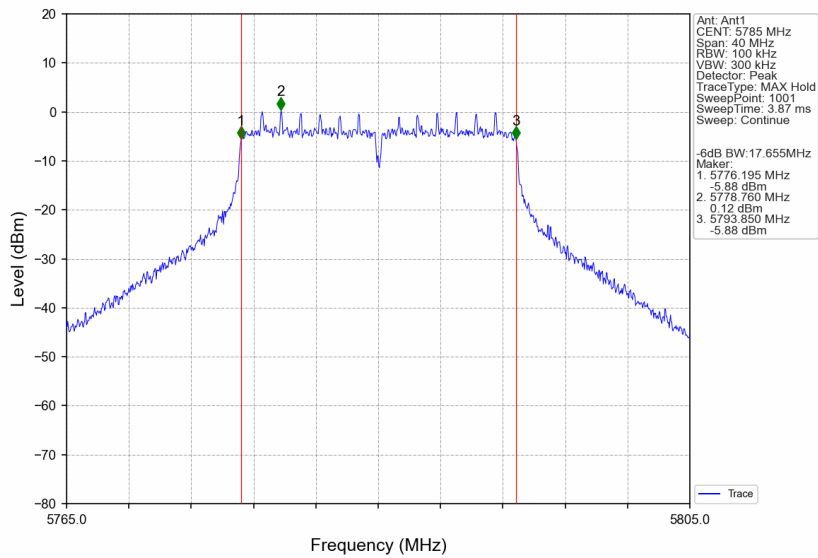
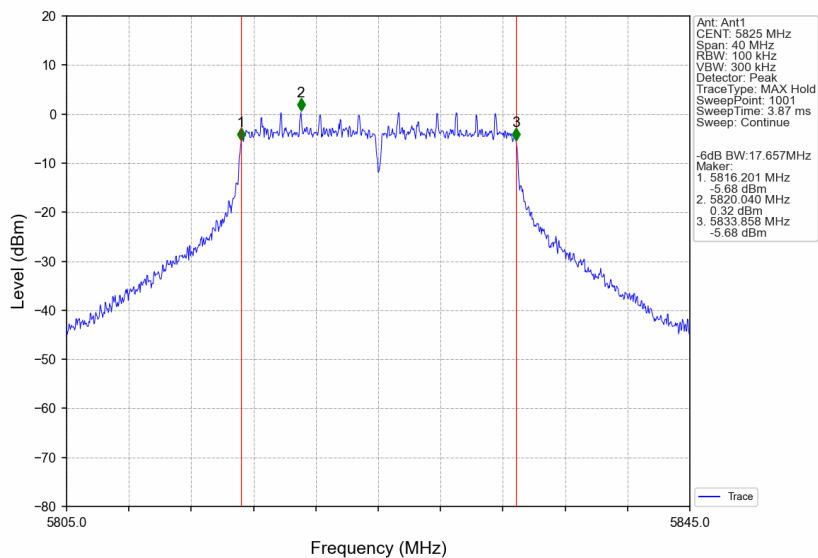


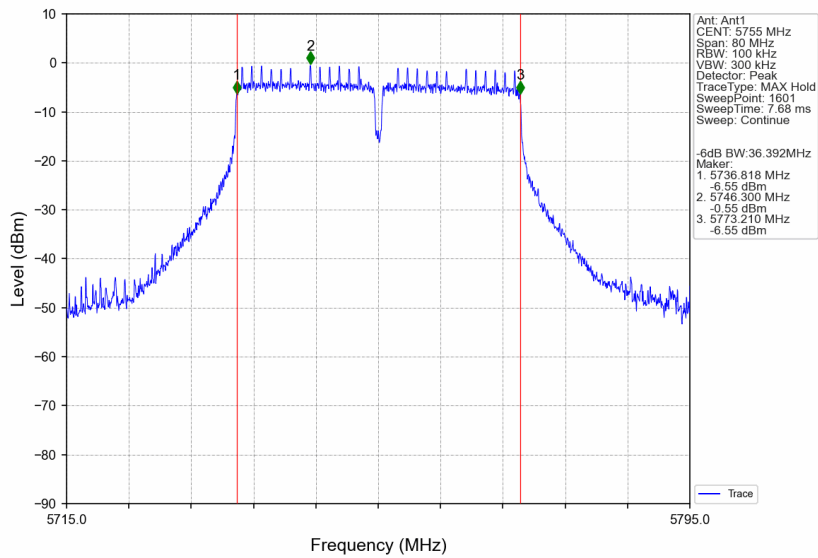
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



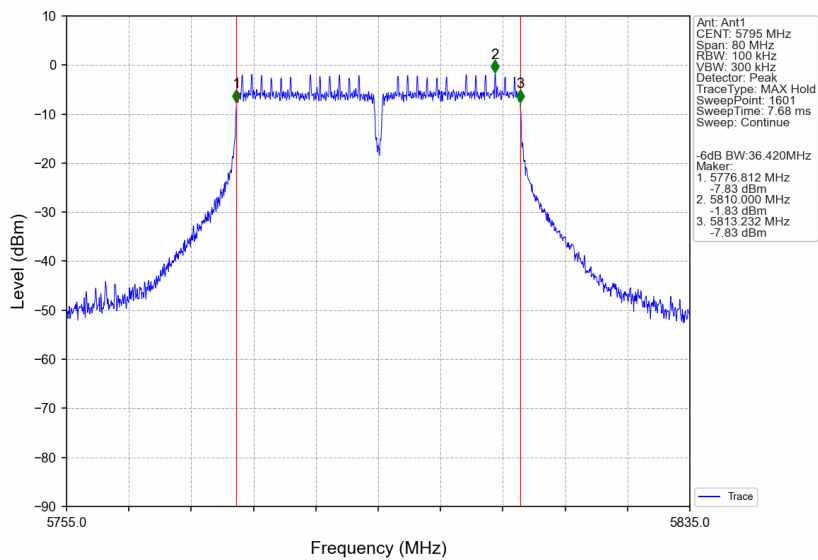
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



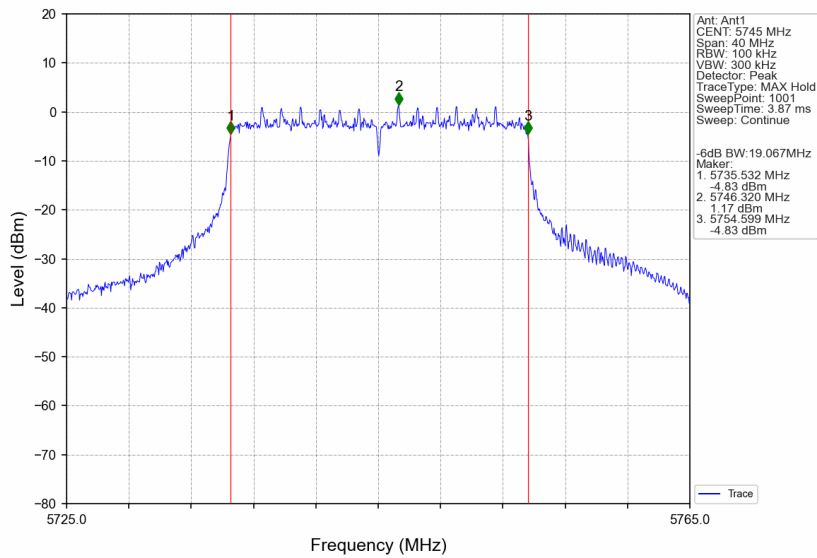
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



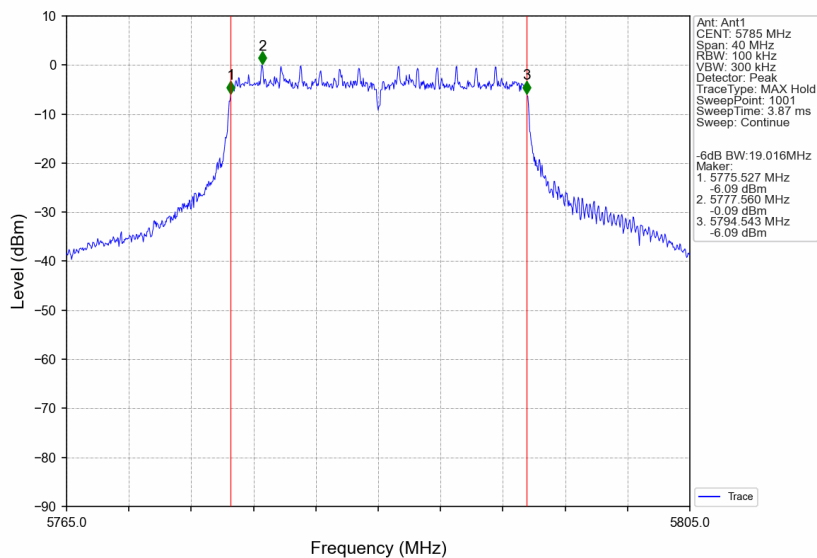
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



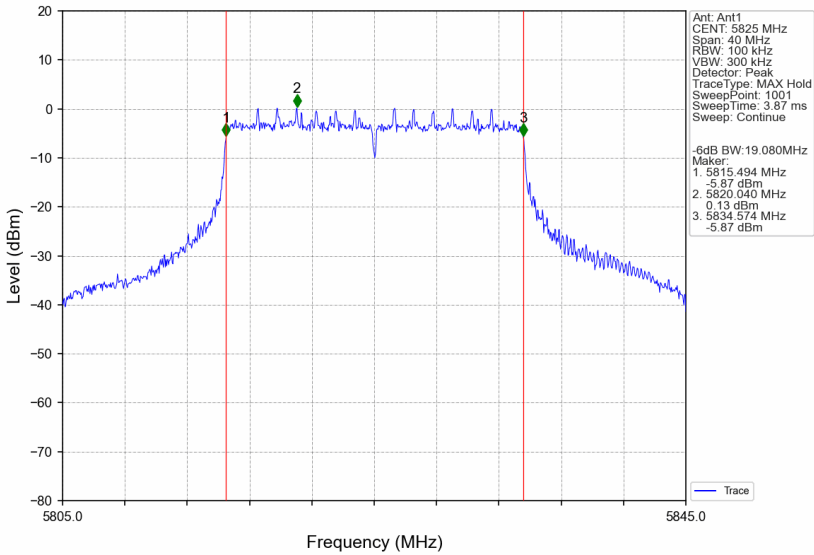
802.11ax(HE20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



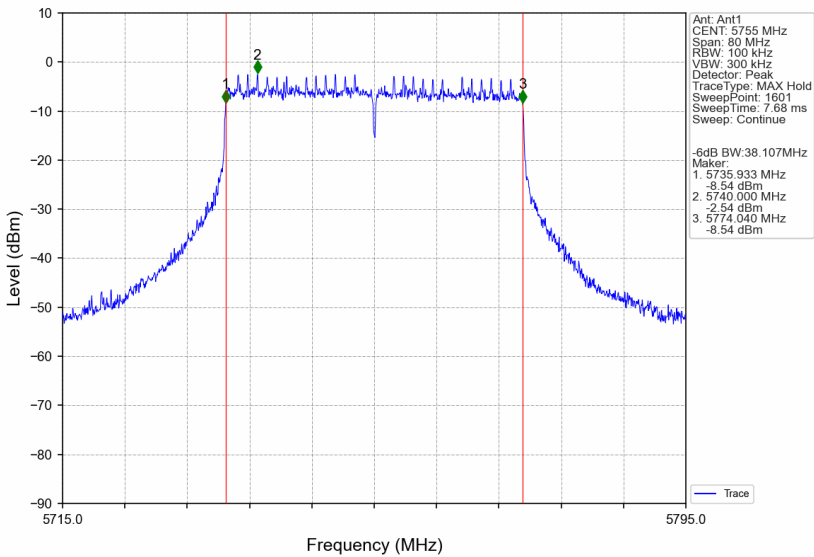
802.11ax(HE20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV

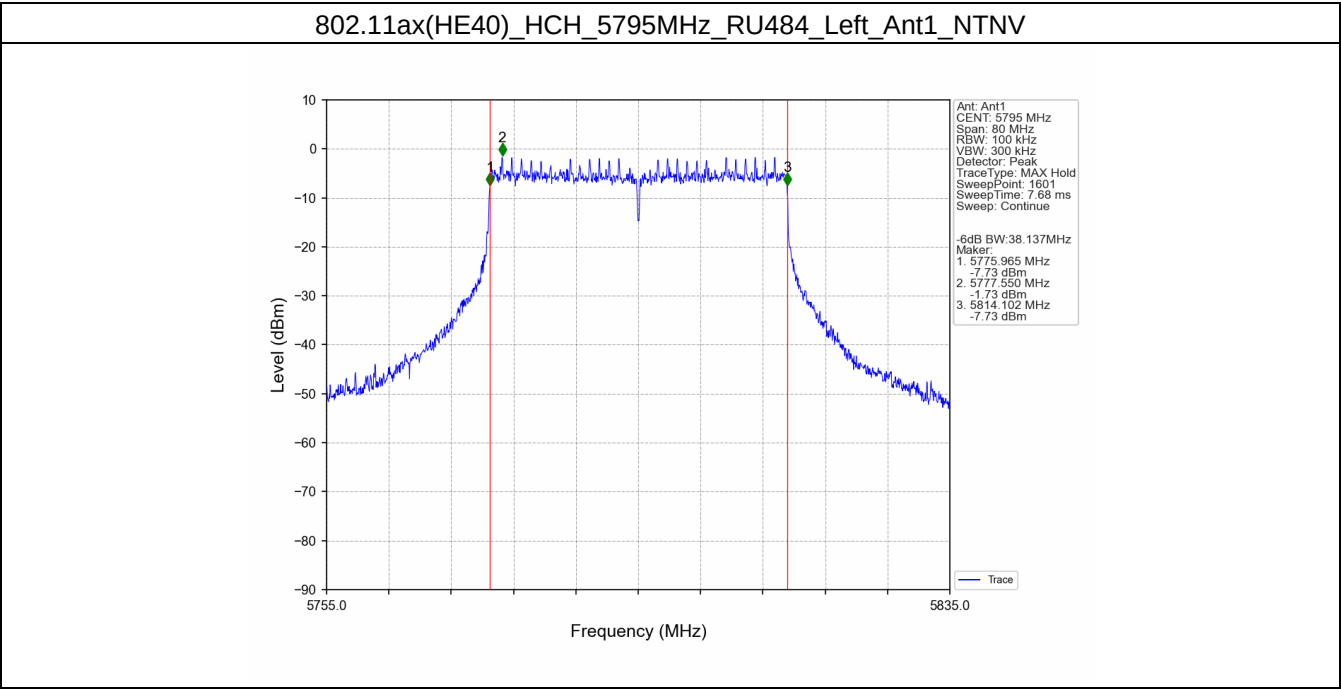


802.11ax(HE20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV

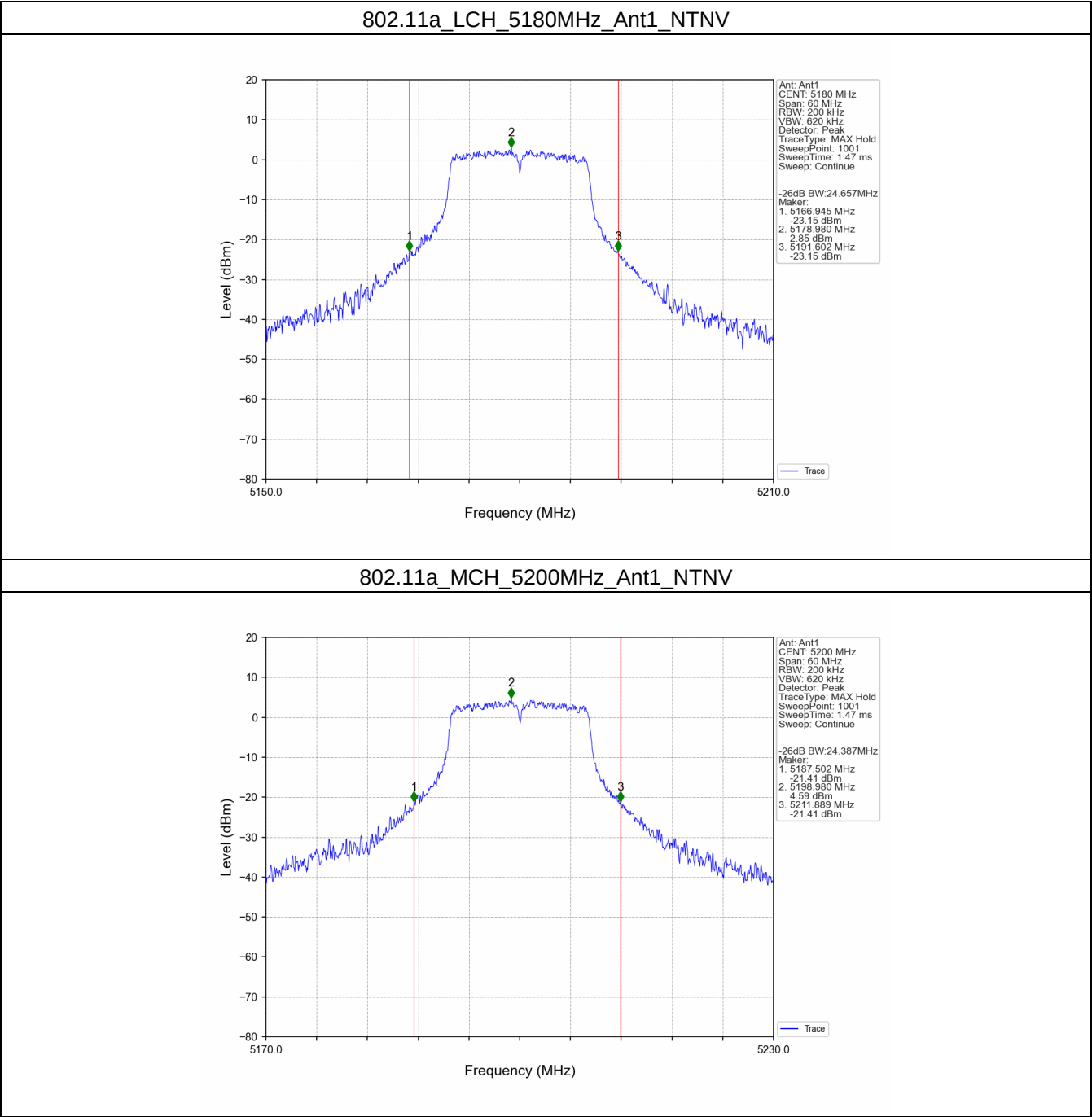


802.11ax(HE40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV

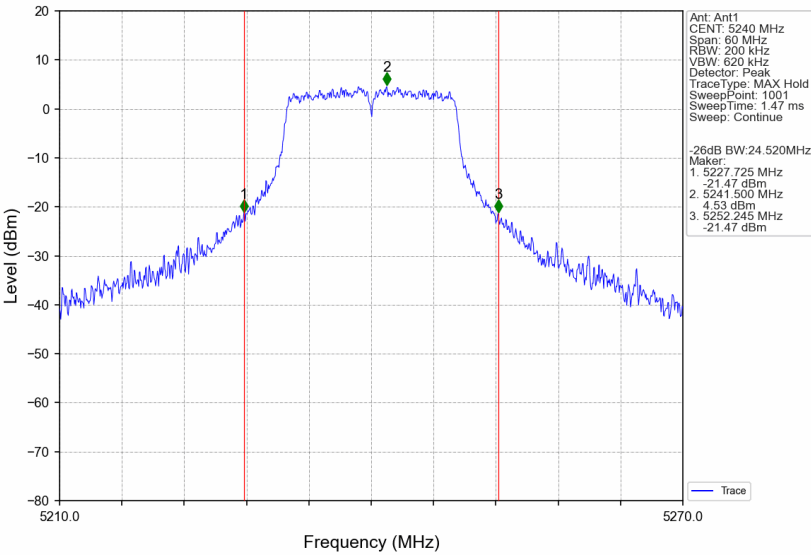




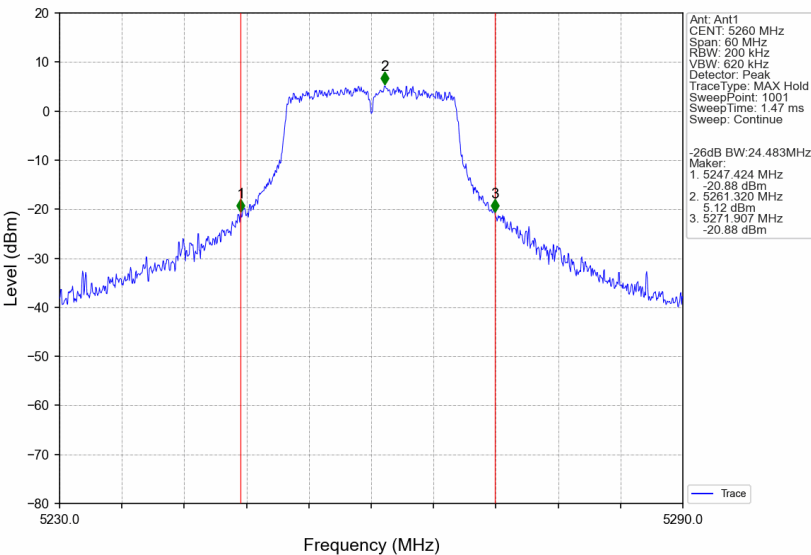
### 2.2.3 26dB BW



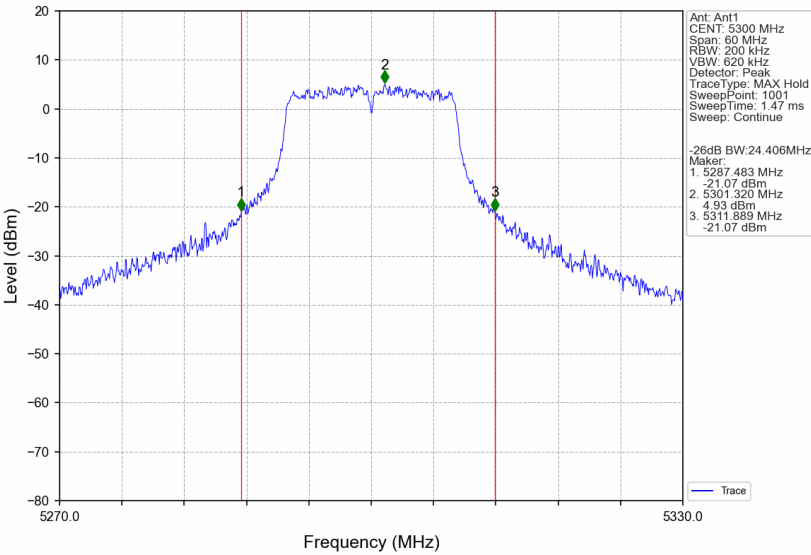
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



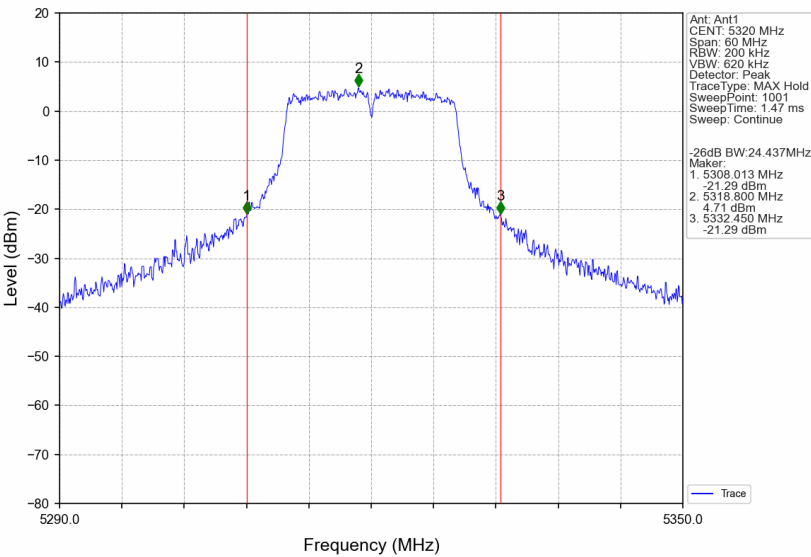
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



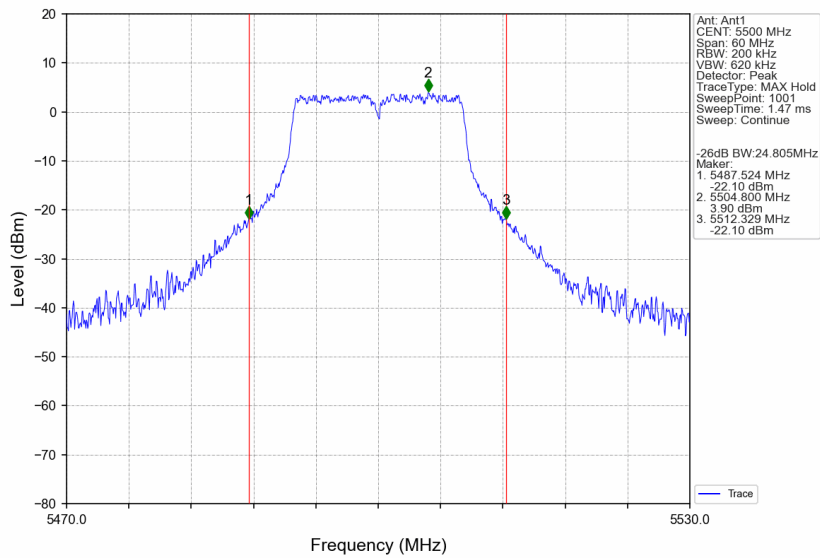
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



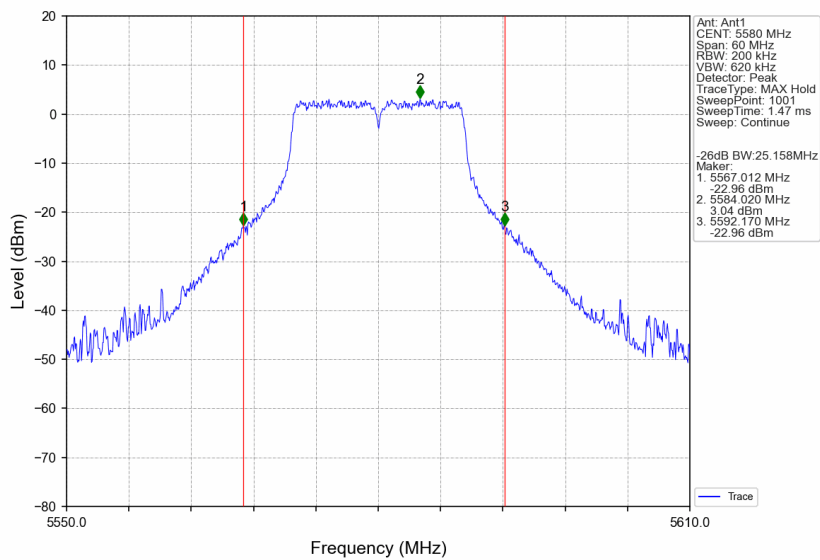
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



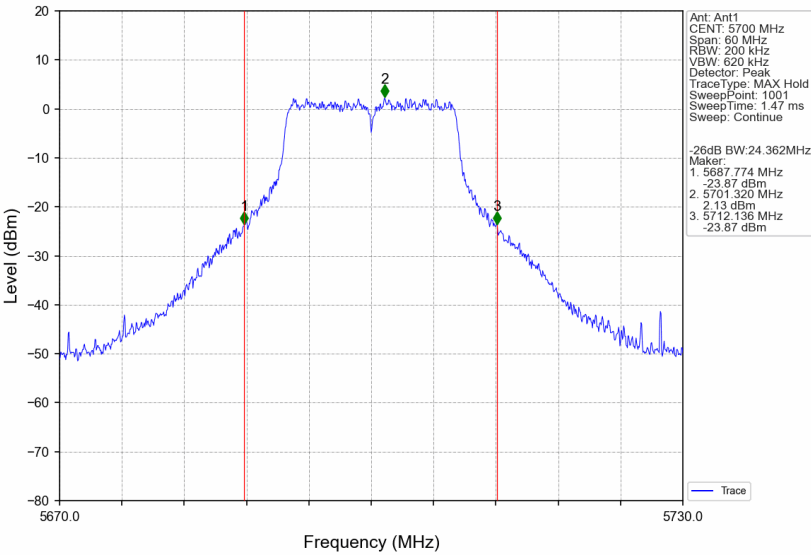
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



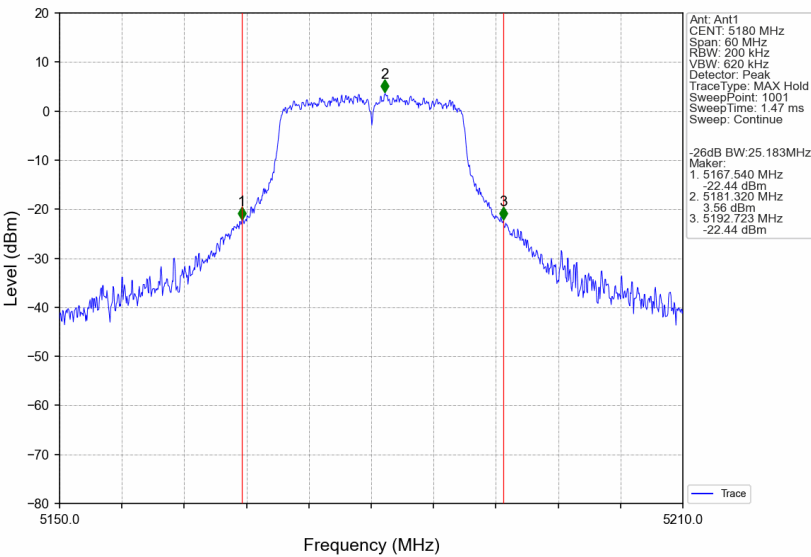
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



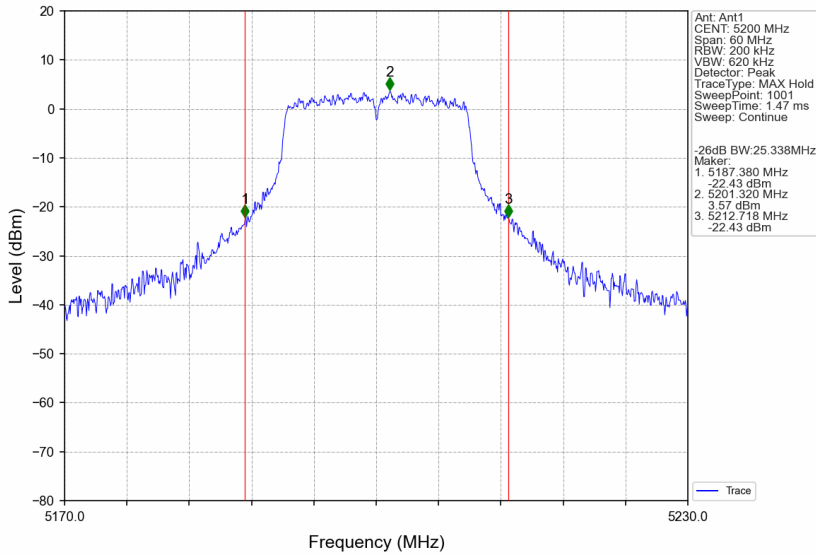
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



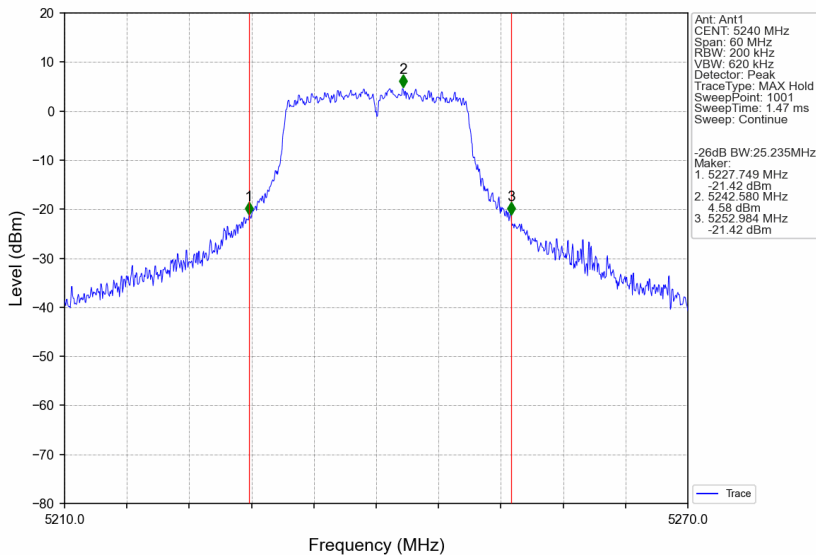
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



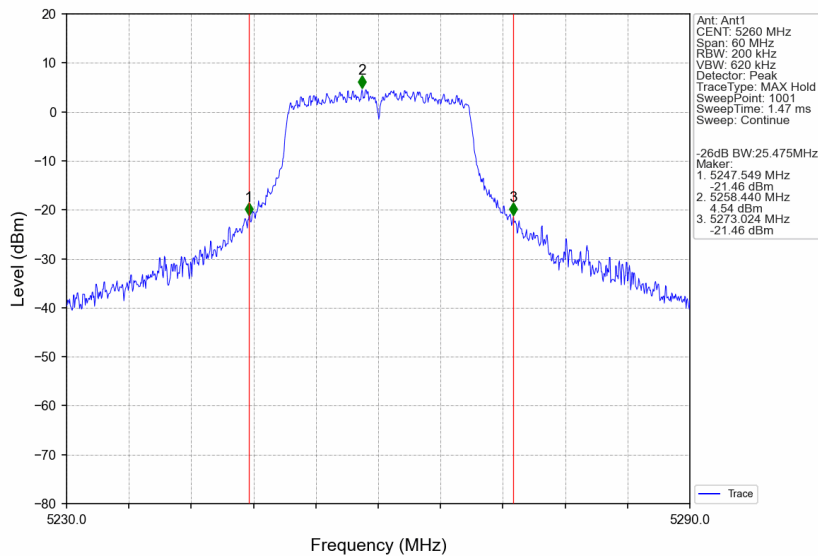
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



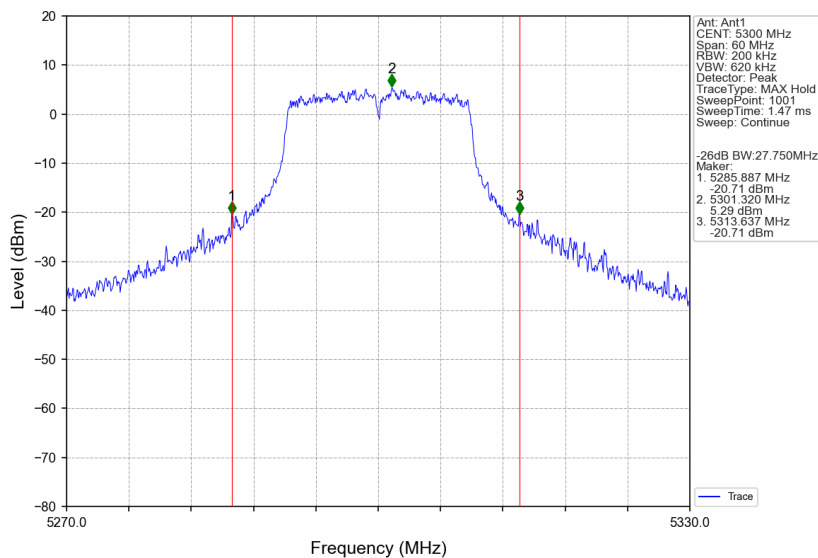
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



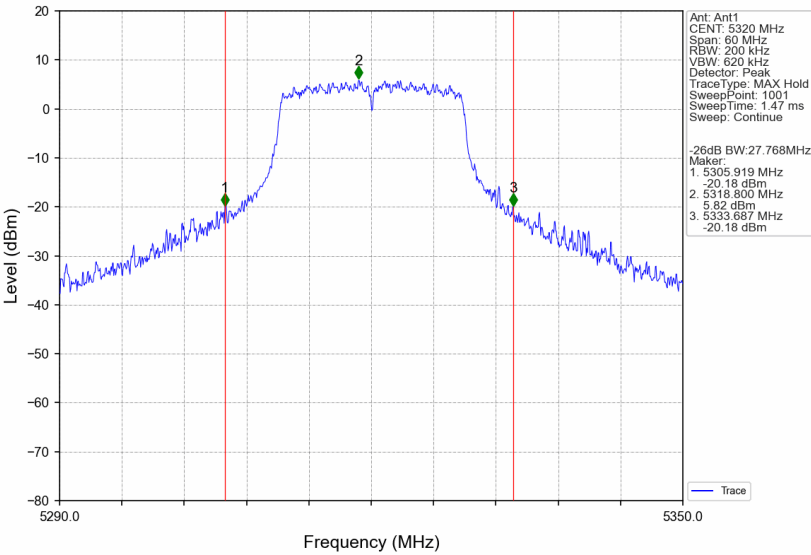
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



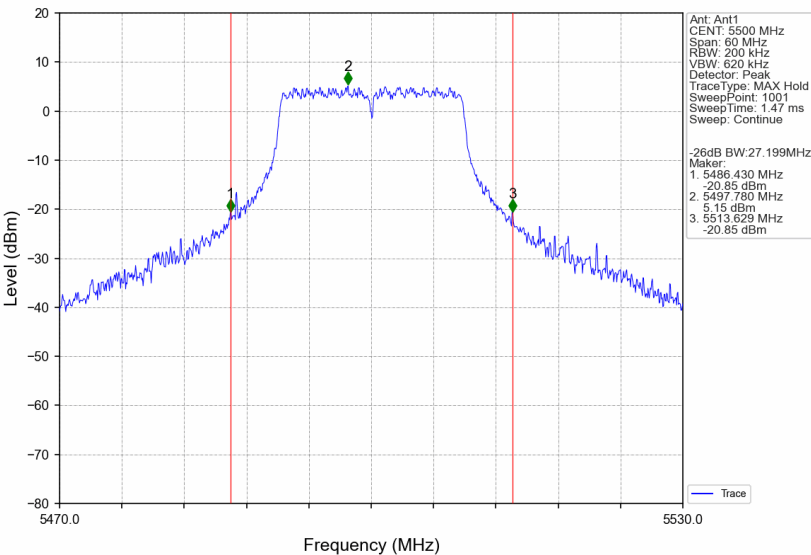
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



