

## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | 99% Occupied Bandwidth (MHz) |       | Verdict |
|------------------|---------|-----------------|-------|--------|-----|------------------------------|-------|---------|
|                  |         |                 |       |        |     | Result                       | Limit |         |
| 802.11a          | SISO    | 5180            | /     | /      | 1   | 17.575                       | /     | Pass    |
|                  |         | 5200            | /     | /      | 1   | 17.474                       | /     | Pass    |
|                  |         | 5240            | /     | /      | 1   | 17.841                       | /     | Pass    |
|                  |         | 5745            | /     | /      | 1   | 17.832                       | /     | Pass    |
|                  |         | 5785            | /     | /      | 1   | 17.808                       | /     | Pass    |
|                  |         | 5825            | /     | /      | 1   | 17.701                       | /     | Pass    |
| 802.11n (HT20)   | MIMO    | 5180            | /     | /      | 1   | 18.352                       | /     | Pass    |
|                  |         | 5200            | /     | /      | 1   | 18.565                       | /     | Pass    |
|                  |         | 5240            | /     | /      | 1   | 18.714                       | /     | Pass    |
|                  |         | 5745            | /     | /      | 1   | 18.652                       | /     | Pass    |
|                  |         | 5785            | /     | /      | 1   | 18.813                       | /     | Pass    |
|                  |         | 5825            | /     | /      | 1   | 18.608                       | /     | Pass    |
| 802.11n (HT40)   | MIMO    | 5190            | /     | /      | 1   | 36.352                       | /     | Pass    |
|                  |         | 5230            | /     | /      | 1   | 36.362                       | /     | Pass    |
|                  |         | 5755            | /     | /      | 1   | 36.946                       | /     | Pass    |
|                  |         | 5795            | /     | /      | 1   | 37.355                       | /     | Pass    |
| 802.11ac (VHT20) | MIMO    | 5180            | /     | /      | 1   | 18.708                       | /     | Pass    |
|                  |         | 5200            | /     | /      | 1   | 18.737                       | /     | Pass    |
|                  |         | 5240            | /     | /      | 1   | 18.945                       | /     | Pass    |
|                  |         | 5745            | /     | /      | 1   | 18.620                       | /     | Pass    |
|                  |         | 5785            | /     | /      | 1   | 18.717                       | /     | Pass    |
|                  |         | 5825            | /     | /      | 1   | 18.488                       | /     | Pass    |
| 802.11ac (VHT40) | MIMO    | 5190            | /     | /      | 1   | 36.511                       | /     | Pass    |
|                  |         | 5230            | /     | /      | 1   | 36.537                       | /     | Pass    |
|                  |         | 5755            | /     | /      | 1   | 36.897                       | /     | Pass    |
|                  |         | 5795            | /     | /      | 1   | 37.361                       | /     | Pass    |
| 802.11ac (VHT80) | MIMO    | 5210            | /     | /      | 1   | 75.773                       | /     | Pass    |
|                  |         | 5775            | /     | /      | 1   | 76.400                       | /     | Pass    |
| 802.11ax (HEW20) | MIMO    | 5180            | RU242 | Left   | 1   | 19.173                       | /     | Pass    |
|                  |         | 5200            | RU242 | Left   | 1   | 19.298                       | /     | Pass    |
|                  |         | 5240            | RU242 | Left   | 1   | 19.170                       | /     | Pass    |
|                  |         | 5745            | RU242 | Left   | 1   | 19.393                       | /     | Pass    |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250700293005

Page: 157 of 272

|                     |      |      |       |      |   |        |   |      |
|---------------------|------|------|-------|------|---|--------|---|------|
|                     |      | 5785 | RU242 | Left | 1 | 19.431 | / | Pass |
|                     |      | 5825 | RU242 | Left | 1 | 19.276 | / | Pass |
| 802.11ax<br>(HEW40) | MIMO | 5190 | RU484 | Left | 1 | 38.109 | / | Pass |
|                     |      | 5230 | RU484 | Left | 1 | 38.267 | / | Pass |
|                     |      | 5755 | RU484 | Left | 1 | 38.459 | / | Pass |
|                     |      | 5795 | RU484 | Left | 1 | 38.901 | / | Pass |
| 802.11ax<br>(HEW80) | MIMO | 5210 | RU996 | Left | 1 | 77.844 | / | Pass |
|                     |      | 5775 | RU996 | Left | 1 | 78.696 | / | Pass |

## 2.1.2 26dB BW

| Mode                | TX Type | Frequency (MHz) | RU    | RU Pos | ANT | 26dB Bandwidth (MHz) |       | Verdict |
|---------------------|---------|-----------------|-------|--------|-----|----------------------|-------|---------|
|                     |         |                 |       |        |     | Result               | Limit |         |
| 802.11a             | SISO    | 5180            | /     | /      | 1   | 21.350               | /     | Pass    |
|                     |         | 5200            | /     | /      | 1   | 21.533               | /     | Pass    |
|                     |         | 5240            | /     | /      | 1   | 21.838               | /     | Pass    |
| 802.11n<br>(HT20)   | MIMO    | 5180            | /     | /      | 1   | 21.801               | /     | Pass    |
|                     |         | 5200            | /     | /      | 1   | 26.983               | /     | Pass    |
|                     |         | 5240            | /     | /      | 1   | 28.708               | /     | Pass    |
| 802.11n<br>(HT40)   | MIMO    | 5190            | /     | /      | 1   | 39.818               | /     | Pass    |
|                     |         | 5230            | /     | /      | 1   | 45.796               | /     | Pass    |
| 802.11ac<br>(VHT20) | MIMO    | 5180            | /     | /      | 1   | 29.915               | /     | Pass    |
|                     |         | 5200            | /     | /      | 1   | 23.538               | /     | Pass    |
|                     |         | 5240            | /     | /      | 1   | 26.792               | /     | Pass    |
| 802.11ac<br>(VHT40) | MIMO    | 5190            | /     | /      | 1   | 46.951               | /     | Pass    |
|                     |         | 5230            | /     | /      | 1   | 48.414               | /     | Pass    |
| 802.11ac<br>(VHT80) | MIMO    | 5210            | /     | /      | 1   | 81.097               | /     | Pass    |
| 802.11ax<br>(HEW20) | MIMO    | 5180            | RU242 | Left   | 1   | 21.540               | /     | Pass    |
|                     |         | 5200            | RU242 | Left   | 1   | 21.723               | /     | Pass    |
|                     |         | 5240            | RU242 | Left   | 1   | 21.816               | /     | Pass    |
| 802.11ax<br>(HEW40) | MIMO    | 5190            | RU484 | Left   | 1   | 46.615               | /     | Pass    |
|                     |         | 5230            | RU484 | Left   | 1   | 53.120               | /     | Pass    |
| 802.11ax<br>(HEW80) | MIMO    | 5210            | RU996 | Left   | 1   | 82.901               | /     | Pass    |

## 2.1.3 6dB BW

| Mode    | TX Type | Frequency (MHz) | RU | RU Pos | ANT | 6dB Bandwidth (MHz) |       | Verdict |
|---------|---------|-----------------|----|--------|-----|---------------------|-------|---------|
|         |         |                 |    |        |     | Result              | Limit |         |
| 802.11a | SISO    | 5745            | /  | /      | 1   | 15.120              | >=0.5 | Pass    |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250700293005

Page: 158 of 272

|                     |      |      |       |      |   |        |       |      |
|---------------------|------|------|-------|------|---|--------|-------|------|
|                     |      | 5785 | /     | /    | 1 | 15.209 | >=0.5 | Pass |
|                     |      | 5825 | /     | /    | 1 | 15.197 | >=0.5 | Pass |
| 802.11n<br>(HT20)   | MIMO | 5745 | /     | /    | 1 | 13.992 | >=0.5 | Pass |
|                     |      | 5785 | /     | /    | 1 | 13.741 | >=0.5 | Pass |
|                     |      | 5825 | /     | /    | 1 | 15.041 | >=0.5 | Pass |
| 802.11n<br>(HT40)   | MIMO | 5755 | /     | /    | 1 | 35.220 | >=0.5 | Pass |
|                     |      | 5795 | /     | /    | 1 | 35.191 | >=0.5 | Pass |
| 802.11ac<br>(VHT20) | MIMO | 5745 | /     | /    | 1 | 13.935 | >=0.5 | Pass |
|                     |      | 5785 | /     | /    | 1 | 15.206 | >=0.5 | Pass |
|                     |      | 5825 | /     | /    | 1 | 15.233 | >=0.5 | Pass |
| 802.11ac<br>(VHT40) | MIMO | 5755 | /     | /    | 1 | 33.824 | >=0.5 | Pass |
|                     |      | 5795 | /     | /    | 1 | 35.055 | >=0.5 | Pass |
| 802.11ac<br>(VHT80) | MIMO | 5775 | /     | /    | 1 | 72.612 | >=0.5 | Pass |
| 802.11ax<br>(HEW20) | MIMO | 5745 | RU242 | Left | 1 | 18.643 | >=0.5 | Pass |
|                     |      | 5785 | RU242 | Left | 1 | 18.662 | >=0.5 | Pass |
|                     |      | 5825 | RU242 | Left | 1 | 17.950 | >=0.5 | Pass |
| 802.11ax<br>(HEW40) | MIMO | 5755 | RU484 | Left | 1 | 37.635 | >=0.5 | Pass |
|                     |      | 5795 | RU484 | Left | 1 | 37.730 | >=0.5 | Pass |
| 802.11ax<br>(HEW80) | MIMO | 5775 | RU996 | Left | 1 | 77.804 | >=0.5 | Pass |



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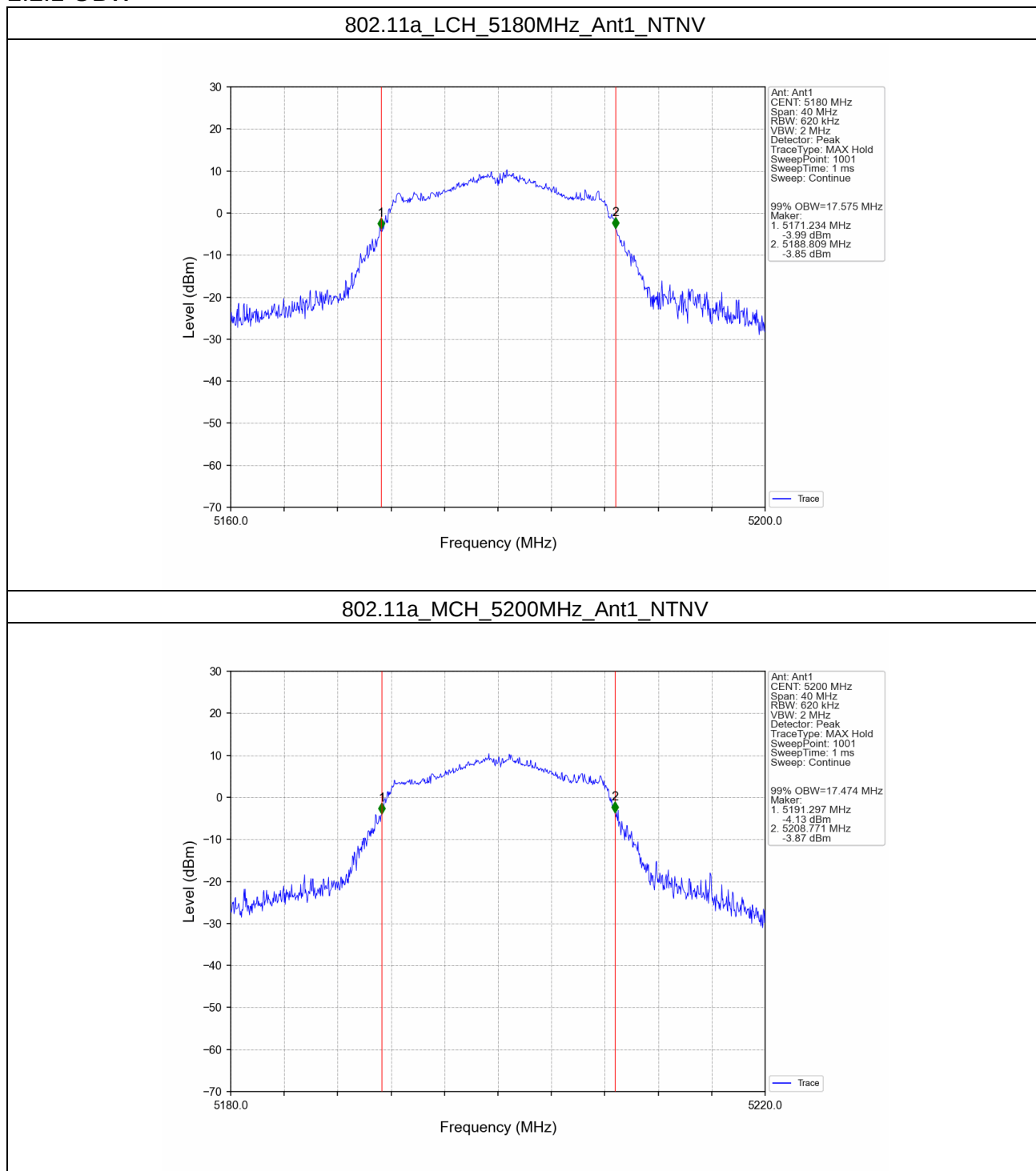
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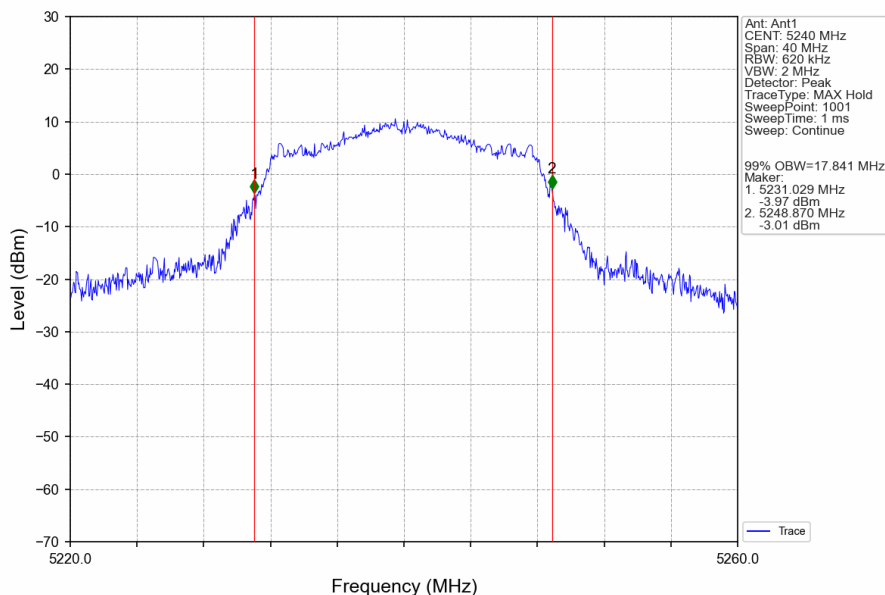
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### 2.2 Test Graph

