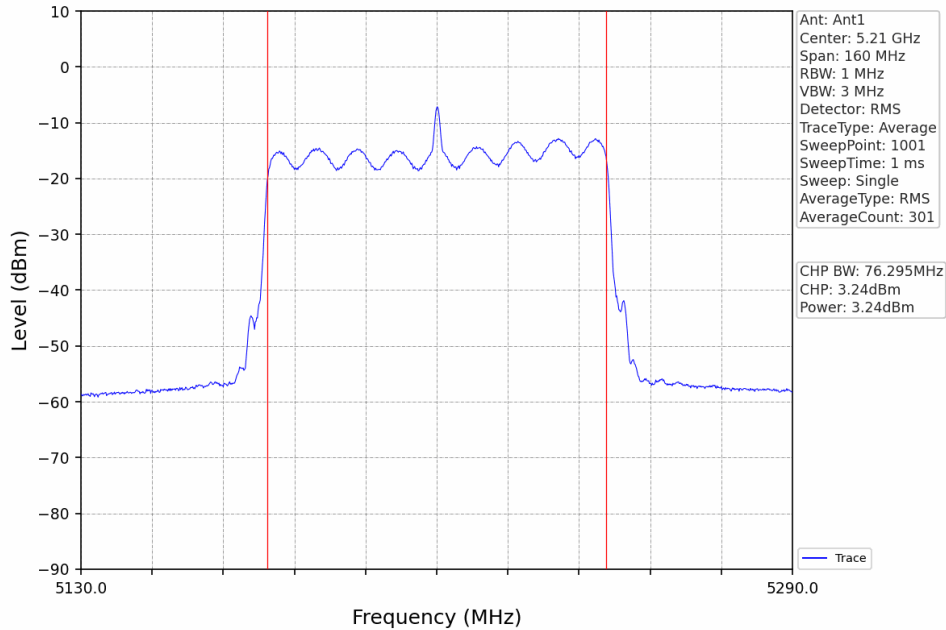
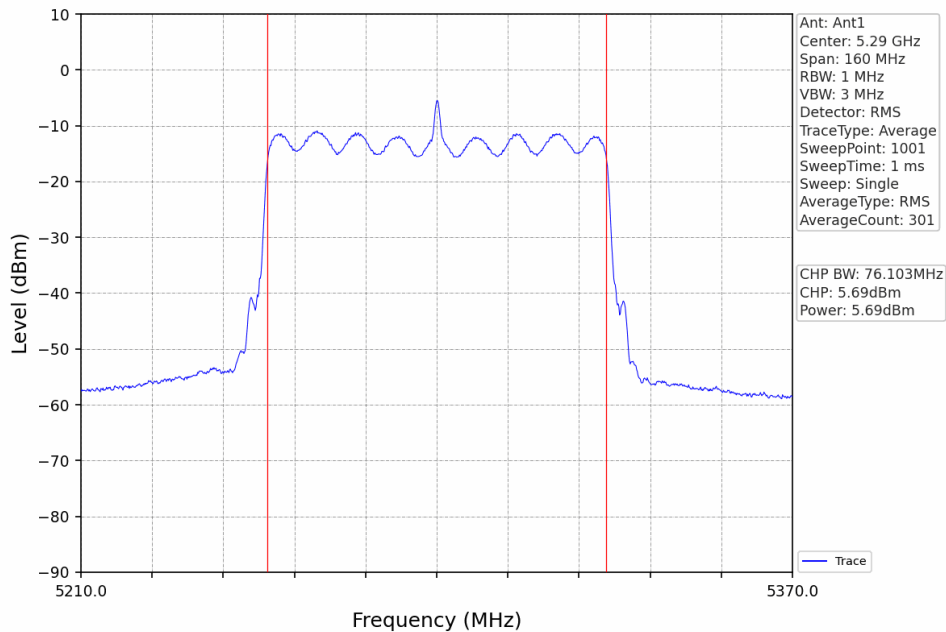


802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



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

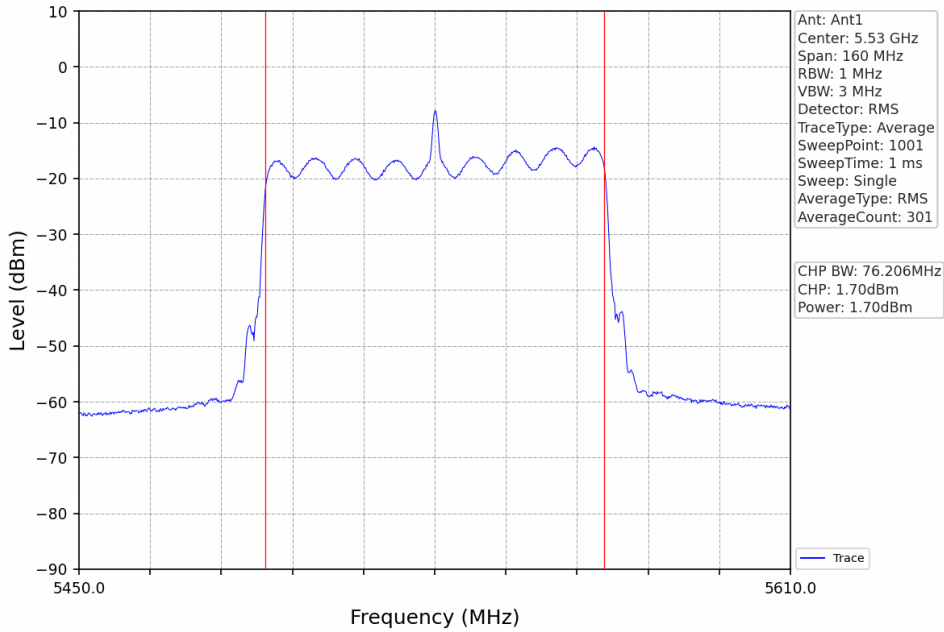


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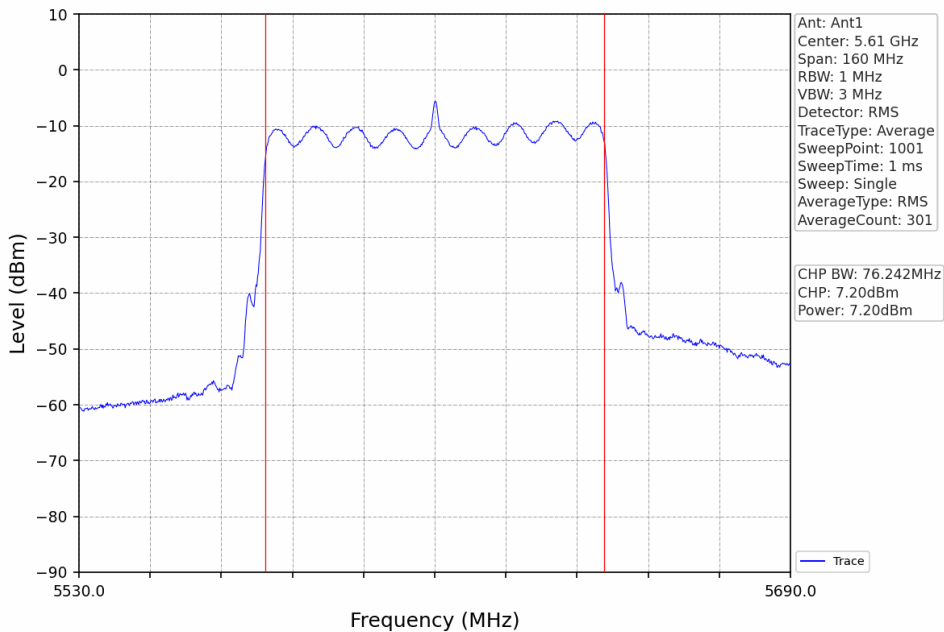
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802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

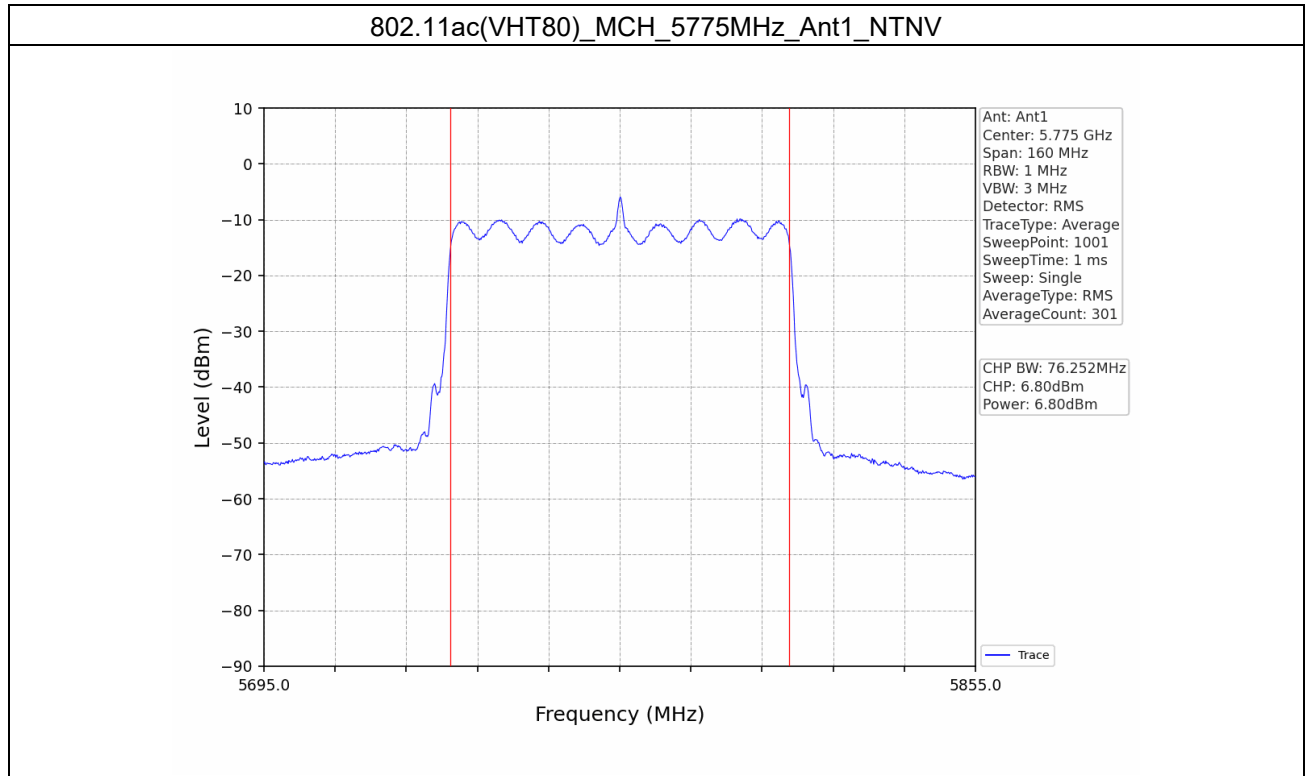


802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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



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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) |       | Verdict |
|------------------|---------|-----------------|-----------------------|-------|---------|
|                  |         |                 | Ant1                  | Limit |         |
| 802.11a          | SISO    | 5180            | -3.75                 | <=11  | Pass    |
|                  |         | 5200            | -3.19                 | <=11  | Pass    |
|                  |         | 5240            | -2.31                 | <=11  | Pass    |
|                  |         | 5260            | -2.36                 | <=11  | Pass    |
|                  |         | 5300            | -2.32                 | <=11  | Pass    |
|                  |         | 5320            | -2.79                 | <=11  | Pass    |
|                  |         | 5500            | -6.23                 | <=11  | Pass    |
|                  |         | 5580            | -3.61                 | <=11  | Pass    |
|                  |         | 5700            | -2.95                 | <=11  | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | -4.75                 | <=11  | Pass    |
|                  |         | 5200            | -3.34                 | <=11  | Pass    |
|                  |         | 5240            | -3.21                 | <=11  | Pass    |
|                  |         | 5260            | -10.46                | <=11  | Pass    |
|                  |         | 5300            | -1.62                 | <=11  | Pass    |
|                  |         | 5320            | -2.62                 | <=11  | Pass    |
|                  |         | 5500            | -6.14                 | <=11  | Pass    |
|                  |         | 5580            | -2.54                 | <=11  | Pass    |
|                  |         | 5700            | -3.10                 | <=11  | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | -6.93                 | <=11  | Pass    |
|                  |         | 5230            | -5.23                 | <=11  | Pass    |
|                  |         | 5270            | -5.24                 | <=11  | Pass    |
|                  |         | 5310            | -5.13                 | <=11  | Pass    |
|                  |         | 5510            | -8.09                 | <=11  | Pass    |
|                  |         | 5550            | -6.09                 | <=11  | Pass    |
|                  |         | 5670            | -4.45                 | <=11  | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | -4.79                 | <=11  | Pass    |
|                  |         | 5200            | -3.63                 | <=11  | Pass    |
|                  |         | 5240            | -3.40                 | <=11  | Pass    |
|                  |         | 5260            | -10.47                | <=11  | Pass    |
|                  |         | 5300            | -1.87                 | <=11  | Pass    |
|                  |         | 5320            | -2.84                 | <=11  | Pass    |
|                  |         | 5500            | -6.25                 | <=11  | Pass    |
|                  |         | 5580            | -2.81                 | <=11  | Pass    |



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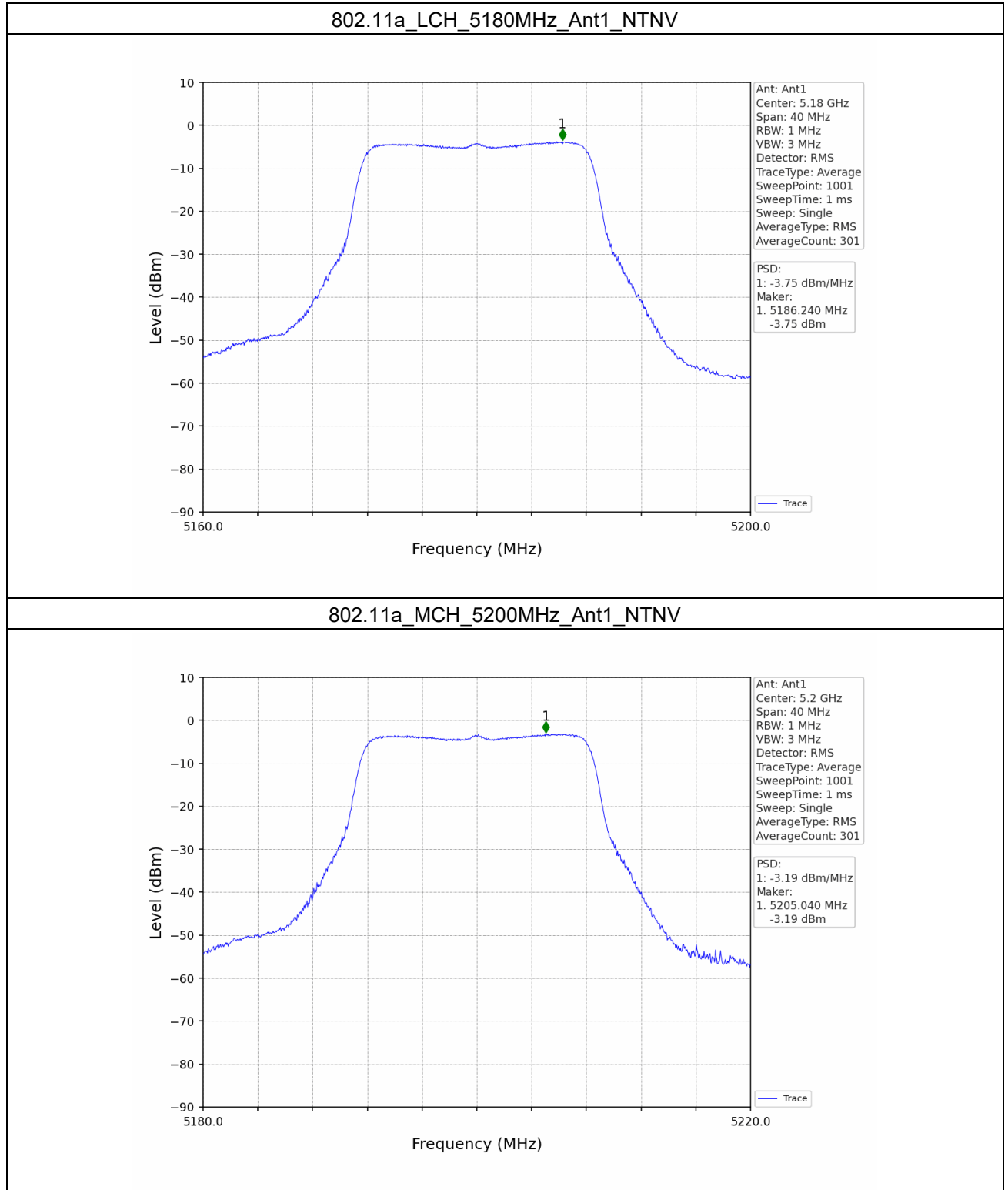
|                                     |       |                     |       |      |       |
|-------------------------------------|-------|---------------------|-------|------|-------|
|                                     |       | 5700                | -3.36 | <=11 | Pass  |
| 802.11ac<br>(VHT40)                 | SISO  | 5190                | -7.09 | <=11 | Pass  |
|                                     |       | 5230                | -5.44 | <=11 | Pass  |
|                                     |       | 5270                | -5.28 | <=11 | Pass  |
|                                     |       | 5310                | -5.37 | <=11 | Pass  |
|                                     |       | 5510                | -8.58 | <=11 | Pass  |
|                                     |       | 5550                | -6.30 | <=11 | Pass  |
|                                     |       | 5670                | -4.57 | <=11 | Pass  |
|                                     |       | 802.11ac<br>(VHT80) | SISO  | 5210 | -7.18 |
| 5290                                | -5.48 |                     |       | <=11 | Pass  |
| 5530                                | -7.77 |                     |       | <=11 | Pass  |
| 5610                                | -5.59 |                     |       | <=11 | Pass  |
| Note1: Antenna Gain: Ant1: 2.00dBi; |       |                     |       |      |       |



