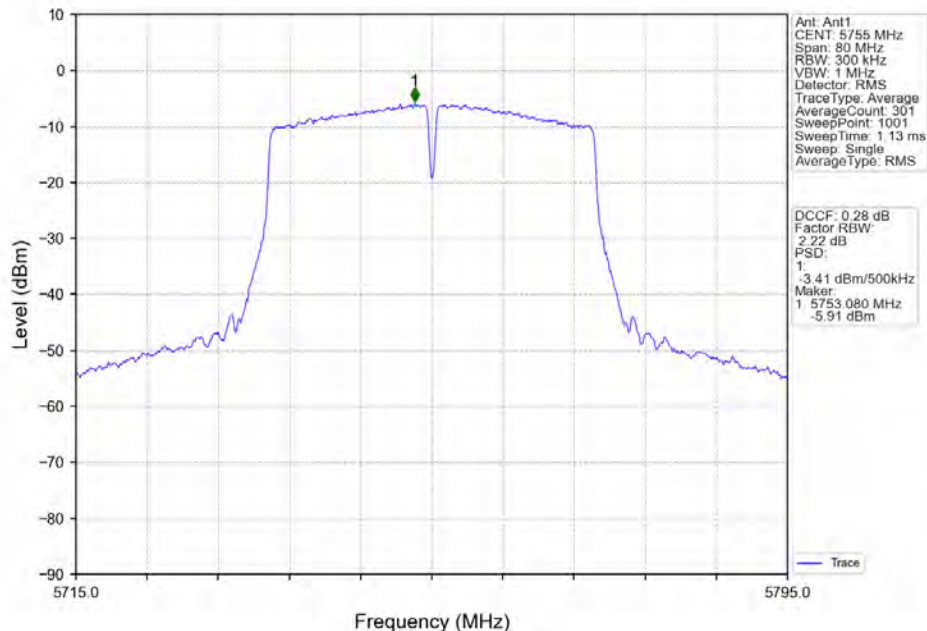
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### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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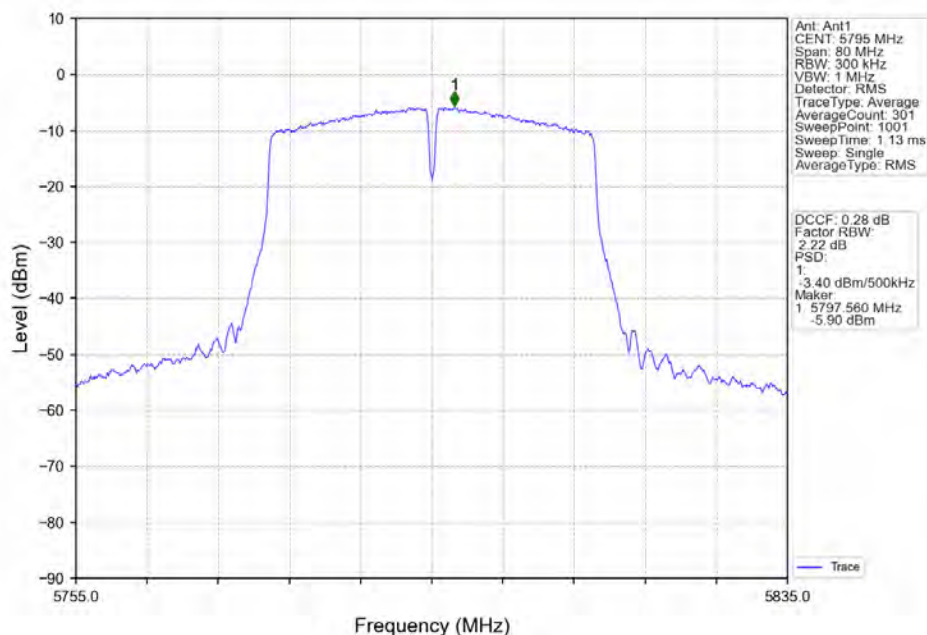
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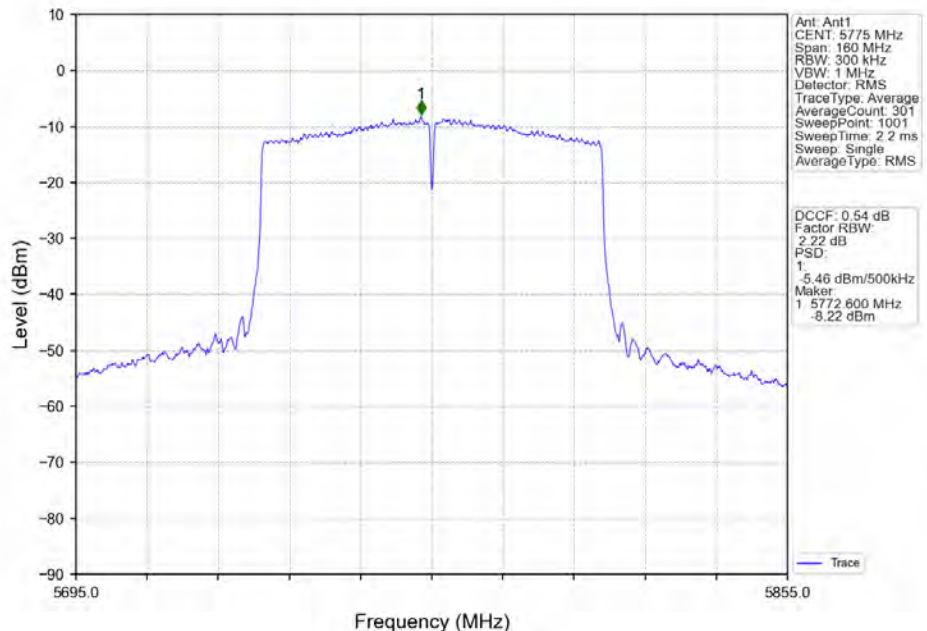
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### 802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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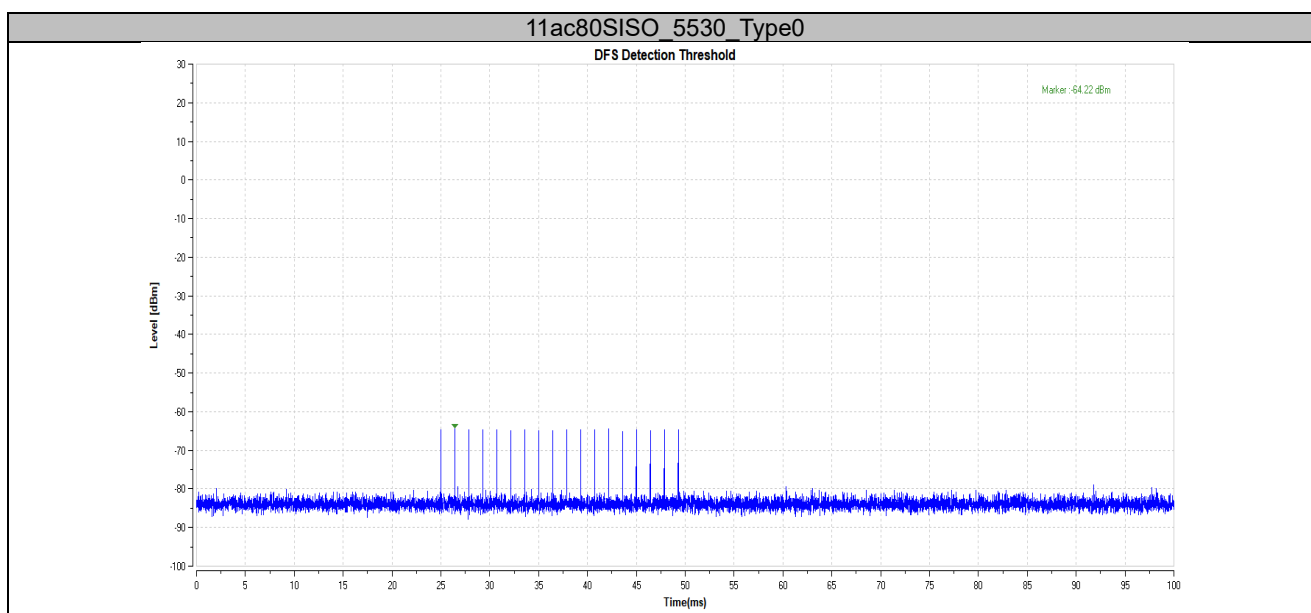
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## DFS Detection Thresholds Test Result

| TestMode   | Frequency[dbm] | Radar Type | Result | Limit[dbm] | Verdict |
|------------|----------------|------------|--------|------------|---------|
| 11ac80SISO | 5530           | Type0      | -64.22 | -64.00     | PASS    |

## Test Graphs



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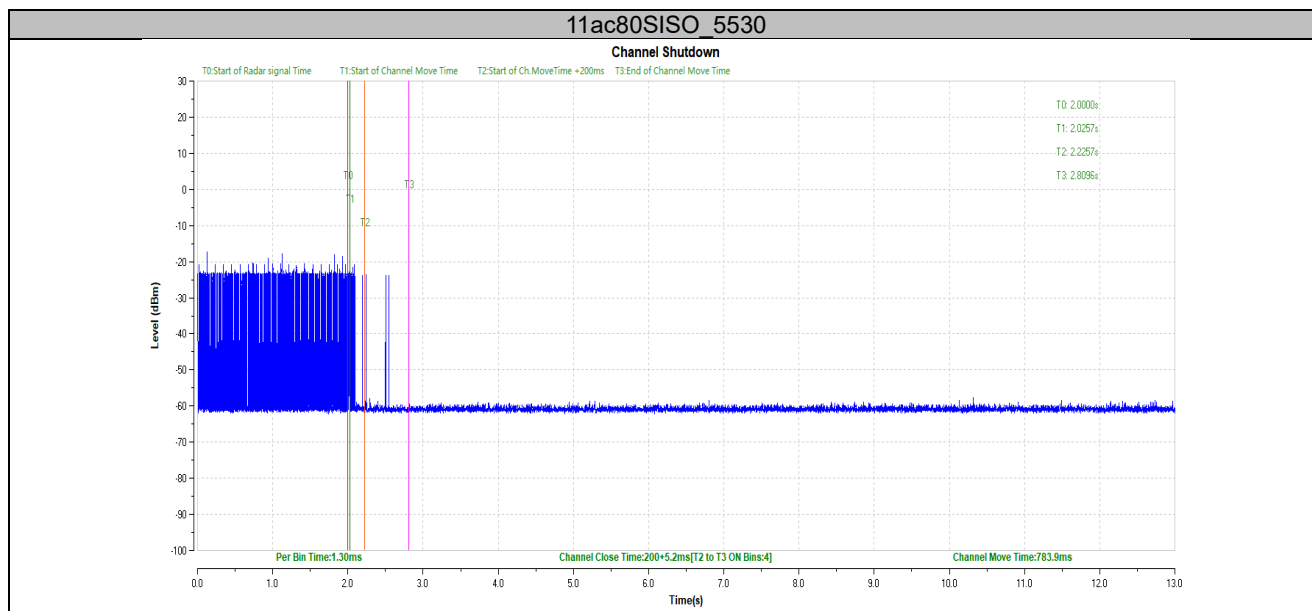
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### Channel Move Time and Channel Closing Transmission Time Test Result

| TestMode   | Frequency[MHz] | CCTT[ms] | Limit[ms] | CMT[ms] | Limit[ms] | Verdict |
|------------|----------------|----------|-----------|---------|-----------|---------|
| 11ac80SISO | 5530           | 200+5.2  | 200+60    | 783.9   | 10000     | PASS    |

### Test Graphs



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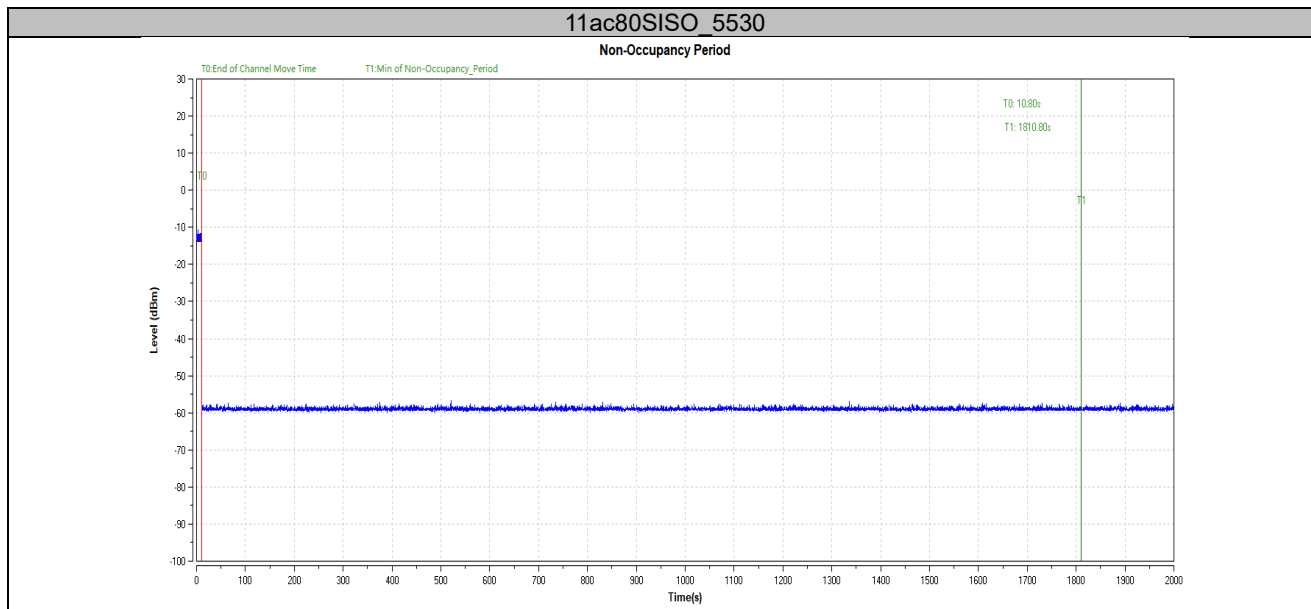
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### Non-Occupancy Period

### Test Result

| TestMode   | Frequency[MHz] | Result         | Limit[s] | Verdict |
|------------|----------------|----------------|----------|---------|
| 11ac80SISO | 5530           | see test graph | ≥1800    | PASS    |

### Test Graphs



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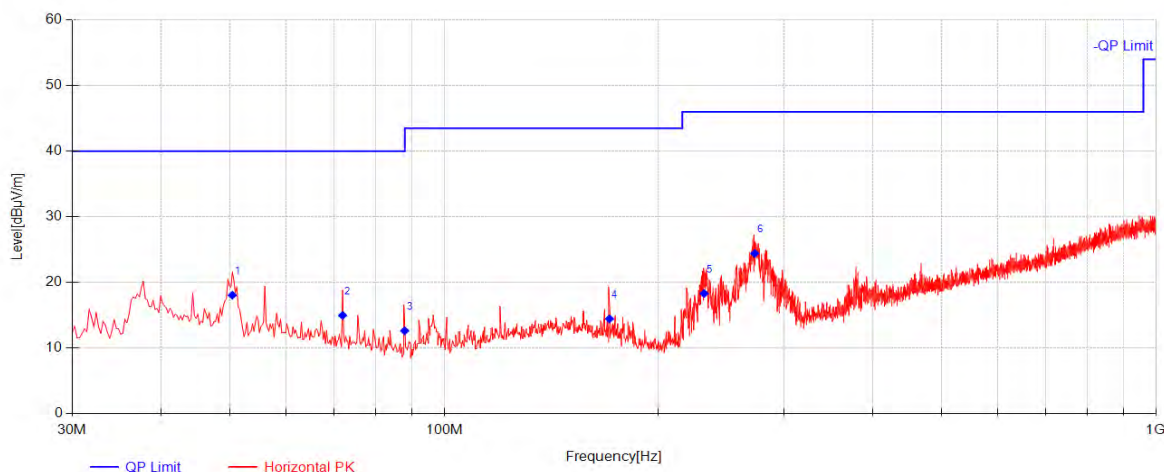
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## Radiated Spurious Emissions