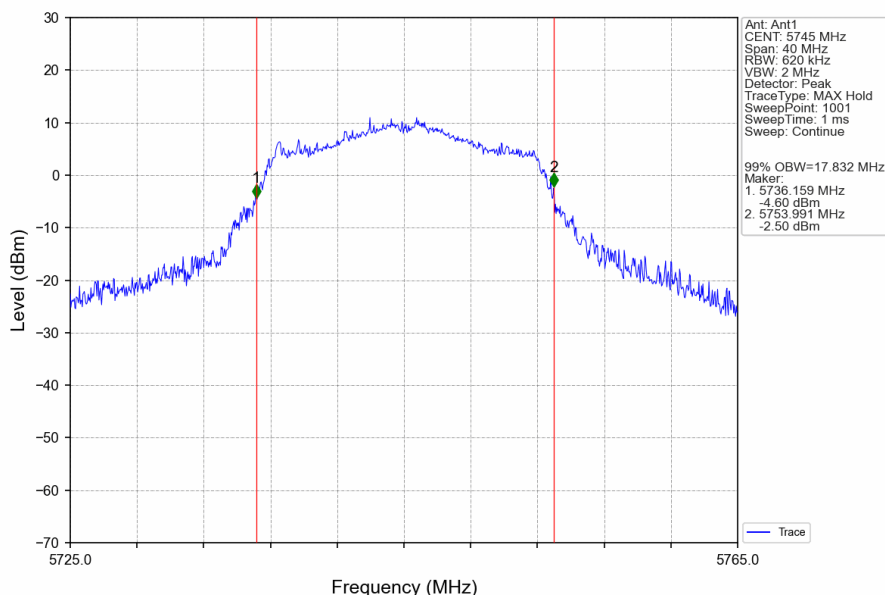
#### 2.2.1 OBW



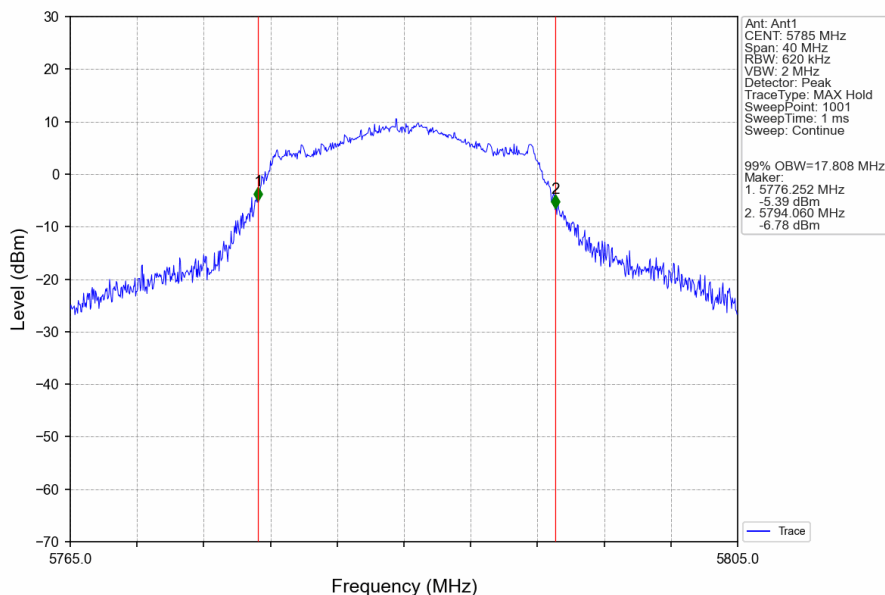
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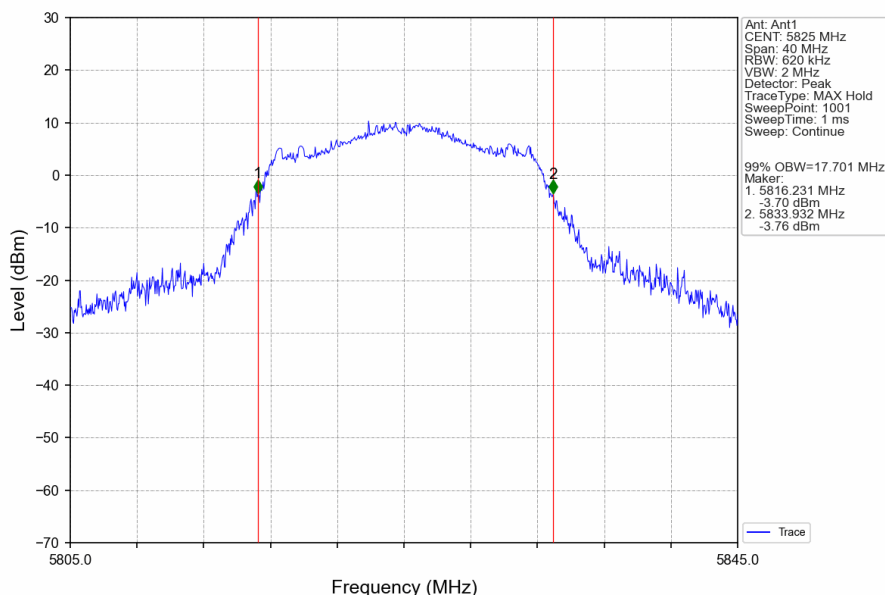
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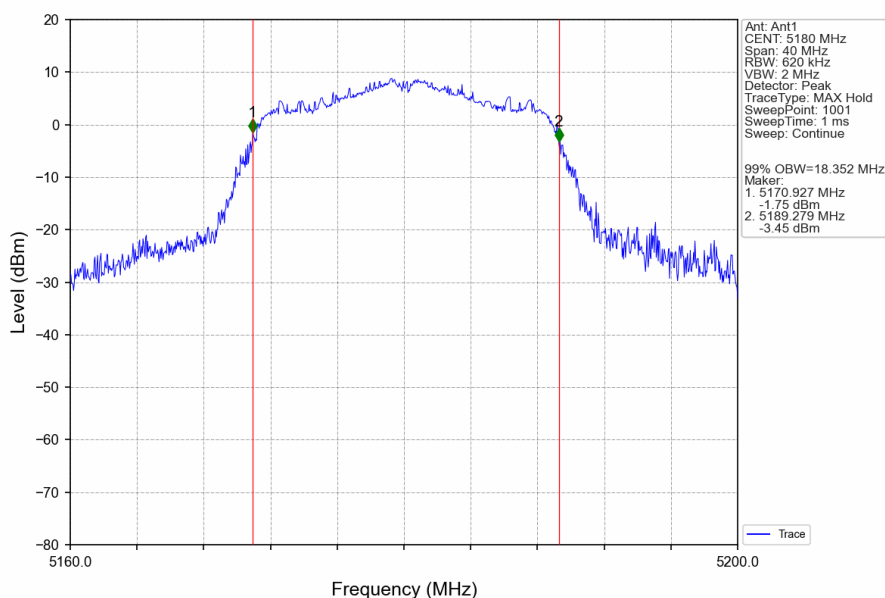
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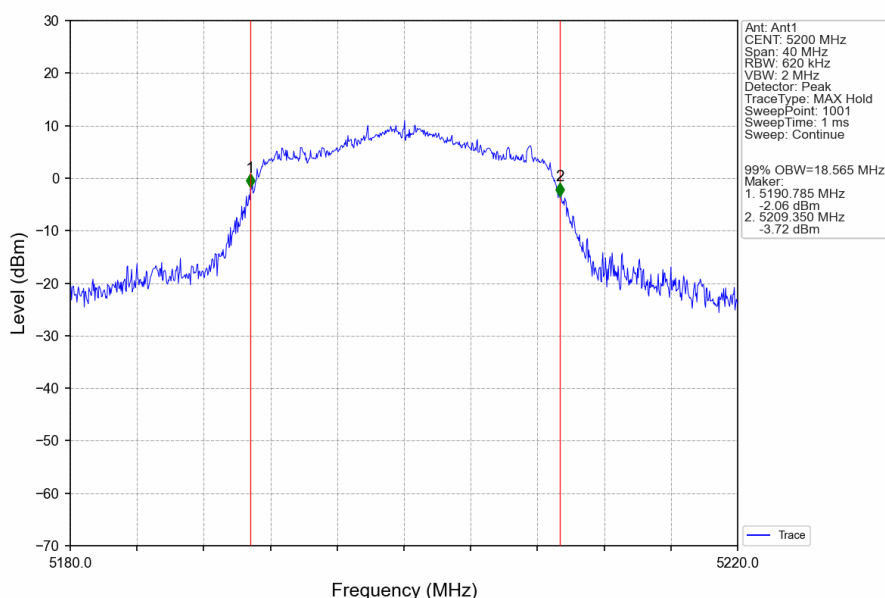
### 802.11a\_HCH\_5825MHz\_Ant1\_NTNV



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



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



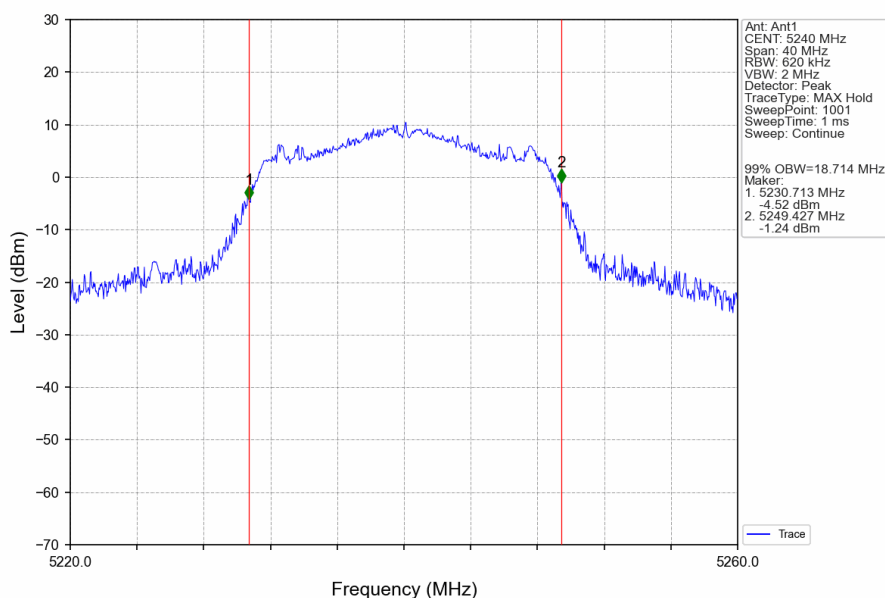
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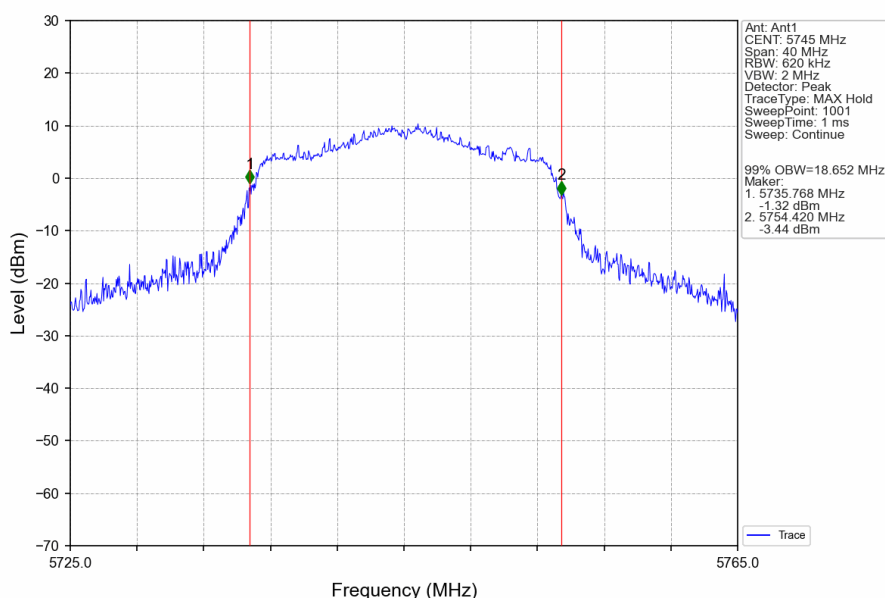
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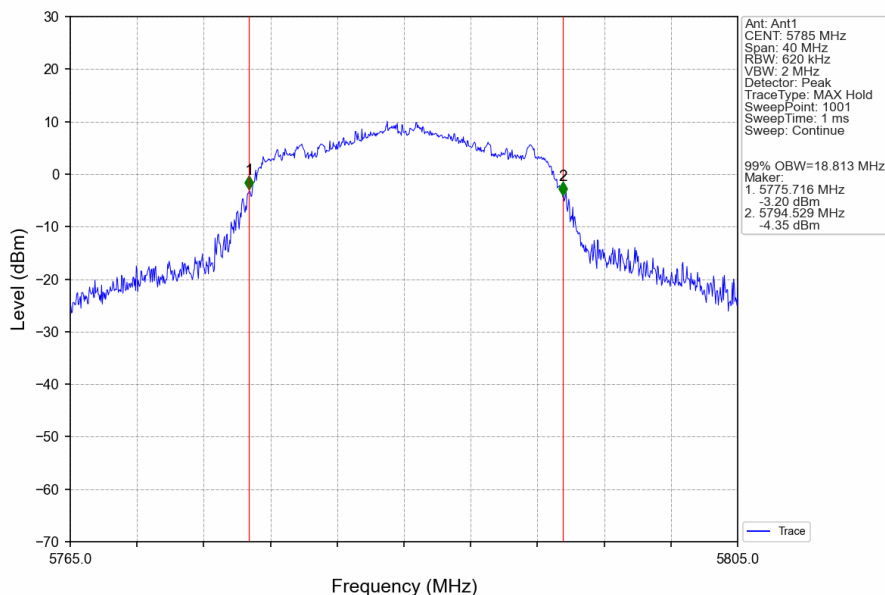
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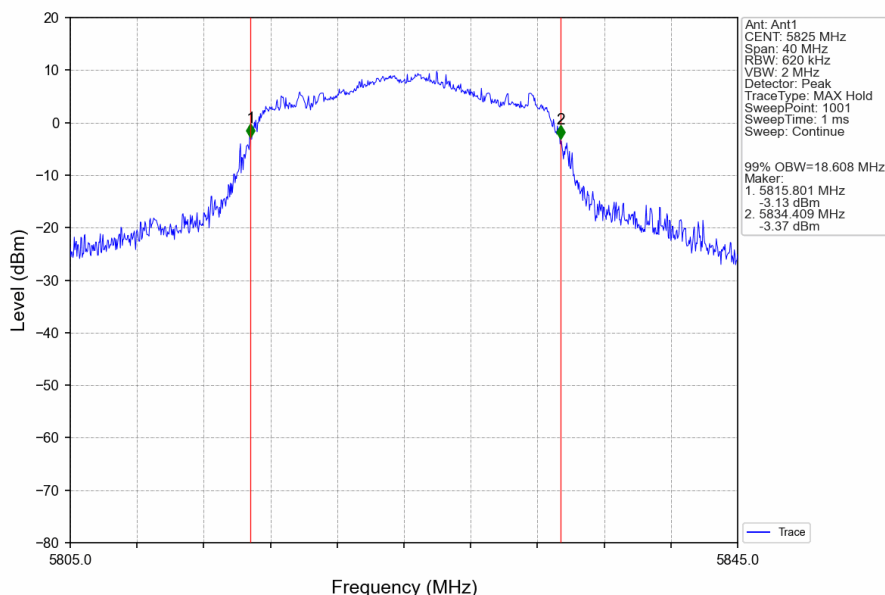
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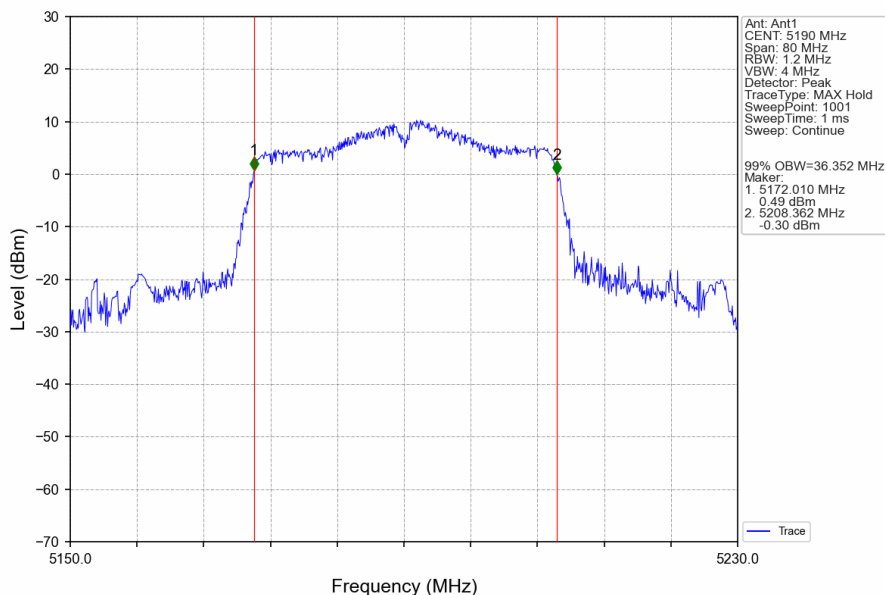
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