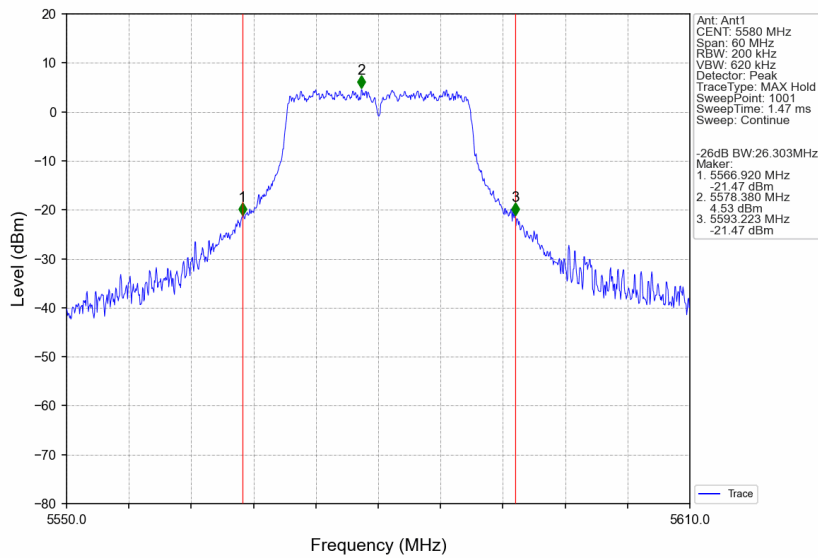
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



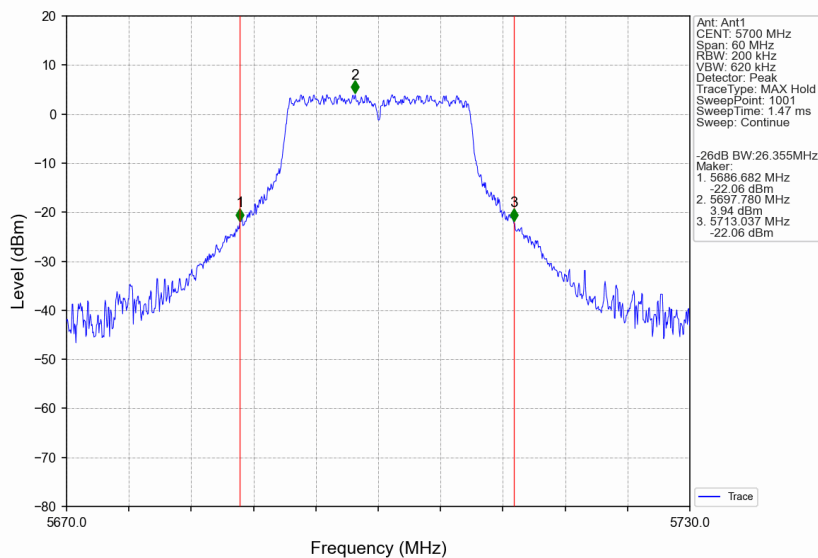
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



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



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



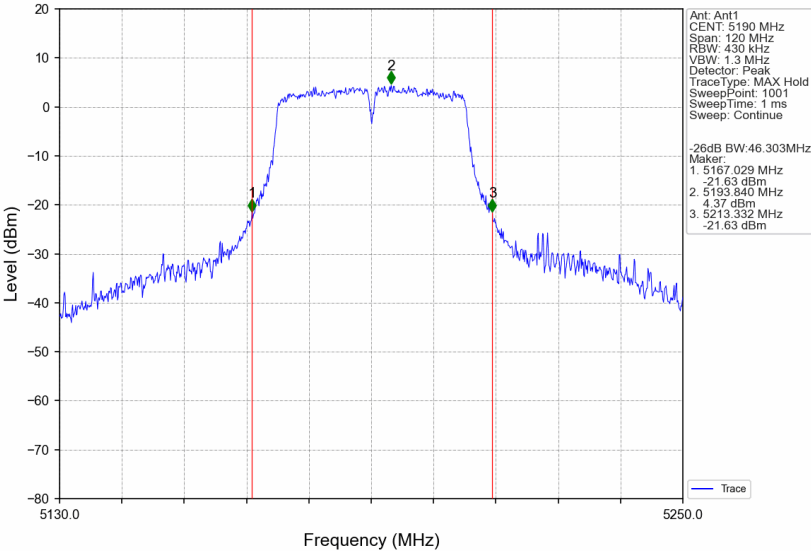
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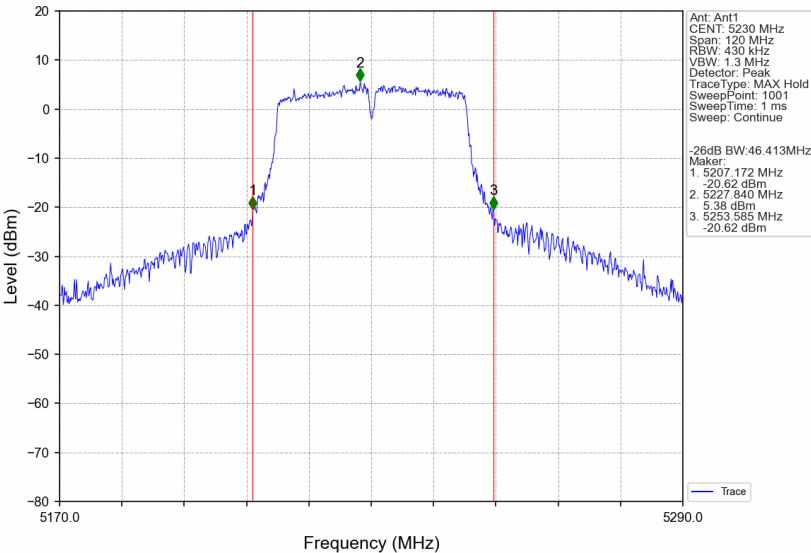
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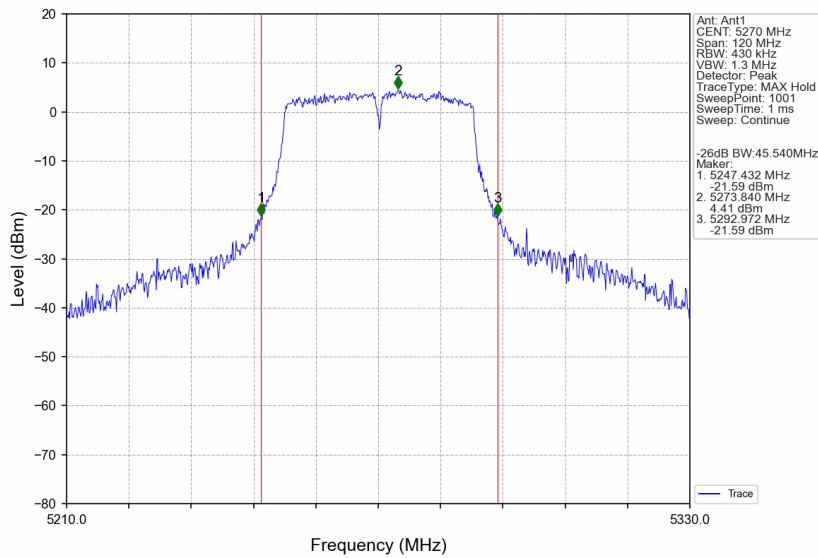
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



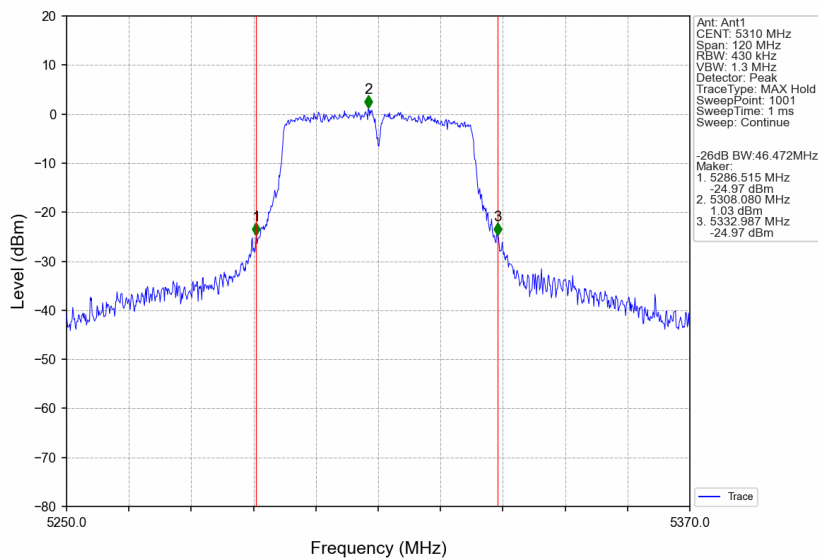
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



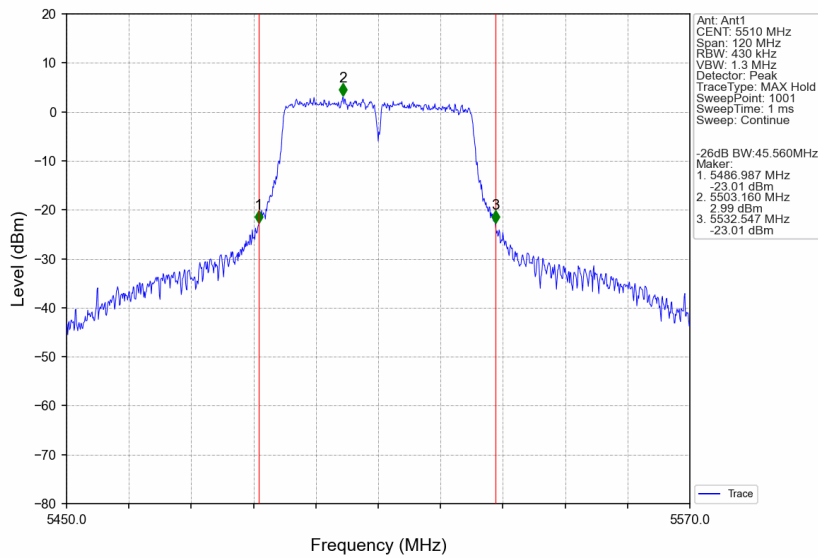
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



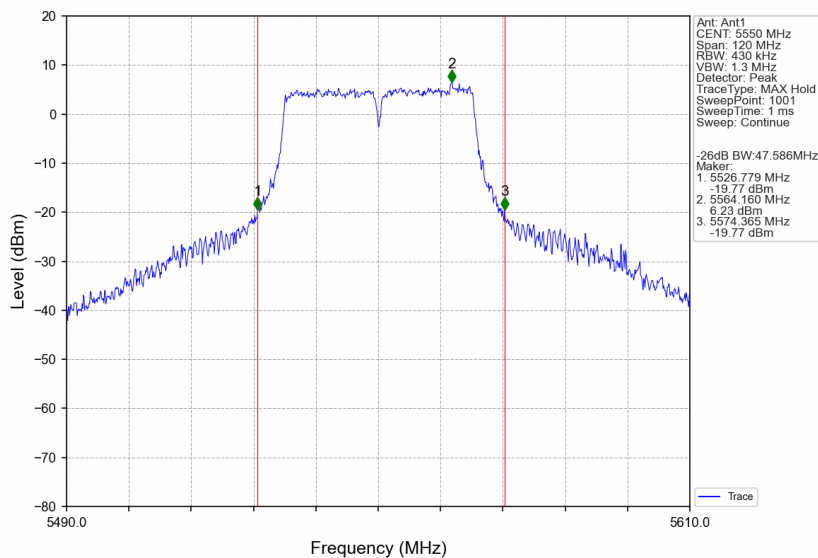
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



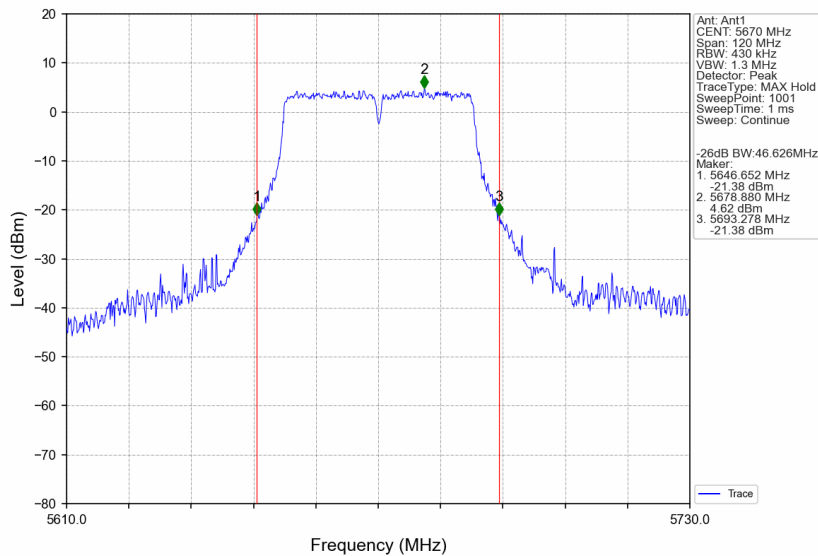
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



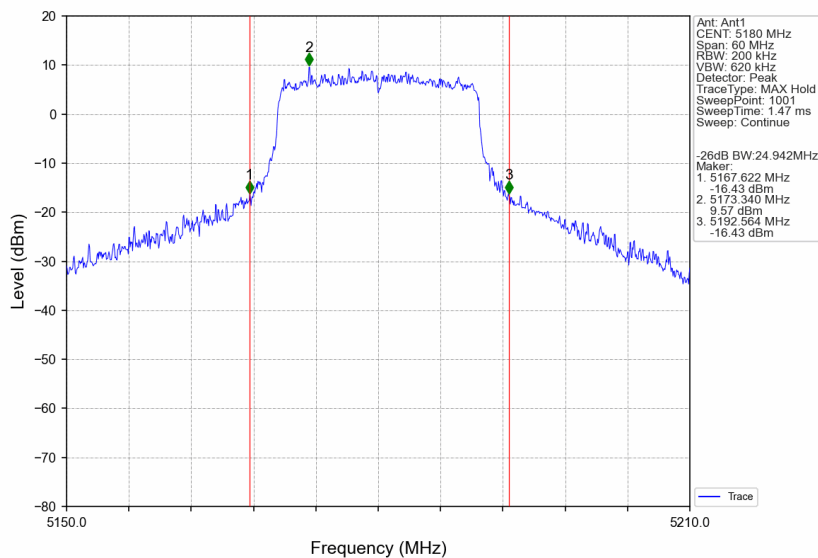
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



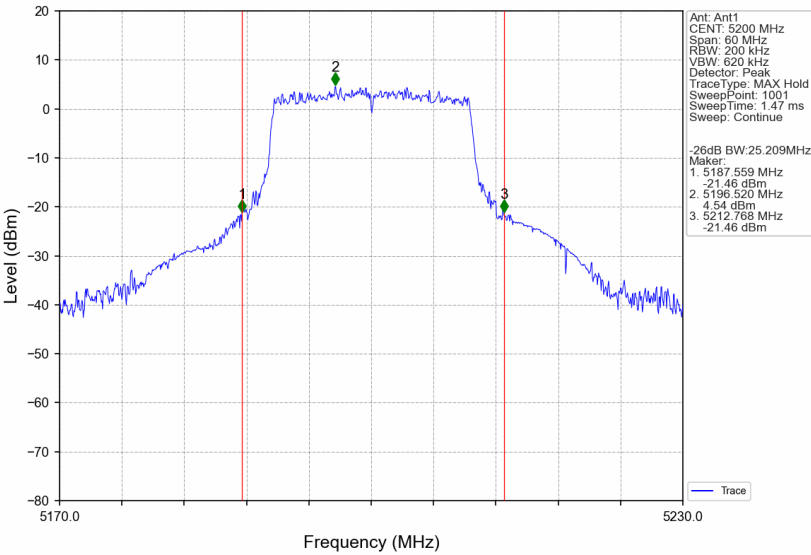
### 802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



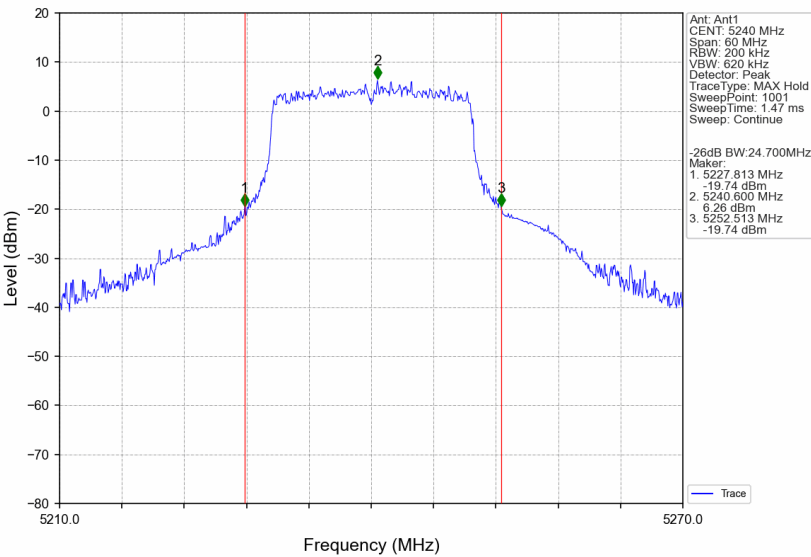
### 802.11ax(HE20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV

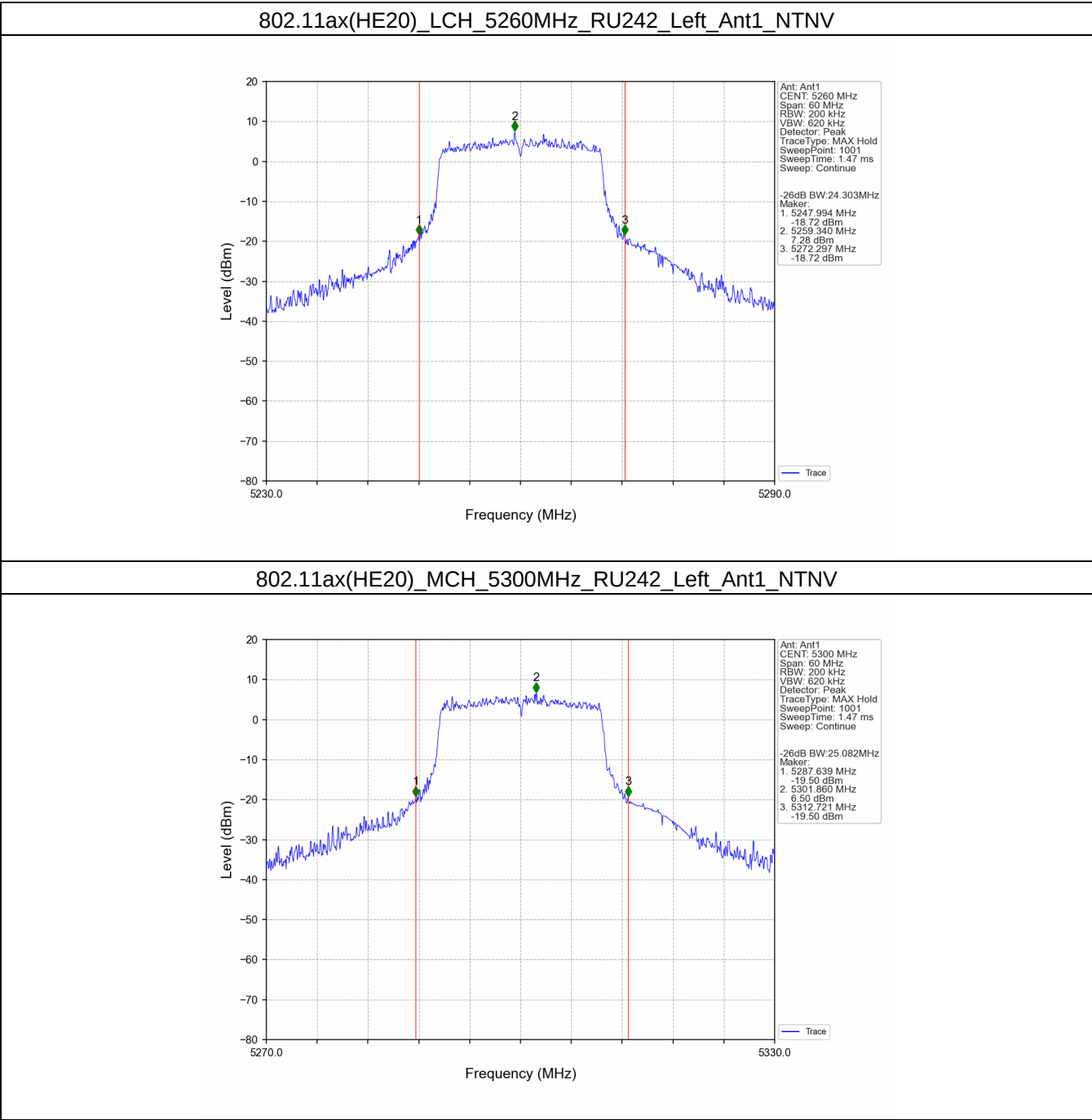


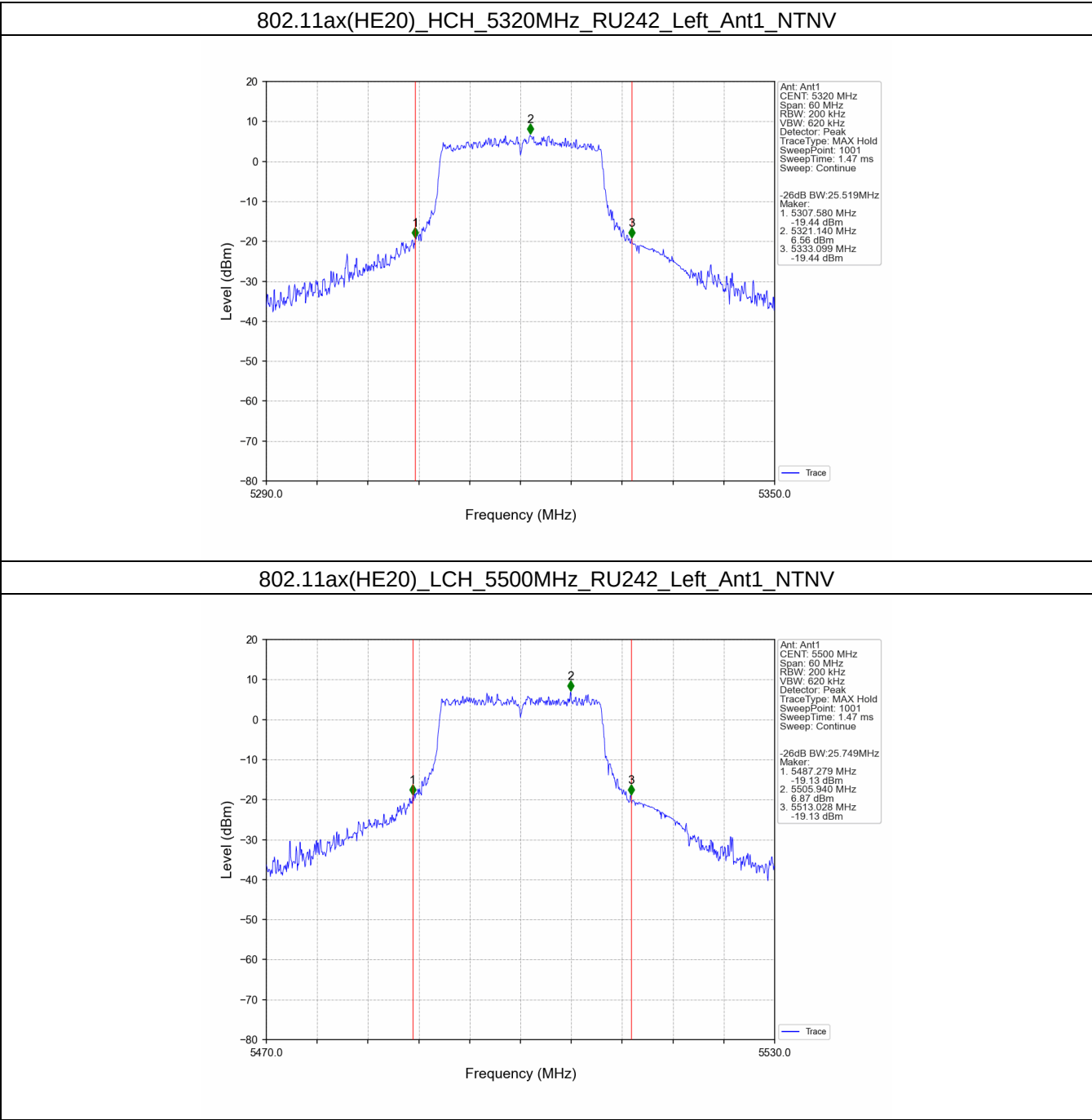
802.11ax(HE20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



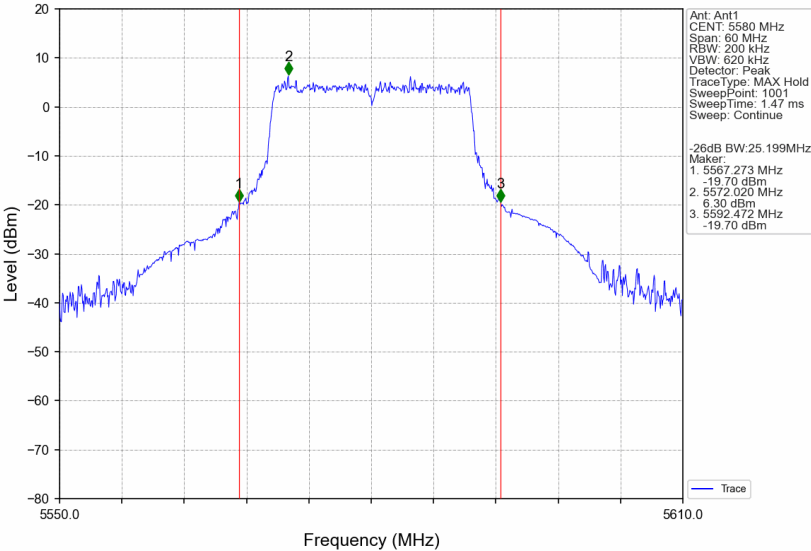
802.11ax(HE20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



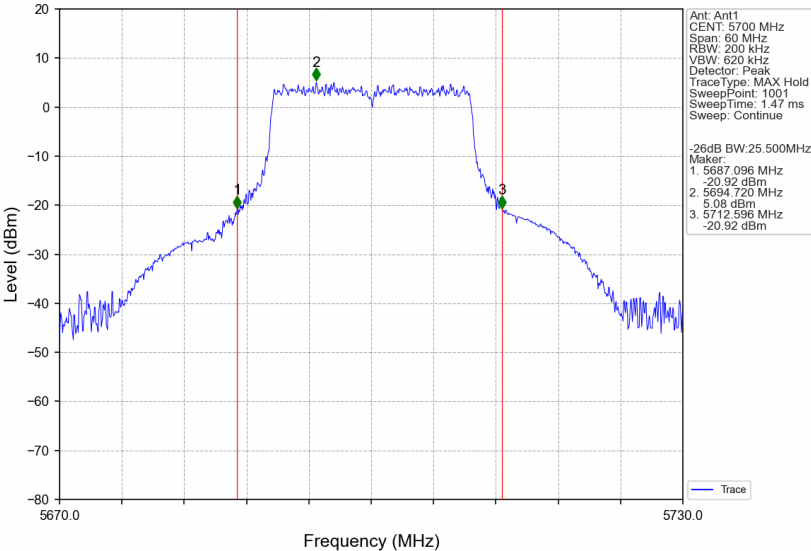




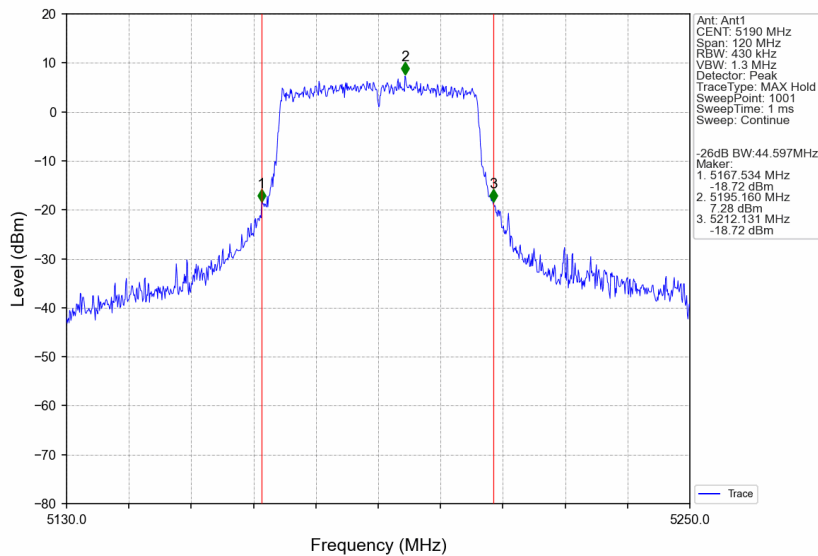
802.11ax(HE20)\_MCH\_5580MHz\_RU242\_Left\_Ant1\_NTNV



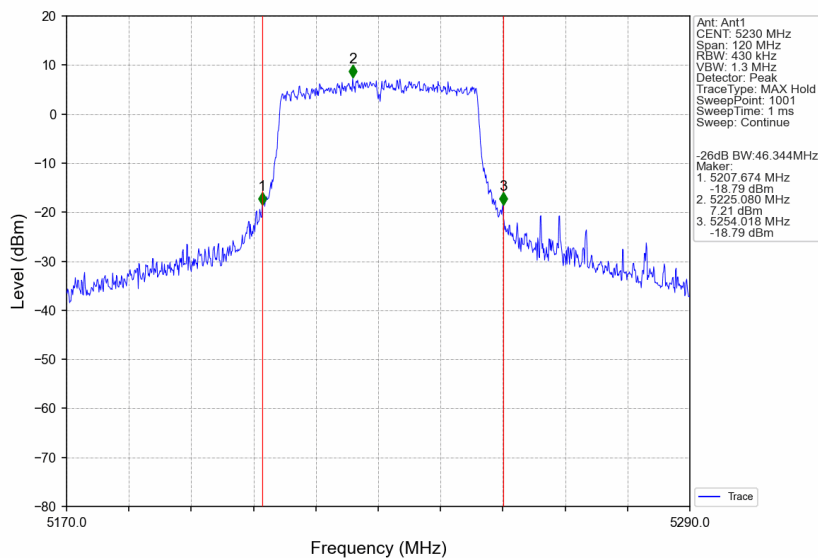
802.11ax(HE20)\_HCH\_5700MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HE40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HE40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV

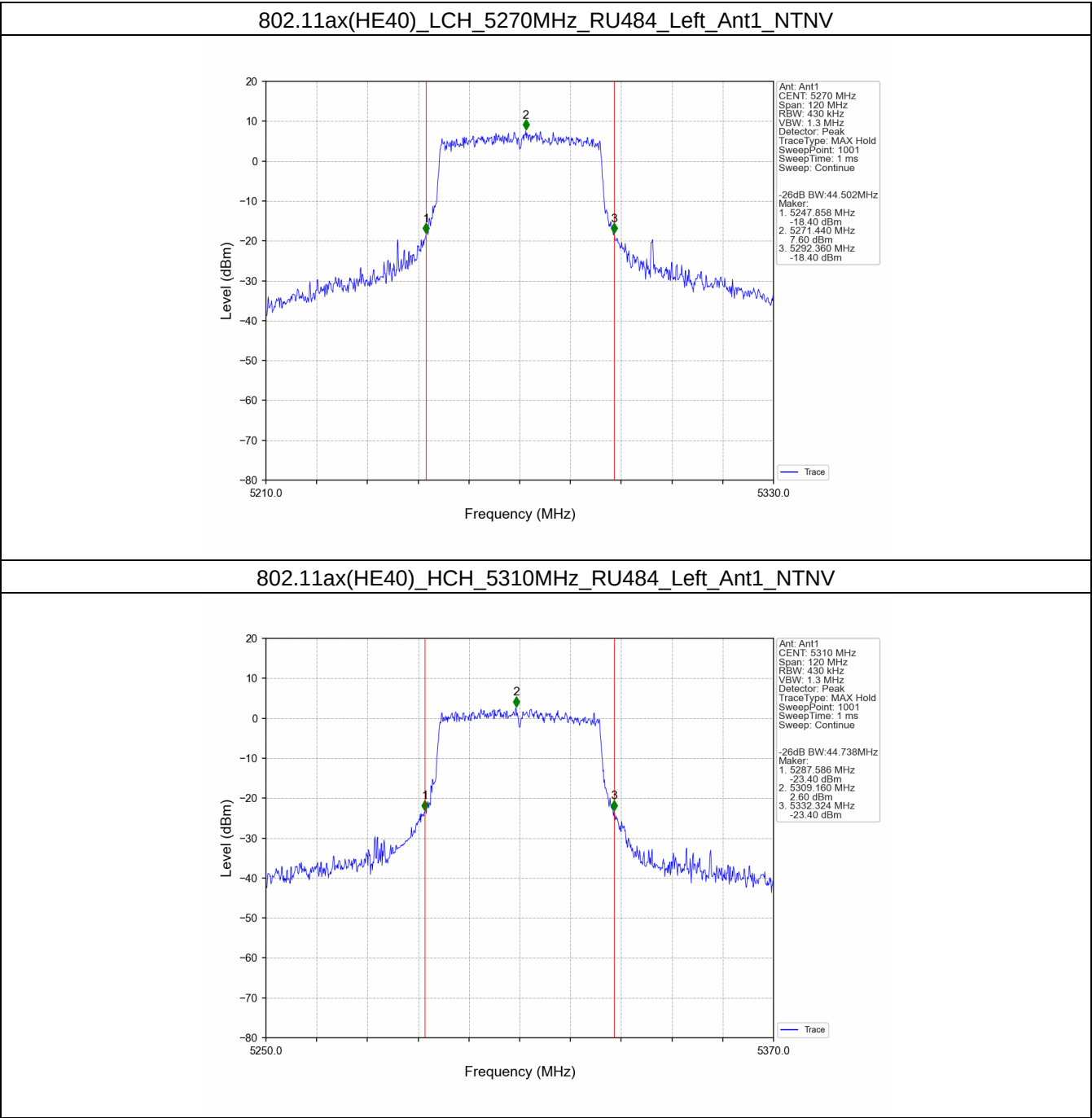


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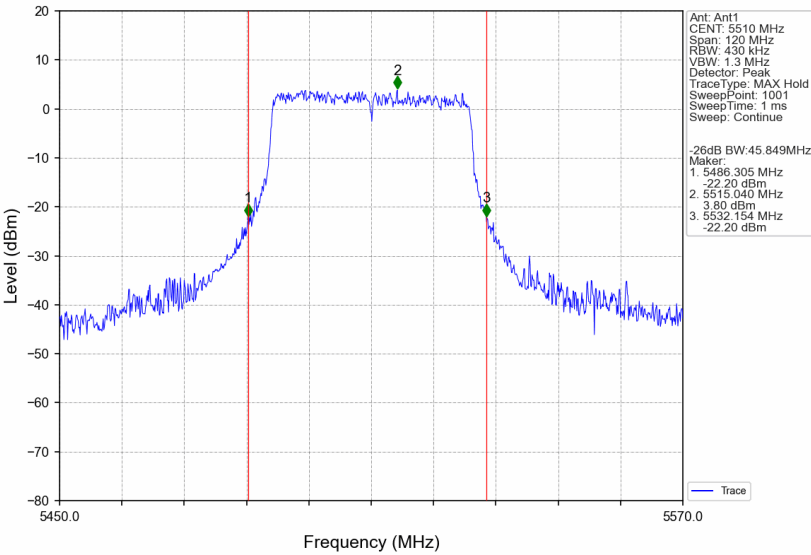
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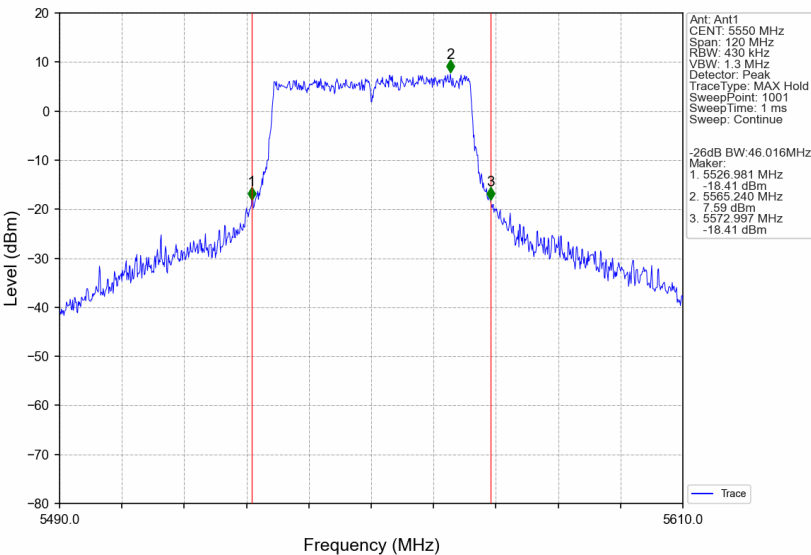
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802.11ax(HE40)\_LCH\_5510MHz\_RU484\_Left\_Ant1\_NTNV