### Radiated emission below 1GHz

#### Worst case Mode: 11n40\_Channel 102 (SKU1):



#### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   |
|-----|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|------------|
| 1   | 50.37           | 41.23          | -42.37      | 19.19     | 18.04             | 40.00             | 21.96          | Horizontal |
| 2   | 71.9525         | 40.26          | -42.03      | 16.73     | 14.96             | 40.00             | 25.04          | Horizontal |
| 3   | 87.9575         | 39.54          | -41.73      | 14.80     | 12.61             | 40.00             | 27.39          | Horizontal |
| 4   | 170.65          | 38.03          | -40.93      | 17.34     | 14.44             | 43.50             | 29.06          | Horizontal |
| 5   | 231.76          | 42.18          | -40.77      | 16.89     | 18.30             | 46.00             | 27.70          | Horizontal |
| 6   | 272.985         | 47.16          | -40.38      | 17.62     | 24.40             | 46.00             | 21.60          | Horizontal |



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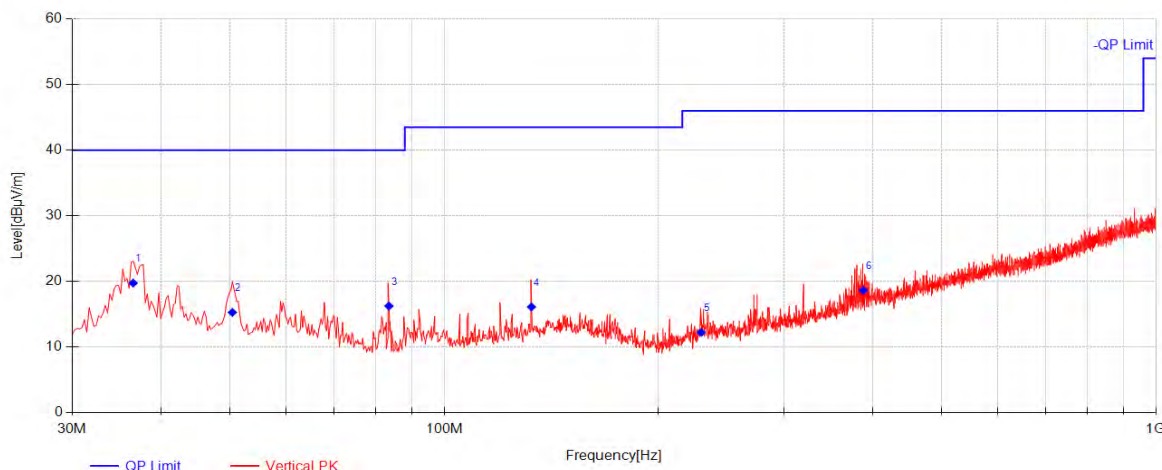
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| Data List |                 |                |             |           |                   |                   |                |          |
|-----------|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity |
| 1         | 36.5475         | 43.22          | -42.35      | 18.87     | 19.74             | 40.00             | 20.26          | Vertical |
| 2         | 50.37           | 38.45          | -42.37      | 19.19     | 15.26             | 40.00             | 24.74          | Vertical |
| 3         | 83.5925         | 43.01          | -41.79      | 15.02     | 16.24             | 40.00             | 23.76          | Vertical |
| 4         | 132.5775        | 39.56          | -41.58      | 18.12     | 16.10             | 43.50             | 27.40          | Vertical |
| 5         | 229.5775        | 36.20          | -40.78      | 16.78     | 12.20             | 46.00             | 33.80          | Vertical |
| 6         | 387.93          | 37.13          | -39.47      | 20.96     | 18.62             | 46.00             | 27.38          | Vertical |

## Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  
Value = Reading(dBμV) + AF(dB/m) + Factor(dB):  
AF = Antenna Factor(dB/m)  
Factor = Cable Factor(dB) - Preamplifier gain(dB)  
Margin = Limit(dBμV/m) – Value(dBμV/m)
- All channels have been tested, but only the worst case data displayed in this report.



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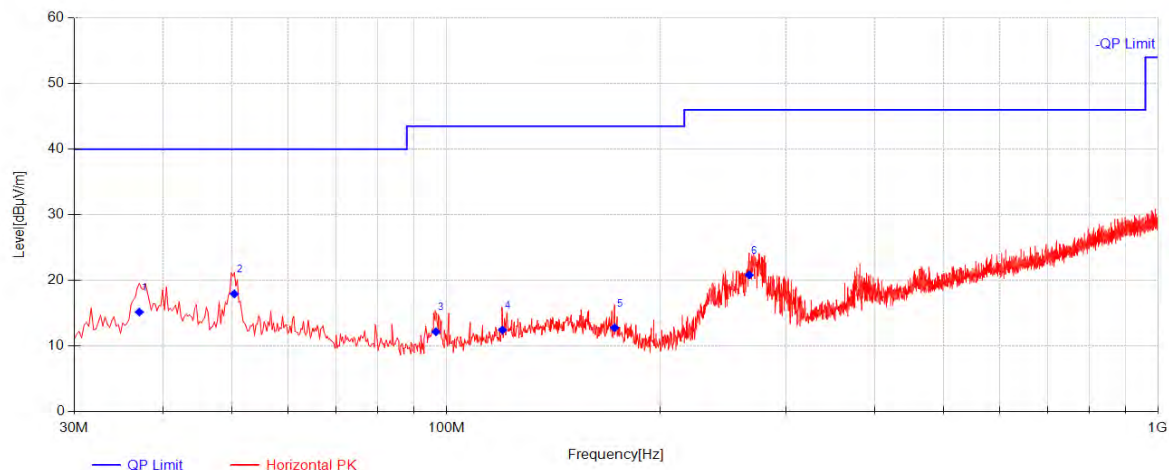
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## Test on the worst case(SKU2):

## 11n40\_Channel 102



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   |
|-----|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|------------|
| 1   | 37.0325         | 38.52          | -42.34      | 18.99     | 15.16             | 40.00             | 24.84          | Horizontal |
| 2   | 50.37           | 41.12          | -42.37      | 19.19     | 17.93             | 40.00             | 22.07          | Horizontal |
| 3   | 96.6875         | 38.58          | -41.67      | 15.24     | 12.15             | 43.50             | 31.35          | Horizontal |
| 4   | 119.9675        | 36.89          | -41.76      | 17.30     | 12.43             | 43.50             | 31.07          | Horizontal |
| 5   | 172.3475        | 36.52          | -40.94      | 17.19     | 12.77             | 43.50             | 30.73          | Horizontal |
| 6   | 266.4375        | 43.81          | -40.35      | 17.36     | 20.82             | 46.00             | 25.18          | Horizontal |



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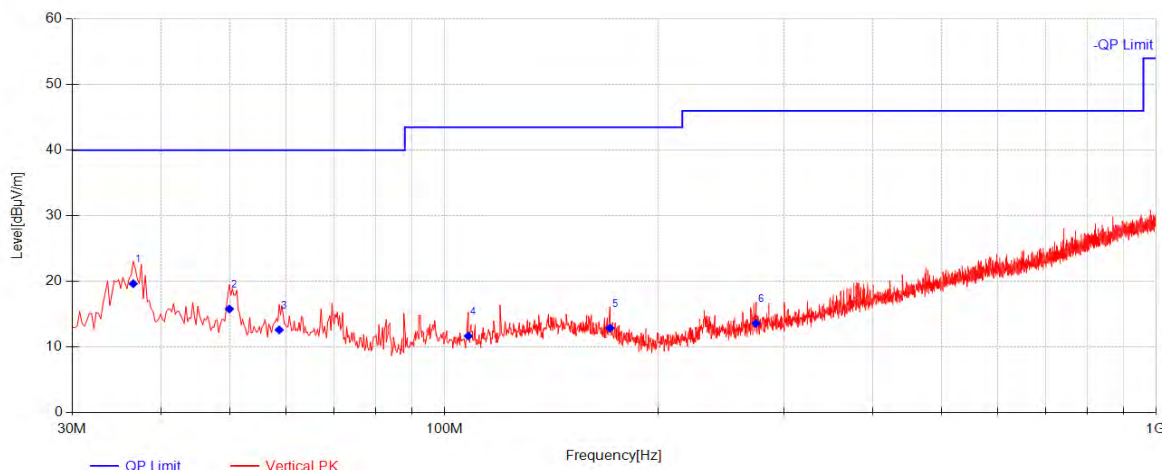
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| Data List |                 |                |             |           |                   |                   |                |          |
|-----------|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity |
| 1         | 36.5475         | 43.12          | -42.35      | 18.87     | 19.64             | 40.00             | 20.36          | Vertical |
| 2         | 49.885          | 38.95          | -42.38      | 19.21     | 15.78             | 40.00             | 24.22          | Vertical |
| 3         | 58.615          | 36.00          | -42.26      | 18.86     | 12.60             | 40.00             | 27.40          | Vertical |
| 4         | 108.085         | 37.19          | -41.76      | 16.23     | 11.66             | 43.50             | 31.84          | Vertical |
| 5         | 170.8925        | 36.48          | -40.93      | 17.32     | 12.87             | 43.50             | 30.63          | Vertical |
| 6         | 274.1975        | 36.30          | -40.39      | 17.67     | 13.58             | 46.00             | 32.42          | Vertical |

## Remark:

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

Value = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Value(dBμV/m)

- 2) All channels have been tested, but only the worst case data displayed in this report.



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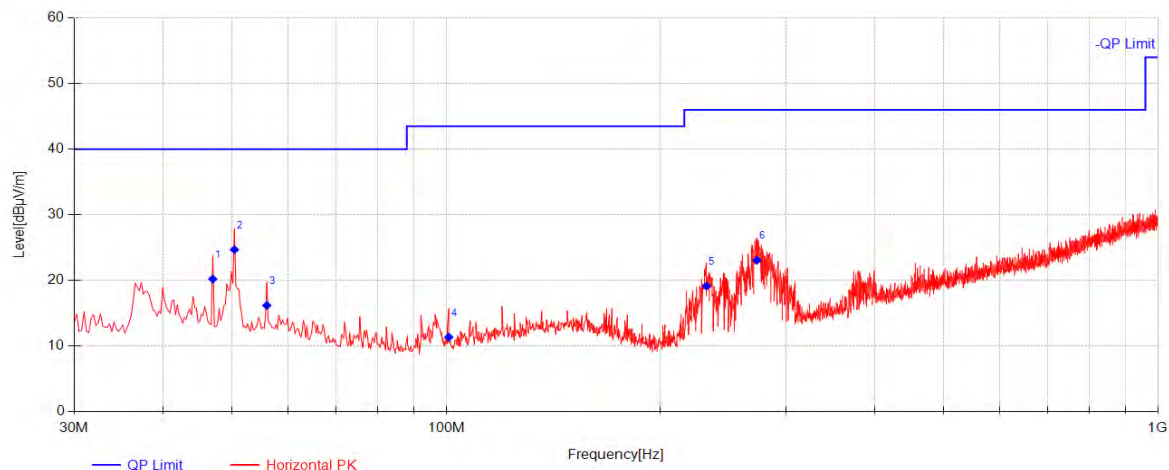
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## Test on the worst case(SKU5):

## 11n40\_Channel 102 WORSE



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity   |
|-----|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|------------|
| 1   | 46.975          | 43.21          | -42.36      | 19.35     | 20.20             | 40.00             | 19.80          | Horizontal |
| 2   | 50.37           | 47.86          | -42.37      | 19.19     | 24.67             | 40.00             | 15.33          | Horizontal |
| 3   | 55.9475         | 39.51          | -42.30      | 18.96     | 16.18             | 40.00             | 23.82          | Horizontal |
| 4   | 100.81          | 37.43          | -41.66      | 15.57     | 11.34             | 43.50             | 32.16          | Horizontal |
| 5   | 232.0025        | 42.99          | -40.77      | 16.90     | 19.12             | 46.00             | 26.88          | Horizontal |
| 6   | 273.2275        | 45.82          | -40.38      | 17.63     | 23.07             | 46.00             | 22.93          | Horizontal |



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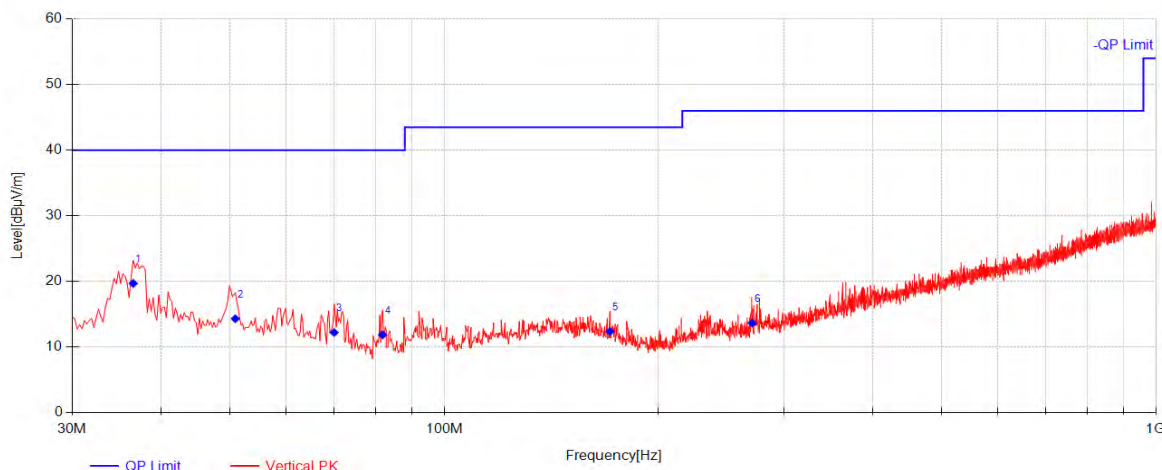
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| Data List |                 |                |             |           |                   |                   |                |          |
|-----------|-----------------|----------------|-------------|-----------|-------------------|-------------------|----------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF [dB/m] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity |
| 1         | 36.5475         | 43.15          | -42.35      | 18.87     | 19.67             | 40.00             | 20.33          | Vertical |
| 2         | 50.855          | 37.49          | -42.37      | 19.17     | 14.29             | 40.00             | 25.71          | Vertical |
| 3         | 70.0125         | 37.18          | -42.08      | 17.10     | 12.20             | 40.00             | 27.80          | Vertical |
| 4         | 81.895          | 38.55          | -41.81      | 15.11     | 11.85             | 40.00             | 28.15          | Vertical |
| 5         | 170.8925        | 35.96          | -40.93      | 17.32     | 12.35             | 43.50             | 31.15          | Vertical |
| 6         | 270.8025        | 36.47          | -40.36      | 17.53     | 13.64             | 46.00             | 32.36          | Vertical |

## Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  
 Value = Reading(dBμV) + AF(dB/m) + Factor(dB):  
 AF = Antenna Factor(dB/m)  
 Factor = Cable Factor(dB) - Preamplifier gain(dB)  
 Margin = Limit(dBμV/m) – Value(dBμV/m)
- All channels have been tested, but only the worst case data displayed in this report.