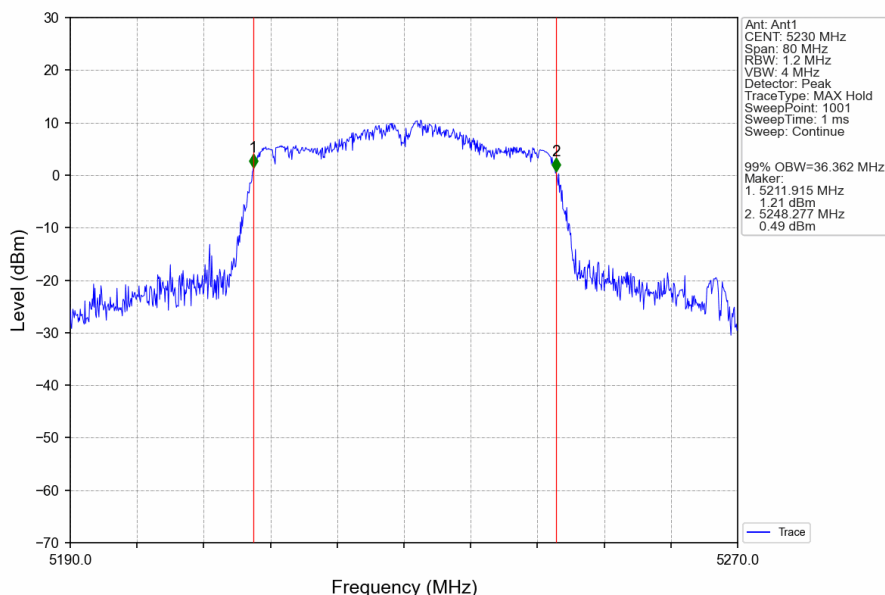
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



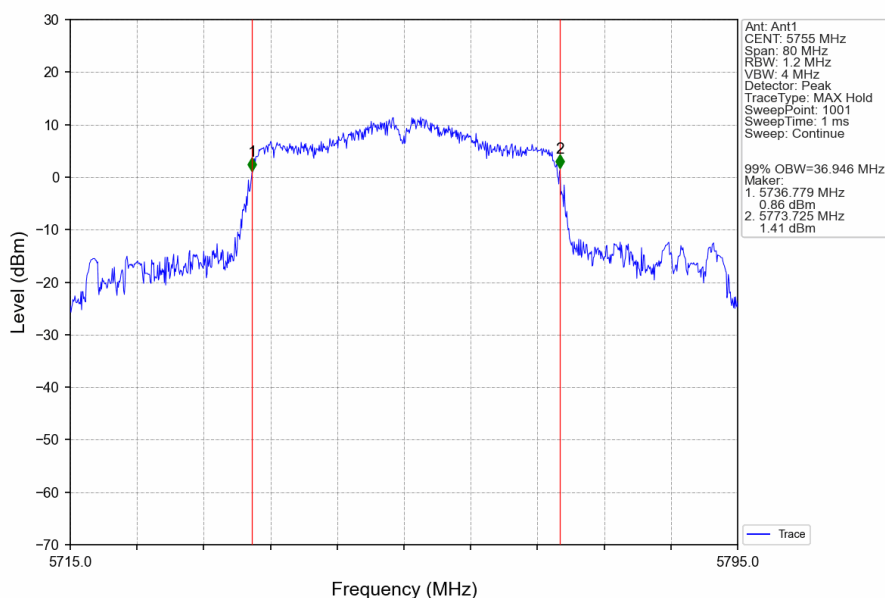
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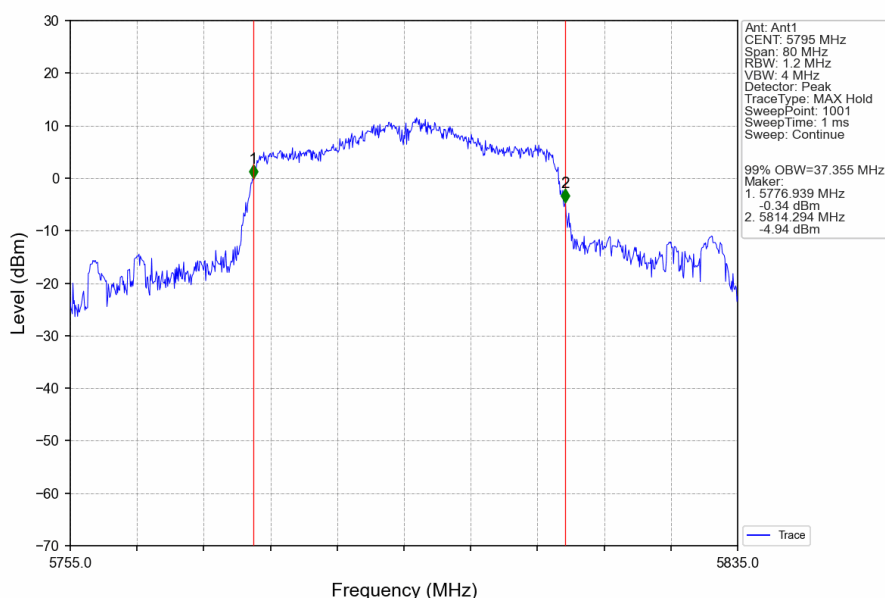
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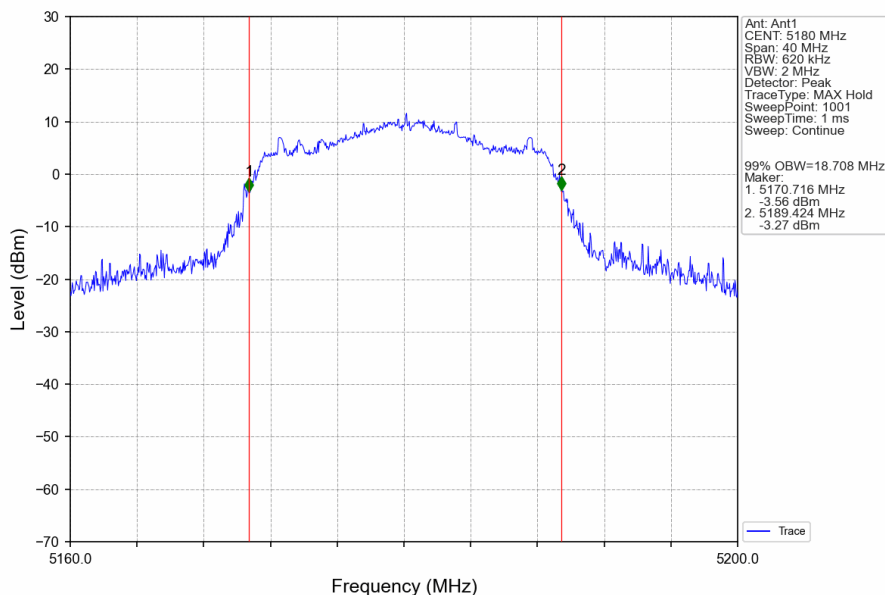
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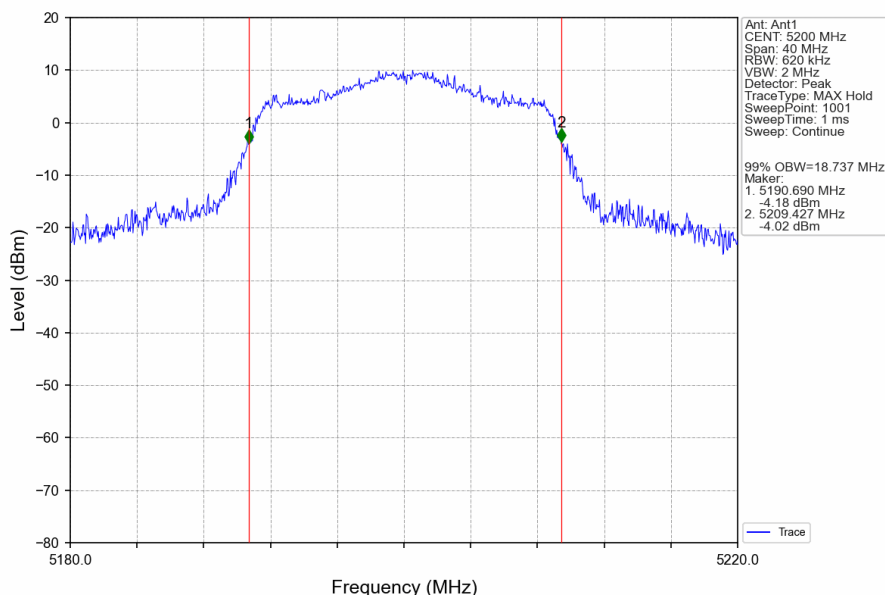
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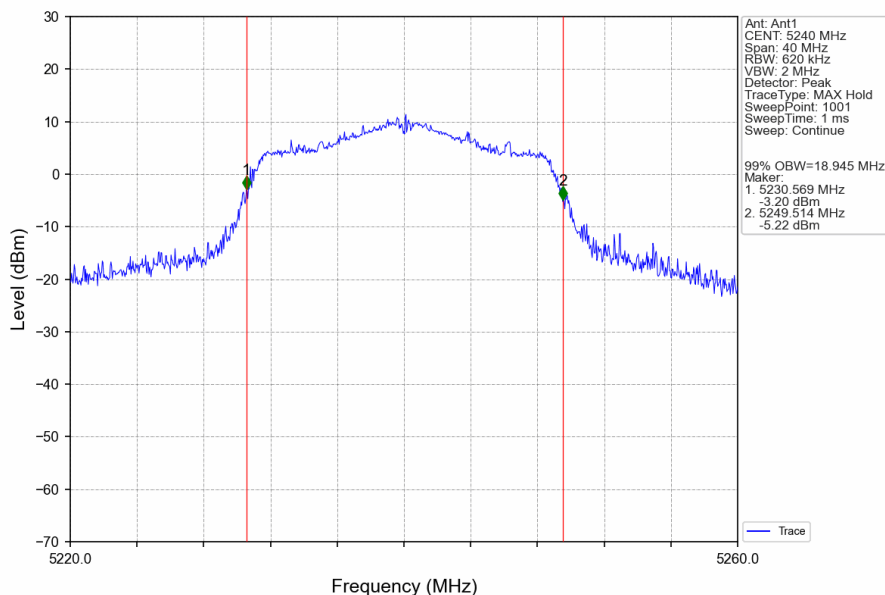
802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



