

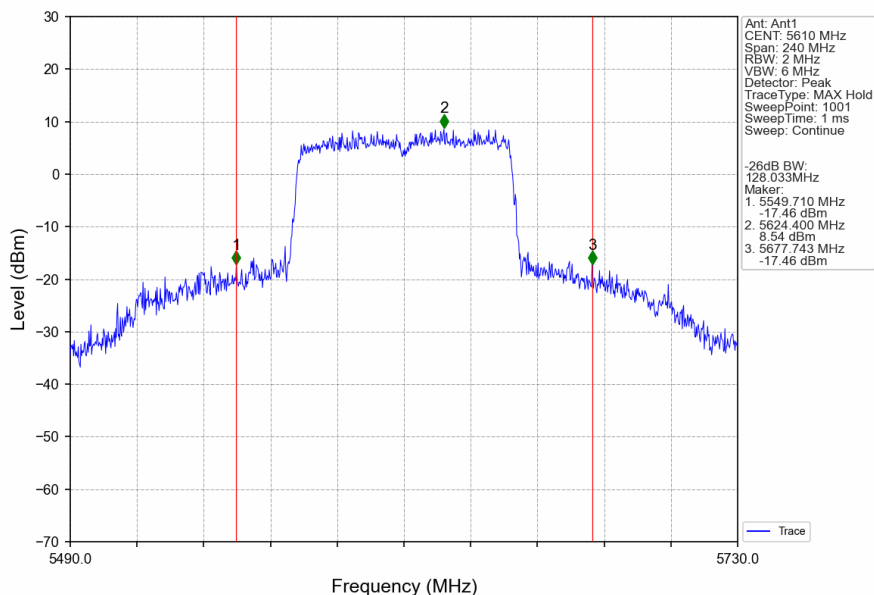
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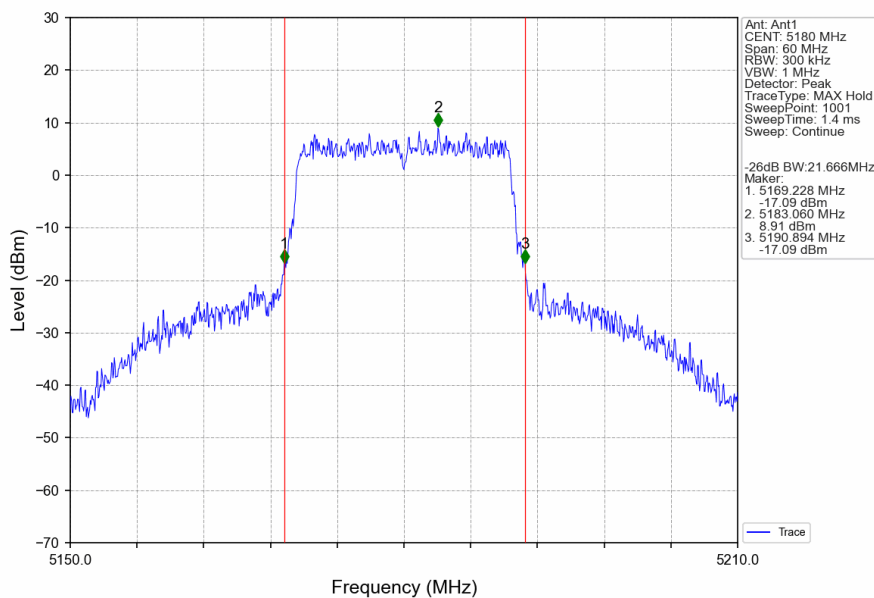
Report No.: FYCR260600009304

Page: 226 of 404

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



### 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



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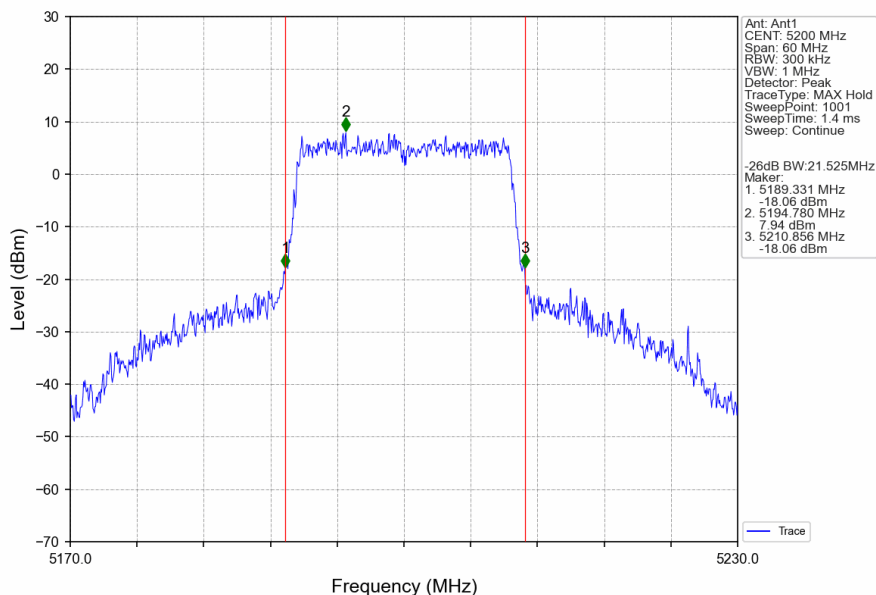
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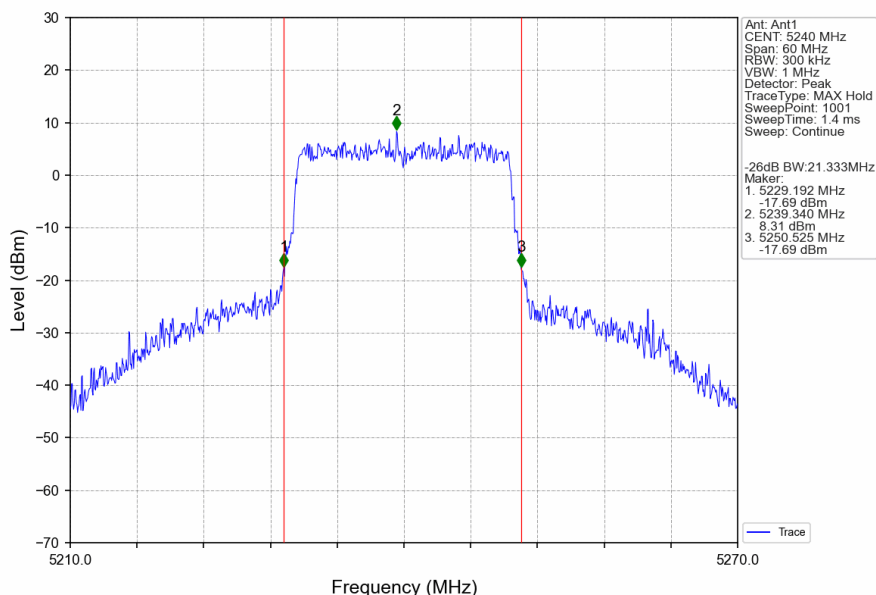
Report No.: FYCR260600009304

Page: 227 of 404

802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



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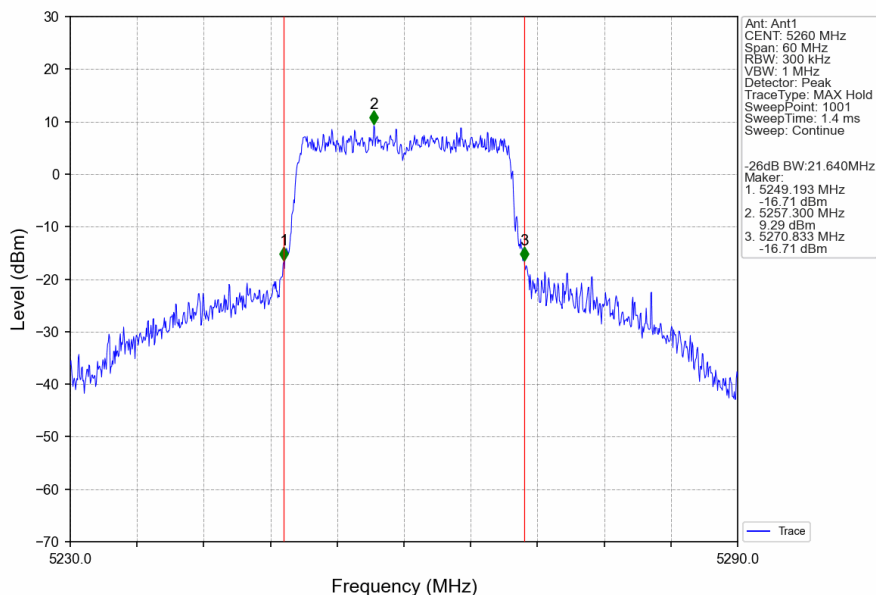
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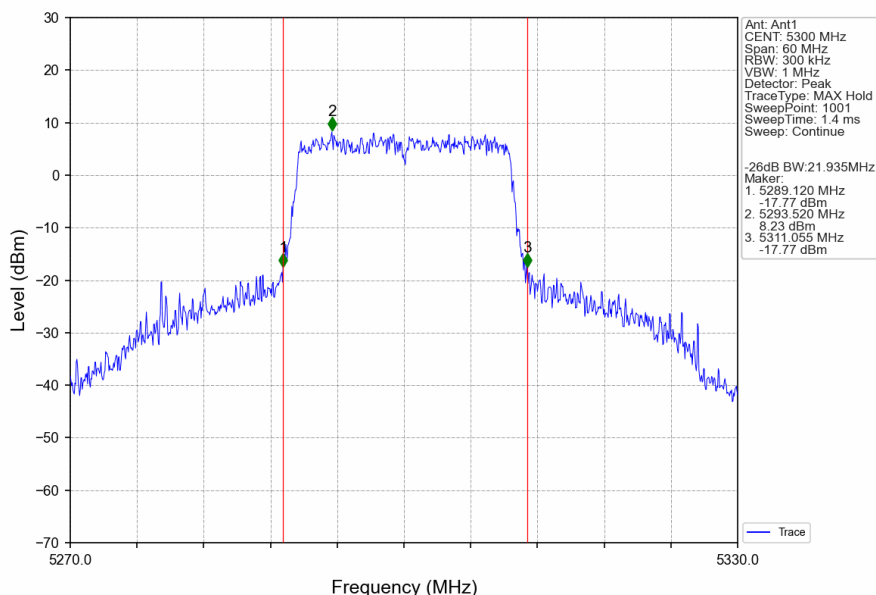
Report No.: FYCR260600009304

Page: 228 of 404

802.11ax(HEW20)\_LCH\_5260MHz\_RU242\_Left\_Ant1\_NTNV



802.11ax(HEW20)\_MCH\_5300MHz\_RU242\_Left\_Ant1\_NTNV



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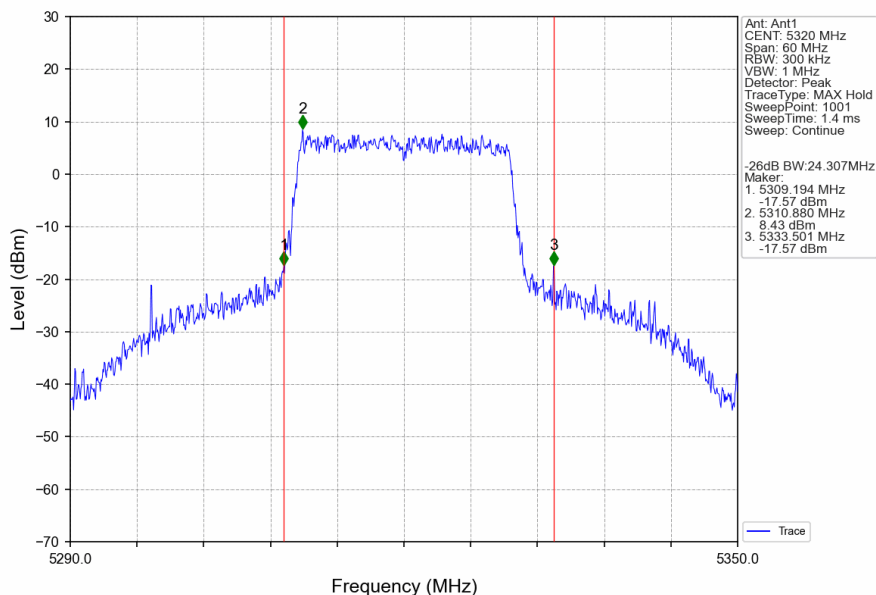
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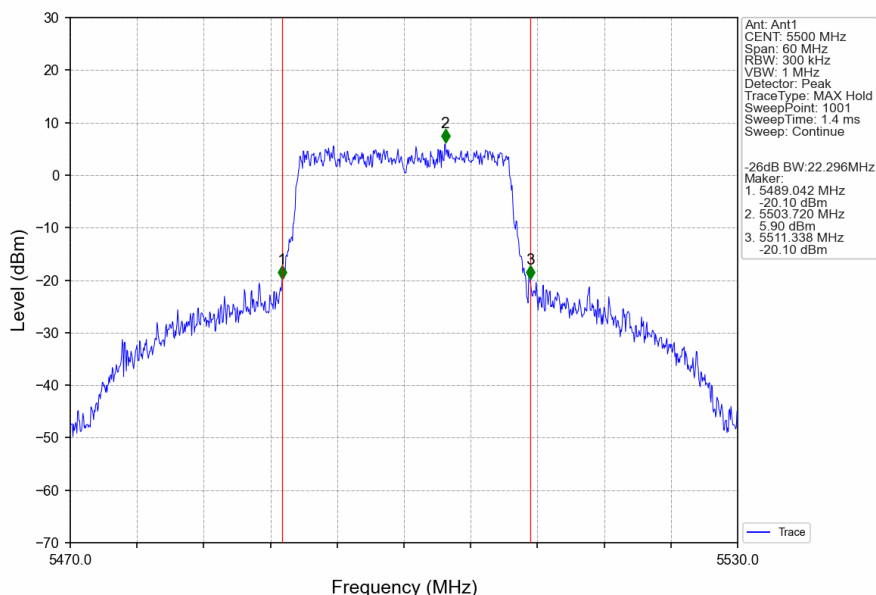
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Page: 229 of 404

802.11ax(HEW20)\_HCH\_5320MHz\_RU242\_Left\_Ant1\_NTNV



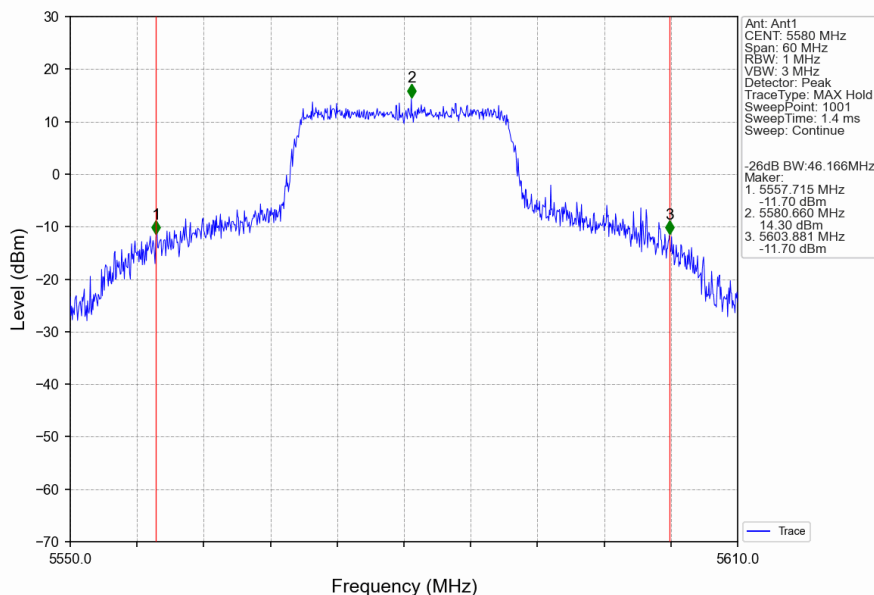
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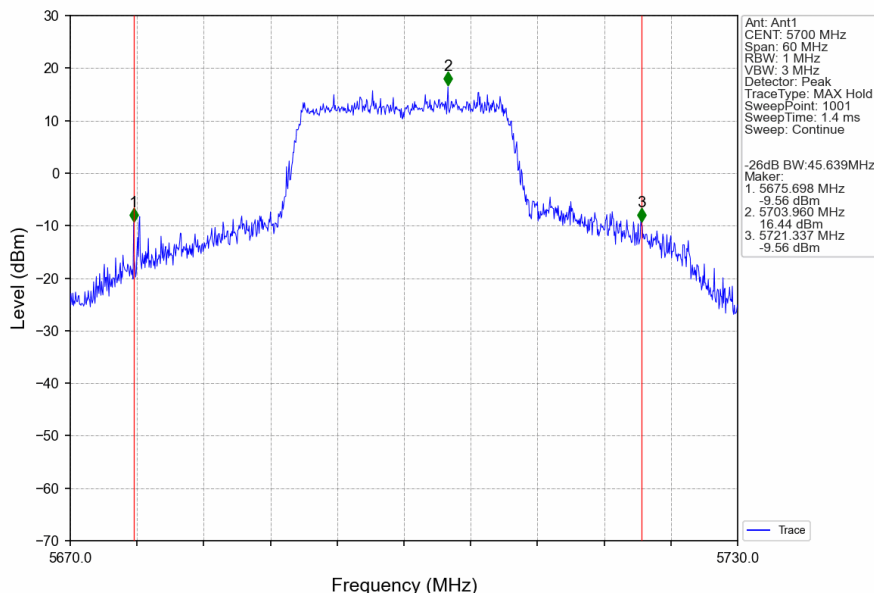
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### 802.11ax(HEW20)\_MCH\_5580MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_HCH\_5700MHz\_RU242\_Left\_Ant1\_NTNV



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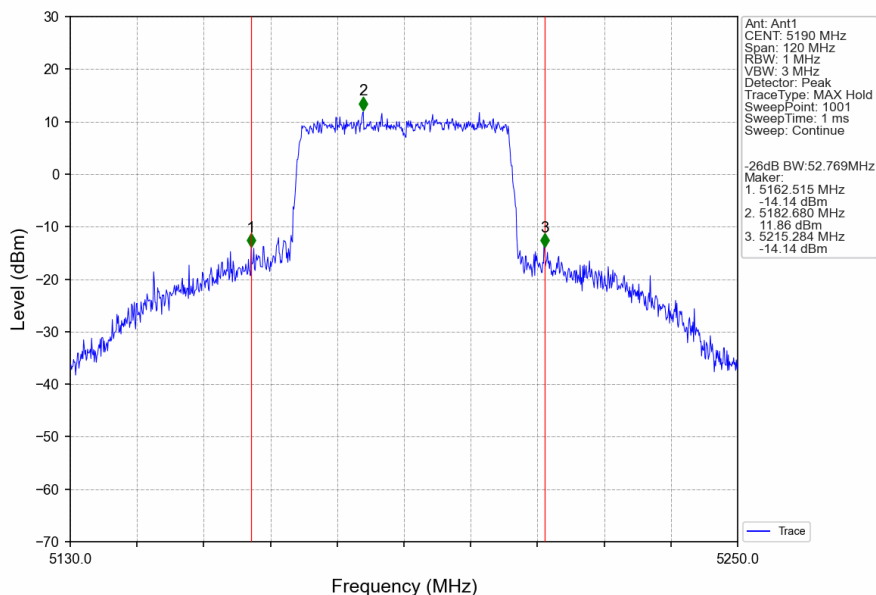
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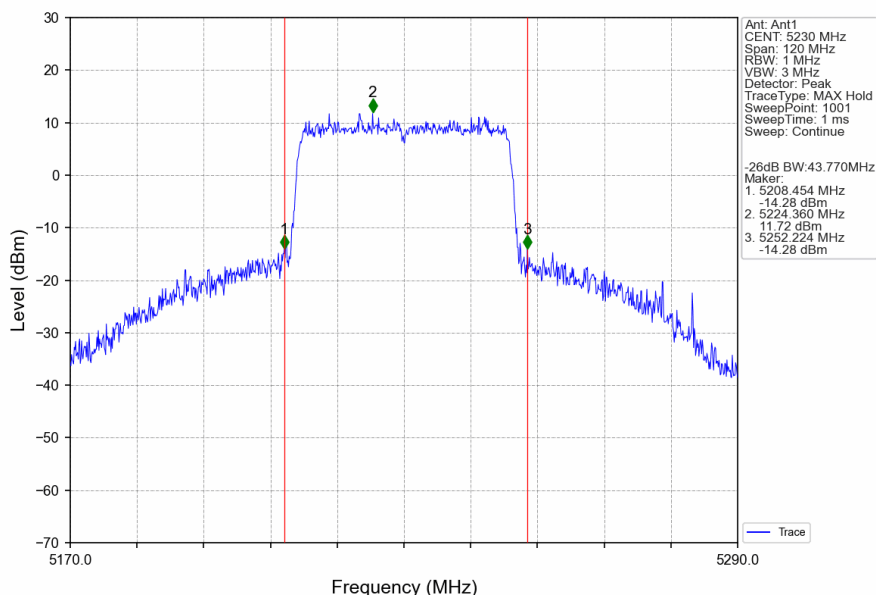
Report No.: FYCR260600009304

Page: 231 of 404

### 802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



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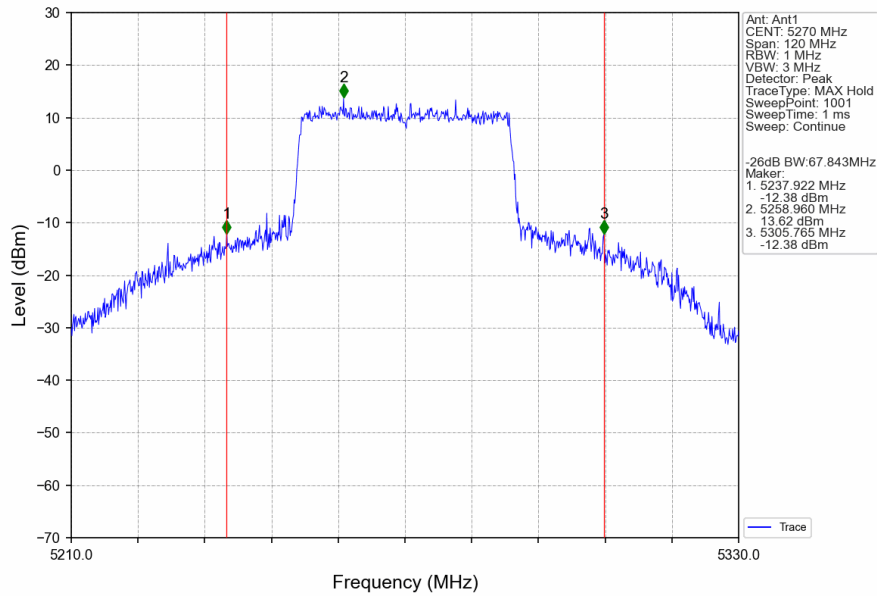
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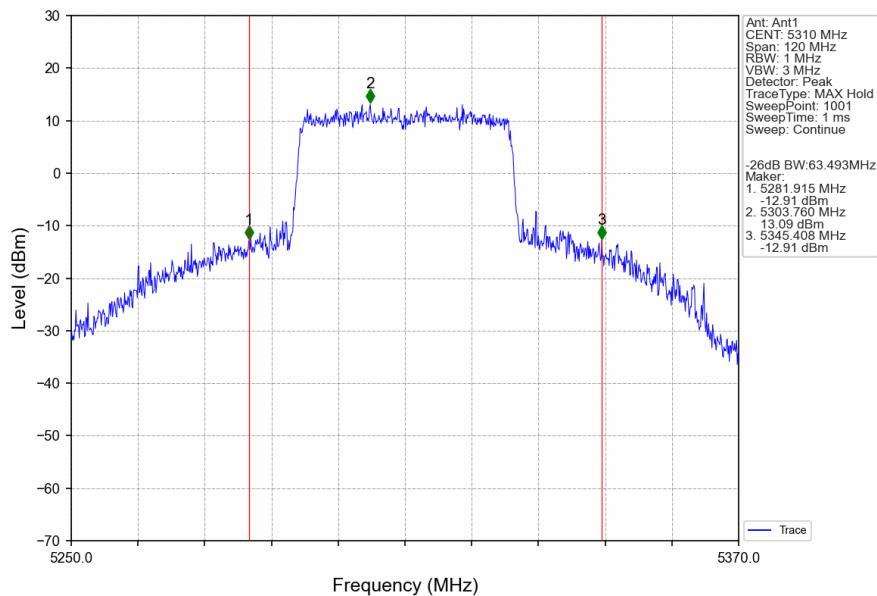
Report No.: FYCR260600009304