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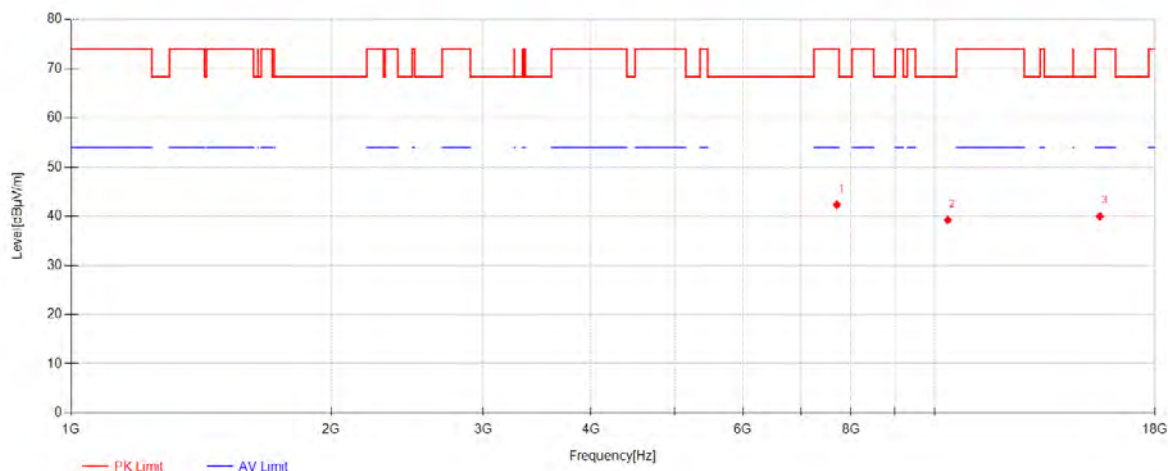
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## Transmitter emission Above 1GHz(SKU1):

## 802.11a\_Channel 36



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7705.5833       | 48.55          | 36.68     | -42.93      | 42.30          | 74.00          | 31.70       | Horizontal |
| 2   | 10360.0000      | 39.66          | 38.38     | -38.82      | 39.22          | 68.30          | 29.08       | Horizontal |
| 3   | 15540.0000      | 34.62          | 40.17     | -34.81      | 39.97          | 74.00          | 34.03       | Horizontal |



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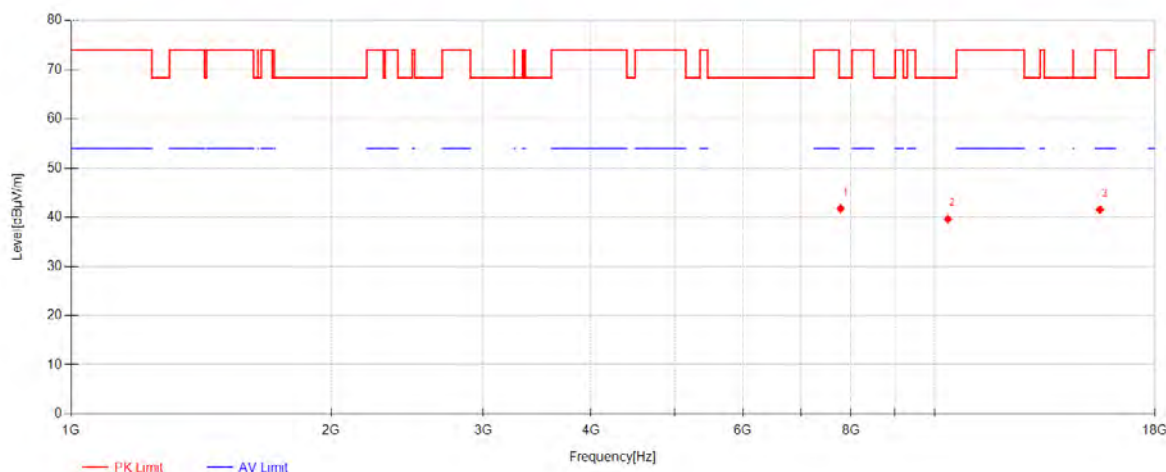
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## 802.11a\_Channel 36



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7781.7708       | 47.67          | 36.71     | -42.65      | 41.74          | 68.30          | 26.56       | Vertical |
| 2   | 10360.0000      | 40.07          | 38.38     | -38.82      | 39.63          | 68.30          | 28.67       | Vertical |
| 3   | 15540.0000      | 36.18          | 40.17     | -34.81      | 41.53          | 74.00          | 32.47       | Vertical |



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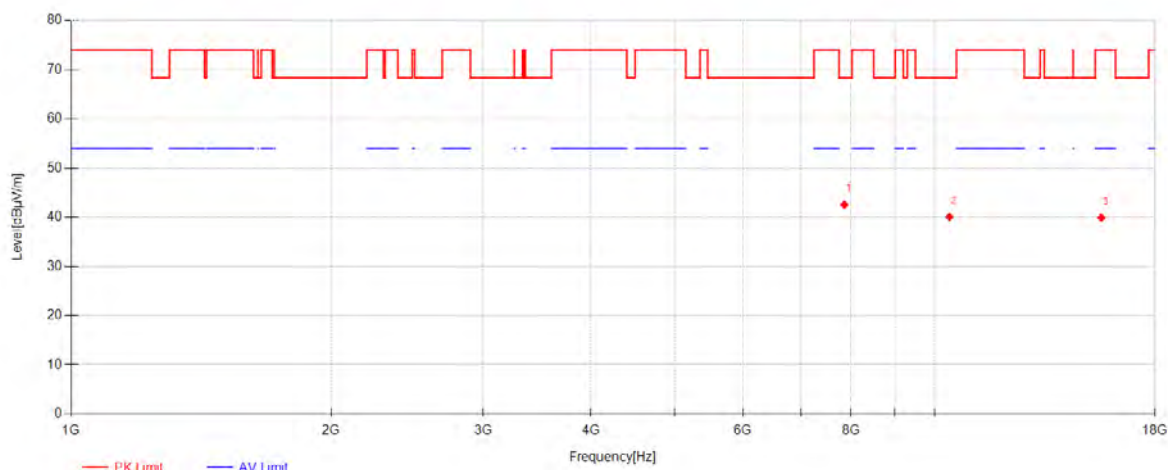
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## 802.11a\_Channel 44



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7859.3958       | 48.45          | 36.74     | -42.68      | 42.52          | 68.30          | 25.78       | Horizontal |
| 2   | 10400.0000      | 40.40          | 38.40     | -38.72      | 40.08          | 68.30          | 28.22       | Horizontal |
| 3   | 15600.0000      | 34.24          | 40.04     | -34.37      | 39.91          | 74.00          | 34.09       | Horizontal |



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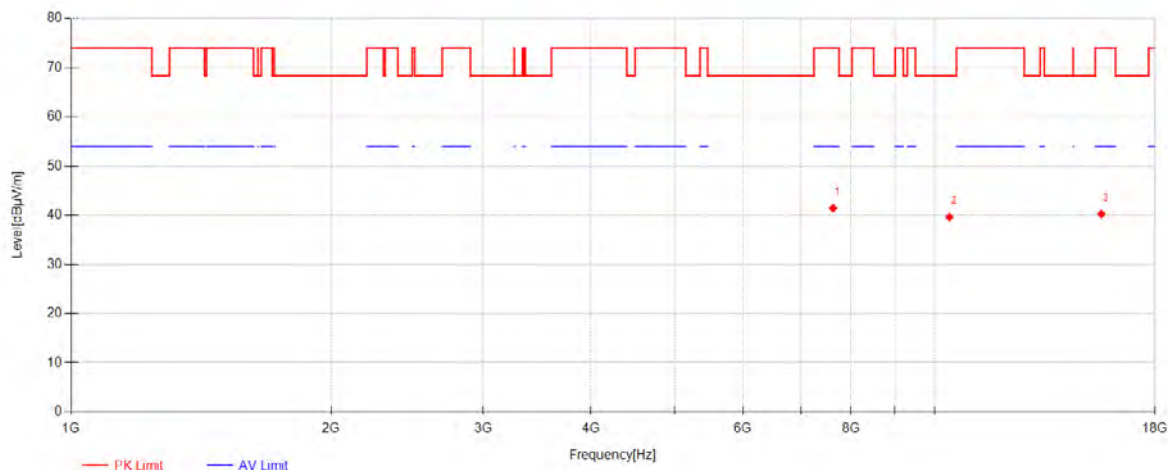
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### 802.11a\_Channel 44



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7627            | 47.57          | 36.65     | -42.80      | 41.42          | 74.00          | 32.58       | Vertical |
| 2   | 10400.0000      | 39.95          | 38.40     | -38.72      | 39.63          | 68.30          | 28.67       | Vertical |
| 3   | 15600.0000      | 34.57          | 40.04     | -34.37      | 40.24          | 74.00          | 33.76       | Vertical |



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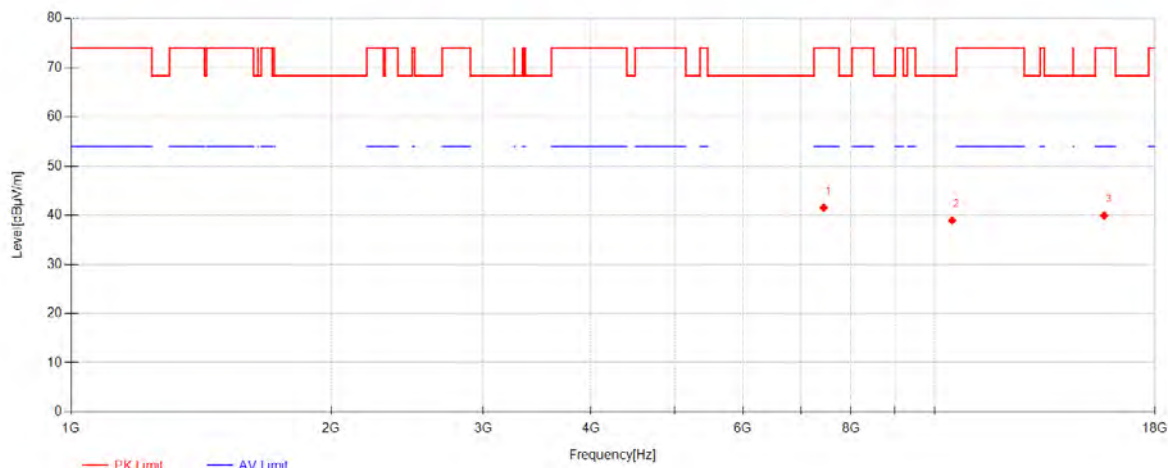
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### 802.11a\_Channel 48



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7440.125        | 48.04          | 36.43     | -42.94      | 41.53          | 74.00          | 32.47       | Horizontal |
| 2   | 10480.0000      | 39.25          | 38.44     | -38.75      | 38.94          | 68.30          | 29.36       | Horizontal |
| 3   | 15720.0000      | 33.36          | 39.79     | -33.22      | 39.93          | 74.00          | 34.07       | Horizontal |



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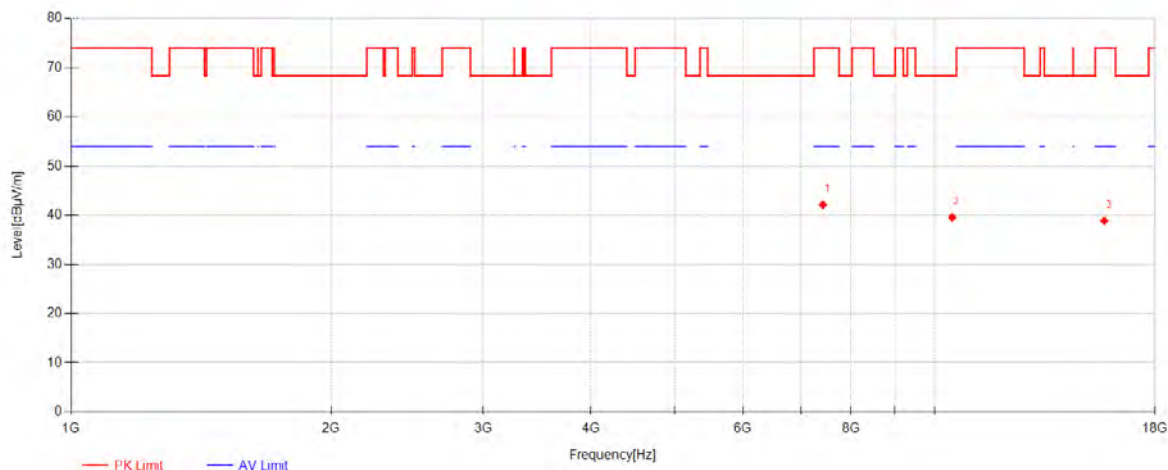
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### 802.11a\_Channel 48



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7424.7917       | 48.58          | 36.39     | -42.88      | 42.09          | 74.00          | 31.91       | Vertical |
| 2   | 10480.0000      | 39.89          | 38.44     | -38.75      | 39.58          | 68.30          | 28.72       | Vertical |
| 3   | 15720.0000      | 32.28          | 39.79     | -33.22      | 38.85          | 74.00          | 35.15       | Vertical |



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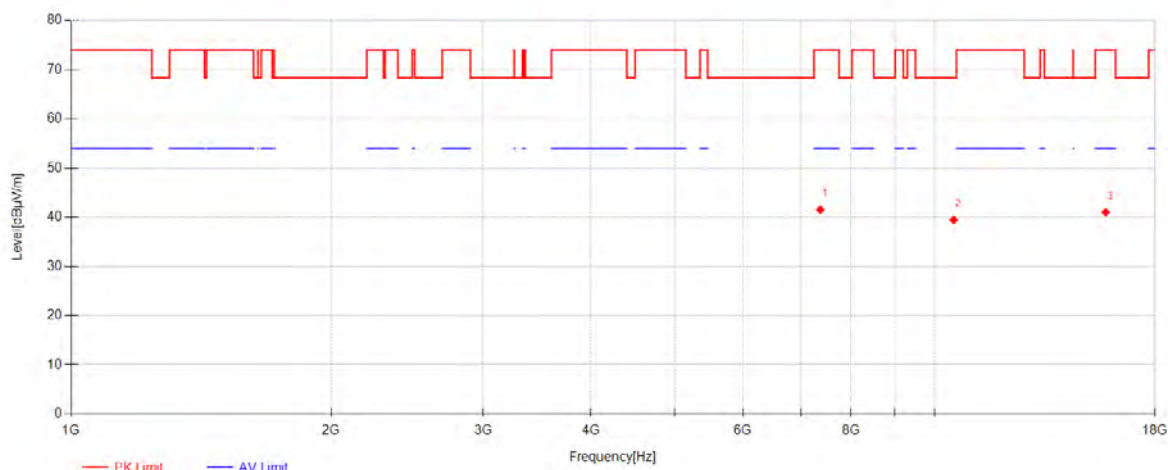
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## 802.11a\_Channel 52