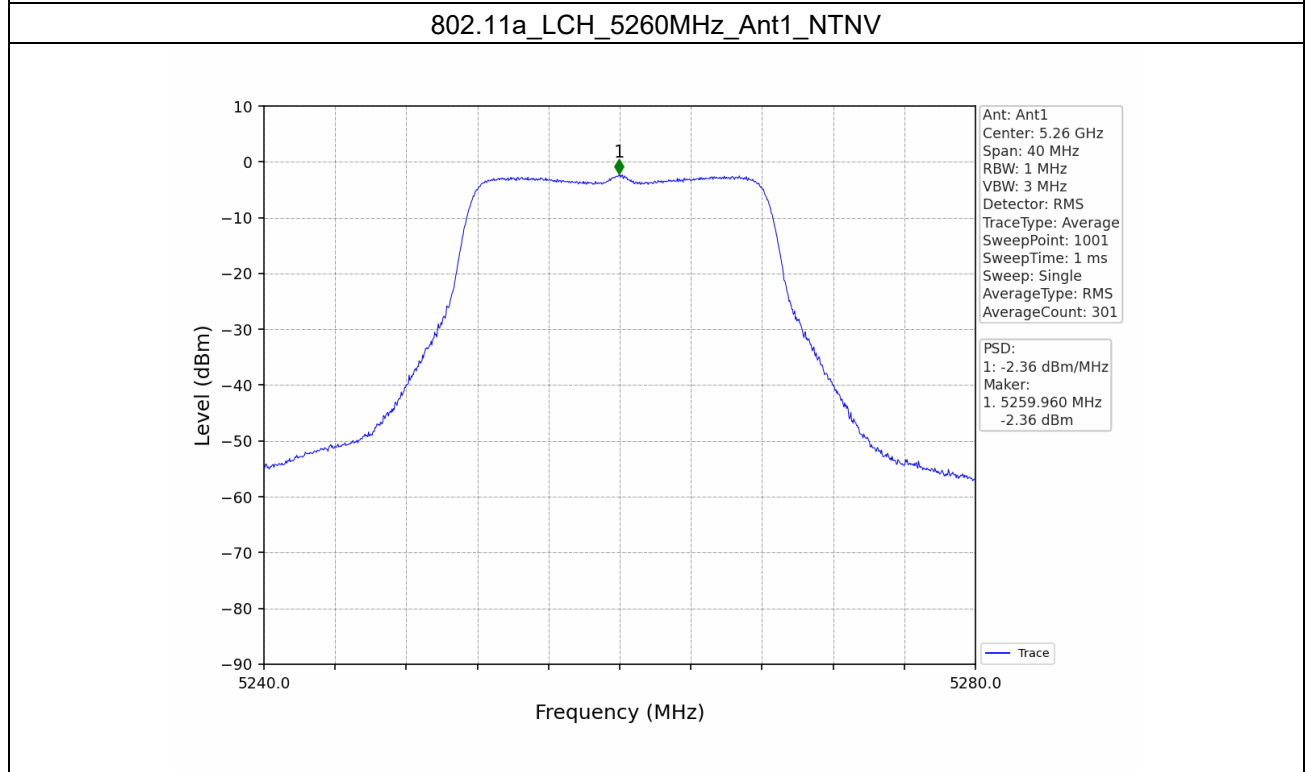
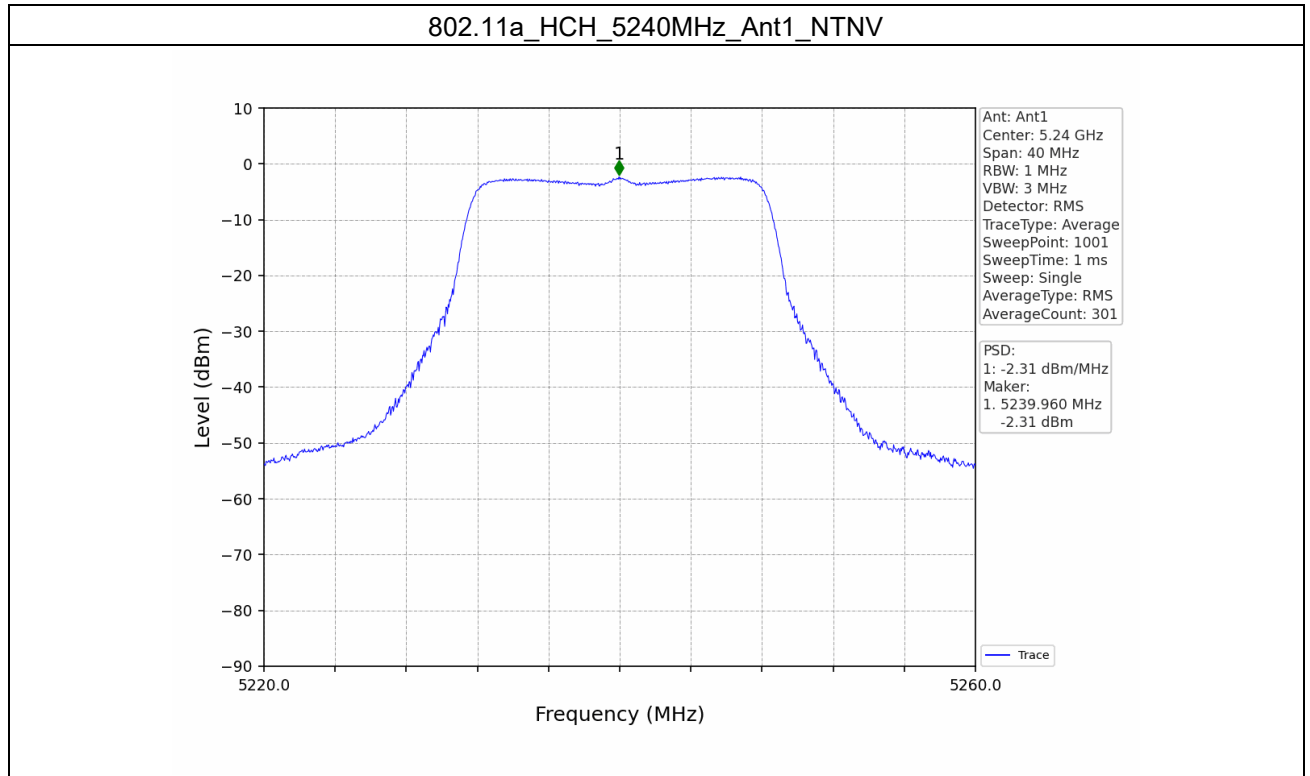
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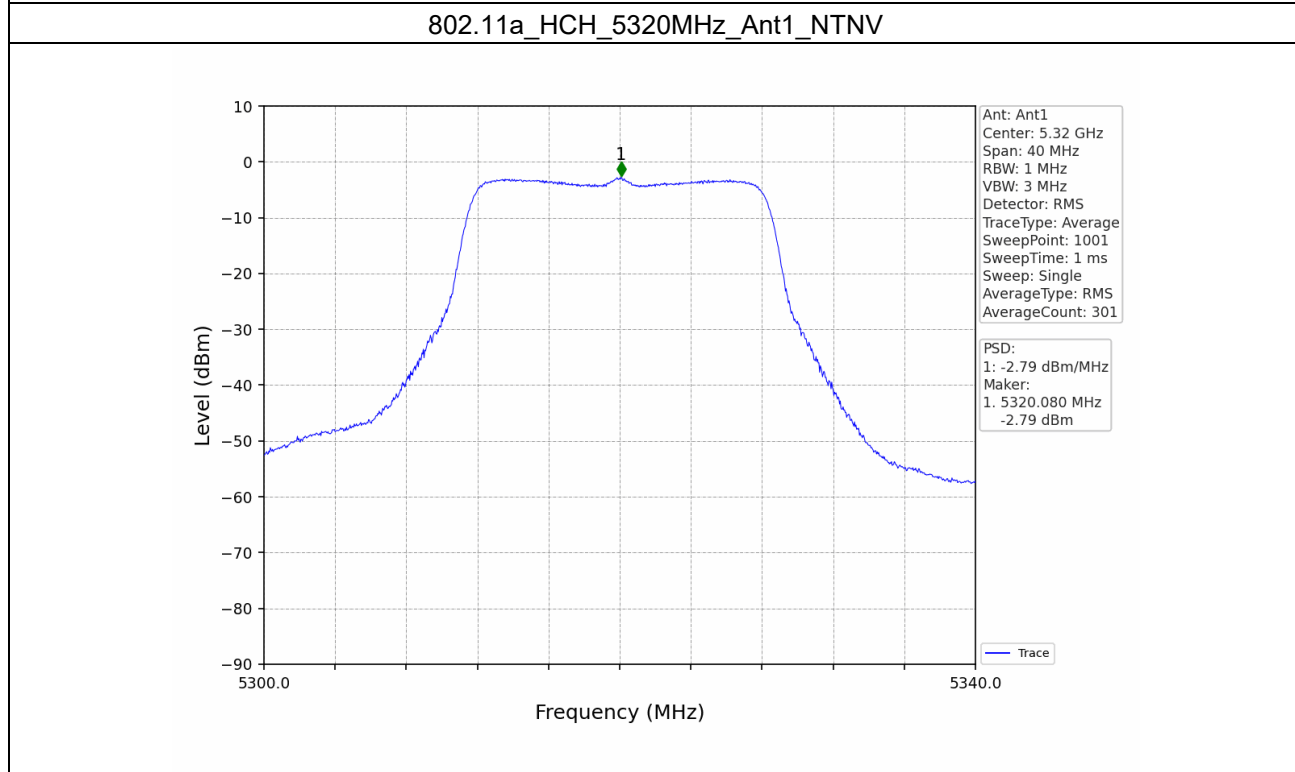
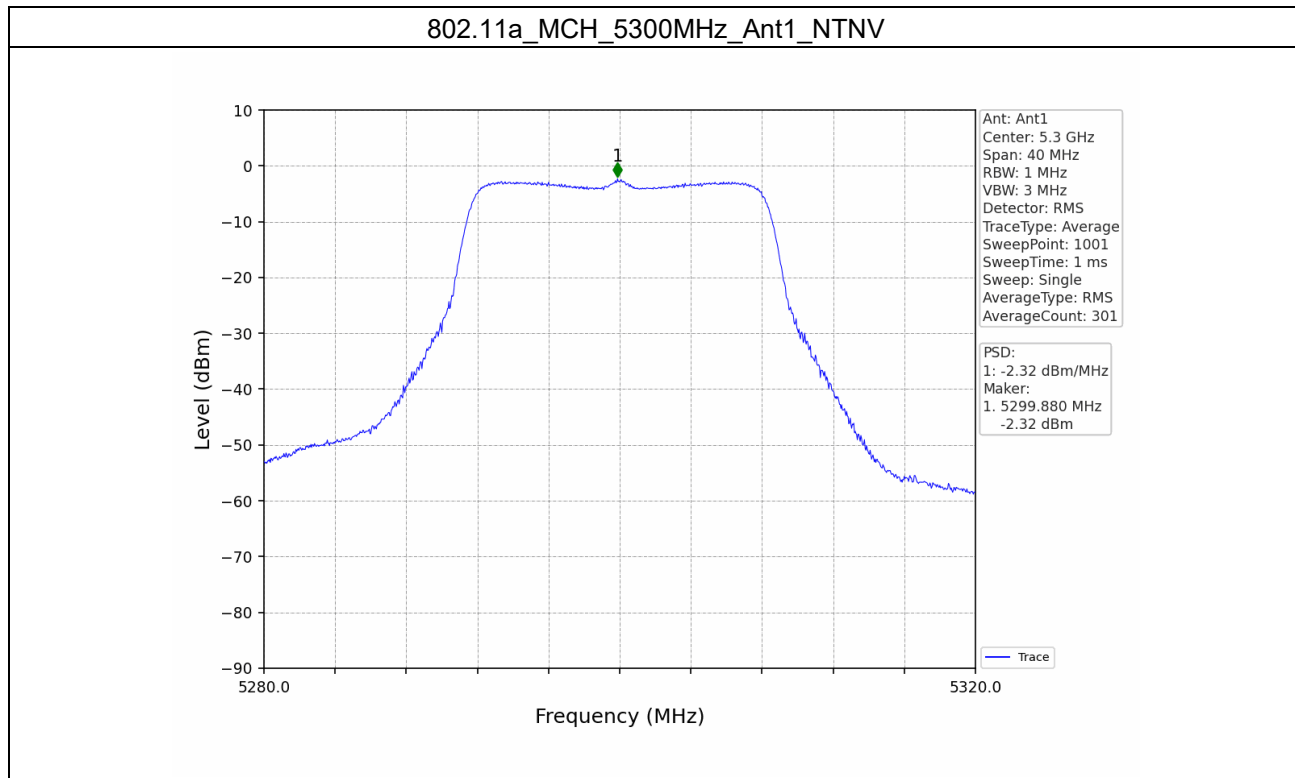
### 4.1.2 Test Graph



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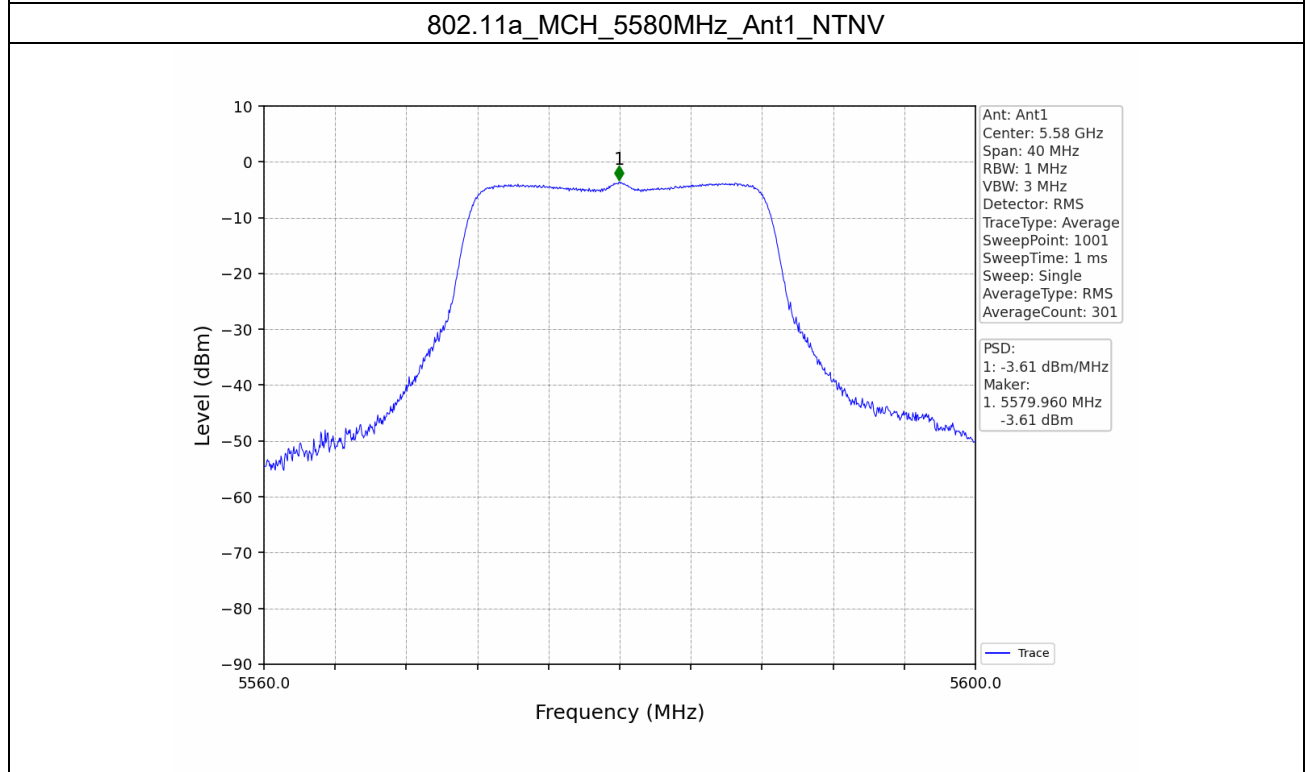
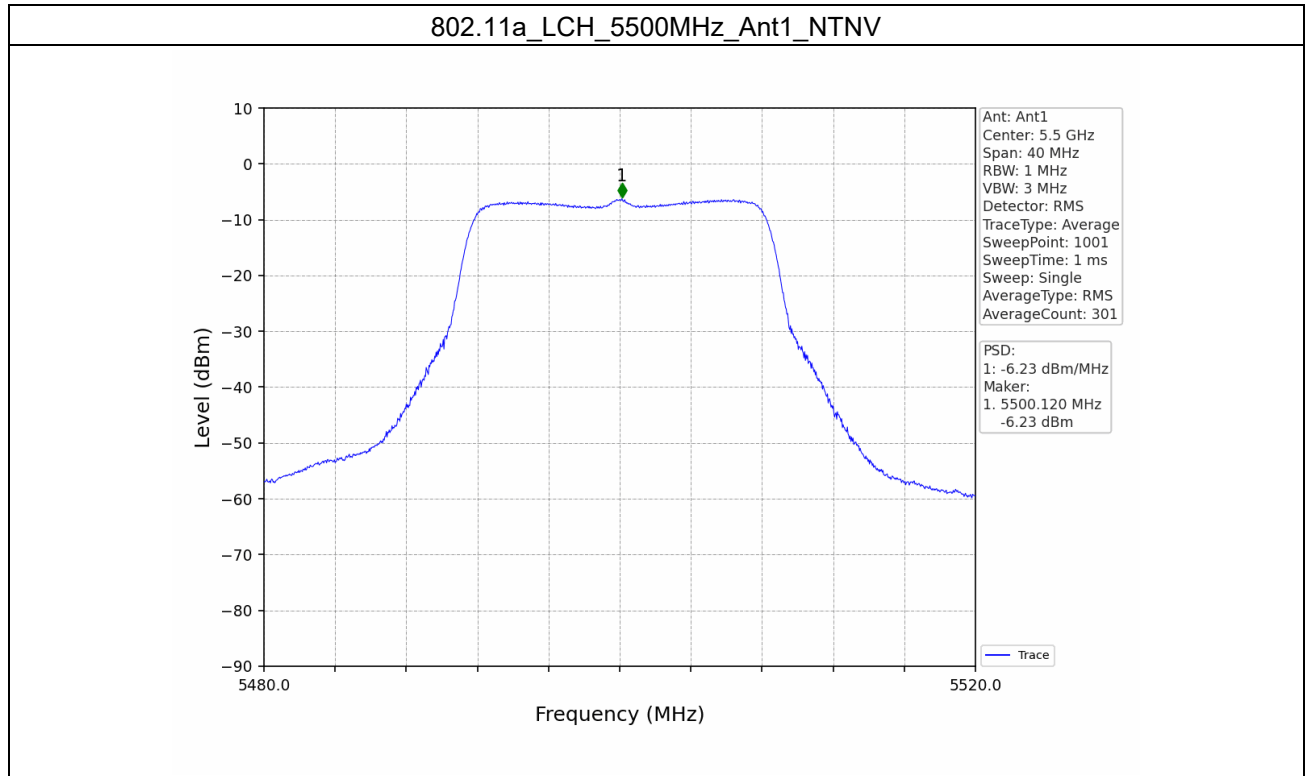


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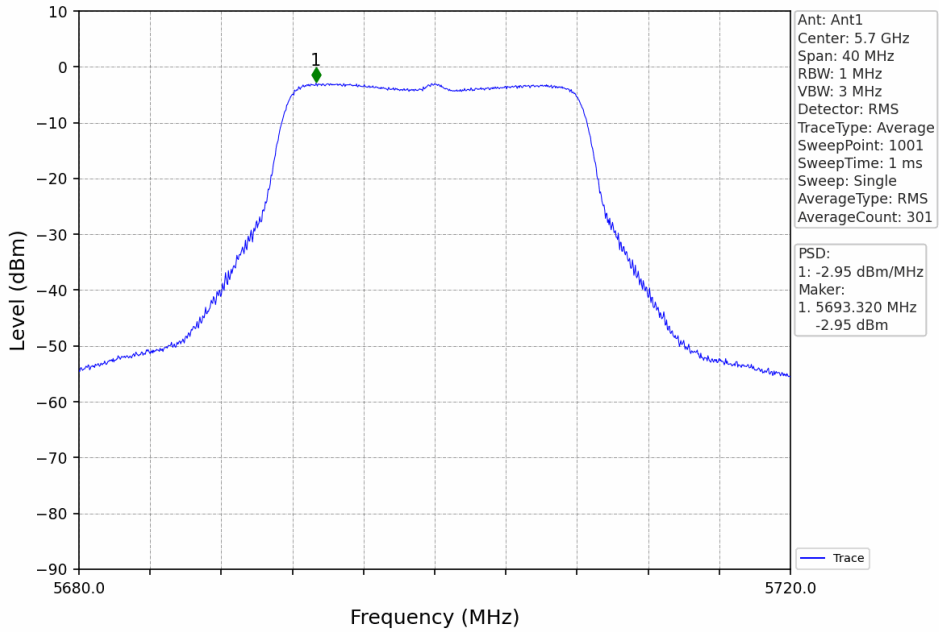