Page: 232 of 404

802.11ax(HEW40)\_LCH\_5270MHz\_RU484\_Left\_Ant1\_NTNV



802.11ax(HEW40)\_HCH\_5310MHz\_RU484\_Left\_Ant1\_NTNV



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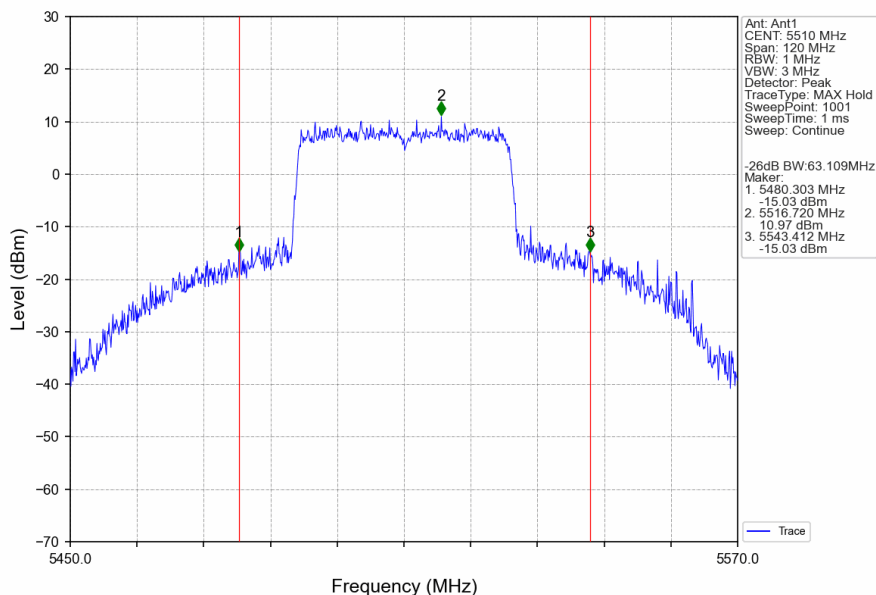
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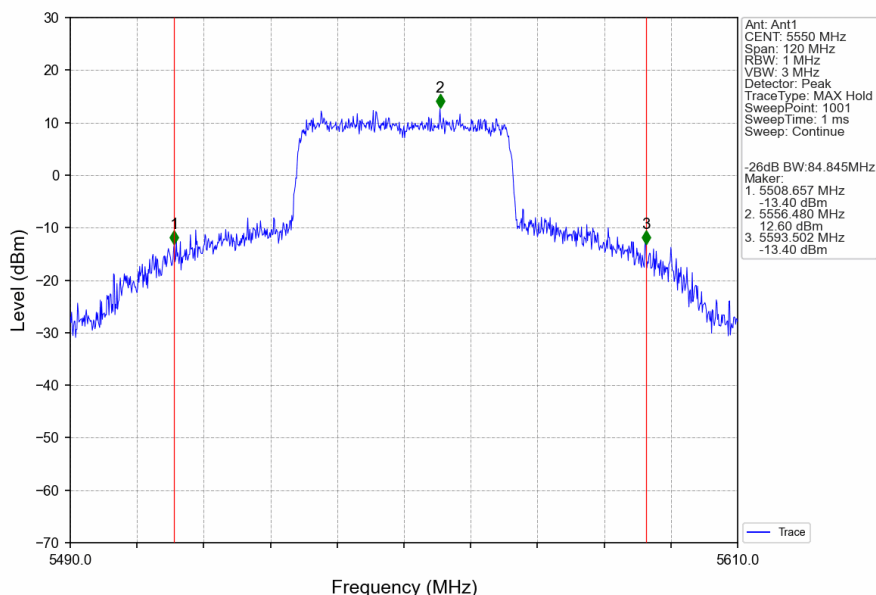
Report No.: FYCR260600009304

Page: 233 of 404

### 802.11ax(HEW40)\_LCH\_5510MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW40)\_MCH\_5550MHz\_RU484\_Left\_Ant1\_NTNV



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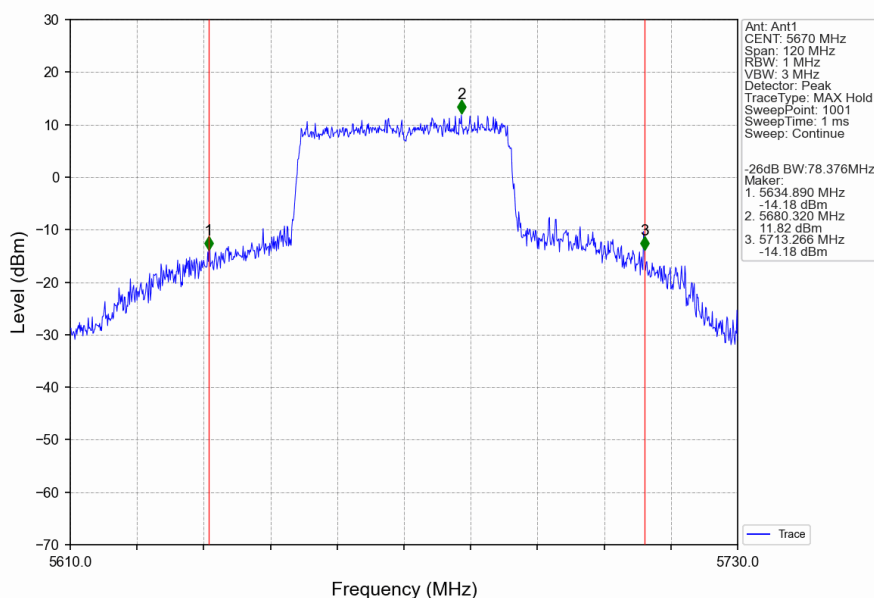
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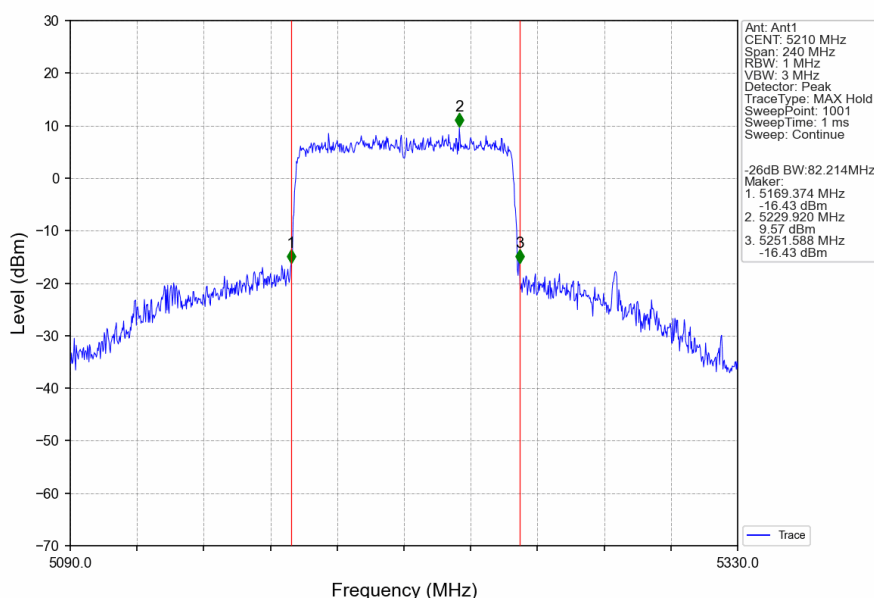
Report No.: FYCR260600009304

Page: 234 of 404

### 802.11ax(HEW40)\_HCH\_5670MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



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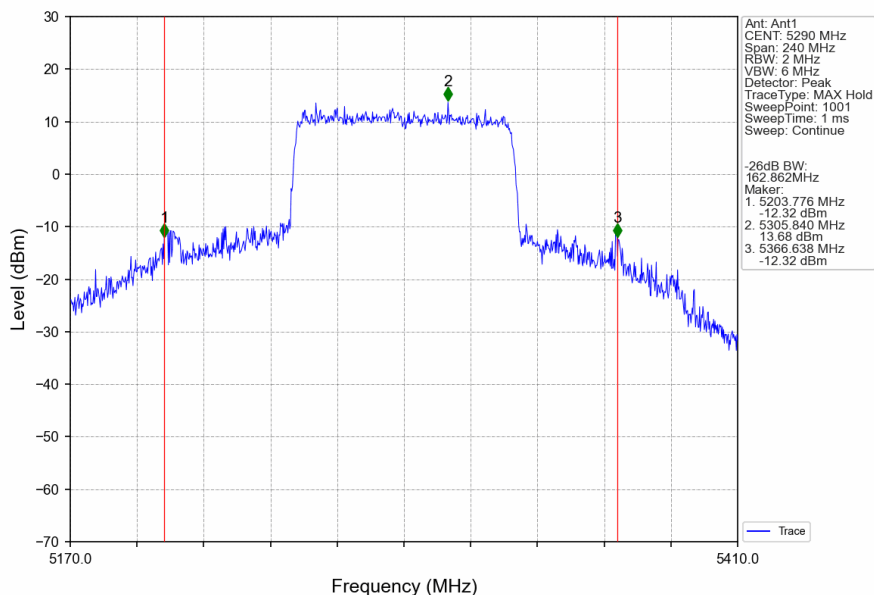
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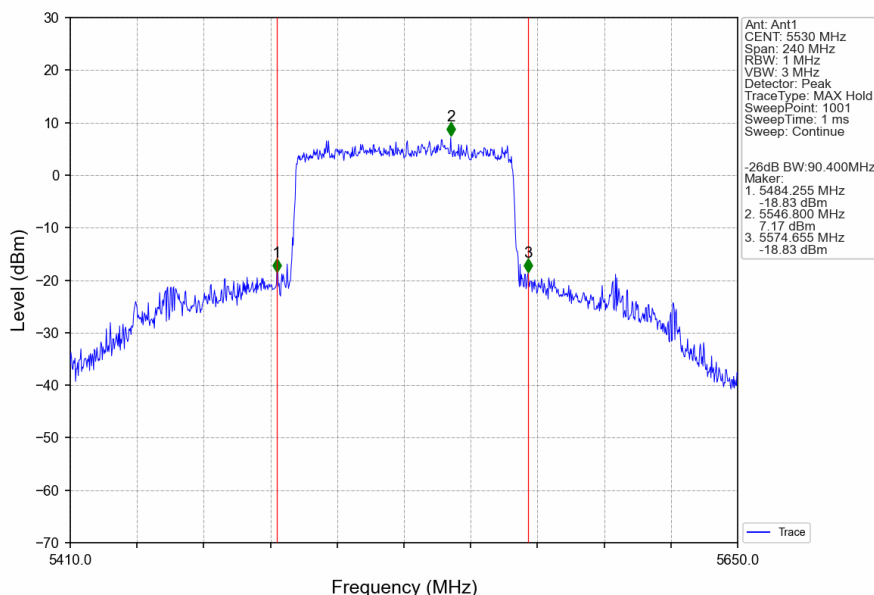
Report No.: FYCR260600009304

Page: 235 of 404

### 802.11ax(HEW80)\_MCH\_5290MHz\_RU996\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_LCH\_5530MHz\_RU996\_Left\_Ant1\_NTNV



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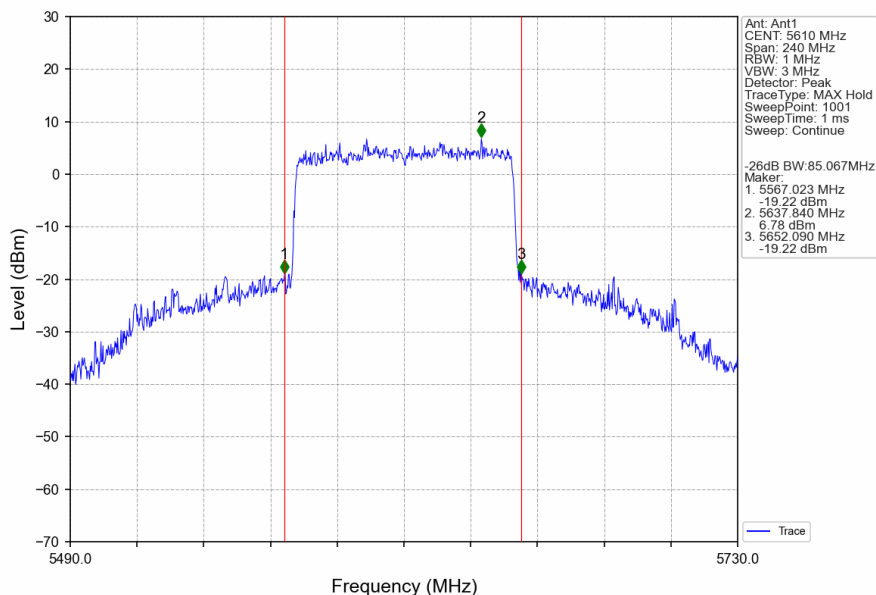
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Page: 236 of 404

802.11ax(HEW80)\_HCH\_5610MHz\_RU996\_Left\_Ant1\_NTNV



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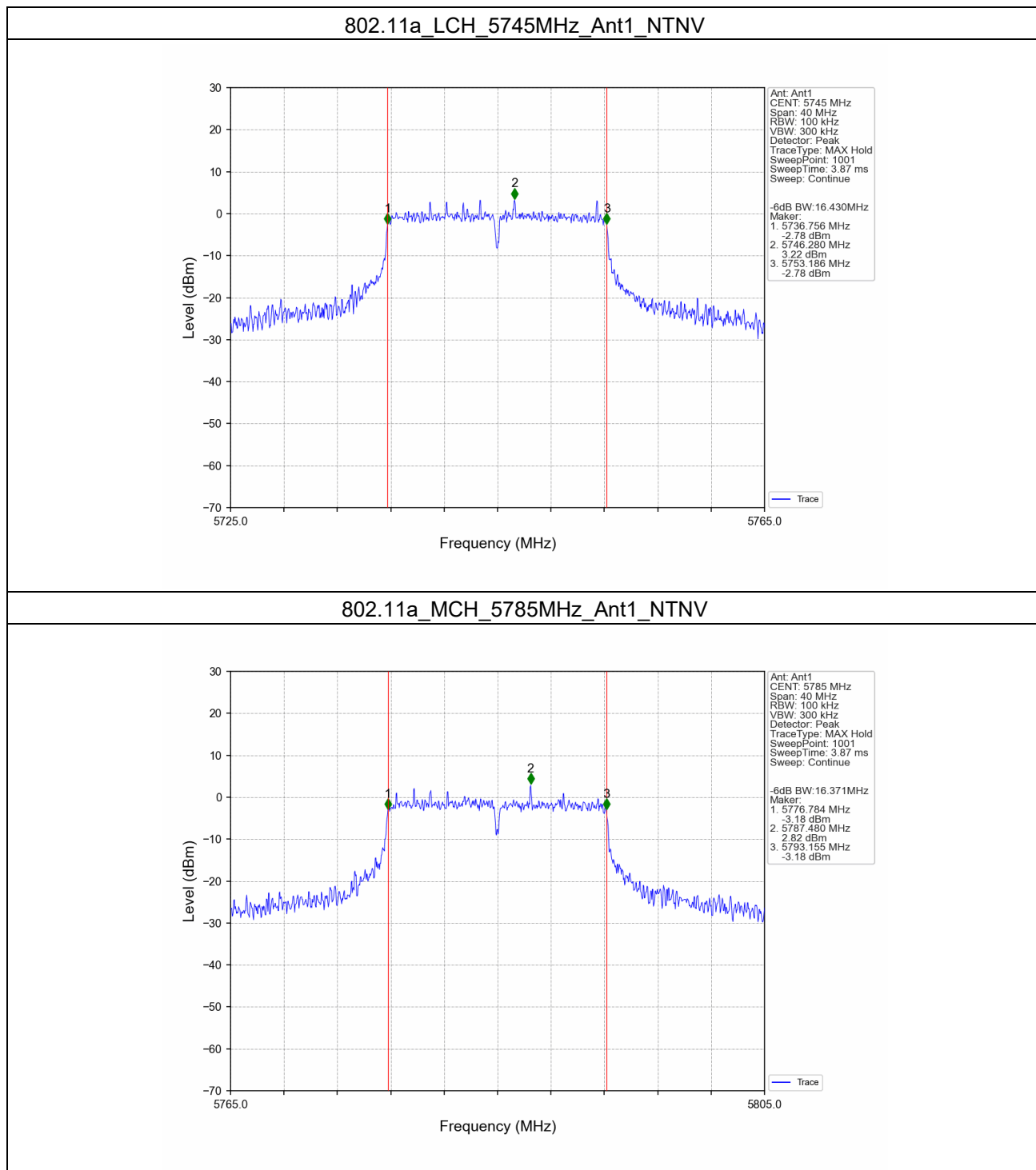
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Report No.: FYCR260600009304

Page: 237 of 404

### 2.2.3 6dB BW



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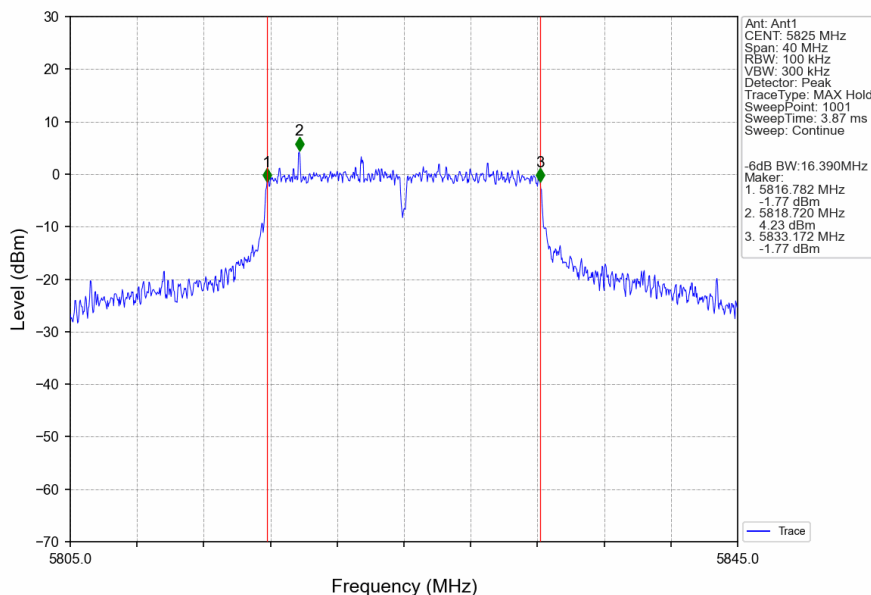
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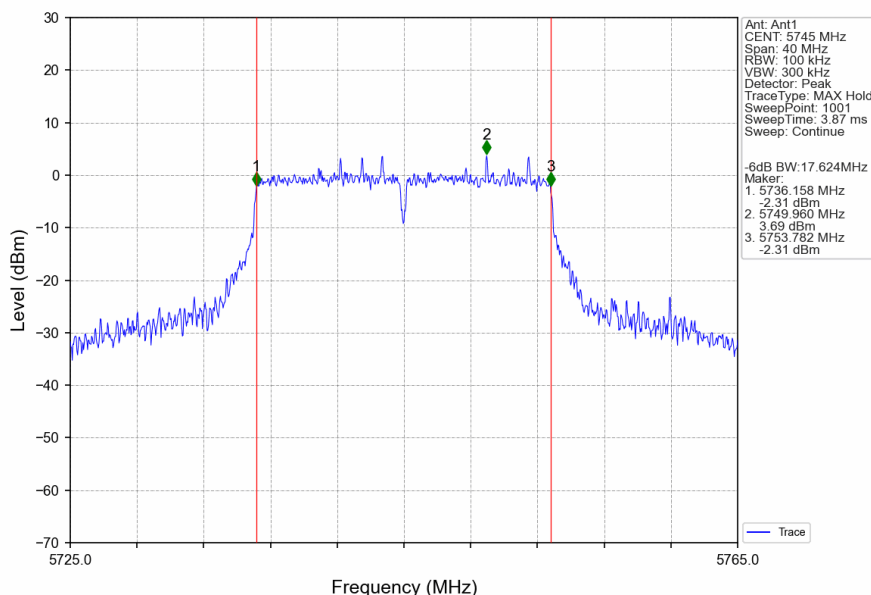
Report No.: FYCR260600009304

Page: 238 of 404

802.11a\_HCH\_5825MHz\_Ant1\_NTNV



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



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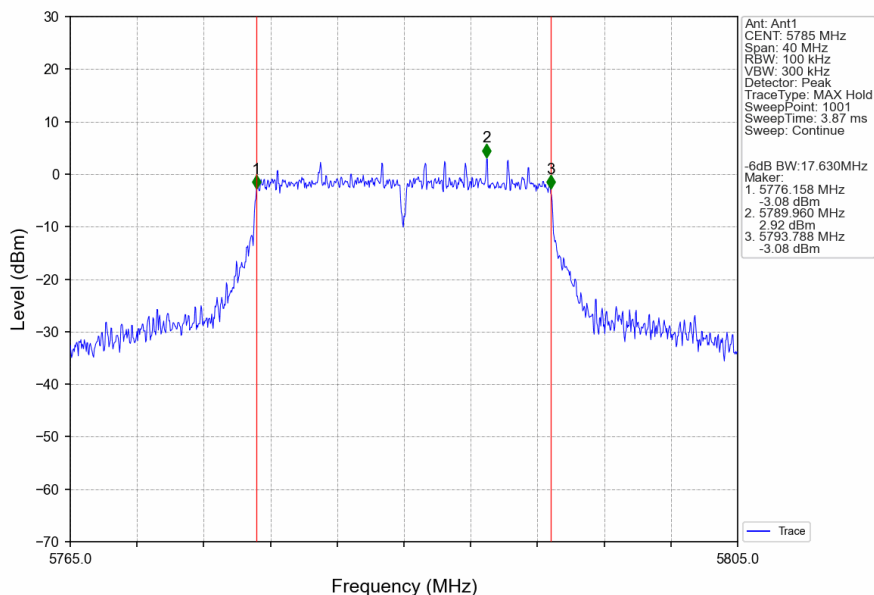
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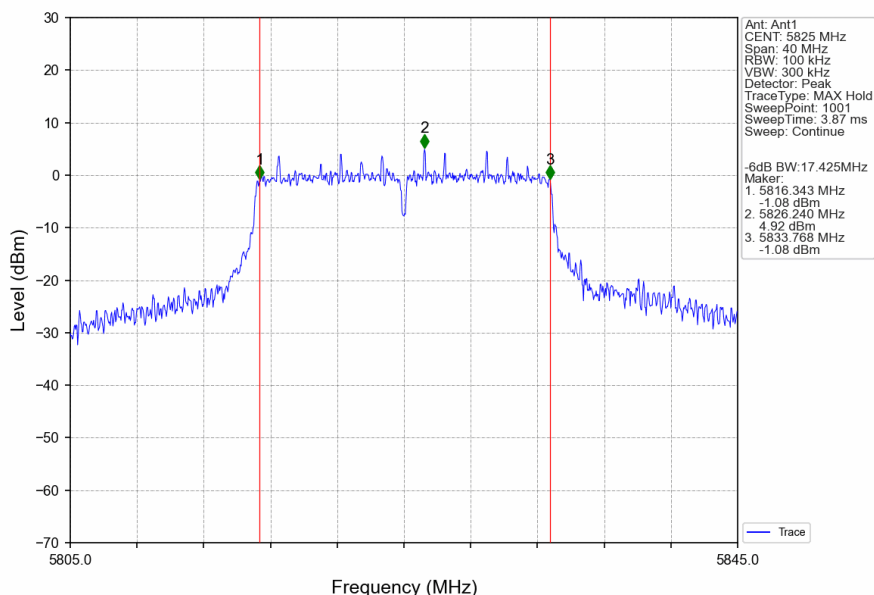
Report No.: FYCR260600009304