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7373.0417       | 48.20          | 36.24     | -42.94      | 41.51          | 74.00          | 32.49       | Horizontal |
| 2   | 10520.0000      | 39.63          | 38.46     | -38.61      | 39.48          | 68.30          | 28.82       | Horizontal |
| 3   | 15780.0000      | 34.44          | 39.66     | -33.10      | 41.00          | 74.00          | 33.00       | Horizontal |



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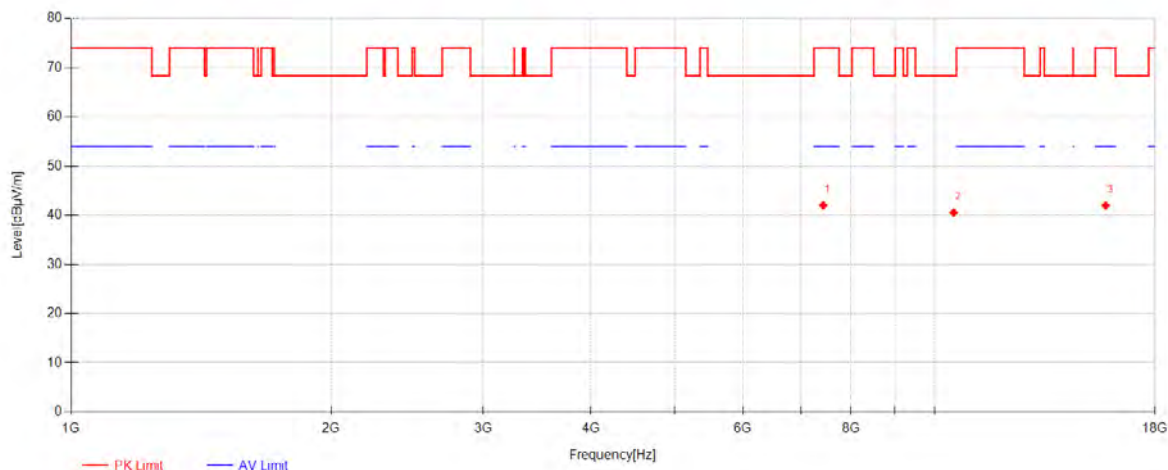
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### 802.11a\_Channel 52



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7431.5          | 48.48          | 36.41     | -42.91      | 41.98          | 74.00          | 32.02       | Vertical |
| 2   | 10520.0000      | 40.70          | 38.46     | -38.61      | 40.55          | 68.30          | 27.75       | Vertical |
| 3   | 15780.0000      | 35.37          | 39.66     | -33.10      | 41.93          | 74.00          | 32.07       | Vertical |



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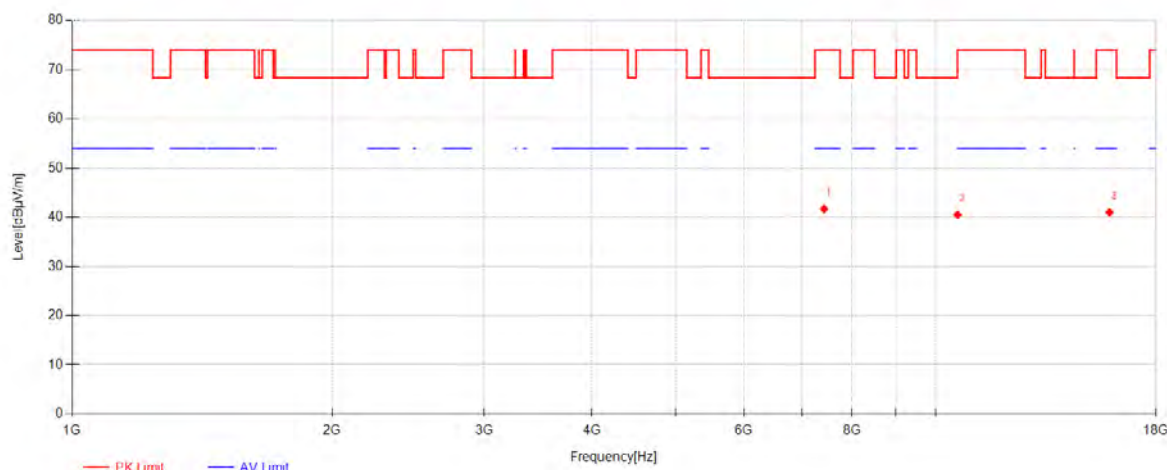
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## 802.11a\_Channel 60



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7427.6667       | 48.17          | 36.40     | -42.90      | 41.67          | 74.00          | 32.33       | Horizontal |
| 2   | 10600.0000      | 40.01          | 38.50     | -38.01      | 40.50          | 74.00          | 33.50       | Horizontal |
| 3   | 15900.0000      | 35.71          | 39.41     | -34.13      | 40.99          | 74.00          | 33.01       | Horizontal |



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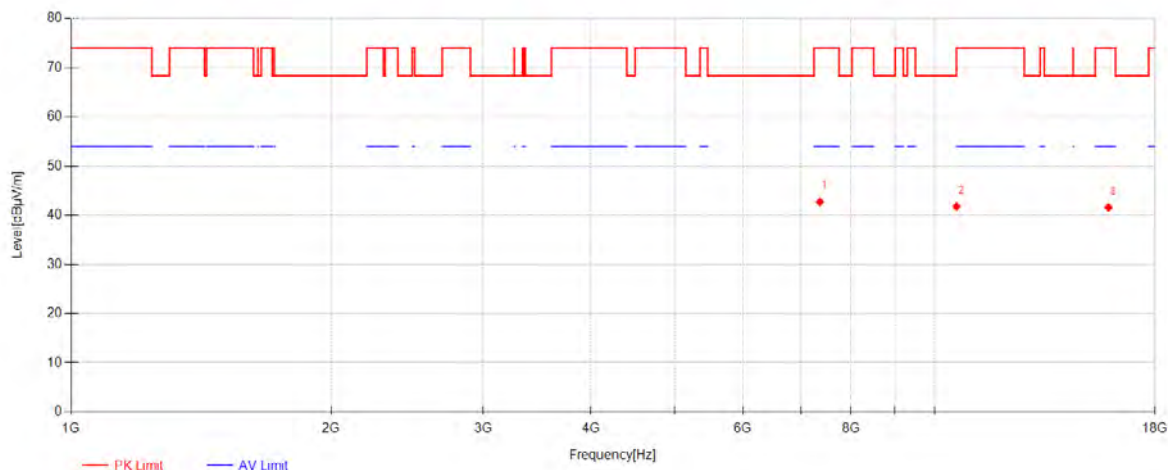
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### 802.11a\_Channel 60



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7364.4167       | 49.44          | 36.22     | -42.98      | 42.68          | 74.00          | 31.32       | Vertical |
| 2   | 10600.0000      | 41.27          | 38.50     | -38.01      | 41.76          | 74.00          | 32.24       | Vertical |
| 3   | 15900.0000      | 36.28          | 39.41     | -34.13      | 41.56          | 74.00          | 32.44       | Vertical |



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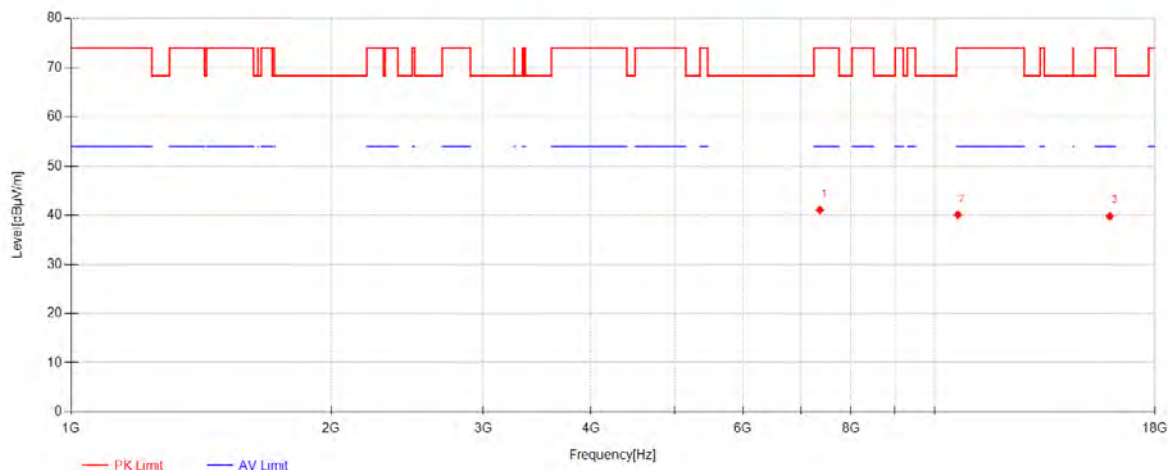
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### 802.11a\_Channel 64



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7364.4167       | 47.83          | 36.22     | -42.98      | 41.07          | 74.00          | 32.93       | Horizontal |
| 2   | 10640.0000      | 39.38          | 38.52     | -37.80      | 40.10          | 74.00          | 33.90       | Horizontal |
| 3   | 15960.0000      | 35.15          | 39.28     | -34.63      | 39.80          | 74.00          | 34.20       | Horizontal |



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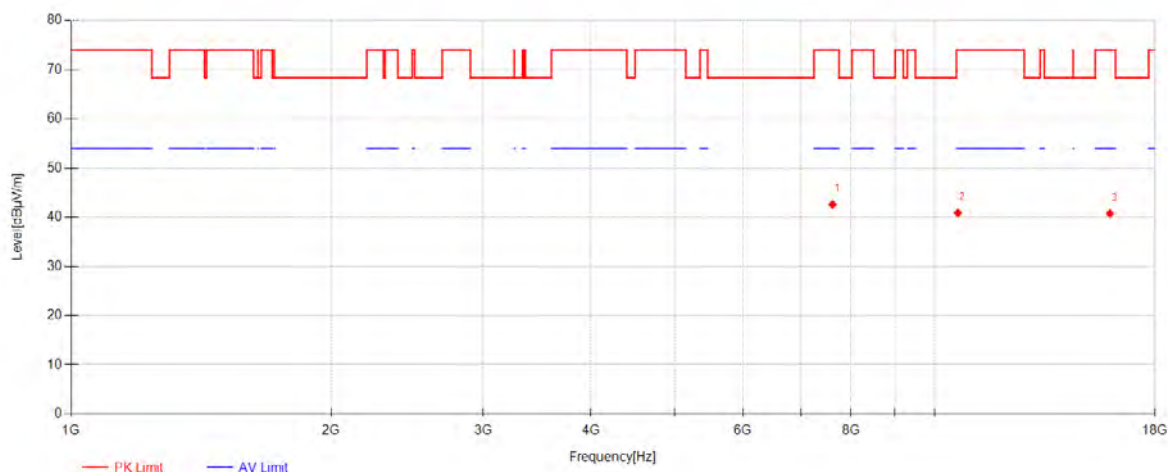
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## 802.11a\_Channel 64



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7618.8542       | 48.69          | 36.65     | -42.78      | 42.56          | 74.00          | 31.44       | Vertical |
| 2   | 10640.0000      | 40.14          | 38.52     | -37.80      | 40.86          | 74.00          | 33.14       | Vertical |
| 3   | 15960.0000      | 36.10          | 39.28     | -34.63      | 40.75          | 74.00          | 33.25       | Vertical |



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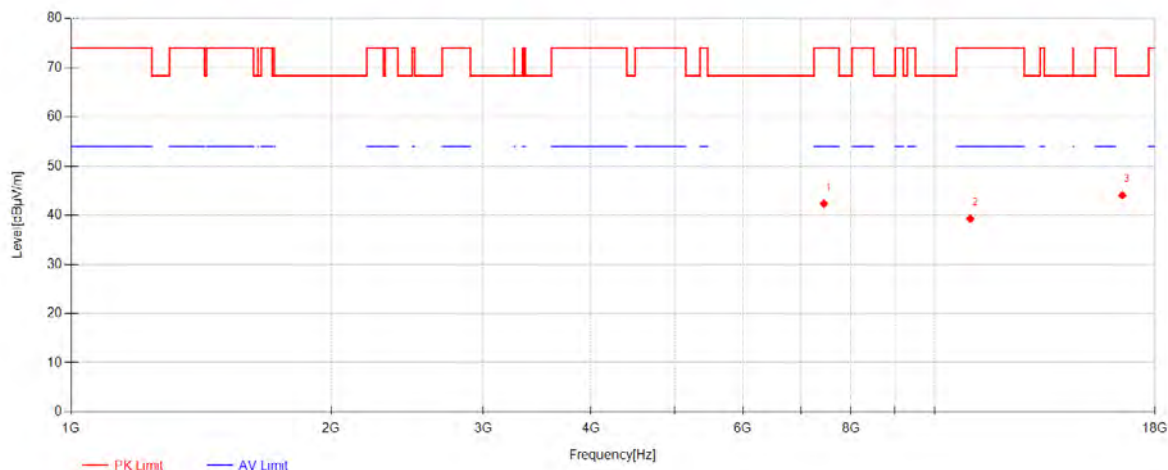
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## 802.11a\_Channel 100



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7444.4375       | 48.82          | 36.44     | -42.96      | 42.31          | 74.00          | 31.69       | Horizontal |
| 2   | 11000.0000      | 38.18          | 38.70     | -37.59      | 39.29          | 74.00          | 34.71       | Horizontal |
| 3   | 16500.0000      | 37.58          | 40.75     | -34.28      | 44.05          | 68.30          | 24.25       | Horizontal |



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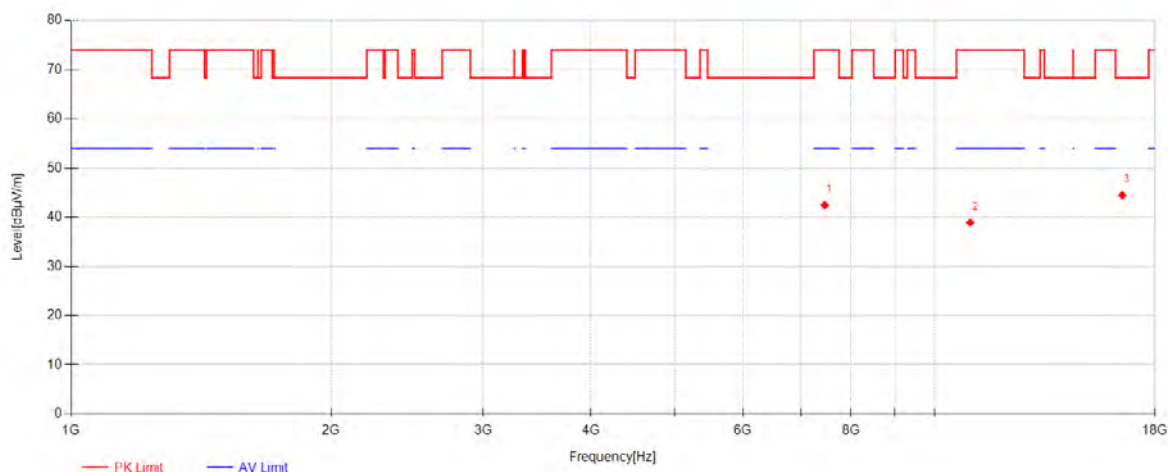
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## 802.11a\_Channel 100



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7461.6875       | 48.94          | 36.49     | -43.02      | 42.41          | 74.00          | 31.59       | Vertical |
| 2   | 11000.0000      | 37.78          | 38.70     | -37.59      | 38.89          | 74.00          | 35.11       | Vertical |
| 3   | 16500.0000      | 38.01          | 40.75     | -34.28      | 44.48          | 68.30          | 23.82       | Vertical |



