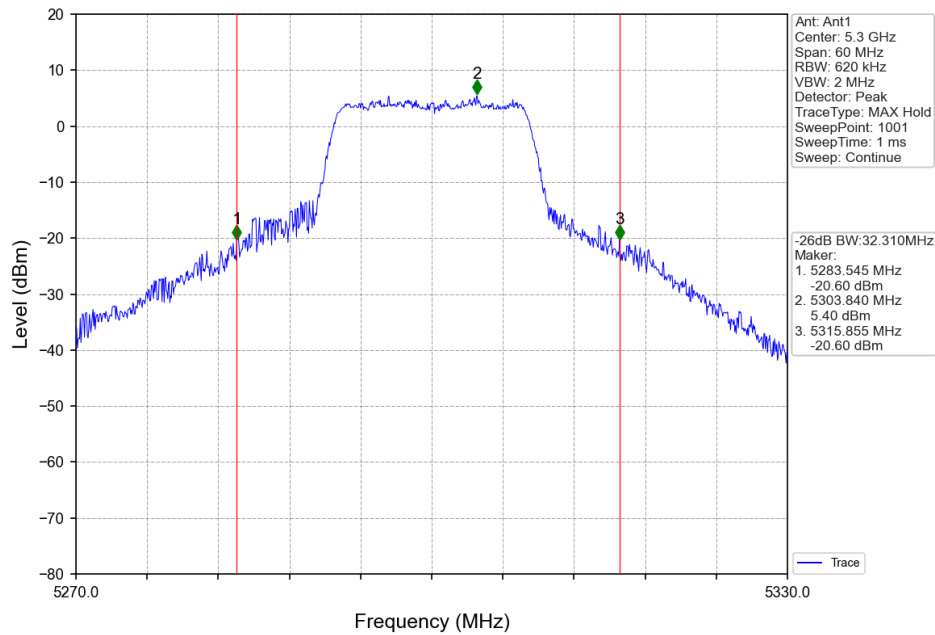
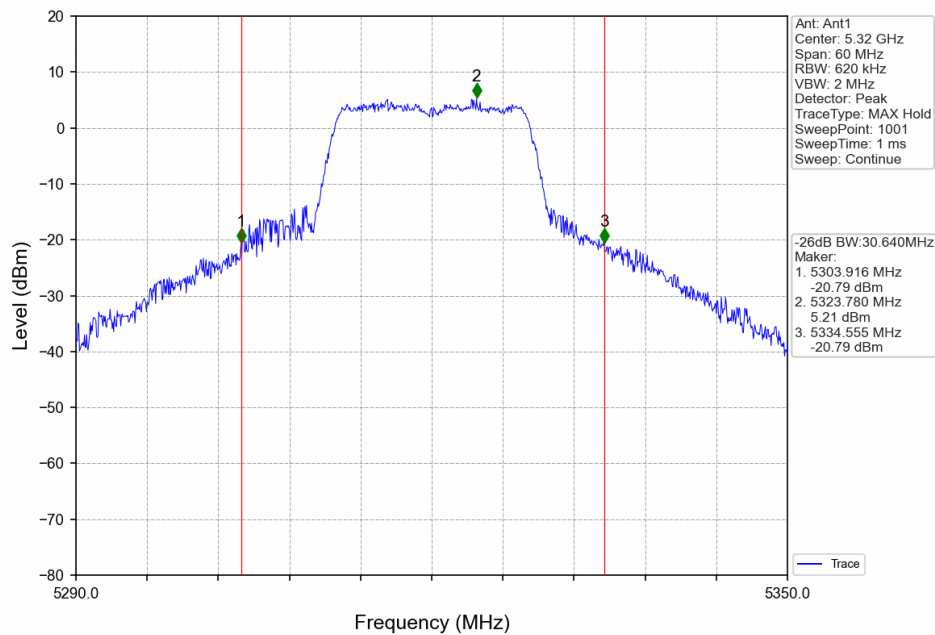


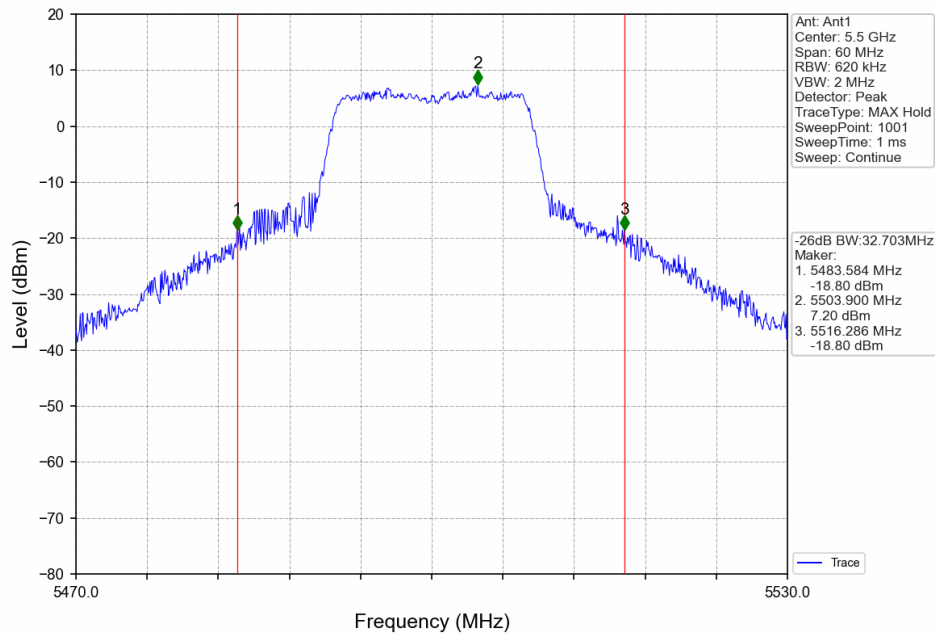
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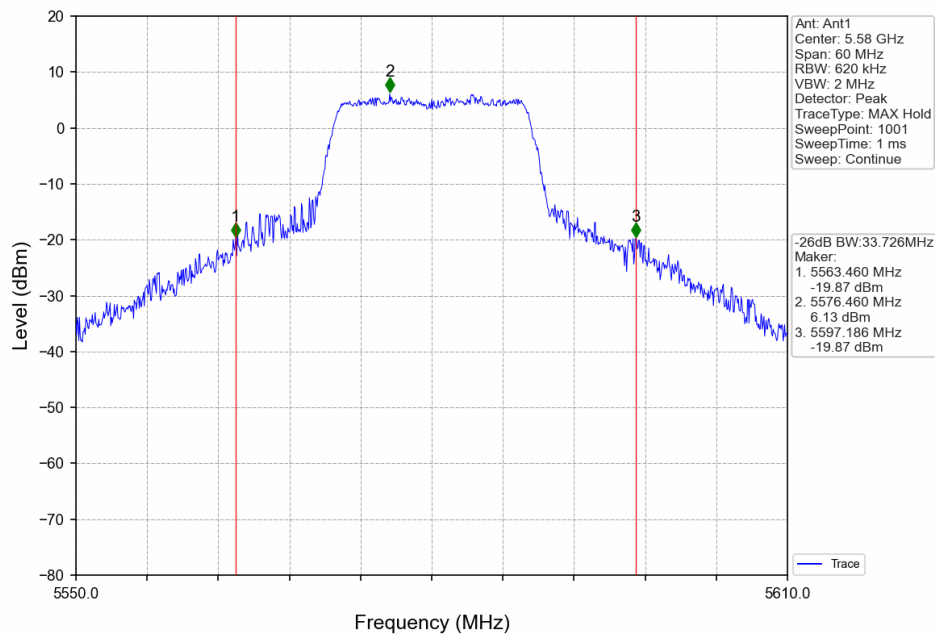
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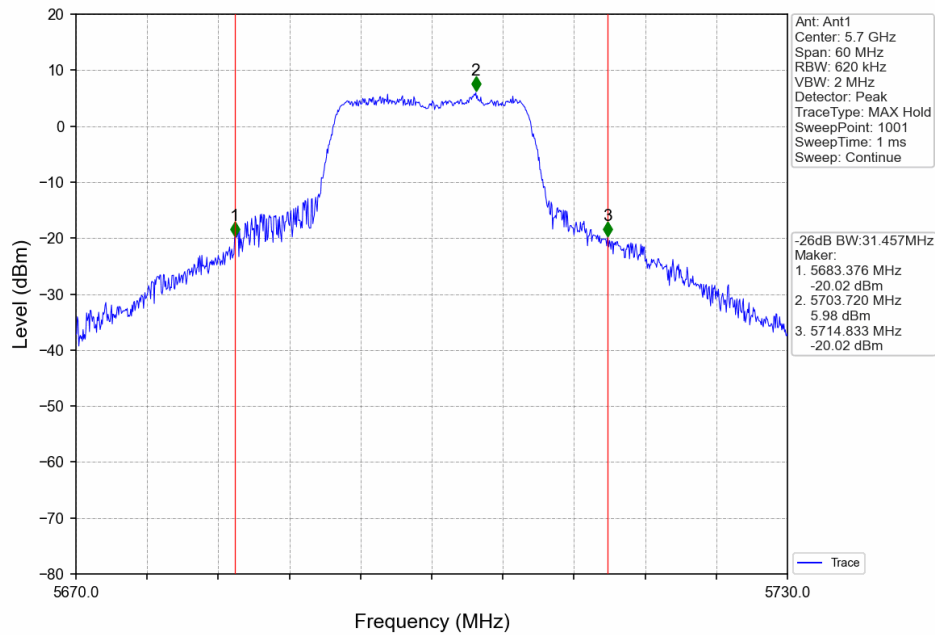
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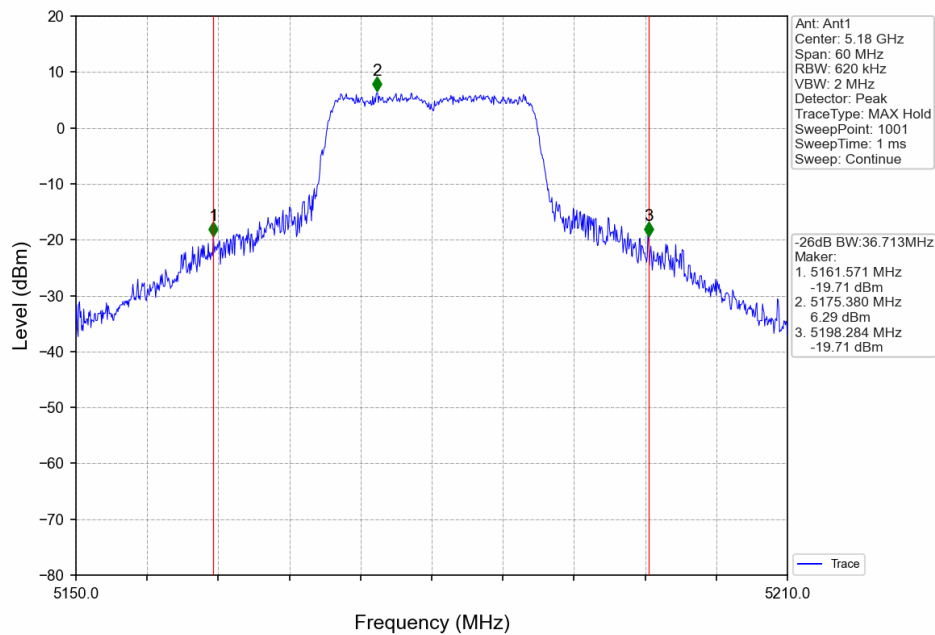
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### 802.11a\_HCH\_5700MHz\_Ant1\_NTNV



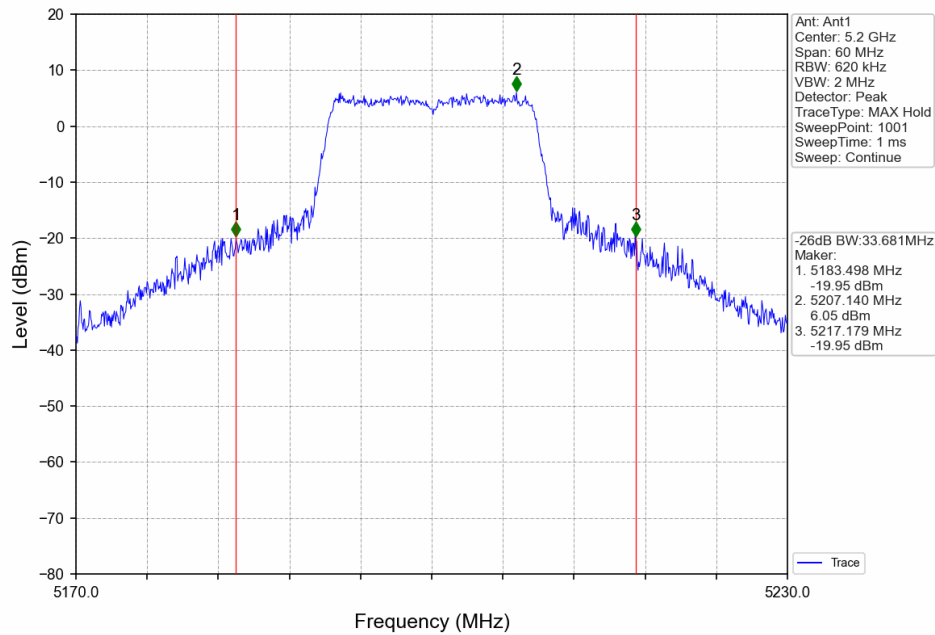
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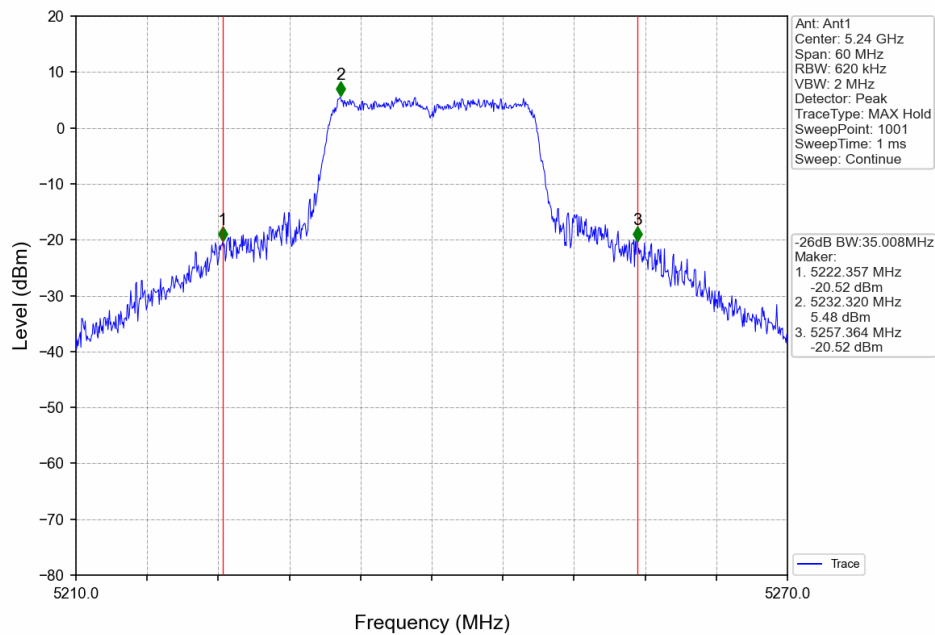
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### 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



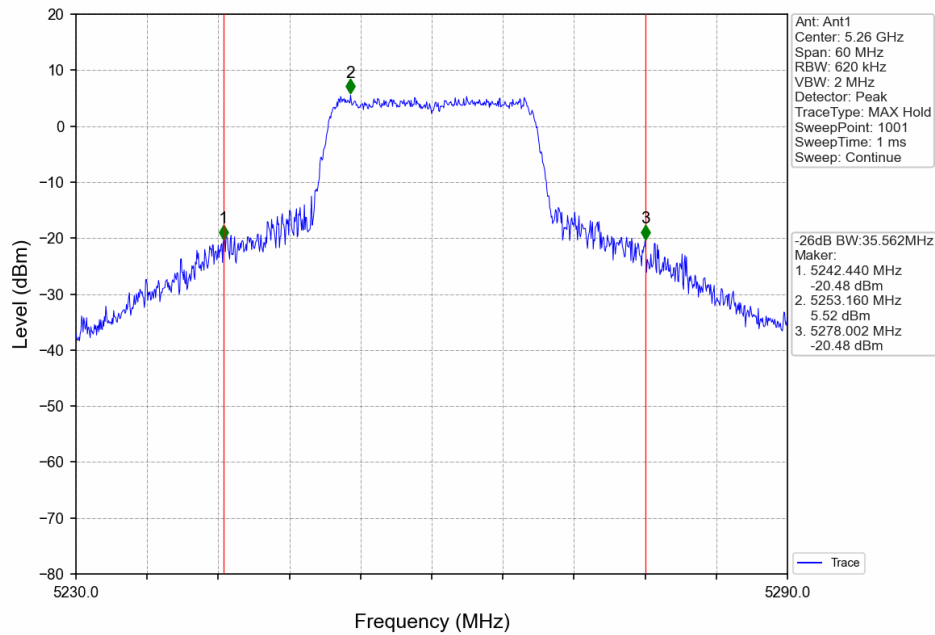
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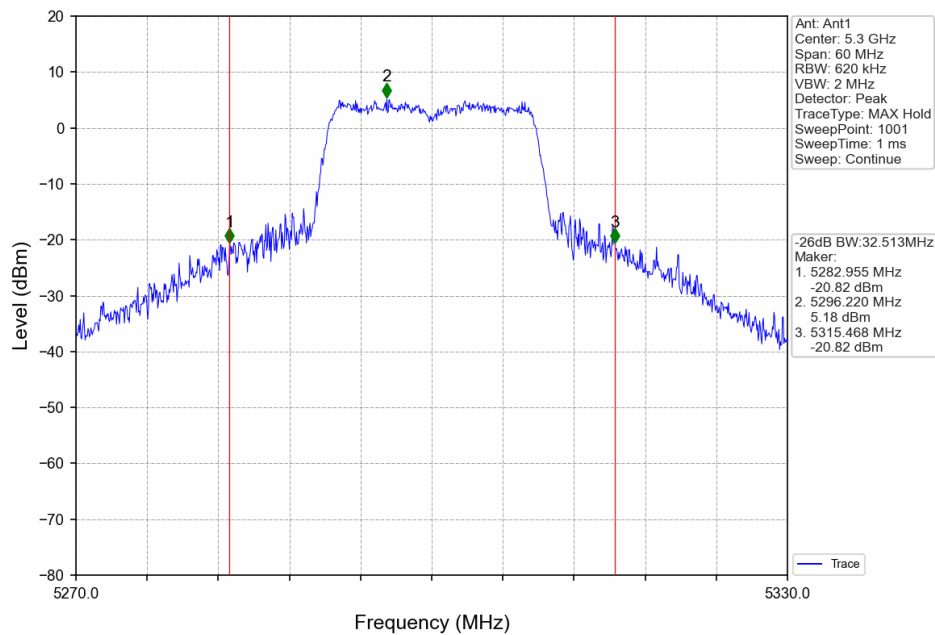
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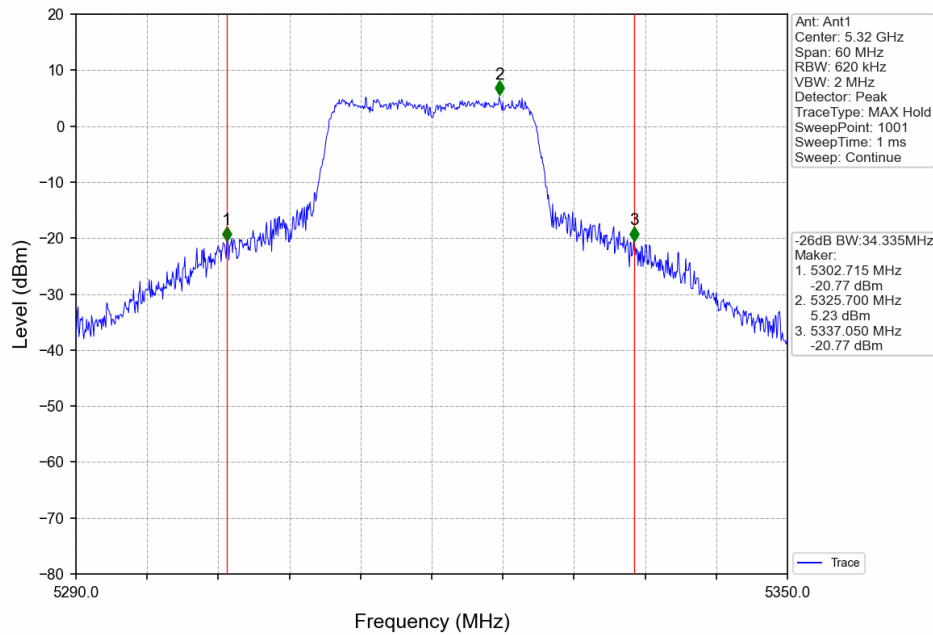
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