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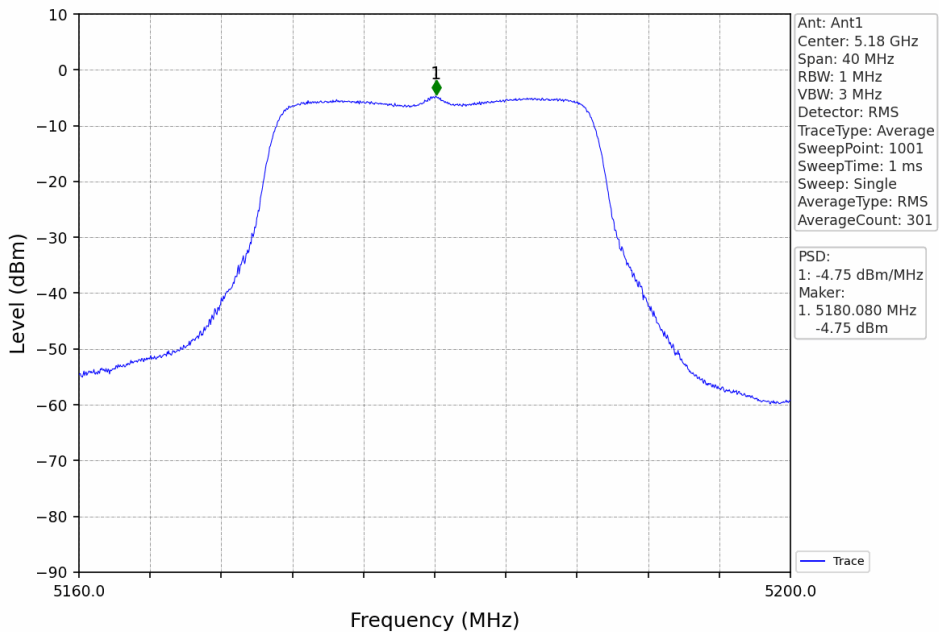
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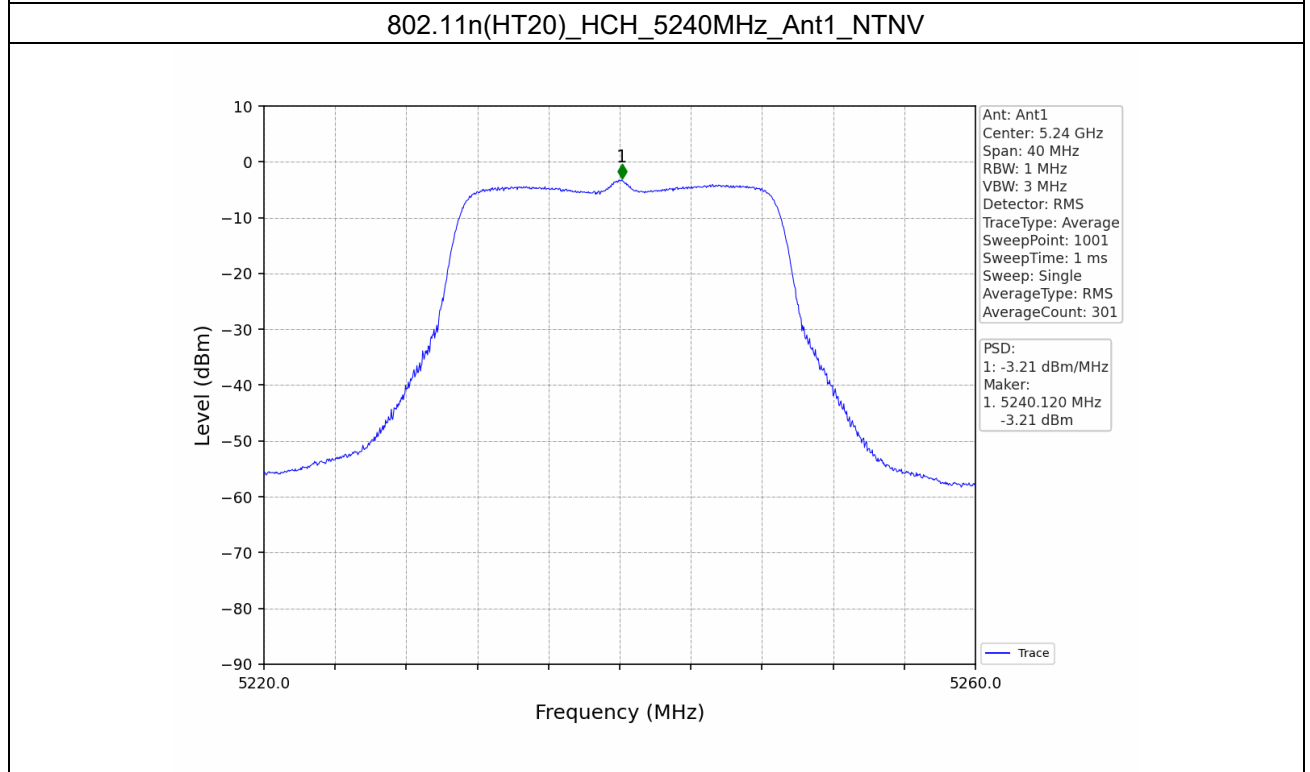
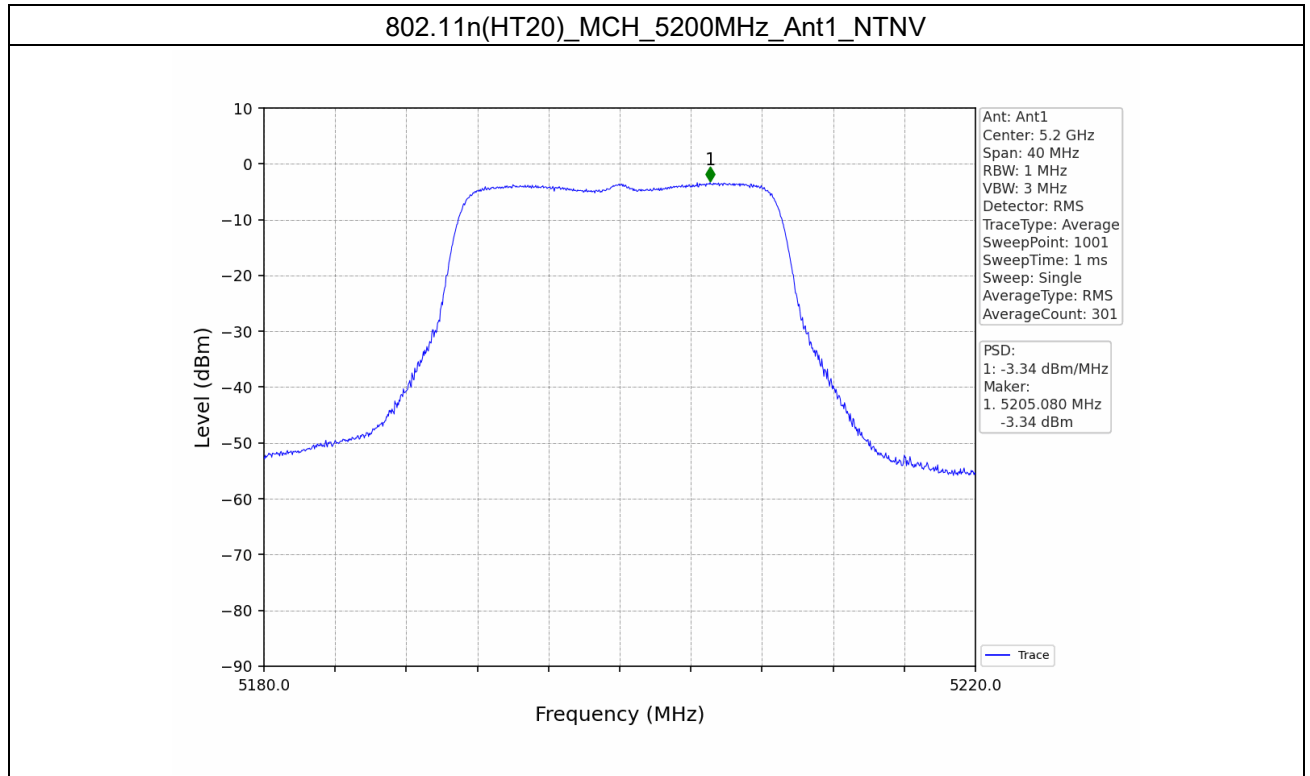
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



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

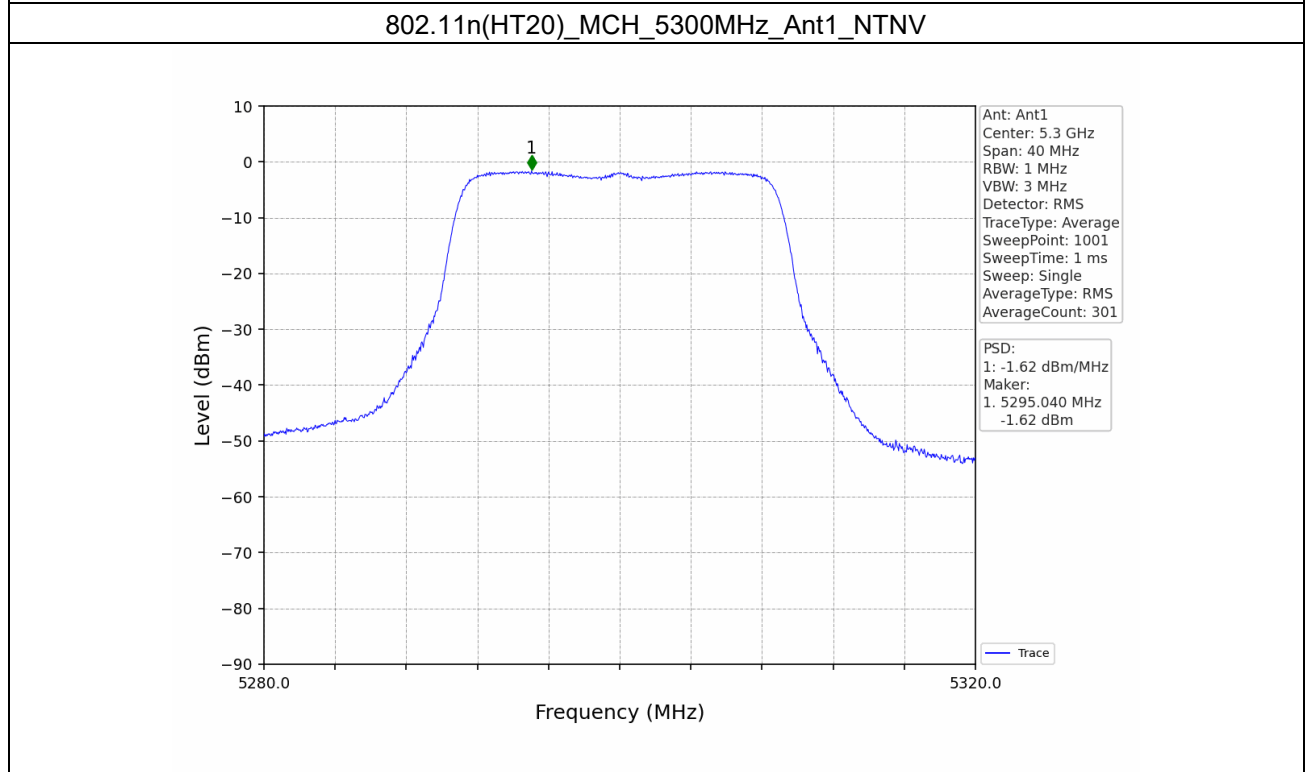
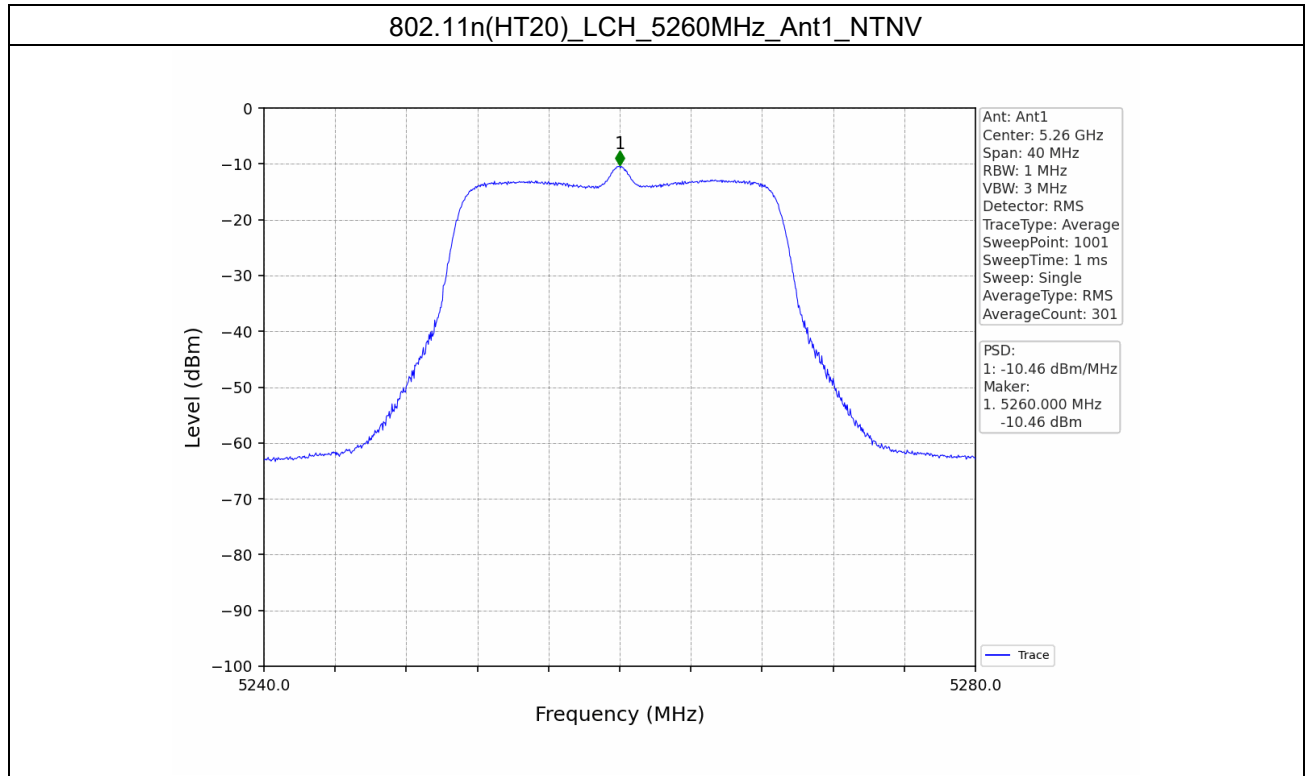


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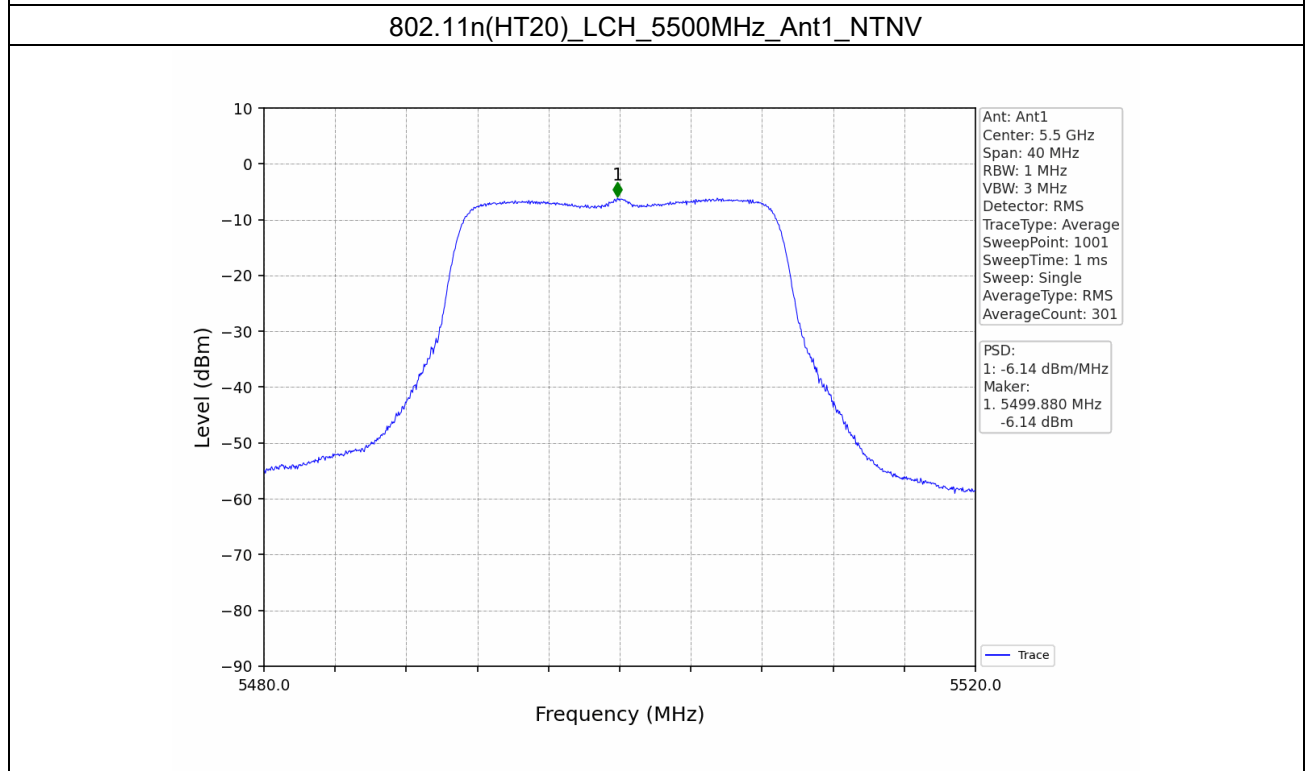
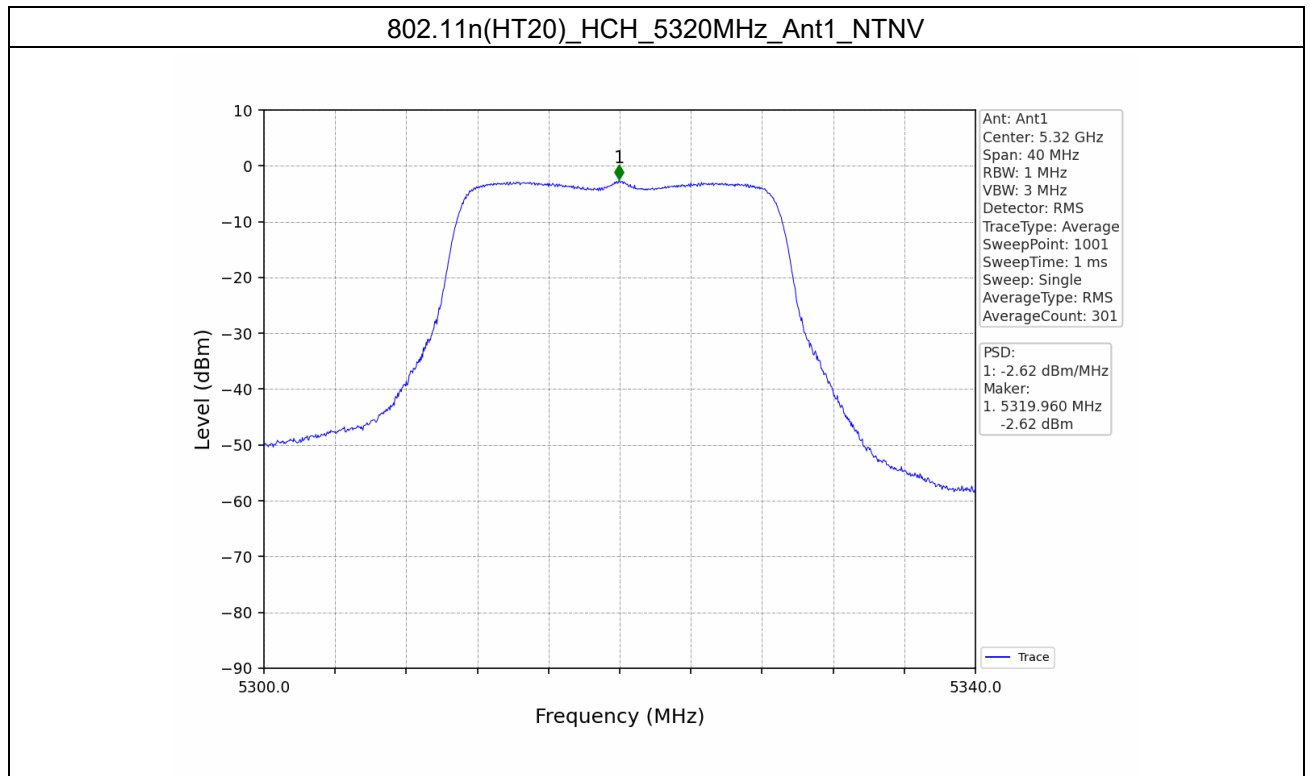