Page: 239 of 404

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



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



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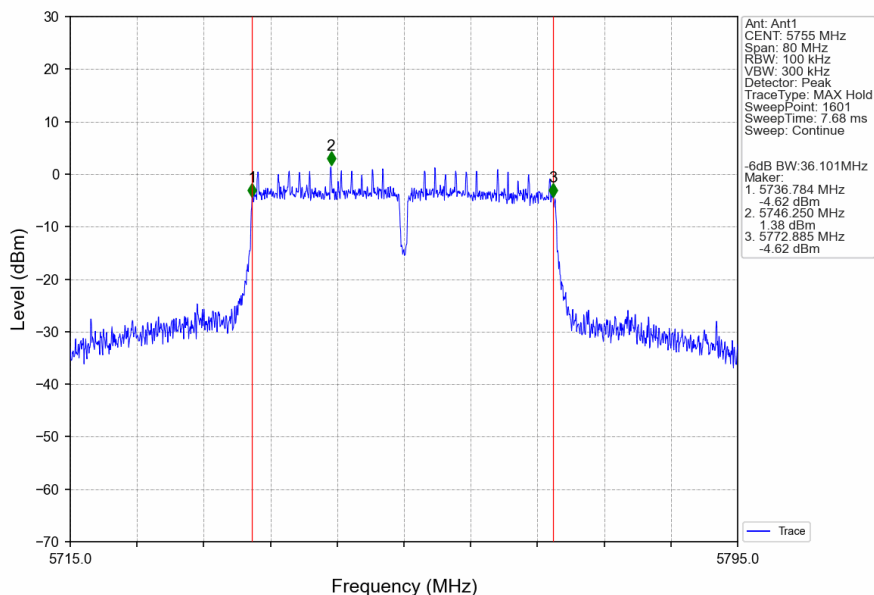
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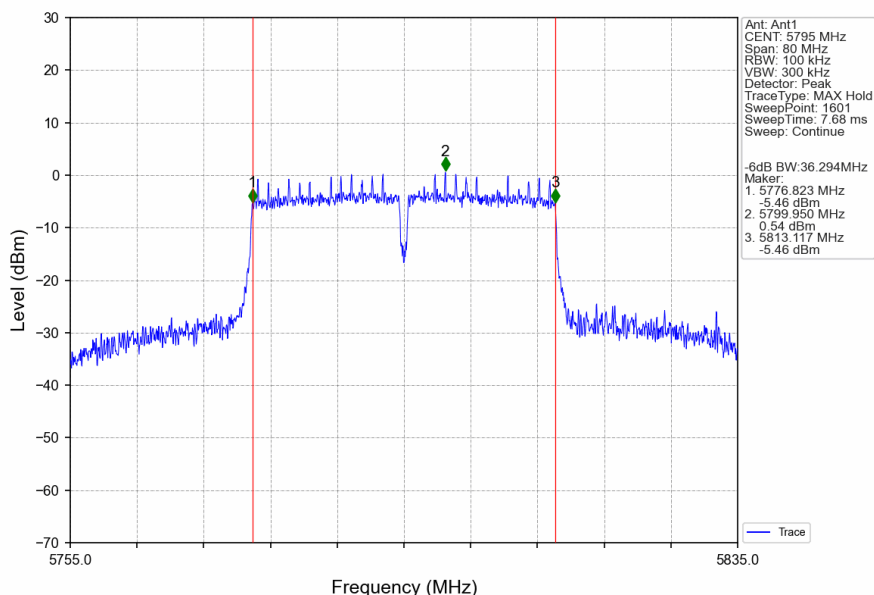
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Page: 240 of 404

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



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



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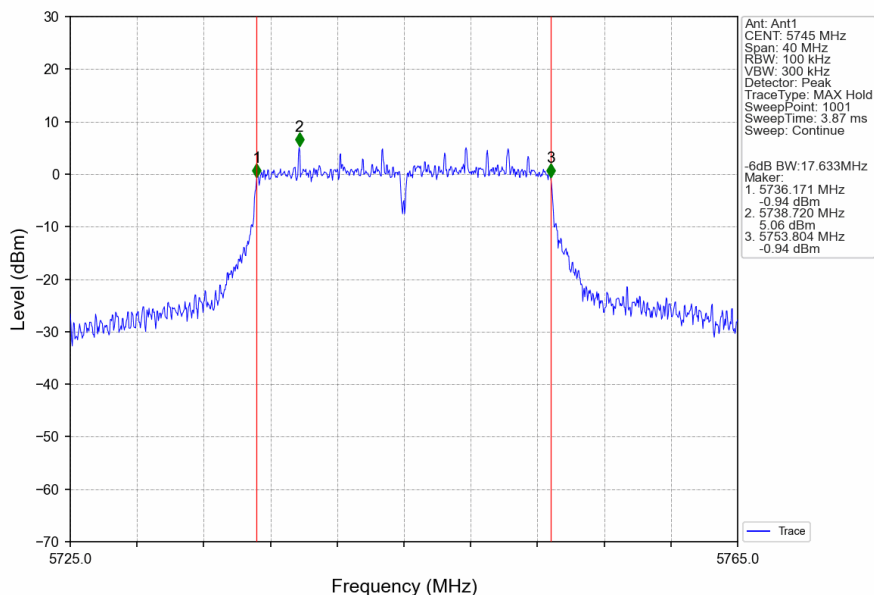
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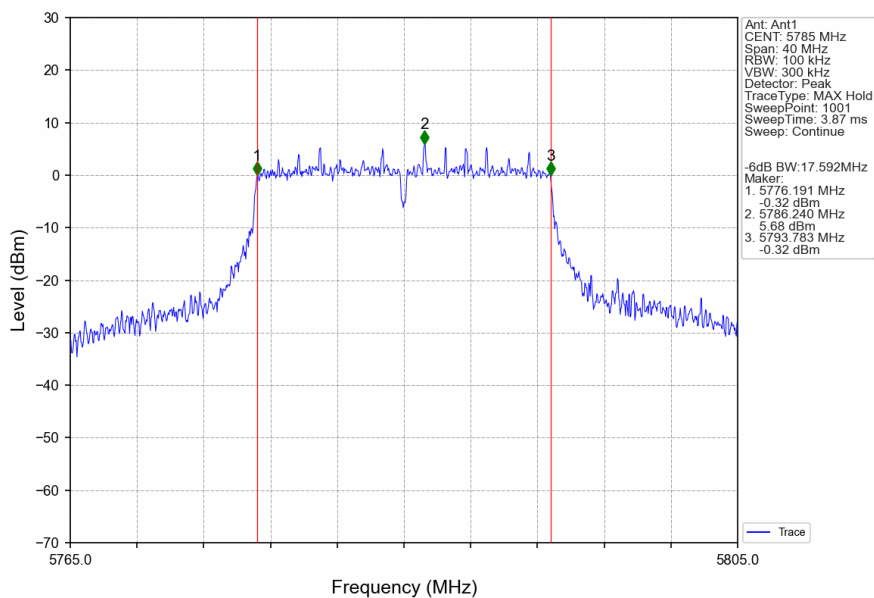
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Page: 241 of 404

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



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



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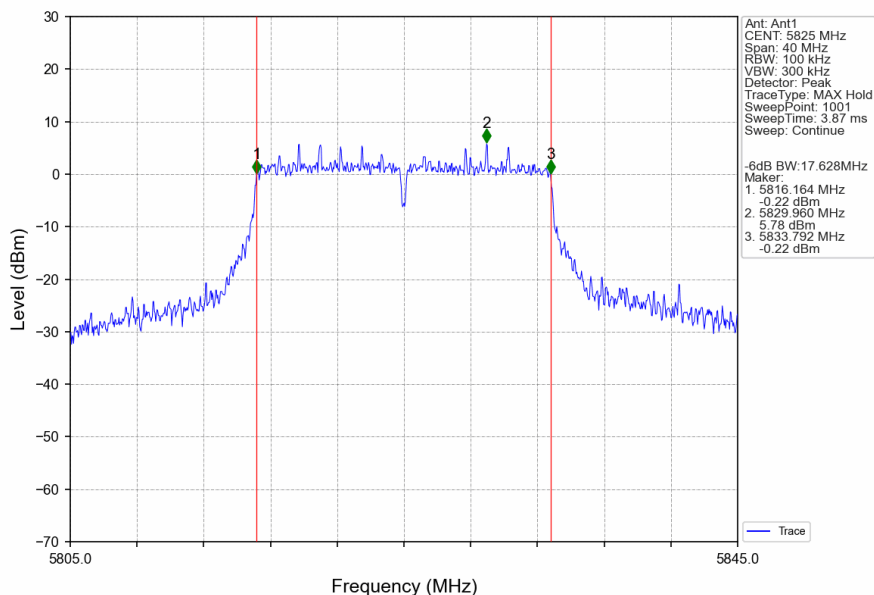
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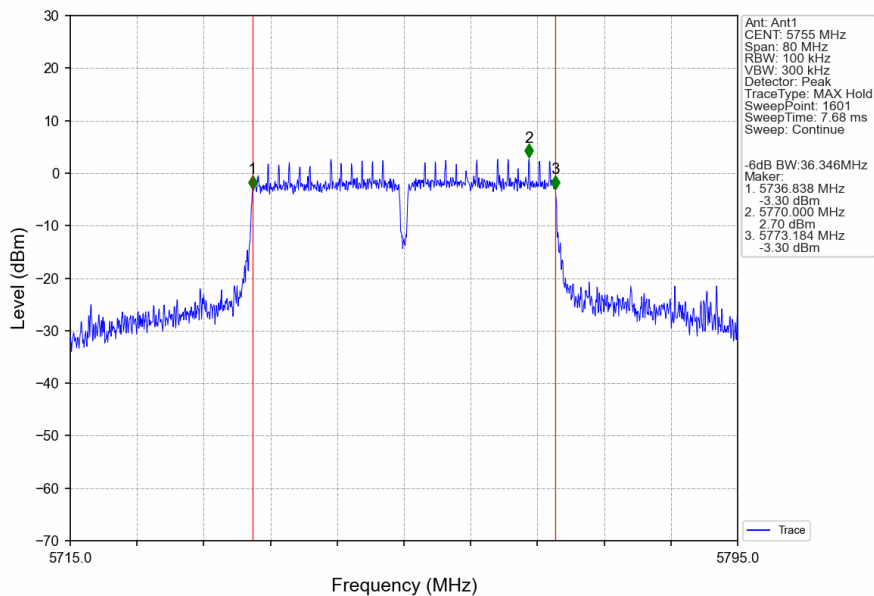
Report No.: FYCR260600009304

Page: 242 of 404

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



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



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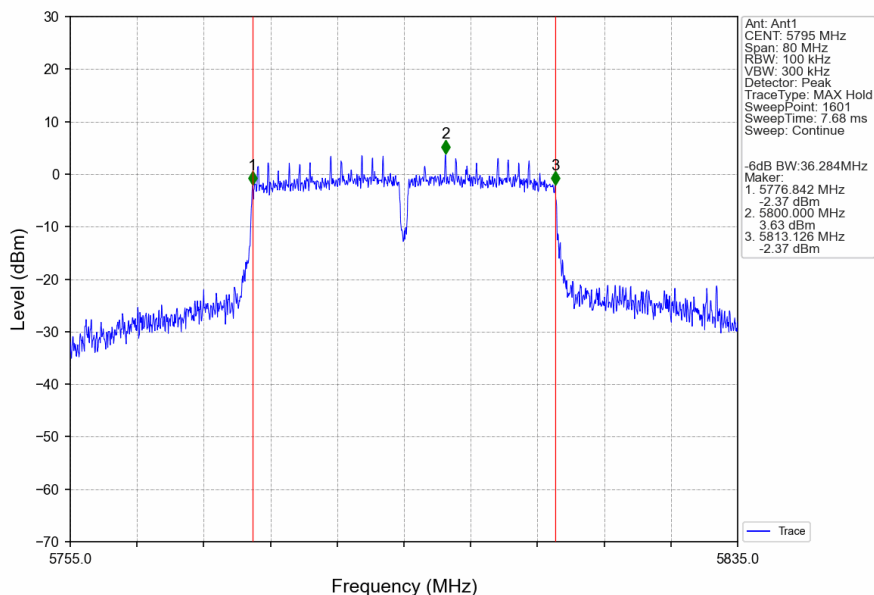
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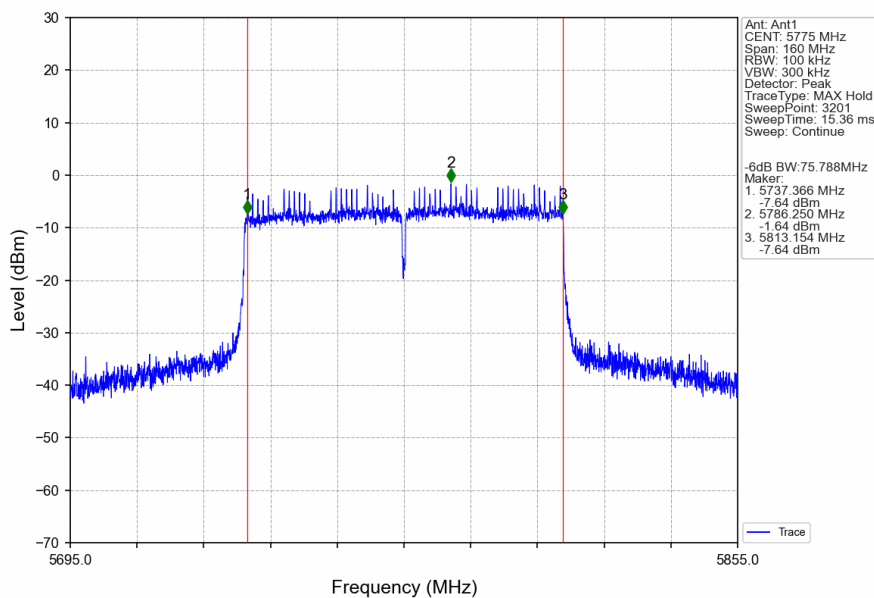
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Page: 243 of 404

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



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



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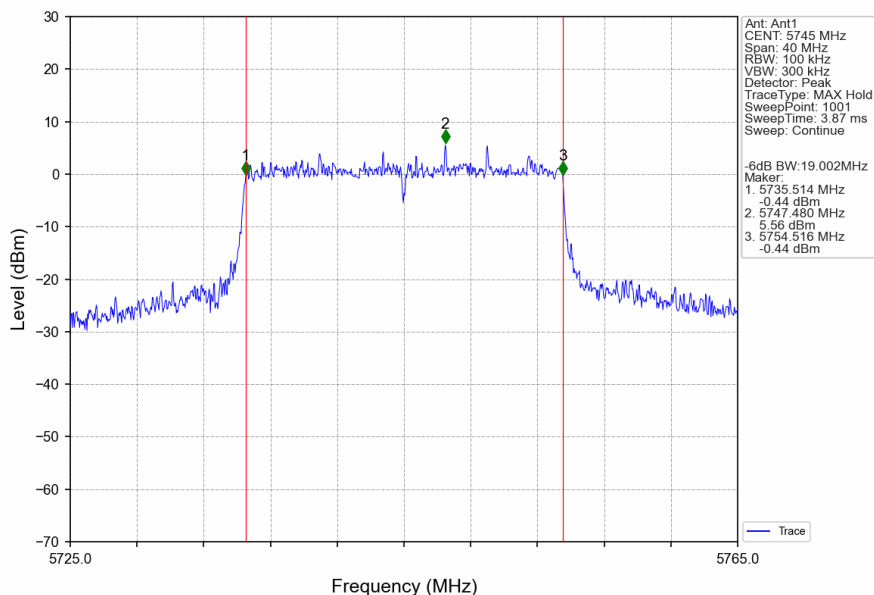
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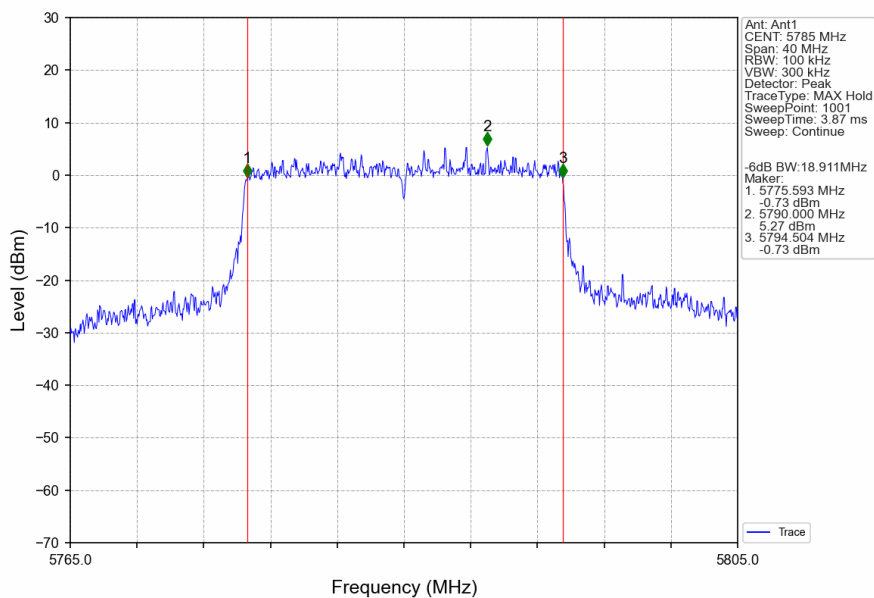
Report No.: FYCR260600009304

Page: 244 of 404

### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



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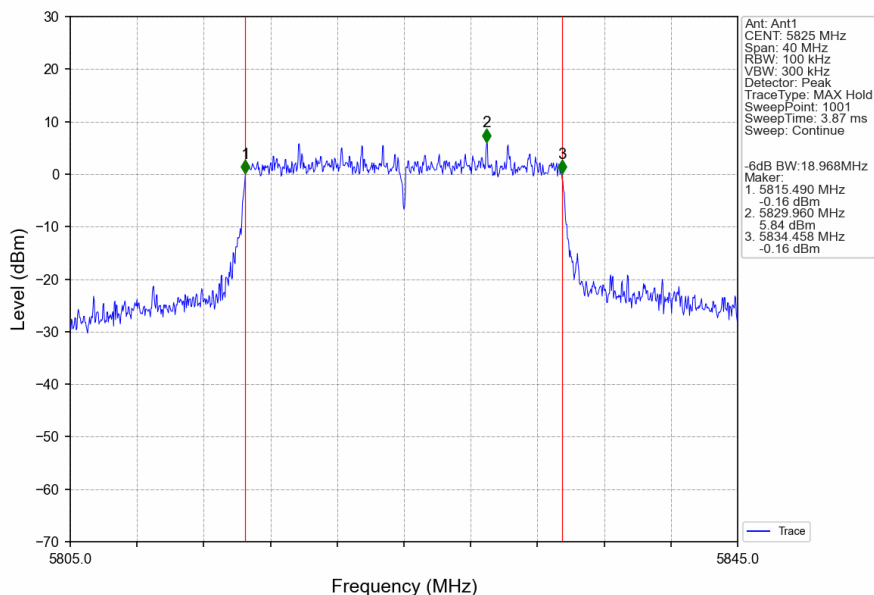
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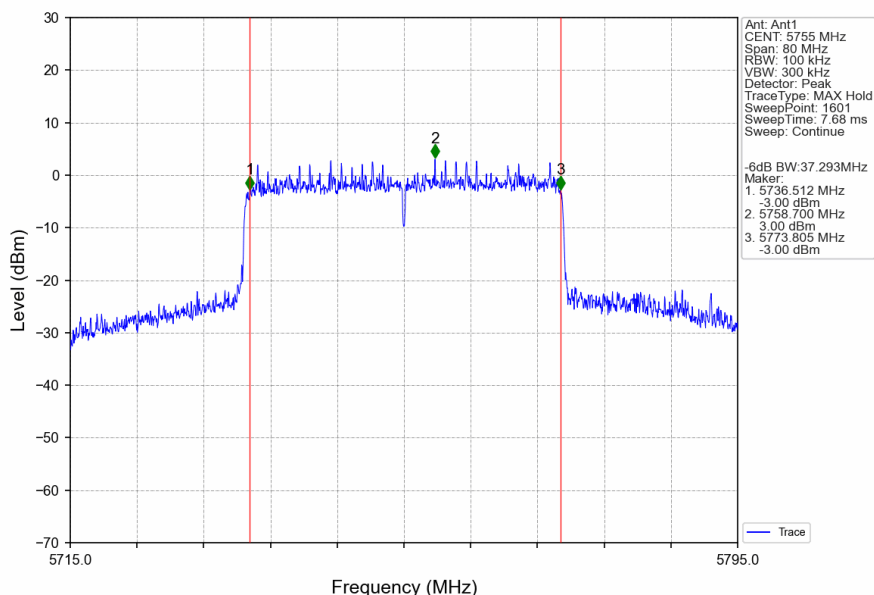
Report No.: FYCR260600009304