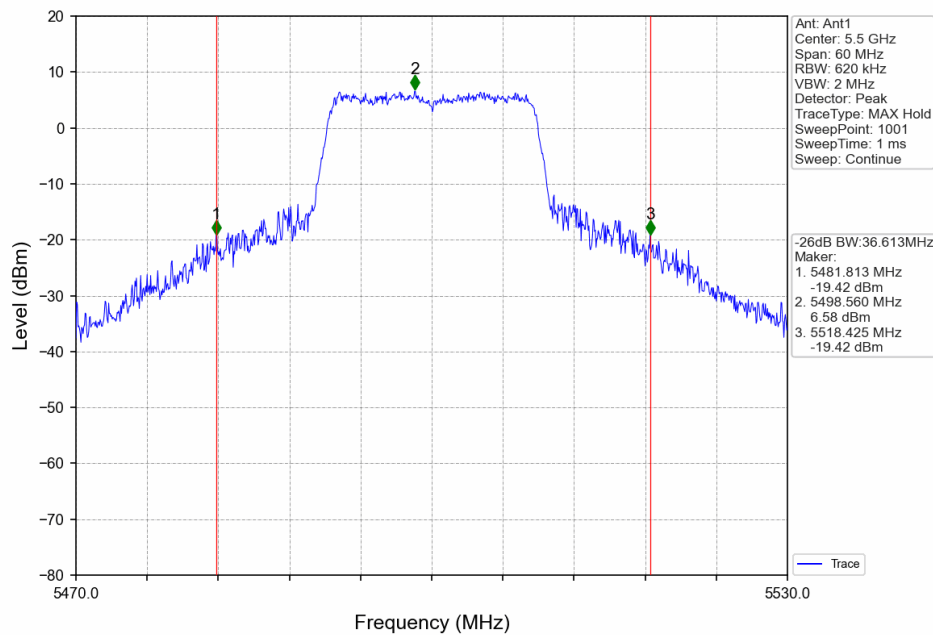
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



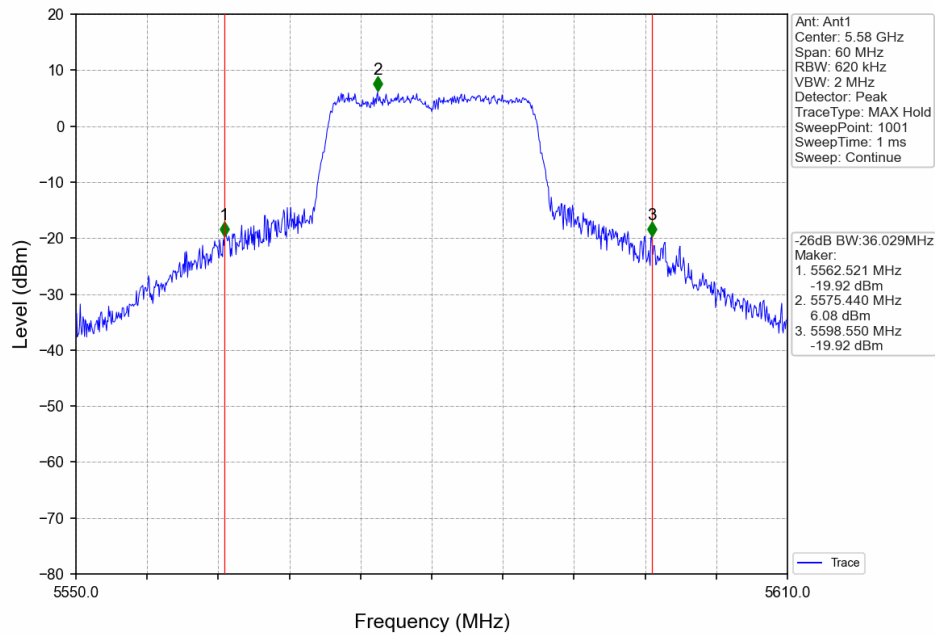
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



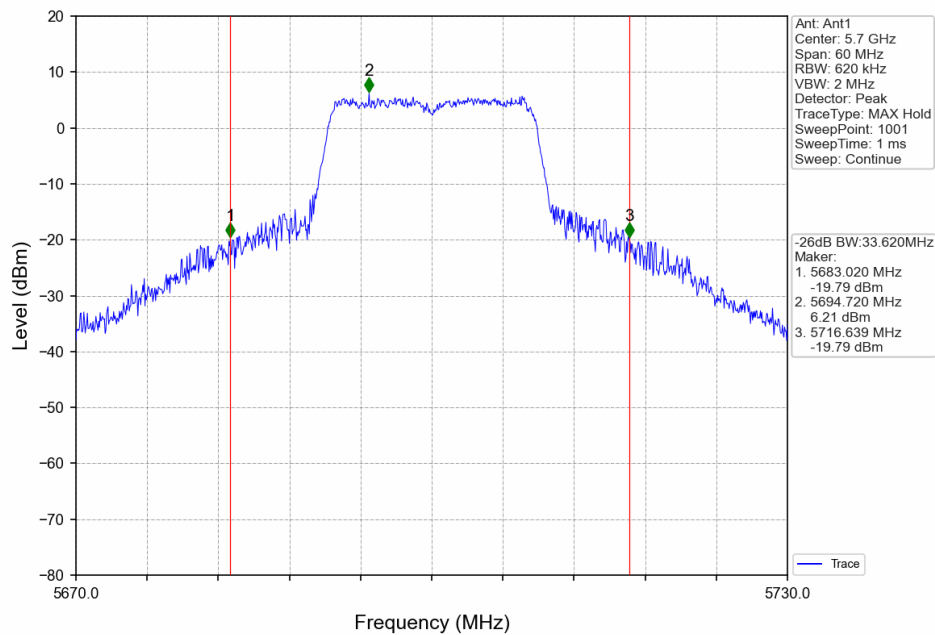
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### 802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



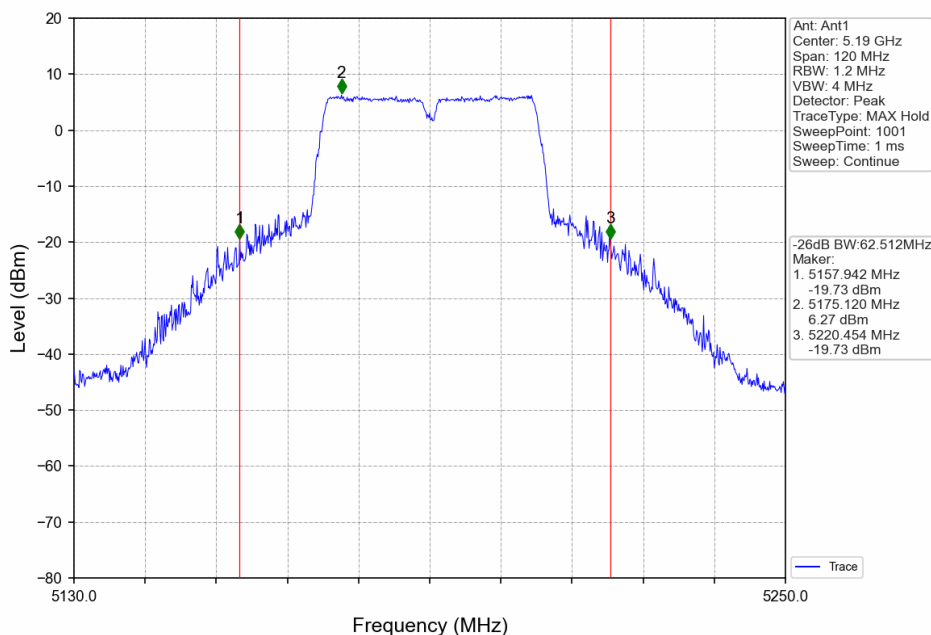
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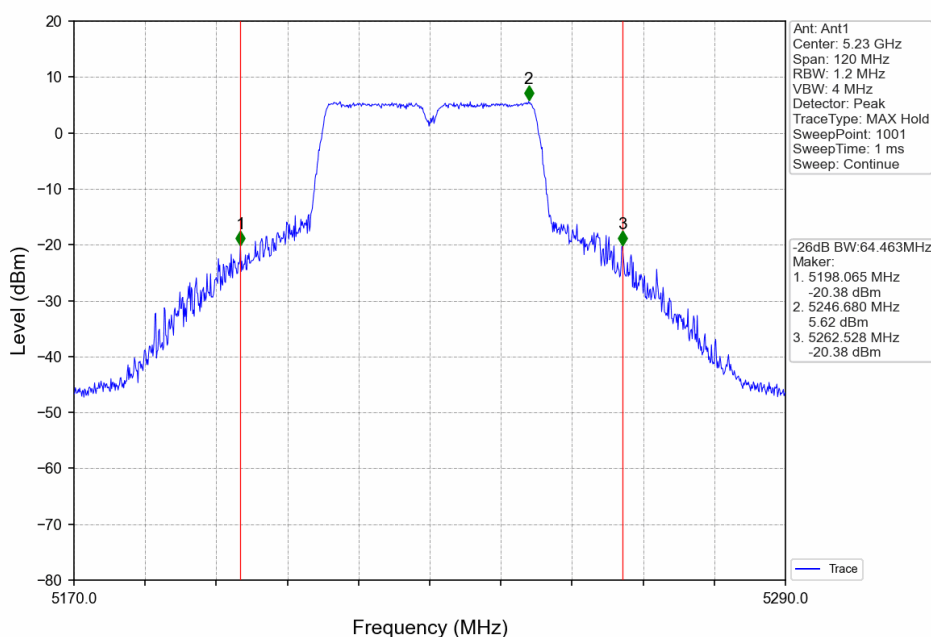
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802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



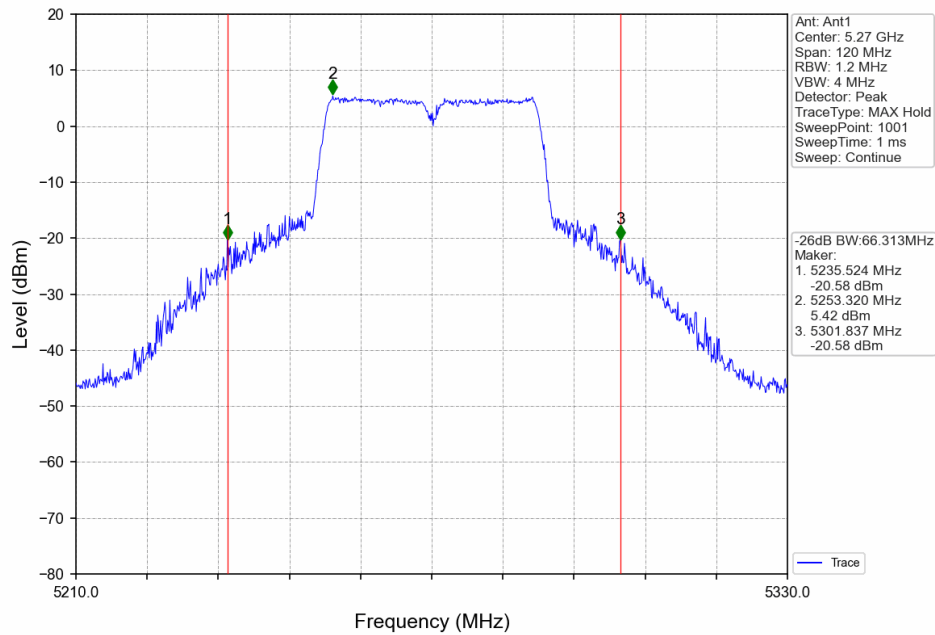
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



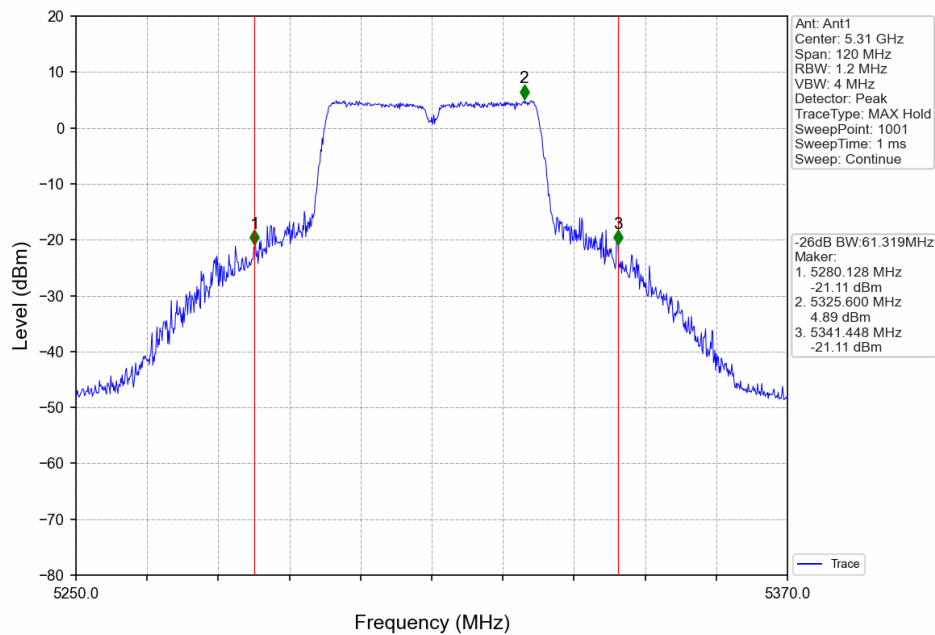
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



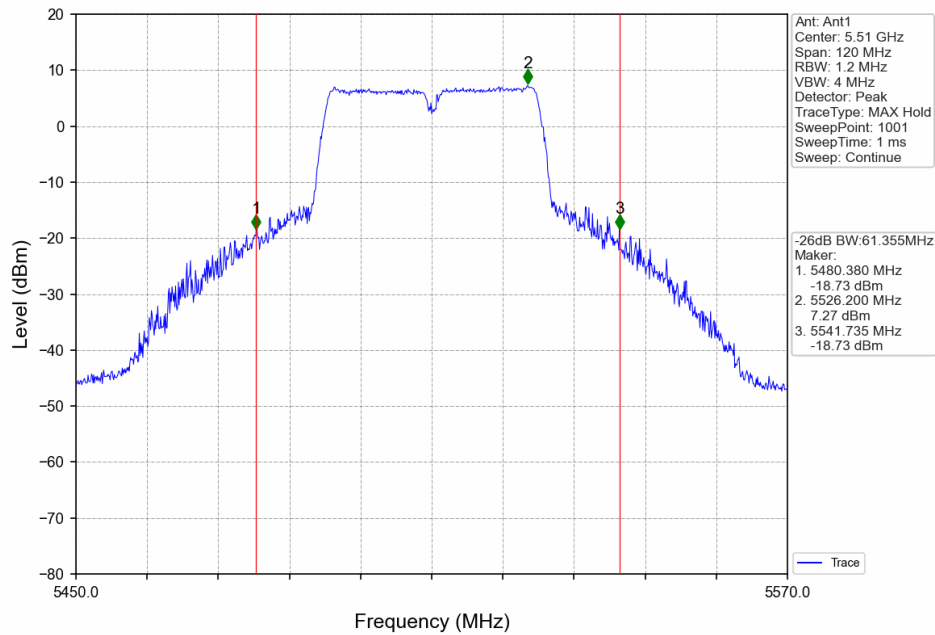
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



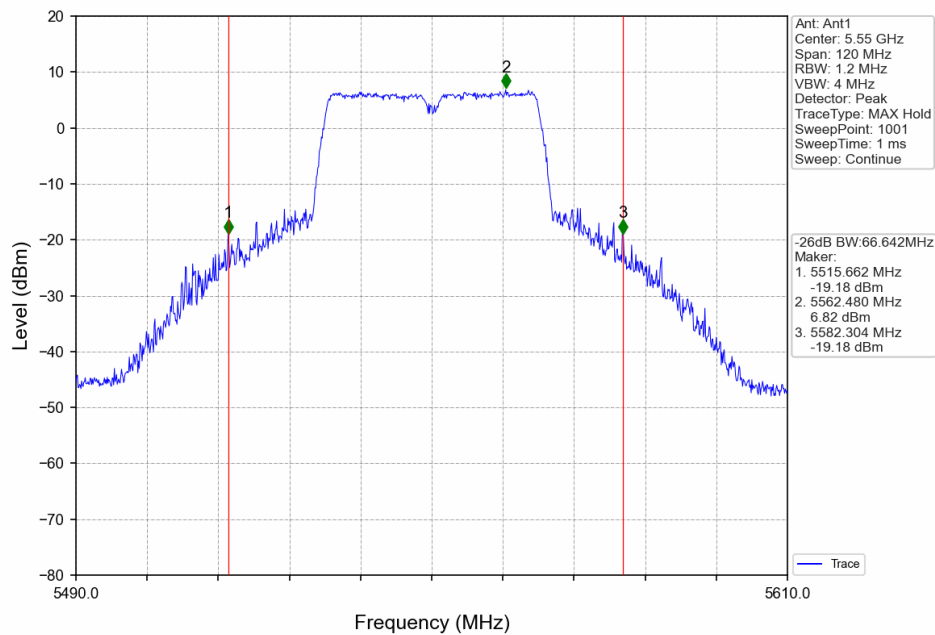
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### 802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