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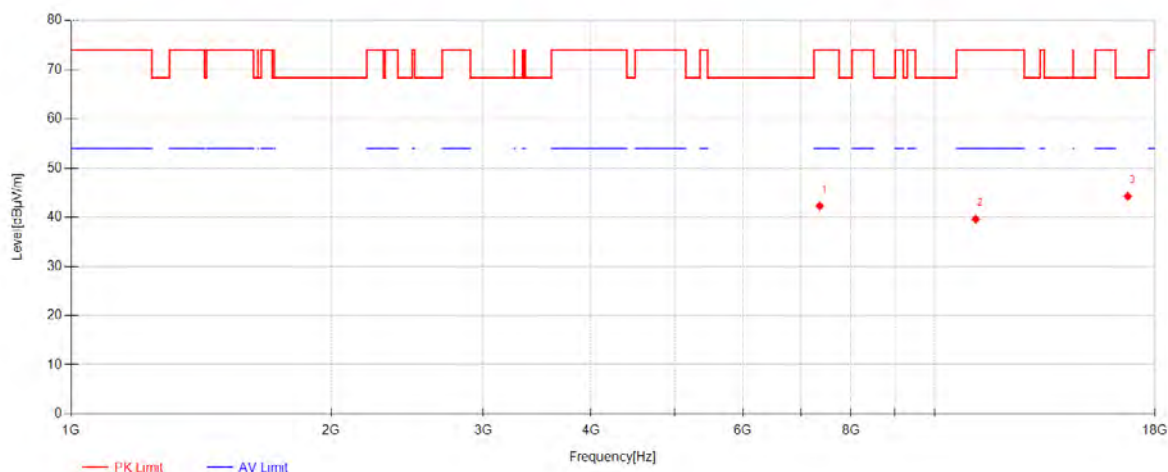
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## 802.11a\_Channel 116



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7360.1042       | 49.05          | 36.21     | -43.01      | 42.25          | 74.00          | 31.75       | Horizontal |
| 2   | 11160.0000      | 37.96          | 38.72     | -37.06      | 39.62          | 74.00          | 34.38       | Horizontal |
| 3   | 16740.0000      | 37.53          | 41.49     | -34.77      | 44.26          | 68.30          | 24.04       | Horizontal |



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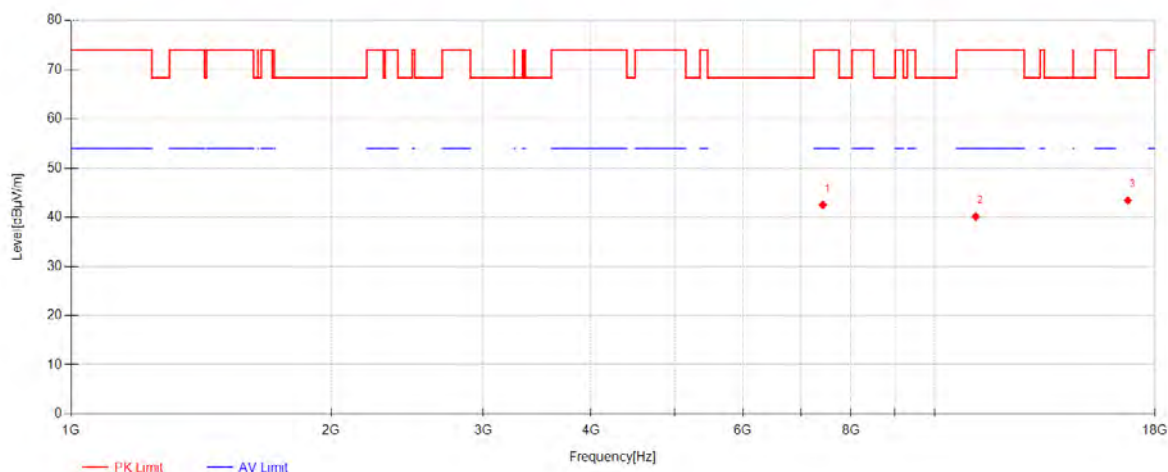
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## 802.11a\_Channel 116



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7421.9167       | 48.97          | 36.38     | -42.87      | 42.48          | 74.00          | 31.52       | Vertical |
| 2   | 11160.0000      | 38.48          | 38.72     | -37.06      | 40.14          | 74.00          | 33.86       | Vertical |
| 3   | 16740.0000      | 36.67          | 41.49     | -34.77      | 43.40          | 68.30          | 24.90       | Vertical |



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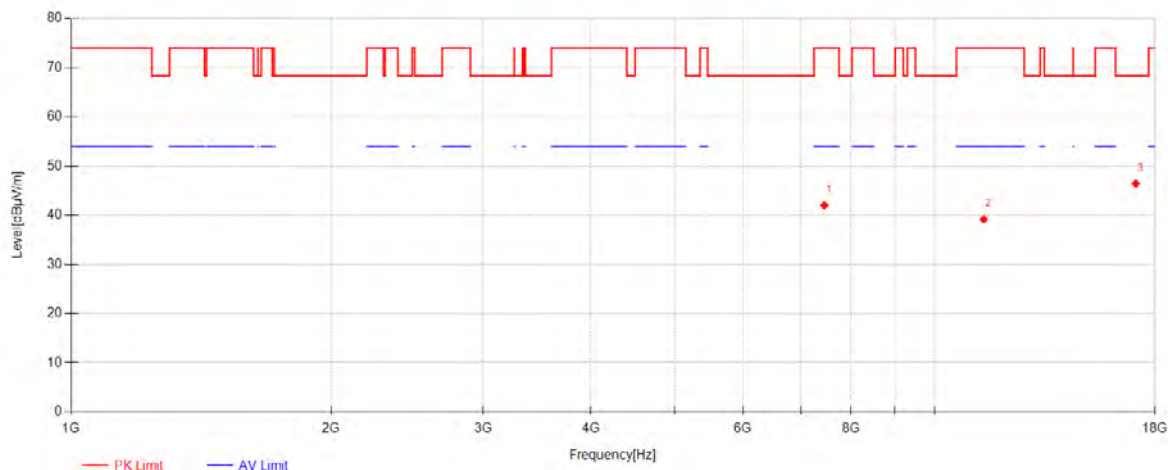
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### 802.11a\_Channel 140



#### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7452.1042       | 48.50          | 36.47     | -42.99      | 41.98          | 74.00          | 32.02       | Horizontal |
| 2   | 11400.0000      | 37.93          | 38.74     | -37.51      | 39.16          | 74.00          | 34.84       | Horizontal |
| 3   | 17100.0000      | 37.40          | 42.75     | -33.74      | 46.41          | 68.30          | 21.89       | Horizontal |



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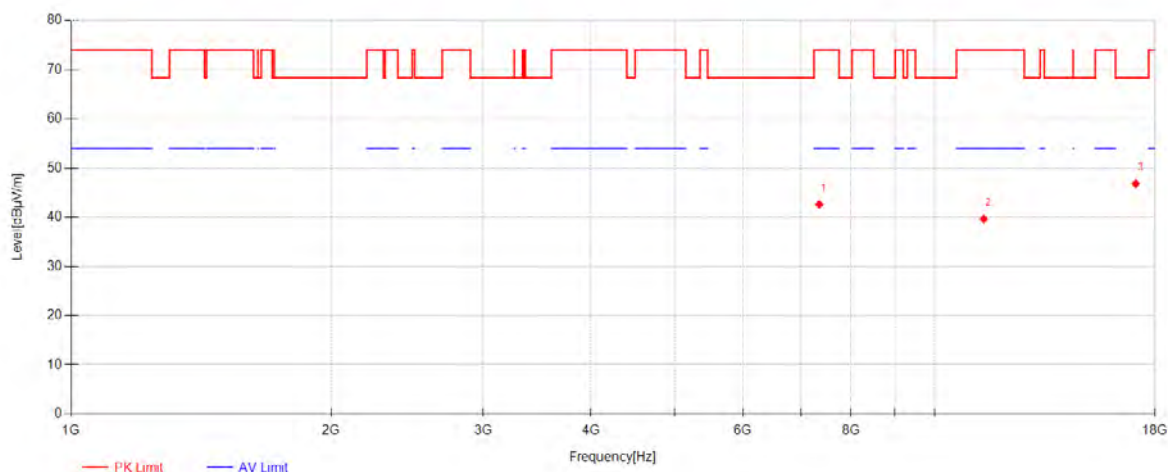
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## 802.11a\_Channel 140



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7352.9167       | 49.44          | 36.19     | -43.04      | 42.58          | 74.00          | 31.42       | Vertical |
| 2   | 11400.0000      | 38.44          | 38.74     | -37.51      | 39.67          | 74.00          | 34.33       | Vertical |
| 3   | 17100.0000      | 37.77          | 42.75     | -33.74      | 46.78          | 68.30          | 21.52       | Vertical |



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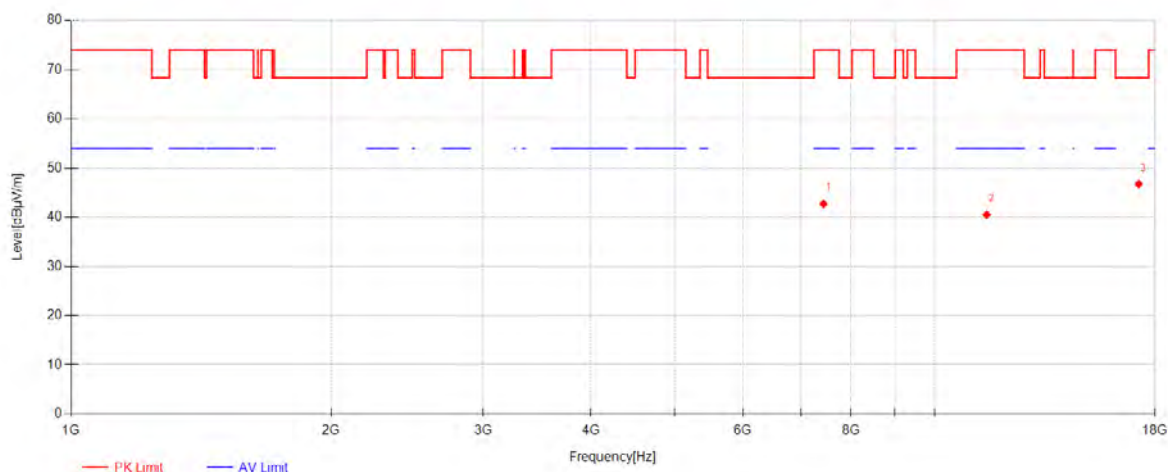
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## 802.11a\_Channel 149



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7435.8125       | 49.19          | 36.42     | -42.93      | 42.68          | 74.00          | 31.32       | Horizontal |
| 2   | 11490.0000      | 38.39          | 38.75     | -36.61      | 40.53          | 74.00          | 33.47       | Horizontal |
| 3   | 17235.0000      | 38.31          | 43.36     | -34.96      | 46.71          | 68.30          | 21.59       | Horizontal |



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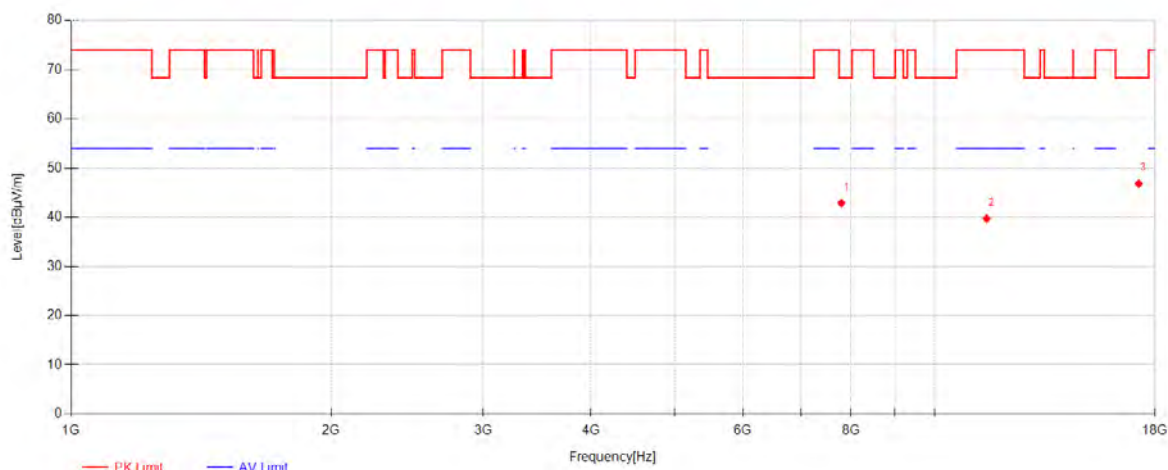
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## 802.11a\_Channel 149



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7799.5          | 48.69          | 36.72     | -42.58      | 42.83          | 68.30          | 25.47       | Vertical |
| 2   | 11490.0000      | 37.60          | 38.75     | -36.61      | 39.74          | 74.00          | 34.26       | Vertical |
| 3   | 17235.0000      | 38.39          | 43.36     | -34.96      | 46.79          | 68.30          | 21.51       | Vertical |



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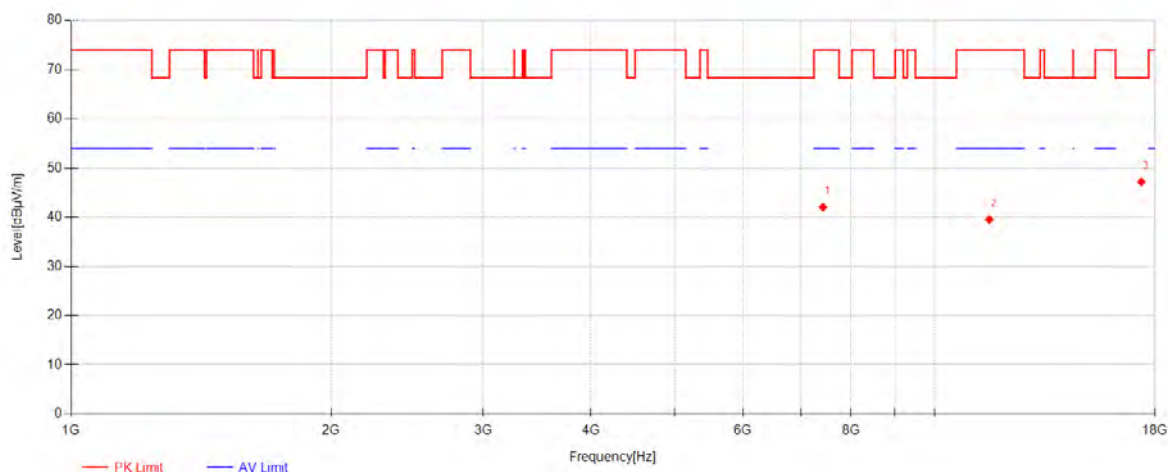
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## 802.11A\_Channel 157



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7426.2292       | 48.51          | 36.39     | -42.89      | 42.01          | 74.00          | 31.99       | Horizontal |
| 2   | 11570.0000      | 37.64          | 38.76     | -36.84      | 39.56          | 74.00          | 34.44       | Horizontal |
| 3   | 17355.0000      | 38.26          | 43.90     | -35.00      | 47.16          | 68.30          | 21.14       | Horizontal |