802.11ax(HE40)\_MCH\_5550MHz\_RU484\_Left\_Ant1\_NTNV

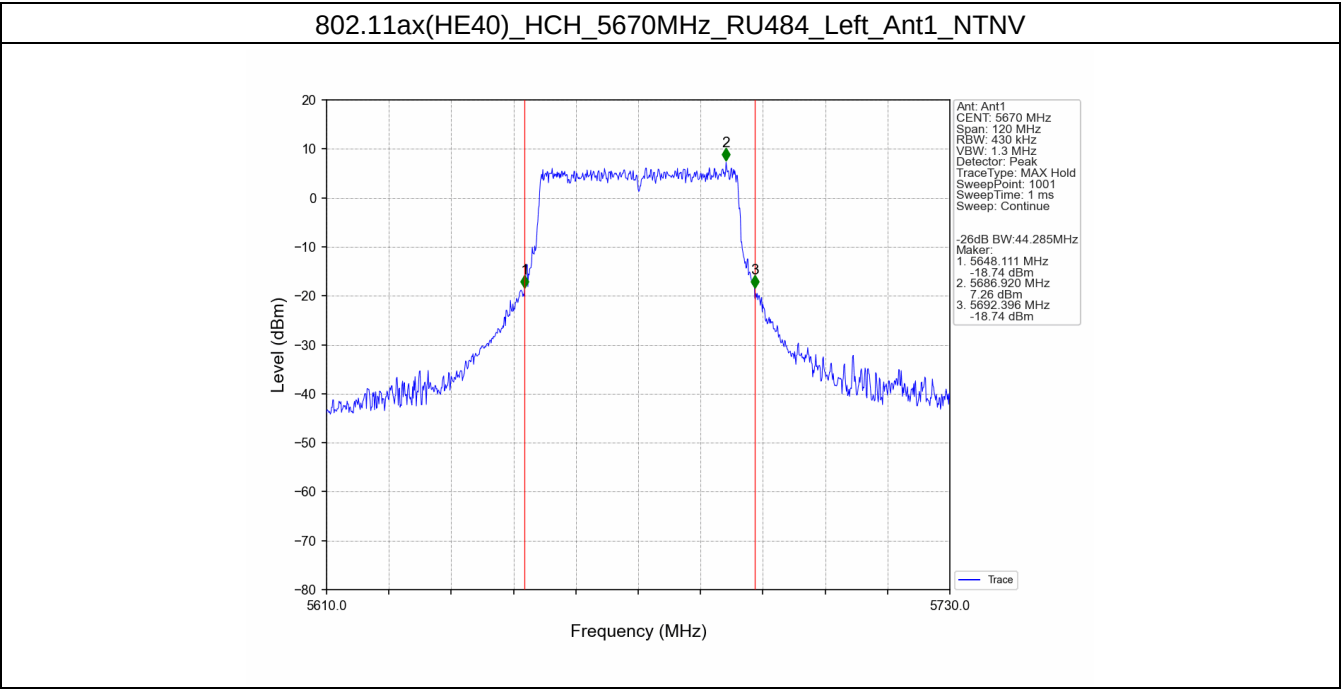


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## 3. Maximum Conducted Output Power

### 3.1 Test Result

#### 3.1.1 Power

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | Maximum Average Conducted Output Power (dBm) |         | Verdict |
|------------------|---------|-----------------|-------|--------|----------------------------------------------|---------|---------|
|                  |         |                 |       |        | ANT1                                         | Limit   |         |
| 802.11a          | SISO    | 5180            | /     | /      | 12.24                                        | /       | Pass    |
|                  |         | 5200            | /     | /      | 13.89                                        | /       | Pass    |
|                  |         | 5240            | /     | /      | 14.46                                        | /       | Pass    |
|                  |         | 5260            | /     | /      | 14.97                                        | <=23.74 | Pass    |
|                  |         | 5300            | /     | /      | 14.71                                        | <=23.76 | Pass    |
|                  |         | 5320            | /     | /      | 14.61                                        | <=23.74 | Pass    |
|                  |         | 5500            | /     | /      | 14.01                                        | <=23.78 | Pass    |
|                  |         | 5580            | /     | /      | 13.33                                        | <=23.78 | Pass    |
|                  |         | 5700            | /     | /      | 12.07                                        | <=23.76 | Pass    |
|                  |         | 5745            | /     | /      | 13.93                                        | <=30    | Pass    |
|                  |         | 5785            | /     | /      | 12.66                                        | <=30    | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | /     | /      | 13.36                                        | /       | Pass    |
|                  |         | 5200            | /     | /      | 13.36                                        | /       | Pass    |
|                  |         | 5240            | /     | /      | 14.82                                        | /       | Pass    |
|                  |         | 5260            | /     | /      | 14.56                                        | <=23.92 | Pass    |
|                  |         | 5300            | /     | /      | 15.06                                        | <=23.97 | Pass    |
|                  |         | 5320            | /     | /      | 15.81                                        | <=23.97 | Pass    |
|                  |         | 5500            | /     | /      | 15.38                                        | <=23.98 | Pass    |
|                  |         | 5580            | /     | /      | 15.19                                        | <=23.98 | Pass    |
|                  |         | 5700            | /     | /      | 14.40                                        | <=23.98 | Pass    |
|                  |         | 5745            | /     | /      | 13.63                                        | <=30    | Pass    |
|                  |         | 5785            | /     | /      | 12.41                                        | <=30    | Pass    |
| 802.11ac (VHT40) | SISO    | 5190            | /     | /      | 14.16                                        | /       | Pass    |
|                  |         | 5230            | /     | /      | 15.24                                        | /       | Pass    |
|                  |         | 5270            | /     | /      | 14.09                                        | <=23.98 | Pass    |
|                  |         | 5310            | /     | /      | 14.25                                        | <=23.98 | Pass    |
|                  |         | 5510            | /     | /      | 14.48                                        | <=23.98 | Pass    |
|                  |         | 5550            | /     | /      | 15.78                                        | <=23.98 | Pass    |
|                  |         | 5670            | /     | /      | 14.45                                        | <=23.98 | Pass    |
|                  |         | 5755            | /     | /      | 13.37                                        | <=30    | Pass    |
|                  |         | 5795            | /     | /      | 12.37                                        | <=30    | Pass    |
| 802.11ax (HEW20) | SISO    | 5180            | RU242 | Left   | 14.15                                        | /       | Pass    |
|                  |         | 5200            | RU242 | Left   | 13.35                                        | /       | Pass    |
|                  |         | 5240            | RU242 | Left   | 14.40                                        | /       | Pass    |
|                  |         | 5260            | RU242 | Left   | 14.81                                        | <=23.98 | Pass    |
|                  |         | 5300            | RU242 | Left   | 15.83                                        | <=23.98 | Pass    |
|                  |         | 5320            | RU242 | Left   | 15.29                                        | <=23.98 | Pass    |
|                  |         | 5500            | RU242 | Left   | 15.45                                        | <=23.98 | Pass    |

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|                     |      |      |       |      |       |         |      |
|---------------------|------|------|-------|------|-------|---------|------|
|                     |      | 5580 | RU242 | Left | 14.72 | <=23.98 | Pass |
|                     |      | 5700 | RU242 | Left | 14.09 | <=23.98 | Pass |
|                     |      | 5745 | RU242 | Left | 14.08 | <=30    | Pass |
|                     |      | 5785 | RU242 | Left | 12.86 | <=30    | Pass |
|                     |      | 5825 | RU242 | Left | 12.93 | <=30    | Pass |
| 802.11ax<br>(HEW40) | SISO | 5190 | RU484 | Left | 13.97 | /       | Pass |
|                     |      | 5230 | RU484 | Left | 14.77 | /       | Pass |
|                     |      | 5270 | RU484 | Left | 15.38 | <=23.98 | Pass |
|                     |      | 5310 | RU484 | Left | 14.68 | <=23.98 | Pass |
|                     |      | 5510 | RU484 | Left | 14.70 | <=23.98 | Pass |
|                     |      | 5550 | RU484 | Left | 15.70 | <=23.98 | Pass |
|                     |      | 5670 | RU484 | Left | 14.76 | <=23.98 | Pass |
|                     |      | 5755 | RU484 | Left | 11.61 | <=30    | Pass |
|                     |      | 5795 | RU484 | Left | 12.48 | <=30    | Pass |

Note1: Antenna Gain: Ant1: 2.90dBi;

### 3.1.2 EIRP

| Mode                | TX Type | Frequency (MHz) | RU | RU Pos | E.I.R.P (dBm) |         | Verdict |
|---------------------|---------|-----------------|----|--------|---------------|---------|---------|
|                     |         |                 |    |        | ANT1          | Limit   |         |
| 802.11a             | SISO    | 5180            | /  | /      | 15.14         | <=22.74 | Pass    |
|                     |         | 5200            | /  | /      | 16.79         | <=22.75 | Pass    |
|                     |         | 5240            | /  | /      | 17.36         | <=22.74 | Pass    |
|                     |         | 5260            | /  | /      | 17.87         | <=29.74 | Pass    |
|                     |         | 5300            | /  | /      | 17.61         | <=29.76 | Pass    |
|                     |         | 5320            | /  | /      | 17.51         | <=29.74 | Pass    |
|                     |         | 5500            | /  | /      | 16.71         | <=29.78 | Pass    |
|                     |         | 5580            | /  | /      | 16.03         | <=29.78 | Pass    |
|                     |         | 5700            | /  | /      | 14.77         | <=29.76 | Pass    |
|                     |         | 5745            | /  | /      | 16.53         | /       | Pass    |
|                     |         | 5785            | /  | /      | 15.26         | /       | Pass    |
| 802.11ac<br>(VHT20) | SISO    | 5825            | /  | /      | 15.47         | /       | Pass    |
|                     |         | 5180            | /  | /      | 16.26         | <=22.95 | Pass    |
|                     |         | 5200            | /  | /      | 16.26         | <=22.94 | Pass    |
|                     |         | 5240            | /  | /      | 17.72         | <=22.95 | Pass    |
|                     |         | 5260            | /  | /      | 17.46         | <=29.92 | Pass    |
|                     |         | 5300            | /  | /      | 17.96         | <=29.97 | Pass    |
|                     |         | 5320            | /  | /      | 18.71         | <=29.97 | Pass    |
|                     |         | 5500            | /  | /      | 18.08         | <=30    | Pass    |
|                     |         | 5580            | /  | /      | 17.89         | <=30    | Pass    |
|                     |         | 5700            | /  | /      | 17.10         | <=29.98 | Pass    |
|                     |         | 5745            | /  | /      | 16.23         | /       | Pass    |
| 802.11ac<br>(VHT40) | SISO    | 5785            | /  | /      | 15.01         | /       | Pass    |
|                     |         | 5825            | /  | /      | 14.96         | /       | Pass    |
|                     |         | 5190            | /  | /      | 17.06         | <=23.01 | Pass    |
|                     |         | 5230            | /  | /      | 18.14         | <=23.01 | Pass    |
|                     |         | 5270            | /  | /      | 16.99         | <=30    | Pass    |
|                     |         | 5310            | /  | /      | 17.15         | <=30    | Pass    |
|                     |         | 5510            | /  | /      | 17.18         | <=30    | Pass    |
|                     |         | 5550            | /  | /      | 18.48         | <=30    | Pass    |
|                     |         | 5670            | /  | /      | 17.15         | <=30    | Pass    |

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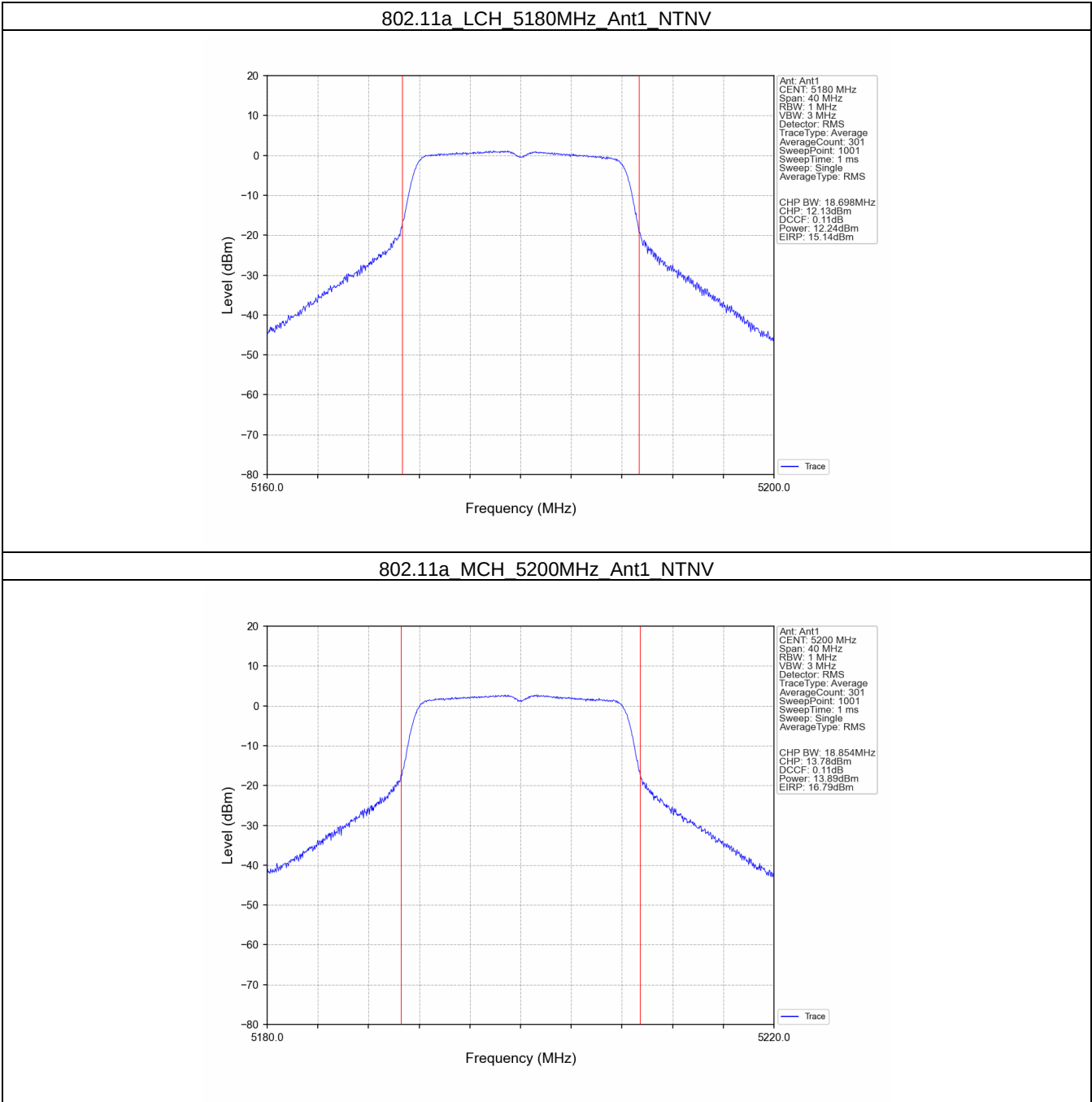
|                     |      |      |       |      |       |         |      |
|---------------------|------|------|-------|------|-------|---------|------|
|                     |      | 5755 | /     | /    | 15.97 | /       | Pass |
|                     |      | 5795 | /     | /    | 14.97 | /       | Pass |
| 802.11ax<br>(HEW20) | SISO | 5180 | RU242 | Left | 17.05 | <=23.01 | Pass |
|                     |      | 5200 | RU242 | Left | 16.25 | <=23.01 | Pass |
|                     |      | 5240 | RU242 | Left | 17.30 | <=23.01 | Pass |
|                     |      | 5260 | RU242 | Left | 17.71 | <=30    | Pass |
|                     |      | 5300 | RU242 | Left | 18.73 | <=30    | Pass |
|                     |      | 5320 | RU242 | Left | 18.19 | <=30    | Pass |
|                     |      | 5500 | RU242 | Left | 18.15 | <=30    | Pass |
|                     |      | 5580 | RU242 | Left | 17.42 | <=30    | Pass |
|                     |      | 5700 | RU242 | Left | 16.79 | <=30    | Pass |
|                     |      | 5745 | RU242 | Left | 16.68 | /       | Pass |
|                     |      | 5785 | RU242 | Left | 15.46 | /       | Pass |
|                     |      | 5825 | RU242 | Left | 15.53 | /       | Pass |
| 802.11ax<br>(HEW40) | SISO | 5190 | RU484 | Left | 16.87 | <=23.01 | Pass |
|                     |      | 5230 | RU484 | Left | 17.67 | <=23.01 | Pass |
|                     |      | 5270 | RU484 | Left | 18.28 | <=30    | Pass |
|                     |      | 5310 | RU484 | Left | 17.58 | <=30    | Pass |
|                     |      | 5510 | RU484 | Left | 17.40 | <=30    | Pass |
|                     |      | 5550 | RU484 | Left | 18.40 | <=30    | Pass |
|                     |      | 5670 | RU484 | Left | 17.46 | <=30    | Pass |
|                     |      | 5755 | RU484 | Left | 14.21 | /       | Pass |
|                     |      | 5795 | RU484 | Left | 15.08 | /       | Pass |

Note1: Antenna Gain: Ant1: 2.90dBi;

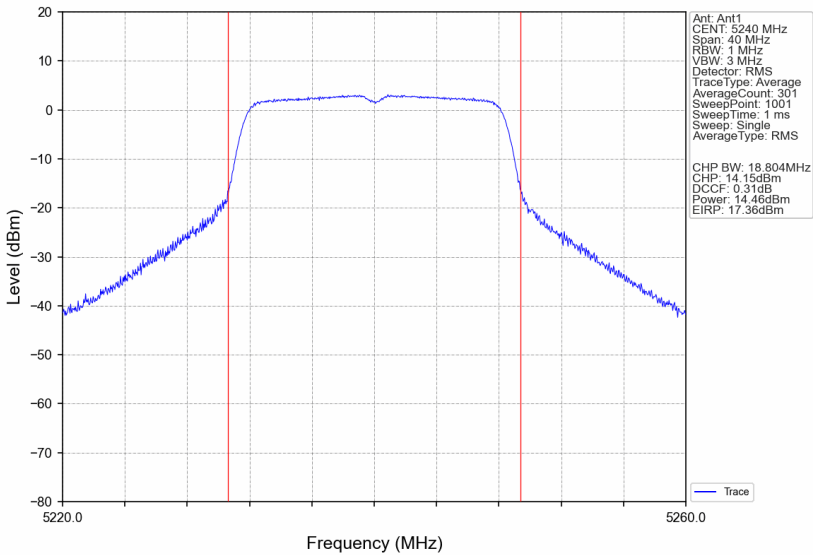
Note2: E.I.R.P = Measured Power + Antenna Gain