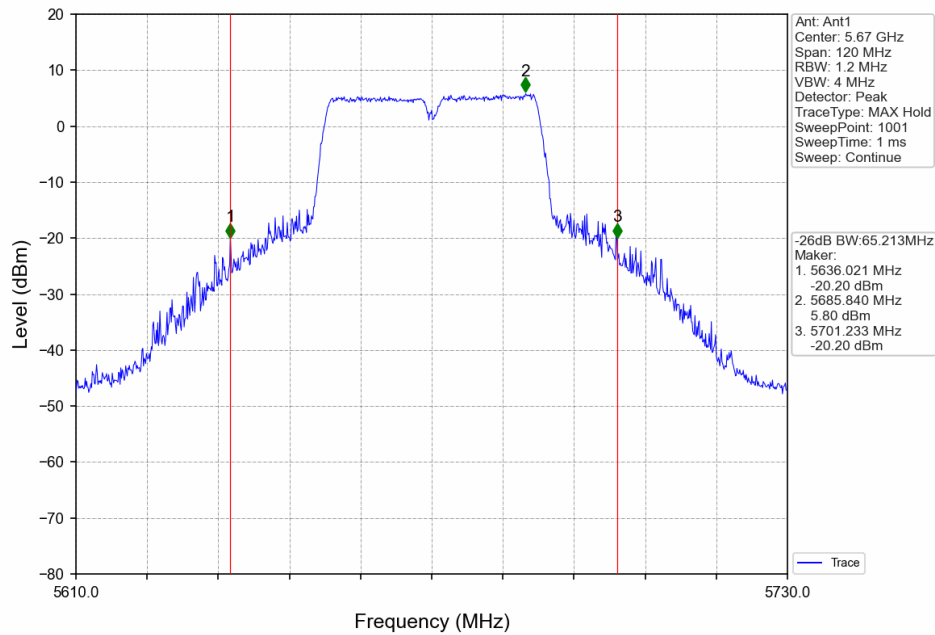
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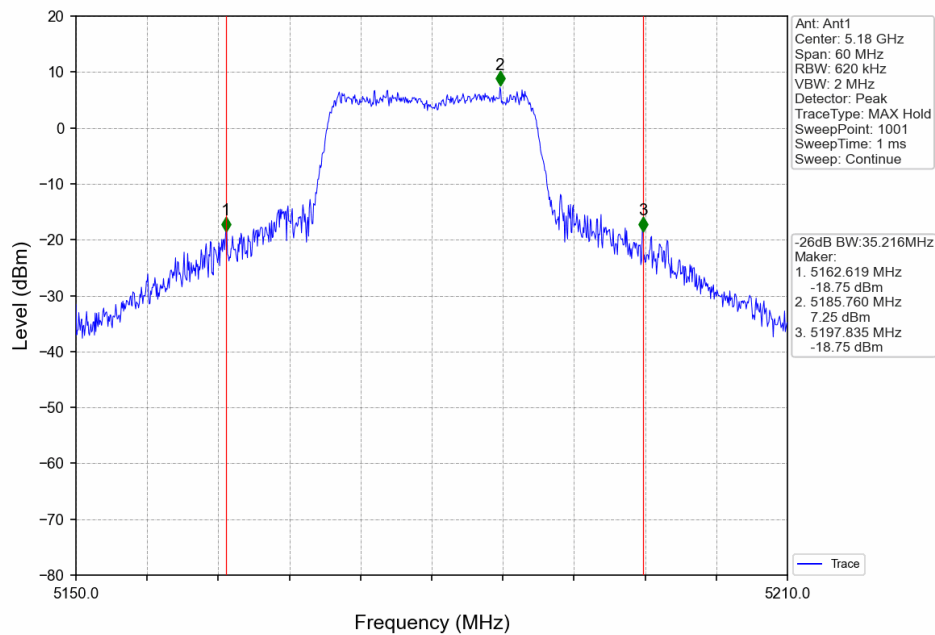
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### 802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



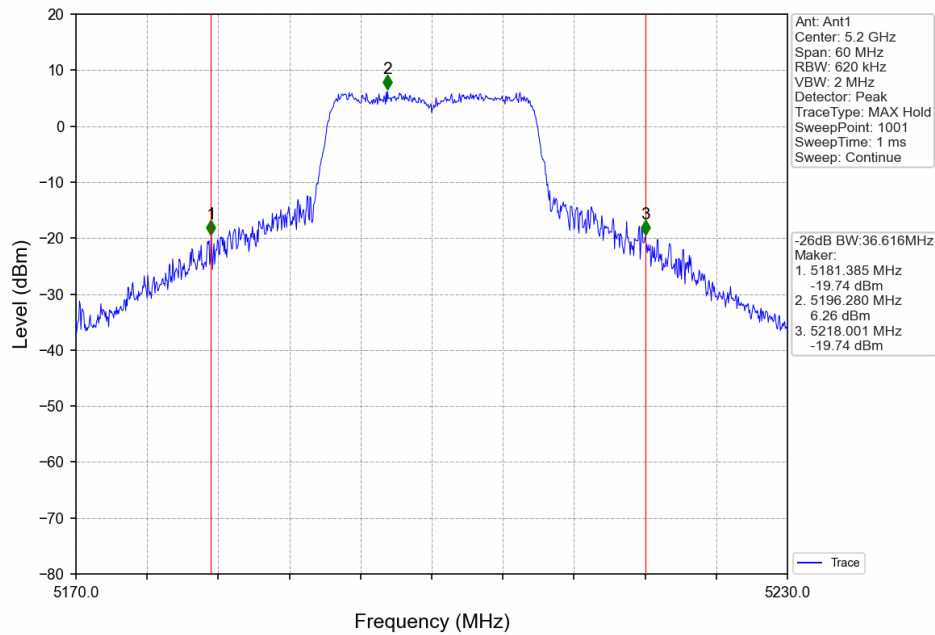
### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



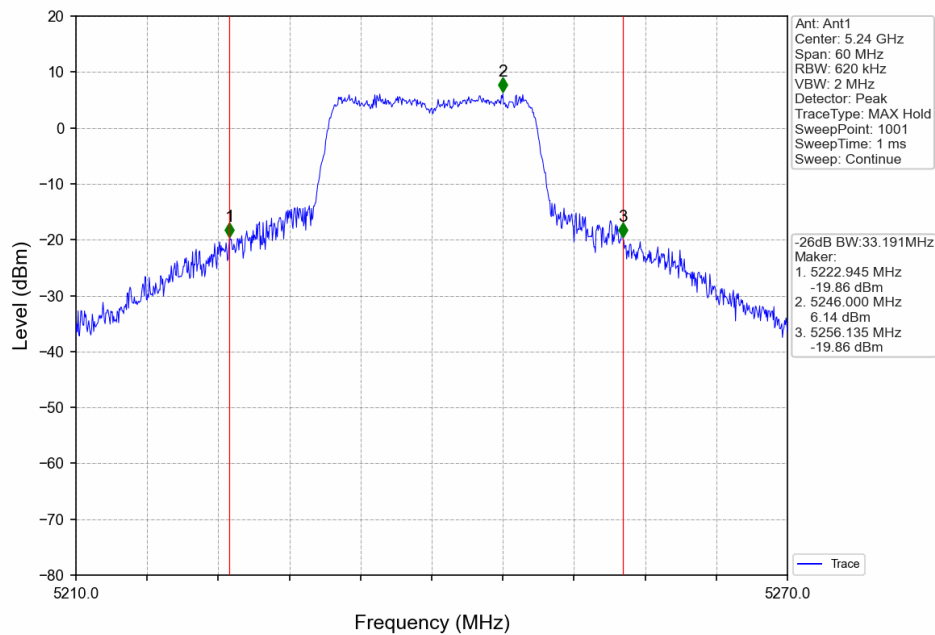
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### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



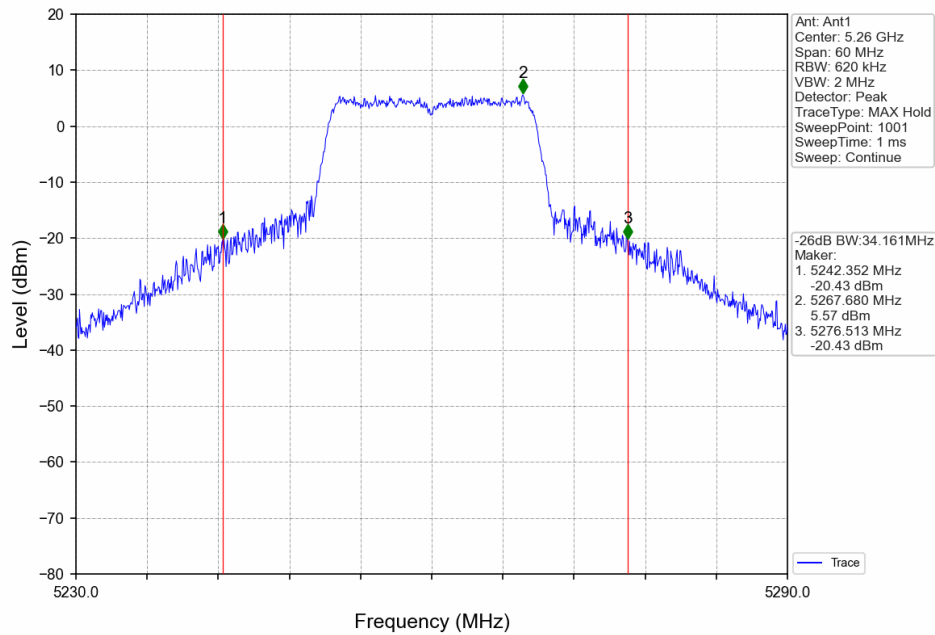
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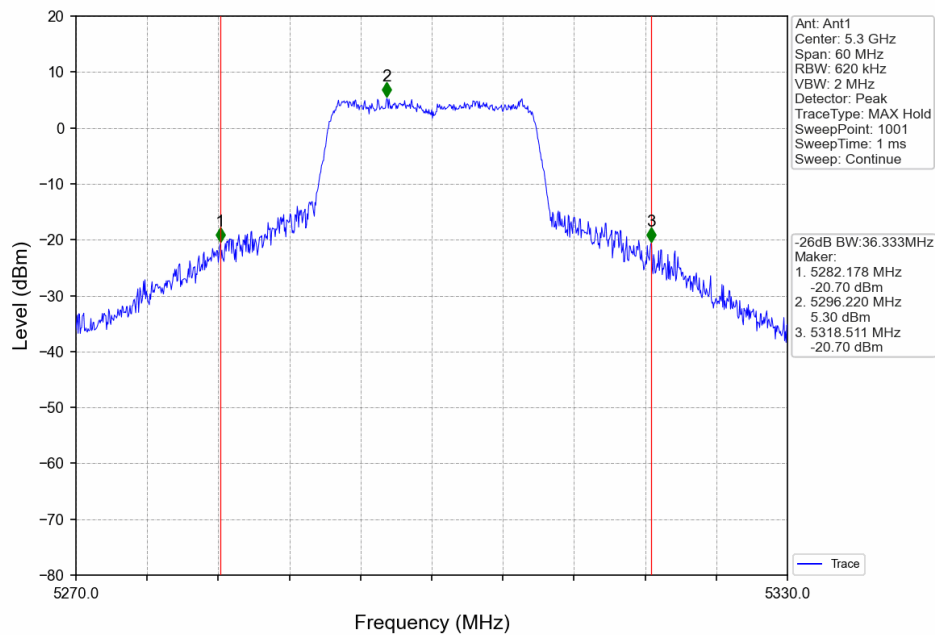
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### 802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



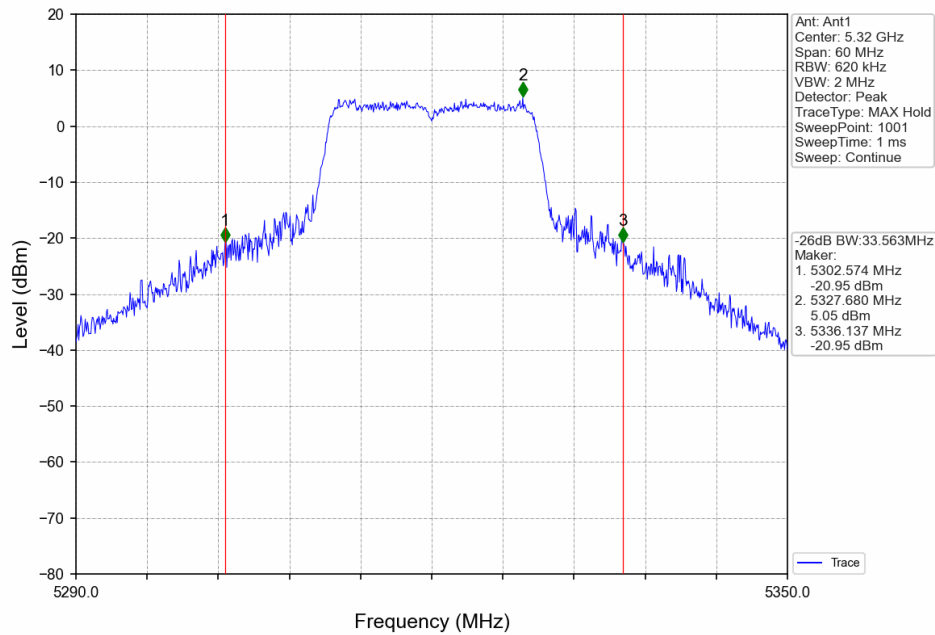
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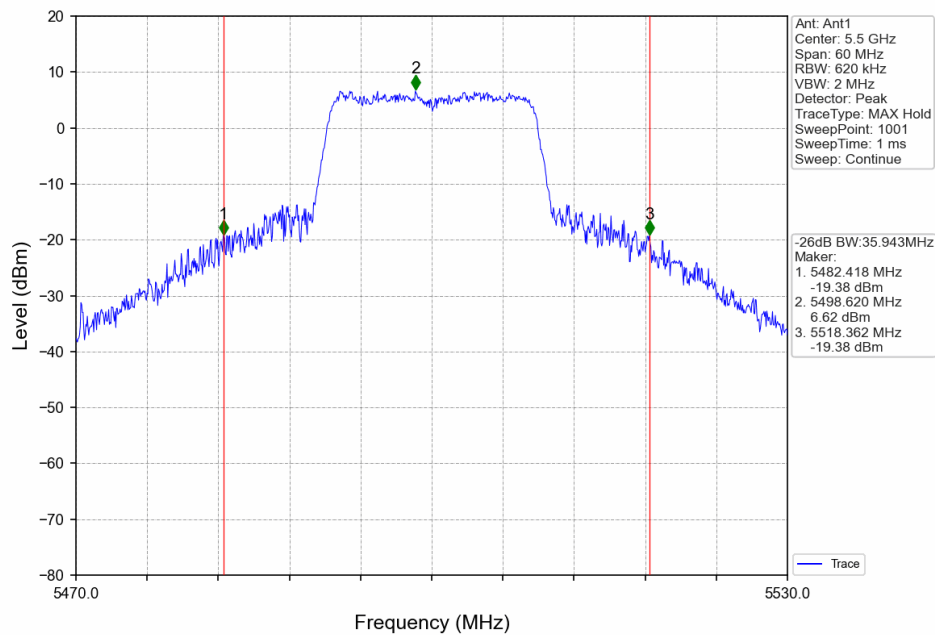
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

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



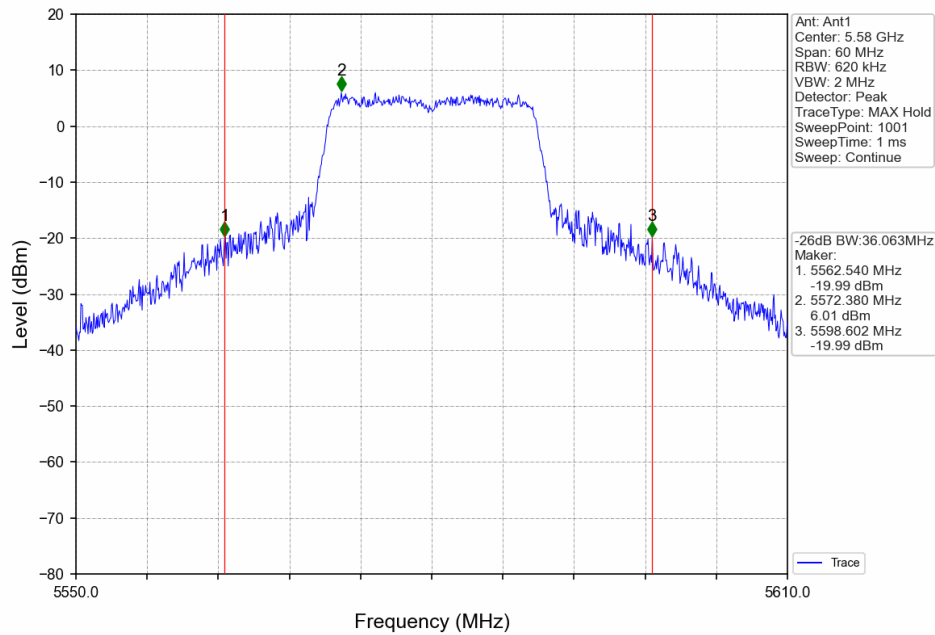
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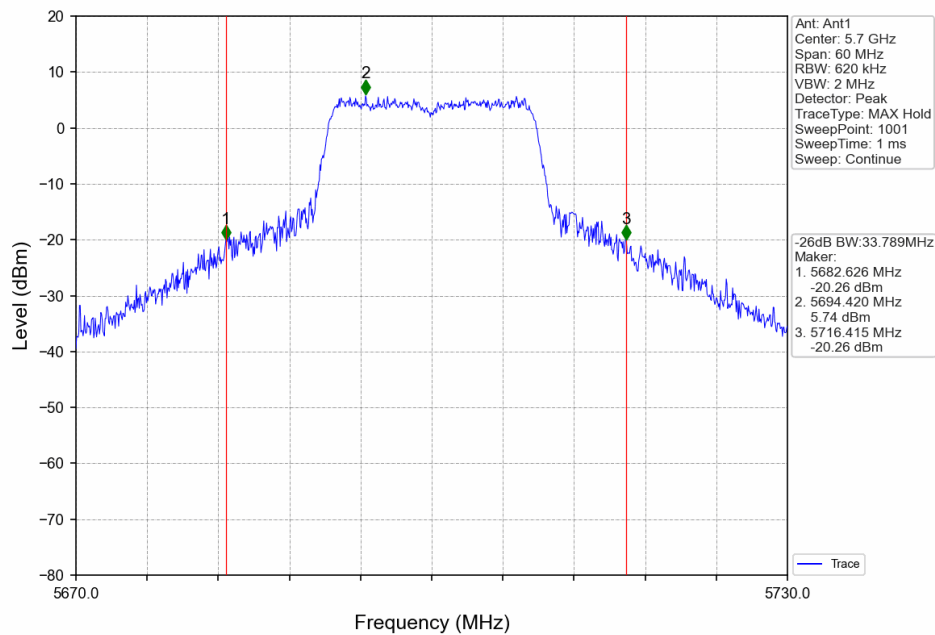
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### 802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



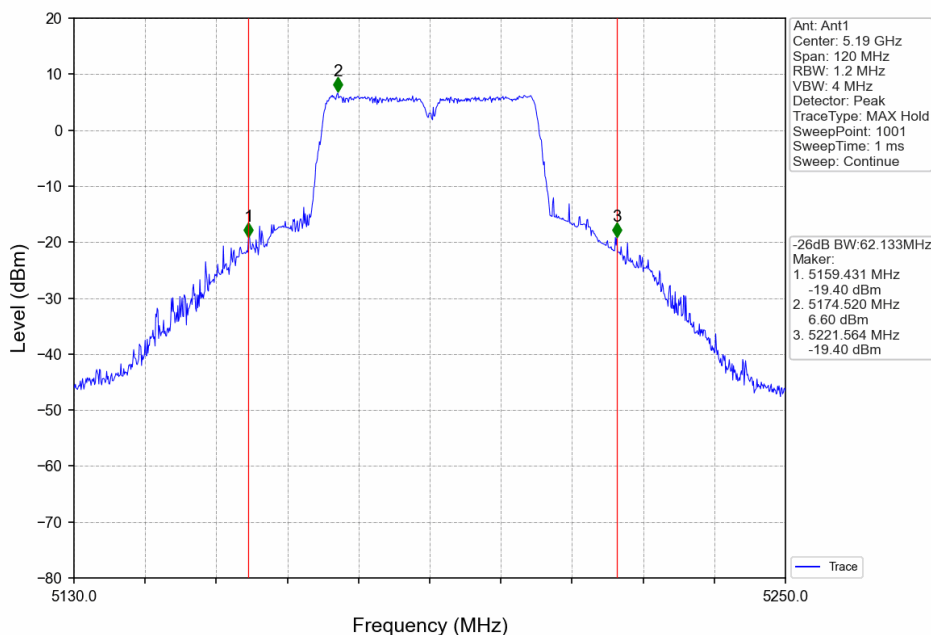
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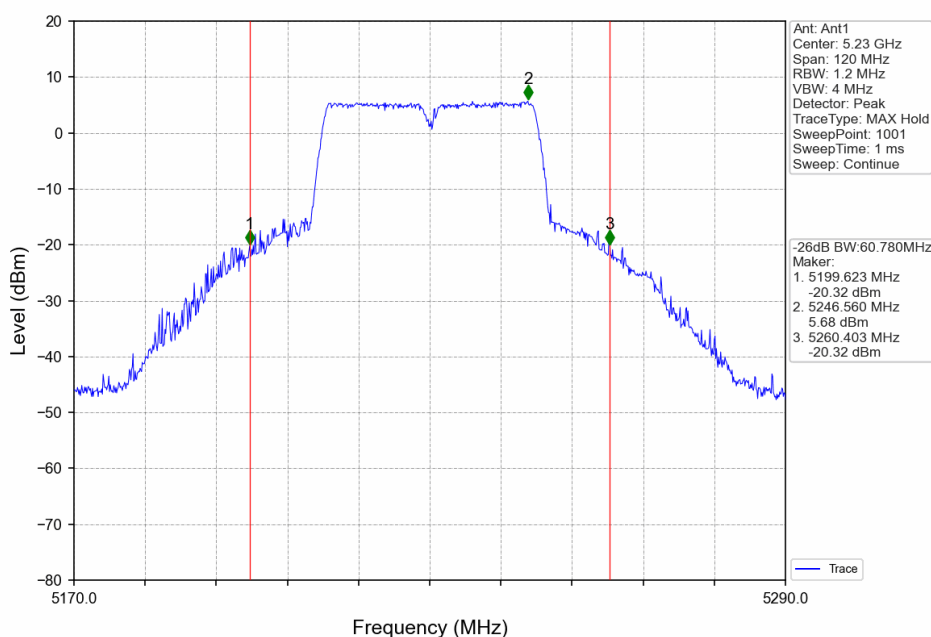
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### 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