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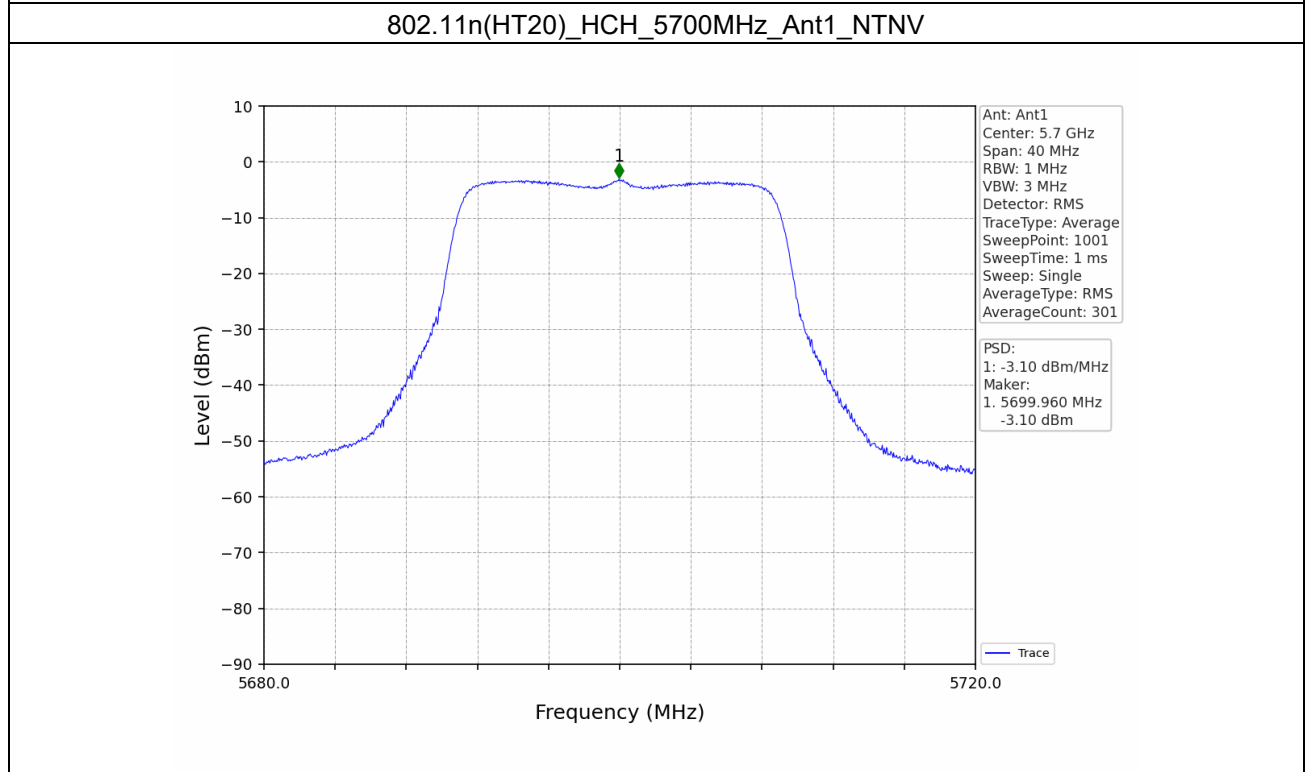
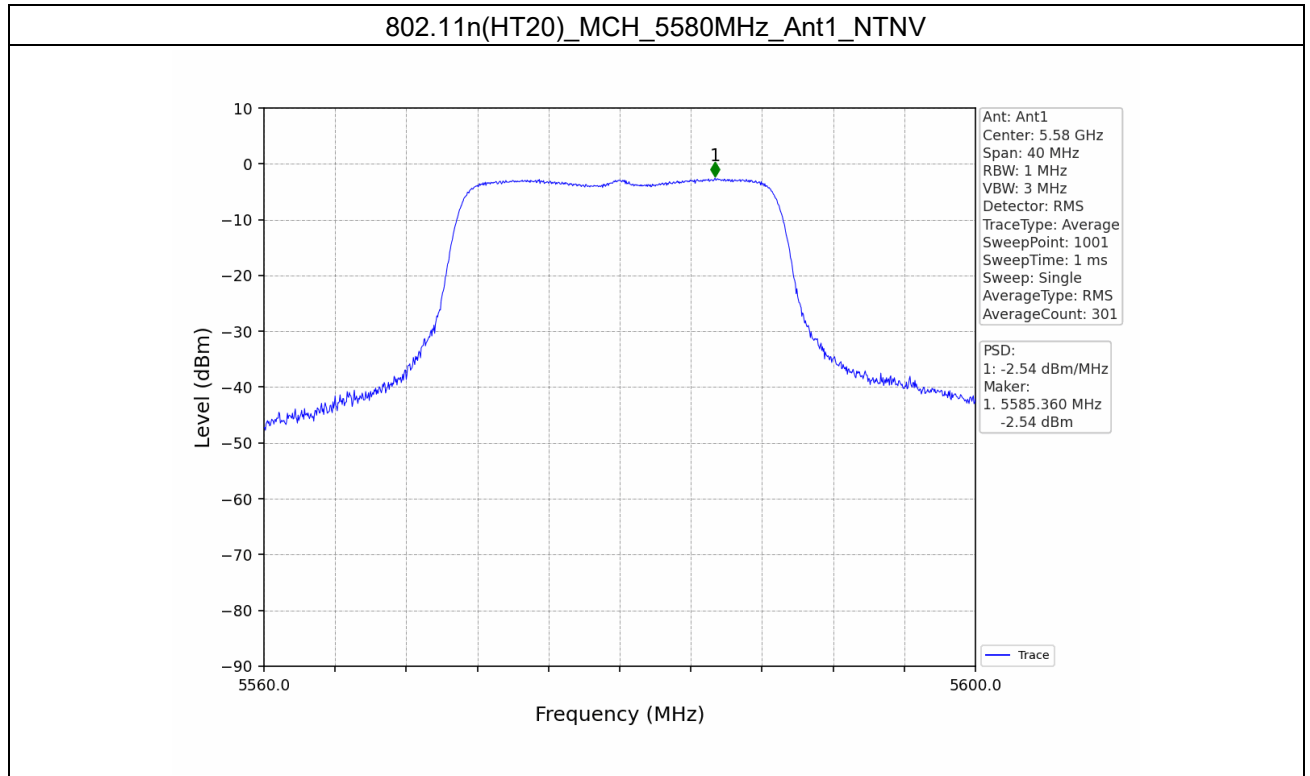
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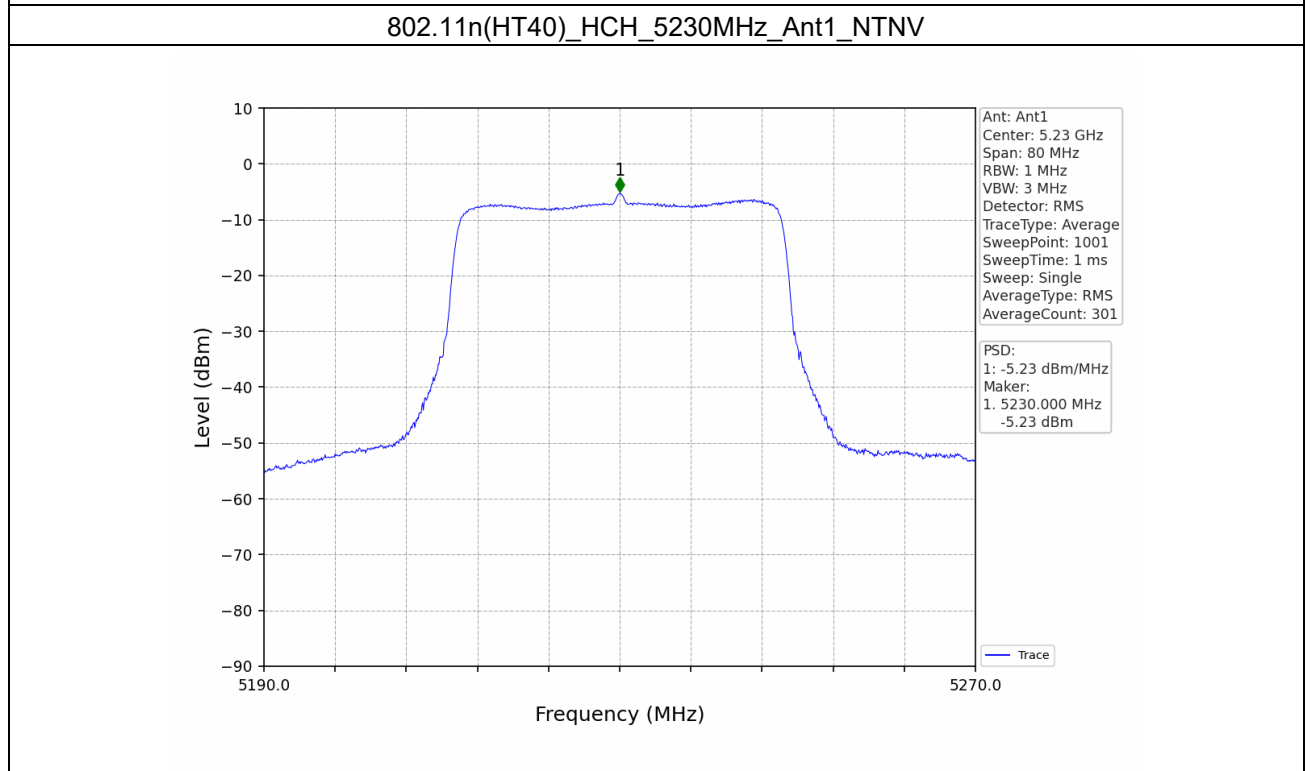
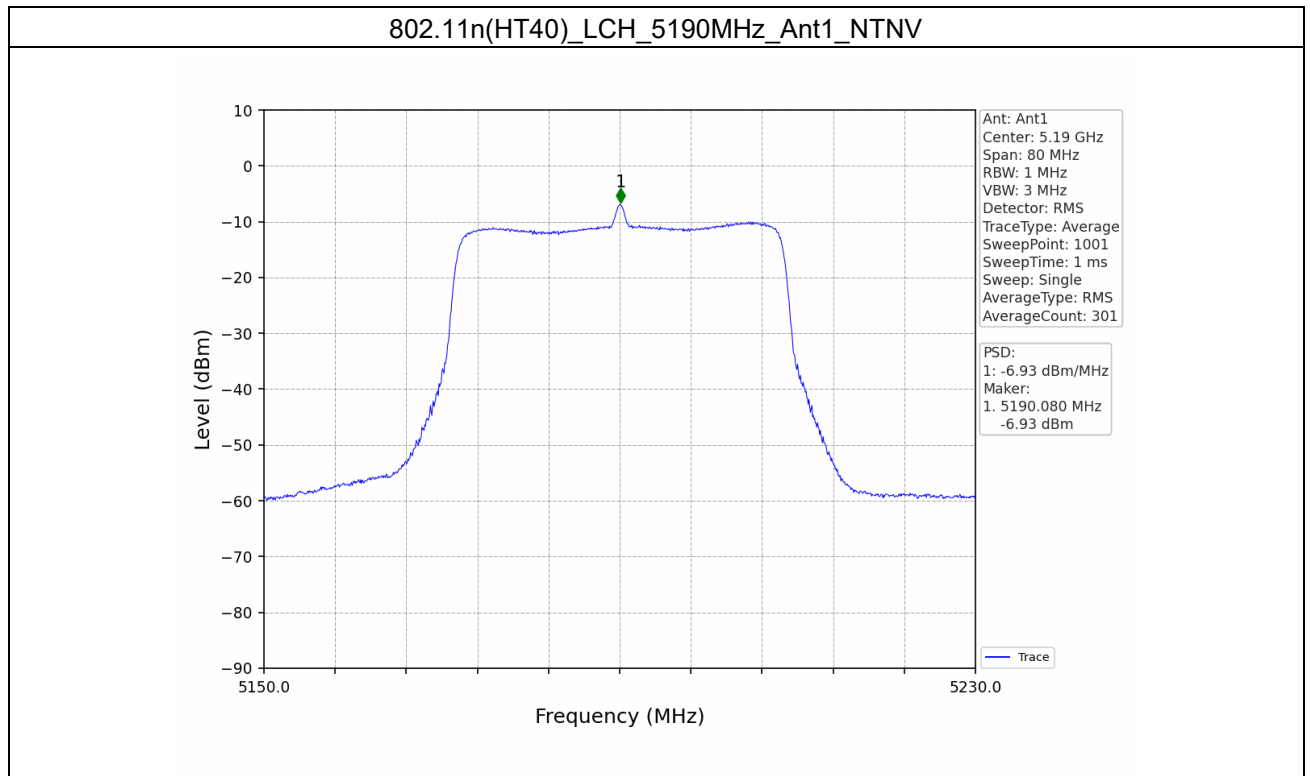
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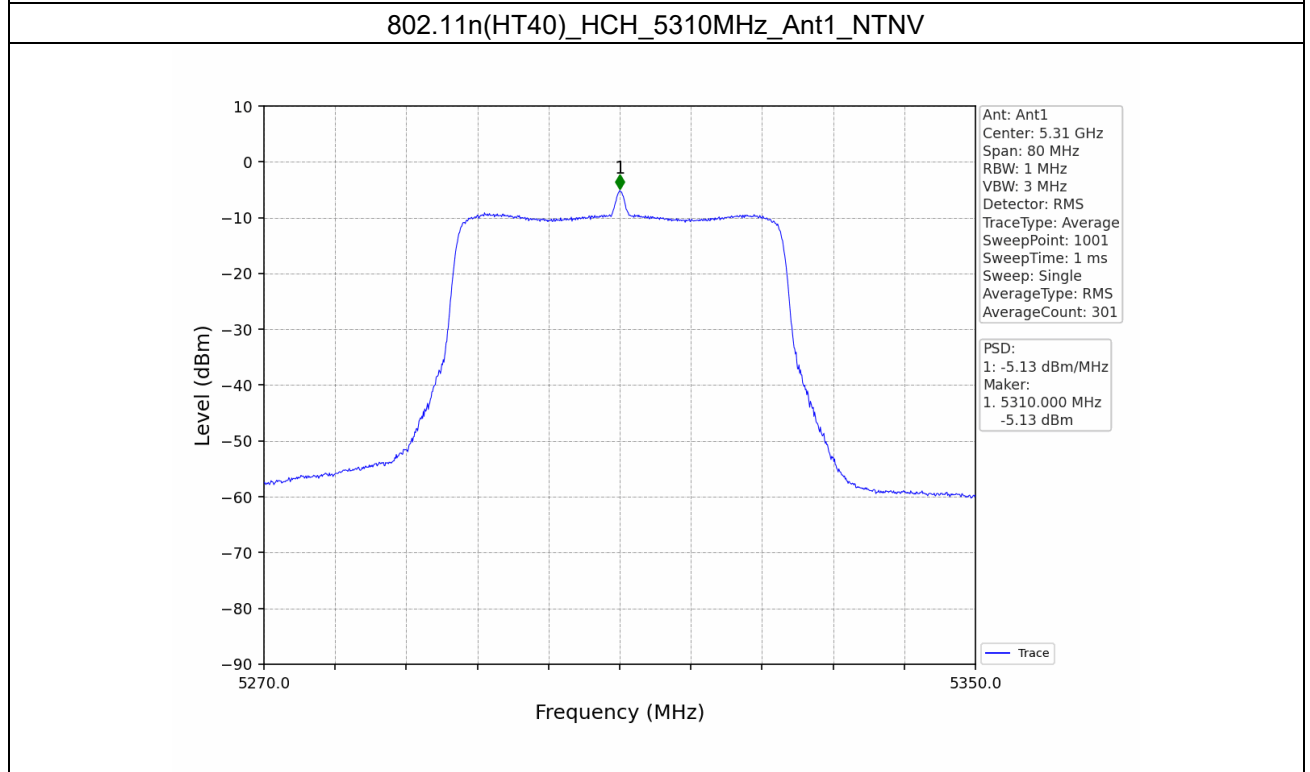
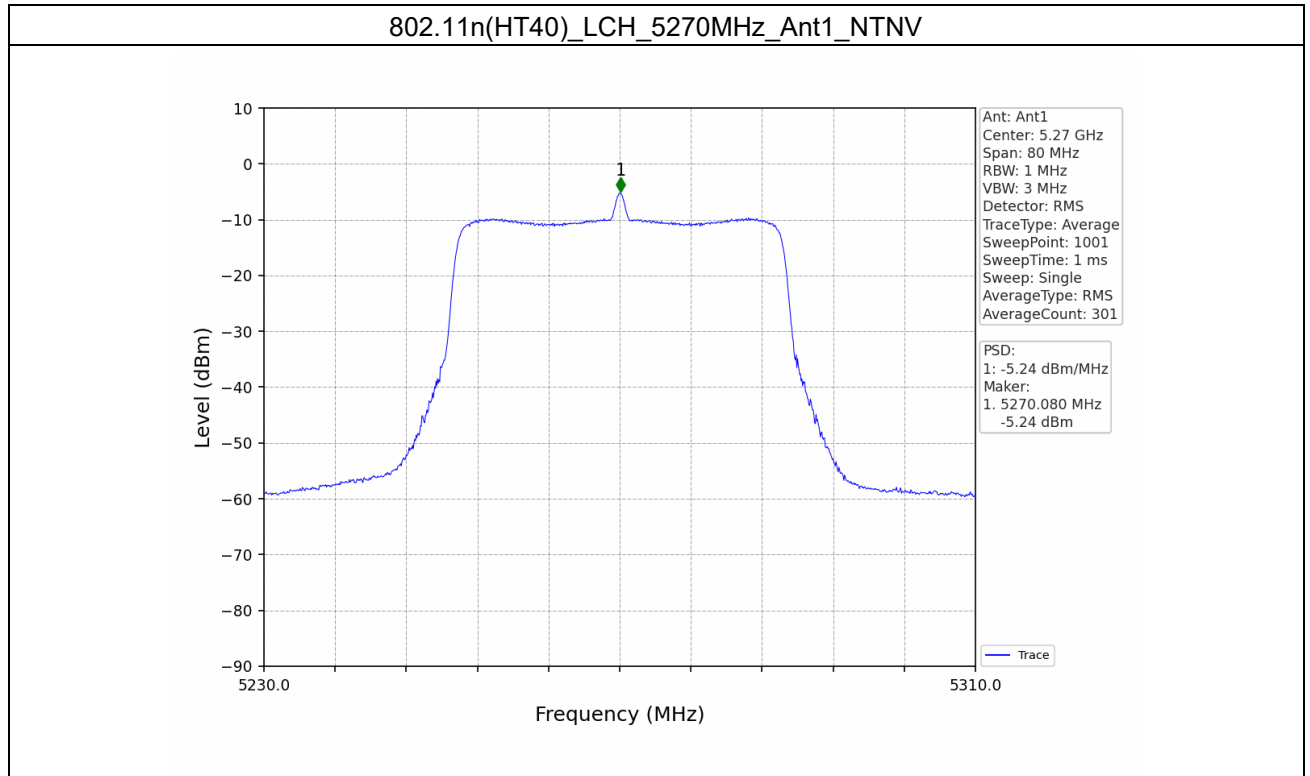
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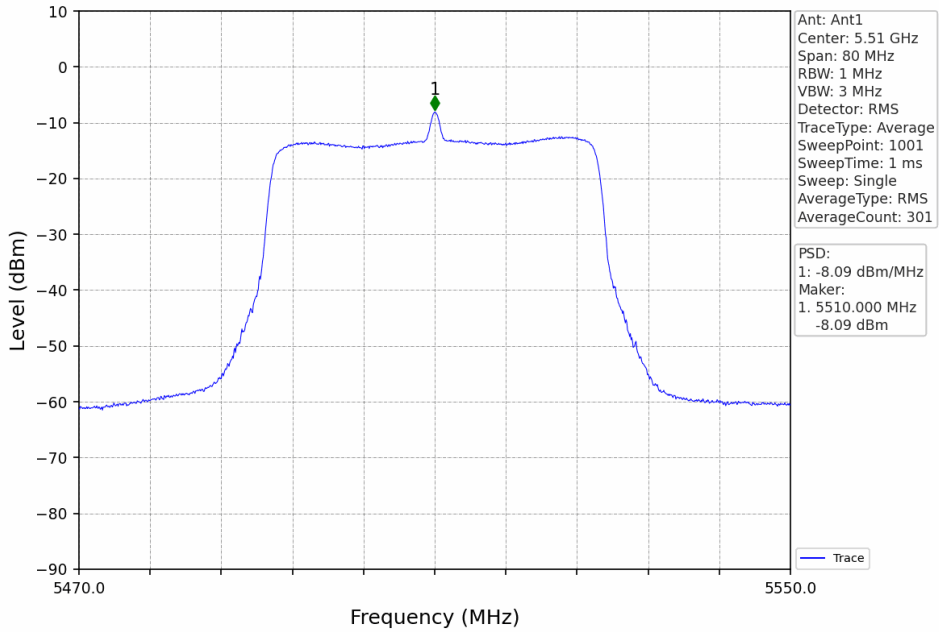
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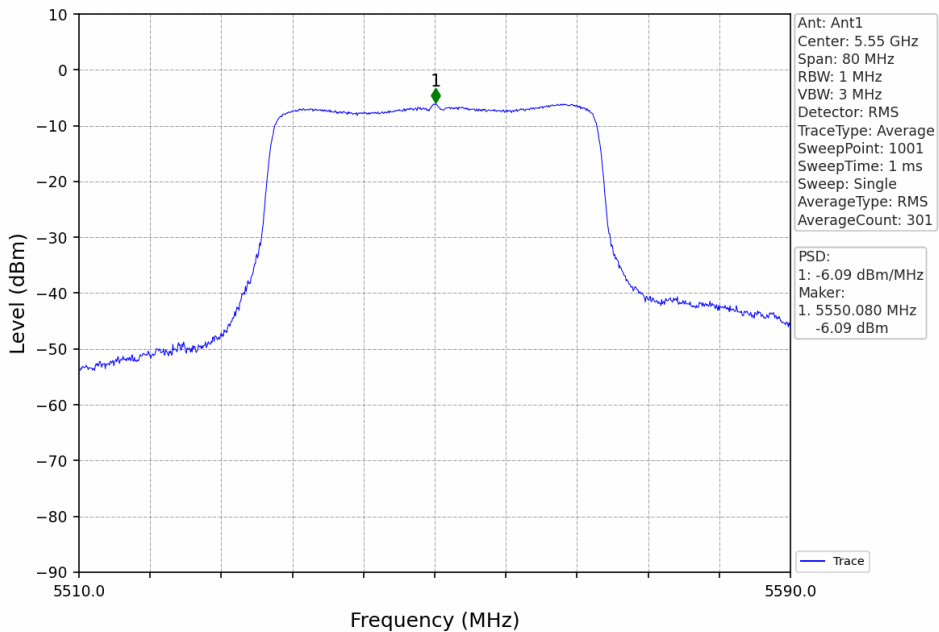
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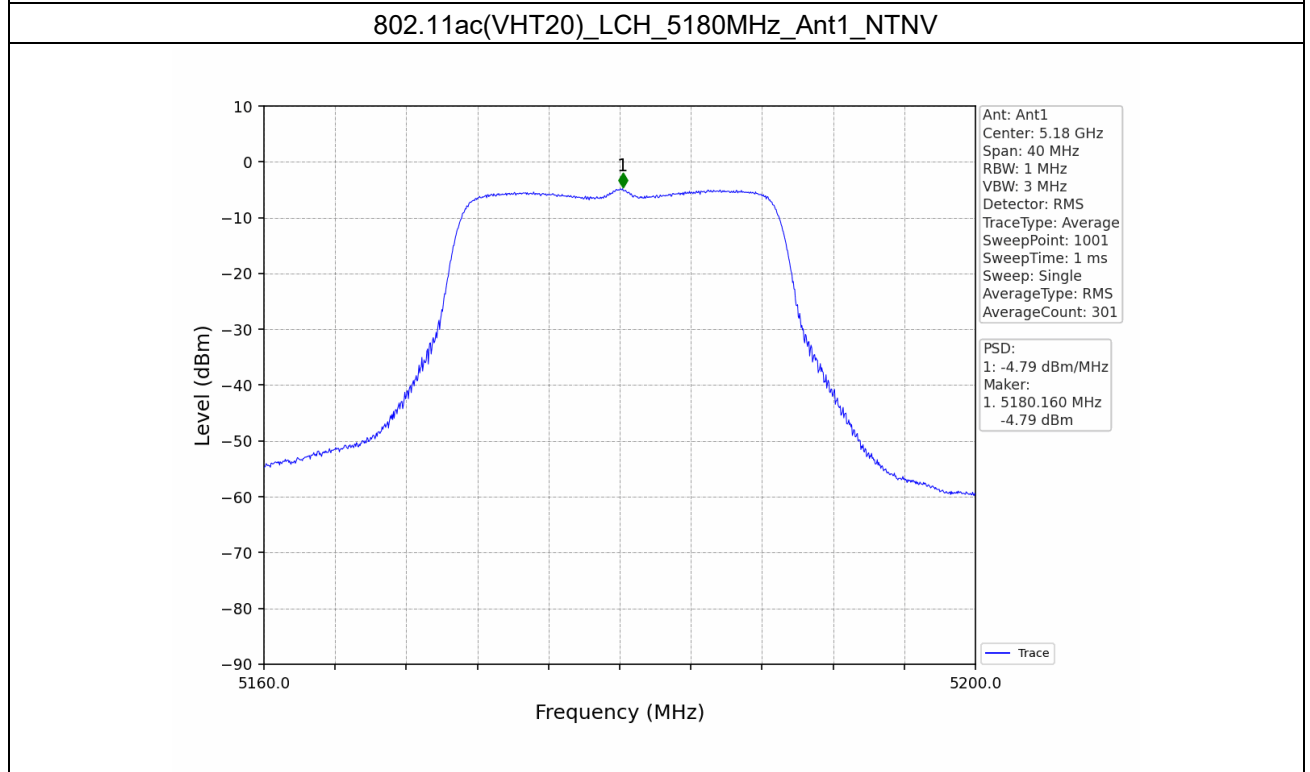
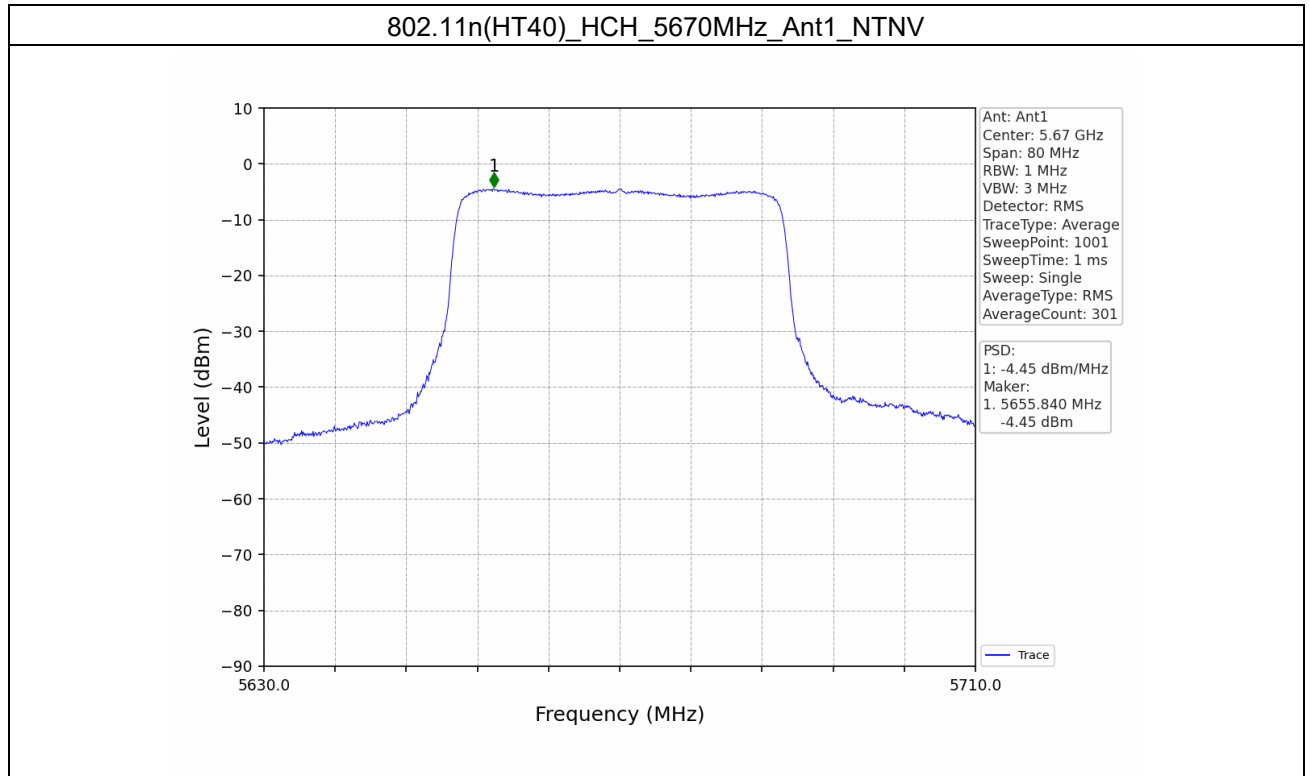
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