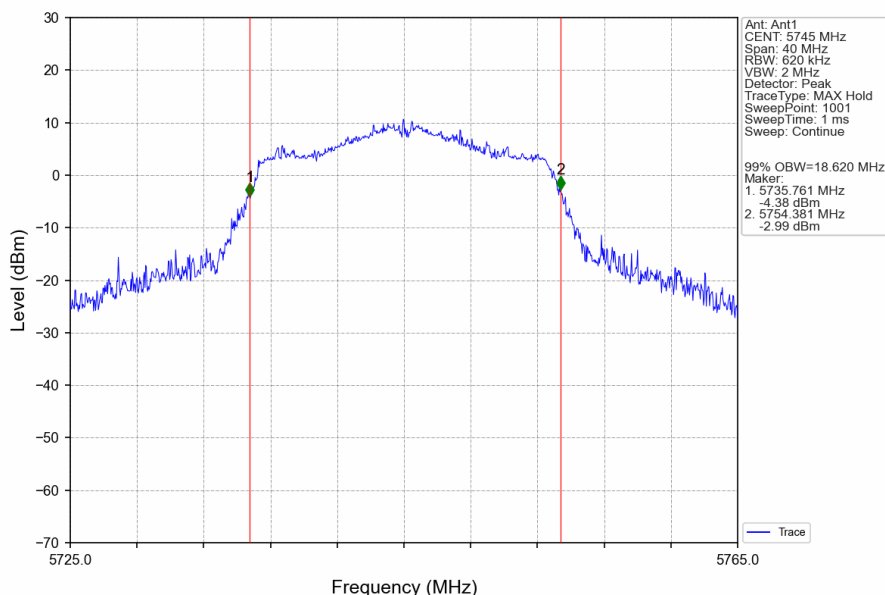
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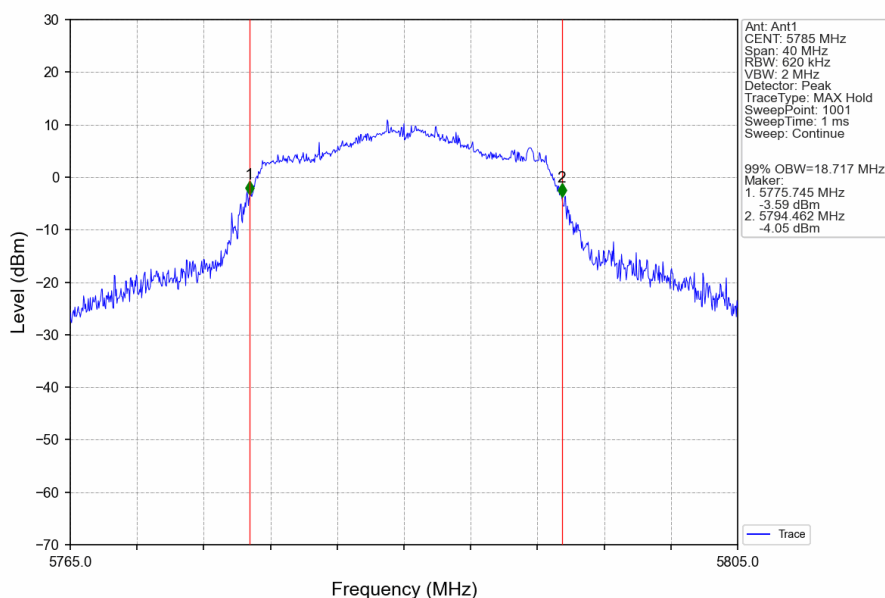
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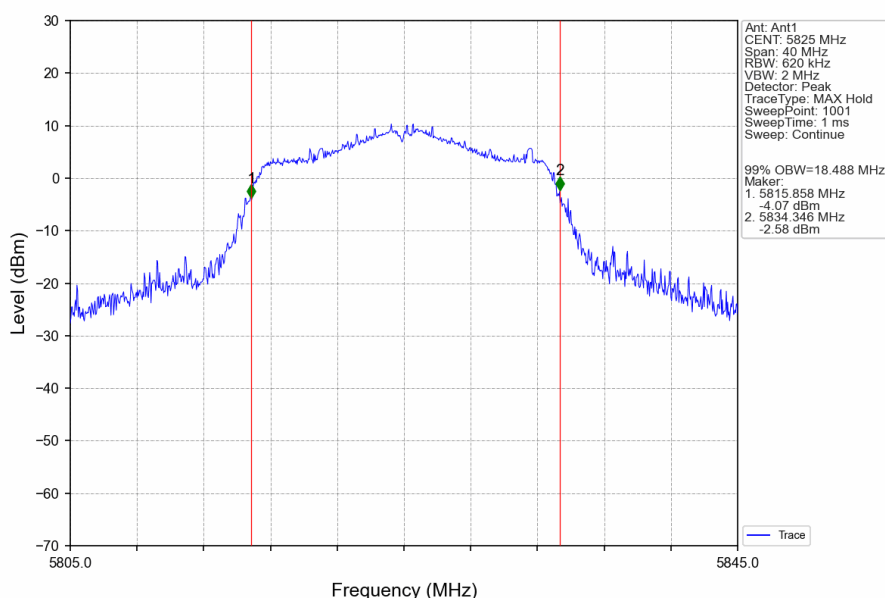
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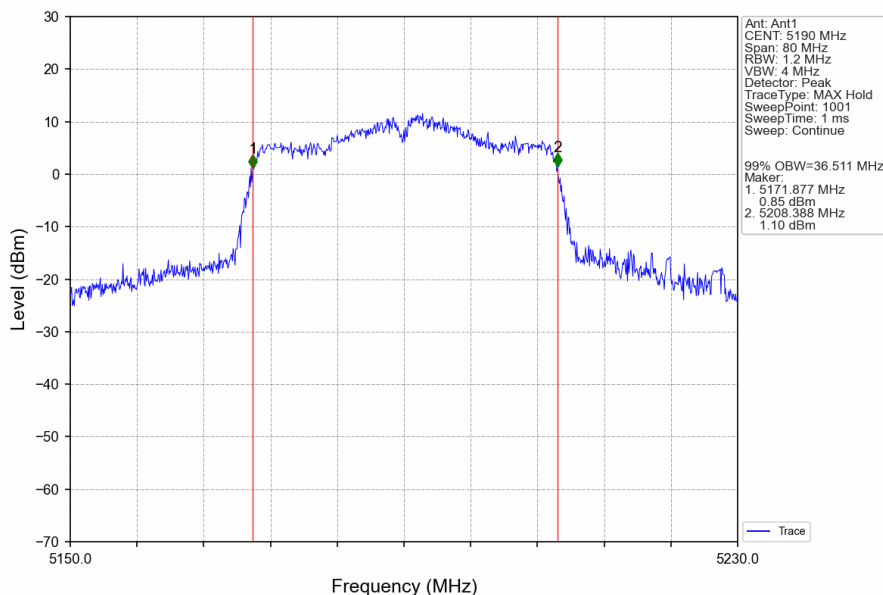
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



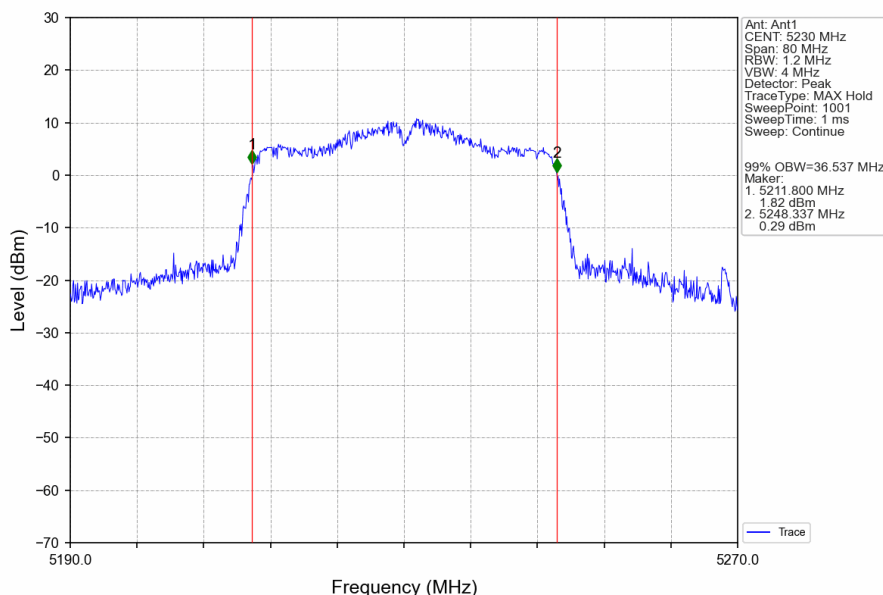
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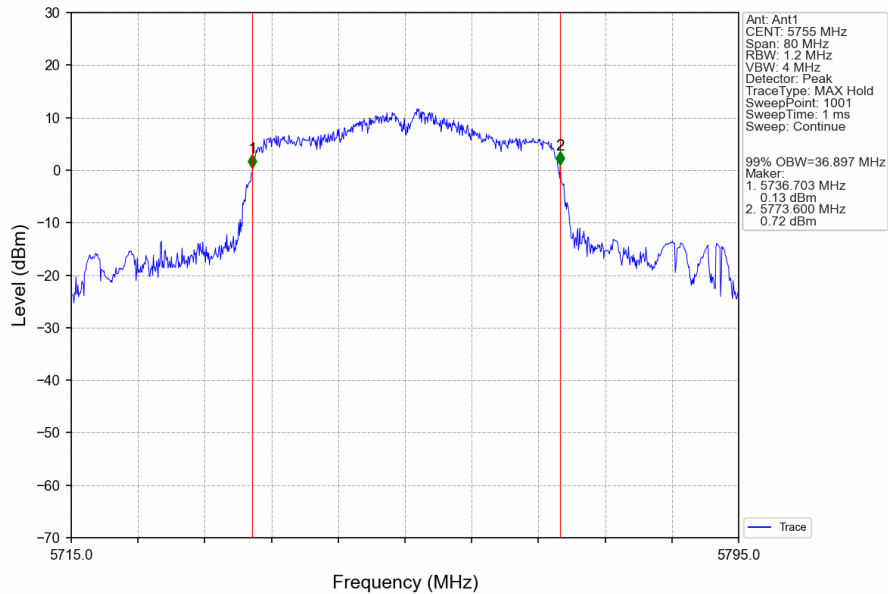
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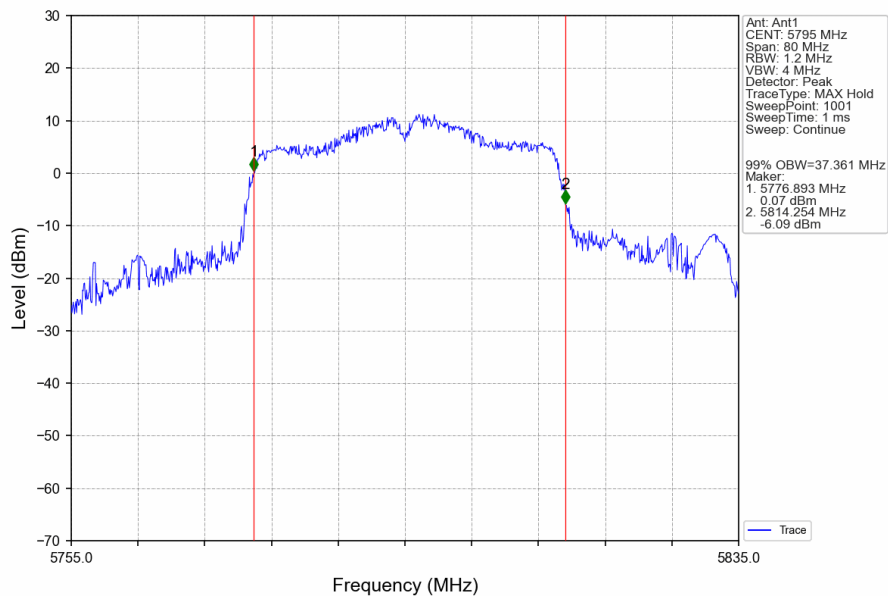
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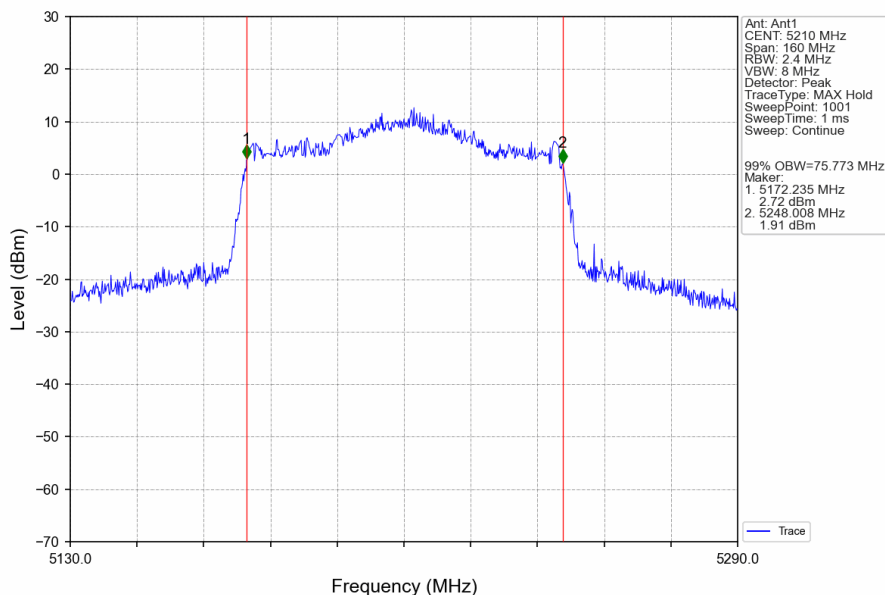
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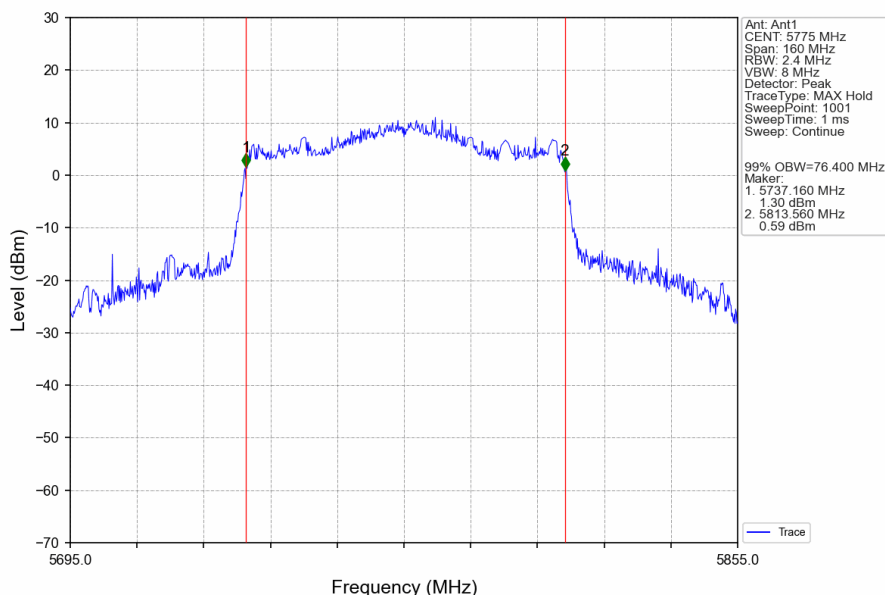
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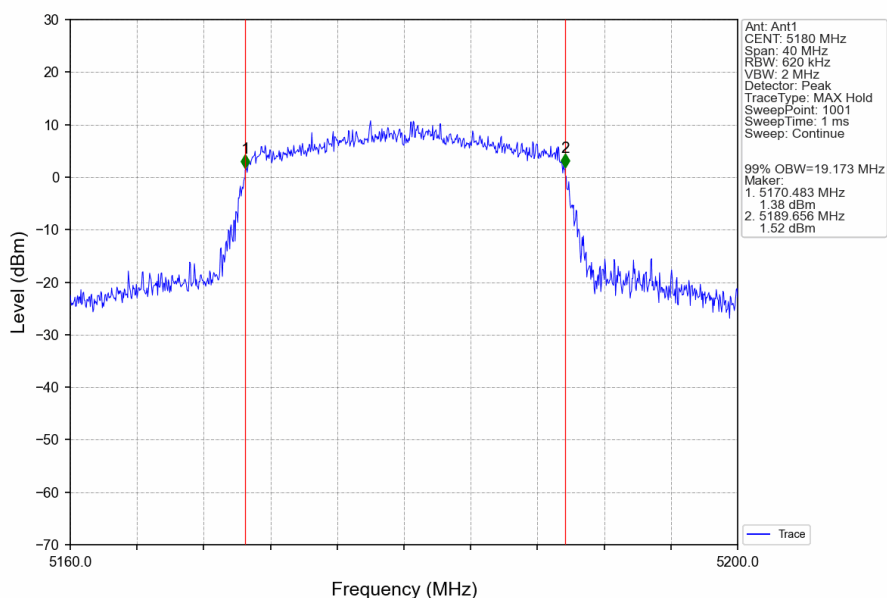
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