### 3.2 Test Graph

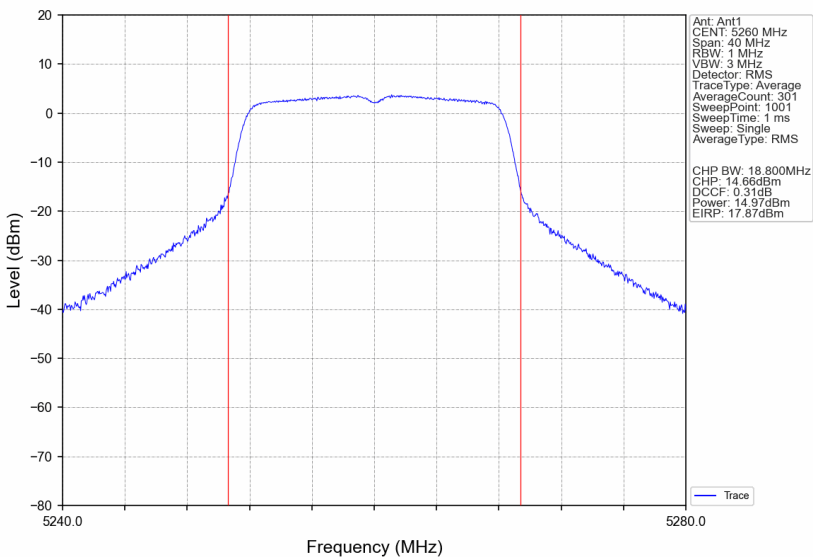
#### 3.2.1 EIRP



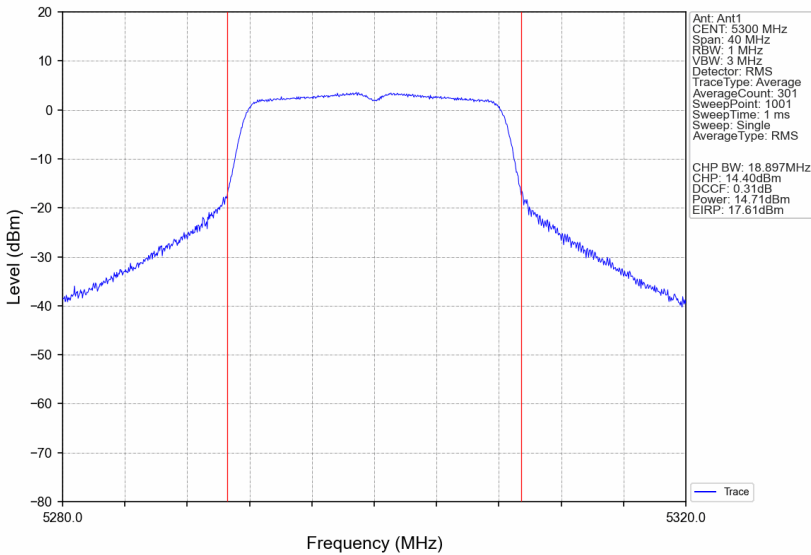
802.11a HCH 5240MHz Ant1 NTN



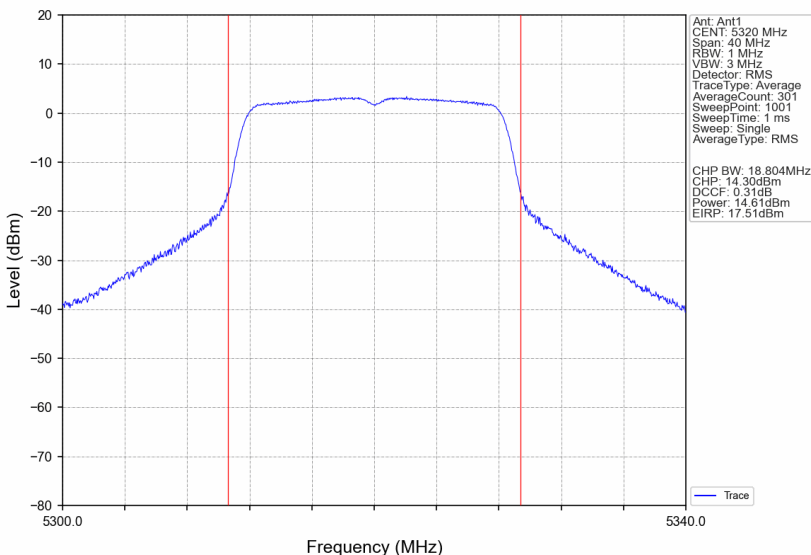
802.11a LCH 5260MHz Ant1 NTN



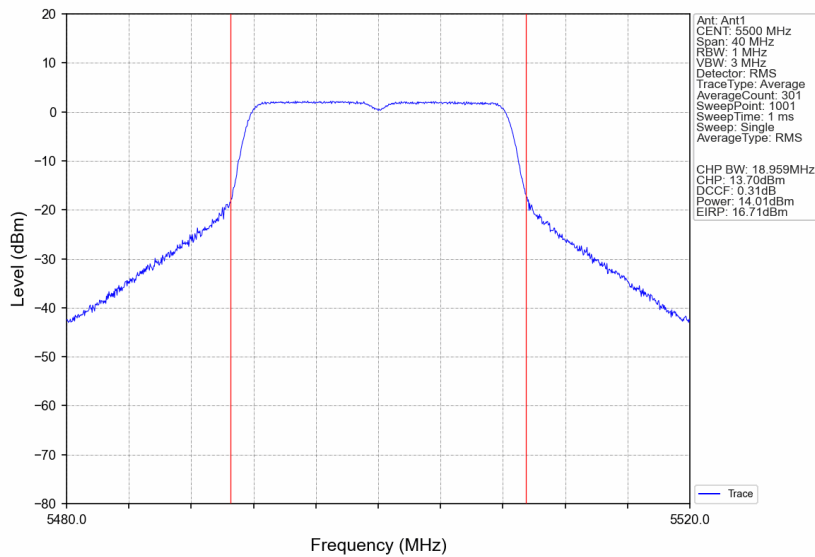
802.11a MCH 5300MHz Ant1 NTNV



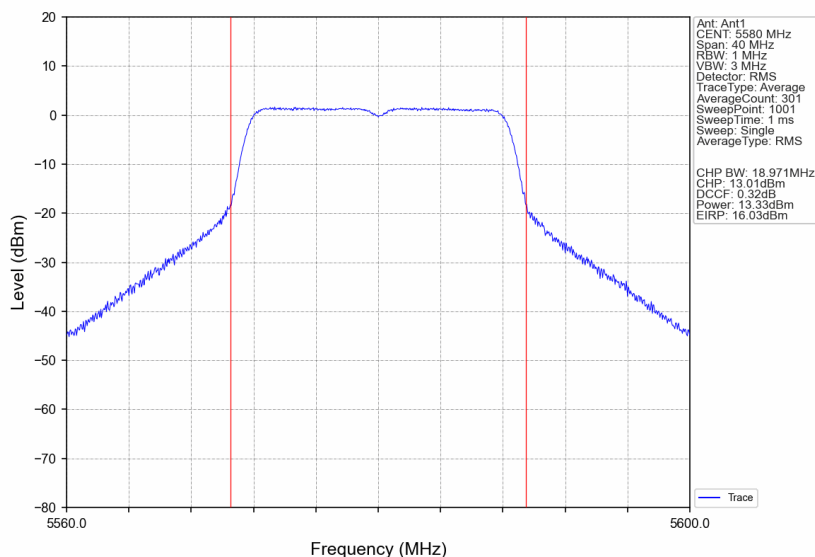
802.11a HCH 5320MHz Ant1 NTNV



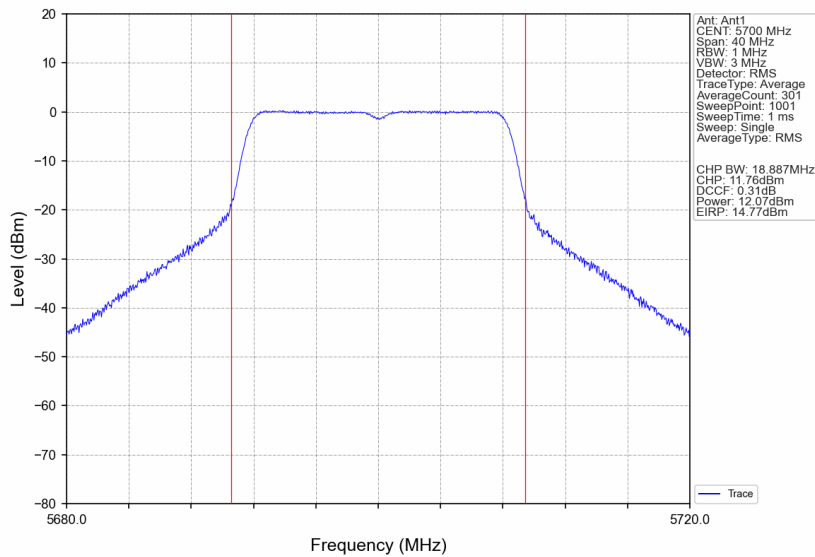
802.11a LCH 5500MHz Ant1 NTNV



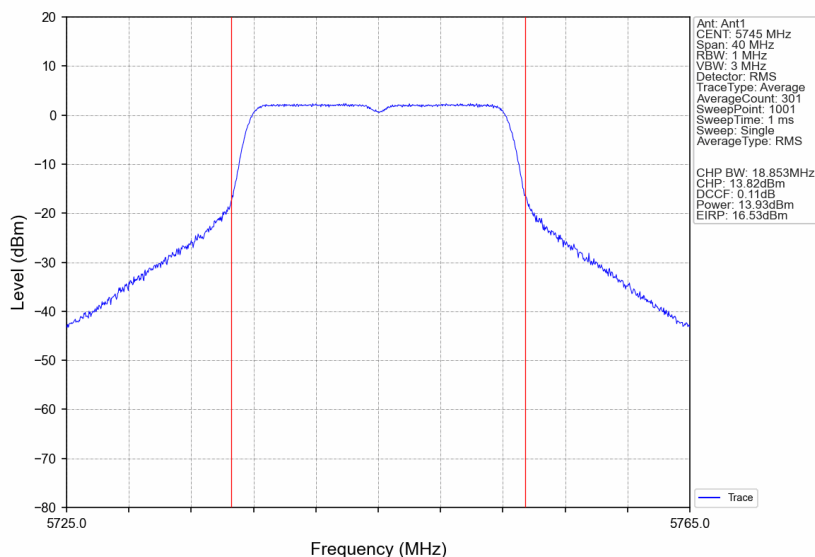
802.11a MCH 5580MHz Ant1 NTNV



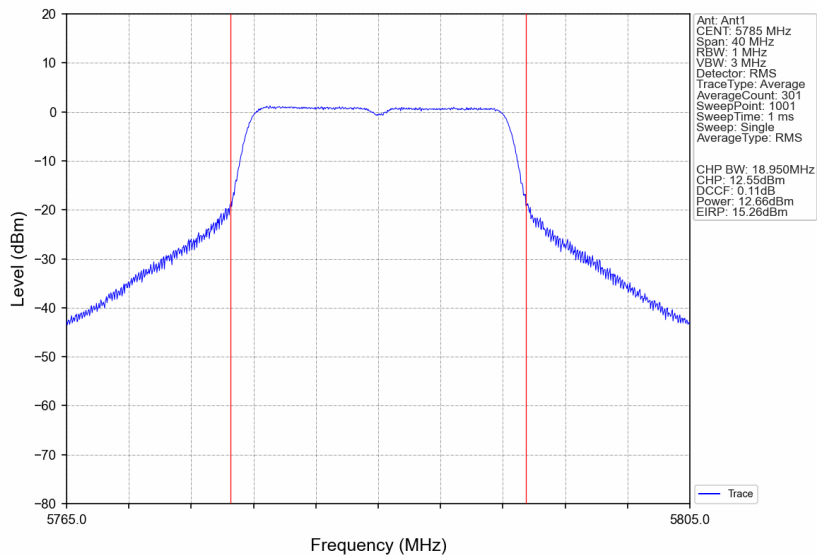
802.11a HCH 5700MHz Ant1 NTN



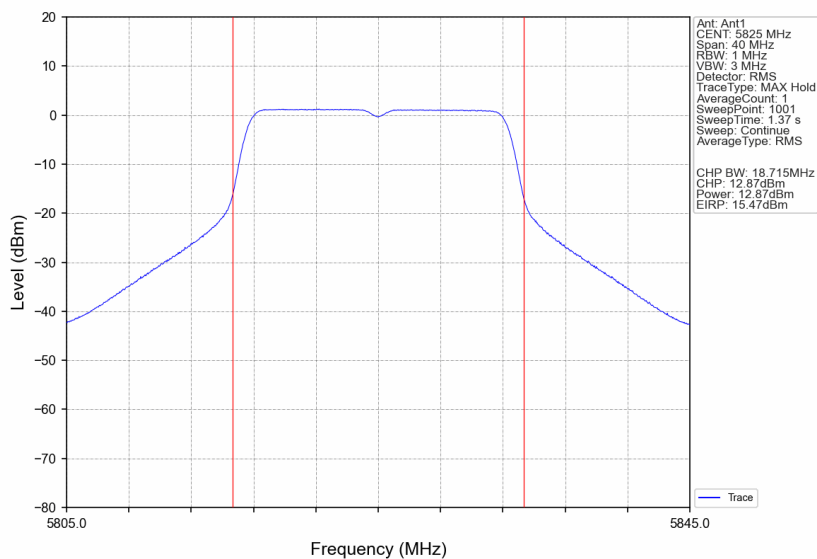
802.11a LCH 5745MHz Ant1 NTN



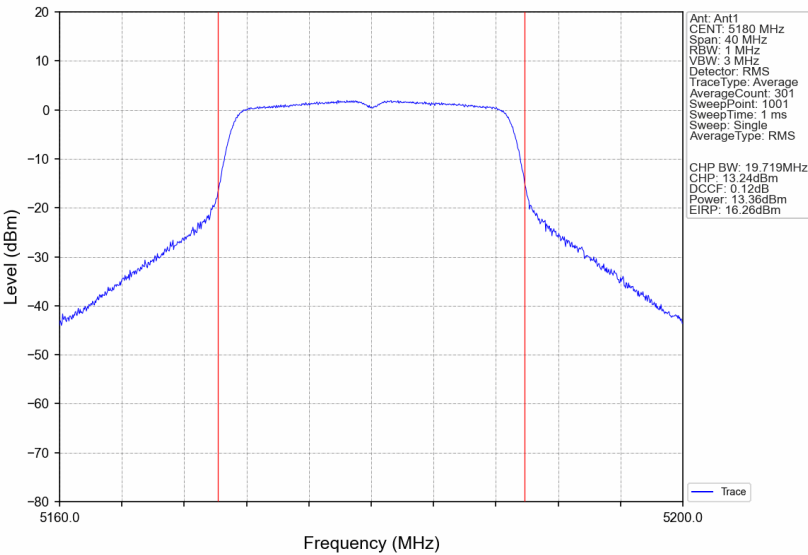
802.11a MCH 5785MHz Ant1 NTNV



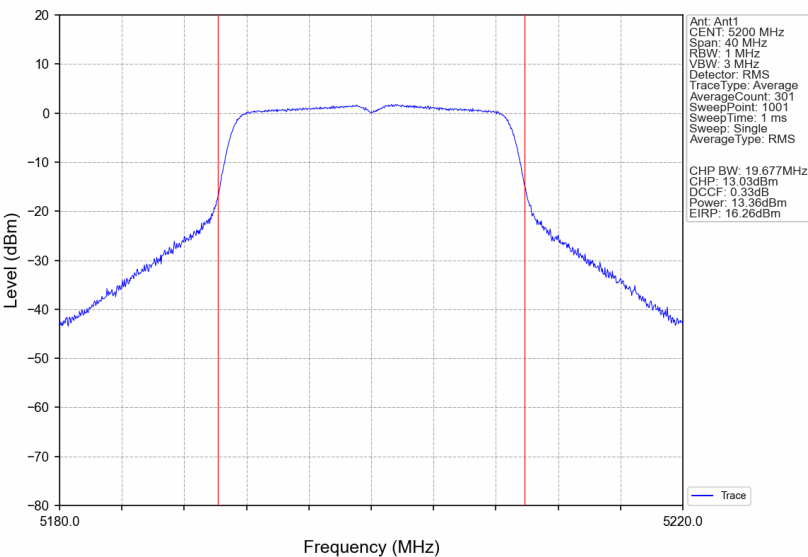
802.11a HCH 5825MHz Ant1 NTNV



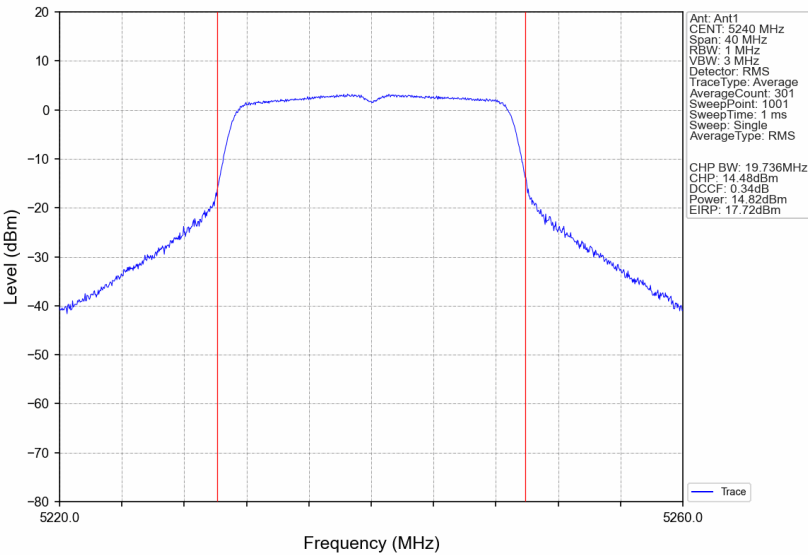
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



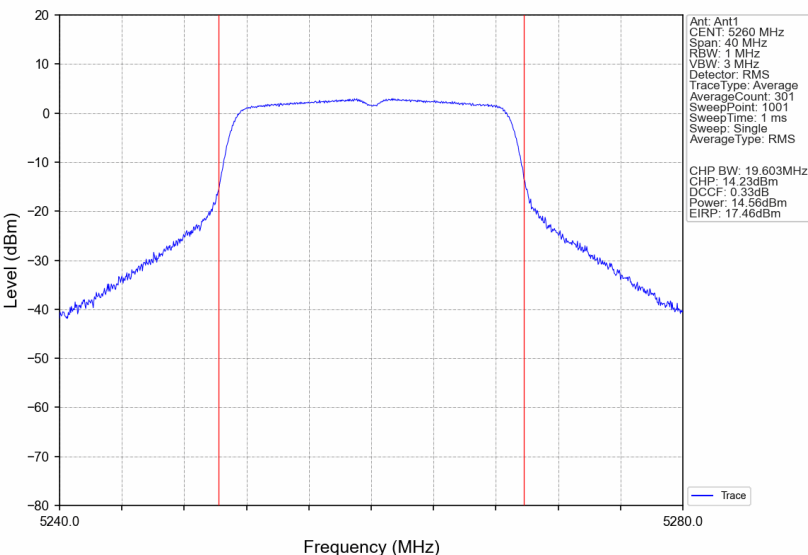
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