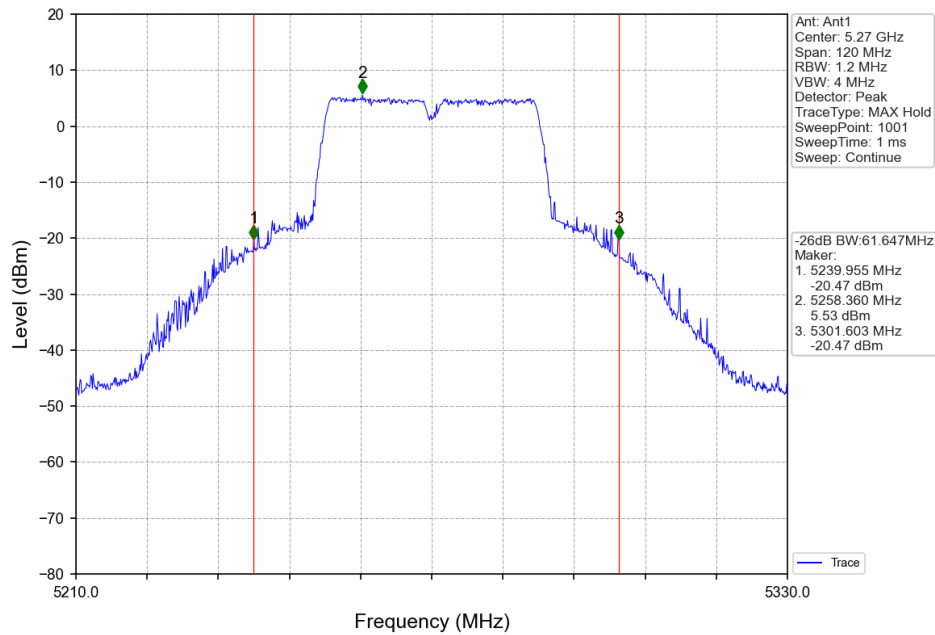
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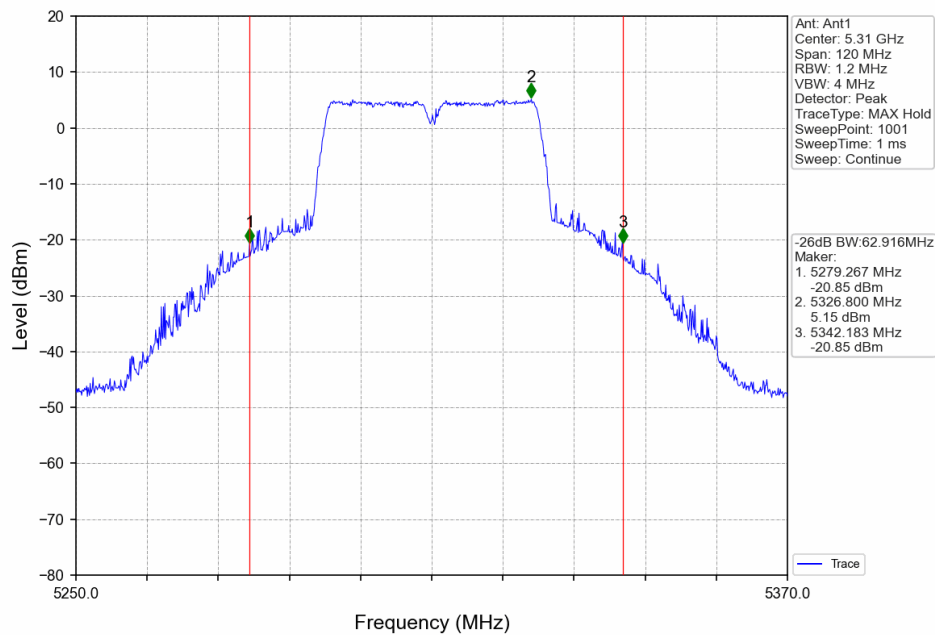
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### 802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



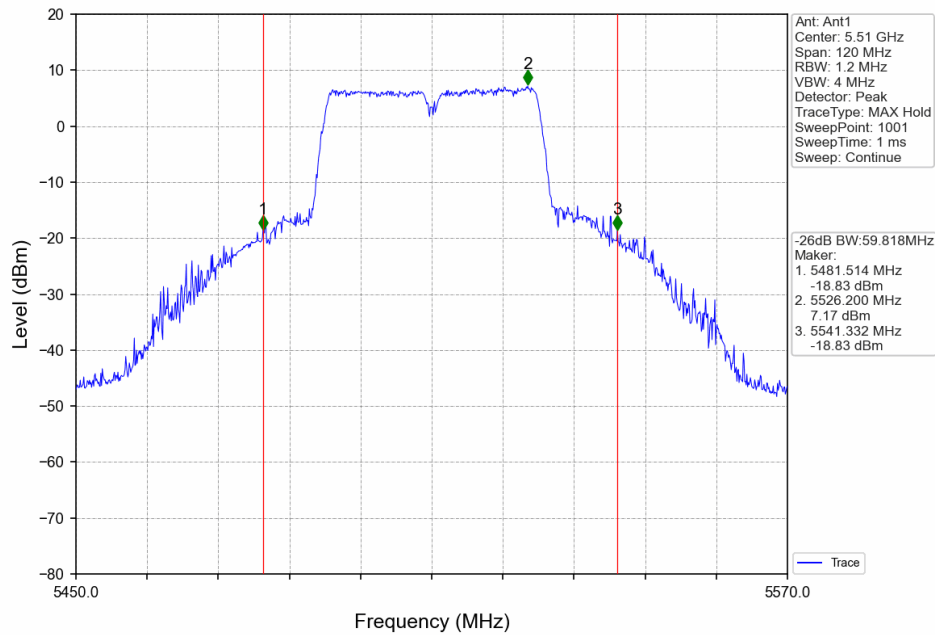
### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



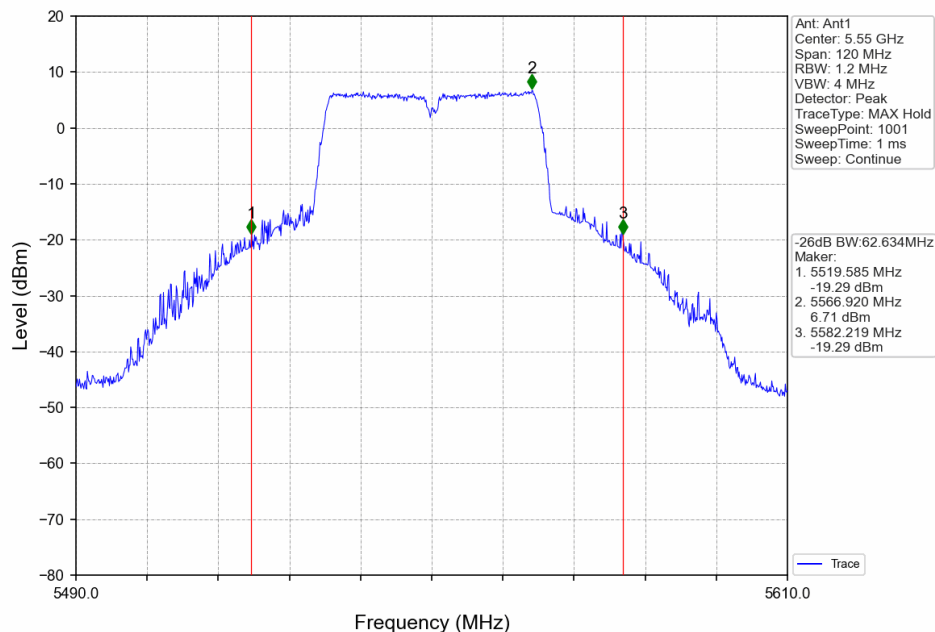
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### 802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



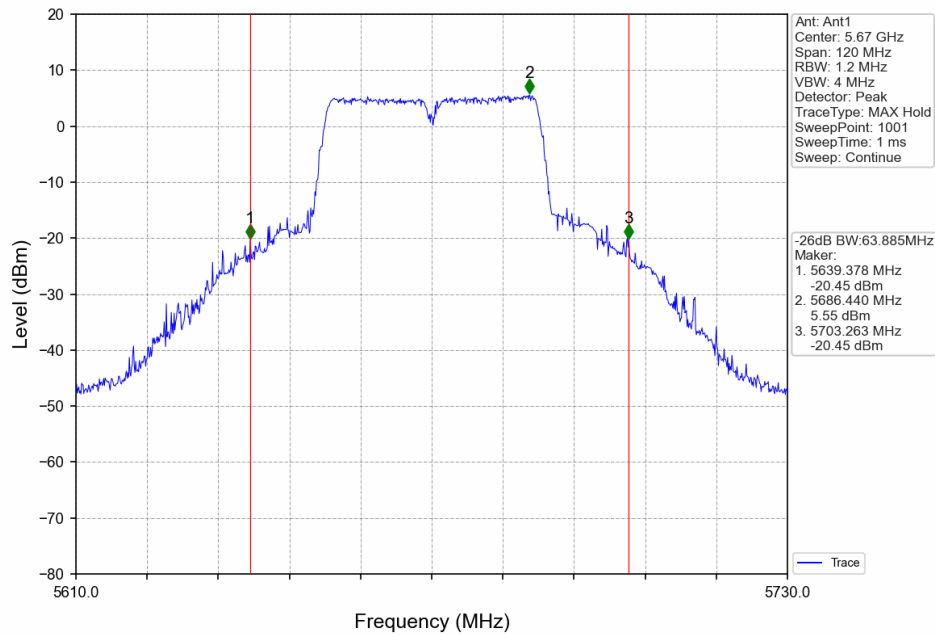
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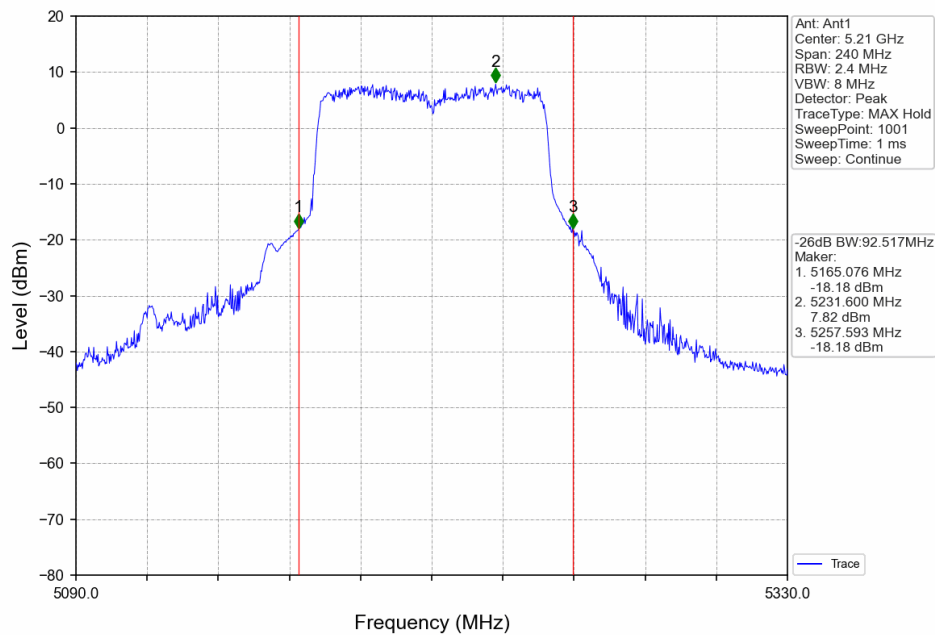
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### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



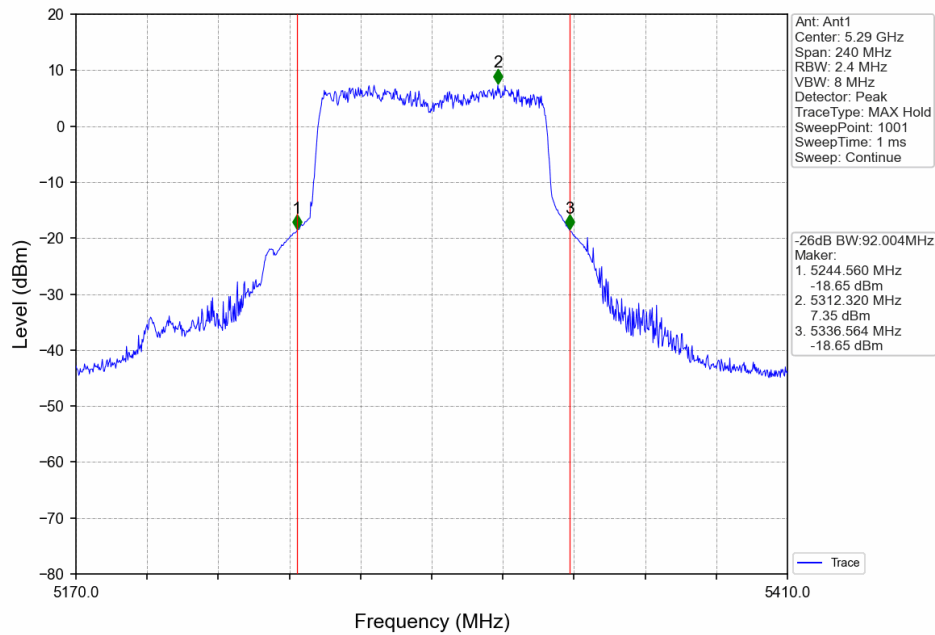
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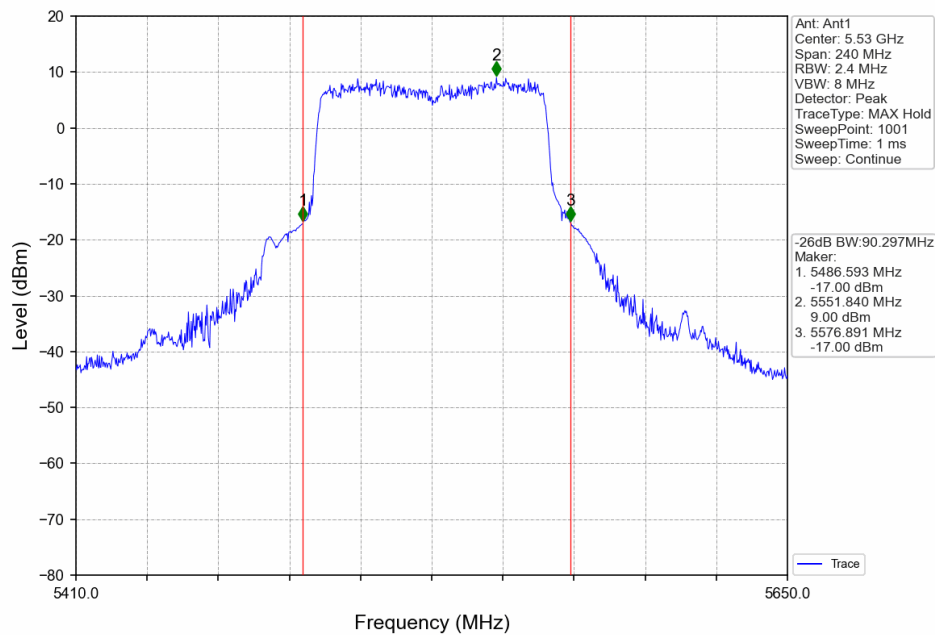
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### 802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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



## 3. Maximum Conducted Output Power

## 3.1 Power

## 3.1.1 Test Result

| Mode              | TX Type | Frequency (MHz) | Measured Average Output Power (dBm) |         | Verdict |
|-------------------|---------|-----------------|-------------------------------------|---------|---------|
|                   |         |                 | Ant1                                | Limit   |         |
| 802.11a           | SISO    | 5180            | 11.77                               | <=23.98 | Pass    |
|                   |         | 5200            | 11.48                               | <=23.98 | Pass    |
|                   |         | 5240            | 11.11                               | <=23.98 | Pass    |
|                   |         | 5260            | 10.92                               | <=23.98 | Pass    |
|                   |         | 5300            | 10.59                               | <=23.98 | Pass    |
|                   |         | 5320            | 10.40                               | <=23.98 | Pass    |
|                   |         | 5500            | 12.19                               | <=23.98 | Pass    |
|                   |         | 5580            | 11.36                               | <=23.98 | Pass    |
|                   |         | 5700            | 11.12                               | <=23.98 | Pass    |
|                   |         | 5745            | 11.27                               | <=30    | Pass    |
|                   |         | 5785            | 10.37                               | <=30    | Pass    |
|                   |         | 5825            | 9.69                                | <=30    | Pass    |
| 802.11n<br>(HT20) | SISO    | 5180            | 10.83                               | <=23.98 | Pass    |
|                   |         | 5200            | 10.53                               | <=23.98 | Pass    |
|                   |         | 5240            | 10.11                               | <=23.98 | Pass    |
|                   |         | 5260            | 9.92                                | <=23.98 | Pass    |
|                   |         | 5300            | 9.55                                | <=23.98 | Pass    |
|                   |         | 5320            | 9.47                                | <=23.98 | Pass    |
|                   |         | 5500            | 11.23                               | <=23.98 | Pass    |
|                   |         | 5580            | 10.52                               | <=23.98 | Pass    |
|                   |         | 5700            | 10.26                               | <=23.98 | Pass    |
|                   |         | 5745            | 10.41                               | <=30    | Pass    |
|                   |         | 5785            | 9.57                                | <=30    | Pass    |
|                   |         | 5825            | 9.76                                | <=30    | Pass    |
| 802.11n<br>(HT40) | SISO    | 5190            | 11.12                               | <=23.98 | Pass    |
|                   |         | 5230            | 10.54                               | <=23.98 | Pass    |
|                   |         | 5270            | 10.16                               | <=23.98 | Pass    |
|                   |         | 5310            | 9.83                                | <=23.98 | Pass    |
|                   |         | 5510            | 11.74                               | <=23.98 | Pass    |
|                   |         | 5550            | 11.28                               | <=23.98 | Pass    |
|                   |         | 5670            | 10.49                               | <=23.98 | Pass    |
|                   |         | 5755            | 10.62                               | <=30    | Pass    |