Page: 245 of 404

### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



### 802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



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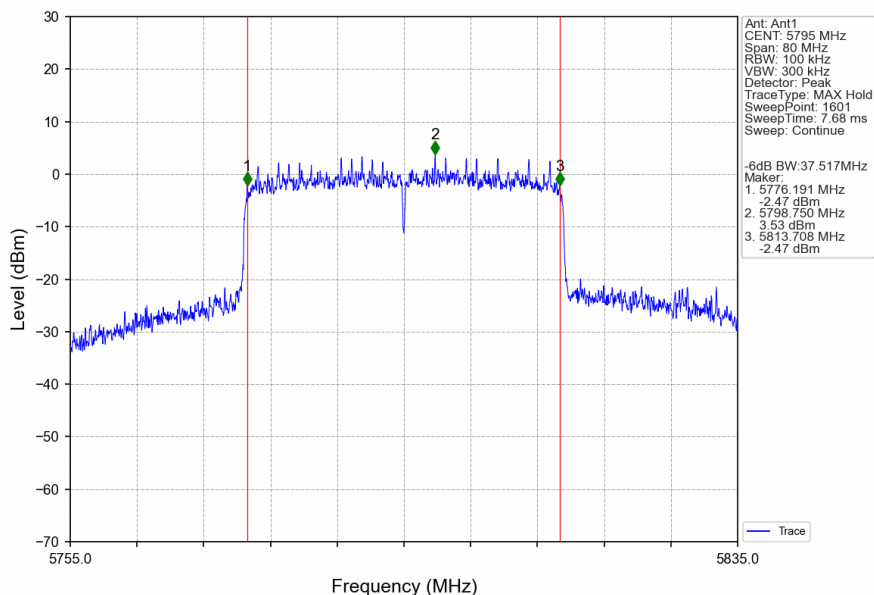
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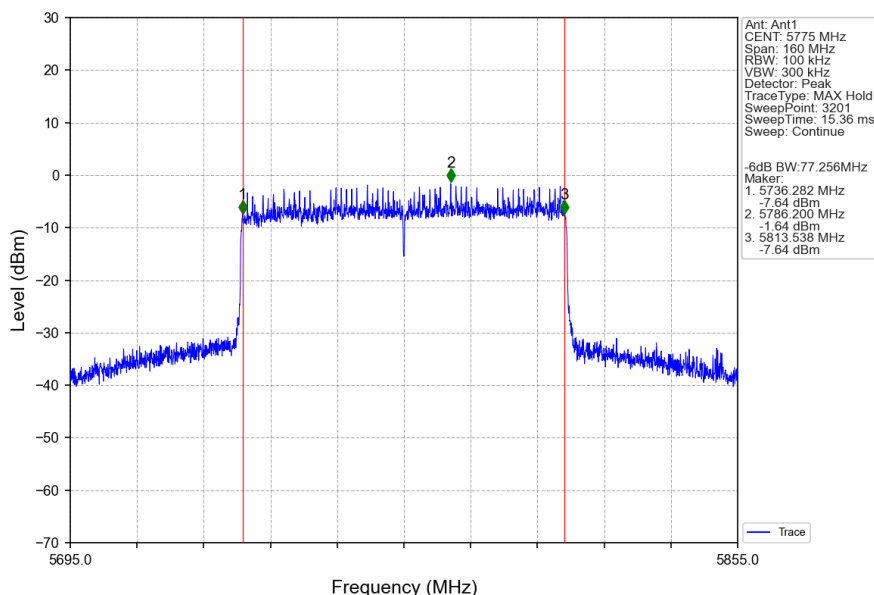
Report No.: FYCR260600009304

Page: 246 of 404

### 802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



### 802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 247 of 404

## 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                                         | ANT2  | MIMO  | Limit   |         |
| 802.11a        | SISO    | 5180            | /  | /      | 15.00                                        | 15.11 | /     | <=23.98 | Pass    |
|                |         | 5200            | /  | /      | 16.37                                        | 15.13 | /     | <=23.98 | Pass    |
|                |         | 5240            | /  | /      | 16.61                                        | 15.45 | /     | <=23.98 | Pass    |
|                |         | 5260            | /  | /      | 16.13                                        | 15.81 | /     | <=23.98 | Pass    |
|                |         | 5300            | /  | /      | 16.37                                        | 15.35 | /     | <=23.98 | Pass    |
|                |         | 5320            | /  | /      | 16.42                                        | 15.61 | /     | <=23.98 | Pass    |
|                |         | 5500            | /  | /      | 15.74                                        | 14.94 | /     | <=23.98 | Pass    |
|                |         | 5580            | /  | /      | 16.29                                        | 15.55 | /     | <=23.98 | Pass    |
|                |         | 5700            | /  | /      | 15.01                                        | 14.62 | /     | <=23.98 | Pass    |
|                |         | 5745            | /  | /      | 14.84                                        | 15.02 | /     | <=30    | Pass    |
|                |         | 5785            | /  | /      | 14.68                                        | 14.61 | /     | <=30    | Pass    |
|                |         | 5825            | /  | /      | 15.11                                        | 15.70 | /     | <=30    | Pass    |
| 802.11n (HT20) | MIMO    | 5180            | /  | /      | 14.74                                        | 14.42 | 17.59 | <=23.98 | Pass    |
|                |         | 5200            | /  | /      | 14.88                                        | 14.01 | 17.48 | <=23.98 | Pass    |
|                |         | 5240            | /  | /      | 14.68                                        | 13.79 | 17.27 | <=23.98 | Pass    |
|                |         | 5260            | /  | /      | 15.62                                        | 14.02 | 17.90 | <=23.98 | Pass    |
|                |         | 5300            | /  | /      | 16.08                                        | 14.11 | 18.22 | <=23.98 | Pass    |
|                |         | 5320            | /  | /      | 16.41                                        | 14.30 | 18.49 | <=23.98 | Pass    |
|                |         | 5500            | /  | /      | 16.13                                        | 14.75 | 18.50 | <=23.98 | Pass    |
|                |         | 5580            | /  | /      | 16.24                                        | 15.18 | 18.75 | <=23.98 | Pass    |
|                |         | 5700            | /  | /      | 15.72                                        | 14.98 | 18.38 | <=23.98 | Pass    |
|                |         | 5745            | /  | /      | 15.00                                        | 15.40 | 18.21 | <=30    | Pass    |
|                |         | 5785            | /  | /      | 15.64                                        | 16.17 | 18.92 | <=30    | Pass    |
|                |         | 5825            | /  | /      | 15.50                                        | 16.27 | 18.91 | <=30    | Pass    |
| 802.11n (HT40) | MIMO    | 5190            | /  | /      | 16.10                                        | 15.72 | 18.92 | <=23.98 | Pass    |
|                |         | 5230            | /  | /      | 16.33                                        | 15.64 | 19.01 | <=23.98 | Pass    |
|                |         | 5270            | /  | /      | 16.03                                        | 14.41 | 18.31 | <=23.98 | Pass    |
|                |         | 5310            | /  | /      | 16.31                                        | 14.28 | 18.42 | <=23.98 | Pass    |
|                |         | 5510            | /  | /      | 16.22                                        | 15.30 | 18.79 | <=23.98 | Pass    |
|                |         | 5550            | /  | /      | 15.98                                        | 15.40 | 18.71 | <=23.98 | Pass    |



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 248 of 404

|                     |      |      |       |      |       |       |       |         |      |
|---------------------|------|------|-------|------|-------|-------|-------|---------|------|
|                     |      | 5670 | /     | /    | 16.11 | 15.48 | 18.82 | <=23.98 | Pass |
|                     |      | 5755 | /     | /    | 15.28 | 15.61 | 18.46 | <=30    | Pass |
|                     |      | 5795 | /     | /    | 14.52 | 14.95 | 17.75 | <=30    | Pass |
| 802.11ac<br>(VHT20) | MIMO | 5180 | /     | /    | 15.87 | 15.50 | 18.70 | <=23.98 | Pass |
|                     |      | 5200 | /     | /    | 16.06 | 14.91 | 18.53 | <=23.98 | Pass |
|                     |      | 5240 | /     | /    | 16.12 | 14.38 | 18.35 | <=23.98 | Pass |
|                     |      | 5260 | /     | /    | 15.66 | 13.84 | 17.85 | <=23.98 | Pass |
|                     |      | 5300 | /     | /    | 15.86 | 13.56 | 17.87 | <=23.98 | Pass |
|                     |      | 5320 | /     | /    | 15.57 | 13.25 | 17.57 | <=23.98 | Pass |
|                     |      | 5500 | /     | /    | 14.34 | 14.63 | 17.50 | <=23.98 | Pass |
|                     |      | 5580 | /     | /    | 15.64 | 15.46 | 18.56 | <=23.98 | Pass |
|                     |      | 5700 | /     | /    | 11.21 | 11.60 | 14.42 | <=23.98 | Pass |
|                     |      | 5745 | /     | /    | 16.30 | 15.09 | 18.75 | <=30    | Pass |
|                     |      | 5785 | /     | /    | 16.48 | 14.66 | 18.67 | <=30    | Pass |
|                     |      | 5825 | /     | /    | 16.75 | 14.80 | 18.89 | <=30    | Pass |
| 802.11ac<br>(VHT40) | MIMO | 5190 | /     | /    | 12.23 | 11.00 | 14.67 | <=23.98 | Pass |
|                     |      | 5230 | /     | /    | 15.78 | 14.40 | 18.15 | <=23.98 | Pass |
|                     |      | 5270 | /     | /    | 17.56 | 14.33 | 19.25 | <=23.98 | Pass |
|                     |      | 5310 | /     | /    | 10.79 | 10.15 | 13.49 | <=23.98 | Pass |
|                     |      | 5510 | /     | /    | 9.55  | 10.48 | 13.05 | <=23.98 | Pass |
|                     |      | 5550 | /     | /    | 15.65 | 15.97 | 18.82 | <=23.98 | Pass |
|                     |      | 5670 | /     | /    | 15.74 | 15.54 | 18.65 | <=23.98 | Pass |
|                     |      | 5755 | /     | /    | 10.39 | 10.52 | 13.47 | <=30    | Pass |
|                     |      | 5795 | /     | /    | 17.16 | 15.18 | 19.29 | <=30    | Pass |
| 802.11ac<br>(VHT80) | MIMO | 5210 | /     | /    | 9.87  | 8.98  | 12.46 | <=23.98 | Pass |
|                     |      | 5290 | /     | /    | 9.15  | 9.36  | 12.27 | <=23.98 | Pass |
|                     |      | 5530 | /     | /    | 9.19  | 10.91 | 13.14 | <=23.98 | Pass |
|                     |      | 5610 | /     | /    | 13.09 | 14.48 | 16.85 | <=23.98 | Pass |
|                     |      | 5775 | /     | /    | 14.18 | 13.51 | 16.87 | <=30    | Pass |
| 802.11ax<br>(HEW20) | MIMO | 5180 | RU242 | Left | 16.40 | 14.39 | 18.52 | <=23.98 | Pass |
|                     |      | 5200 | RU242 | Left | 16.31 | 14.25 | 18.41 | <=23.98 | Pass |
|                     |      | 5240 | RU242 | Left | 16.19 | 14.44 | 18.41 | <=23.98 | Pass |
|                     |      | 5260 | RU242 | Left | 17.02 | 14.34 | 18.89 | <=23.98 | Pass |
|                     |      | 5300 | RU242 | Left | 15.59 | 13.26 | 17.59 | <=23.98 | Pass |
|                     |      | 5320 | RU242 | Left | 15.53 | 13.40 | 17.60 | <=23.98 | Pass |
|                     |      | 5500 | RU242 | Left | 12.97 | 12.89 | 15.94 | <=23.98 | Pass |
|                     |      | 5580 | RU242 | Left | 14.75 | 14.78 | 17.78 | <=23.98 | Pass |
|                     |      | 5700 | RU242 | Left | 11.22 | 11.84 | 14.55 | <=23.98 | Pass |
|                     |      | 5745 | RU242 | Left | 15.82 | 15.43 | 18.64 | <=30    | Pass |
|                     |      | 5785 | RU242 | Left | 16.31 | 14.65 | 18.57 | <=30    | Pass |



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 249 of 404

|                     |      |      |       |      |       |       |       |         |      |
|---------------------|------|------|-------|------|-------|-------|-------|---------|------|
|                     |      | 5825 | RU242 | Left | 16.37 | 14.64 | 18.60 | <=30    | Pass |
| 802.11ax<br>(HEW40) | MIMO | 5190 | RU484 | Left | 12.30 | 11.40 | 14.88 | <=23.98 | Pass |
|                     |      | 5230 | RU484 | Left | 15.89 | 14.41 | 18.22 | <=23.98 | Pass |
|                     |      | 5270 | RU484 | Left | 17.59 | 14.45 | 19.31 | <=23.98 | Pass |
|                     |      | 5310 | RU484 | Left | 10.79 | 10.43 | 13.62 | <=23.98 | Pass |
|                     |      | 5510 | RU484 | Left | 9.63  | 10.63 | 13.17 | <=23.98 | Pass |
|                     |      | 5550 | RU484 | Left | 15.49 | 15.38 | 18.45 | <=23.98 | Pass |
|                     |      | 5670 | RU484 | Left | 15.38 | 15.21 | 18.31 | <=23.98 | Pass |
|                     |      | 5755 | RU484 | Left | 16.58 | 15.23 | 18.97 | <=30    | Pass |
|                     |      | 5795 | RU484 | Left | 17.23 | 15.03 | 19.28 | <=30    | Pass |
| 802.11ax<br>(HEW80) | MIMO | 5210 | RU996 | Left | 11.25 | 10.37 | 13.84 | <=23.98 | Pass |
|                     |      | 5290 | RU996 | Left | 10.68 | 10.60 | 13.65 | <=23.98 | Pass |
|                     |      | 5530 | RU996 | Left | 9.51  | 11.01 | 13.33 | <=23.98 | Pass |
|                     |      | 5610 | RU996 | Left | 8.94  | 11.07 | 13.14 | <=23.98 | Pass |
|                     |      | 5775 | RU996 | Left | 15.32 | 14.64 | 18.00 | <=30    | Pass |

Note1: Antenna Gain:

- Band: 1 Ant1: -0.60dBi;
- Band: 3 Ant1: -0.50dBi;
- Band: 2A Ant1: -0.20dBi;
- Band: 2C Ant1: -0.40dBi;
- Band: 1 Ant2: 0.80dBi;
- Band: 3 Ant2: 0.90dBi;
- Band: 2A Ant2: 0.80dBi;
- Band: 2C Ant2: 1.00dBi;

Note2: Directional Gain:1dBi



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 250 of 404

### 4. Maximum Power Spectral Density

#### 4.1 Test Result

##### 4.1.1 PSD

| Mode             | TX Type | Frequency (MHz) | RU | RU Pos | Maximum PSD (dBm/MHz) |       |      |       | Verdict |
|------------------|---------|-----------------|----|--------|-----------------------|-------|------|-------|---------|
|                  |         |                 |    |        | ANT1                  | ANT2  | MIMO | Limit |         |
| 802.11a          | SISO    | 5180            | /  | /      | 3.70                  | 3.73  | /    | <=11  | Pass    |
|                  |         | 5200            | /  | /      | 5.06                  | 3.80  | /    | <=11  | Pass    |
|                  |         | 5240            | /  | /      | 5.26                  | 4.19  | /    | <=11  | Pass    |
|                  |         | 5260            | /  | /      | 4.82                  | 4.42  | /    | <=11  | Pass    |
|                  |         | 5300            | /  | /      | 4.90                  | 3.97  | /    | <=11  | Pass    |
|                  |         | 5320            | /  | /      | 4.97                  | 4.17  | /    | <=11  | Pass    |
|                  |         | 5500            | /  | /      | 4.43                  | 3.57  | /    | <=11  | Pass    |
|                  |         | 5580            | /  | /      | 5.10                  | 4.22  | /    | <=11  | Pass    |
|                  |         | 5700            | /  | /      | 3.55                  | 3.18  | /    | <=11  | Pass    |
| 802.11n (HT20)   | MIMO    | 5180            | /  | /      | 3.15                  | 2.90  | 5.90 | <=11  | Pass    |
|                  |         | 5200            | /  | /      | 3.33                  | 2.29  | 5.78 | <=11  | Pass    |
|                  |         | 5240            | /  | /      | 3.31                  | 2.27  | 5.66 | <=11  | Pass    |
|                  |         | 5260            | /  | /      | 4.24                  | 2.10  | 6.13 | <=11  | Pass    |
|                  |         | 5300            | /  | /      | 4.45                  | 2.40  | 6.42 | <=11  | Pass    |
|                  |         | 5320            | /  | /      | 4.99                  | 2.67  | 6.89 | <=11  | Pass    |
|                  |         | 5500            | /  | /      | 4.56                  | 3.14  | 6.80 | <=11  | Pass    |
|                  |         | 5580            | /  | /      | 4.55                  | 3.63  | 7.06 | <=11  | Pass    |
|                  |         | 5700            | /  | /      | 4.10                  | 3.30  | 6.64 | <=11  | Pass    |
| 802.11n (HT40)   | MIMO    | 5190            | /  | /      | 1.67                  | 1.18  | 4.33 | <=11  | Pass    |
|                  |         | 5230            | /  | /      | 1.82                  | 1.10  | 4.43 | <=11  | Pass    |
|                  |         | 5270            | /  | /      | 1.42                  | -0.32 | 3.58 | <=11  | Pass    |
|                  |         | 5310            | /  | /      | 1.65                  | -0.29 | 3.74 | <=11  | Pass    |
|                  |         | 5510            | /  | /      | 1.75                  | 0.83  | 4.20 | <=11  | Pass    |
|                  |         | 5550            | /  | /      | 1.41                  | 0.86  | 4.04 | <=11  | Pass    |
|                  |         | 5670            | /  | /      | 1.47                  | 0.98  | 4.19 | <=11  | Pass    |
| 802.11ac (VHT20) | MIMO    | 5180            | /  | /      | 4.32                  | 3.94  | 7.02 | <=11  | Pass    |
|                  |         | 5200            | /  | /      | 4.32                  | 3.51  | 6.77 | <=11  | Pass    |
|                  |         | 5240            | /  | /      | 4.63                  | 2.52  | 6.56 | <=11  | Pass    |
|                  |         | 5260            | /  | /      | 3.87                  | 2.19  | 6.03 | <=11  | Pass    |
|                  |         | 5300            | /  | /      | 4.22                  | 1.99  | 6.09 | <=11  | Pass    |
|                  |         | 5320            | /  | /      | 4.04                  | 1.84  | 5.98 | <=11  | Pass    |



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 251 of 404

|                     |      |      |       |      |       |       |       |      |      |
|---------------------|------|------|-------|------|-------|-------|-------|------|------|
|                     |      | 5500 | /     | /    | 2.74  | 2.96  | 5.66  | <=11 | Pass |
|                     |      | 5580 | /     | /    | 3.97  | 3.80  | 6.76  | <=11 | Pass |
|                     |      | 5700 | /     | /    | -0.37 | -0.01 | 2.70  | <=11 | Pass |
| 802.11ac<br>(VHT40) | MIMO | 5190 | /     | /    | -2.38 | -3.57 | -0.14 | <=11 | Pass |
|                     |      | 5230 | /     | /    | 1.13  | -0.03 | 3.54  | <=11 | Pass |
|                     |      | 5270 | /     | /    | 2.72  | -0.13 | 4.43  | <=11 | Pass |
|                     |      | 5310 | /     | /    | -3.82 | -4.36 | -1.12 | <=11 | Pass |
|                     |      | 5510 | /     | /    | -5.00 | -4.11 | -1.68 | <=11 | Pass |
|                     |      | 5550 | /     | /    | 0.97  | 1.46  | 4.12  | <=11 | Pass |
|                     |      | 5670 | /     | /    | 1.21  | 0.75  | 3.84  | <=11 | Pass |
| 802.11ac<br>(VHT80) | MIMO | 5210 | /     | /    | -7.76 | -8.40 | -5.08 | <=11 | Pass |
|                     |      | 5290 | /     | /    | -8.34 | -8.17 | -5.32 | <=11 | Pass |
|                     |      | 5530 | /     | /    | -8.39 | -6.43 | -4.38 | <=11 | Pass |
|                     |      | 5610 | /     | /    | -4.44 | -3.19 | -0.99 | <=11 | Pass |
| 802.11ax<br>(HEW20) | MIMO | 5180 | RU242 | Left | 4.58  | 2.53  | 6.53  | <=11 | Pass |
|                     |      | 5200 | RU242 | Left | 4.47  | 2.26  | 6.45  | <=11 | Pass |
|                     |      | 5240 | RU242 | Left | 4.36  | 2.58  | 6.43  | <=11 | Pass |
|                     |      | 5260 | RU242 | Left | 5.46  | 2.67  | 7.21  | <=11 | Pass |
|                     |      | 5300 | RU242 | Left | 3.75  | 1.51  | 5.67  | <=11 | Pass |
|                     |      | 5320 | RU242 | Left | 3.69  | 1.72  | 5.61  | <=11 | Pass |
|                     |      | 5500 | RU242 | Left | 1.14  | 0.90  | 3.88  | <=11 | Pass |
|                     |      | 5580 | RU242 | Left | 2.49  | 2.81  | 5.47  | <=11 | Pass |
| 802.11ax<br>(HEW40) | MIMO | 5700 | RU242 | Left | -0.65 | 0.04  | 2.58  | <=11 | Pass |
|                     |      | 5190 | RU484 | Left | -2.48 | -3.21 | -0.06 | <=11 | Pass |
|                     |      | 5230 | RU484 | Left | 1.23  | -0.42 | 3.36  | <=11 | Pass |
|                     |      | 5270 | RU484 | Left | 2.82  | -0.19 | 4.46  | <=11 | Pass |
|                     |      | 5310 | RU484 | Left | -4.02 | -4.21 | -1.22 | <=11 | Pass |
|                     |      | 5510 | RU484 | Left | -5.07 | -4.15 | -1.68 | <=11 | Pass |
|                     |      | 5550 | RU484 | Left | 0.86  | 0.65  | 3.70  | <=11 | Pass |
| 802.11ax<br>(HEW80) | MIMO | 5670 | RU484 | Left | 0.72  | 0.58  | 3.40  | <=11 | Pass |
|                     |      | 5210 | RU996 | Left | -6.27 | -7.39 | -3.89 | <=11 | Pass |
|                     |      | 5290 | RU996 | Left | -6.82 | -7.24 | -4.14 | <=11 | Pass |
|                     |      | 5530 | RU996 | Left | -8.05 | -6.60 | -4.41 | <=11 | Pass |
|                     |      | 5610 | RU996 | Left | -8.72 | -6.54 | -4.67 | <=11 | Pass |

Note1: Antenna Gain:

- Band: 1 Ant1: -0.60dBi;
- Band: 3 Ant1: -0.50dBi;
- Band: 2A Ant1: -0.20dBi;
- Band: 2C Ant1: -0.40dBi;
- Band: 1 Ant2: 0.80dBi; -
- Band: 2A Ant2: 0.80dBi;



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 252 of 404

-Band: 2C Ant2: 1.00dBi;  
- Band: 3 Ant2: 0.90dBi -;  
Directional gain:4.01dBi



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SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260600009304

Page: 253 of 404

### 4.1.2 PSD-UNII-3

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | Maximum PSD (dBm/500kHz) |       |       |       | Verdict |
|------------------|---------|-----------------|-------|--------|--------------------------|-------|-------|-------|---------|
|                  |         |                 |       |        | ANT1                     | ANT2  | MIMO  | Limit |         |
| 802.11a          | SISO    | 5745            | /     | /      | 0.46                     | 0.70  | /     | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 0.35                     | 0.18  | /     | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 0.72                     | 1.35  | /     | <=30  | Pass    |
| 802.11n (HT20)   | MIMO    | 5745            | /     | /      | 0.48                     | 0.86  | 3.47  | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 1.14                     | 1.57  | 4.19  | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 1.04                     | 1.88  | 4.29  | <=30  | Pass    |
| 802.11n (HT40)   | MIMO    | 5755            | /     | /      | -2.37                    | -1.88 | 0.81  | <=30  | Pass    |
|                  |         | 5795            | /     | /      | -2.98                    | -2.32 | 0.25  | <=30  | Pass    |
| 802.11ac (VHT20) | MIMO    | 5745            | /     | /      | 1.59                     | 0.60  | 3.94  | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 2.06                     | 0.14  | 4.16  | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 2.59                     | 0.21  | 4.40  | <=30  | Pass    |
| 802.11ac (VHT40) | MIMO    | 5755            | /     | /      | -7.03                    | -6.94 | -4.17 | <=30  | Pass    |
|                  |         | 5795            | /     | /      | -0.17                    | -2.25 | 1.87  | <=30  | Pass    |
| 802.11ac (VHT80) | MIMO    | 5775            | /     | /      | -5.61                    | -7.13 | -3.29 | <=30  | Pass    |
| 802.11ax (HEW20) | MIMO    | 5745            | RU242 | Left   | 1.13                     | 0.30  | 3.62  | <=30  | Pass    |
|                  |         | 5785            | RU242 | Left   | 1.56                     | -0.23 | 3.76  | <=30  | Pass    |
|                  |         | 5825            | RU242 | Left   | 1.65                     | 0.26  | 3.85  | <=30  | Pass    |
| 802.11ax (HEW40) | MIMO    | 5755            | RU484 | Left   | -0.80                    | -2.00 | 1.47  | <=30  | Pass    |
|                  |         | 5795            | RU484 | Left   | -0.64                    | -2.57 | 1.41  | <=30  | Pass    |
| 802.11ax (HEW80) | MIMO    | 5775            | RU996 | Left   | -4.87                    | -5.88 | -2.47 | <=30  | Pass    |