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



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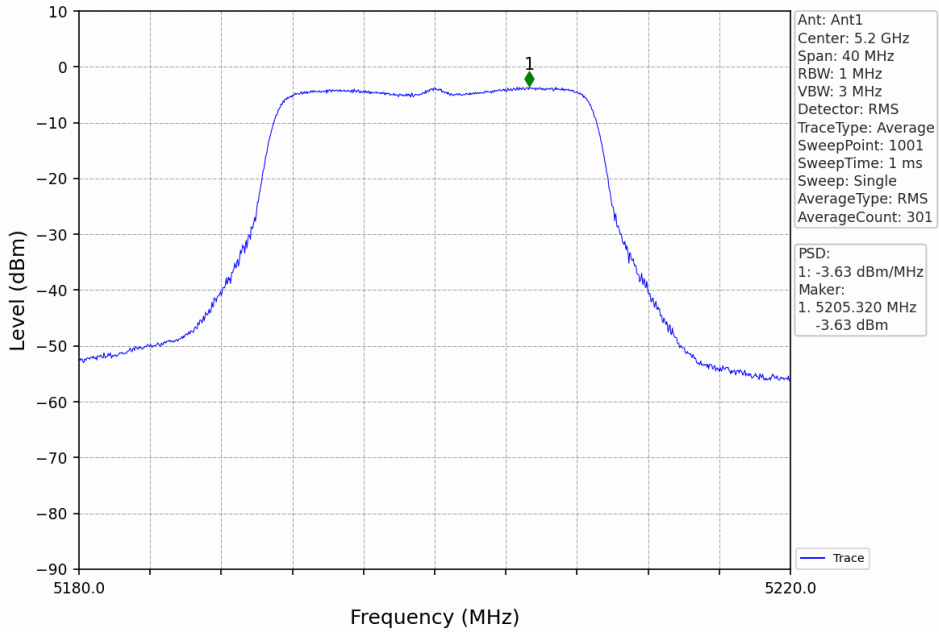


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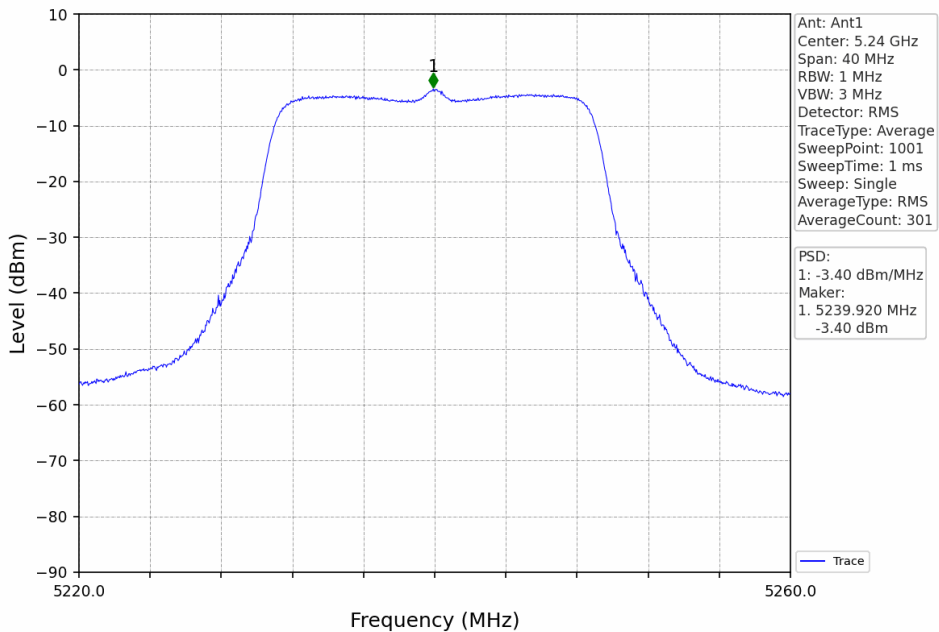
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802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV

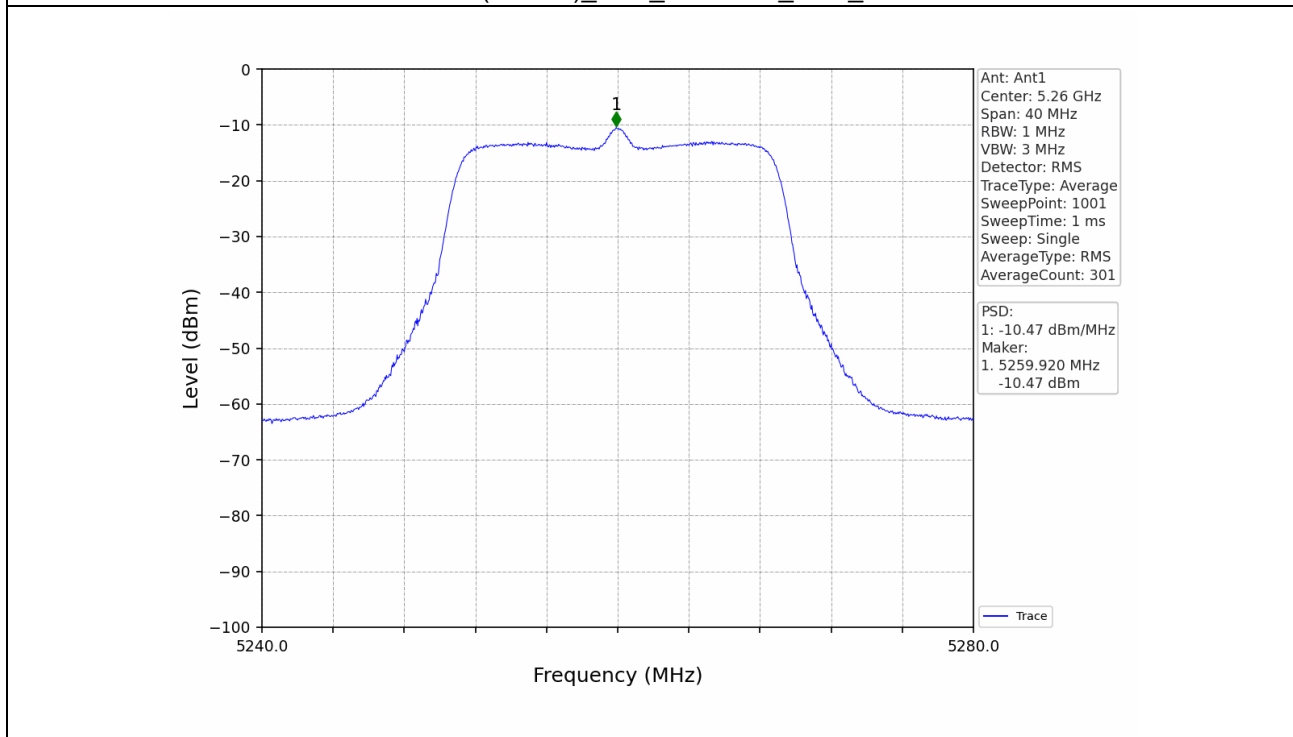


802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV

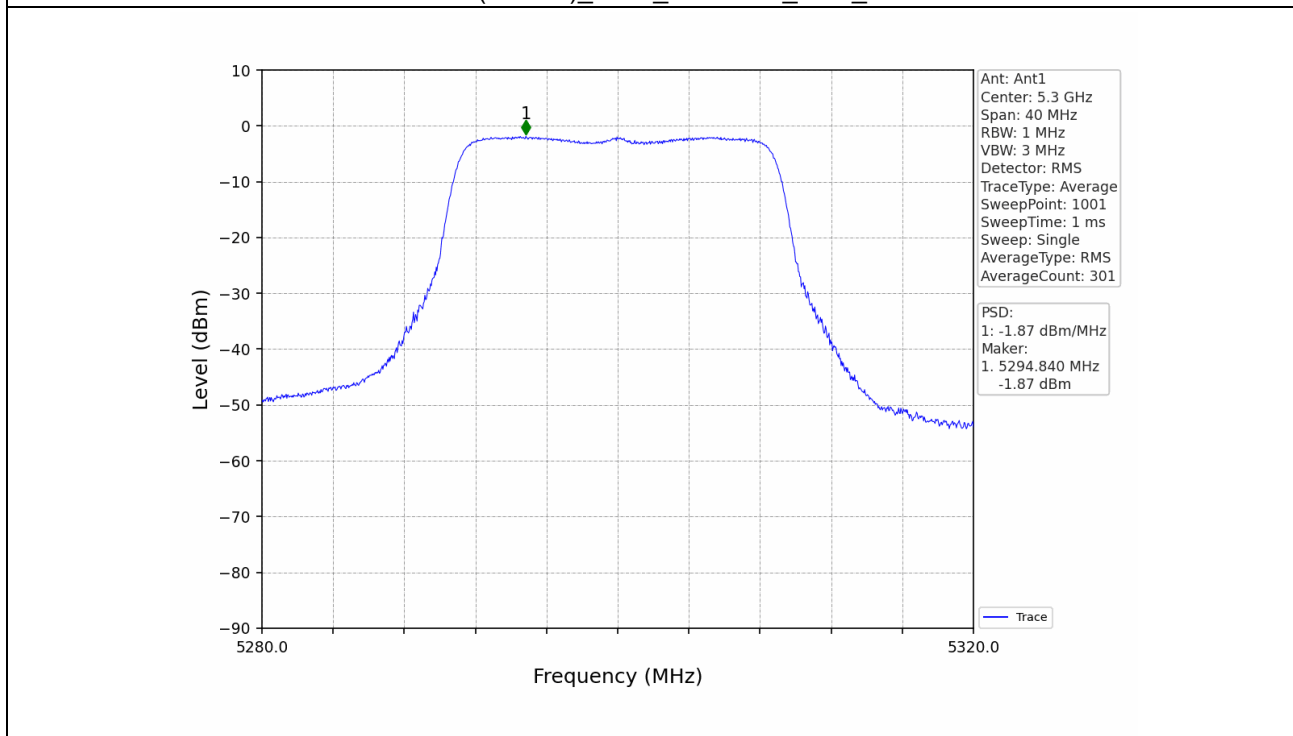


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802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV

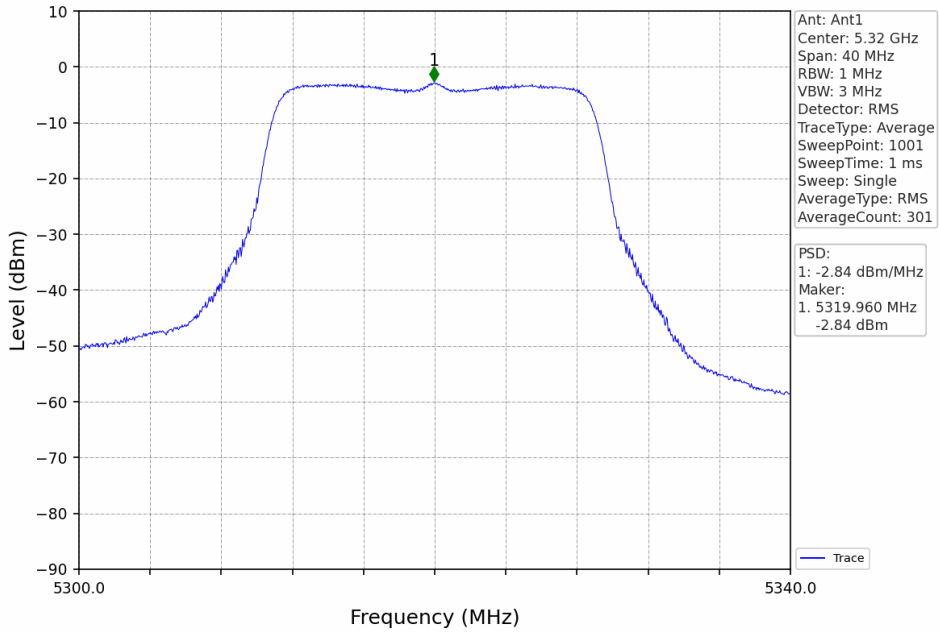


802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV

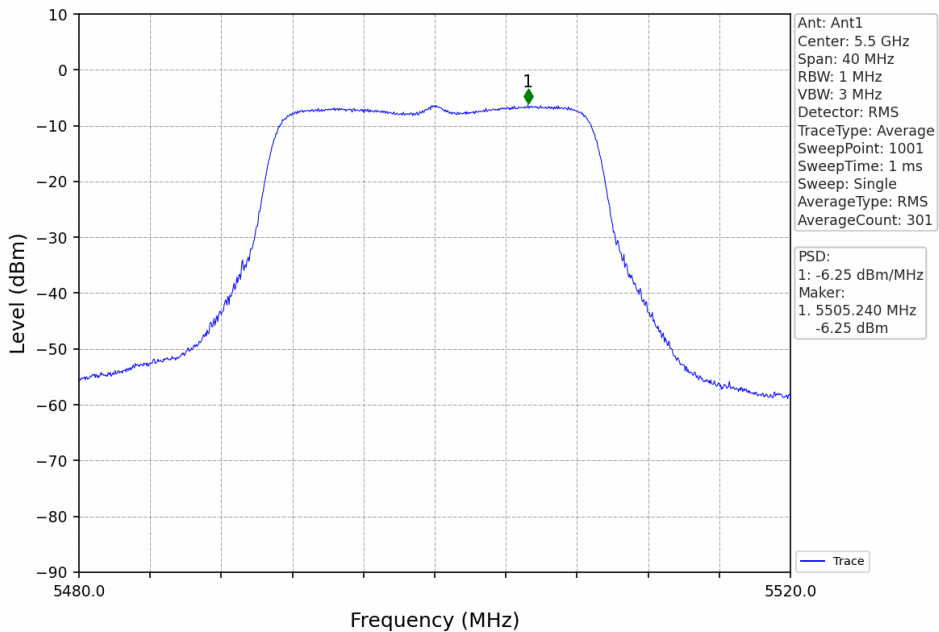


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802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV

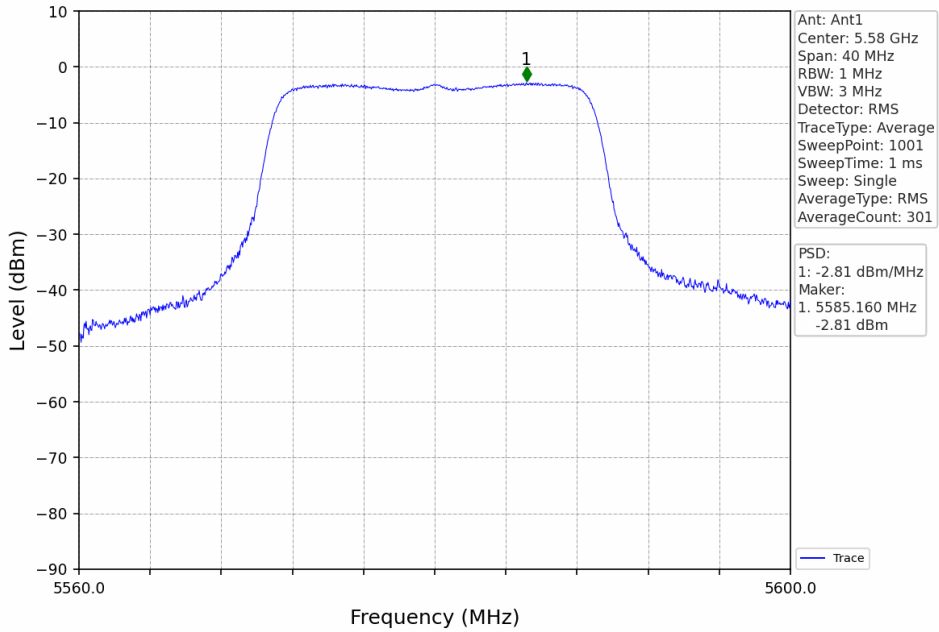


802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV

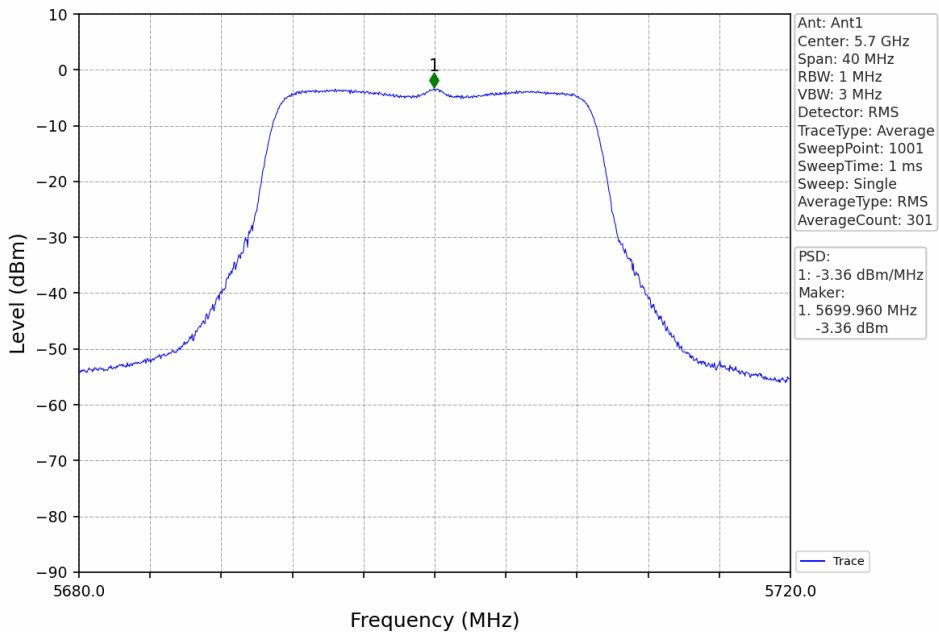


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802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV

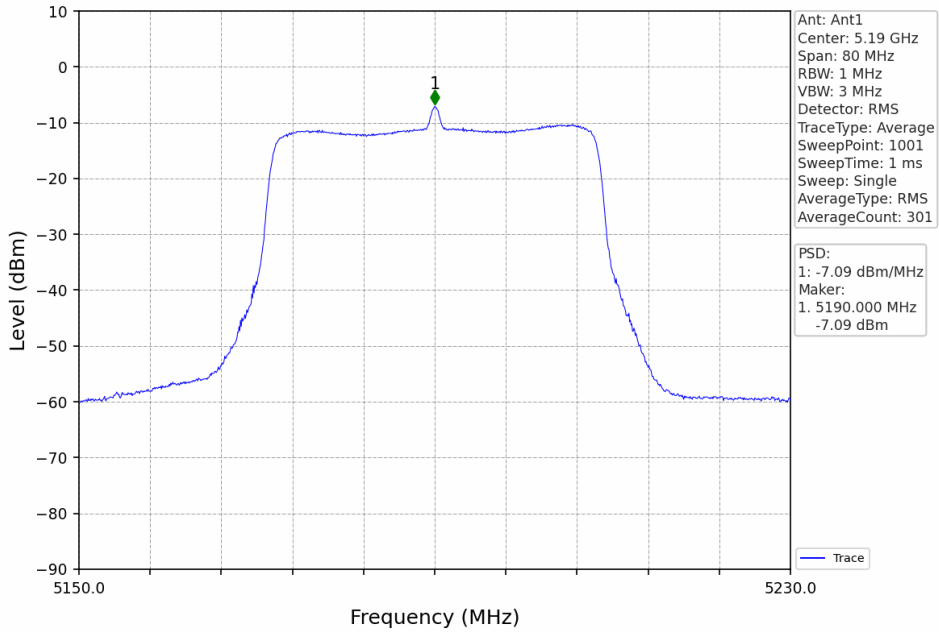


802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV

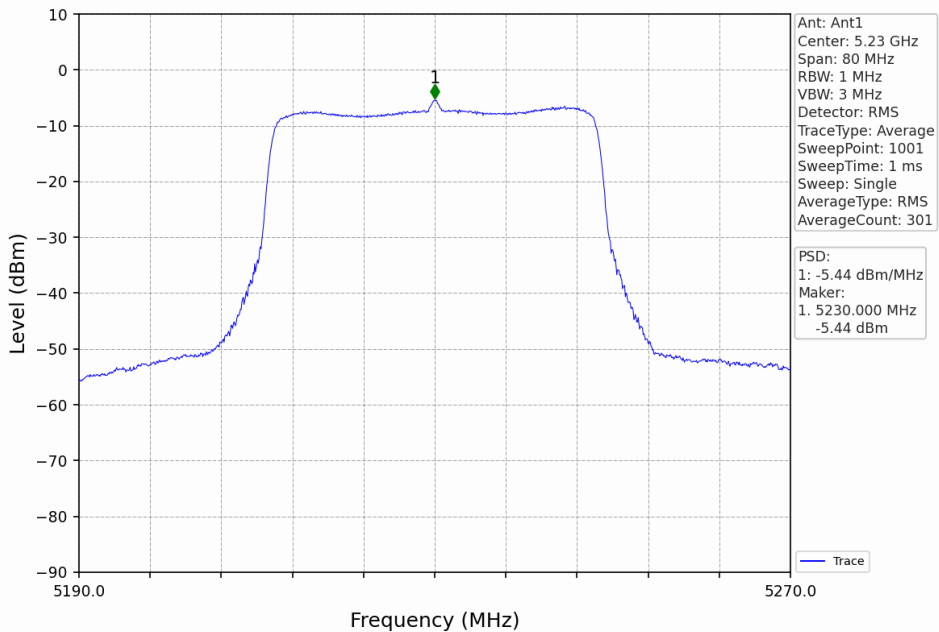


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802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



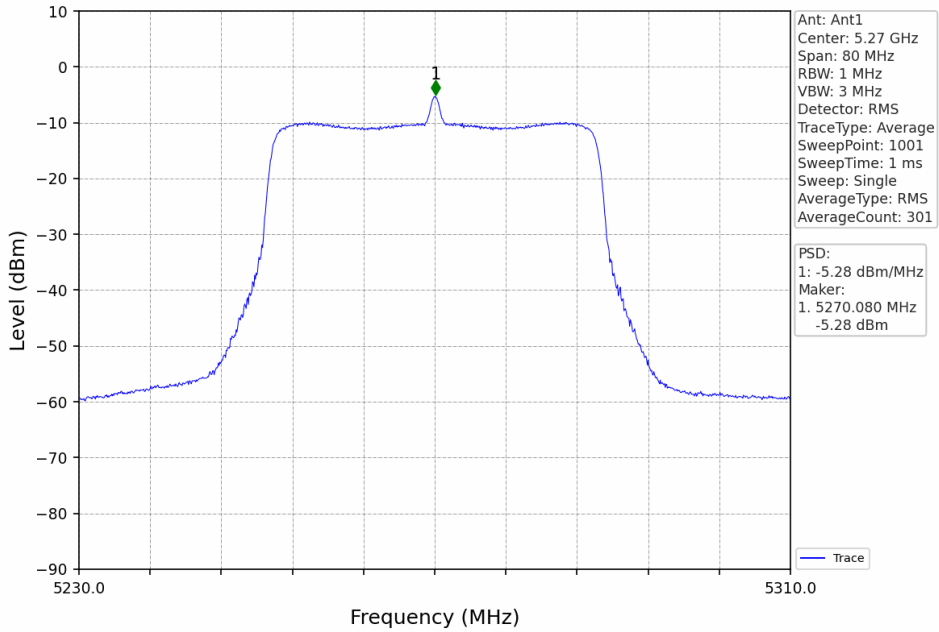
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



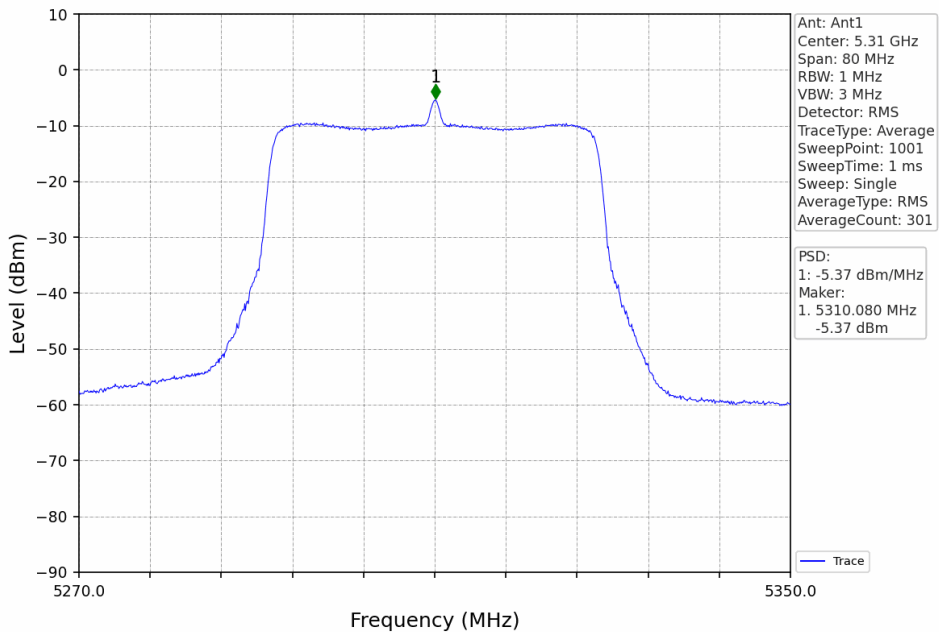
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802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



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

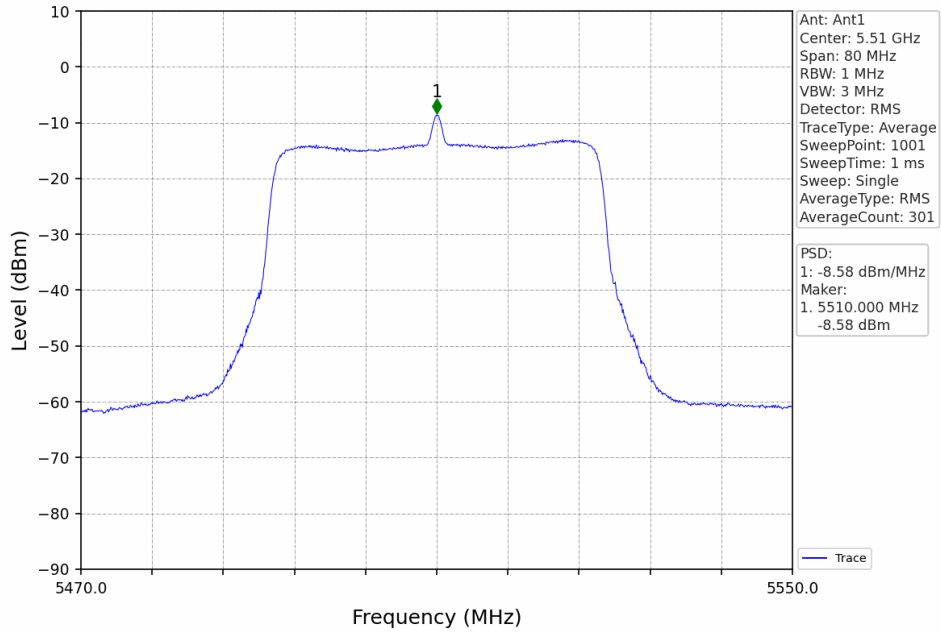


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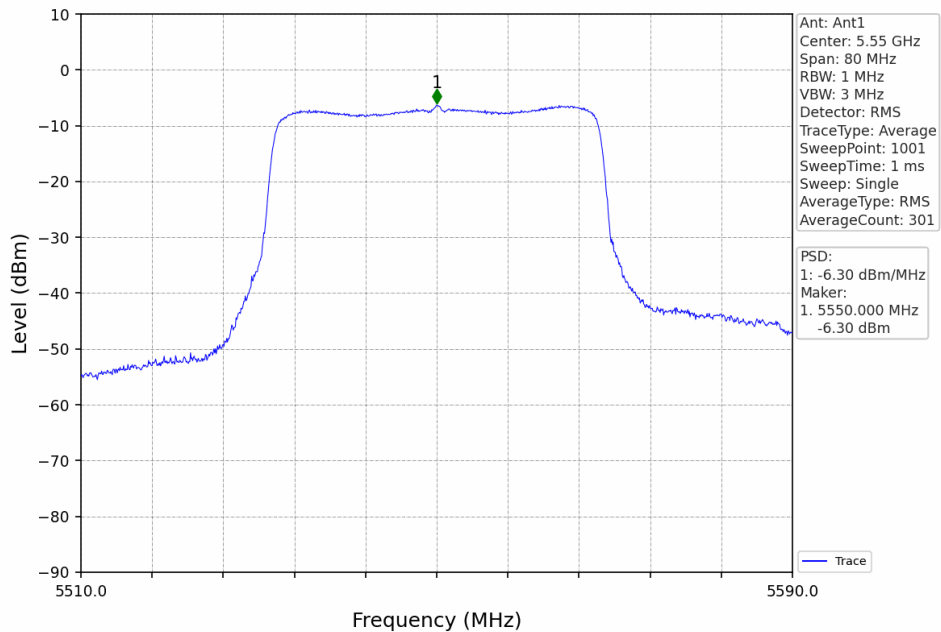
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802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



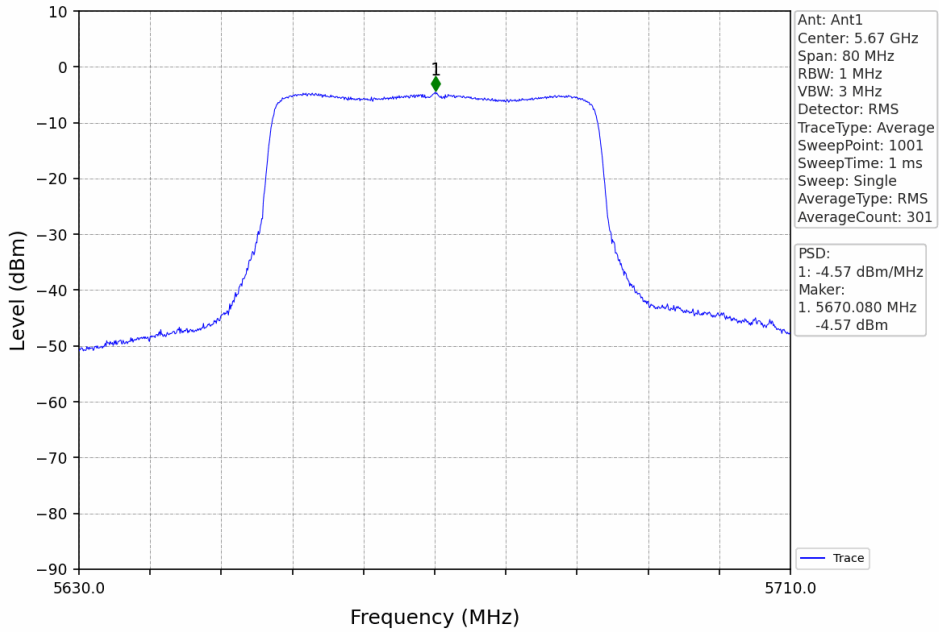
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



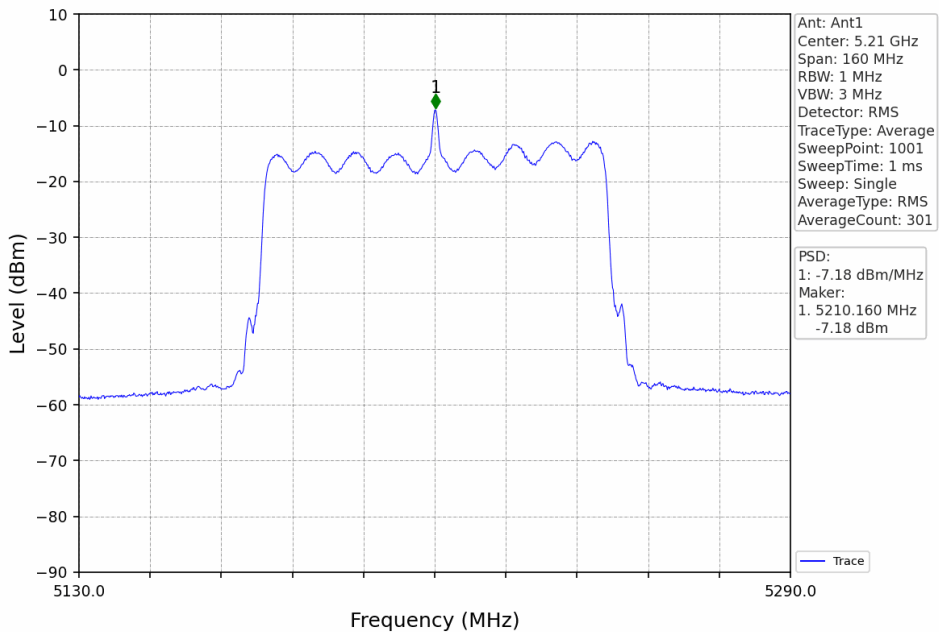
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802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



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

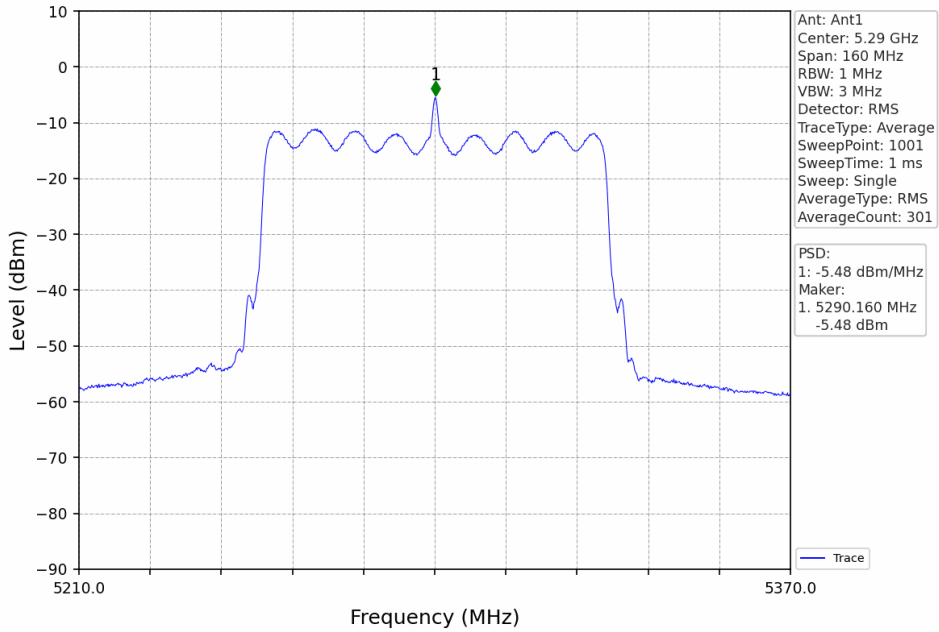


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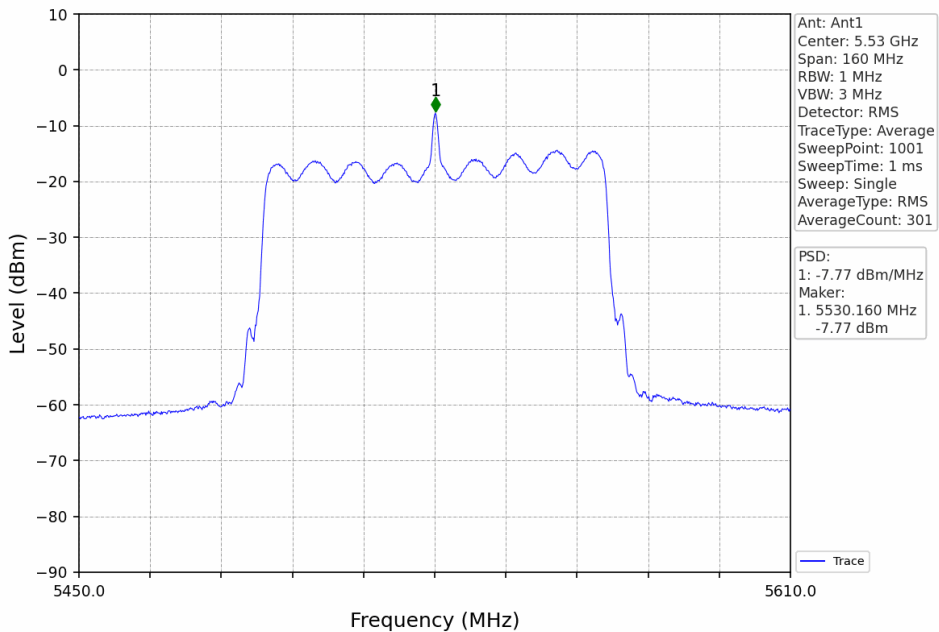
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802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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

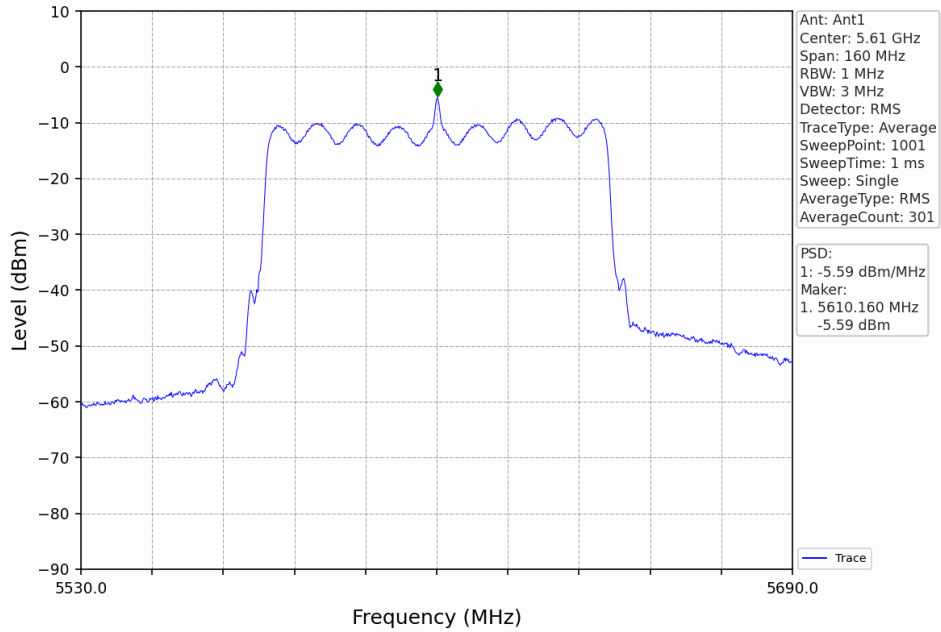


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### 802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV



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## 4.2 PSD-Band3

### 4.2.1 Test Result

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       | Verdict |
|------------------|---------|-----------------|--------------------------|-------|---------|
|                  |         |                 | Ant1                     | Limit |         |
| 802.11a          | SISO    | 5745            | -3.59                    | <=30  | Pass    |
|                  |         | 5785            | -3.71                    | <=30  | Pass    |
|                  |         | 5825            | -4.09                    | <=30  | Pass    |
| 802.11n (HT20)   | SISO    | 5745            | -4.00                    | <=30  | Pass    |
|                  |         | 5785            | -3.58                    | <=30  | Pass    |
|                  |         | 5825            | -4.02                    | <=30  | Pass    |
| 802.11n (HT40)   | SISO    | 5755            | -4.82                    | <=30  | Pass    |
|                  |         | 5795            | -4.60                    | <=30  | Pass    |
| 802.11ac (VHT20) | SISO    | 5745            | -3.88                    | <=30  | Pass    |
|                  |         | 5785            | -3.62                    | <=30  | Pass    |
|                  |         | 5825            | -3.78                    | <=30  | Pass    |
| 802.11ac (VHT40) | SISO    | 5755            | -4.75                    | <=30  | Pass    |
|                  |         | 5795            | -4.56                    | <=30  | Pass    |
| 802.11ac (VHT80) | SISO    | 5775            | -5.06                    | <=30  | Pass    |

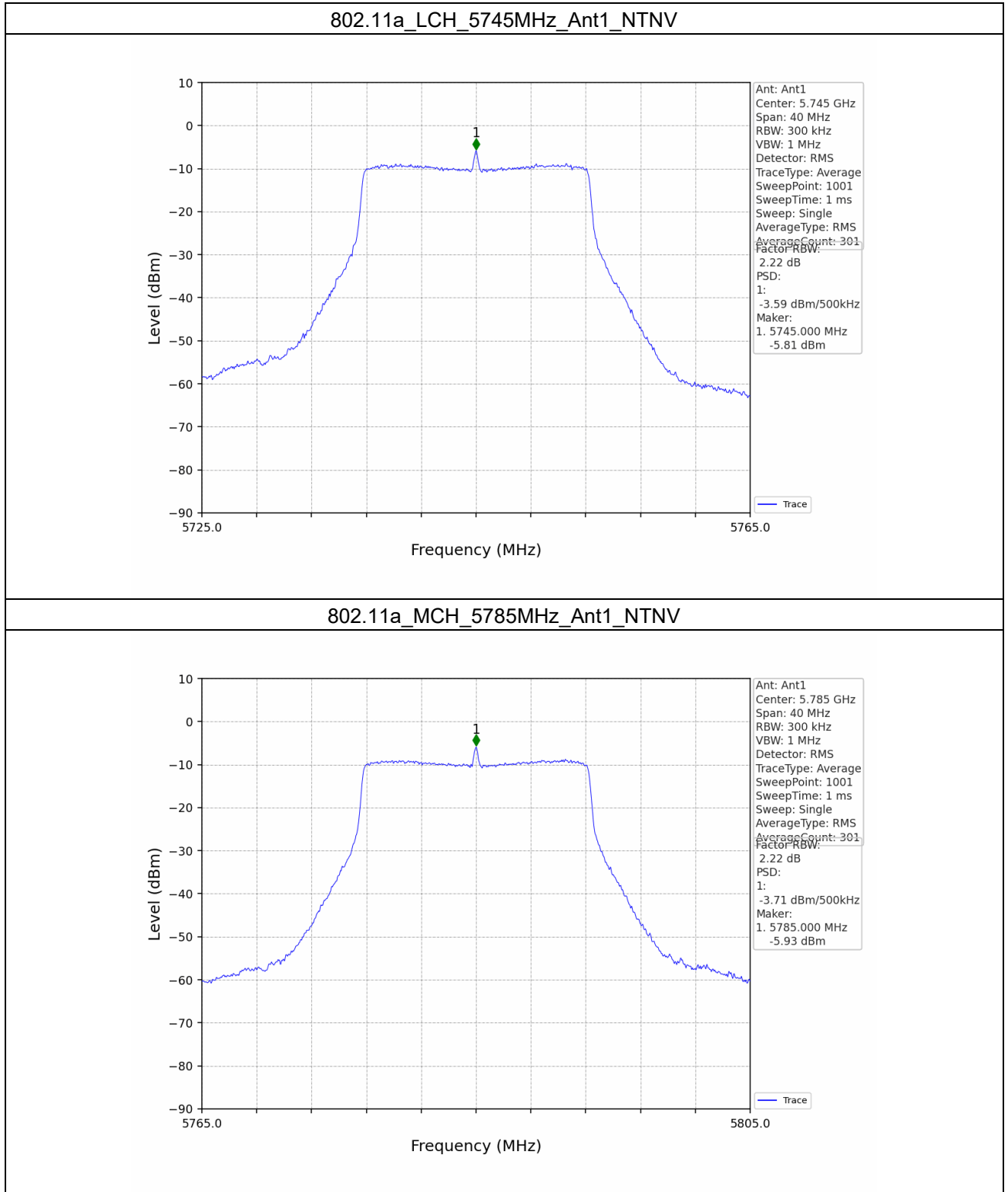
Note1: Antenna Gain: Ant1: 2.00dBi;



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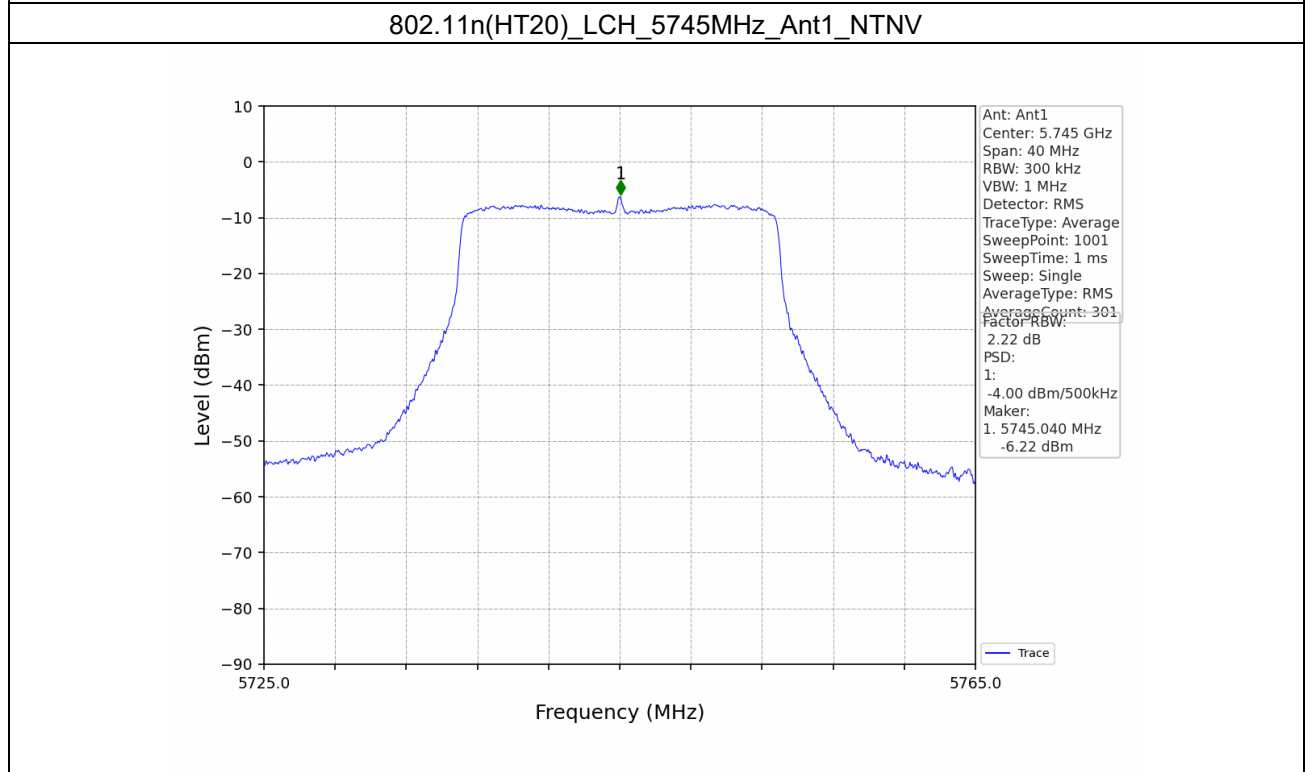
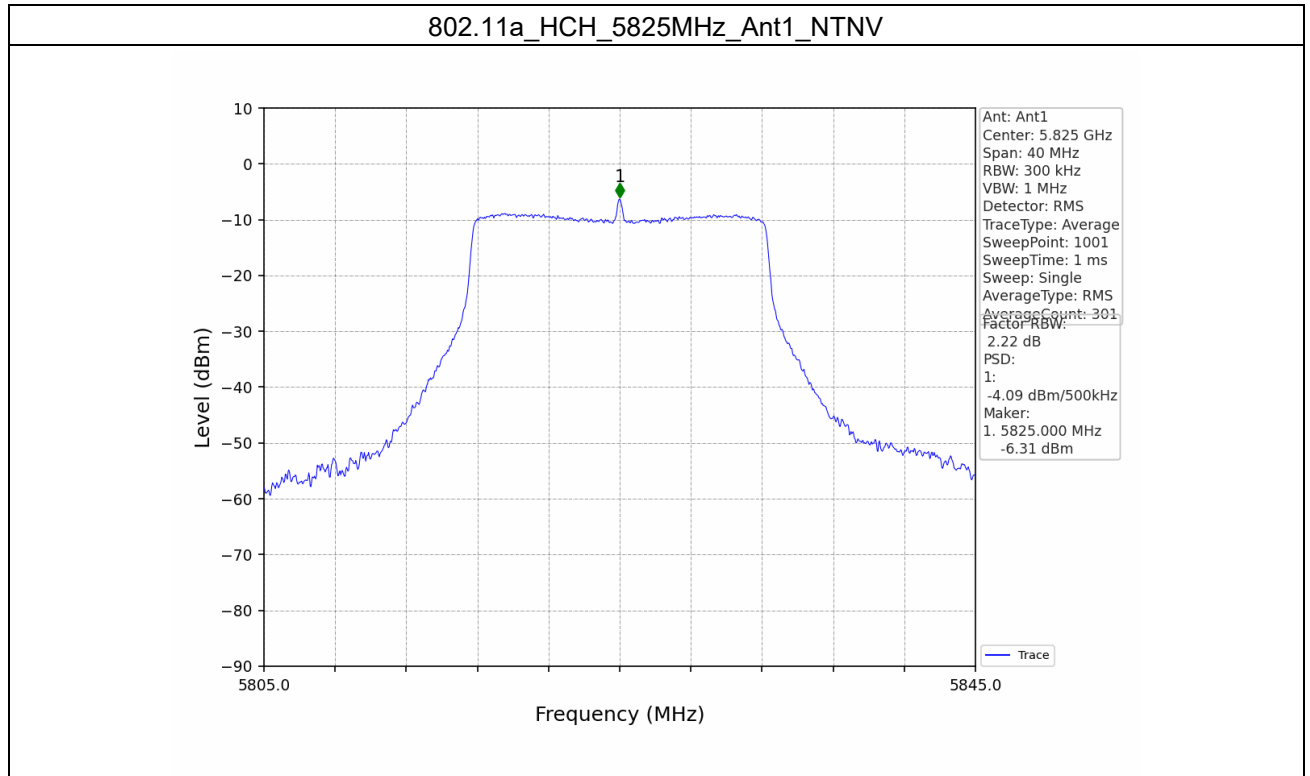
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### 4.2.2 Test Graph



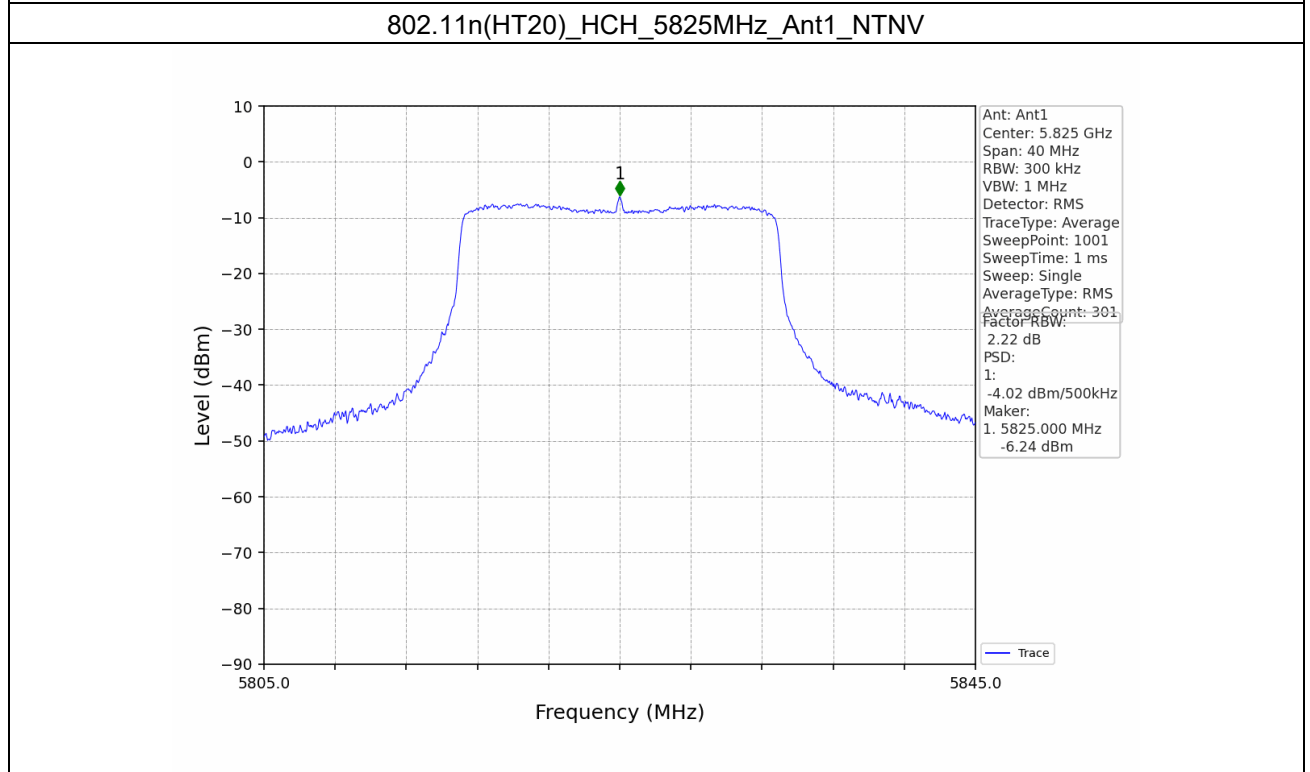
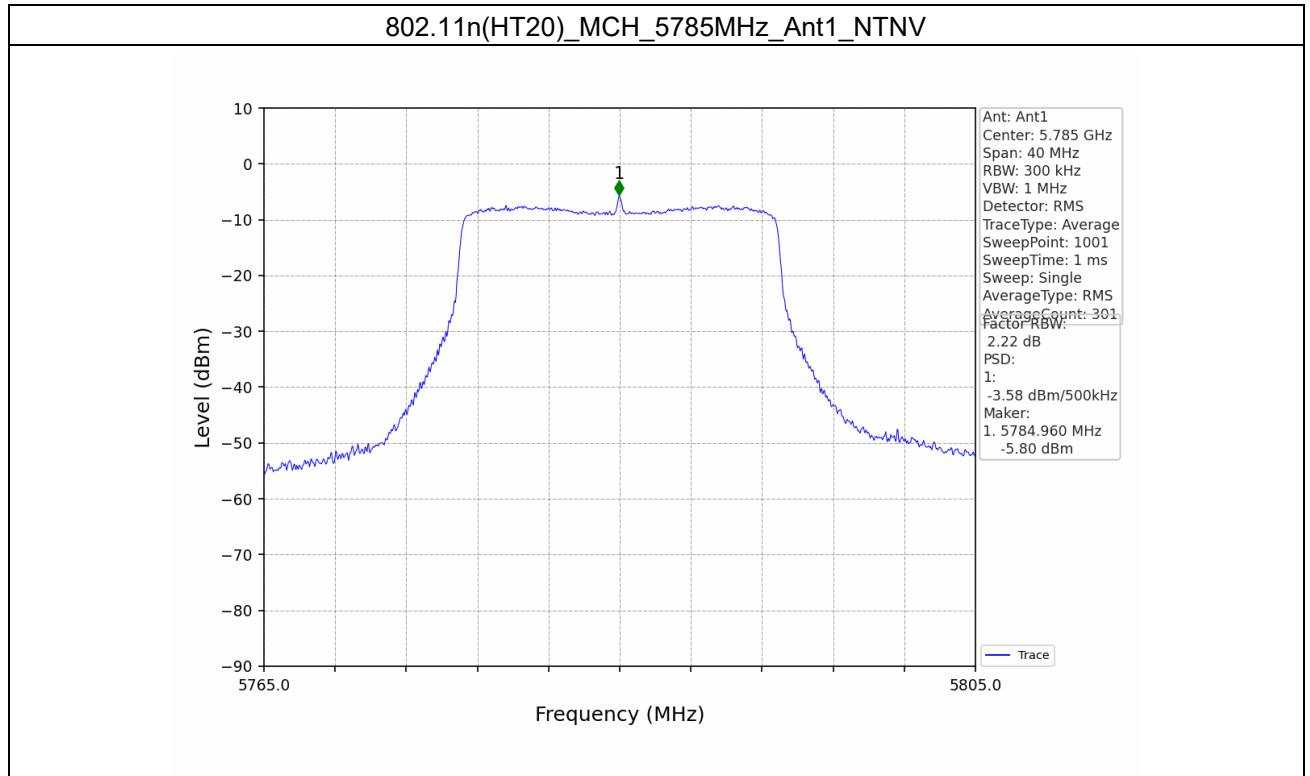
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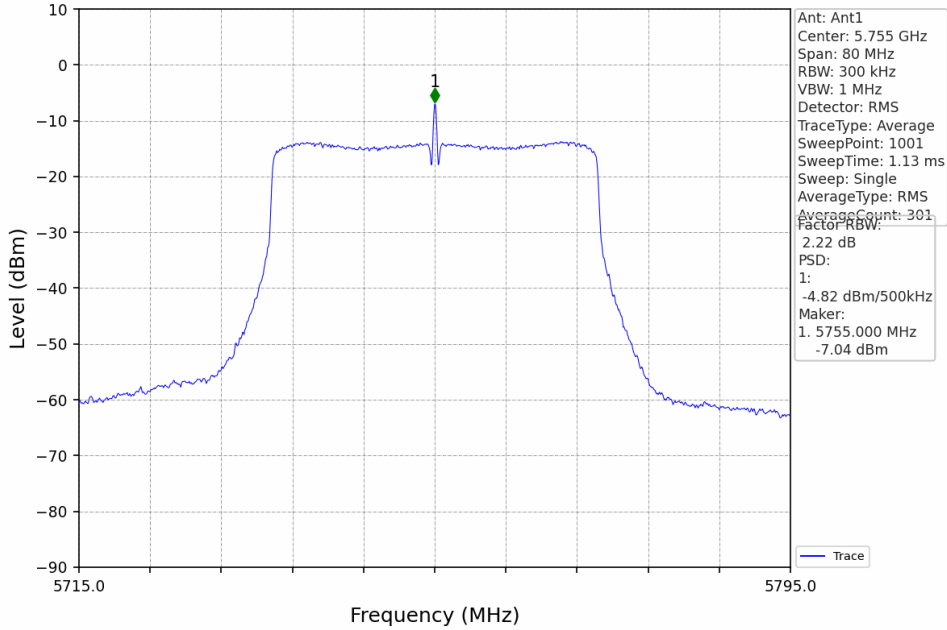