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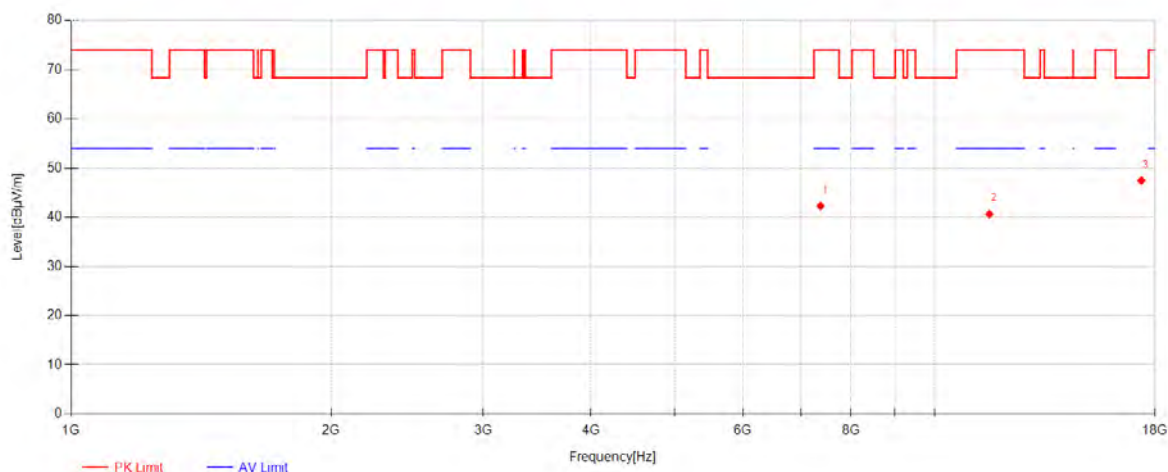
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## 802.11a\_Channel 157



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7376.3958       | 48.92          | 36.25     | -42.92      | 42.26          | 74.00          | 31.74       | Vertical |
| 2   | 11570.0000      | 38.72          | 38.76     | -36.84      | 40.64          | 74.00          | 33.36       | Vertical |
| 3   | 17355.0000      | 38.51          | 43.90     | -35.00      | 47.41          | 68.30          | 20.89       | Vertical |



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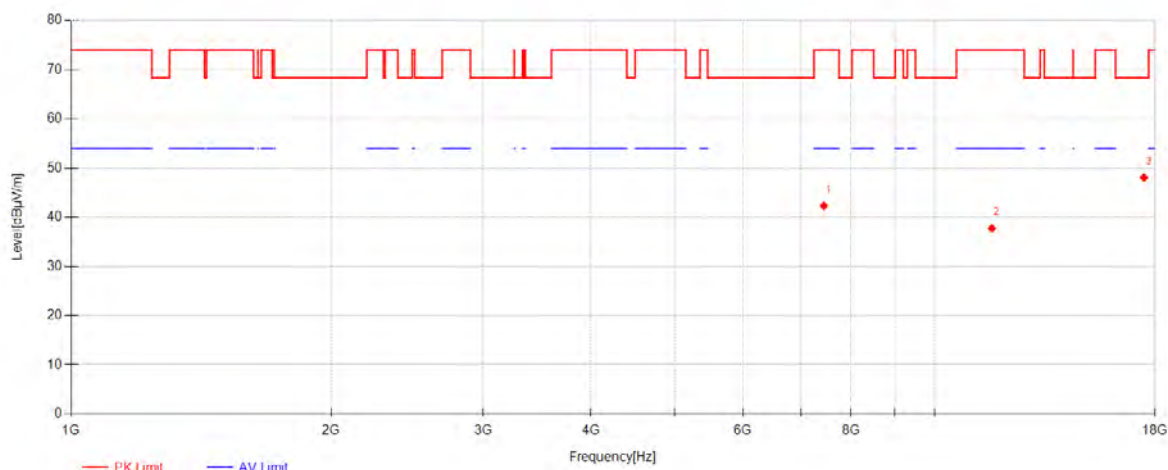
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## 802.11a\_Channel 165



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7443.4792       | 48.78          | 36.44     | -42.96      | 42.27          | 74.00          | 31.73       | Horizontal |
| 2   | 11650.0000      | 35.49          | 38.77     | -36.53      | 37.72          | 74.00          | 36.28       | Horizontal |
| 3   | 17475.0000      | 37.64          | 44.44     | -34.07      | 48.01          | 68.30          | 20.29       | Horizontal |



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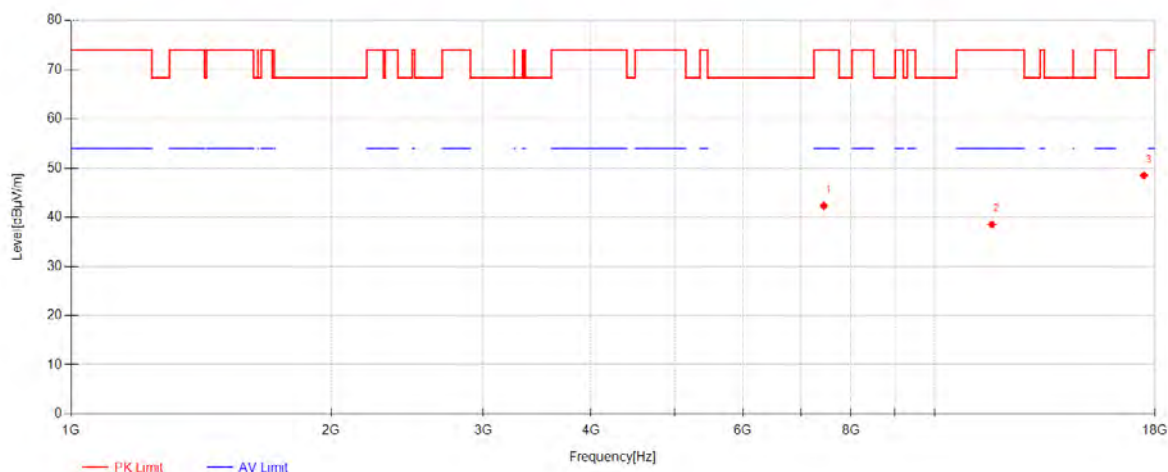
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## 802.11a\_Channel 165



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7442.0417       | 48.78          | 36.44     | -42.95      | 42.27          | 74.00          | 31.73       | Vertical |
| 2   | 11650.0000      | 36.29          | 38.77     | -36.53      | 38.52          | 74.00          | 35.48       | Vertical |
| 3   | 17475.0000      | 38.10          | 44.44     | -34.07      | 48.47          | 68.30          | 19.83       | Vertical |



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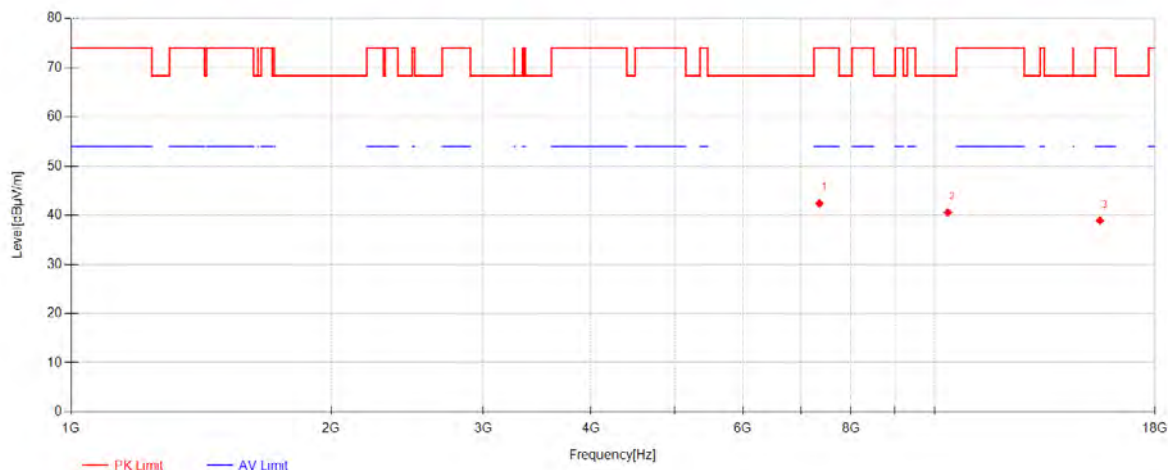
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### 802.11n20\_Channel 36



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7354.8333       | 49.19          | 36.19     | -43.03      | 42.35          | 74.00          | 31.65       | Horizontal |
| 2   | 10360.0000      | 41.02          | 38.38     | -38.82      | 40.58          | 68.30          | 27.72       | Horizontal |
| 3   | 15540.0000      | 33.53          | 40.17     | -34.81      | 38.88          | 74.00          | 35.12       | Horizontal |



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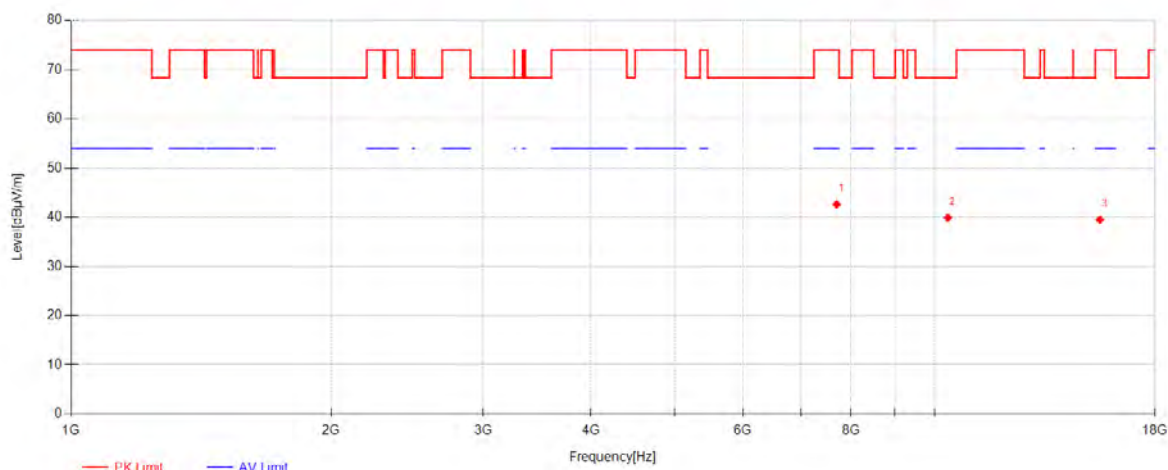
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## 802.11n20\_Channel 36



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7701.2708       | 48.82          | 36.68     | -42.95      | 42.56          | 74.00          | 31.44       | Vertical |
| 2   | 10360.0000      | 40.34          | 38.38     | -38.82      | 39.90          | 68.30          | 28.40       | Vertical |
| 3   | 15540.0000      | 34.17          | 40.17     | -34.81      | 39.52          | 74.00          | 34.48       | Vertical |



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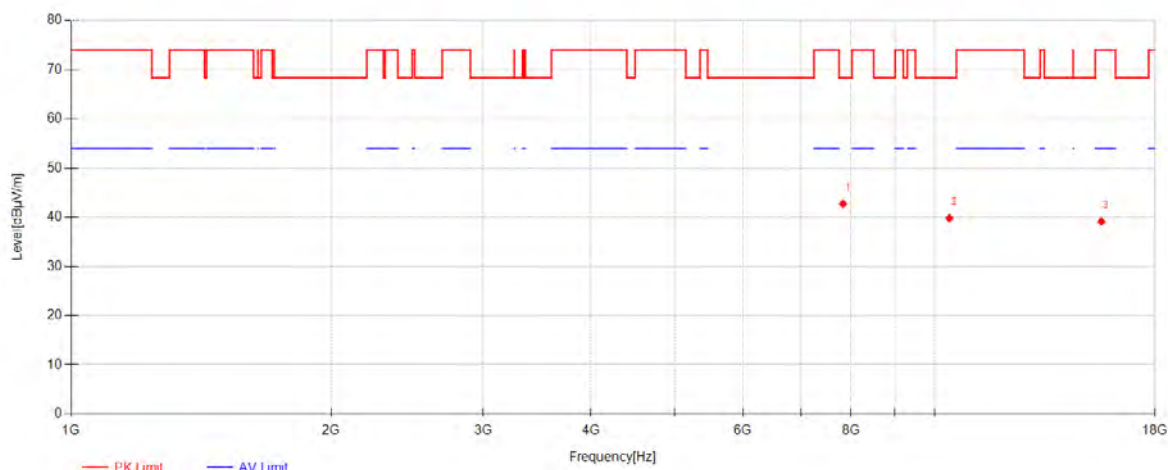
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## 802.11n20\_Channel 44



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7834            | 48.60          | 36.73     | -42.63      | 42.70          | 68.30          | 25.60       | Horizontal |
| 2   | 10400.0000      | 40.14          | 38.40     | -38.72      | 39.82          | 68.30          | 28.48       | Horizontal |
| 3   | 15600.0000      | 33.46          | 40.04     | -34.37      | 39.13          | 74.00          | 34.87       | Horizontal |



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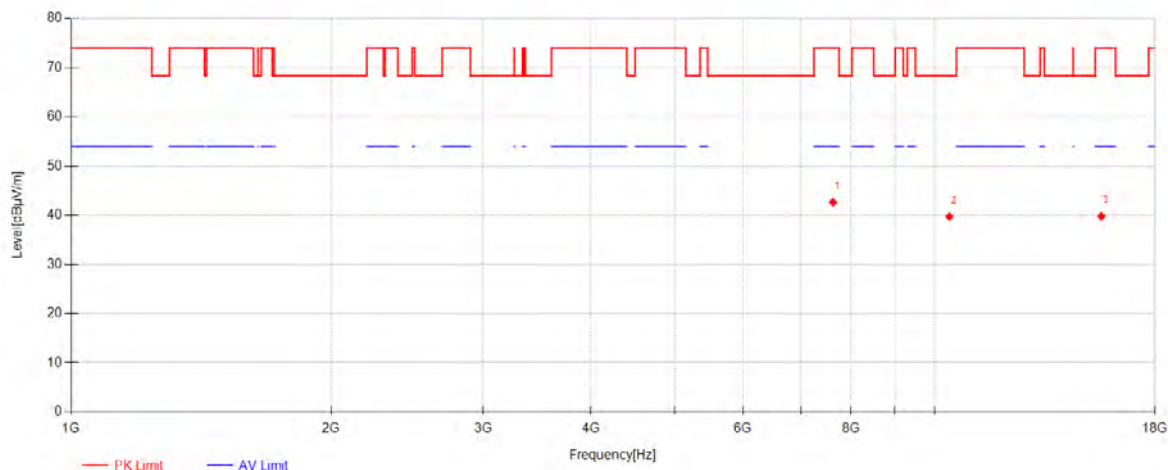
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### 802.11n20\_Channel 44



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7626.5208       | 48.76          | 36.65     | -42.80      | 42.61          | 74.00          | 31.39       | Vertical |
| 2   | 10400.0000      | 40.05          | 38.40     | -38.72      | 39.73          | 68.30          | 28.57       | Vertical |
| 3   | 15600.0000      | 34.11          | 40.04     | -34.37      | 39.78          | 74.00          | 34.22       | Vertical |