Note1: Antenna Gain:

- Band: 3 Ant1: -0.50dBi;
- Band: 2A Ant1: -0.20dBi;
- Band: 2C Ant1: -0.40dBi;
- Band: 1 Ant1: -0.60dBi;
- Band: 1 Ant2: 0.80dBi;
- Band: 3 Ant2: 0.90dBi;
- Band: 2A Ant2: 0.80dBi;
- Band: 2C Ant2: 1.00dBi;

Note2: Directional Gain: Band1: 4.01dBi



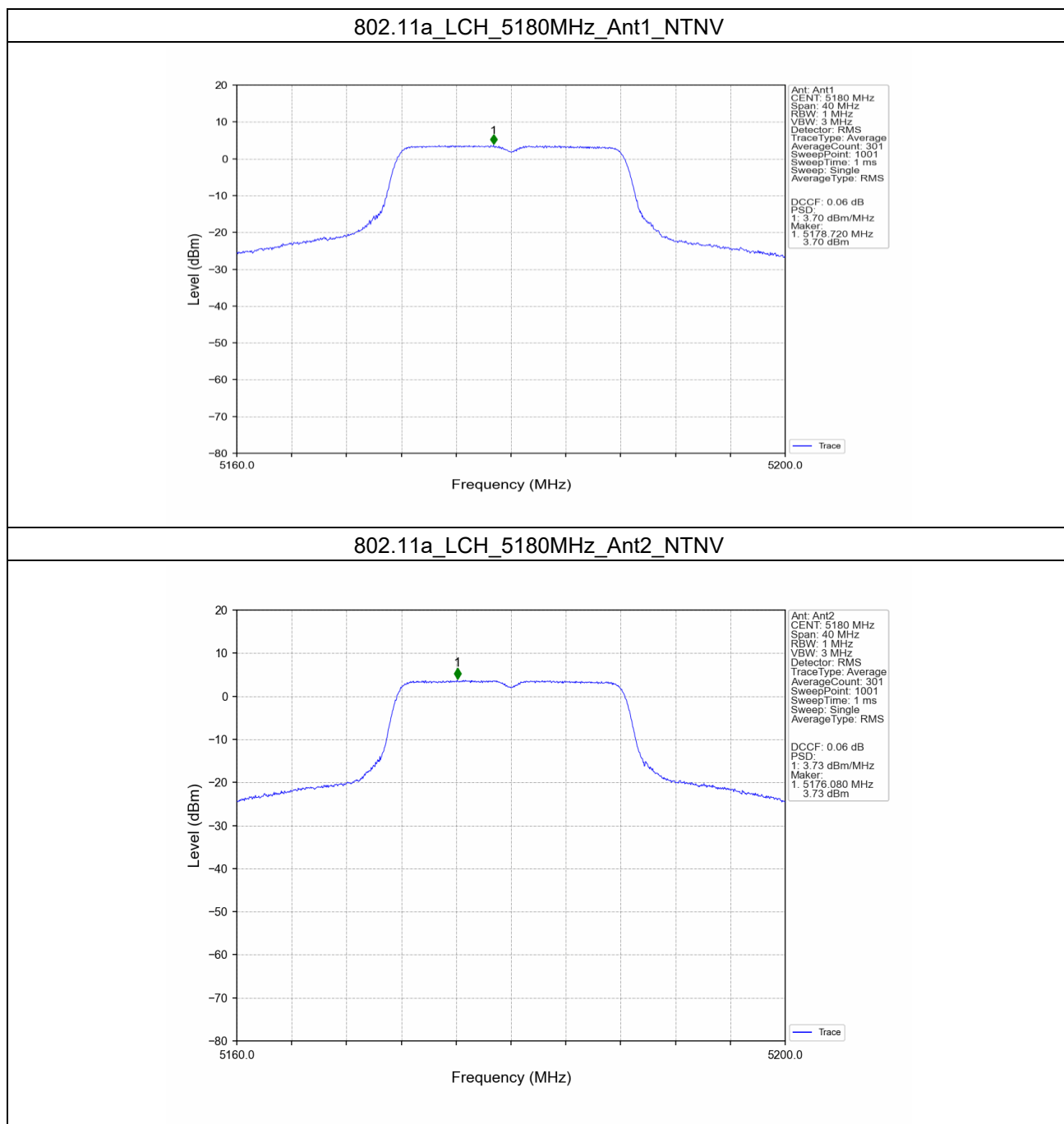
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### 4.2 Test Graph

#### 4.2.1 PSD



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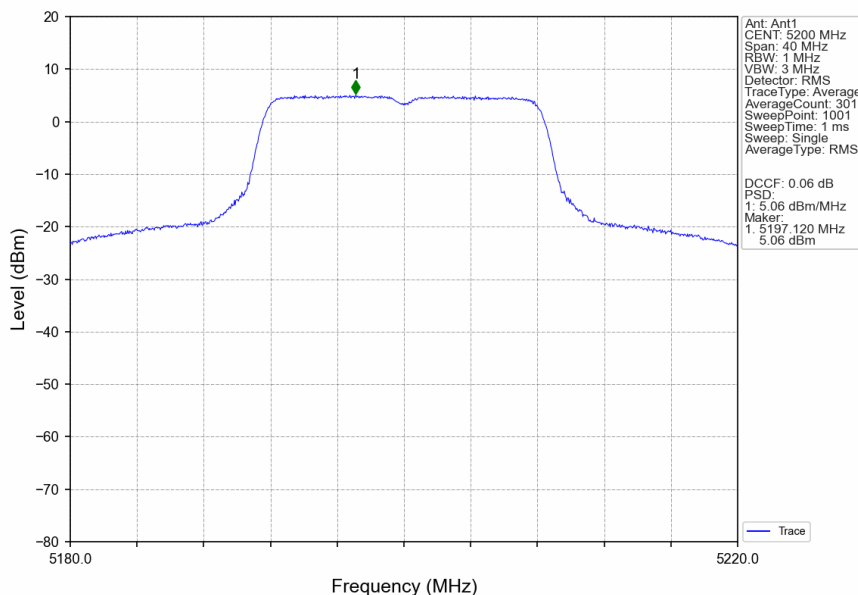
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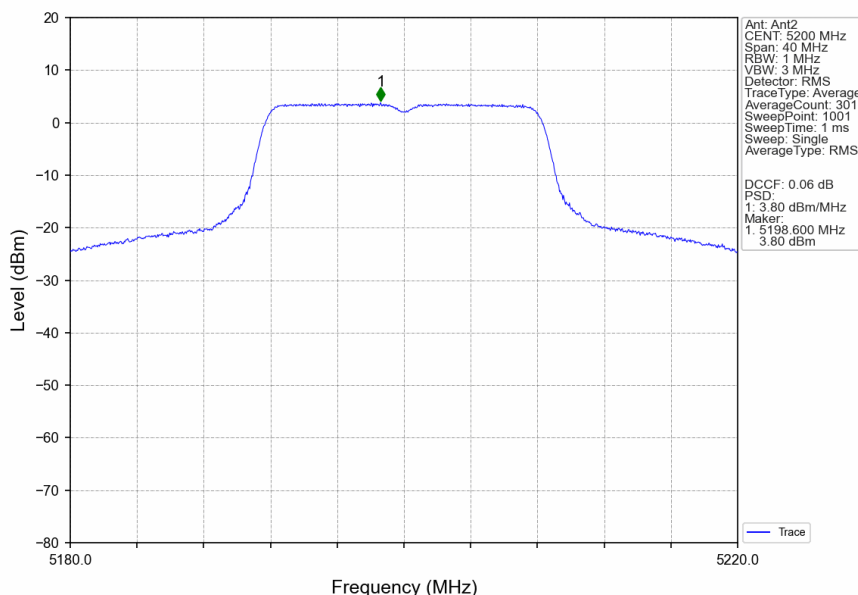
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Page: 255 of 404

802.11a\_MCH\_5200MHz\_Ant1\_NTNV



802.11a\_MCH\_5200MHz\_Ant2\_NTNV



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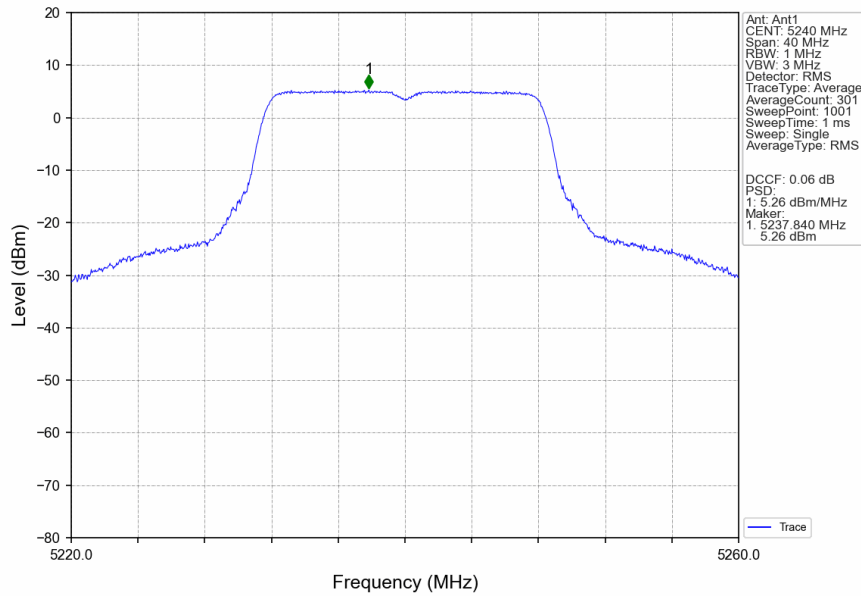
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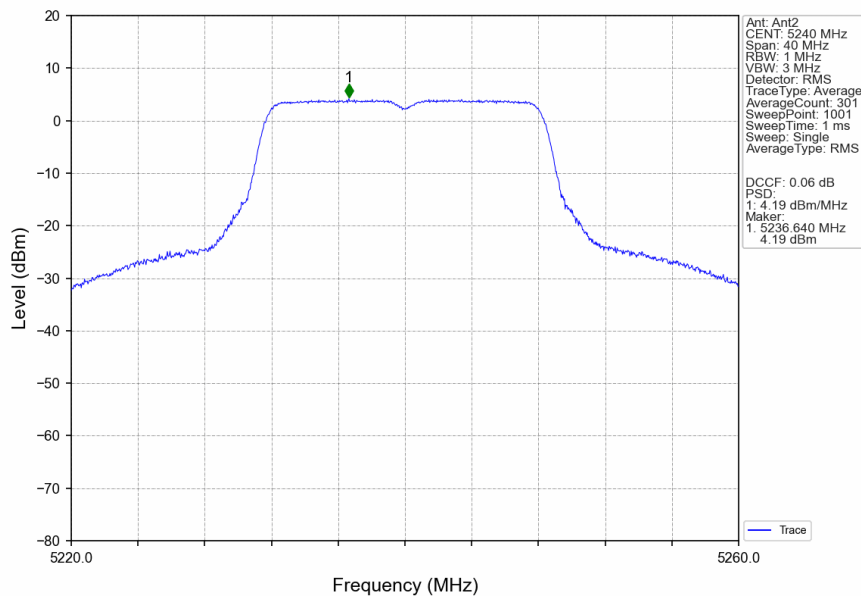
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Page: 256 of 404

802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_HCH\_5240MHz\_Ant2\_NTNV



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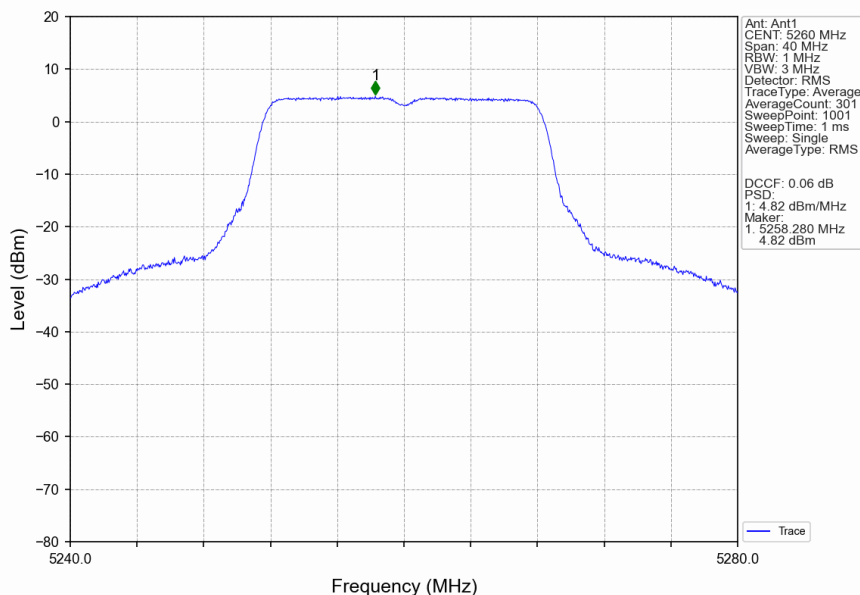
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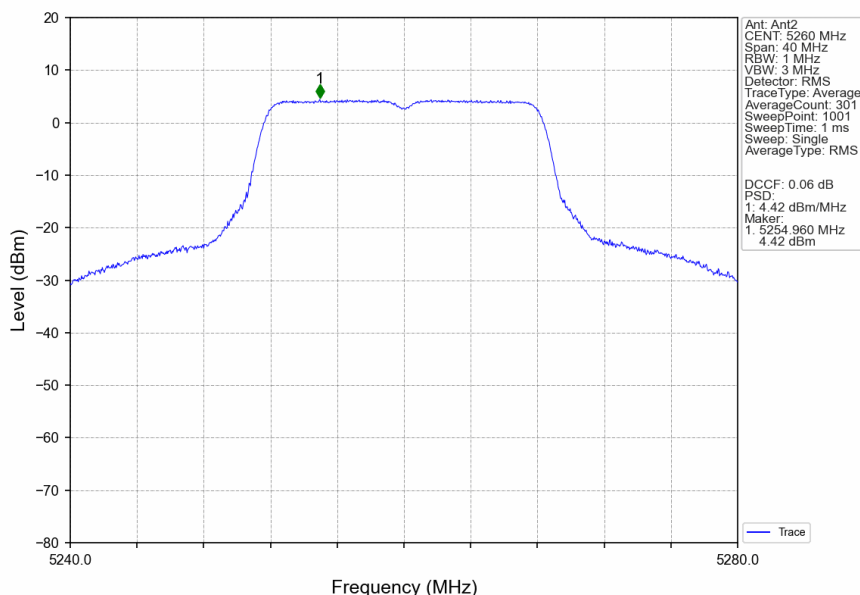
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802.11a\_LCH\_5260MHz\_Ant1\_NTNV



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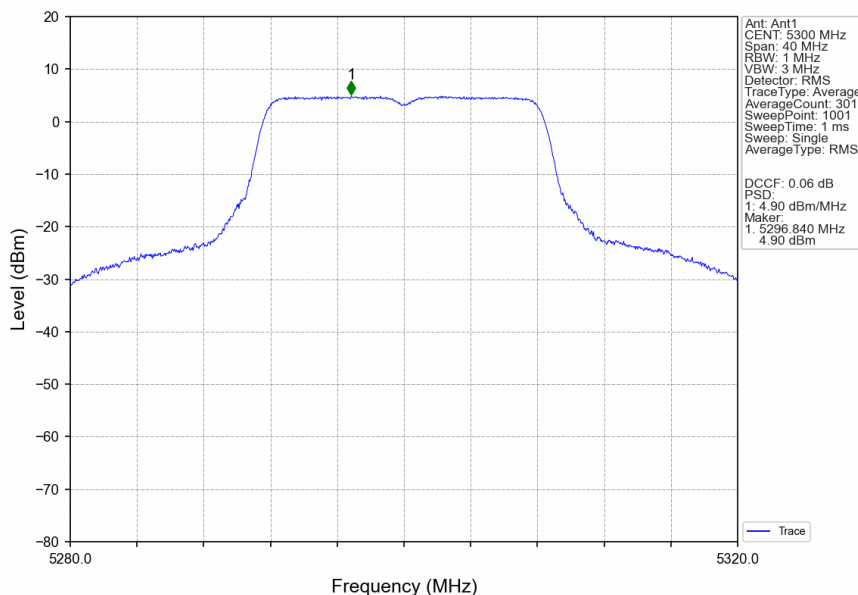
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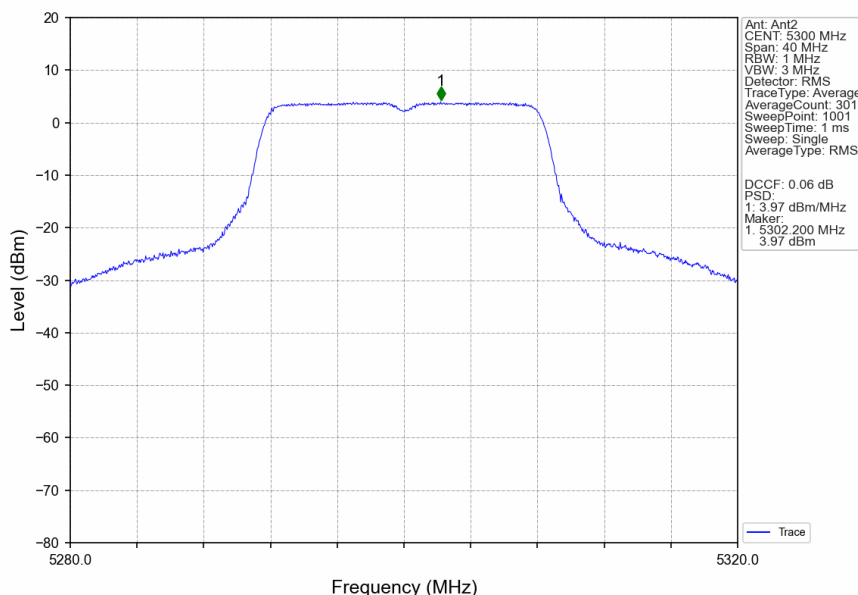
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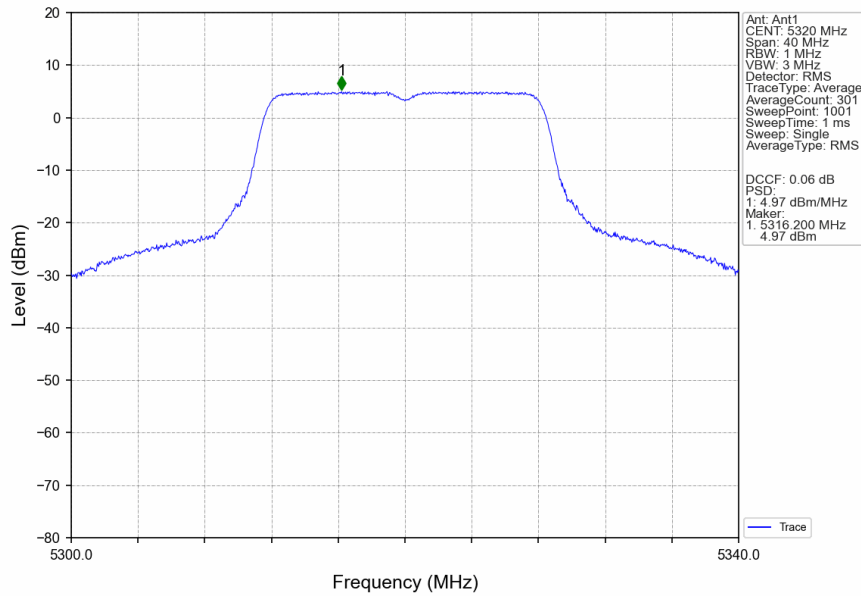
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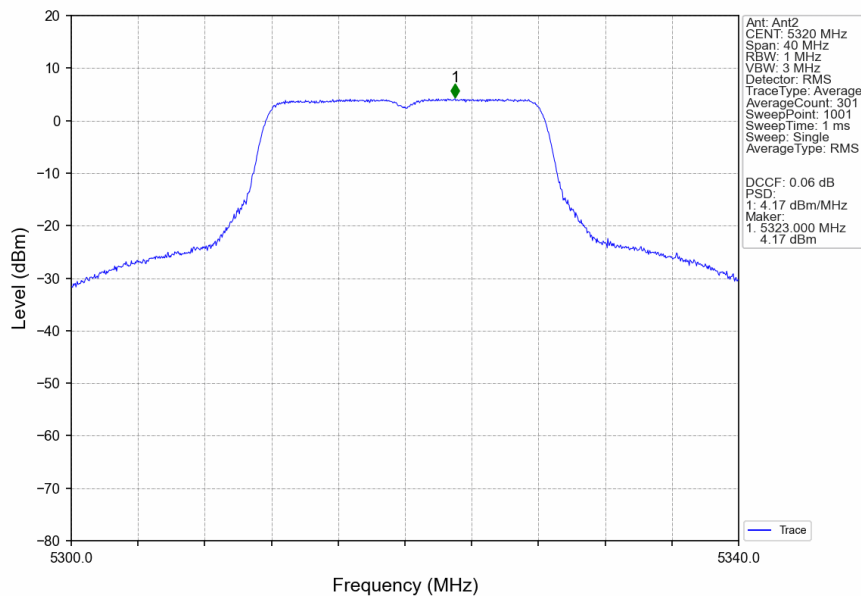
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Page: 259 of 404