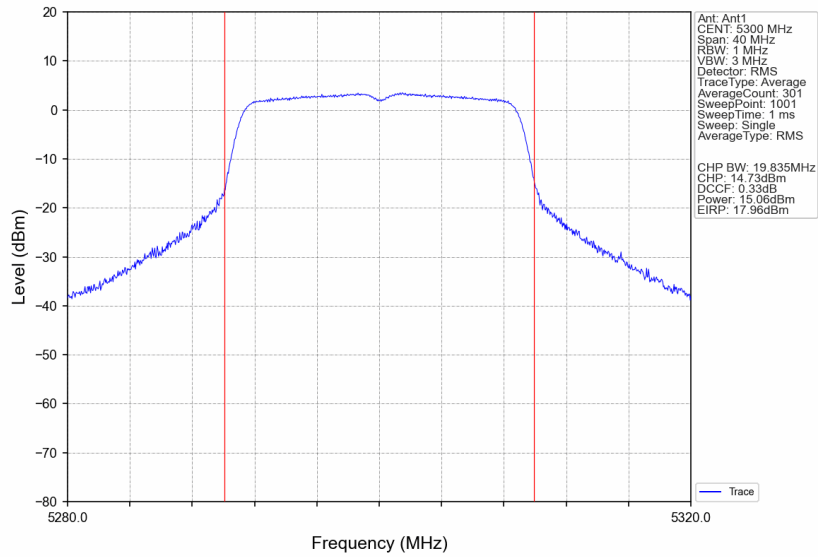
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



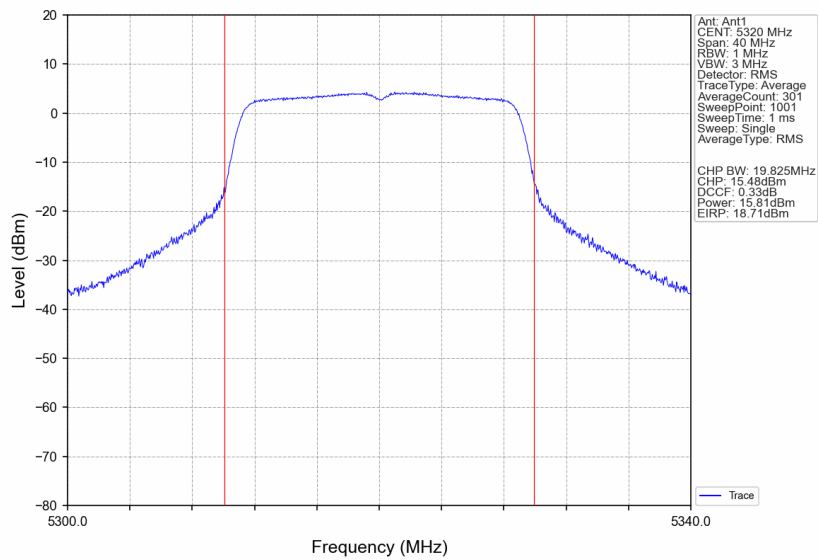
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



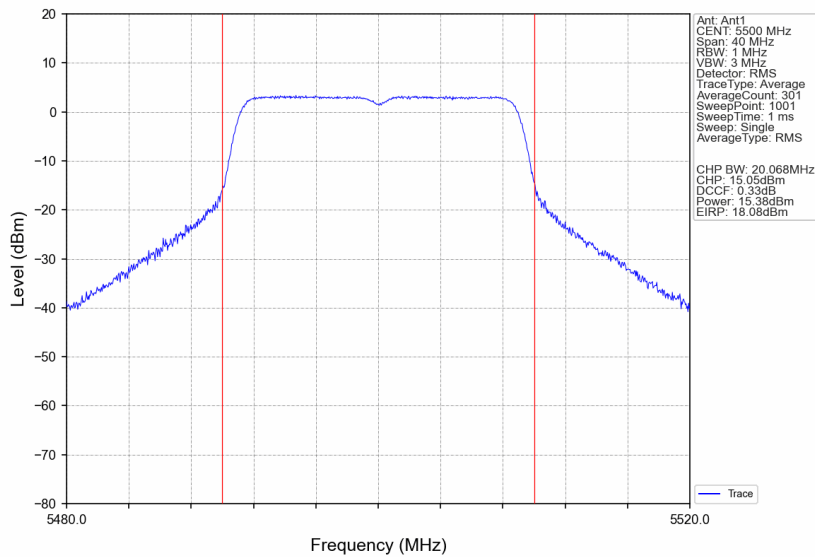
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



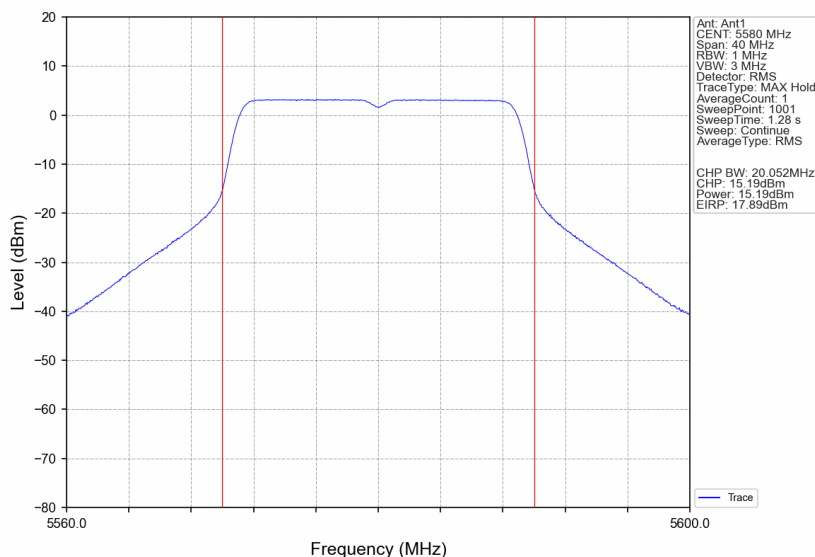
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



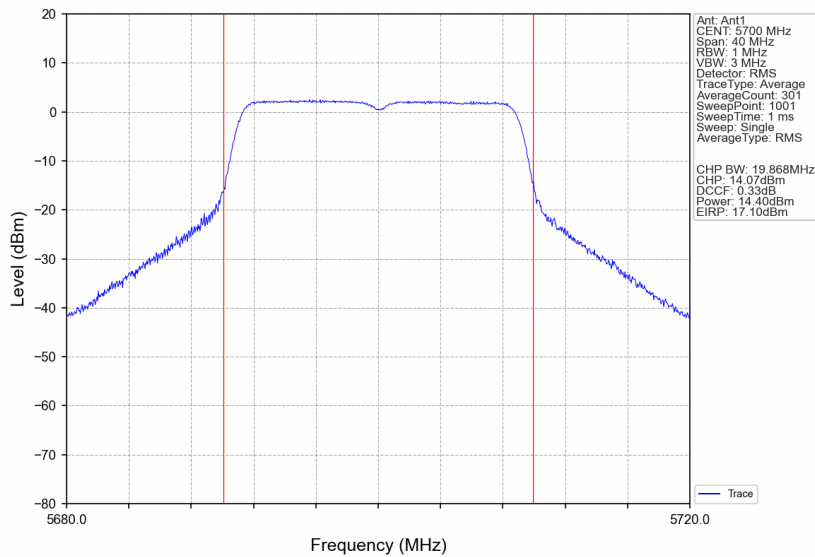
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



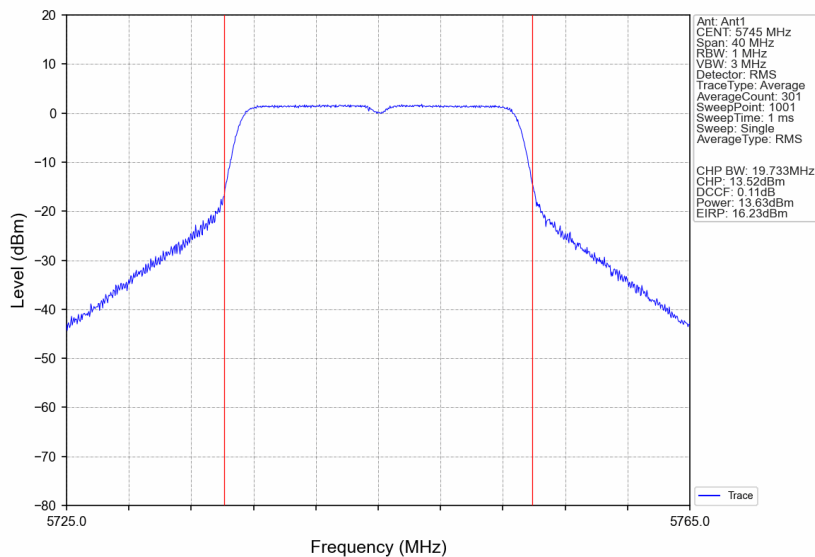
802.11ac(VHT20) MCH 5580MHz Ant1 NTN



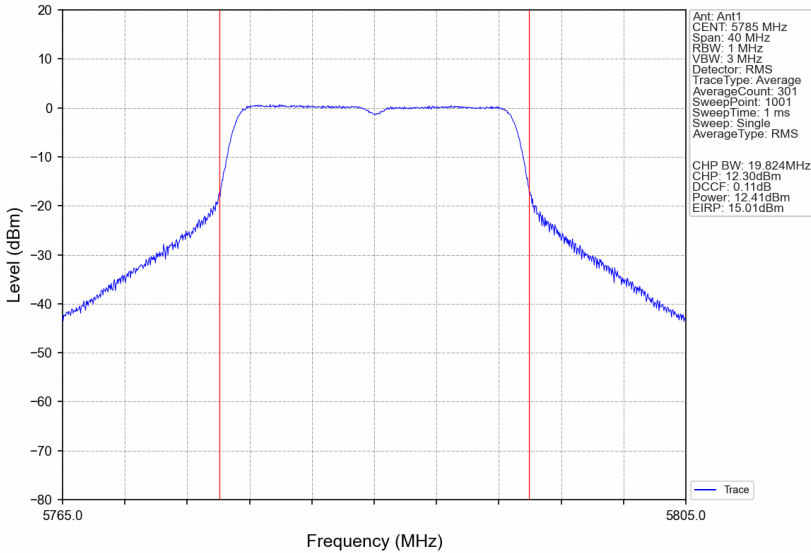
802.11ac(VHT20) HCH 5700MHz Ant1 NTN



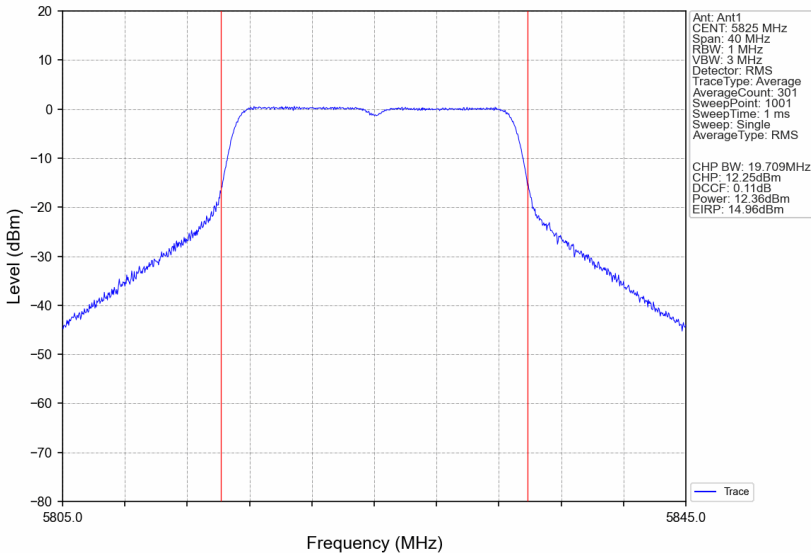
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



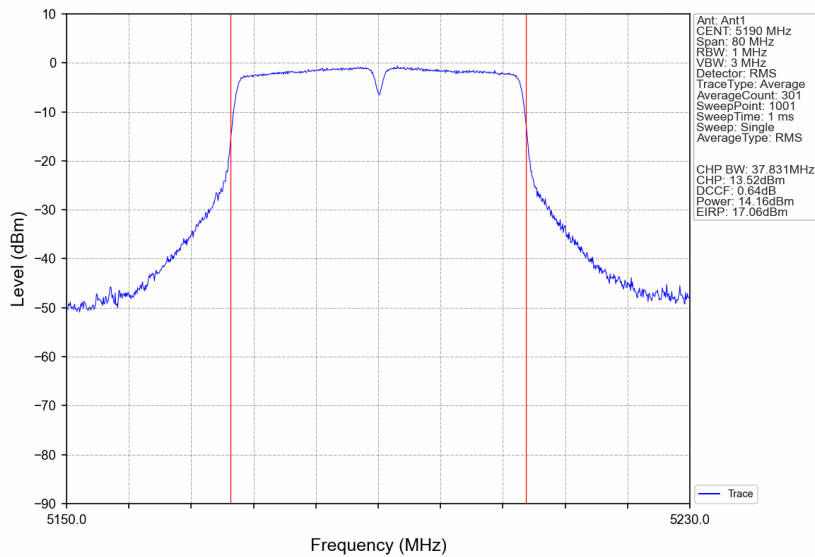
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



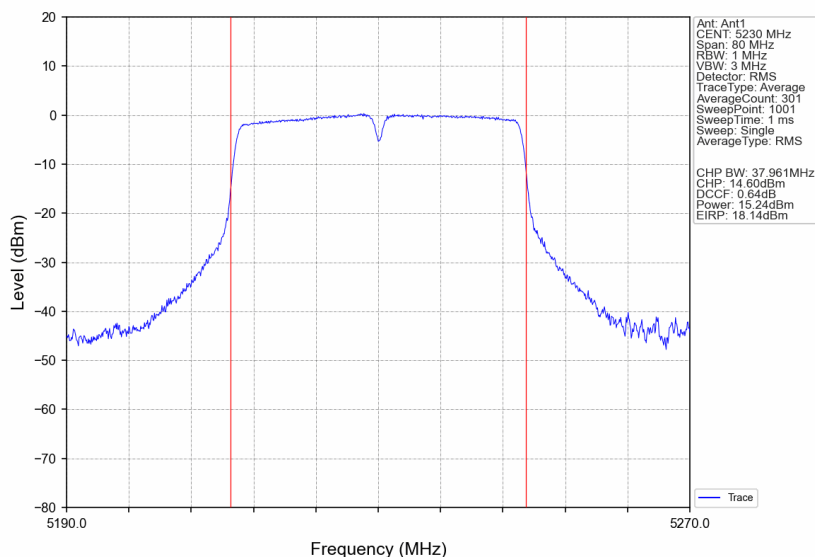
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



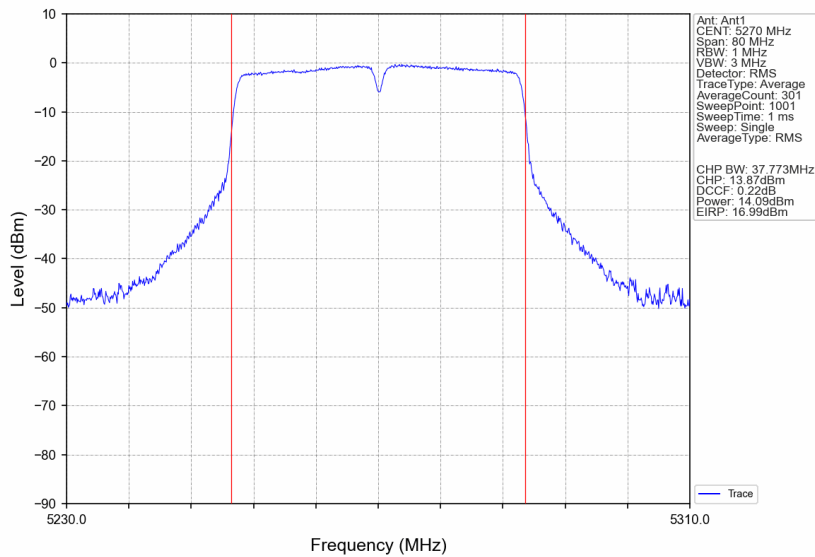
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



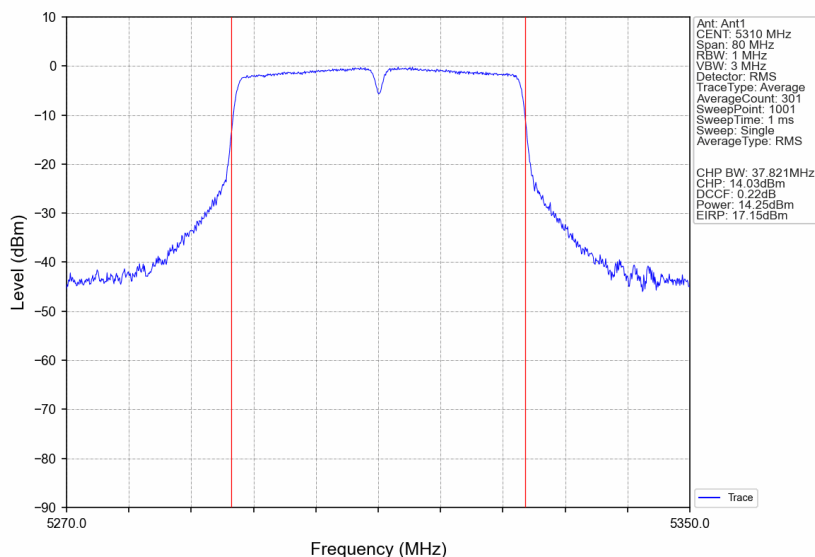
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



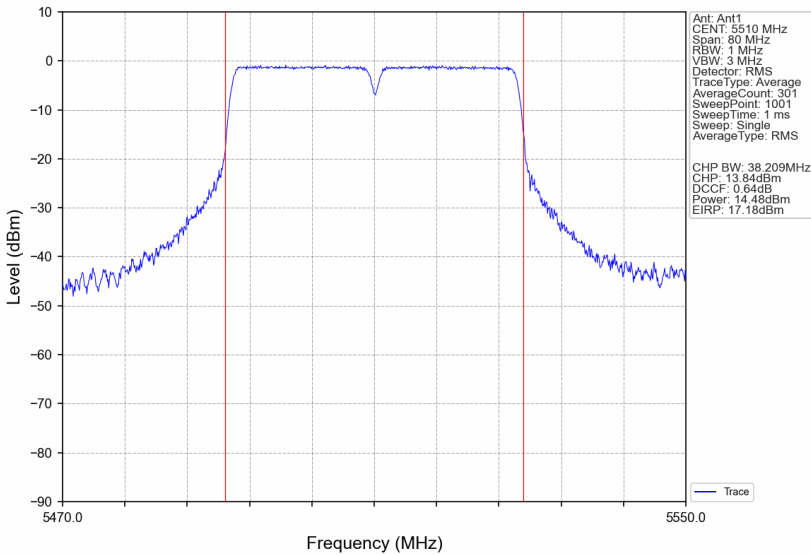
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