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|                     |      |      |       |         |      |
|---------------------|------|------|-------|---------|------|
|                     |      | 5795 | 9.75  | <=30    | Pass |
| 802.11ac<br>(VHT20) | SISO | 5180 | 11.17 | <=23.98 | Pass |
|                     |      | 5200 | 10.69 | <=23.98 | Pass |
|                     |      | 5240 | 10.30 | <=23.98 | Pass |
|                     |      | 5260 | 9.99  | <=23.98 | Pass |
|                     |      | 5300 | 9.74  | <=23.98 | Pass |
|                     |      | 5320 | 9.61  | <=23.98 | Pass |
|                     |      | 5500 | 11.16 | <=23.98 | Pass |
|                     |      | 5580 | 10.29 | <=23.98 | Pass |
|                     |      | 5700 | 9.99  | <=23.98 | Pass |
|                     |      | 5745 | 10.35 | <=30    | Pass |
|                     |      | 5785 | 9.48  | <=30    | Pass |
|                     |      | 5825 | 9.64  | <=30    | Pass |
| 802.11ac<br>(VHT40) | SISO | 5190 | 11.26 | <=23.98 | Pass |
|                     |      | 5230 | 10.66 | <=23.98 | Pass |
|                     |      | 5270 | 10.24 | <=23.98 | Pass |
|                     |      | 5310 | 9.87  | <=23.98 | Pass |
|                     |      | 5510 | 11.63 | <=23.98 | Pass |
|                     |      | 5550 | 11.25 | <=23.98 | Pass |
|                     |      | 5670 | 10.40 | <=23.98 | Pass |
|                     |      | 5755 | 10.42 | <=30    | Pass |
|                     |      | 5795 | 9.50  | <=30    | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 10.92 | <=23.98 | Pass |
|                     |      | 5290 | 10.29 | <=23.98 | Pass |
|                     |      | 5530 | 11.83 | <=23.98 | Pass |
|                     |      | 5775 | 10.03 | <=30    | Pass |

Note1: Antenna Gain: Ant1: 1.50dBi;



## 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            | 0.57                  | <=11  | Pass    |
|                     |         | 5200            | -0.11                 | <=11  | Pass    |
|                     |         | 5240            | -0.23                 | <=11  | Pass    |
|                     |         | 5260            | -0.36                 | <=11  | Pass    |
|                     |         | 5300            | -0.72                 | <=11  | Pass    |
|                     |         | 5320            | -0.80                 | <=11  | Pass    |
|                     |         | 5500            | 1.09                  | <=11  | Pass    |
|                     |         | 5580            | 0.05                  | <=11  | Pass    |
|                     |         | 5700            | -0.25                 | <=11  | Pass    |
| 802.11n<br>(HT20)   | SISO    | 5180            | -0.67                 | <=11  | Pass    |
|                     |         | 5200            | -0.97                 | <=11  | Pass    |
|                     |         | 5240            | -1.31                 | <=11  | Pass    |
|                     |         | 5260            | -1.57                 | <=11  | Pass    |
|                     |         | 5300            | -1.87                 | <=11  | Pass    |
|                     |         | 5320            | -1.96                 | <=11  | Pass    |
|                     |         | 5500            | -0.06                 | <=11  | Pass    |
|                     |         | 5580            | -0.82                 | <=11  | Pass    |
|                     |         | 5700            | -1.34                 | <=11  | Pass    |
| 802.11n<br>(HT40)   | SISO    | 5190            | -3.07                 | <=11  | Pass    |
|                     |         | 5230            | -3.71                 | <=11  | Pass    |
|                     |         | 5270            | -4.30                 | <=11  | Pass    |
|                     |         | 5310            | -4.44                 | <=11  | Pass    |
|                     |         | 5510            | -2.52                 | <=11  | Pass    |
|                     |         | 5550            | -3.09                 | <=11  | Pass    |
|                     |         | 5670            | -3.75                 | <=11  | Pass    |
| 802.11ac<br>(VHT20) | SISO    | 5180            | -0.35                 | <=11  | Pass    |
|                     |         | 5200            | -0.41                 | <=11  | Pass    |
|                     |         | 5240            | -1.10                 | <=11  | Pass    |
|                     |         | 5260            | -1.49                 | <=11  | Pass    |
|                     |         | 5300            | -1.68                 | <=11  | Pass    |
|                     |         | 5320            | -1.97                 | <=11  | Pass    |
|                     |         | 5500            | -0.27                 | <=11  | Pass    |
|                     |         | 5580            | -1.12                 | <=11  | Pass    |



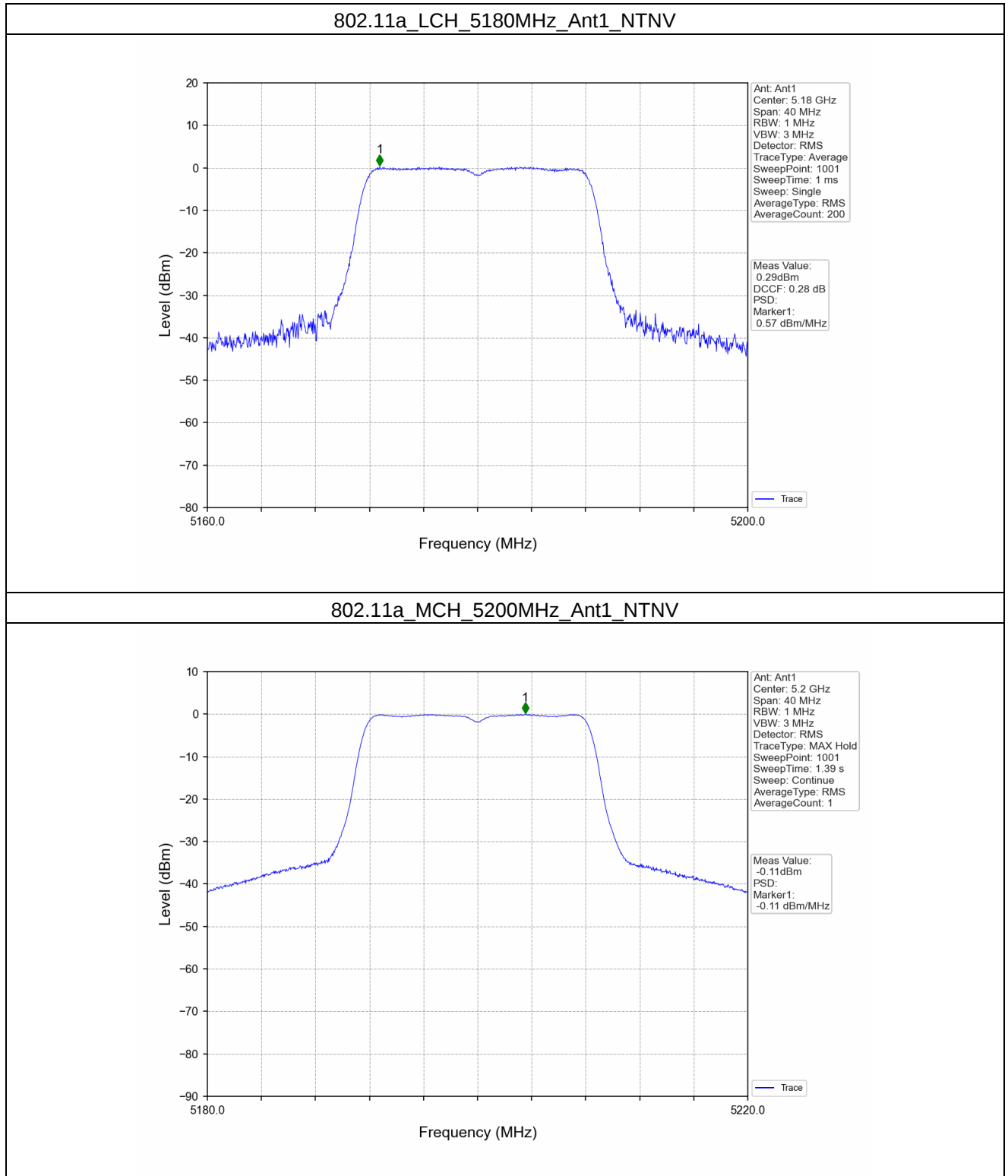
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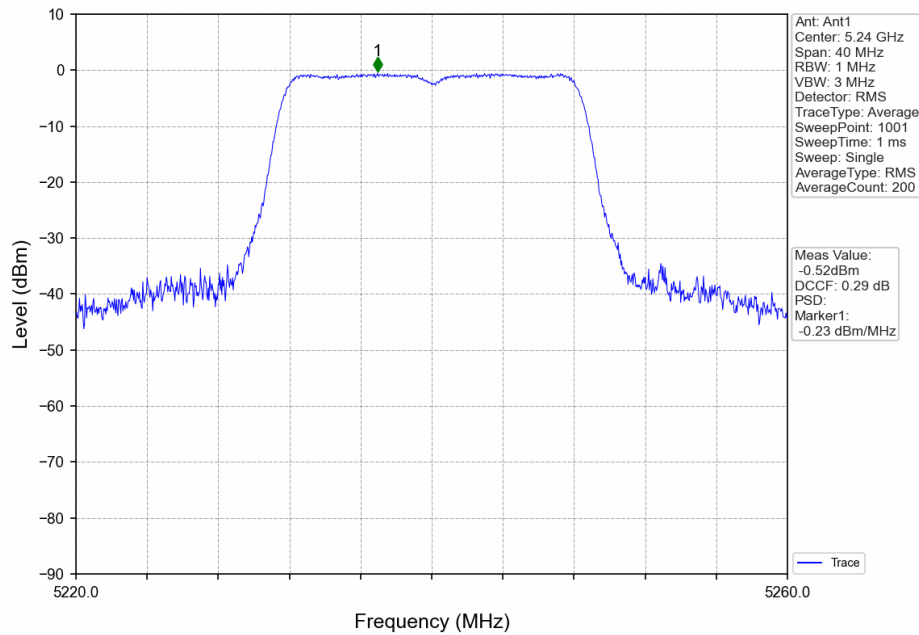
|                                     |      |      |       |      |      |
|-------------------------------------|------|------|-------|------|------|
|                                     |      | 5700 | -1.51 | <=11 | Pass |
| 802.11ac<br>(VHT40)                 | SISO | 5190 | -3.13 | <=11 | Pass |
|                                     |      | 5230 | -3.79 | <=11 | Pass |
|                                     |      | 5270 | -4.05 | <=11 | Pass |
|                                     |      | 5310 | -4.55 | <=11 | Pass |
|                                     |      | 5510 | -2.84 | <=11 | Pass |
|                                     |      | 5550 | -3.28 | <=11 | Pass |
|                                     |      | 5670 | -3.90 | <=11 | Pass |
|                                     |      |      |       |      |      |
| 802.11ac<br>(VHT80)                 | SISO | 5210 | -6.05 | <=11 | Pass |
|                                     |      | 5290 | -7.19 | <=11 | Pass |
|                                     |      | 5530 | -5.62 | <=11 | Pass |
| Note1: Antenna Gain: Ant1: 1.50dBi; |      |      |       |      |      |



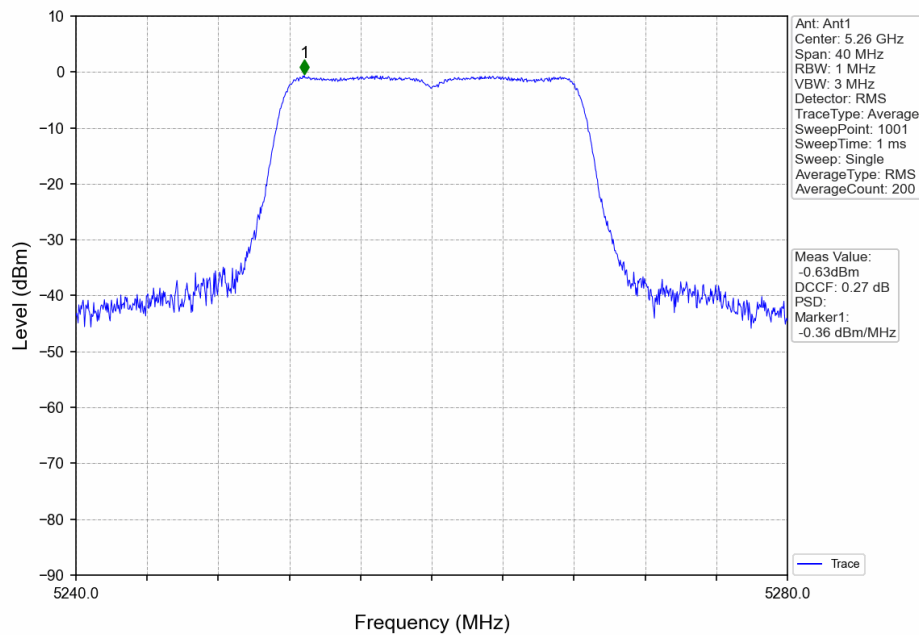
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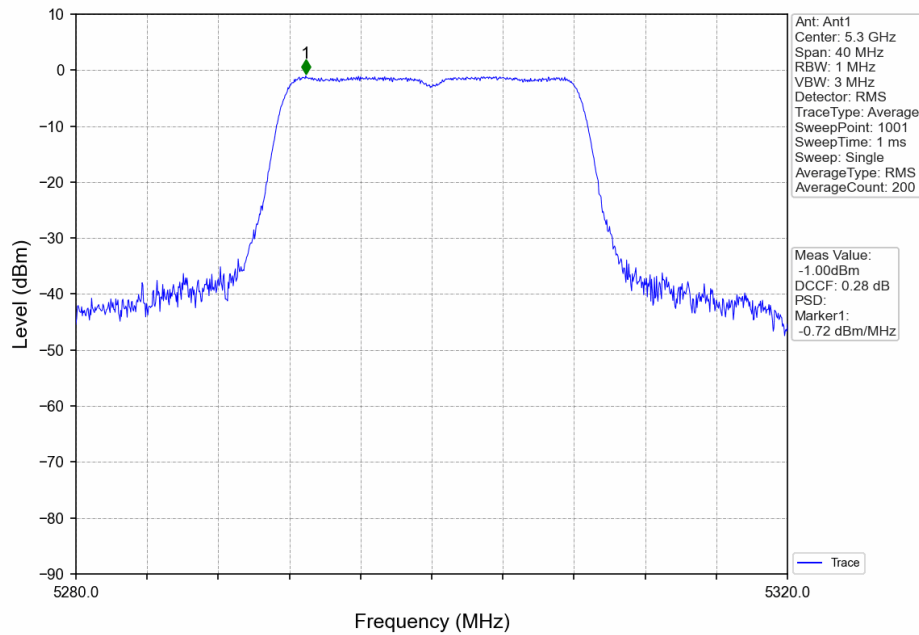
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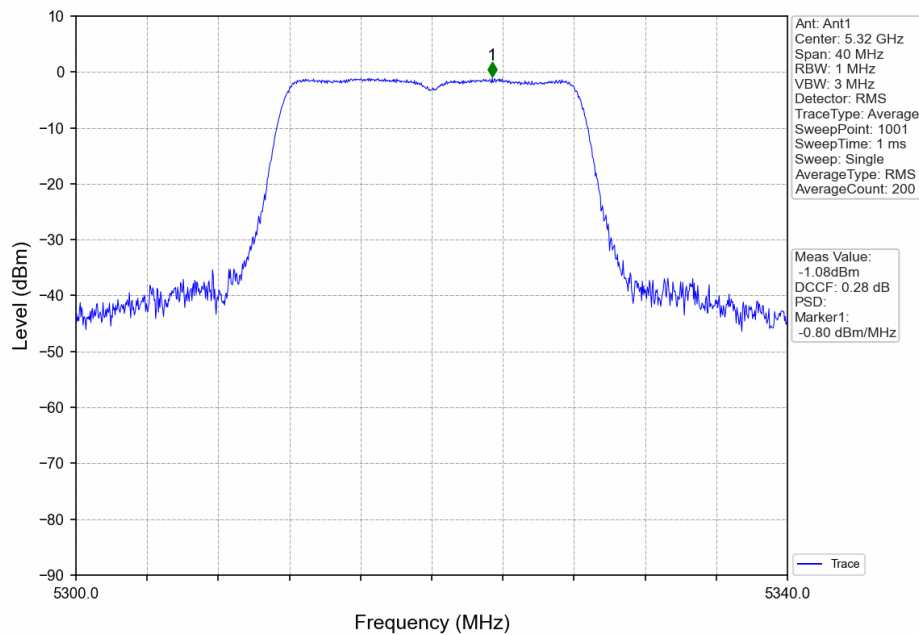
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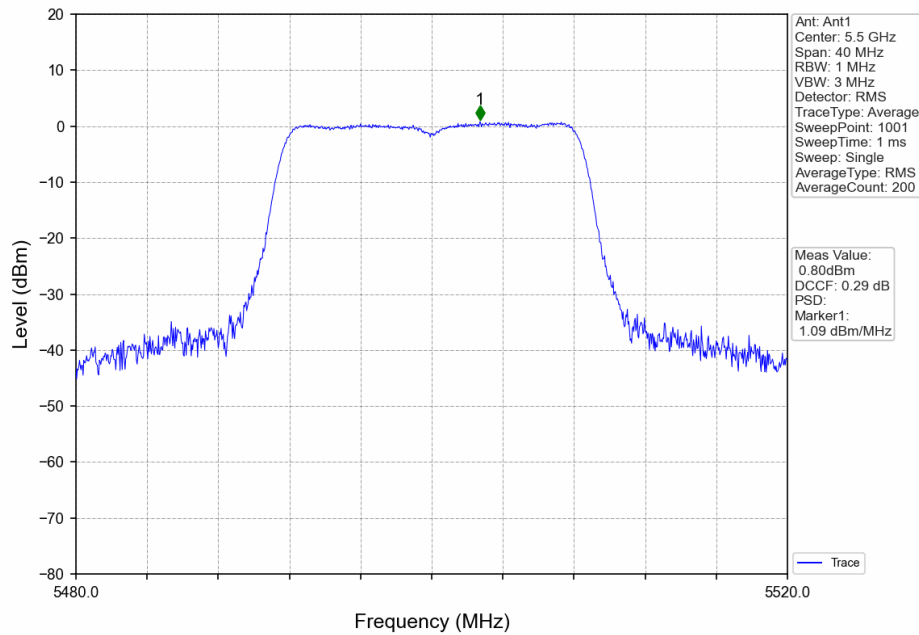
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



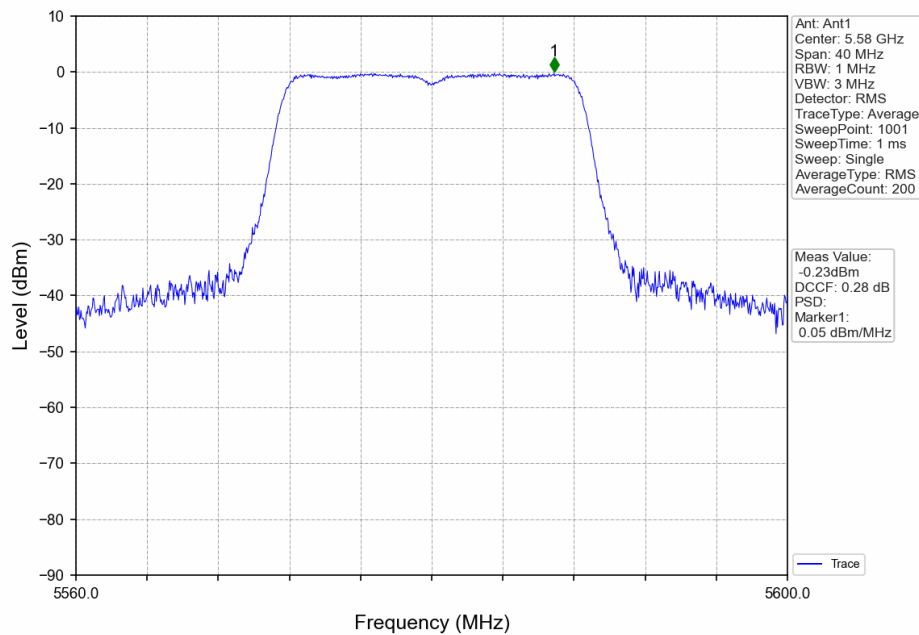
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