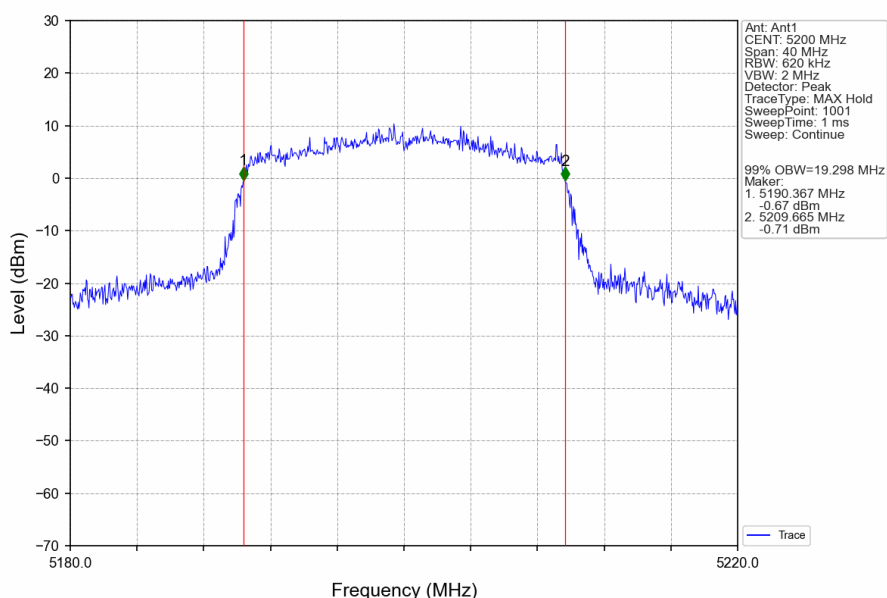
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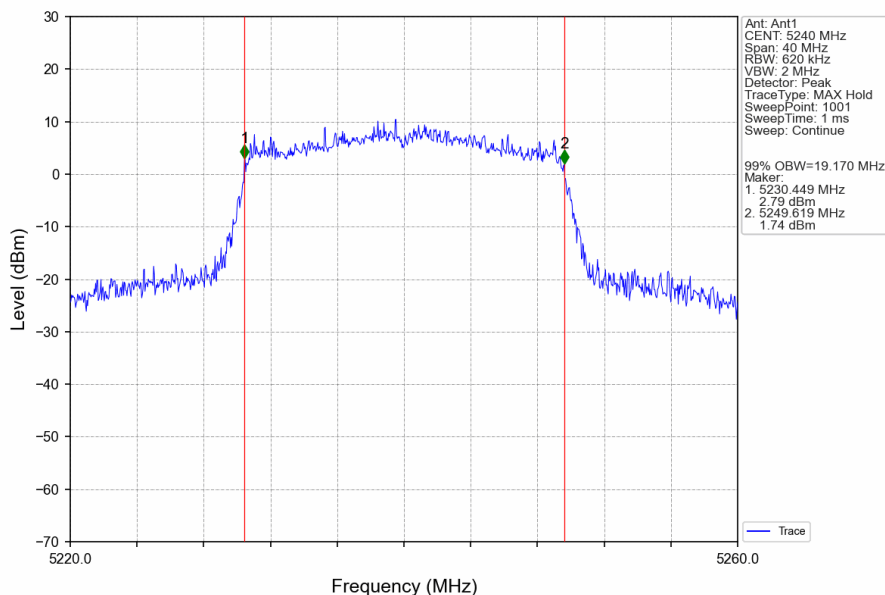
### 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



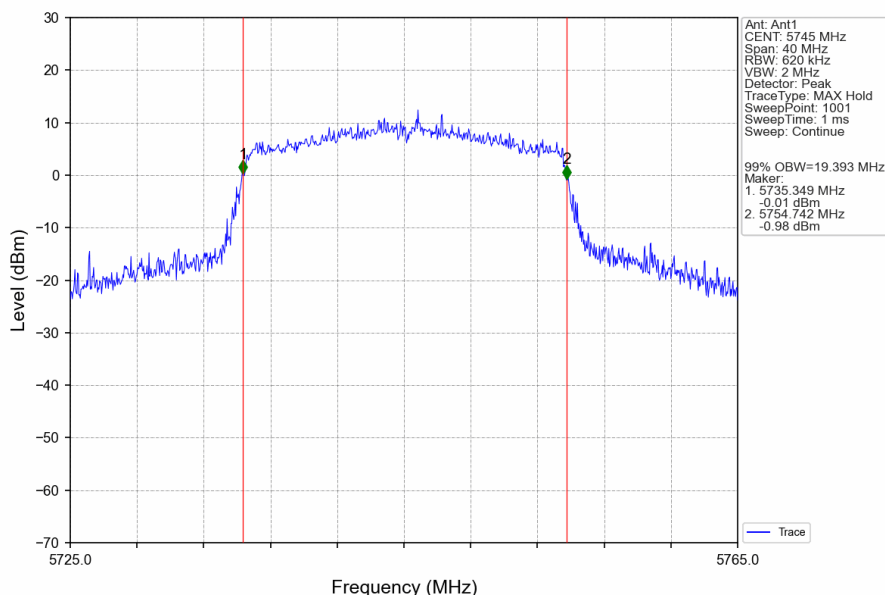
### 802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



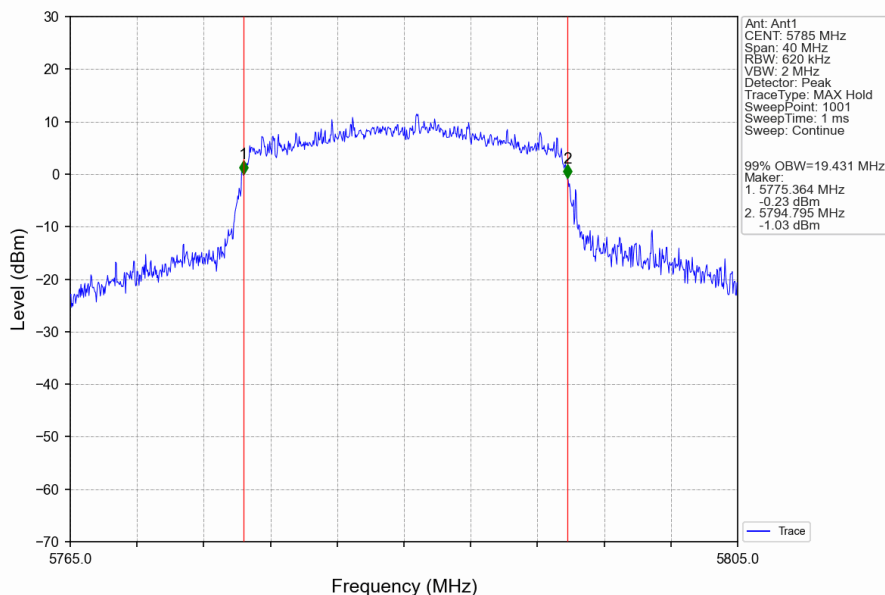
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



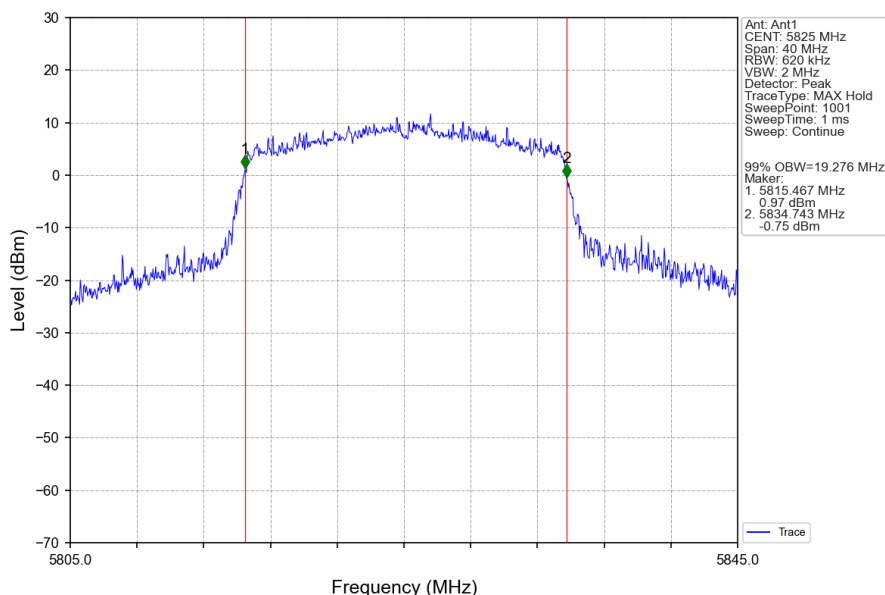
802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



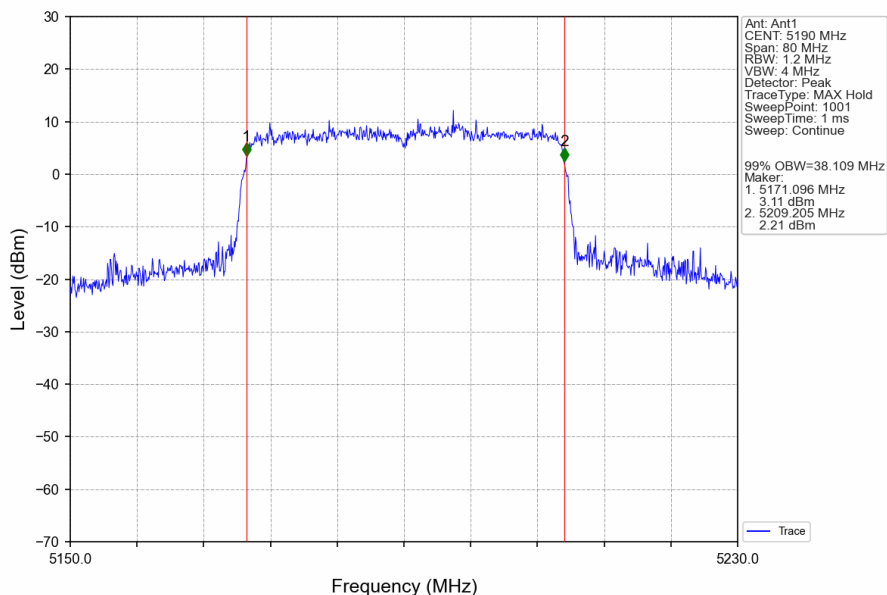
### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



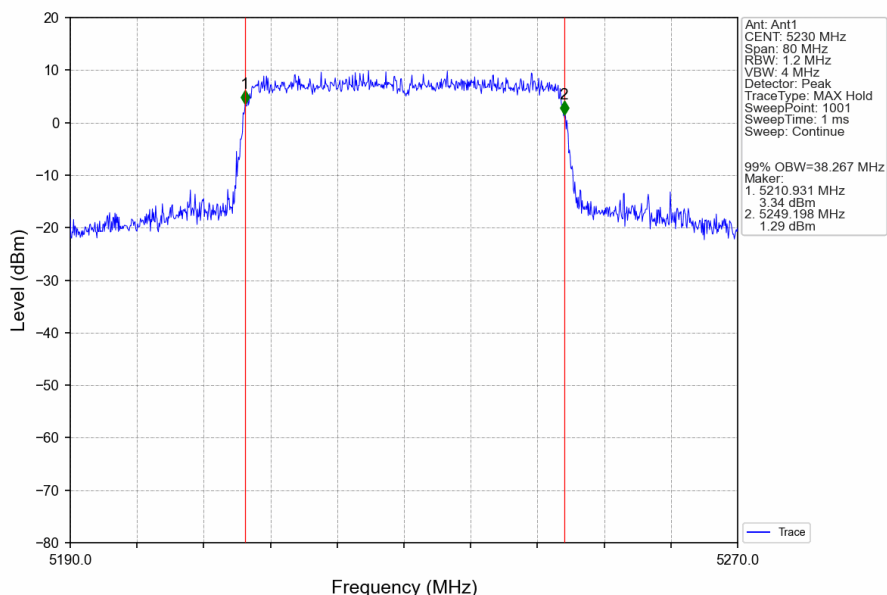
### 802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