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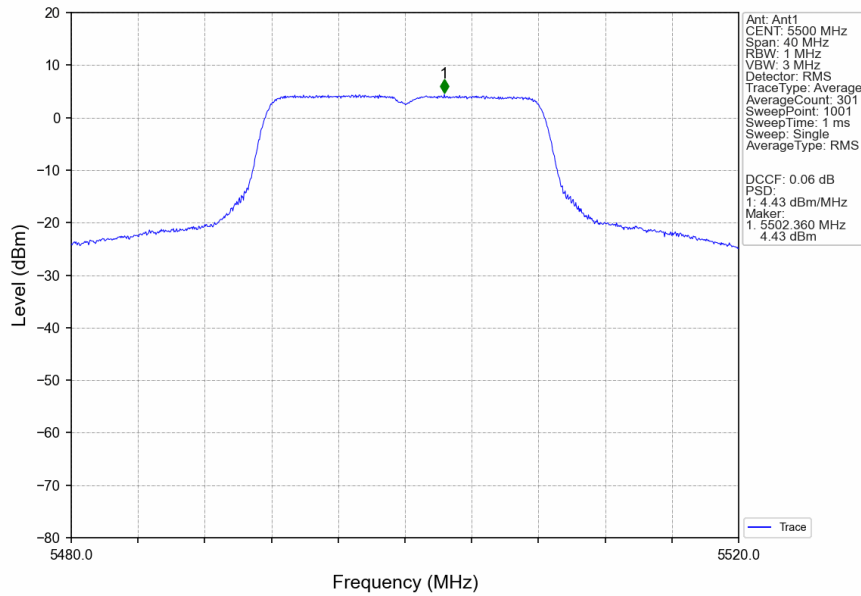
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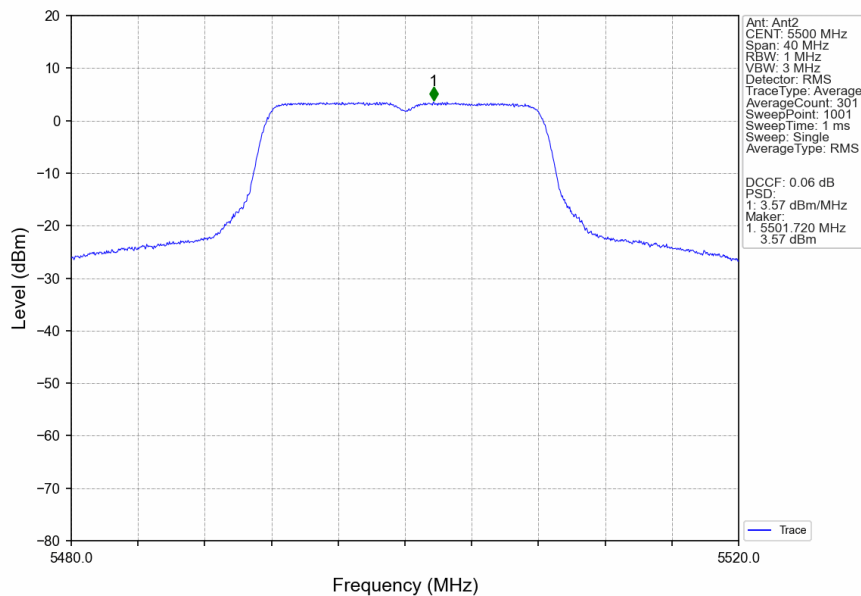
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Page: 260 of 404

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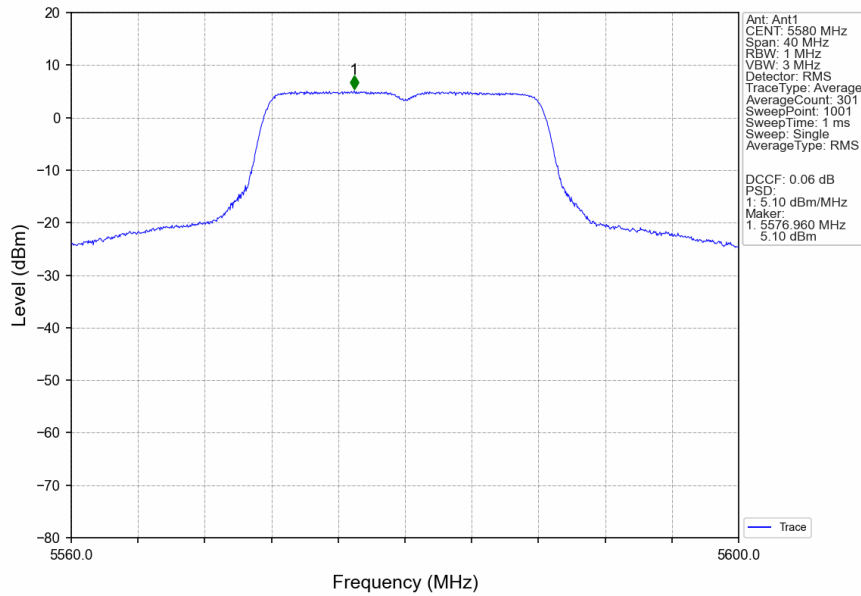
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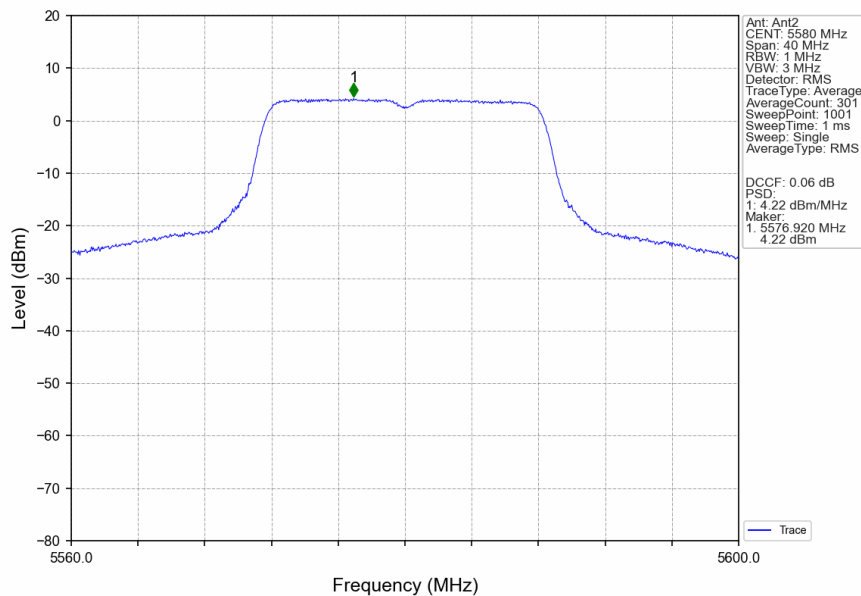
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Page: 261 of 404

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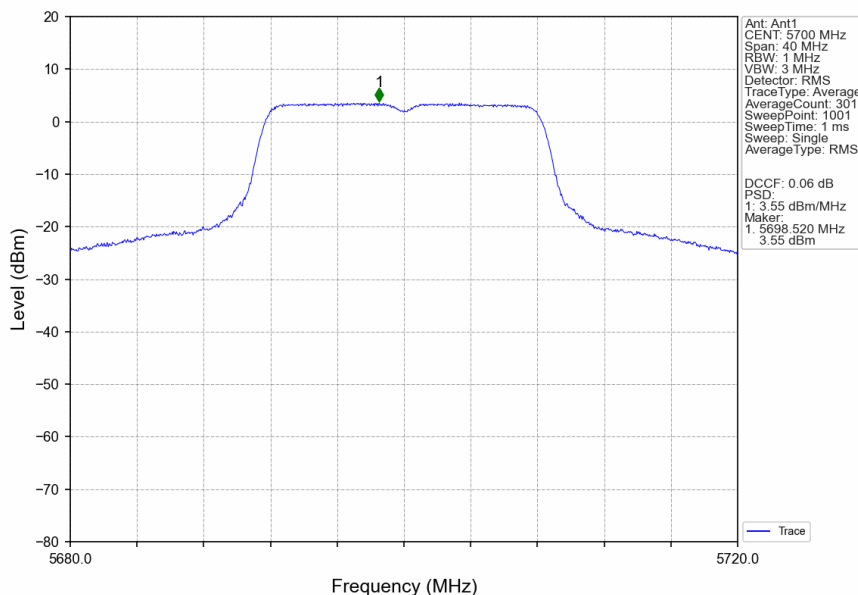
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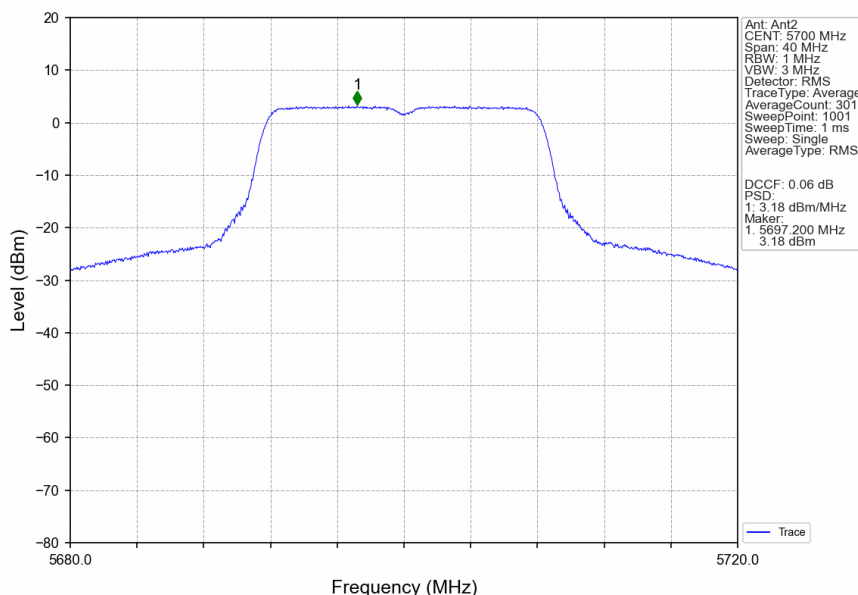
Report No.: FYCR260600009304

Page: 262 of 404

802.11a\_HCH\_5700MHz\_Ant1\_NTNV



802.11a\_HCH\_5700MHz\_Ant2\_NTNV



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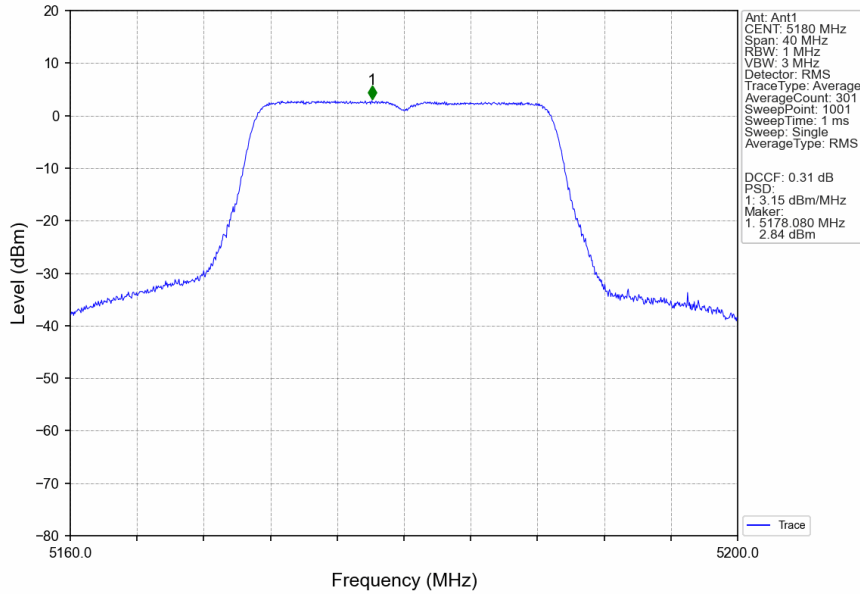
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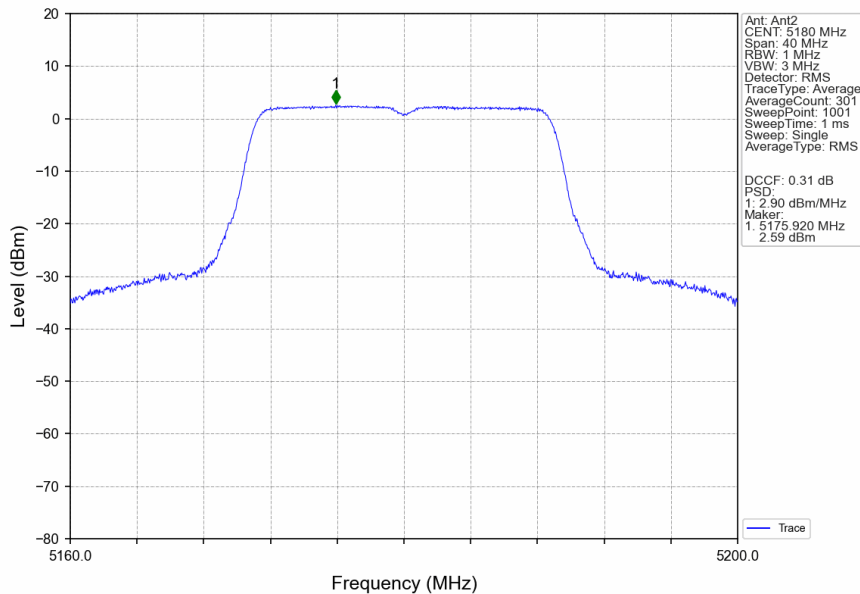
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Page: 263 of 404

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



802.11n(HT20)\_LCH\_5180MHz\_Ant2\_NTNV



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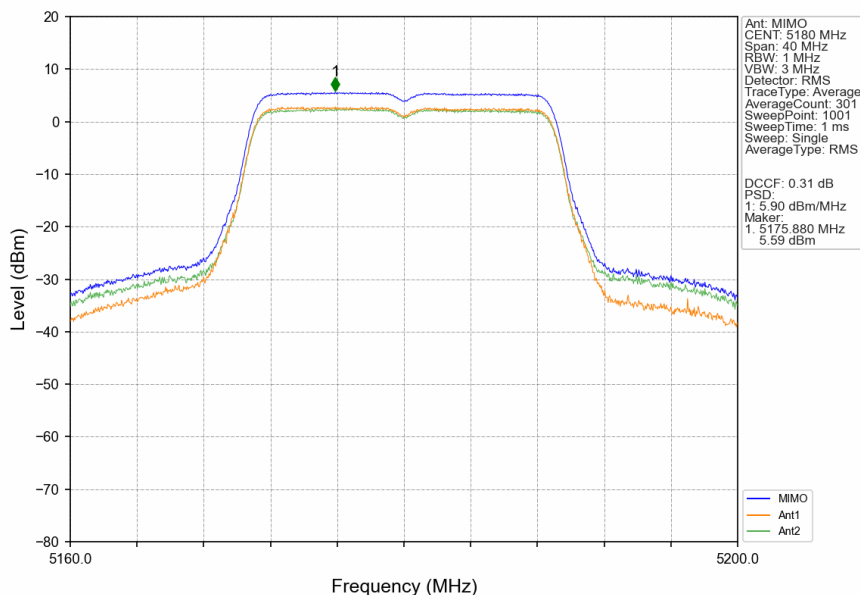
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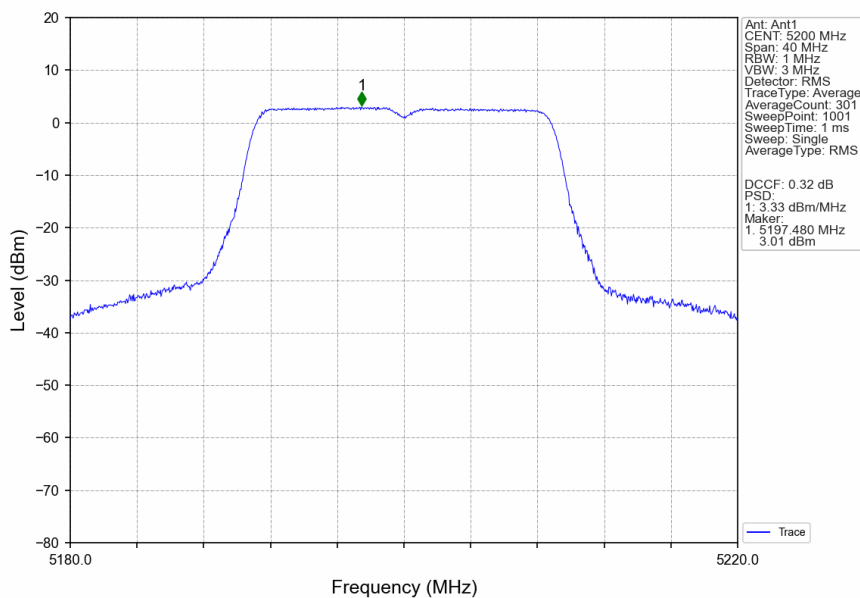
Report No.: FYCR260600009304

Page: 264 of 404

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



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



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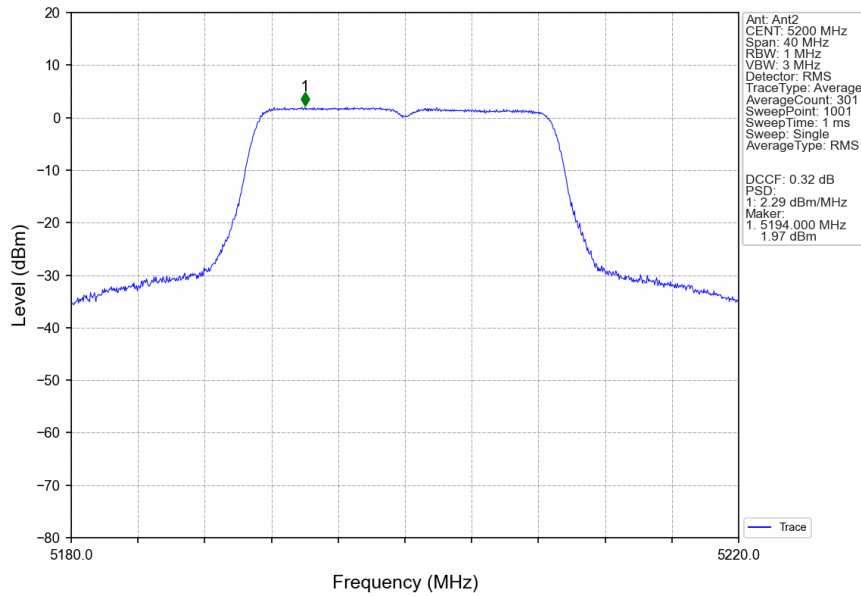
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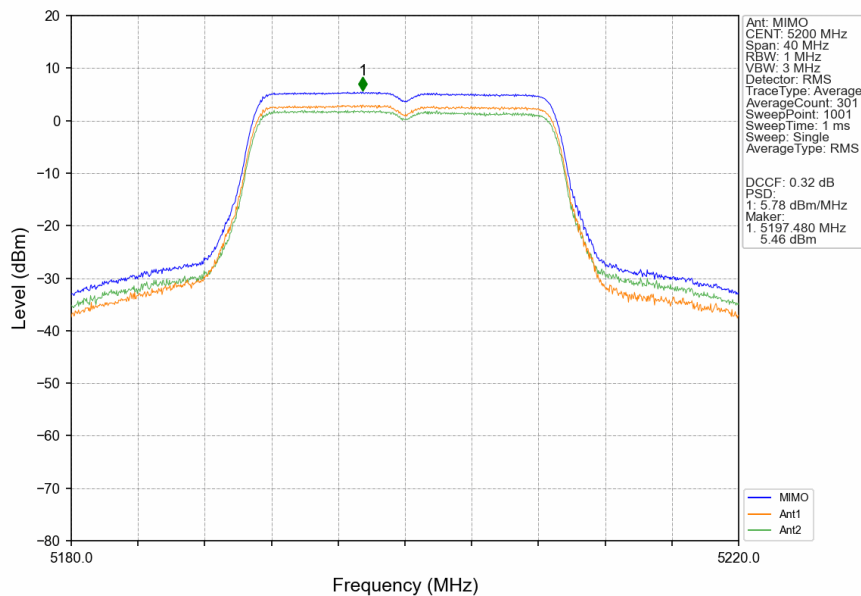
Report No.: FYCR260600009304

Page: 265 of 404

802.11n(HT20)\_MCH\_5200MHz\_Ant2\_NTNV



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



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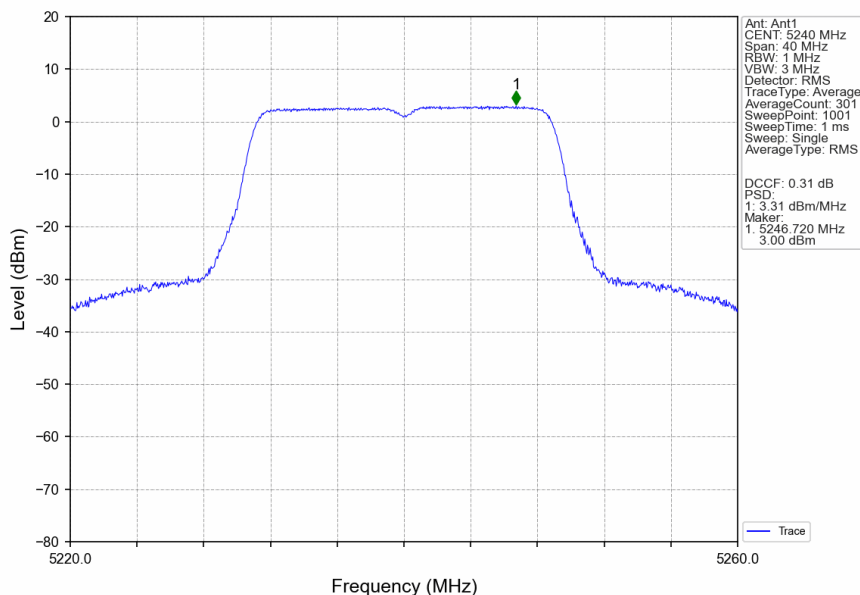
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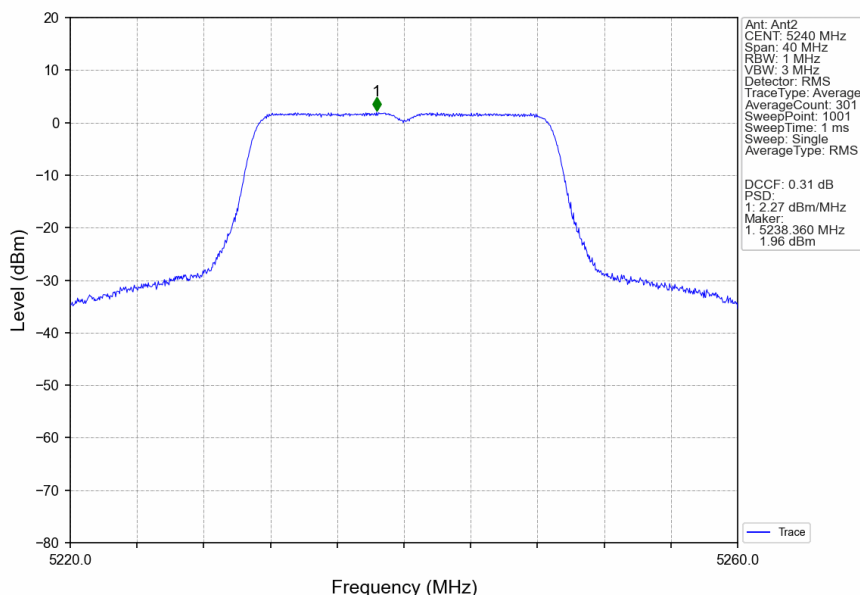
Report No.: FYCR260600009304