802.11a\_LCH\_5500MHz\_Ant1\_NTNV



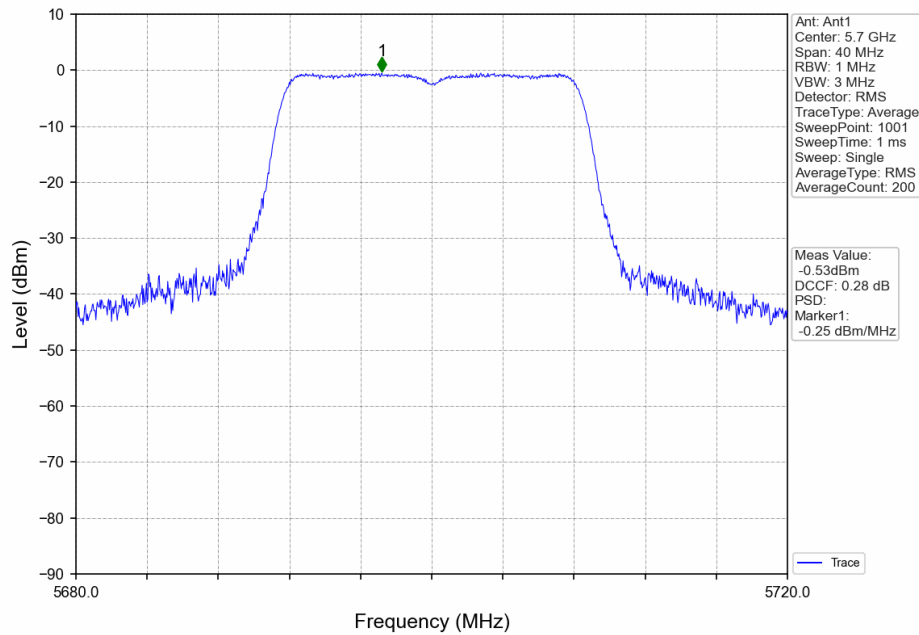
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



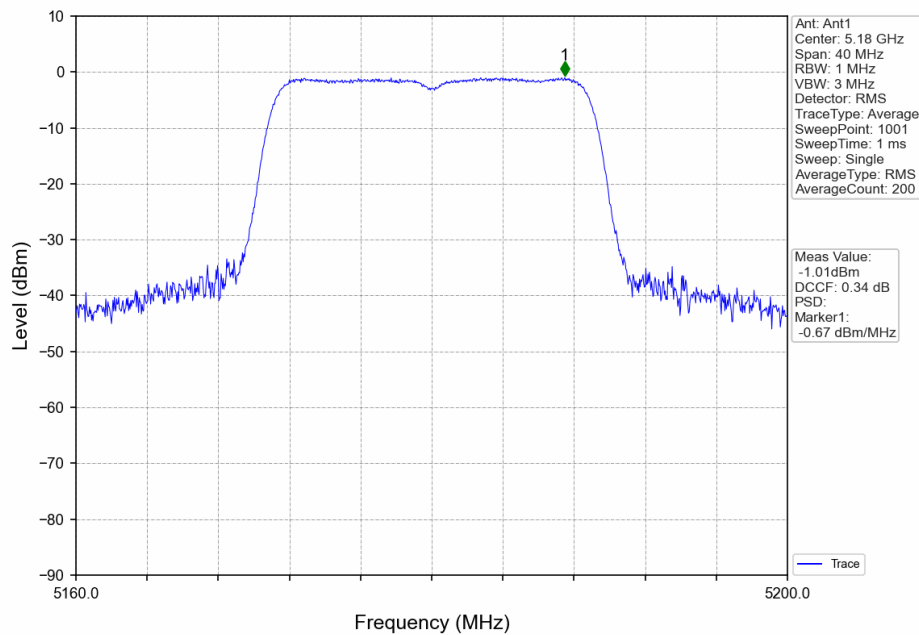
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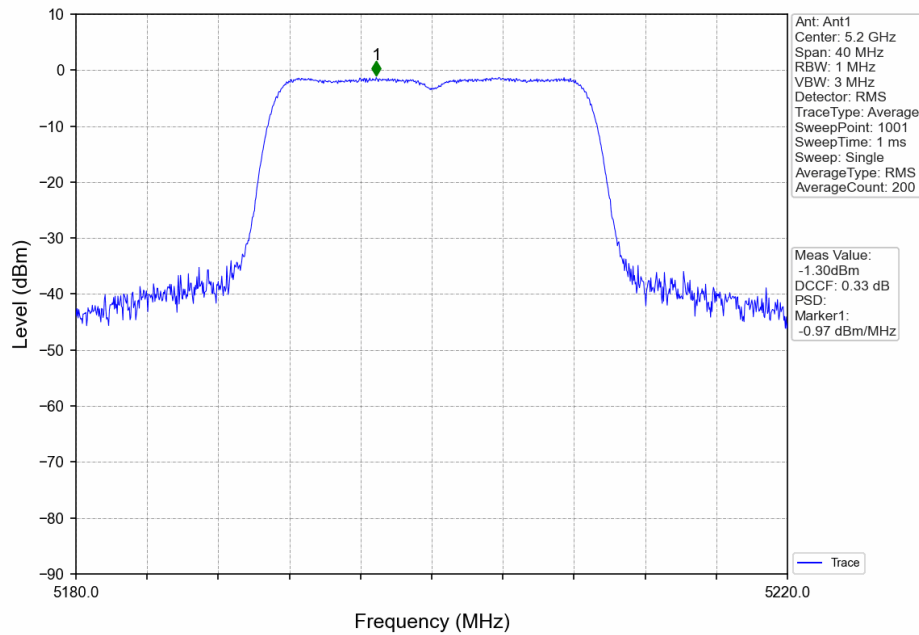
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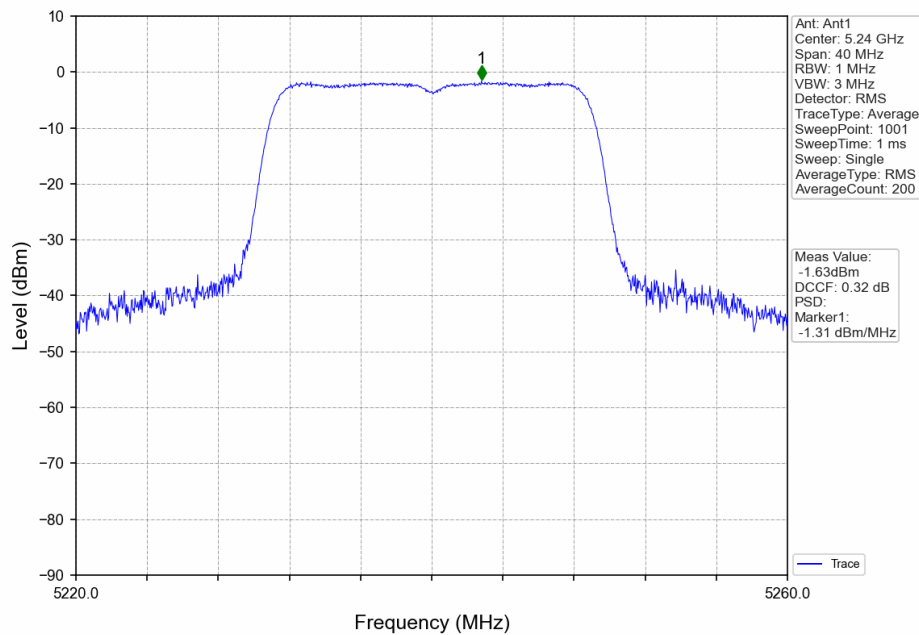
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802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



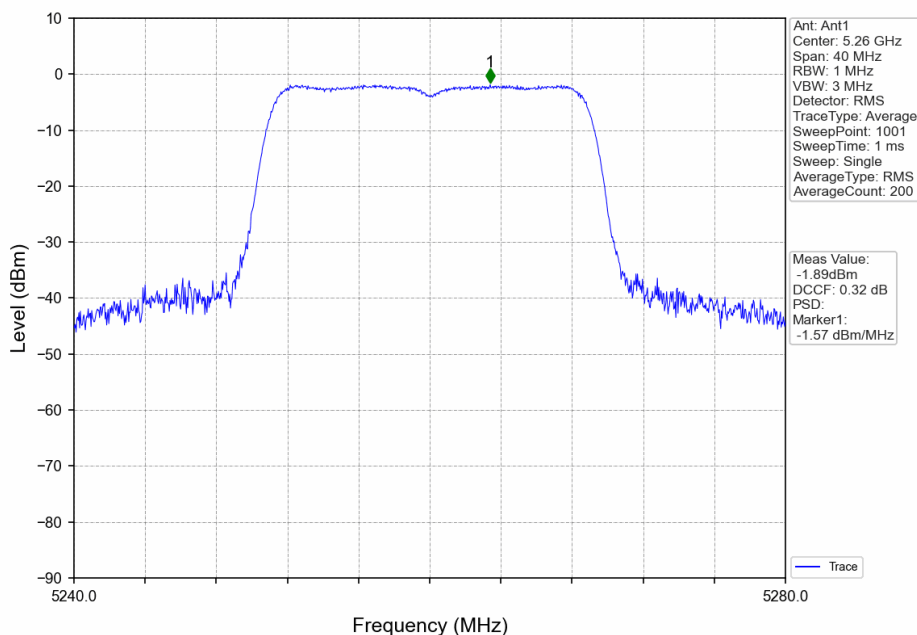
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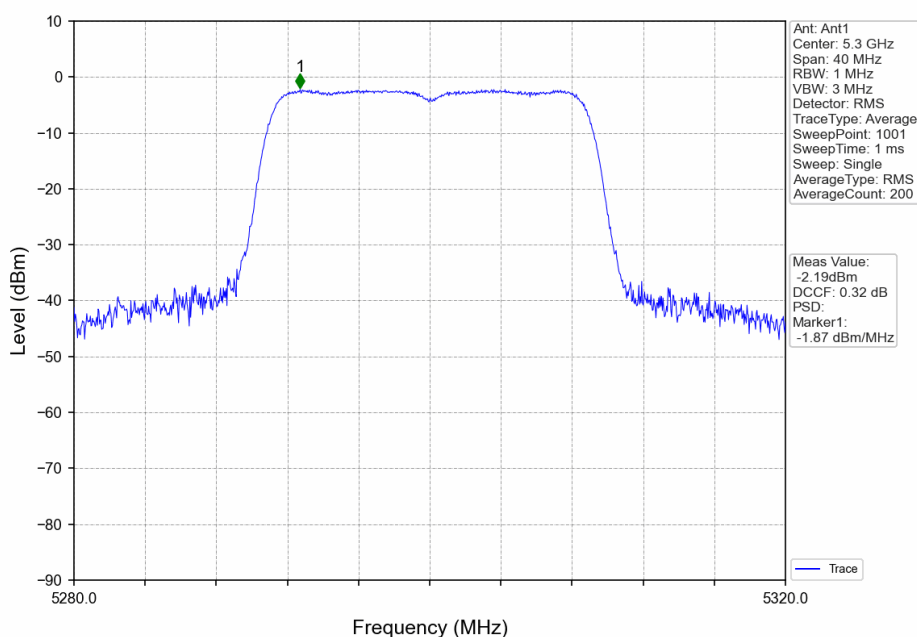
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802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



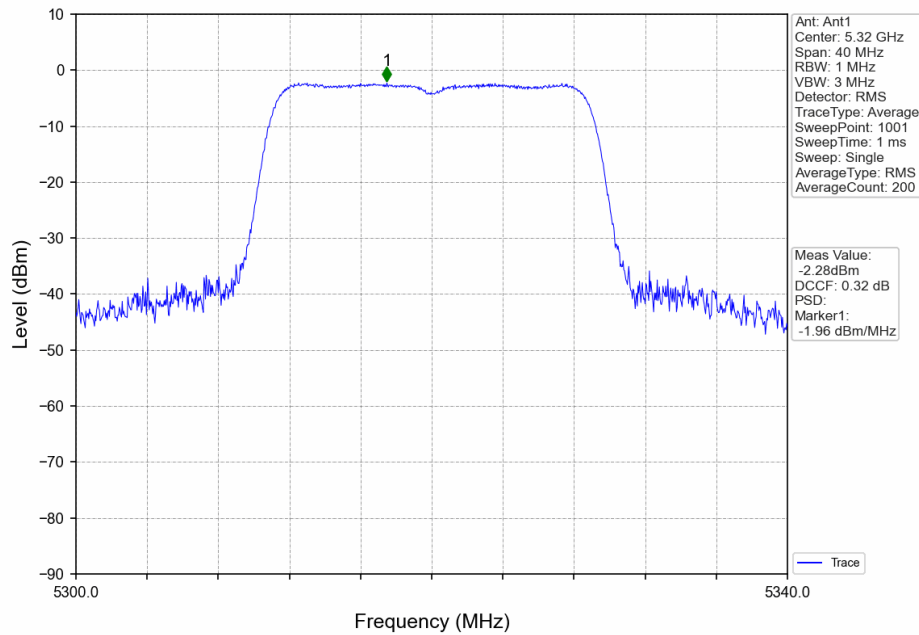
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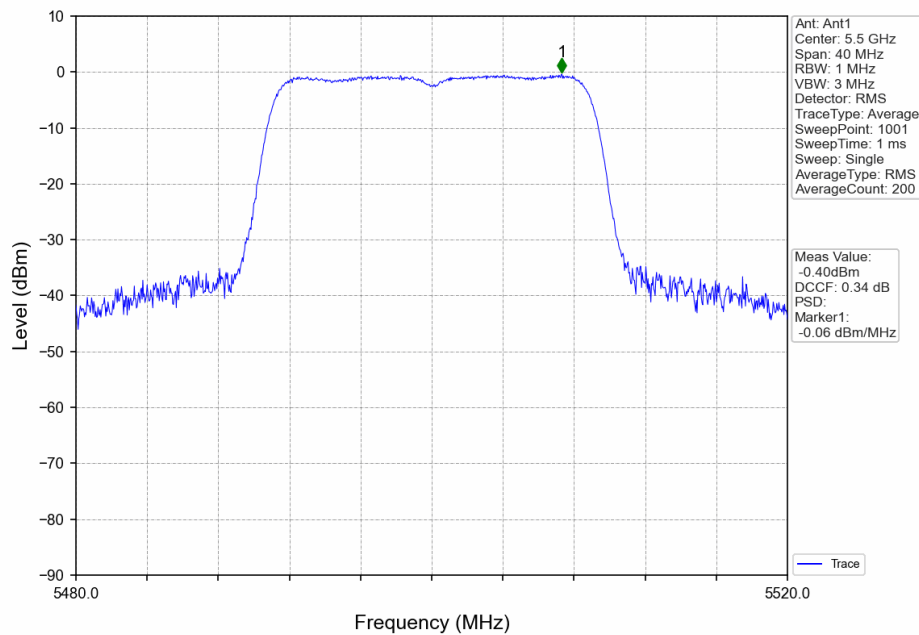
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802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



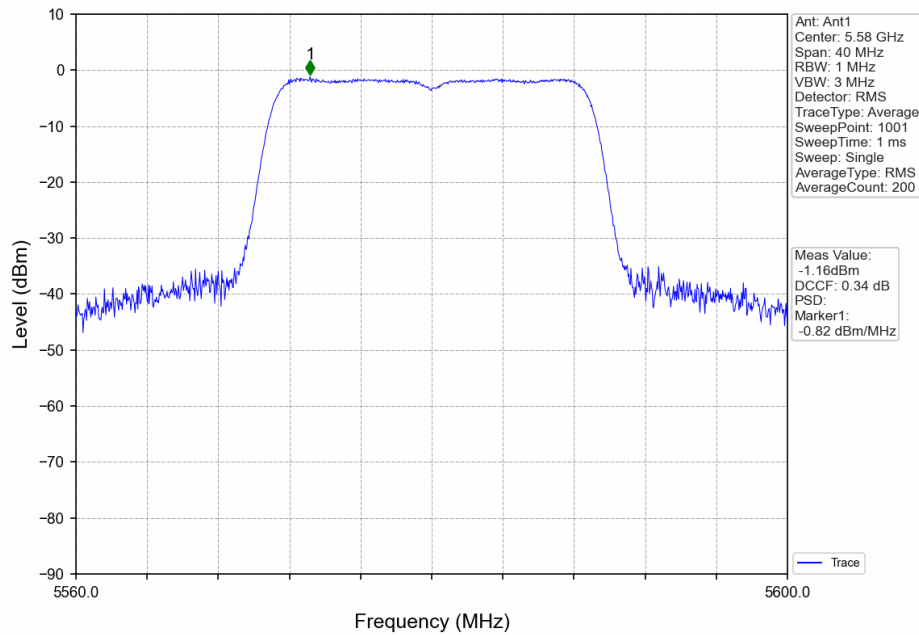
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