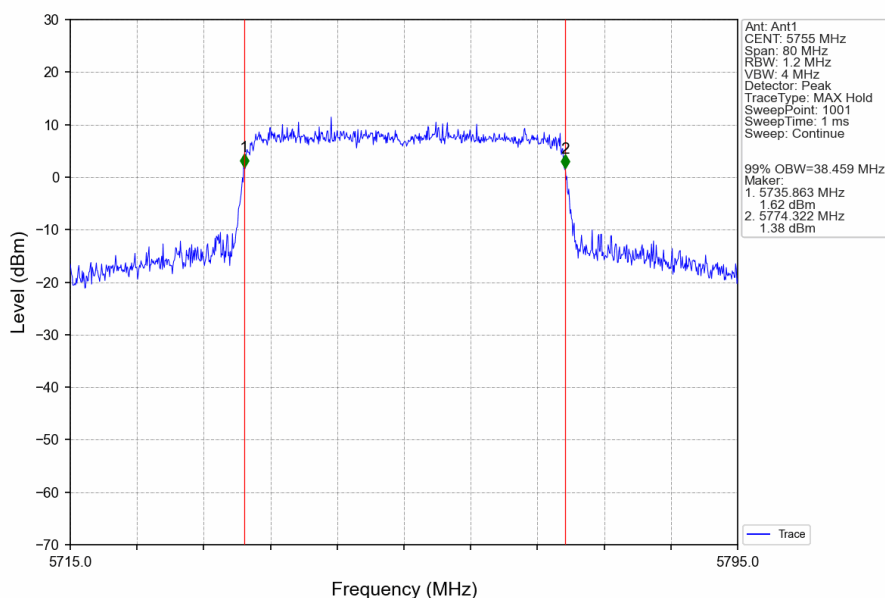
### 802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



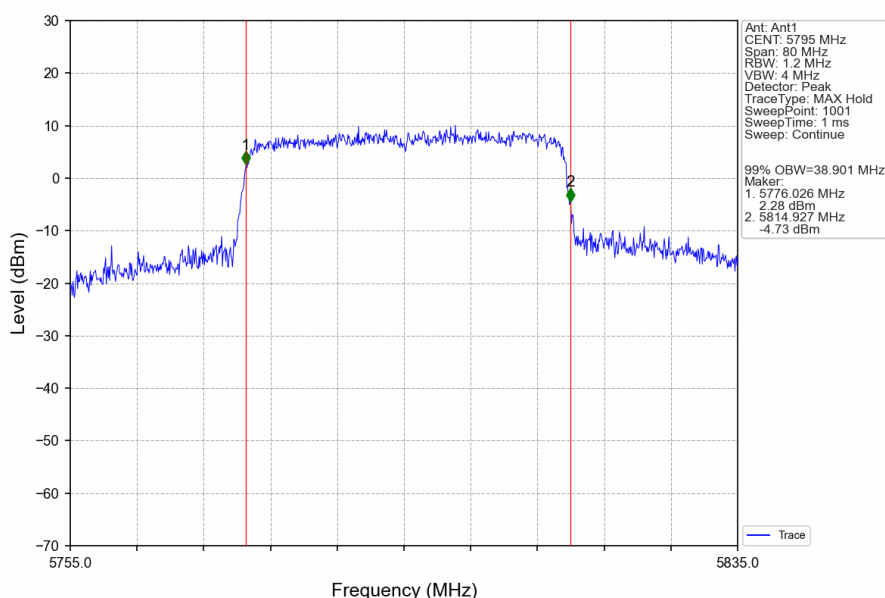
### 802.11ax(HEW40)\_HCH\_5230MHz\_RU484\_Left\_Ant1\_NTNV



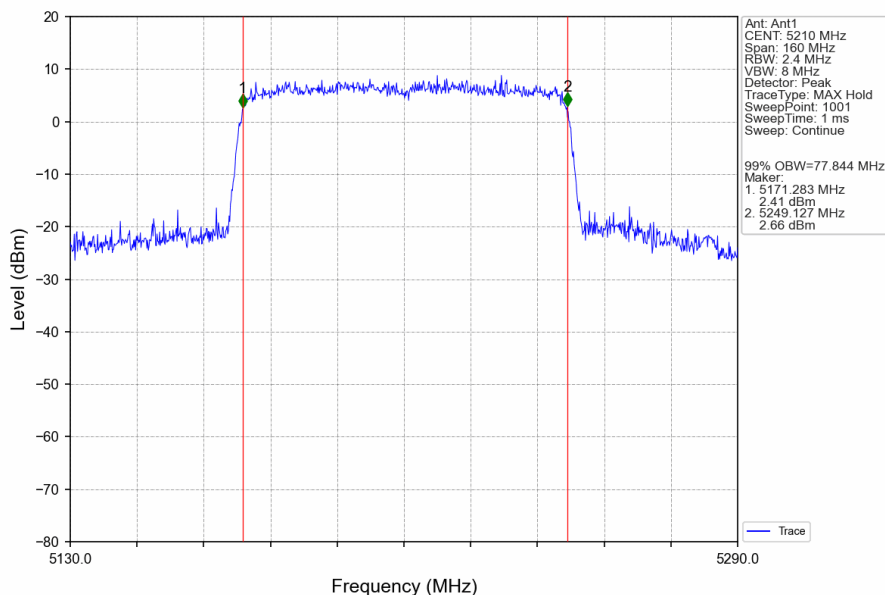
802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



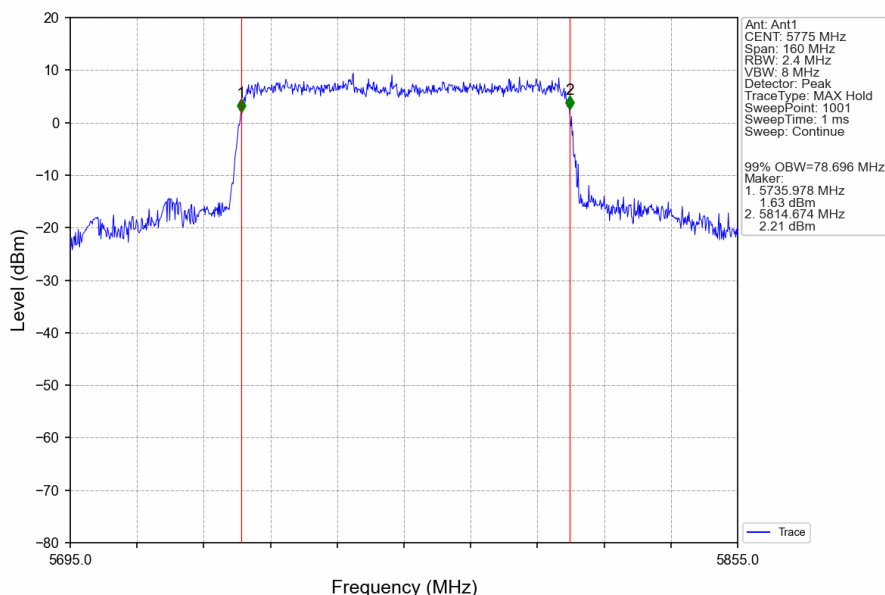
802.11ax(HEW40)\_HCH\_5795MHz\_RU484\_Left\_Ant1\_NTNV



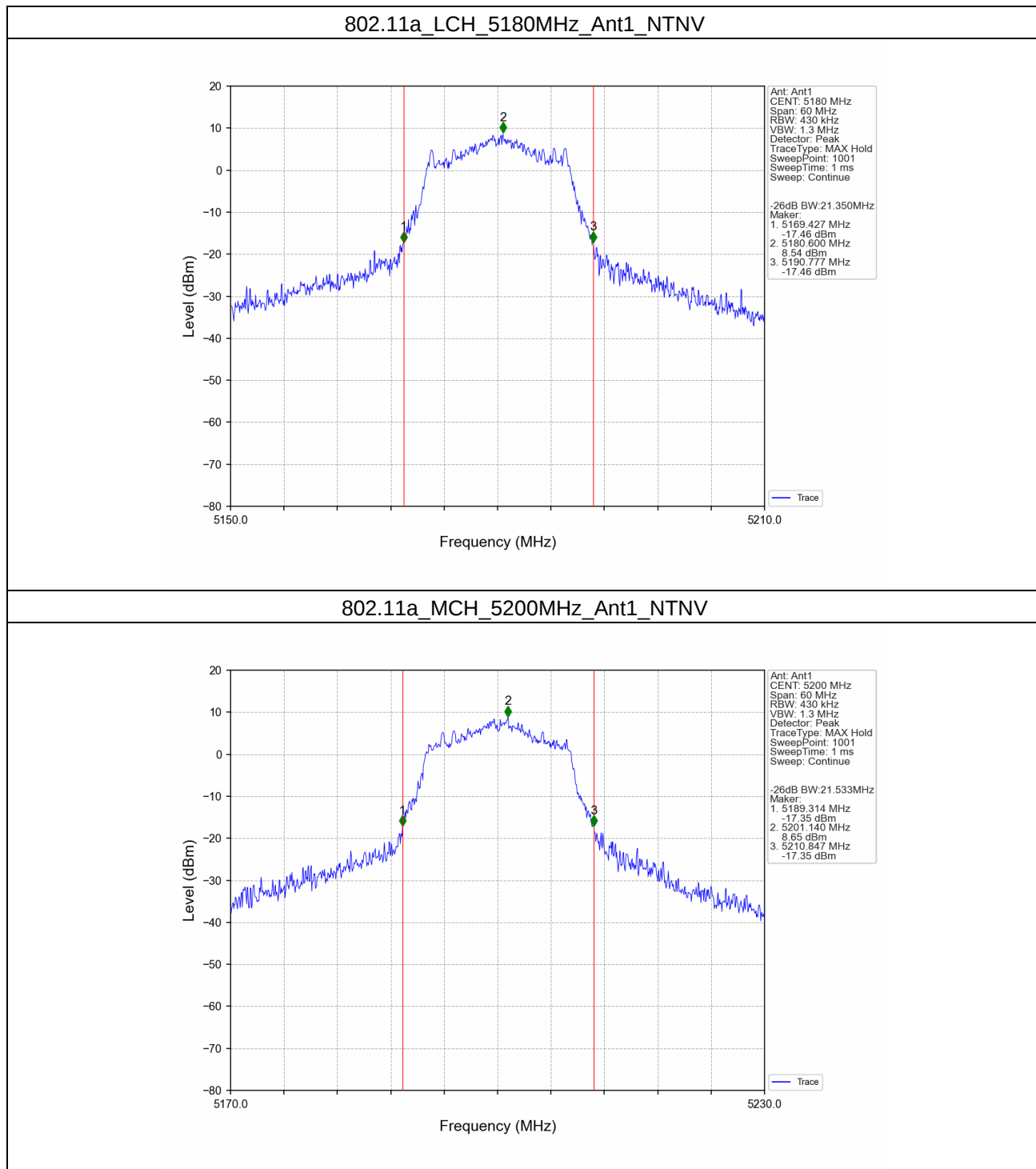
802.11ax(HEW80)\_MCH\_5210MHz\_RU996\_Left\_Ant1\_NTNV



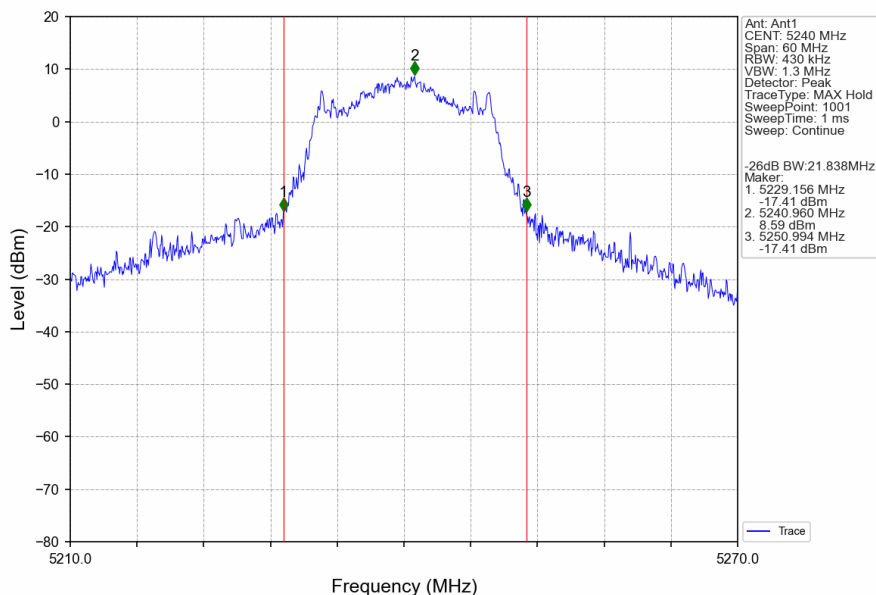
802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_Left\_Ant1\_NTNV