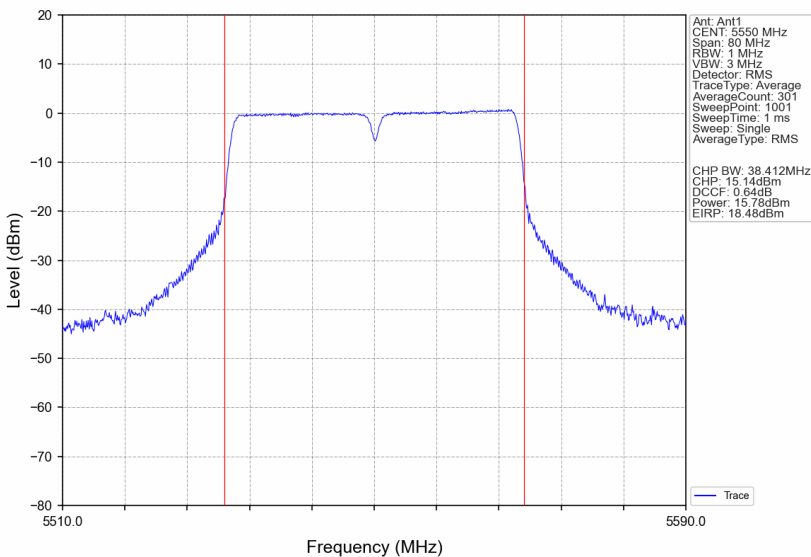
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



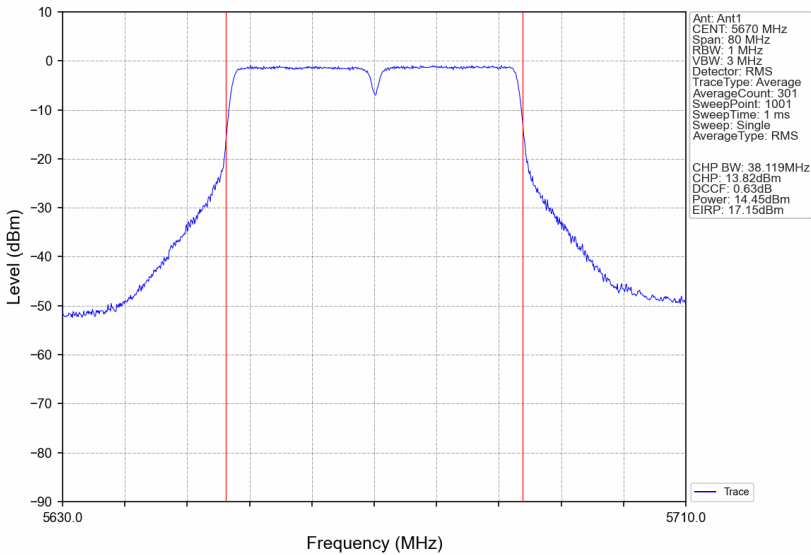
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



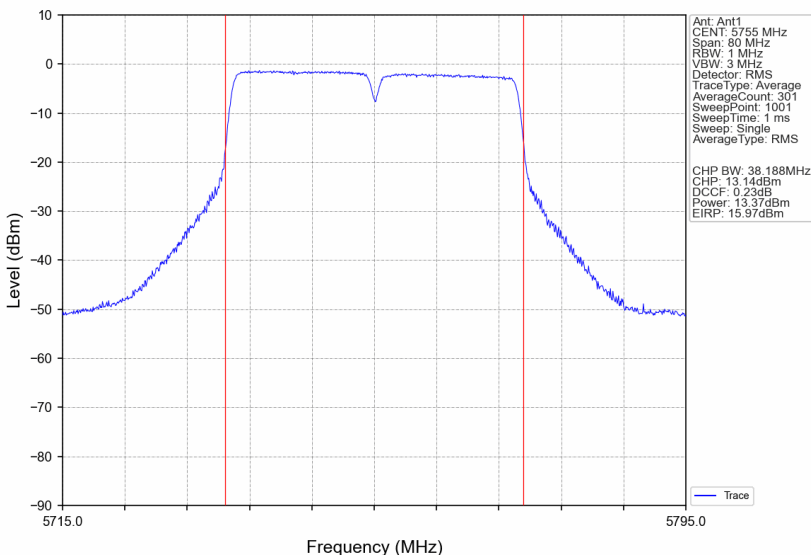
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



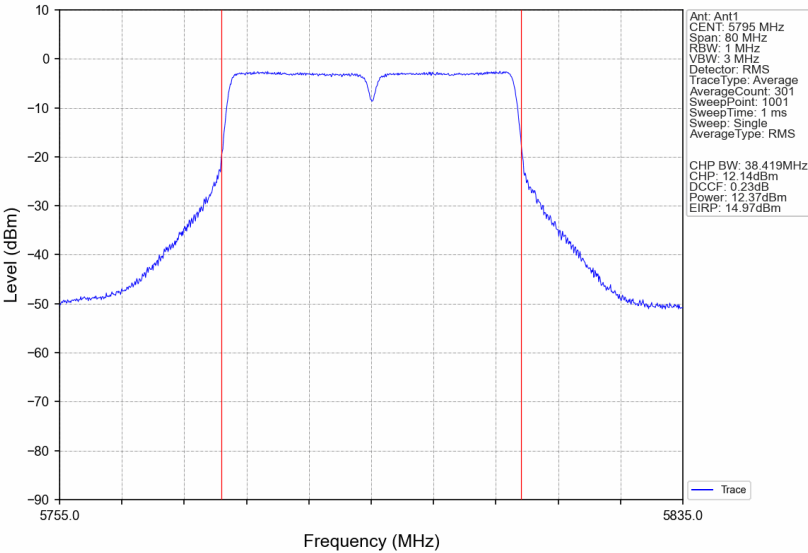
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



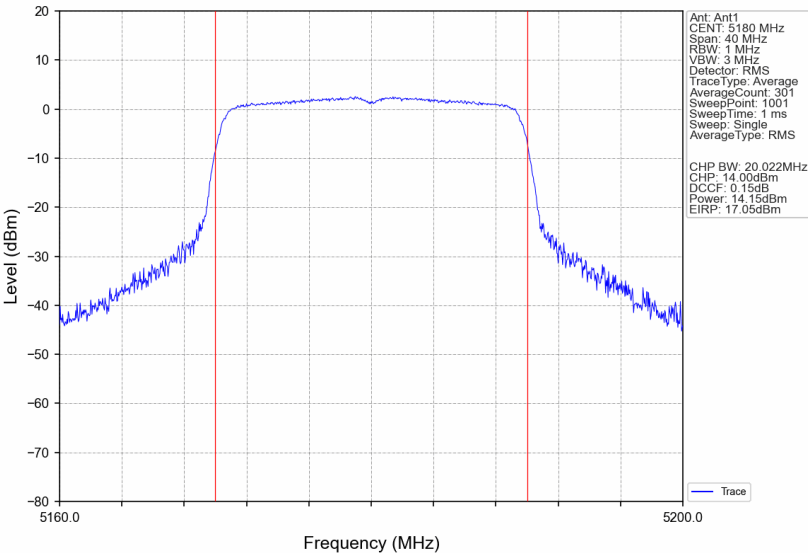
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ax(HEW20) LCH 5180MHz RU242 Left Ant1 NTN

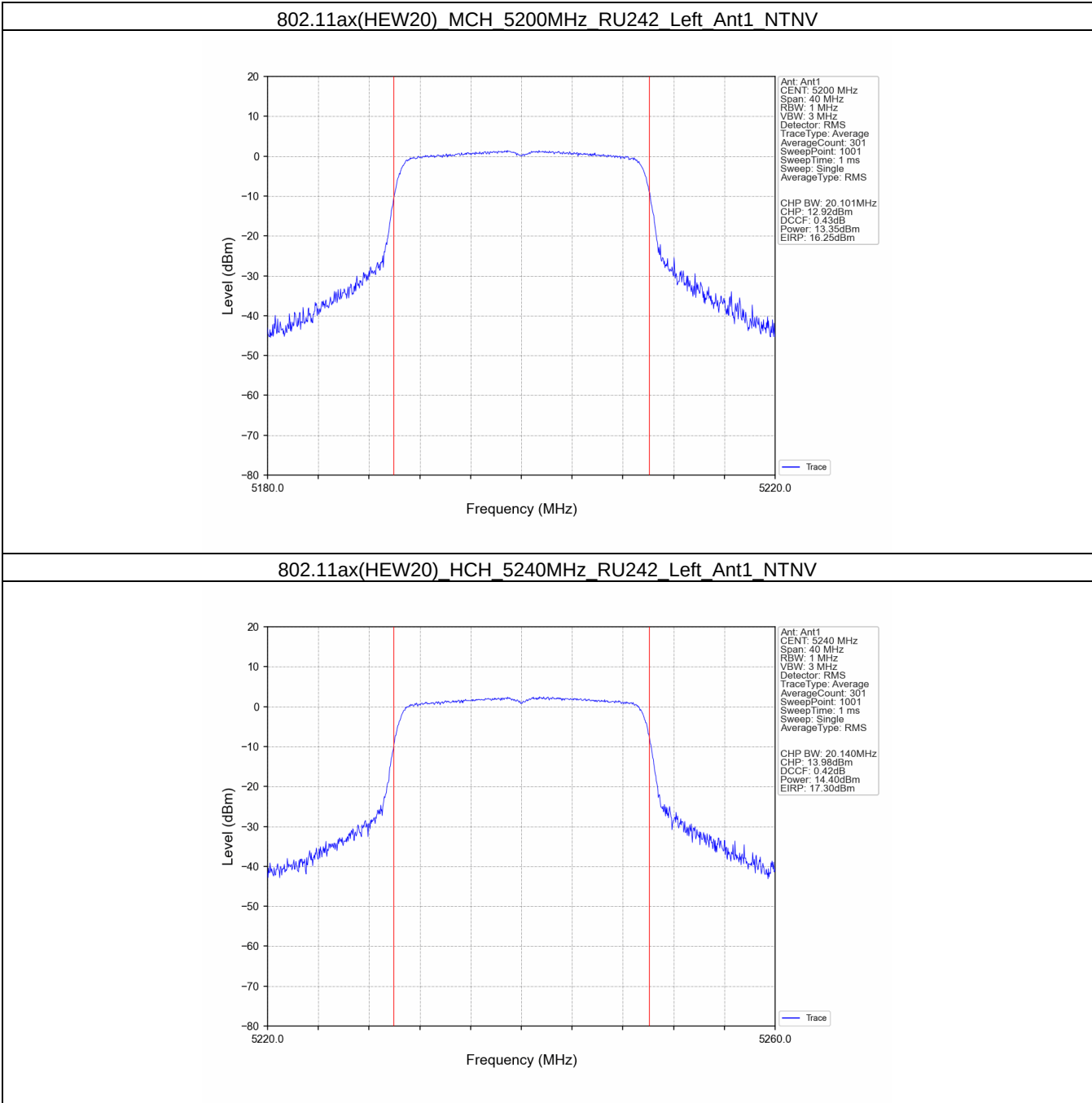


## Compliance Certification Services (Kunshan) Inc.

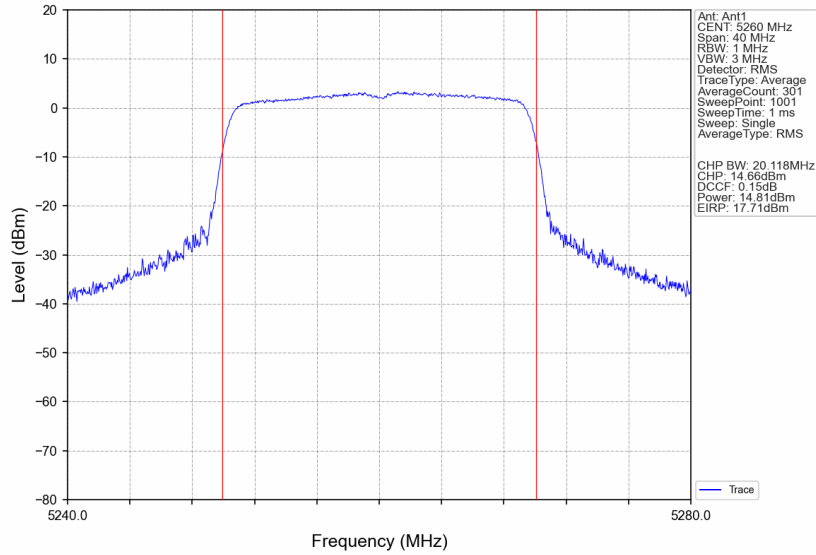
CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240700141903

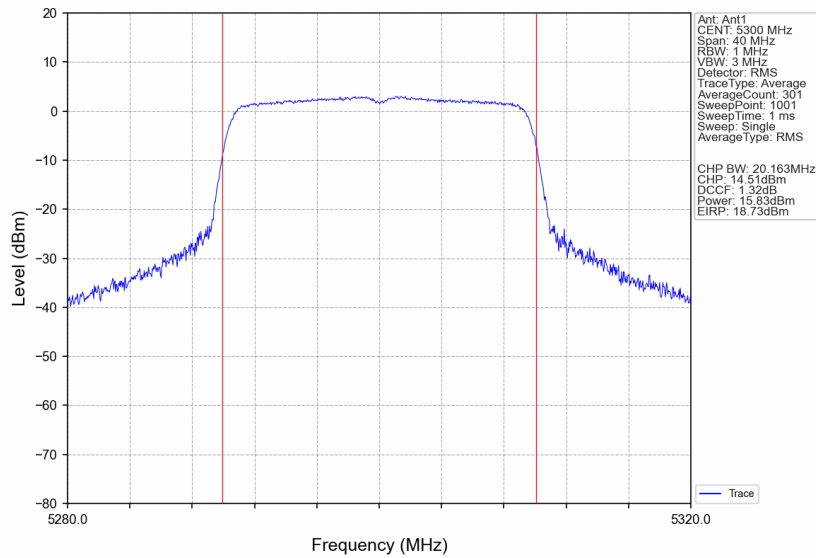
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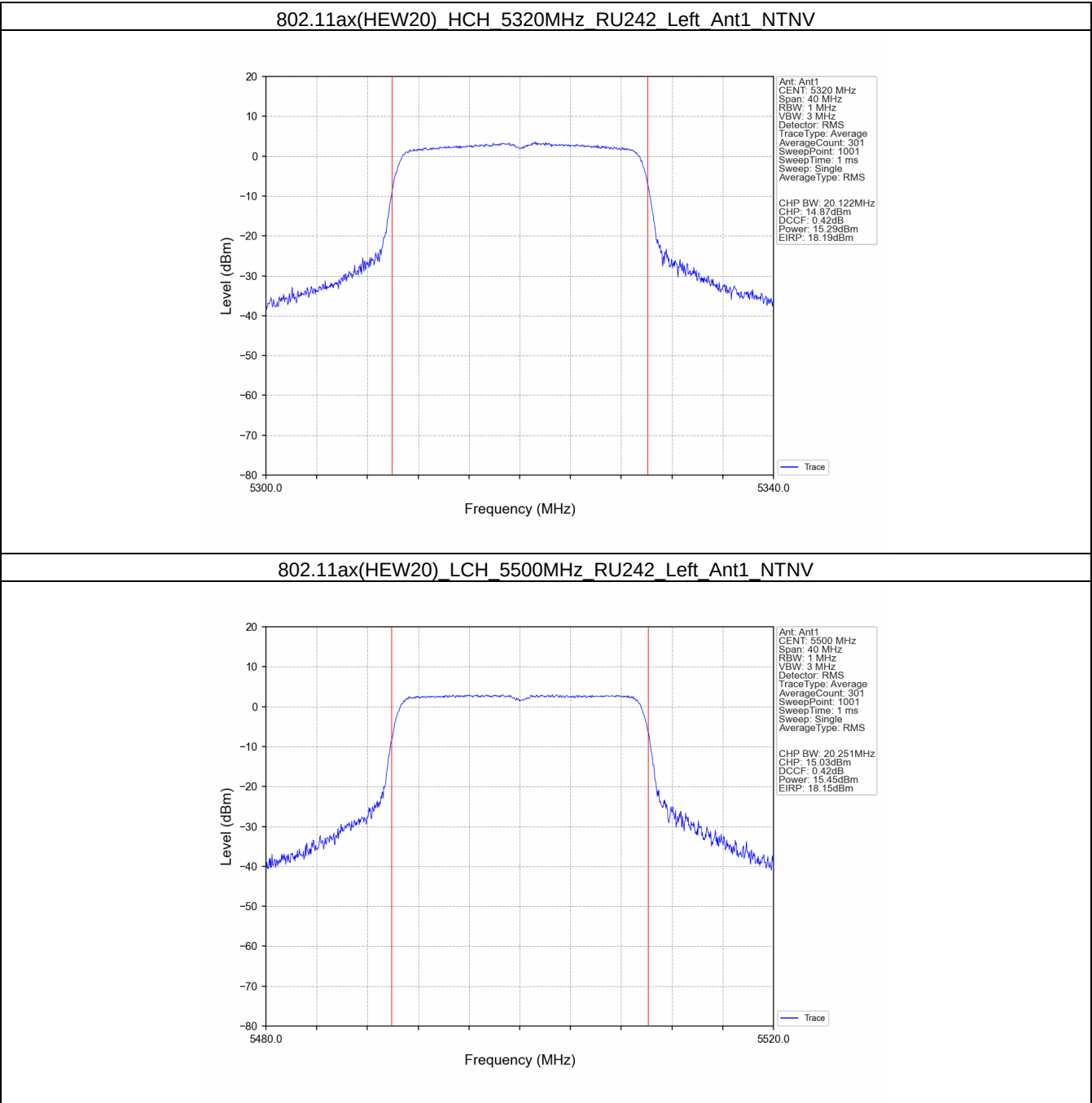


802.11ax(HEW20) LCH 5260MHz RU242 Left Ant1 NTNW



802.11ax(HEW20) MCH 5300MHz RU242 Left Ant1 NTNW





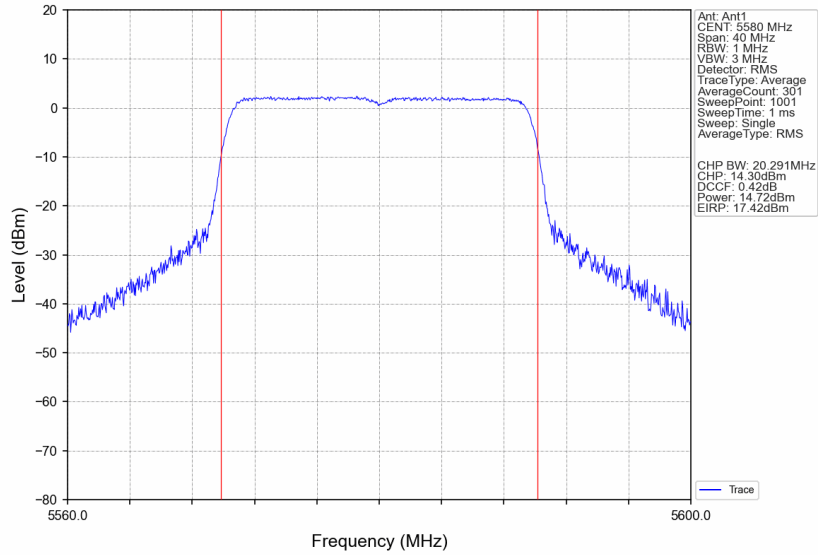
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802.11ax(HEW20) MCH 5580MHz RU242 Left Ant1 NTNv



802.11ax(HEW20) HCH 5700MHz RU242 Left Ant1 NTNv