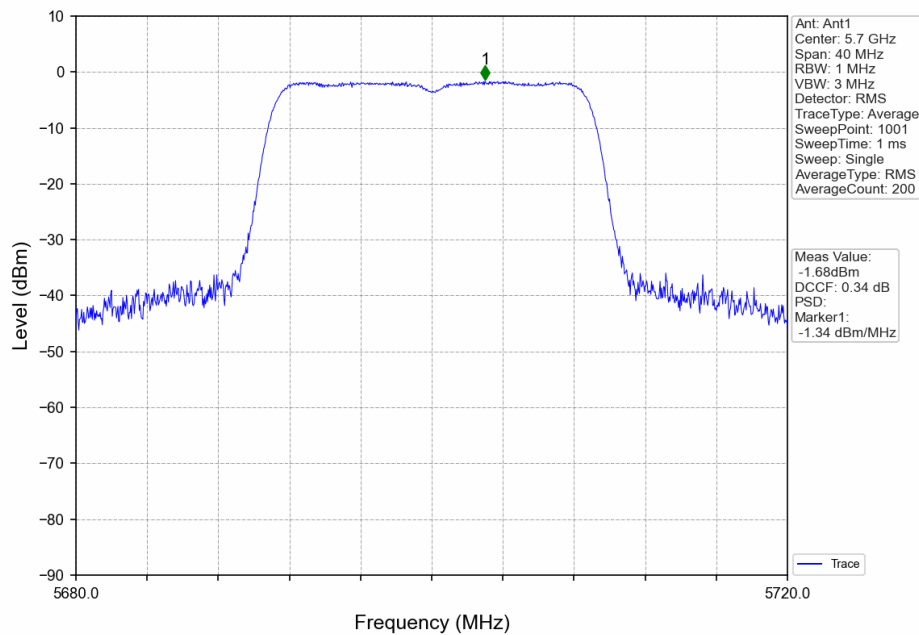
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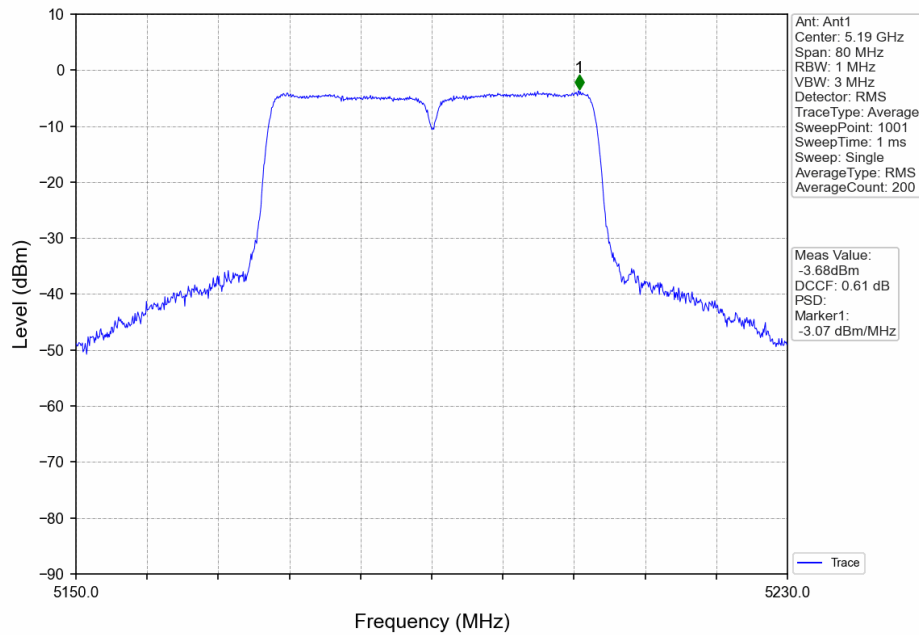
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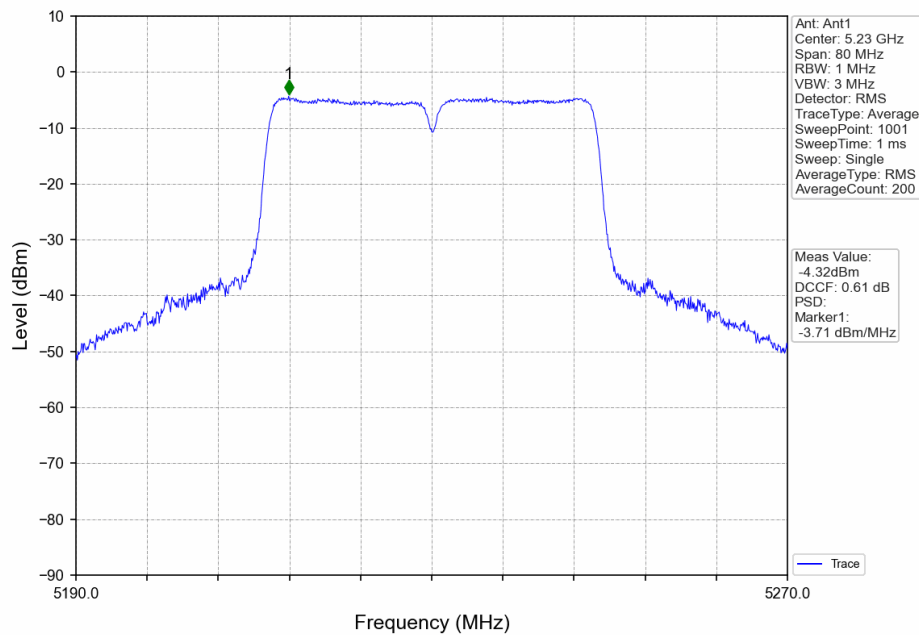
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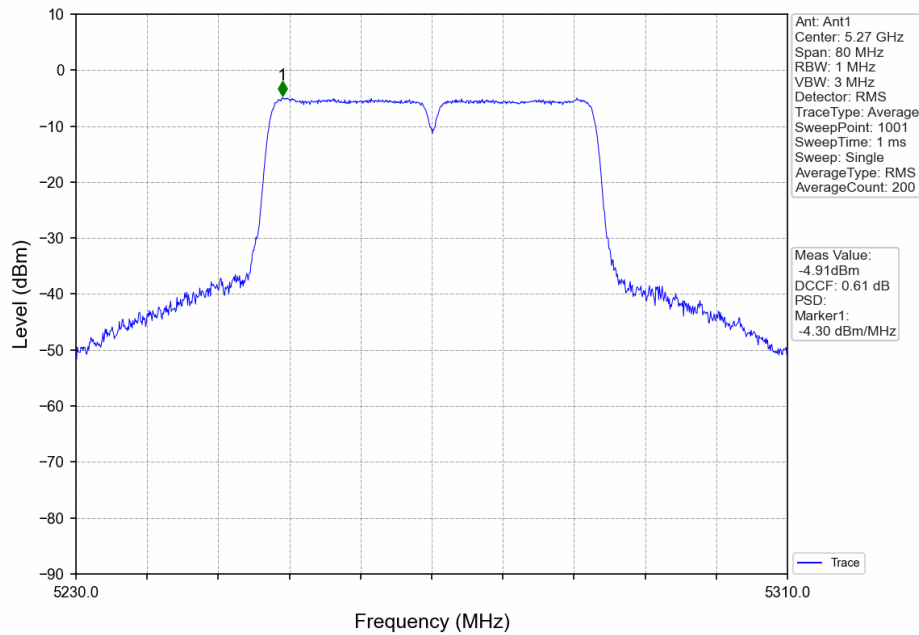
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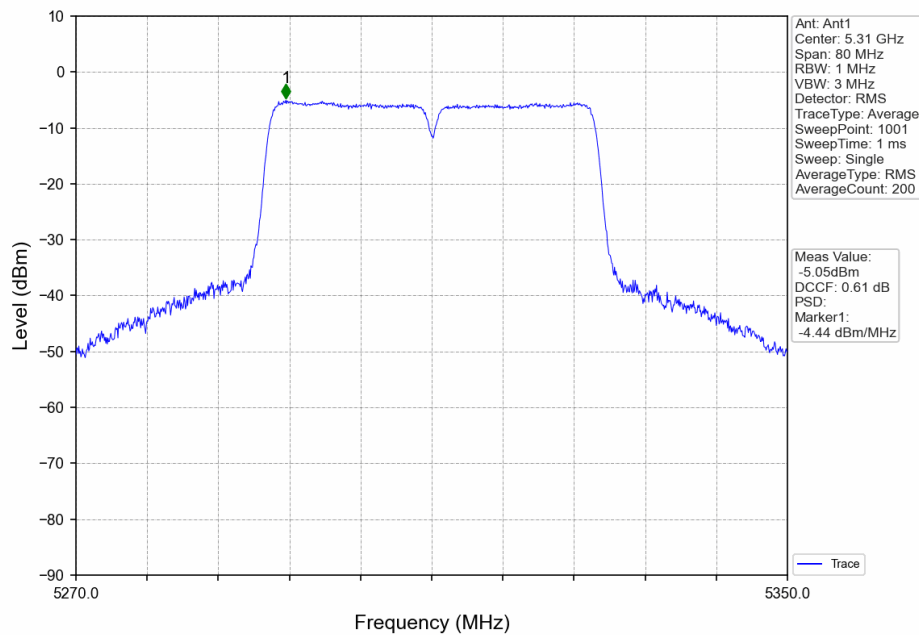
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802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



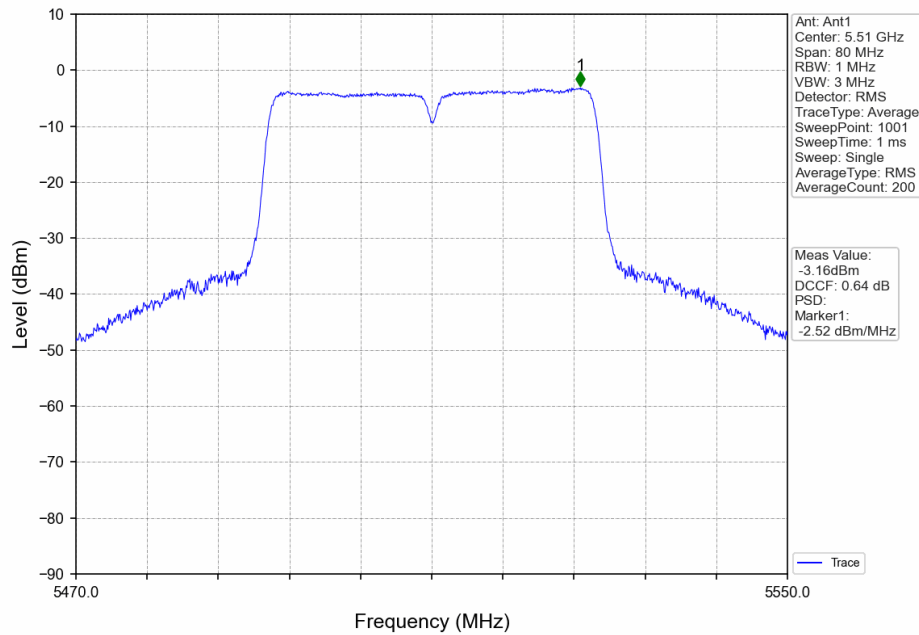
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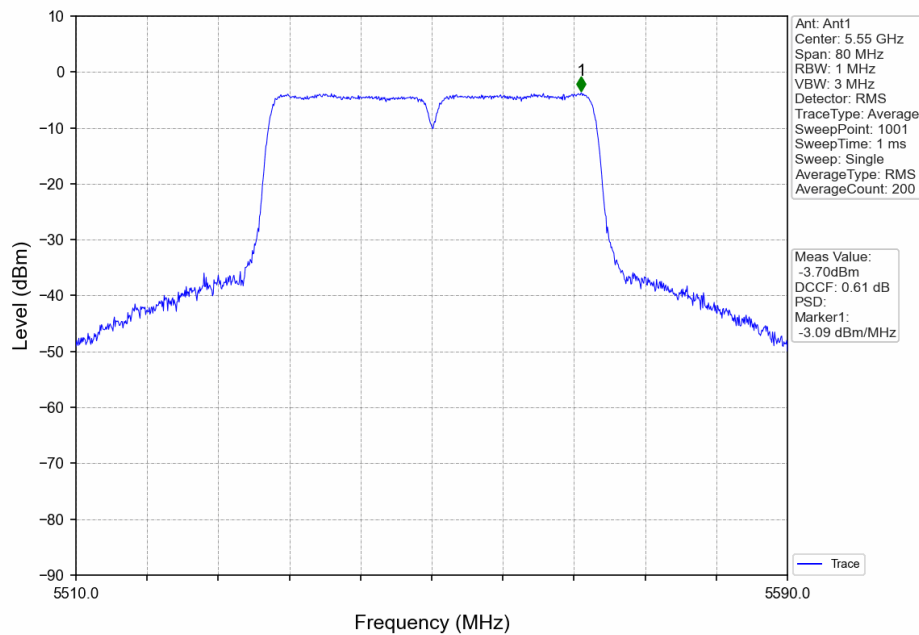
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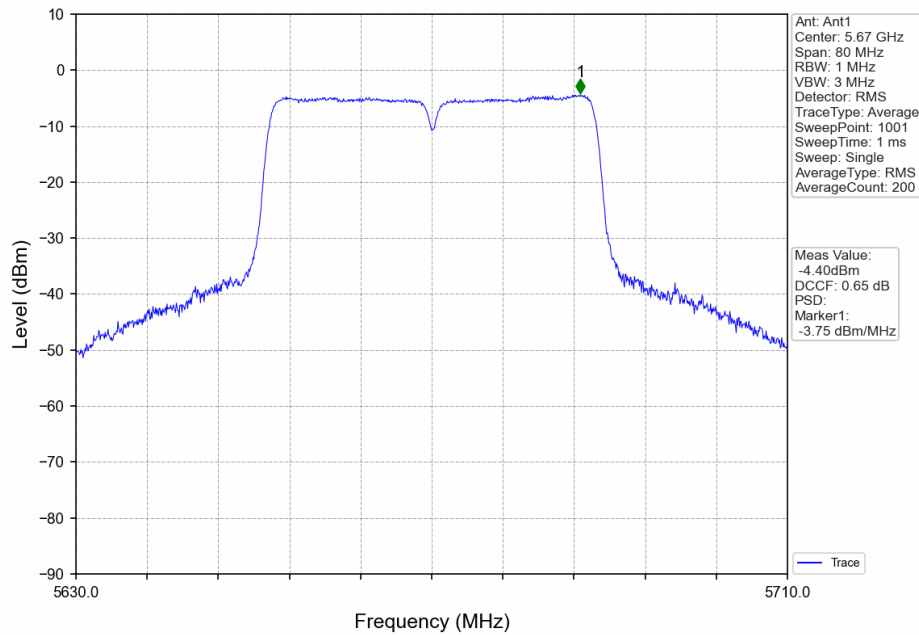
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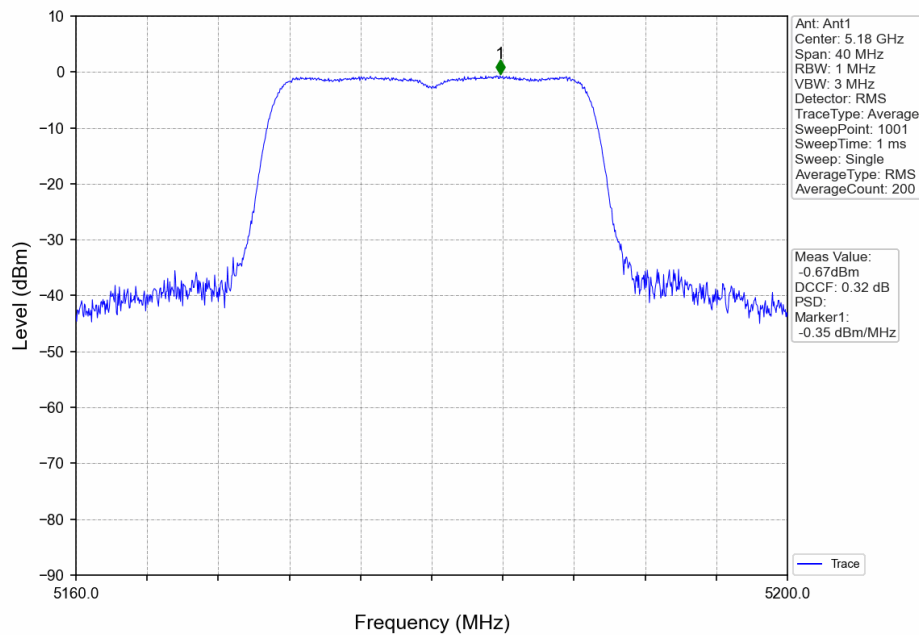
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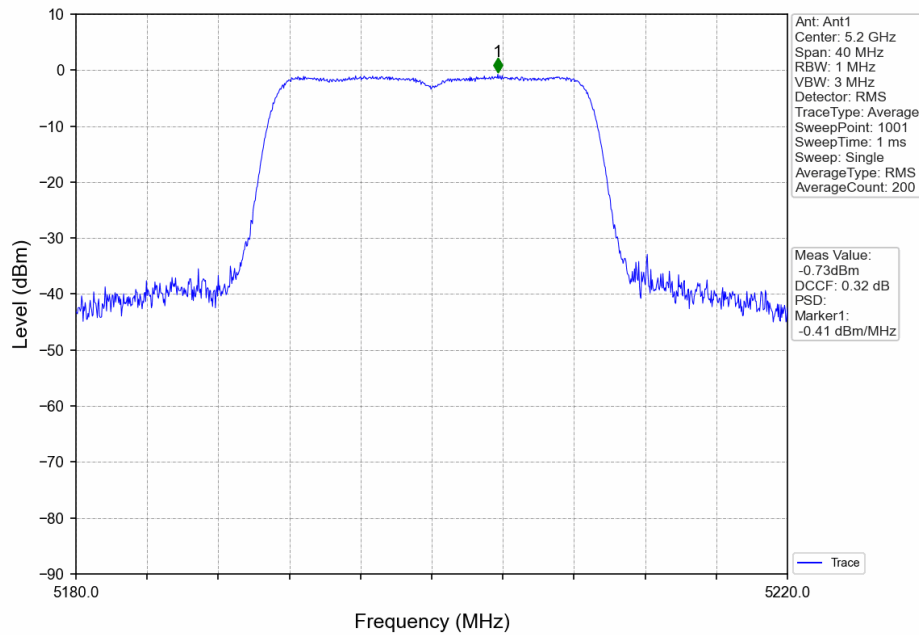
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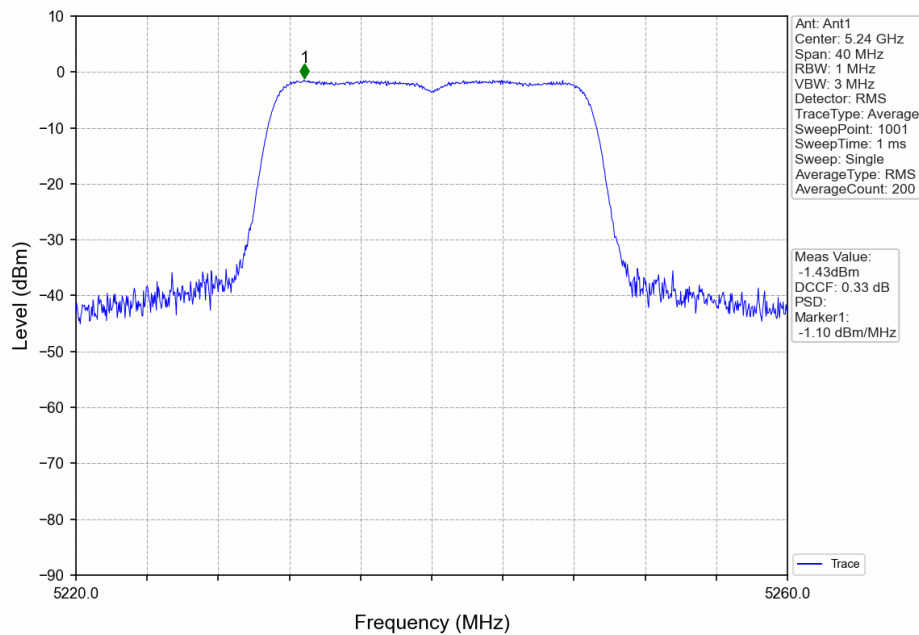
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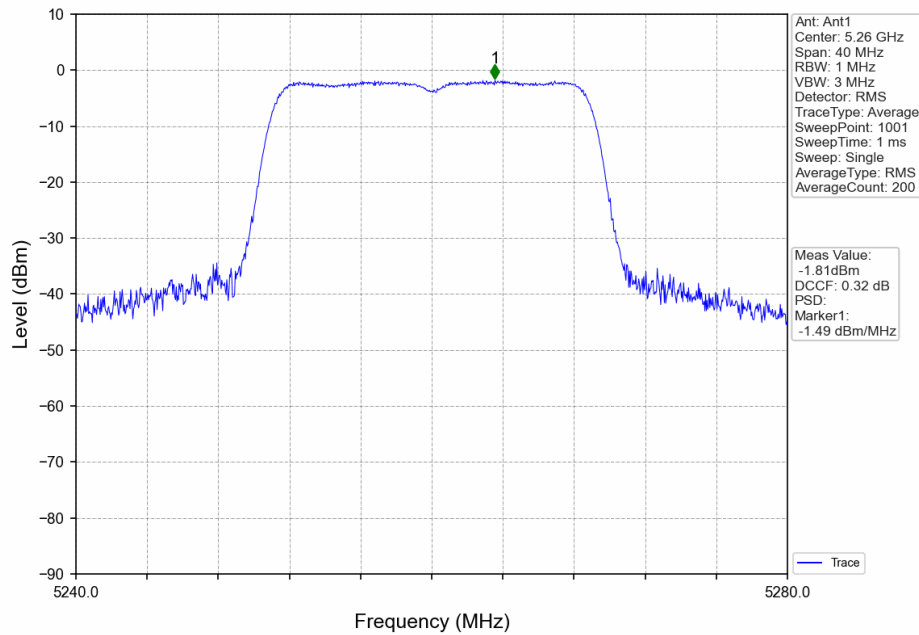
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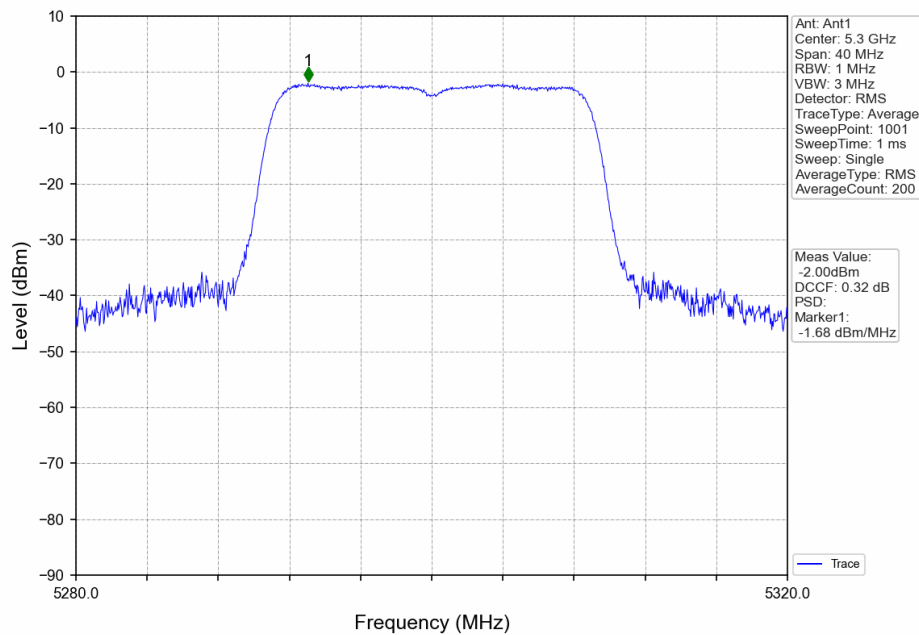
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802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV

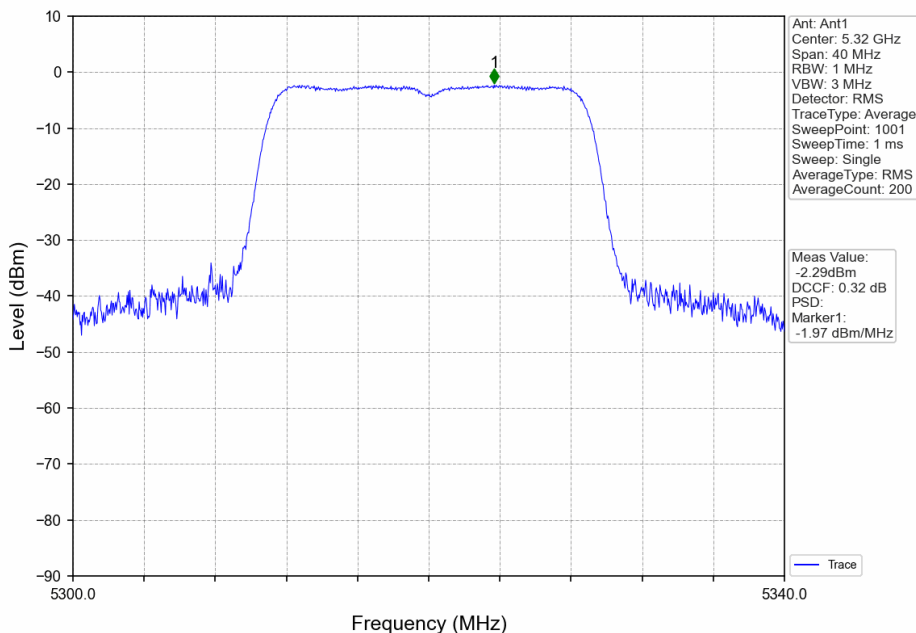


802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV

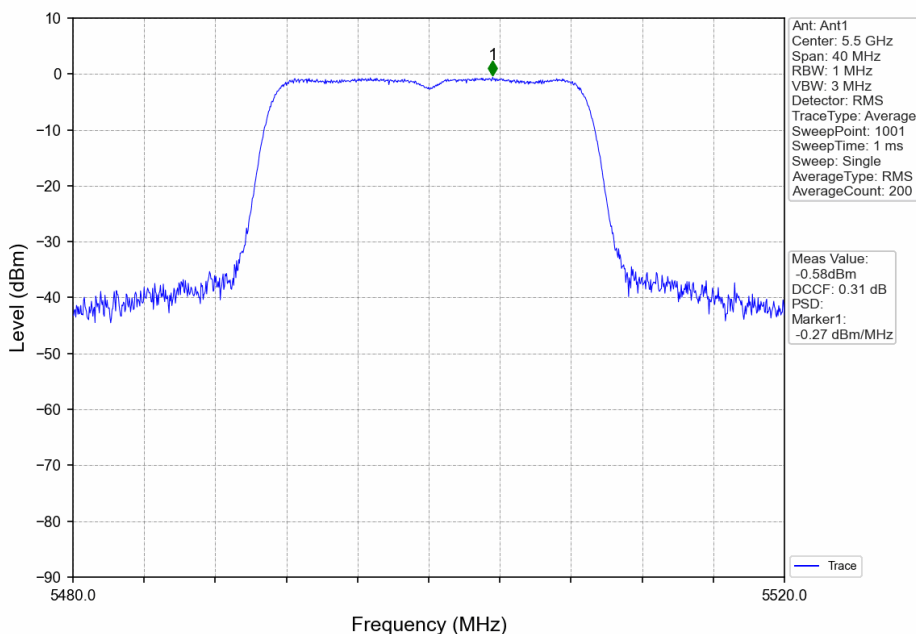


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802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



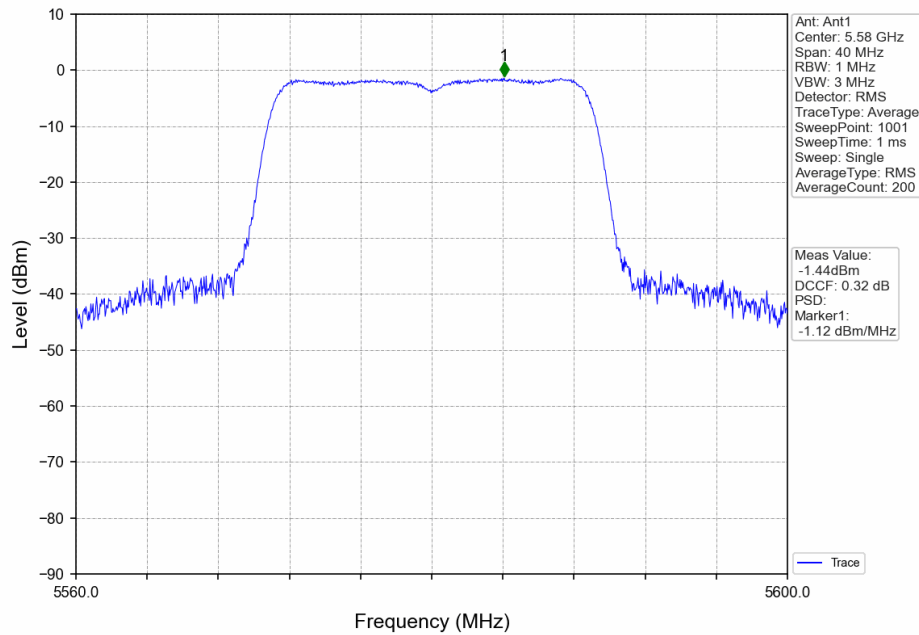
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



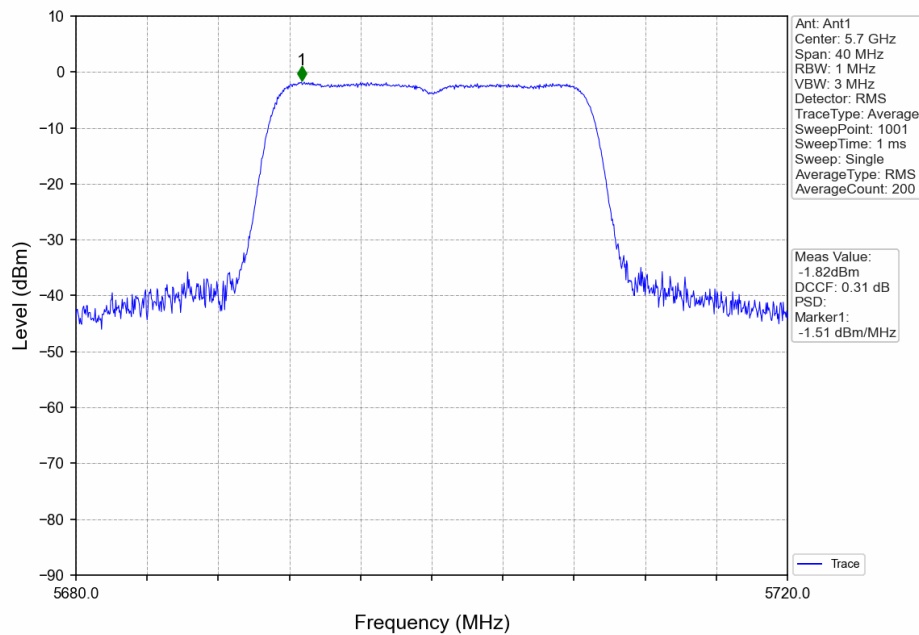
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### 802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



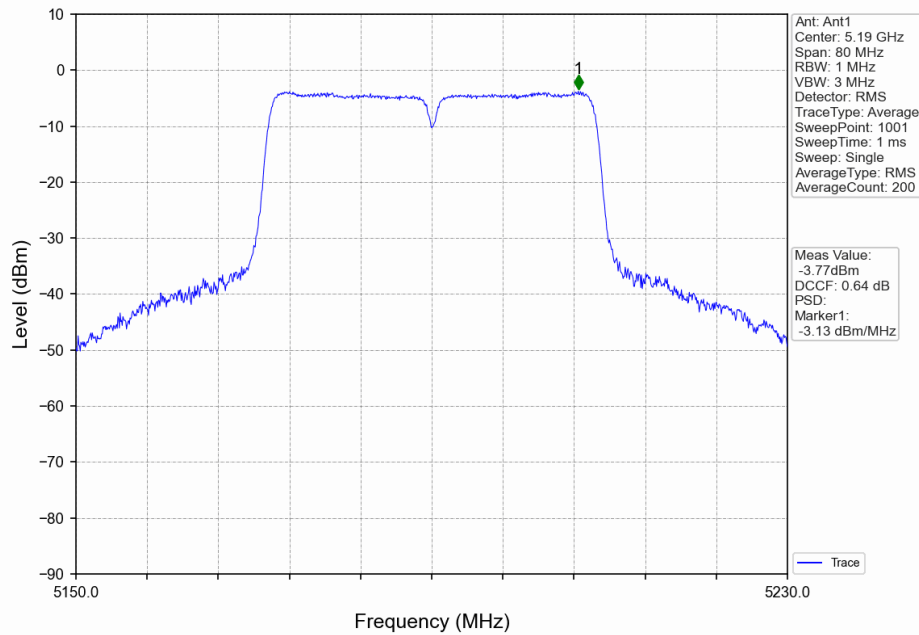
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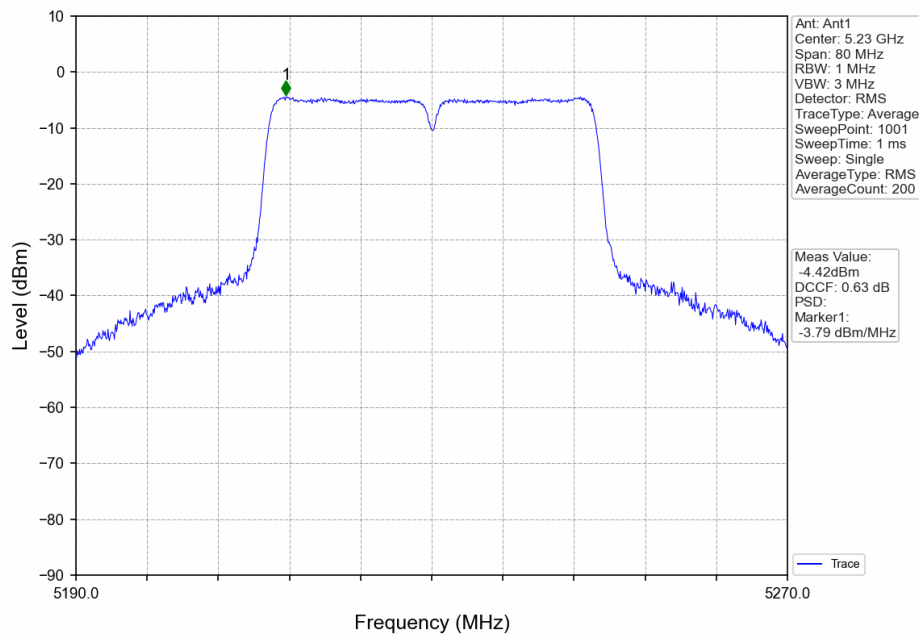
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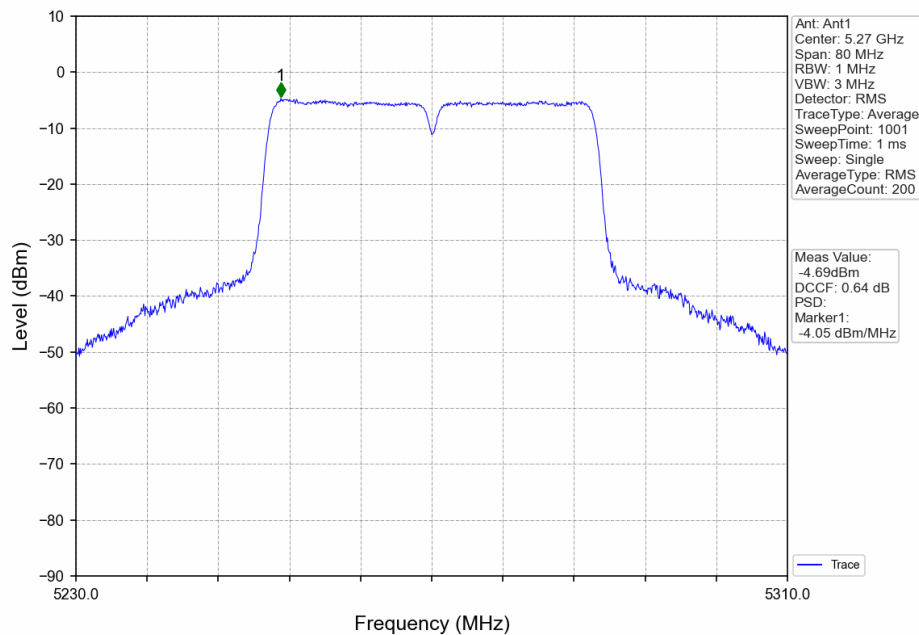
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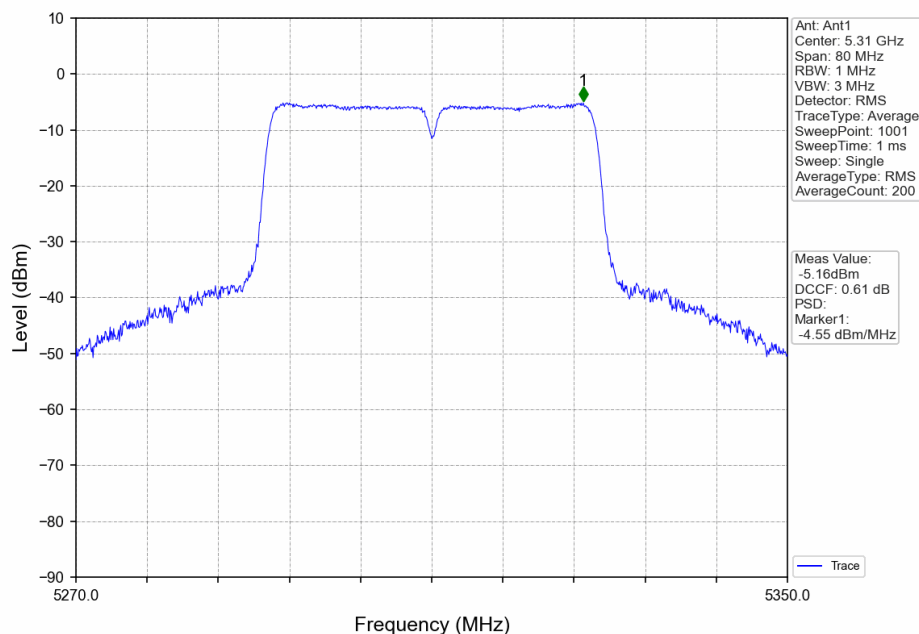
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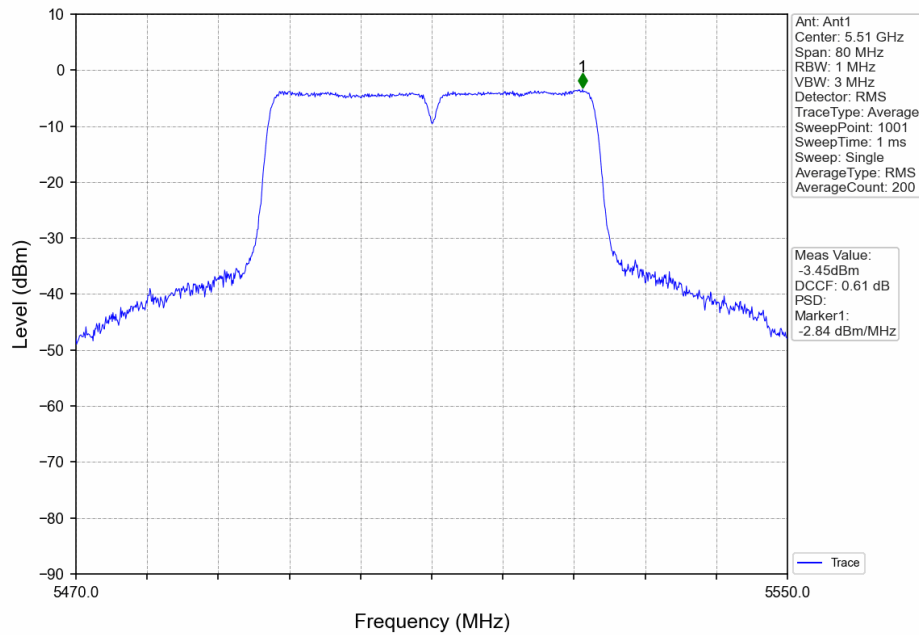
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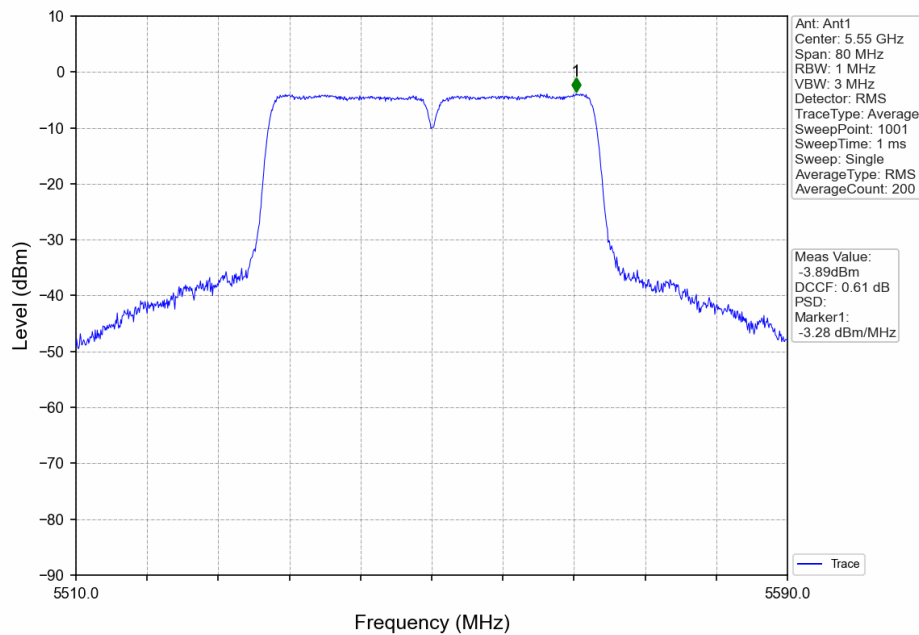
### 802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



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



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



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