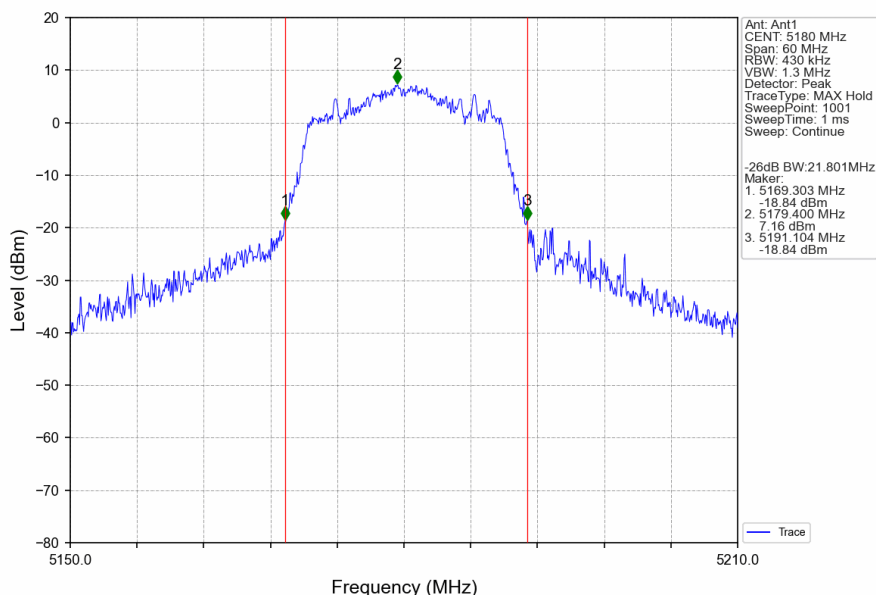
### 2.2.2 26dB BW



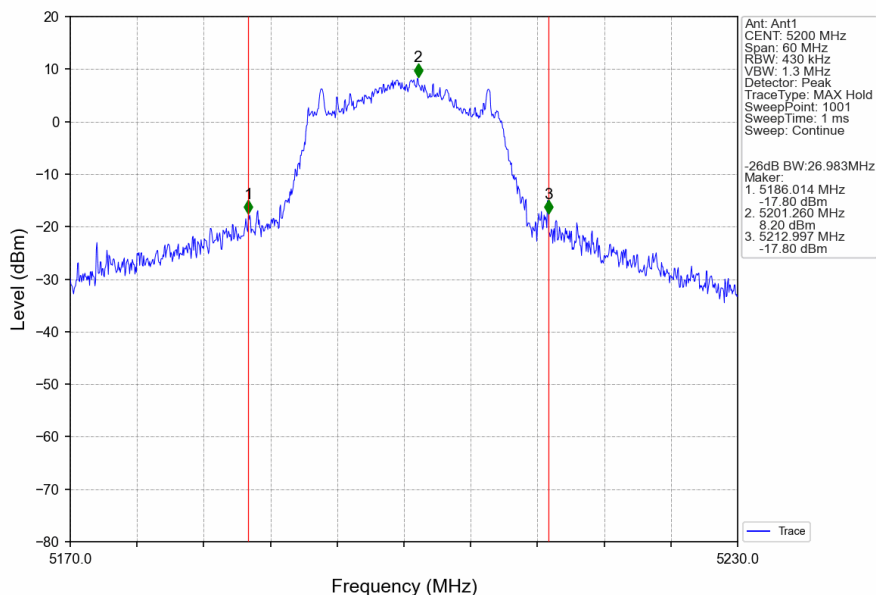
### 802.11a\_HCH\_5240MHz\_Ant1\_NTNV



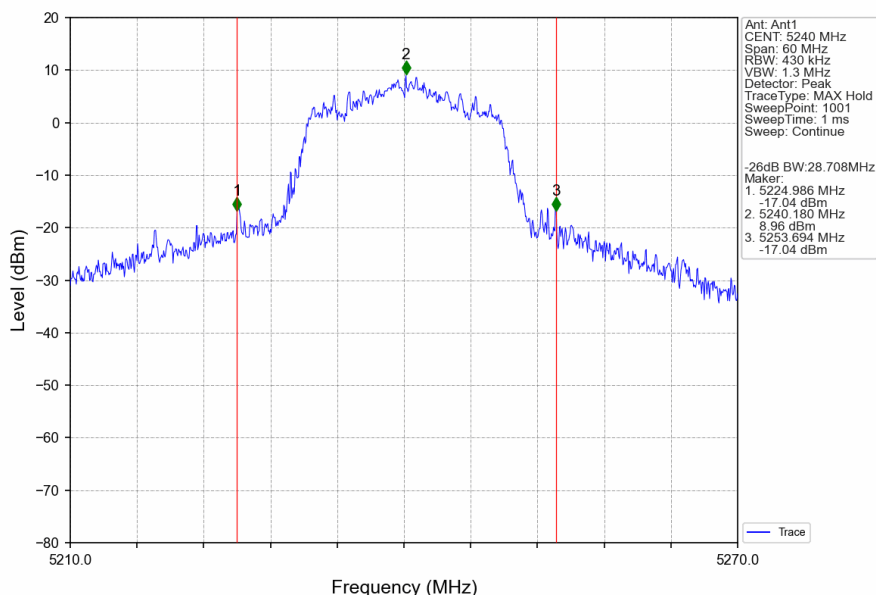
### 802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



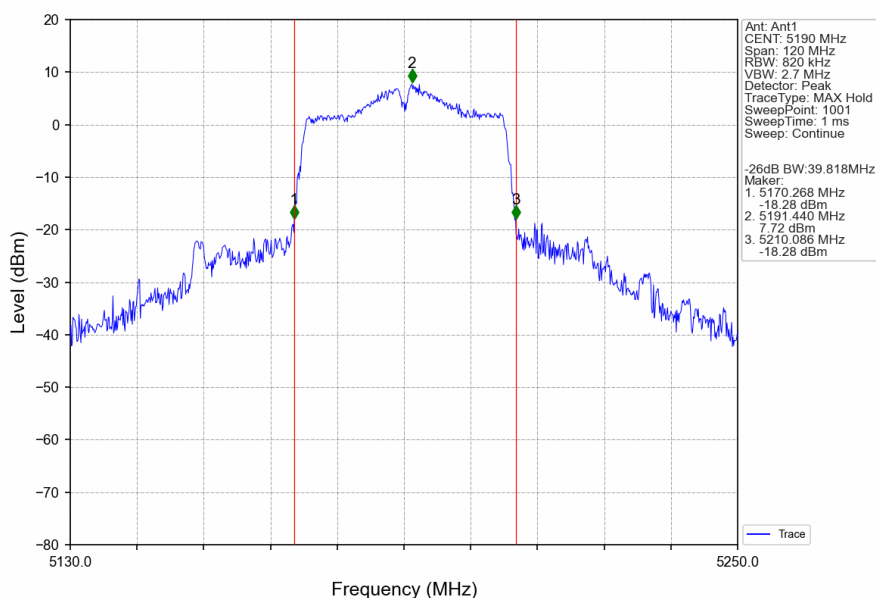
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



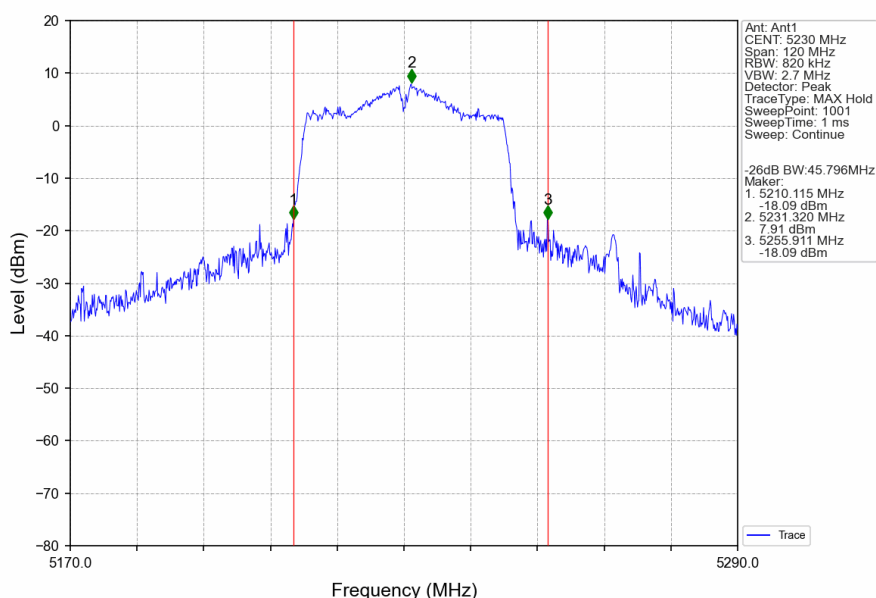
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



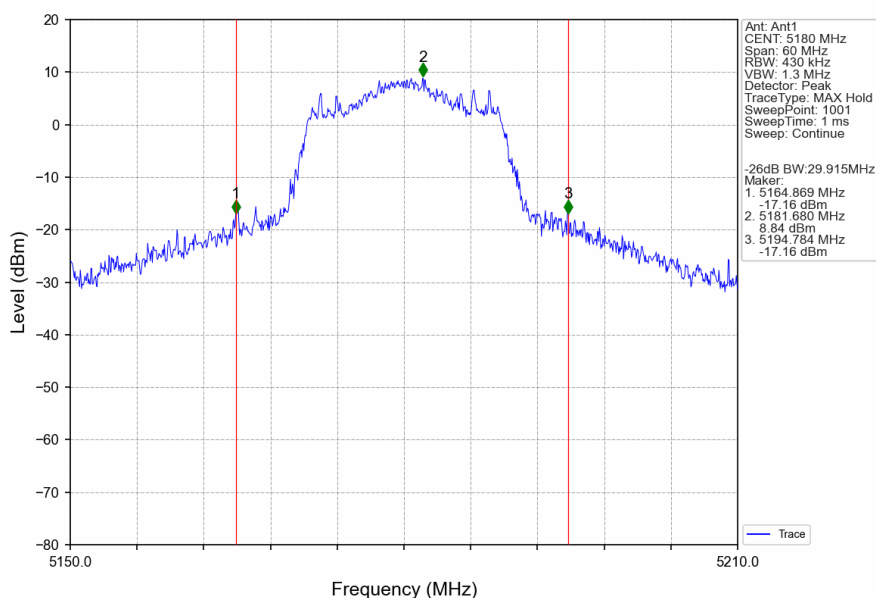
### 802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



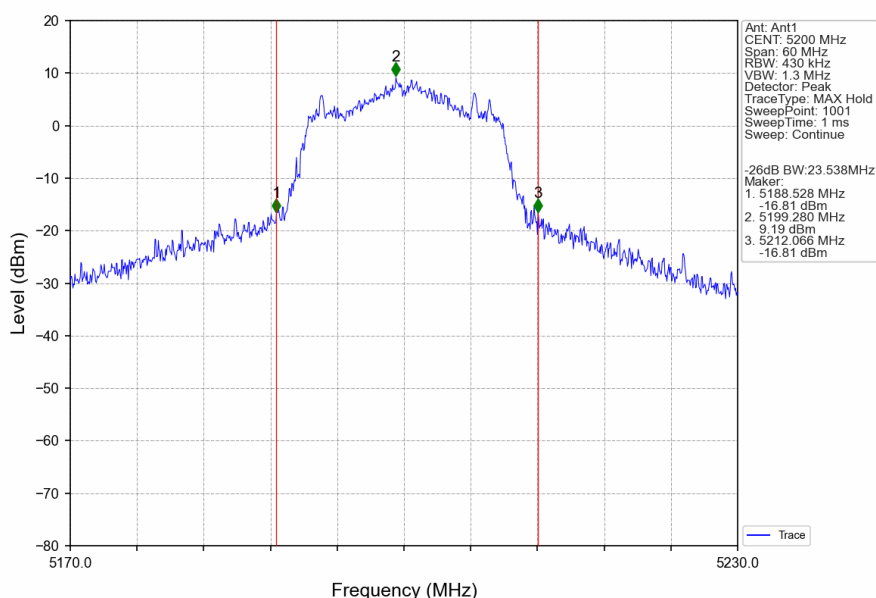
### 802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



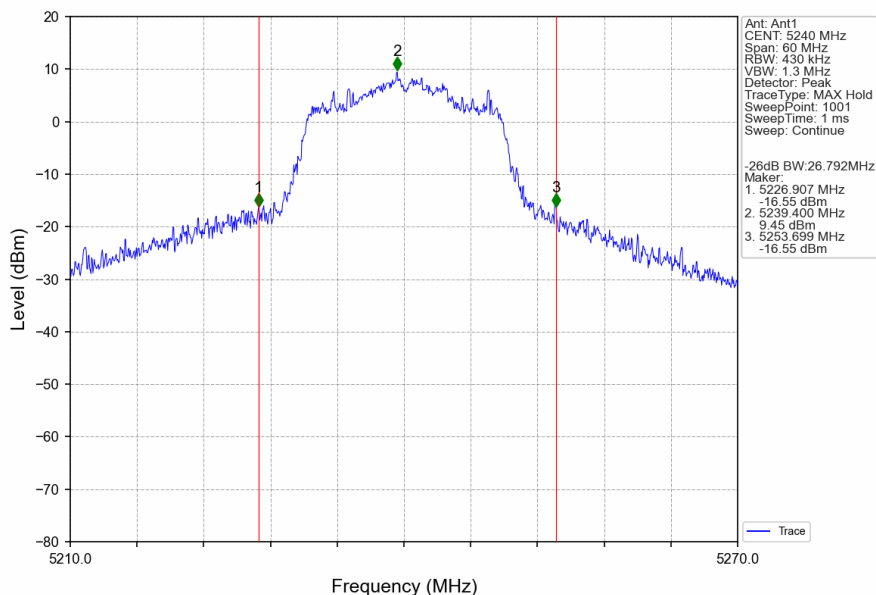
### 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



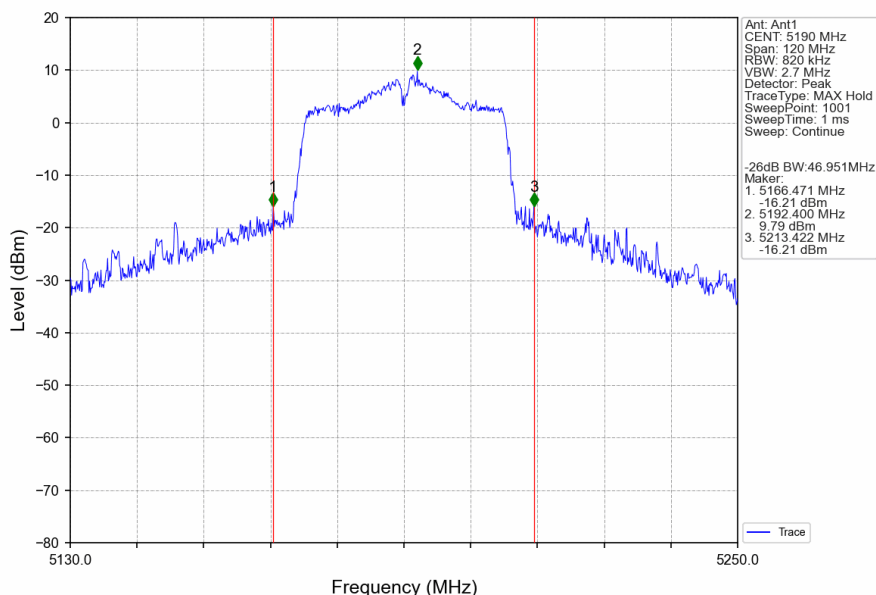
### 802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