Page: 266 of 404

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



802.11n(HT20)\_HCH\_5240MHz\_Ant2\_NTNV



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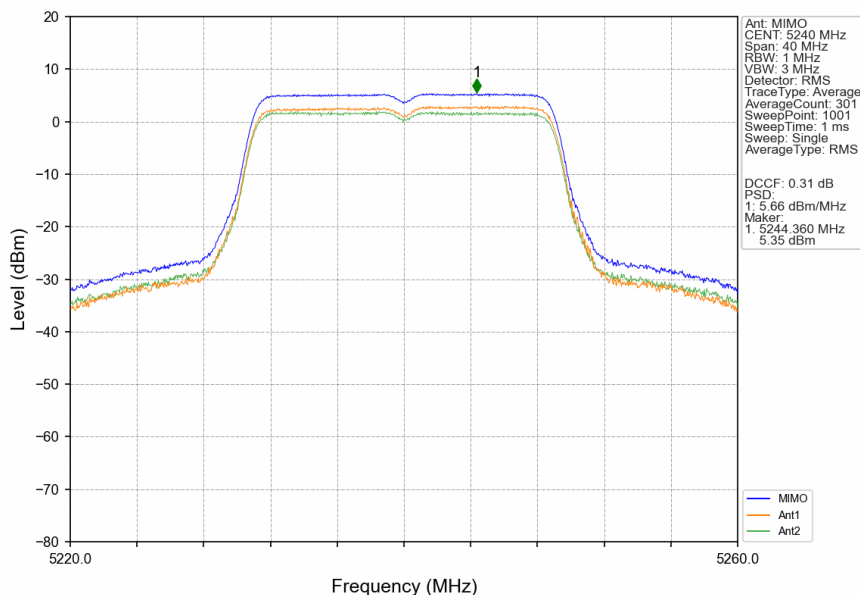
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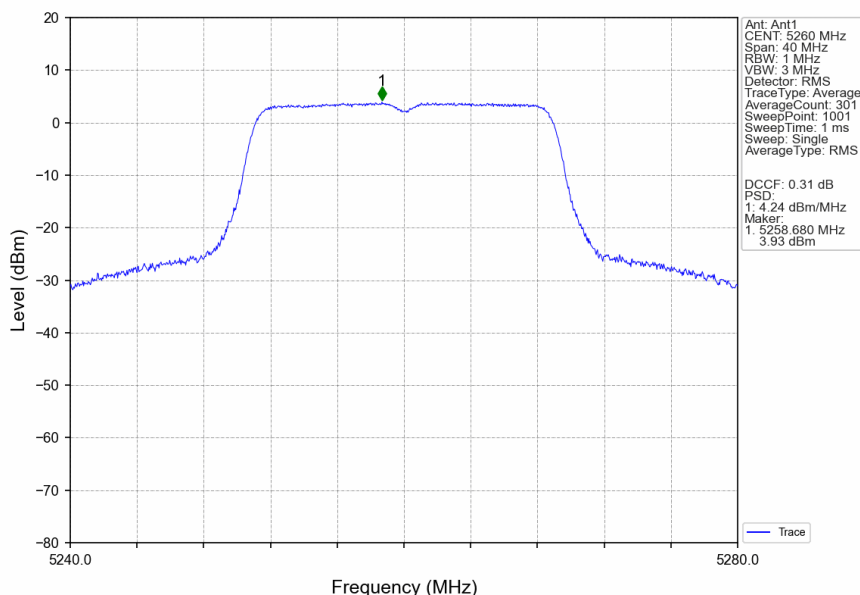
Report No.: FYCR260600009304

Page: 267 of 404

### 802.11n(HT20)\_HCH\_5240MHz\_MIMO\_NTNV



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



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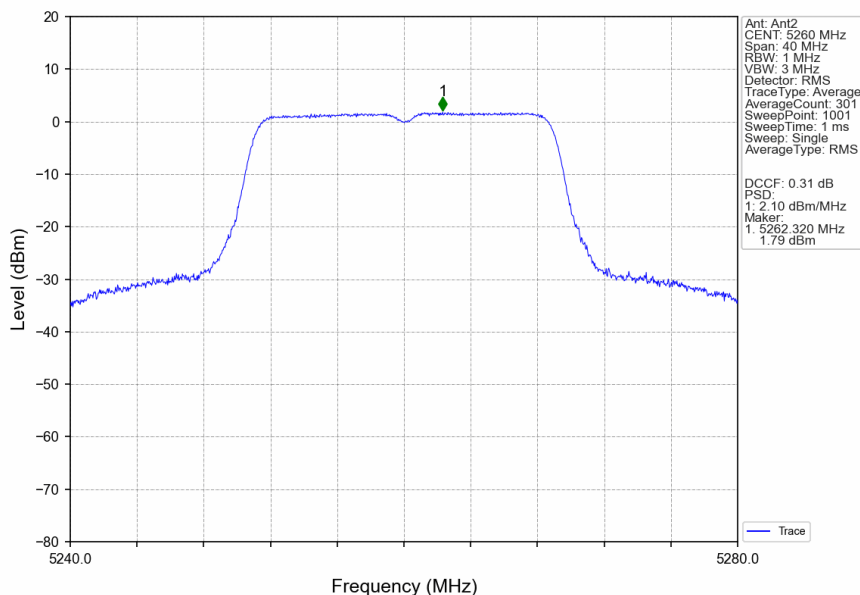
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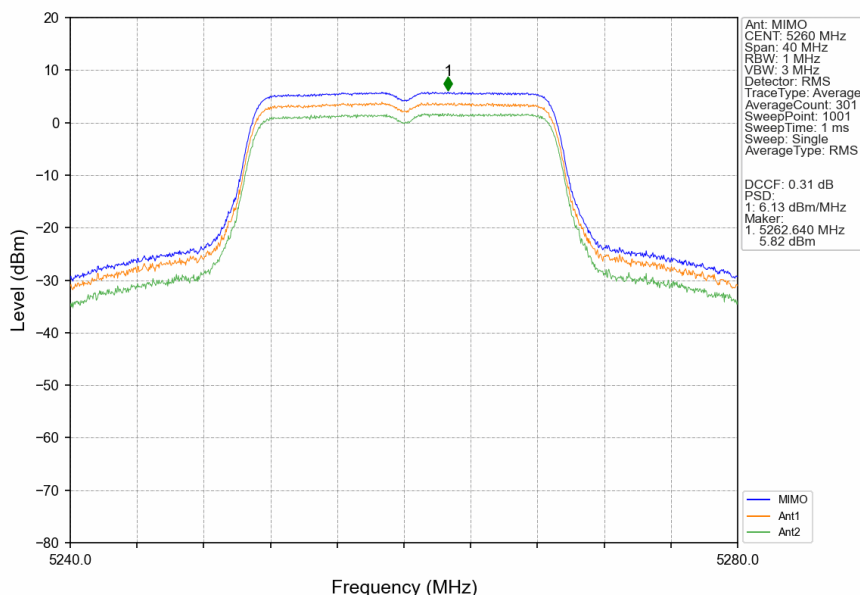
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Page: 268 of 404

802.11n(HT20)\_LCH\_5260MHz\_Ant2\_NTNV



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



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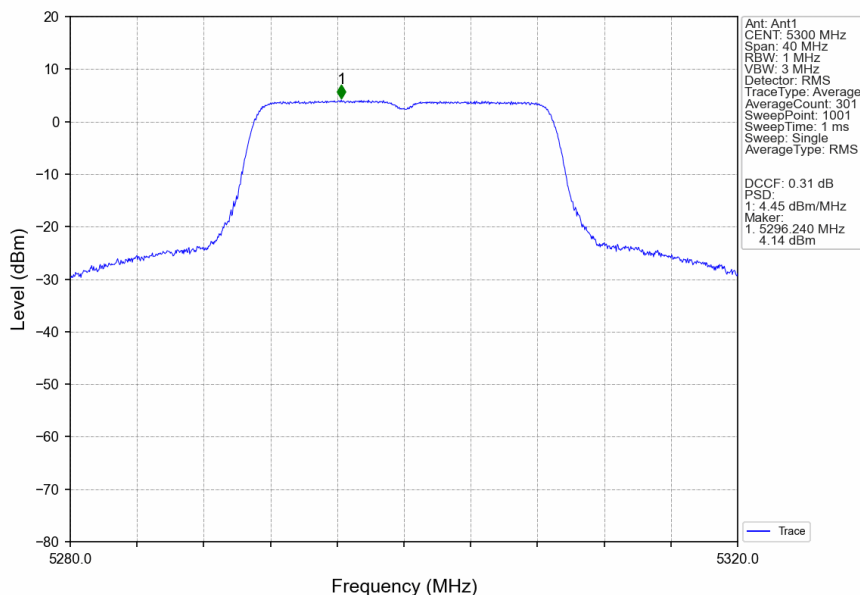
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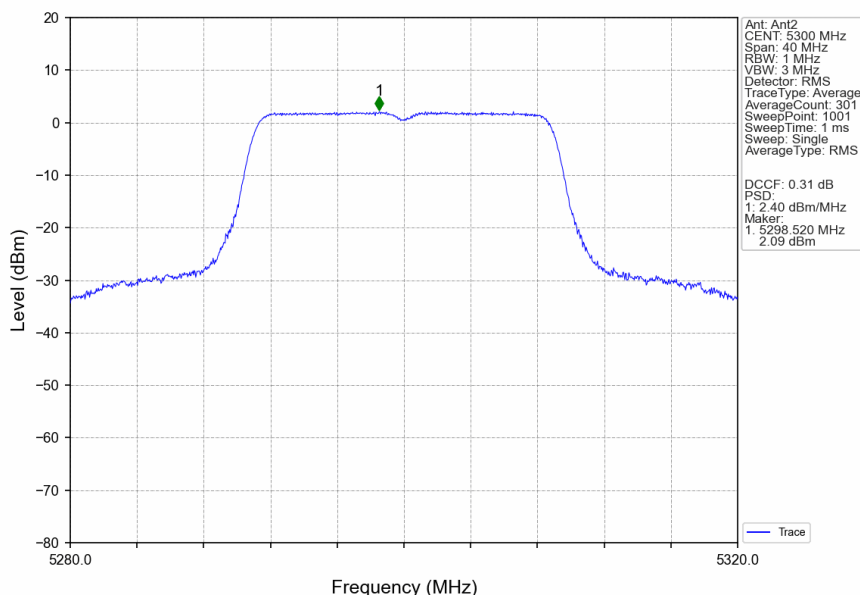
Report No.: FYCR260600009304

Page: 269 of 404

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



802.11n(HT20)\_MCH\_5300MHz\_Ant2\_NTNV



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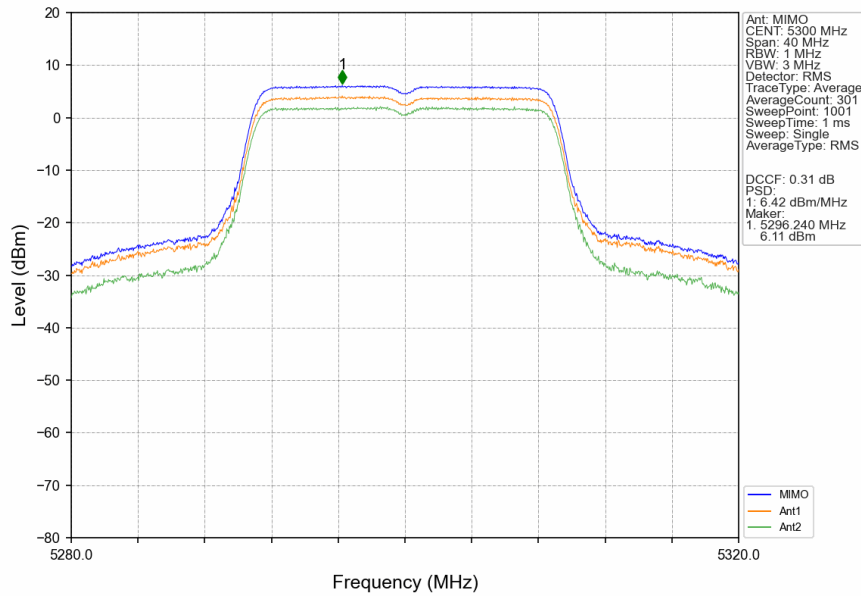
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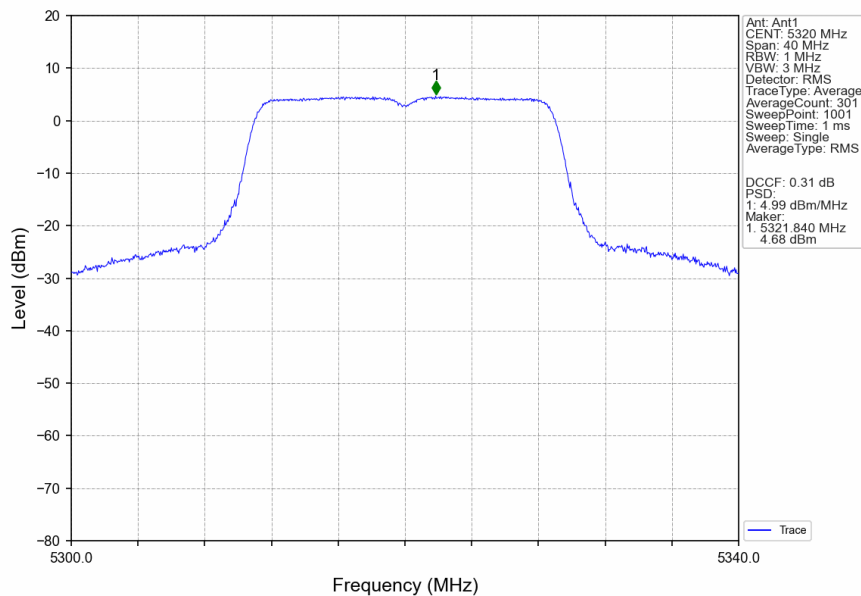
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Page: 270 of 404

### 802.11n(HT20)\_MCH\_5300MHz\_MIMO\_NTNV



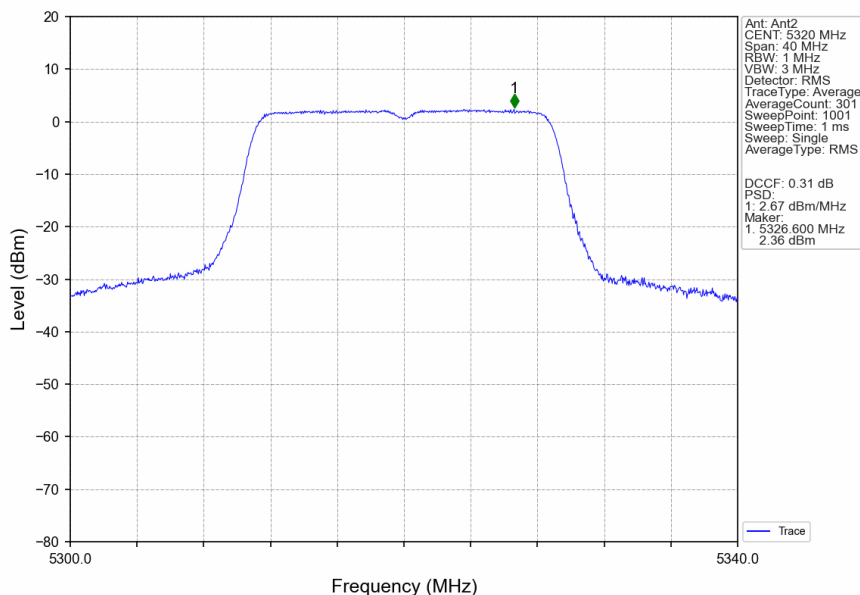
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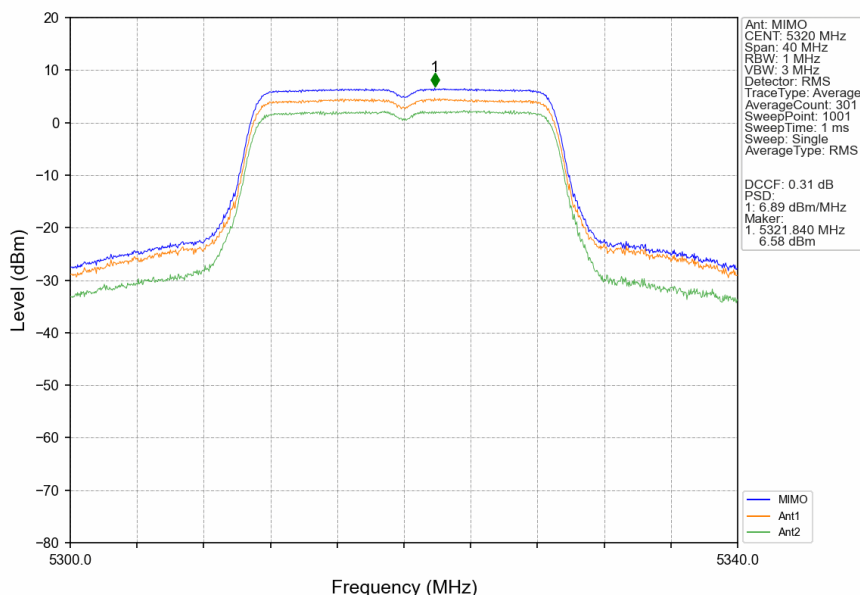
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802.11n(HT20)\_HCH\_5320MHz\_Ant2\_NTNV



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



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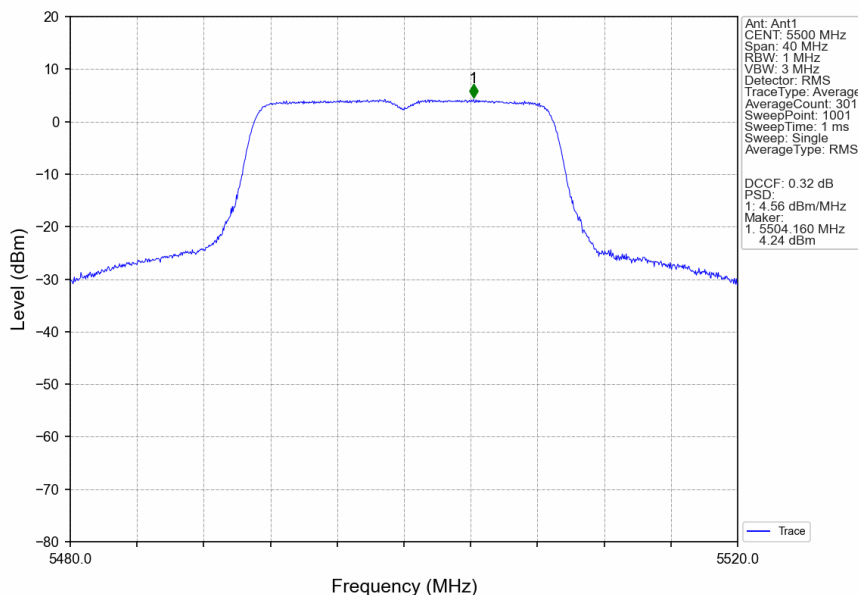
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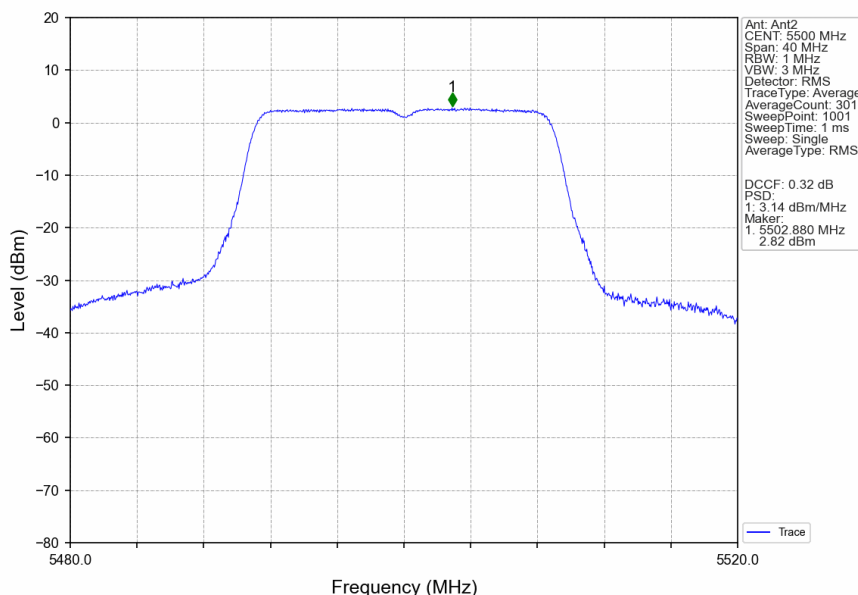
Report No.: FYCR260600009304

Page: 272 of 404

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



802.11n(HT20)\_LCH\_5500MHz\_Ant2\_NTNV



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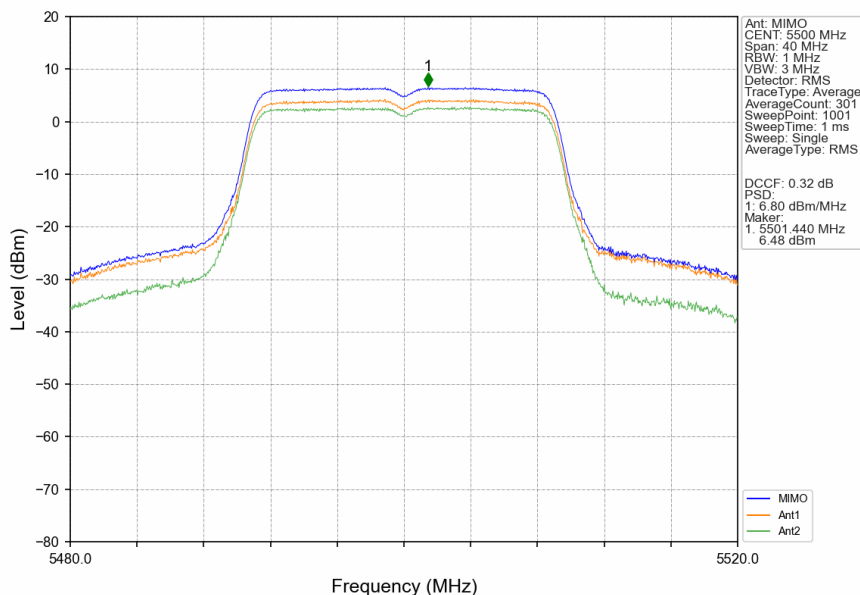
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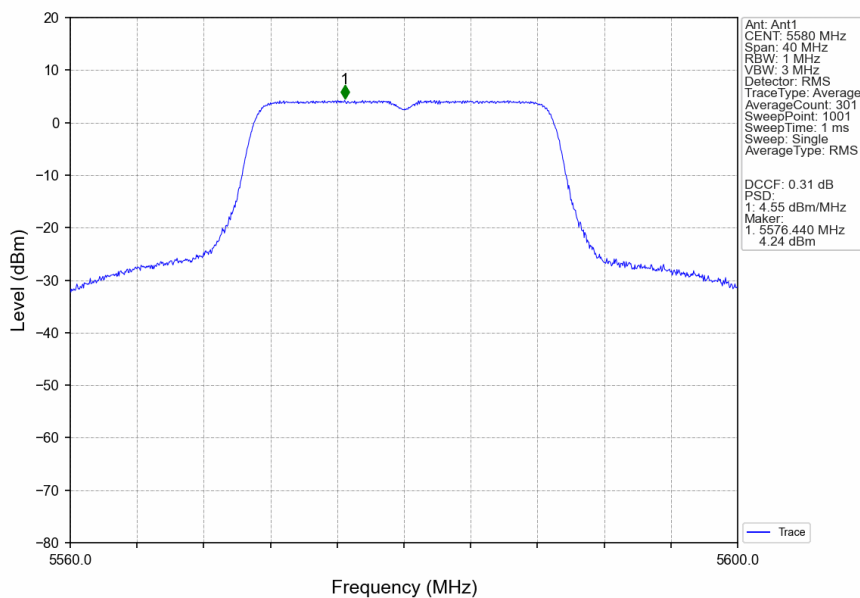
Report No.: FYCR260600009304