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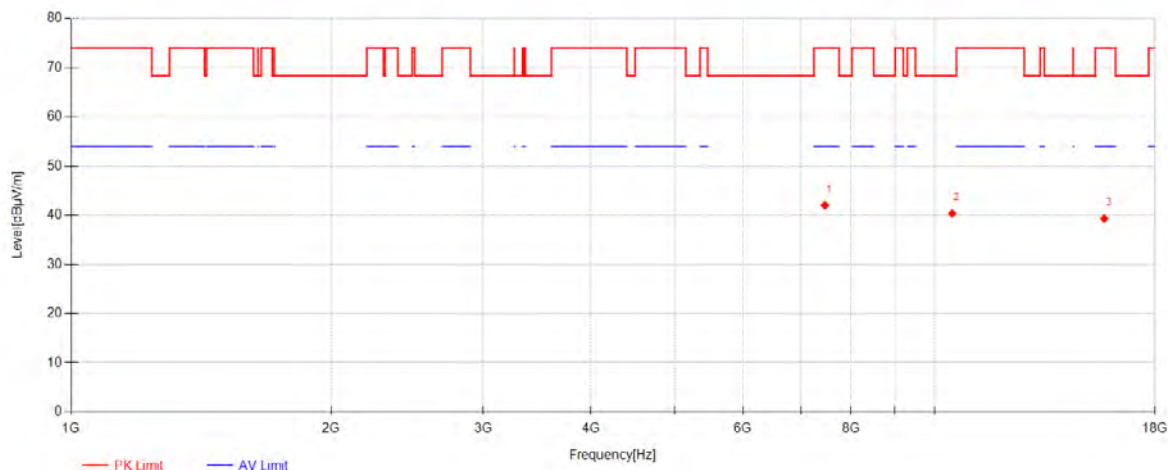
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### 802.11n20\_Channel 48



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7464.5625       | 48.51          | 36.50     | -43.04      | 41.98          | 74.00          | 32.02       | Horizontal |
| 2   | 10480.0000      | 40.65          | 38.44     | -38.75      | 40.34          | 68.30          | 27.96       | Horizontal |
| 3   | 15720.0000      | 32.74          | 39.79     | -33.22      | 39.31          | 74.00          | 34.69       | Horizontal |



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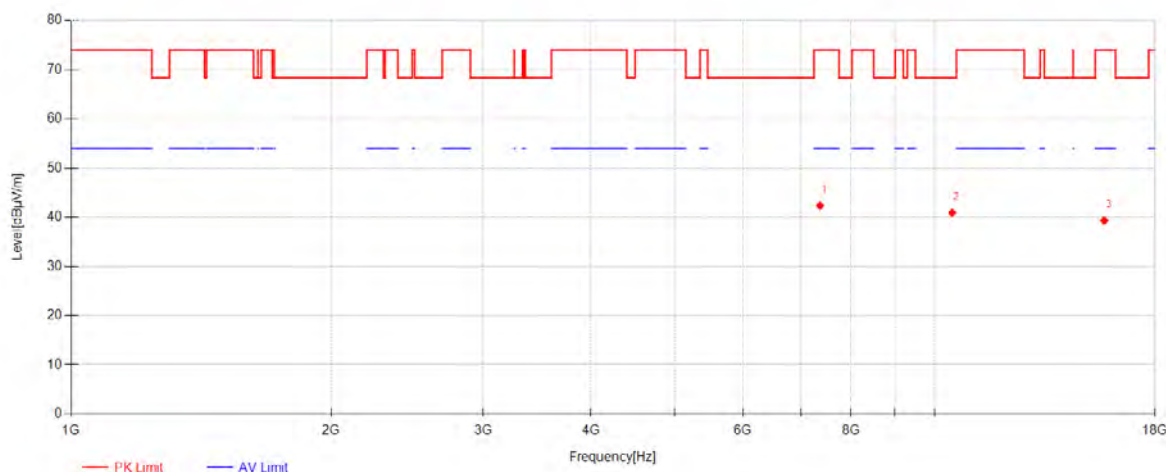
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## 802.11n20\_Channel 48



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7368.25         | 49.04          | 36.23     | -42.96      | 42.31          | 74.00          | 31.69       | Vertical |
| 2   | 10480.0000      | 41.21          | 38.44     | -38.75      | 40.90          | 68.30          | 27.40       | Vertical |
| 3   | 15720.0000      | 32.75          | 39.79     | -33.22      | 39.32          | 74.00          | 34.68       | Vertical |



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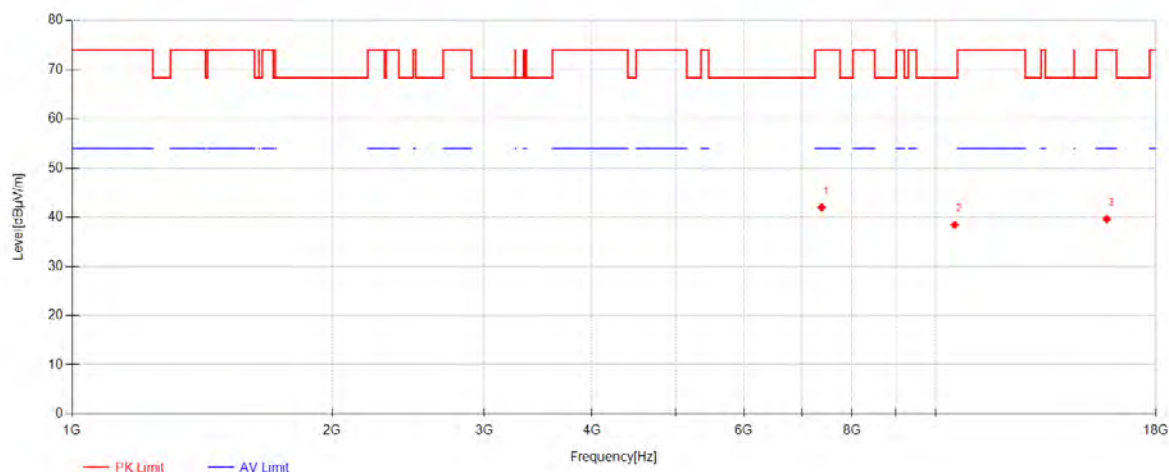
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## 802.11n20\_Channel 52



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7378.3125       | 48.63          | 36.26     | -42.91      | 41.98          | 74.00          | 32.02       | Horizontal |
| 2   | 10520.0000      | 38.57          | 38.46     | -38.61      | 38.42          | 68.30          | 29.88       | Horizontal |
| 3   | 15780.0000      | 33.07          | 39.66     | -33.10      | 39.63          | 74.00          | 34.37       | Horizontal |



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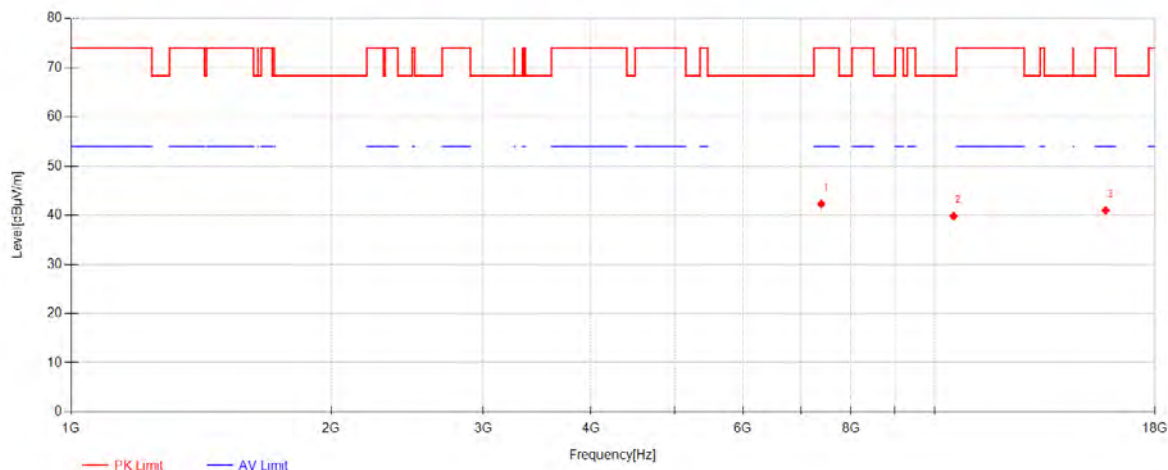
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### 802.11n20\_Channel 52



| Data List |                 |                |           |             |                |                |             |          |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1         | 7390.7708       | 48.82          | 36.29     | -42.84      | 42.27          | 74.00          | 31.73       | Vertical |
| 2         | 10520.0000      | 39.96          | 38.46     | -38.61      | 39.81          | 68.30          | 28.49       | Vertical |
| 3         | 15780.0000      | 34.40          | 39.66     | -33.10      | 40.96          | 74.00          | 33.04       | Vertical |



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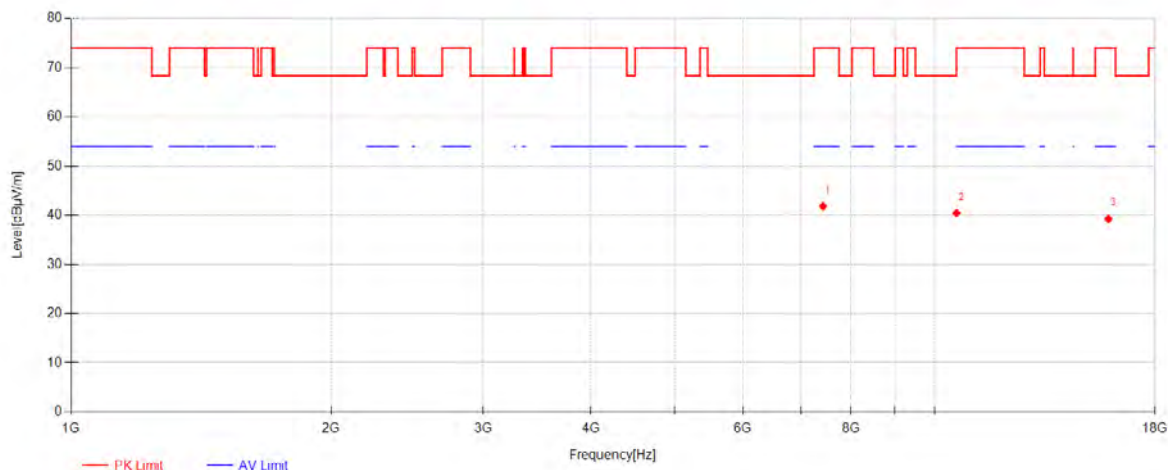
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### 802.11n20\_Channel 60



#### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7426.2292       | 48.30          | 36.39     | -42.89      | 41.80          | 74.00          | 32.20       | Horizontal |
| 2   | 10600.0000      | 39.93          | 38.50     | -38.01      | 40.42          | 74.00          | 33.58       | Horizontal |
| 3   | 15900.0000      | 33.97          | 39.41     | -34.13      | 39.25          | 74.00          | 34.75       | Horizontal |



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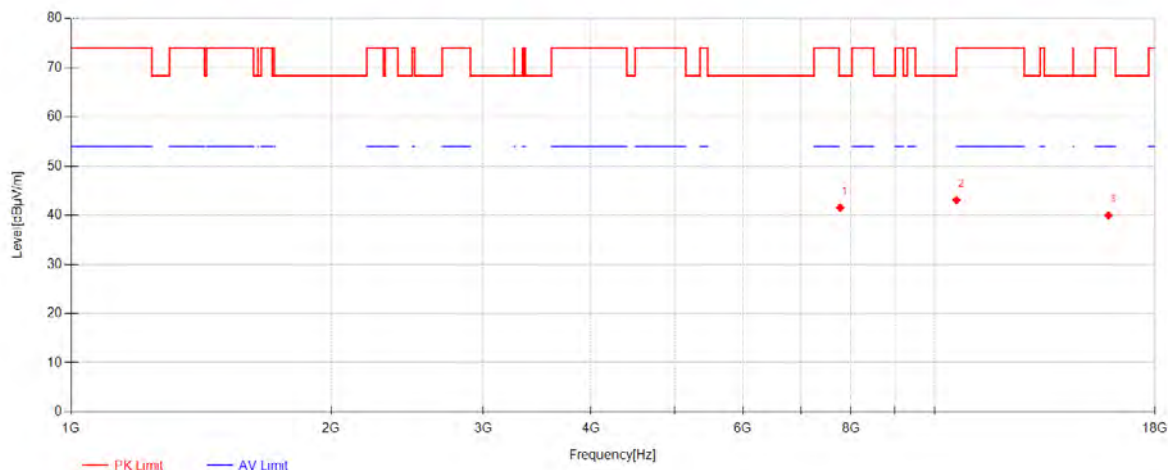
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### 802.11n20\_Channel 60



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7773.625        | 47.50          | 36.71     | -42.68      | 41.53          | 68.30          | 26.77       | Vertical |
| 2   | 10600.0000      | 42.55          | 38.50     | -38.01      | 43.04          | 74.00          | 30.96       | Vertical |
| 3   | 15900.0000      | 34.68          | 39.41     | -34.13      | 39.96          | 74.00          | 34.04       | Vertical |



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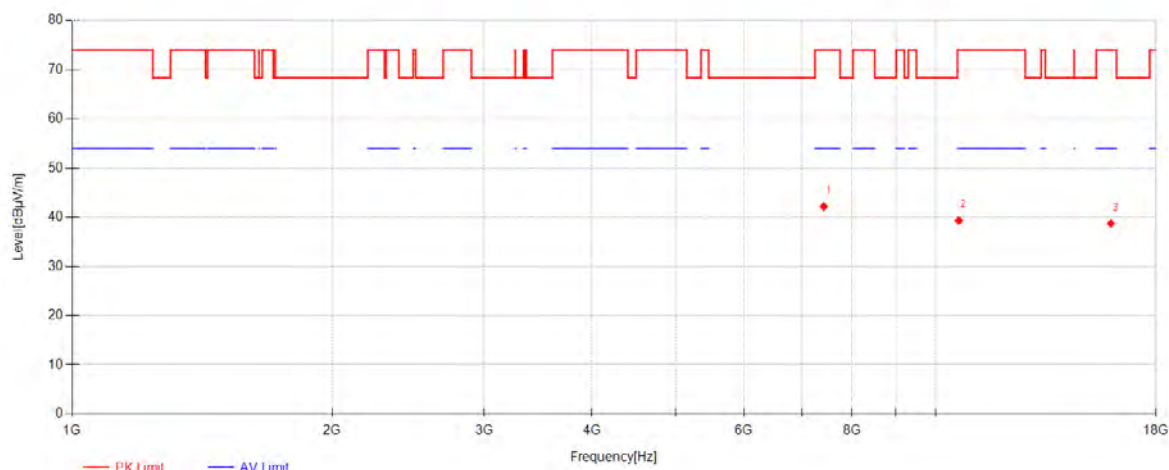
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## 802.11n20\_Channel 64



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 7421.9167       | 48.65          | 36.38     | -42.87      | 42.16          | 74.00          | 31.84       | Horizontal |
| 2         | 10640.0000      | 38.60          | 38.52     | -37.80      | 39.32          | 74.00          | 34.68       | Horizontal |
| 3         | 15960.0000      | 34.06          | 39.28     | -34.63      | 38.71          | 74.00          | 35.29       | Horizontal |