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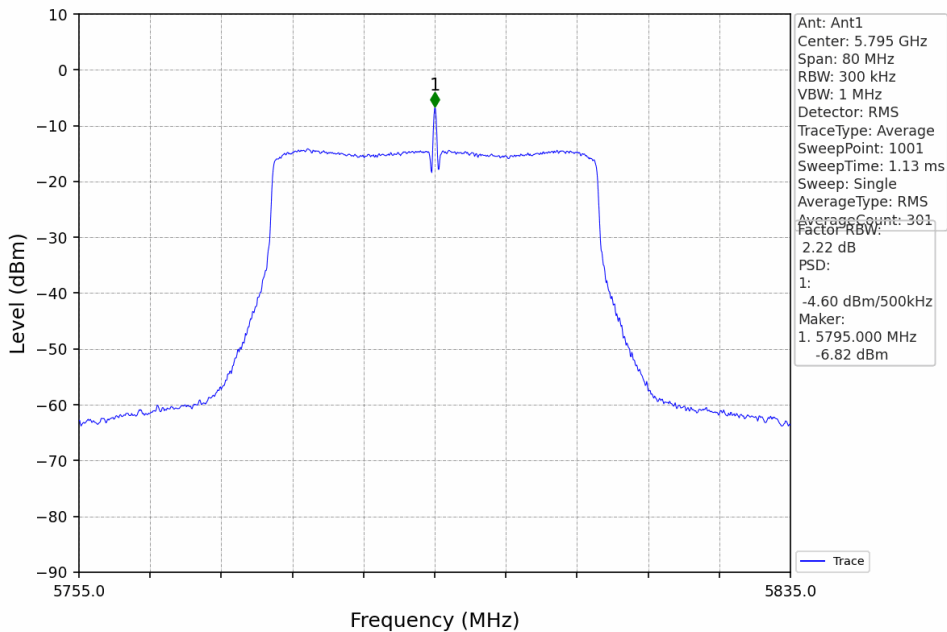
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802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV

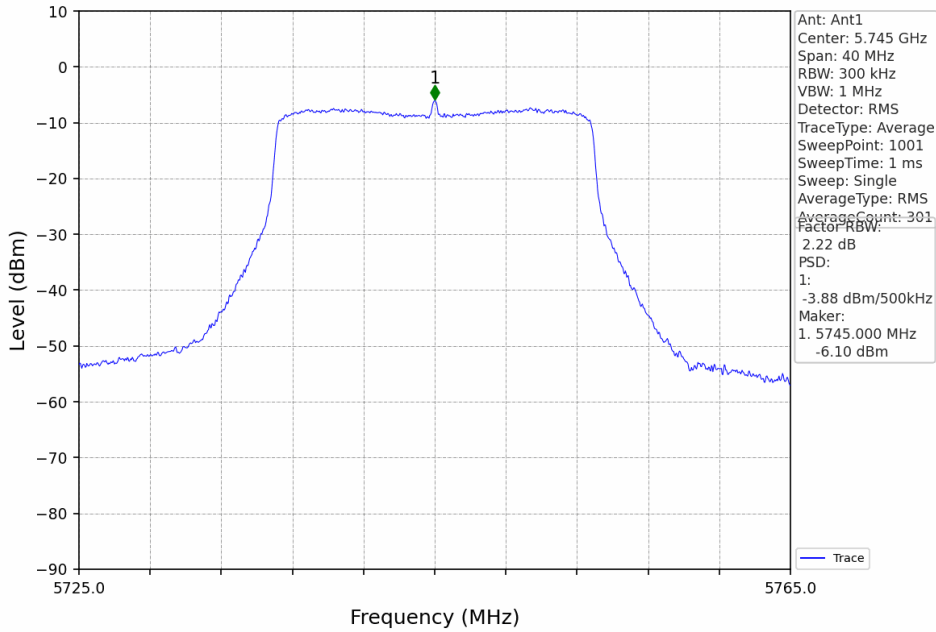


802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV

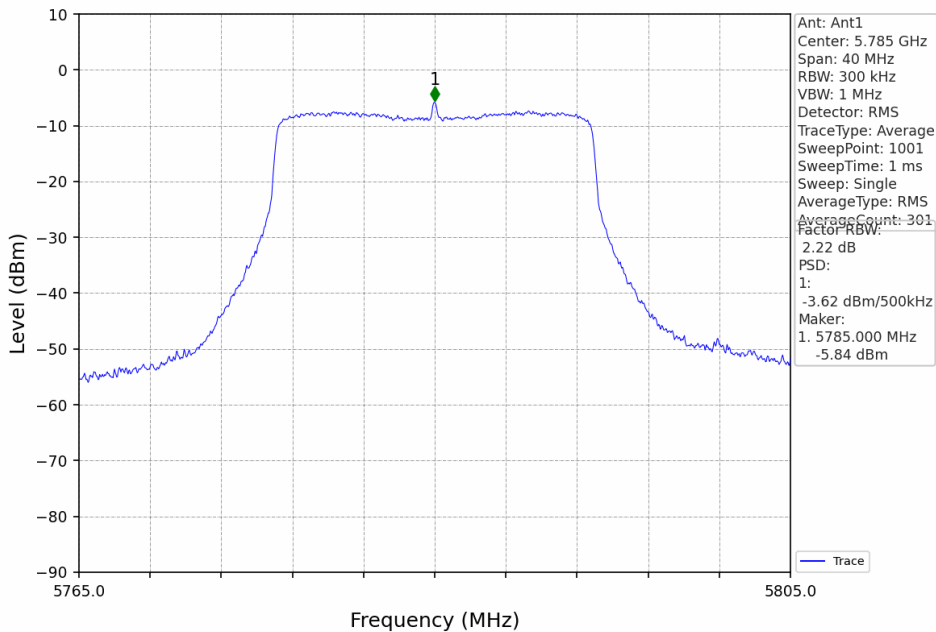


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802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



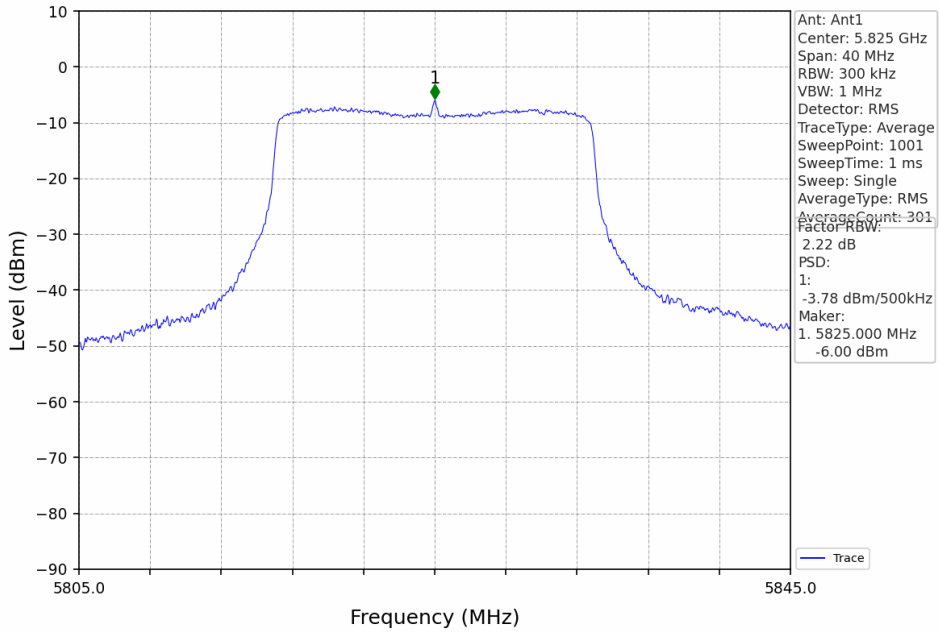
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



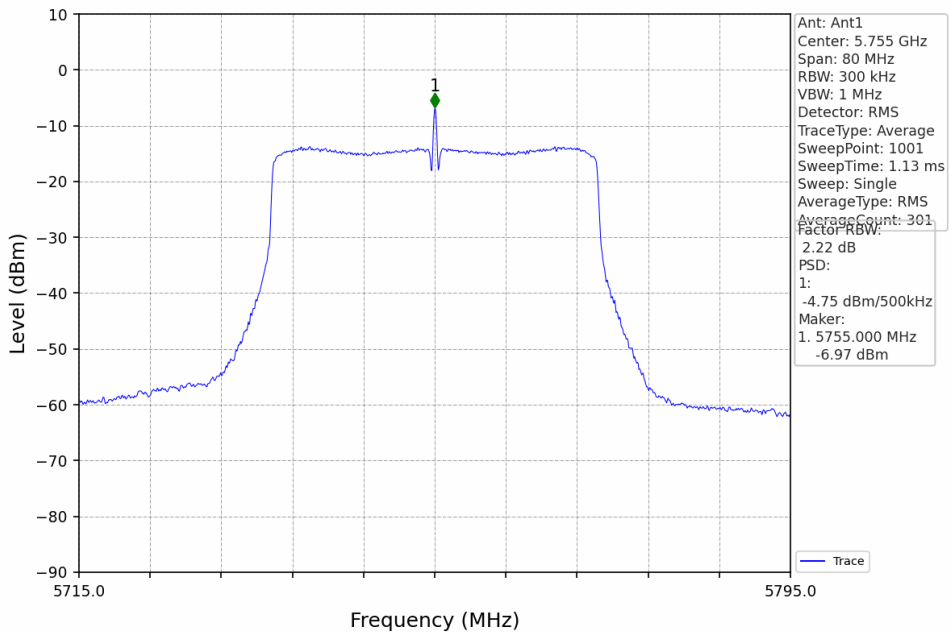
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802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



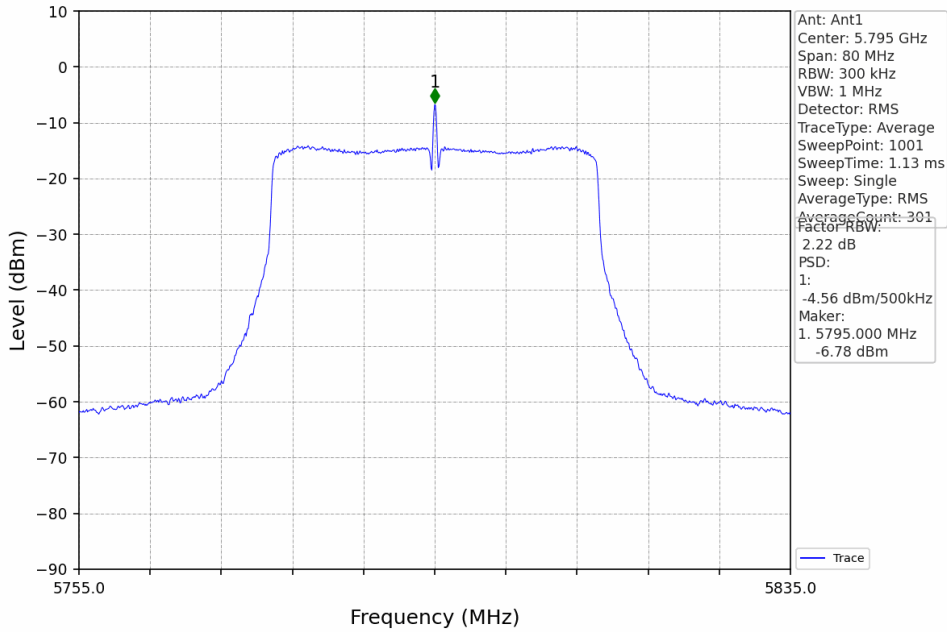
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



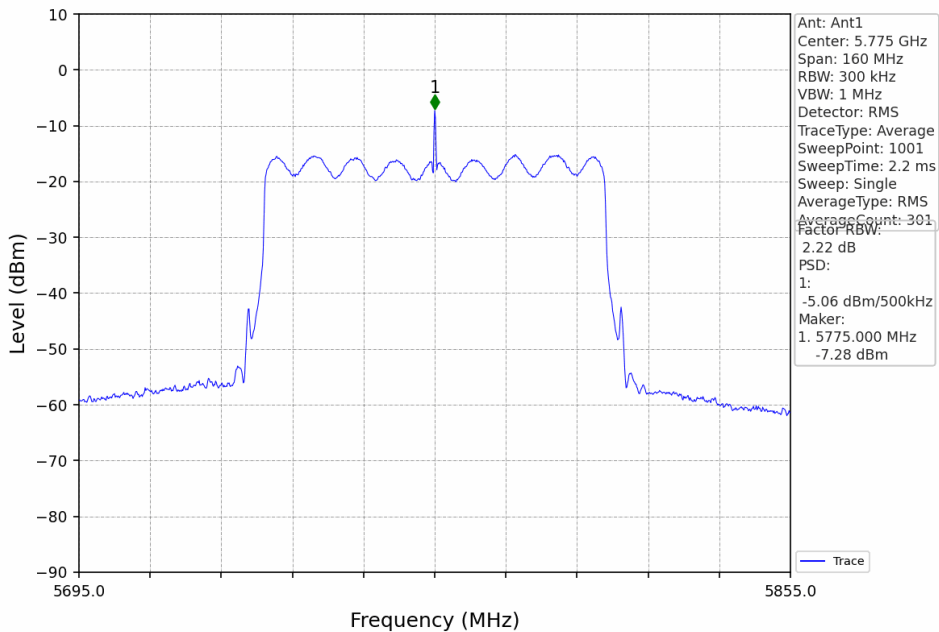
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802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



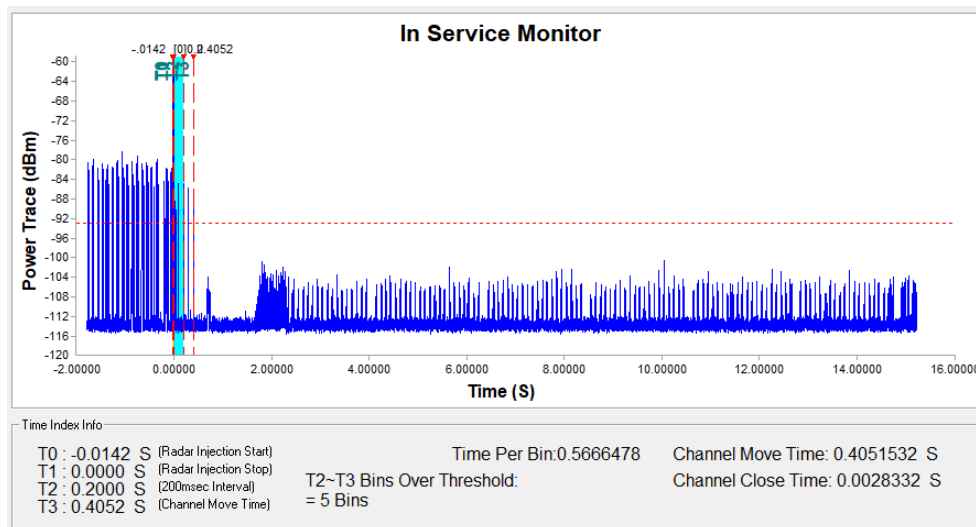
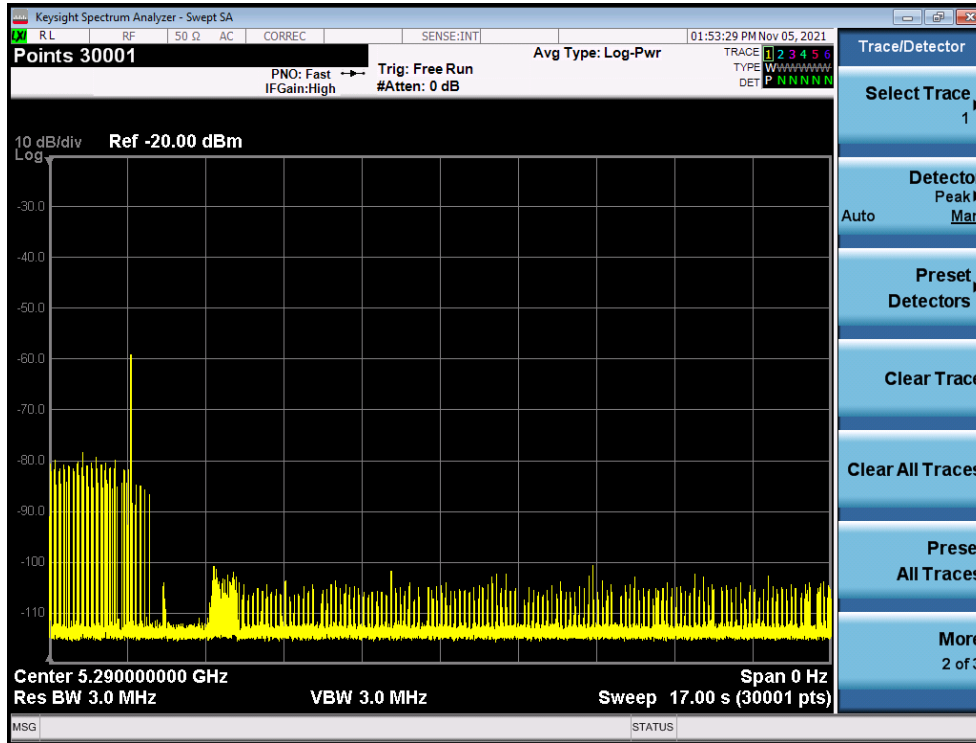
802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



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### 5. DFS



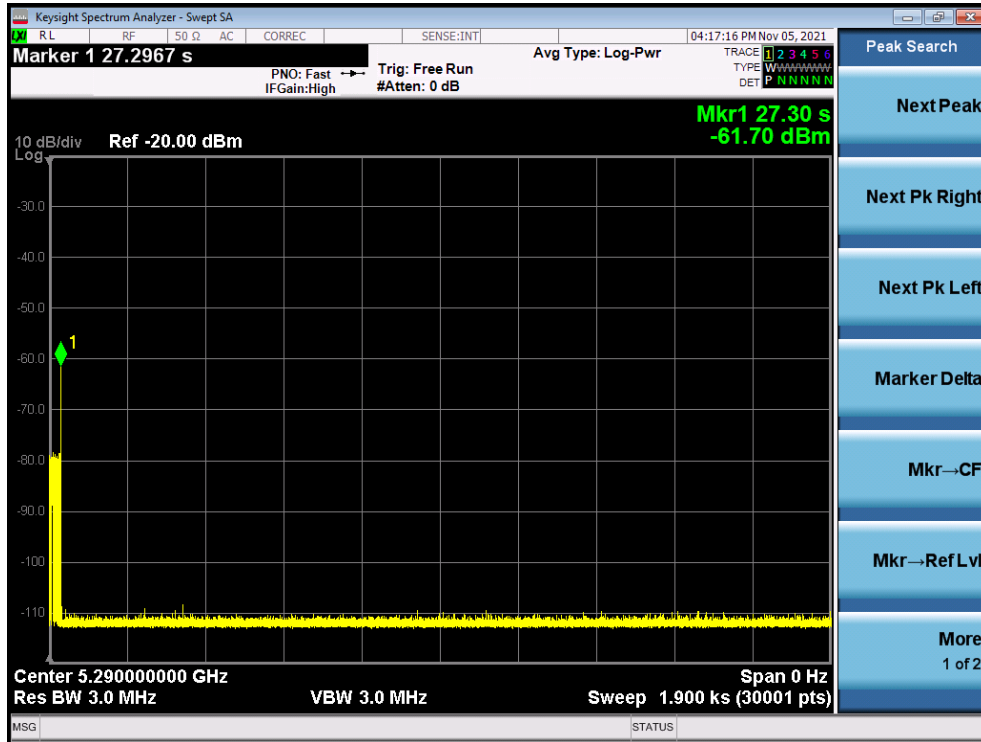
Channel Move Time: 0.405 sec

Channel Closing Transmission Time: 0.002 sec

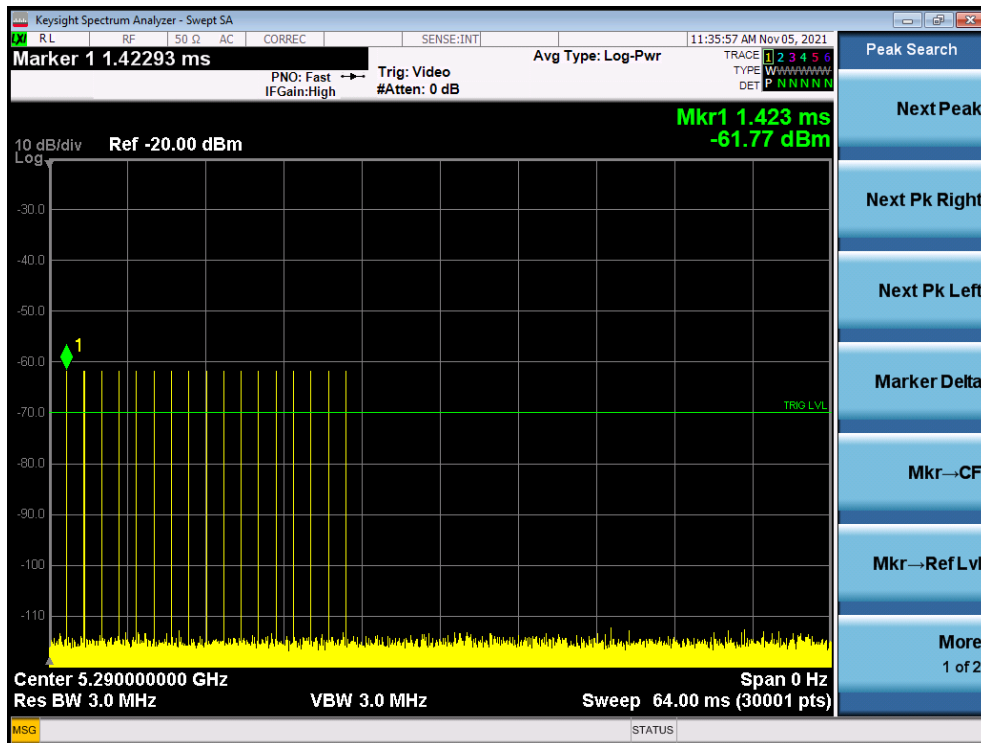


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### Non-Occupancy Period



### Radar



- End of the Report -



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