Page: 273 of 404

### 802.11n(HT20)\_LCH\_5500MHz\_MIMO\_NTNV



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



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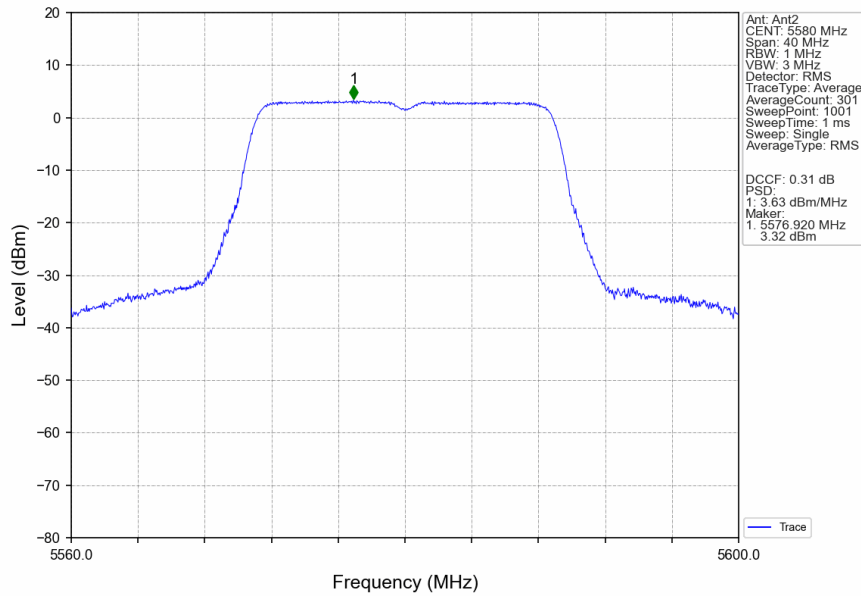
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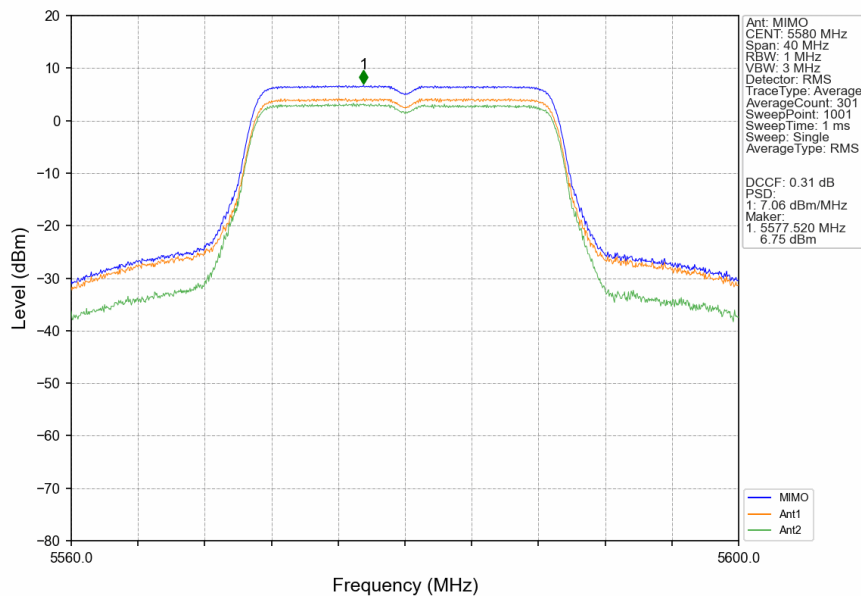
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Page: 274 of 404

802.11n(HT20)\_MCH\_5580MHz\_Ant2\_NTNV



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



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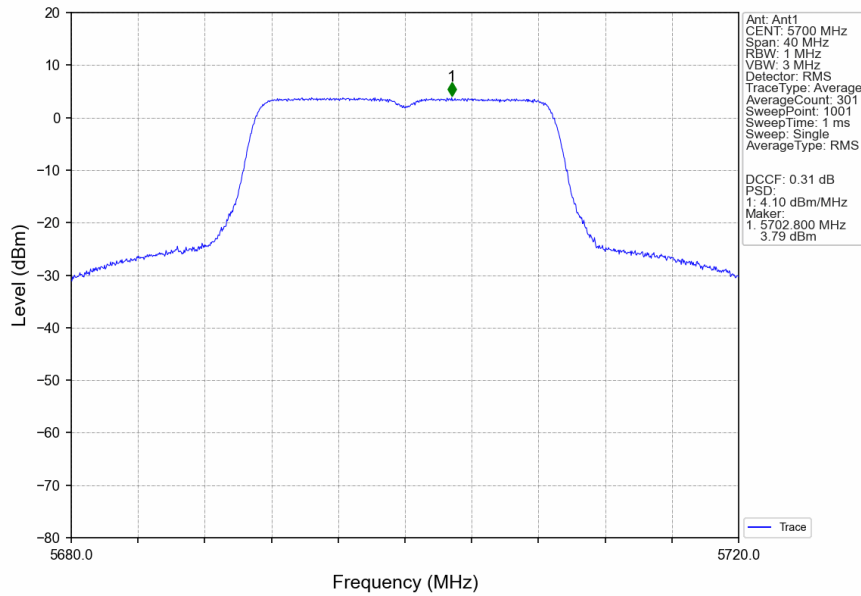
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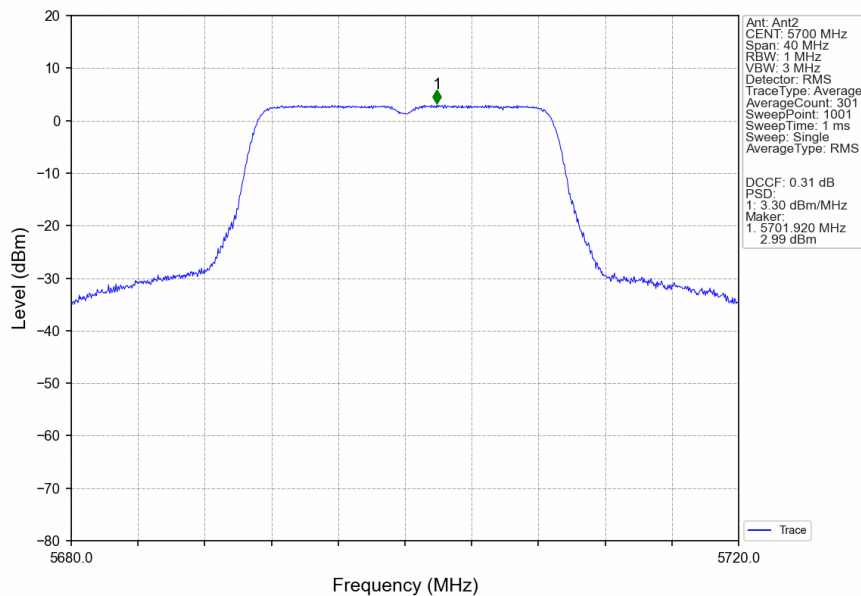
Report No.: FYCR260600009304

Page: 275 of 404

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



802.11n(HT20)\_HCH\_5700MHz\_Ant2\_NTNV

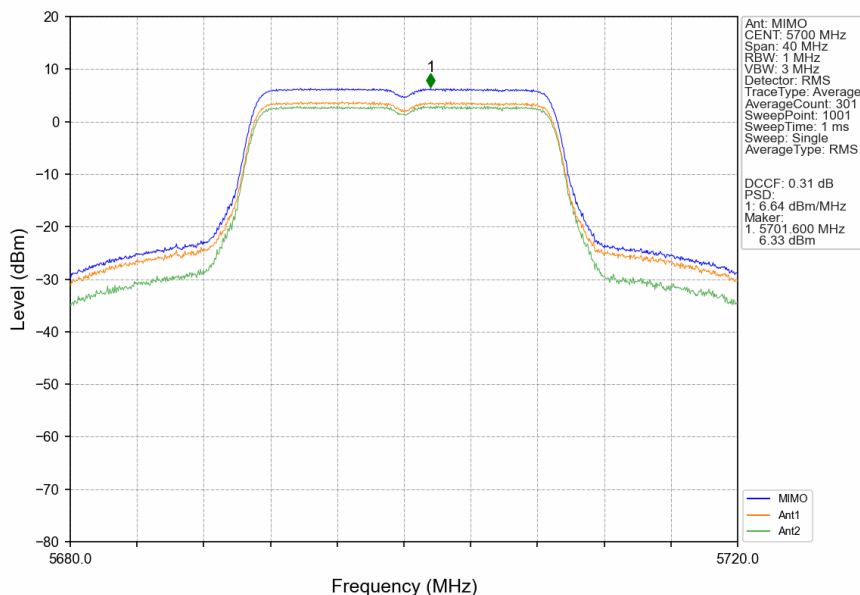


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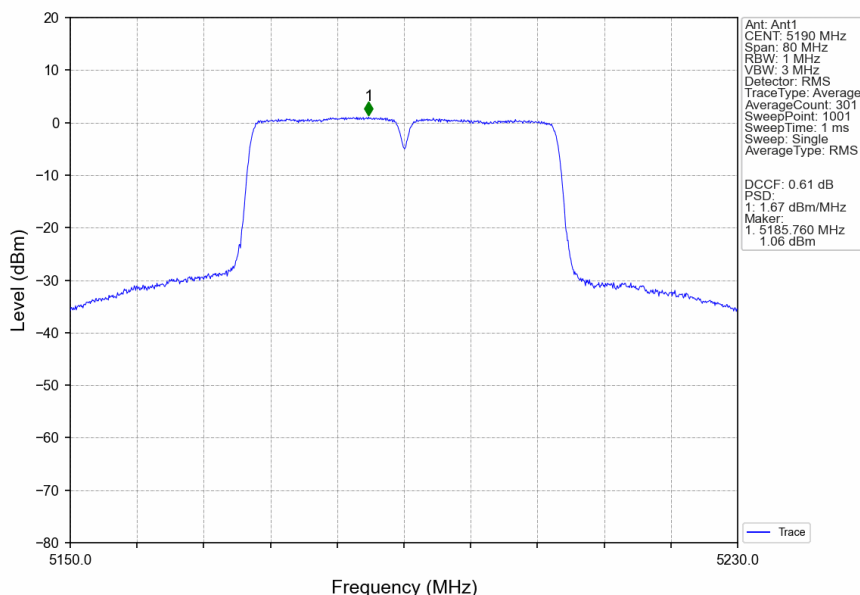
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### 802.11n(HT20)\_HCH\_5700MHz\_MIMO\_NTNV



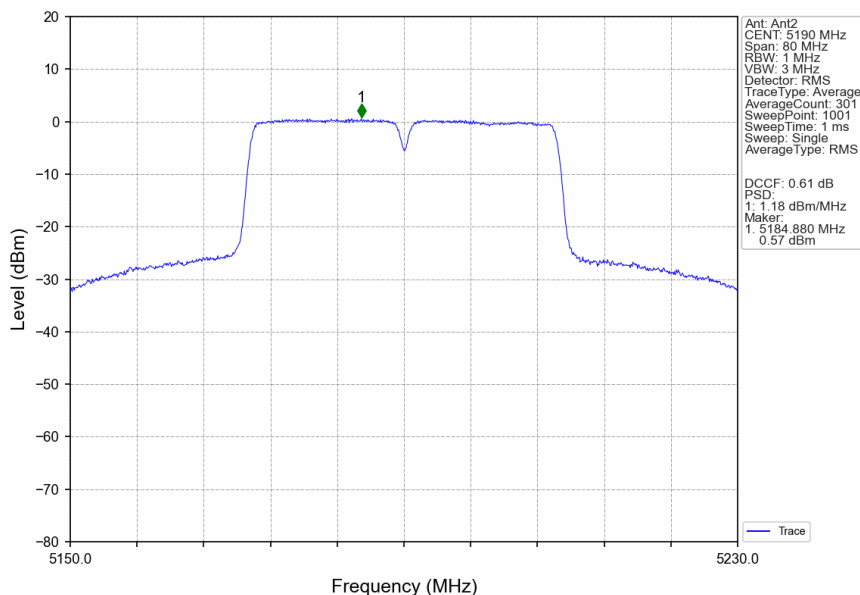
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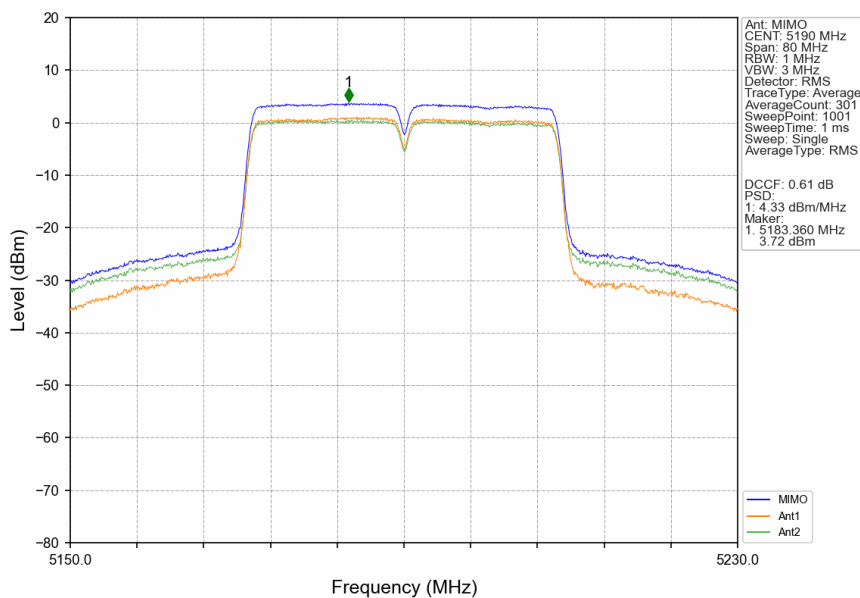
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### 802.11n(HT40)\_LCH\_5190MHz\_Ant2\_NTNV



### 802.11n(HT40)\_LCH\_5190MHz\_MIMO\_NTNV



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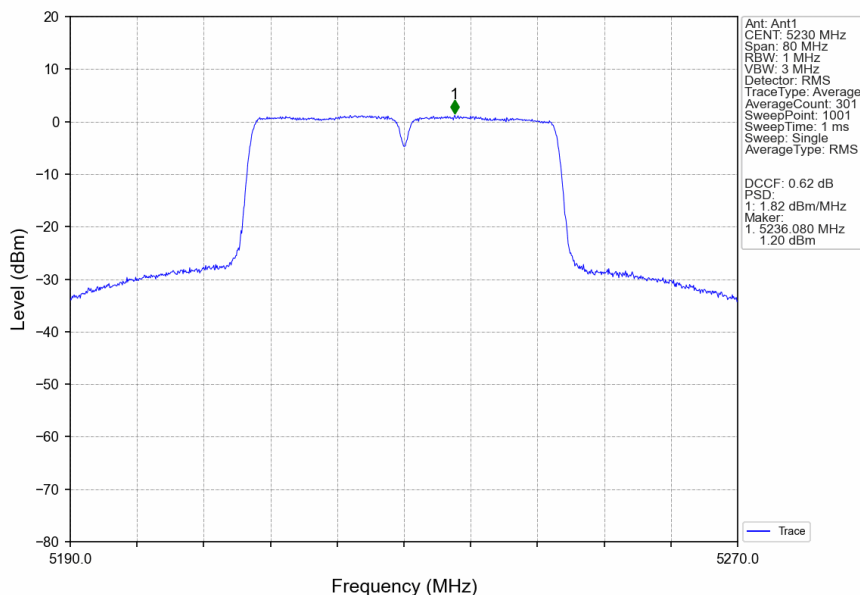
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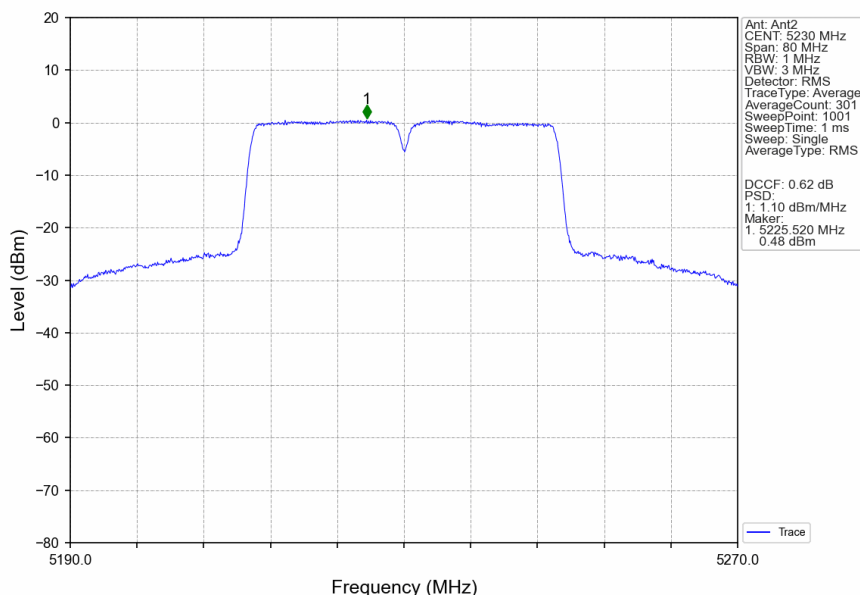
Report No.: FYCR260600009304

Page: 278 of 404

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



802.11n(HT40)\_HCH\_5230MHz\_Ant2\_NTNV

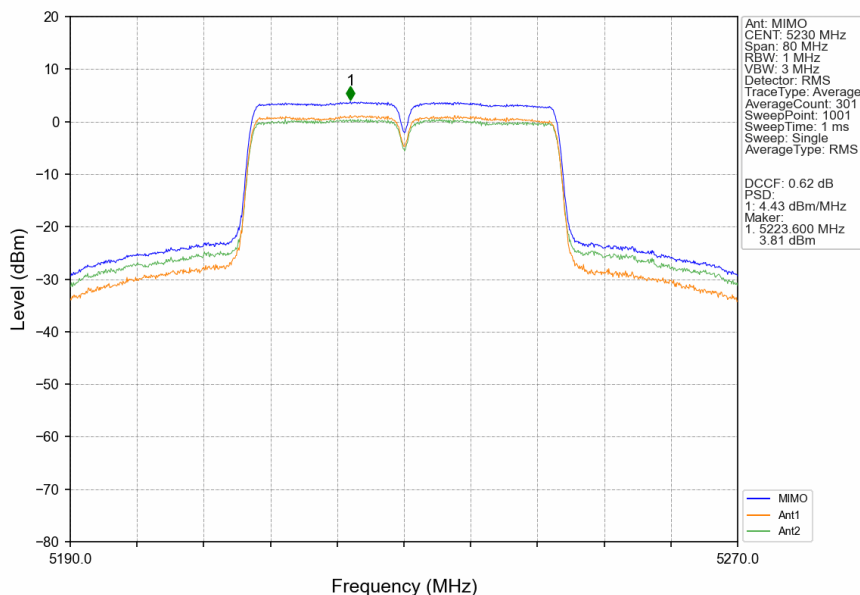


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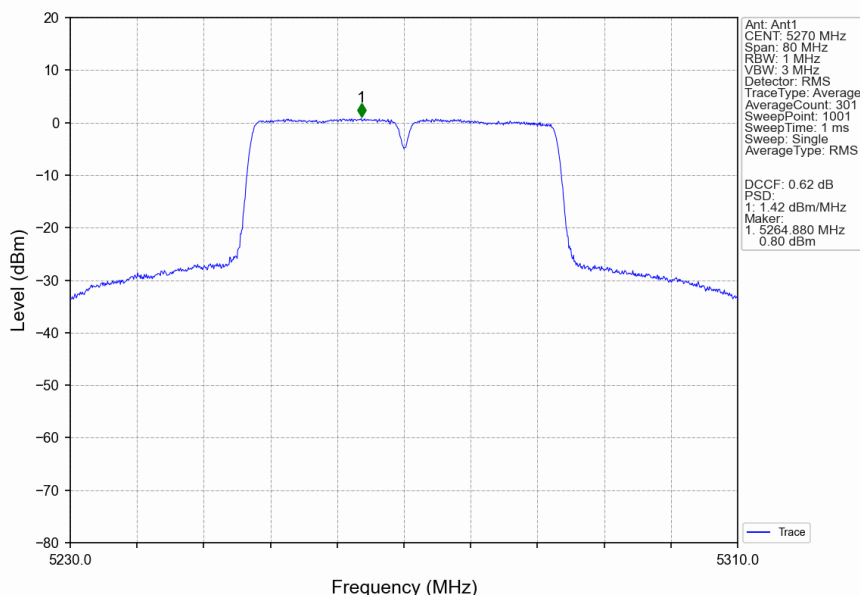
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### 802.11n(HT40)\_HCH\_5230MHz\_MIMO\_NTNV



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



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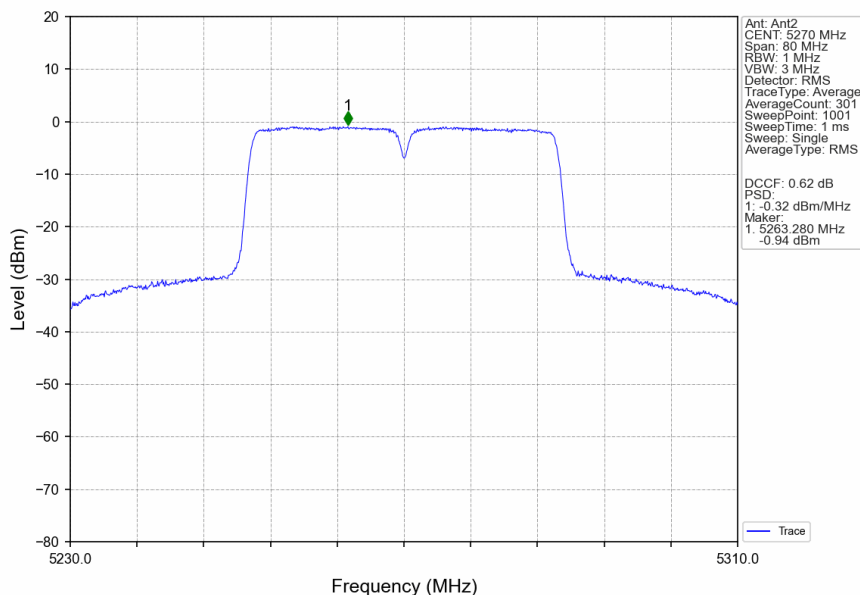
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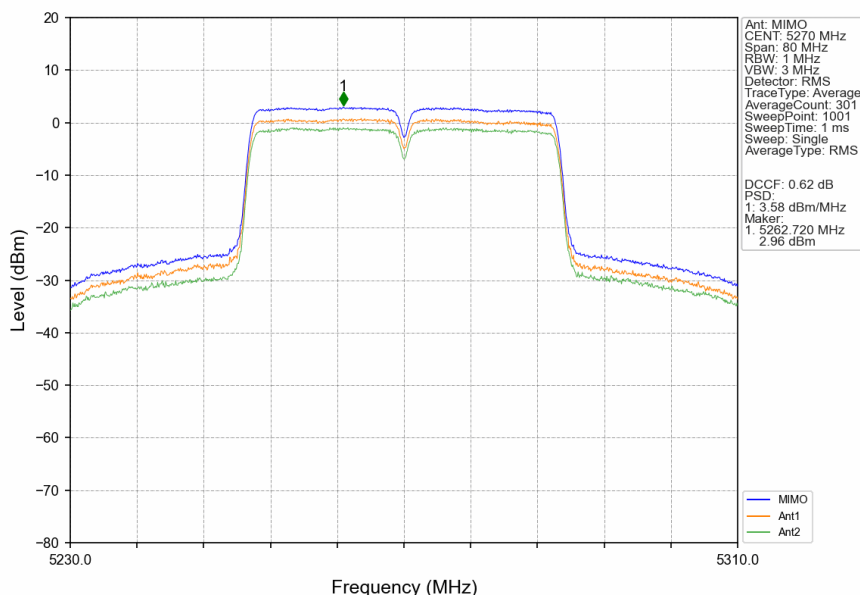
Report No.: FYCR260600009304

Page: 280 of 404

802.11n(HT40)\_LCH\_5270MHz\_Ant2\_NTNV



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



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