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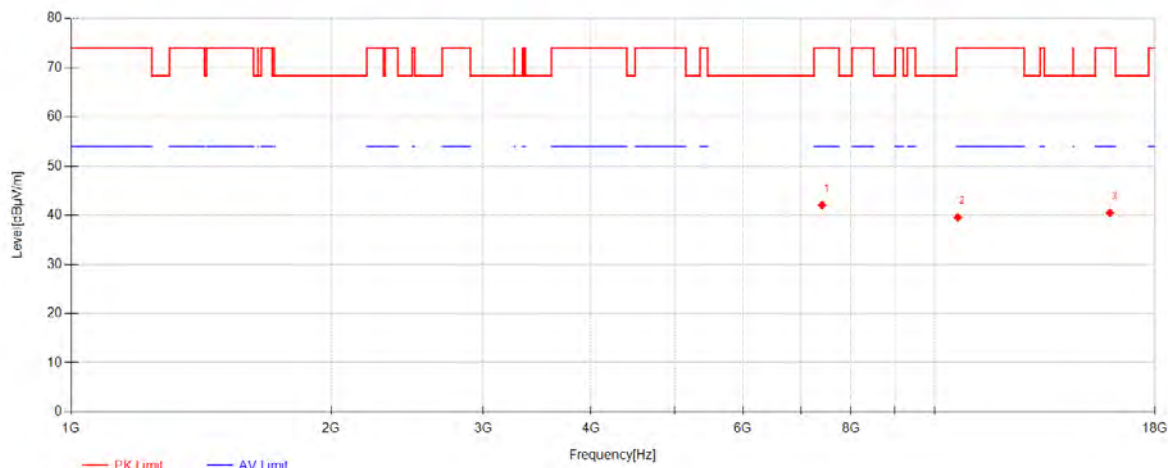
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### 802.11n20\_Channel 64



### Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7406.5833       | 48.52          | 36.34     | -42.82      | 42.04          | 74.00          | 31.96       | Vertical |
| 2   | 10640.0000      | 38.87          | 38.52     | -37.80      | 39.59          | 74.00          | 34.41       | Vertical |
| 3   | 15960.0000      | 35.83          | 39.28     | -34.63      | 40.48          | 74.00          | 33.52       | Vertical |



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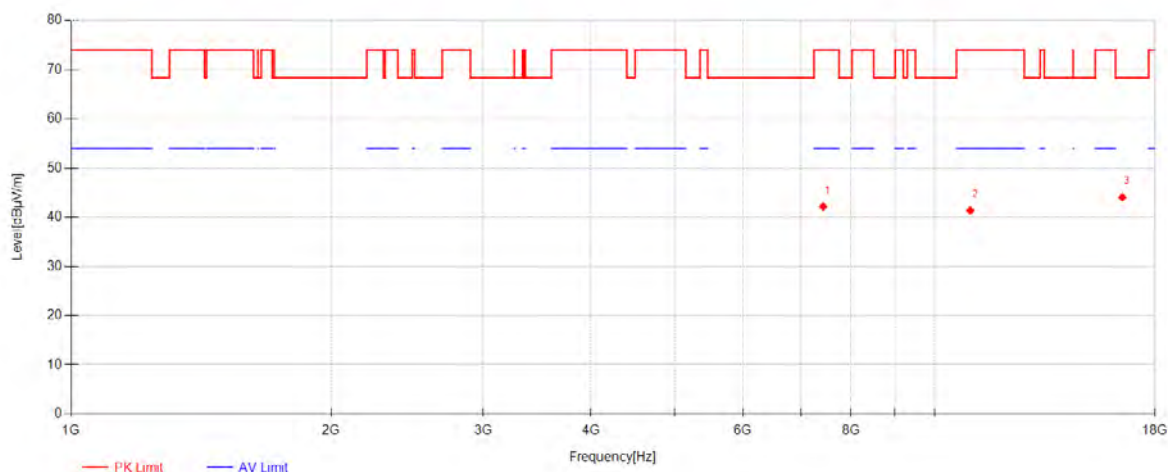
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## 802.11n20\_Channel 100



| Data List |                 |                |           |             |                |                |             |            |
|-----------|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| NO.       | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
| 1         | 7430.5417       | 48.64          | 36.41     | -42.91      | 42.14          | 74.00          | 31.86       | Horizontal |
| 2         | 11000.0000      | 40.23          | 38.70     | -37.59      | 41.34          | 74.00          | 32.66       | Horizontal |
| 3         | 16500.0000      | 37.58          | 40.75     | -34.28      | 44.05          | 68.30          | 24.25       | Horizontal |



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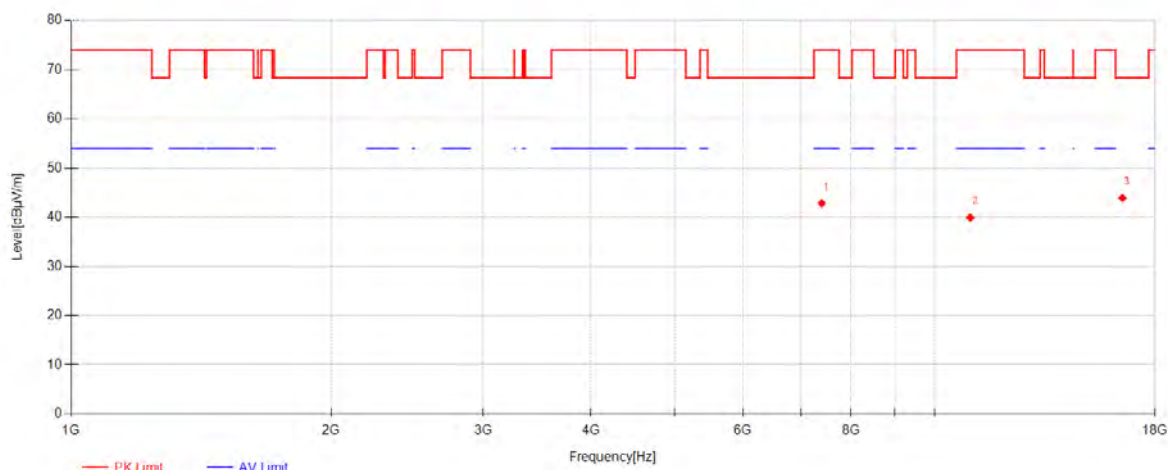
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## 802.11n20\_Channel 100



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7400.8333       | 49.26          | 36.32     | -42.79      | 42.79          | 74.00          | 31.21       | Vertical |
| 2   | 11000.0000      | 38.82          | 38.70     | -37.59      | 39.93          | 74.00          | 34.07       | Vertical |
| 3   | 16500.0000      | 37.44          | 40.75     | -34.28      | 43.91          | 68.30          | 24.39       | Vertical |



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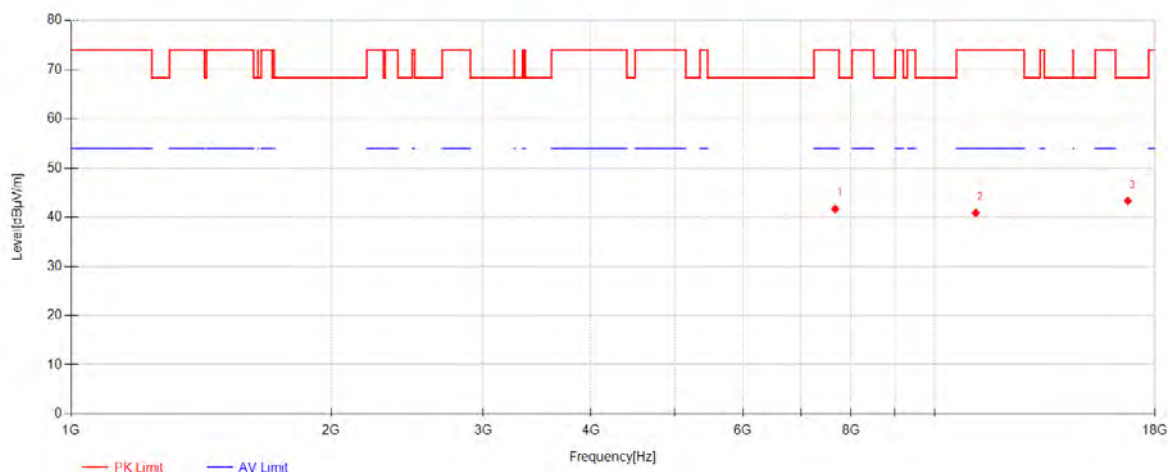
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## 802.11n20\_Channel 116



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7670.6042       | 47.87          | 36.67     | -42.89      | 41.65          | 74.00          | 32.35       | Horizontal |
| 2   | 11160.0000      | 39.19          | 38.72     | -37.06      | 40.85          | 74.00          | 33.15       | Horizontal |
| 3   | 16740.0000      | 36.58          | 41.49     | -34.77      | 43.31          | 68.30          | 24.99       | Horizontal |



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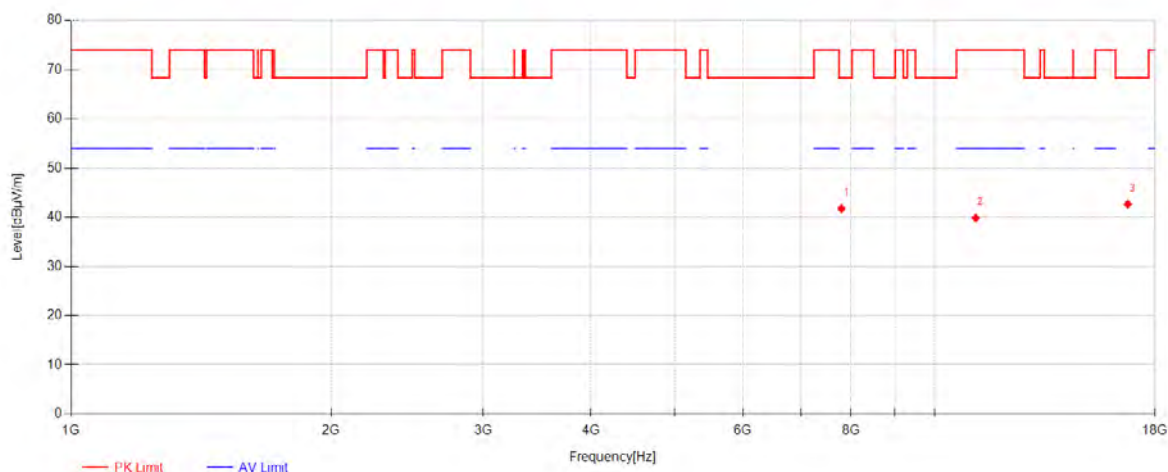
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## 802.11n20\_Channel 116



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7799.5          | 47.59          | 36.72     | -42.58      | 41.73          | 68.30          | 26.57       | Vertical |
| 2   | 11160.0000      | 38.18          | 38.72     | -37.06      | 39.84          | 74.00          | 34.16       | Vertical |
| 3   | 16740.0000      | 35.89          | 41.49     | -34.77      | 42.62          | 68.30          | 25.68       | Vertical |



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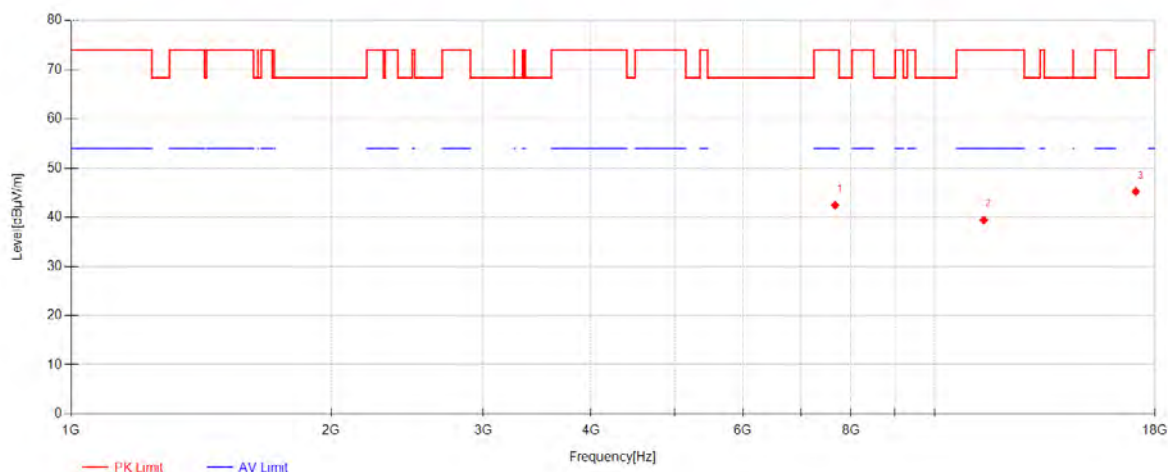
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## 802.11n20\_Channel 140



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity   |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|------------|
| 1   | 7670.125        | 48.62          | 36.67     | -42.89      | 42.40          | 74.00          | 31.60       | Horizontal |
| 2   | 11400.0000      | 38.20          | 38.74     | -37.51      | 39.43          | 74.00          | 34.57       | Horizontal |
| 3   | 17100.0000      | 36.19          | 42.75     | -33.74      | 45.20          | 68.30          | 23.10       | Horizontal |



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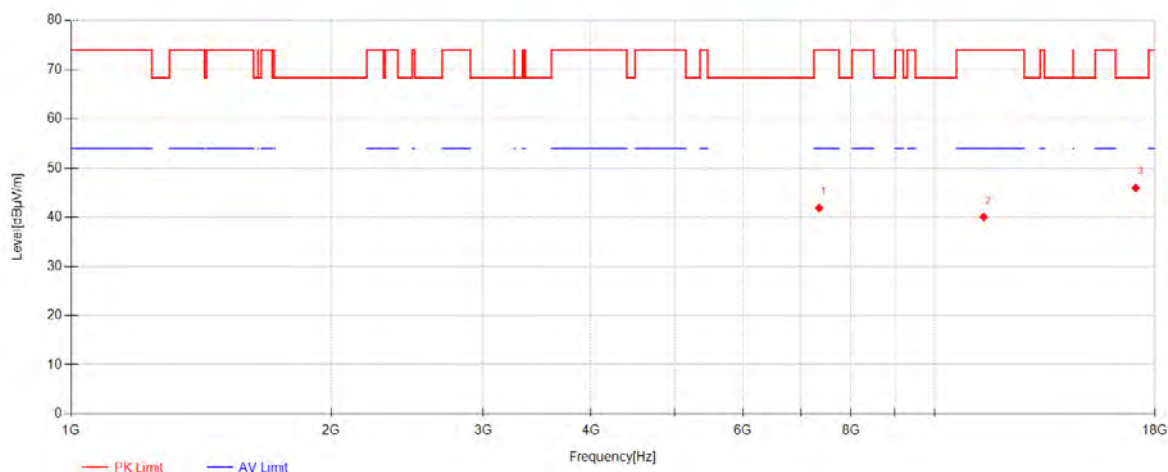
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## 802.11n20\_Channel 140



## Data List

| NO. | Frequency [MHz] | Reading [dBμV] | AF [dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
|-----|-----------------|----------------|-----------|-------------|----------------|----------------|-------------|----------|
| 1   | 7349.5625       | 48.72          | 36.18     | -43.06      | 41.84          | 74.00          | 32.16       | Vertical |
| 2   | 11400.0000      | 38.84          | 38.74     | -37.51      | 40.07          | 74.00          | 33.93       | Vertical |
| 3   | 17100.0000      | 36.94          | 42.75     | -33.74      | 45.95          | 68.30          | 22.35       | Vertical |



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