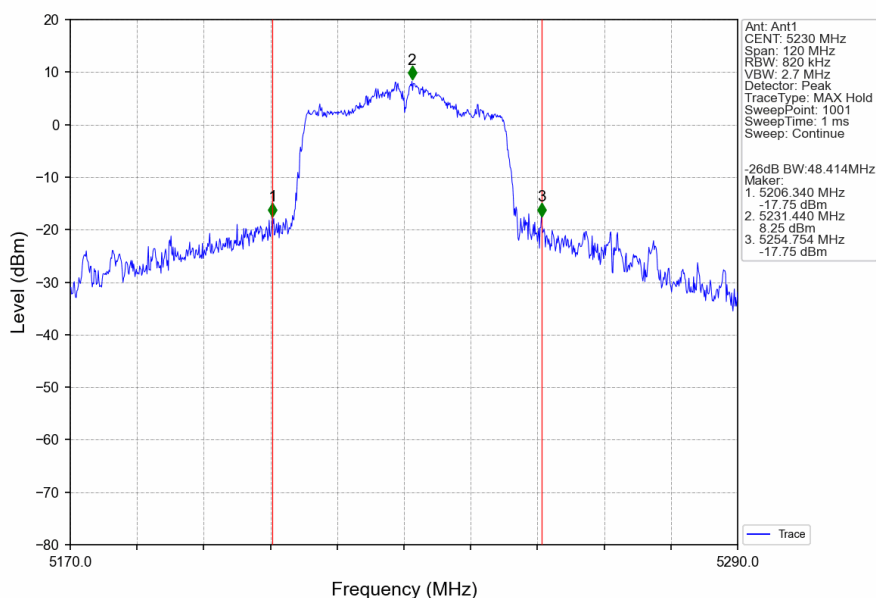
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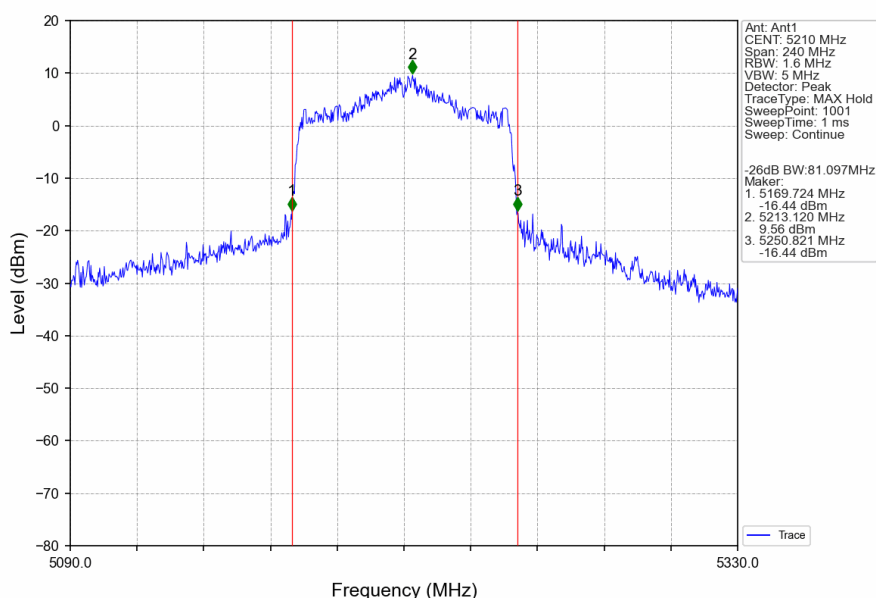
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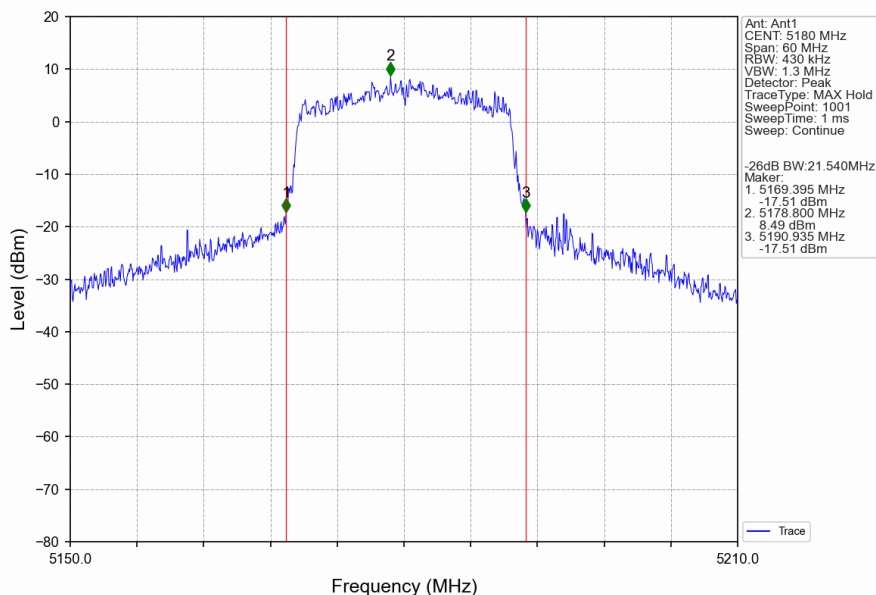
### 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



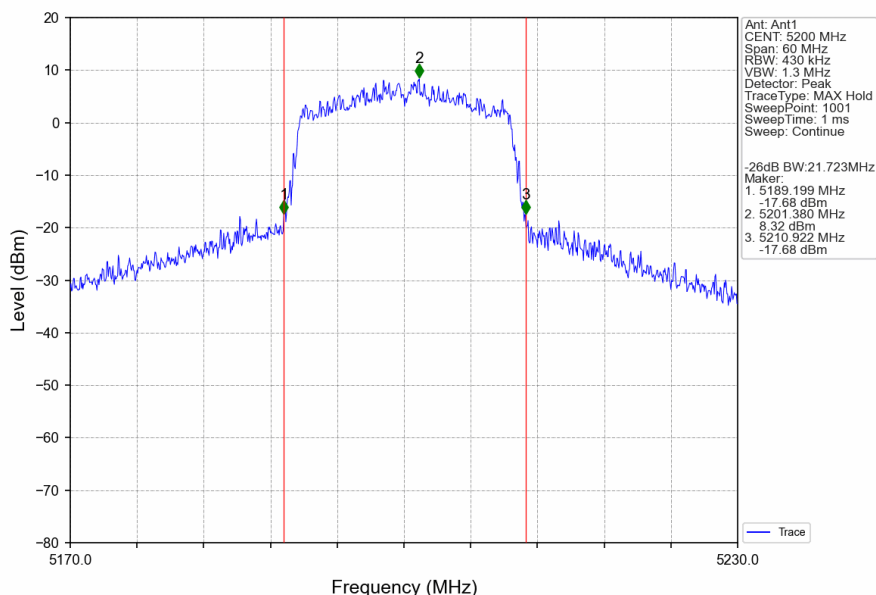
### 802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



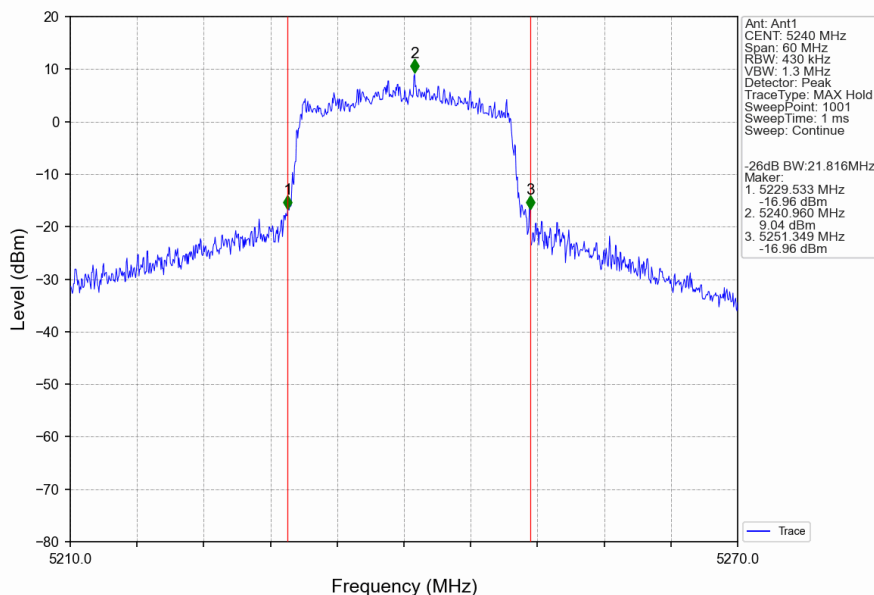
### 802.11ax(HEW20)\_LCH\_5180MHz\_RU242\_Left\_Ant1\_NTNV



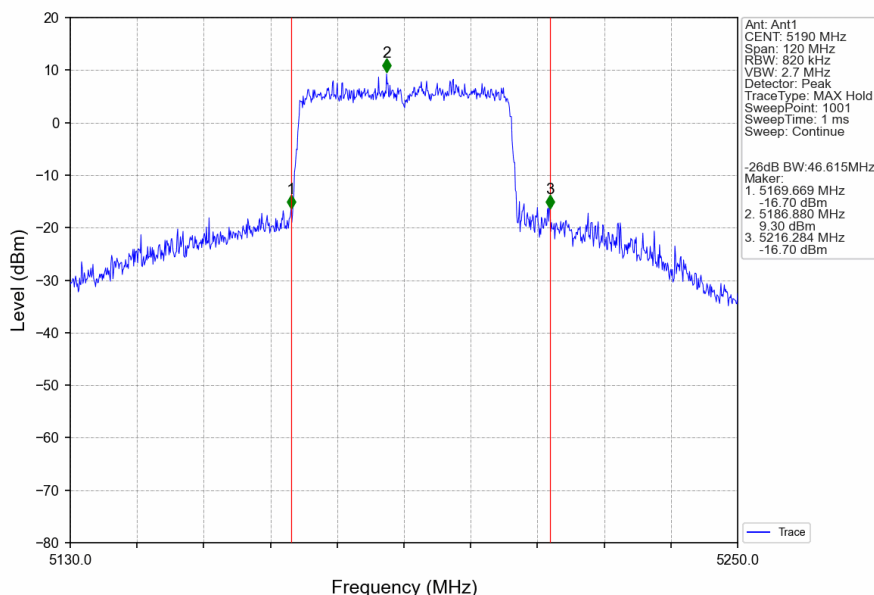
### 802.11ax(HEW20)\_MCH\_5200MHz\_RU242\_Left\_Ant1\_NTNV



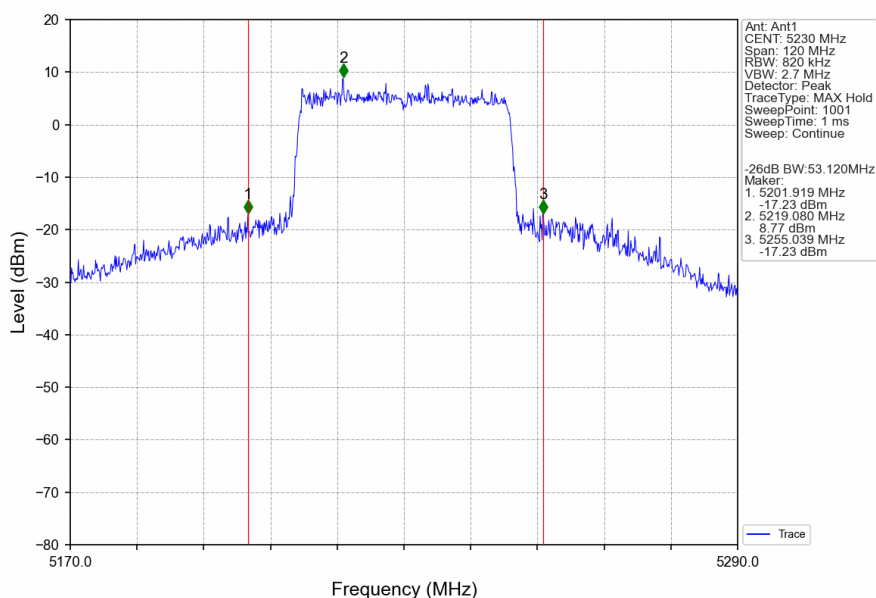
802.11ax(HEW20)\_HCH\_5240MHz\_RU242\_Left\_Ant1\_NTNV



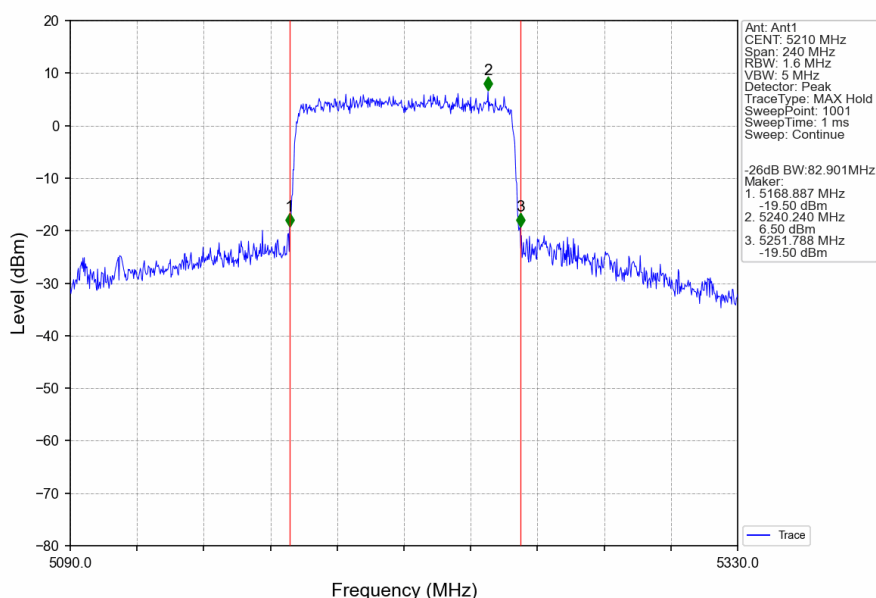
802.11ax(HEW40)\_LCH\_5190MHz\_RU484\_Left\_Ant1\_NTNV



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



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



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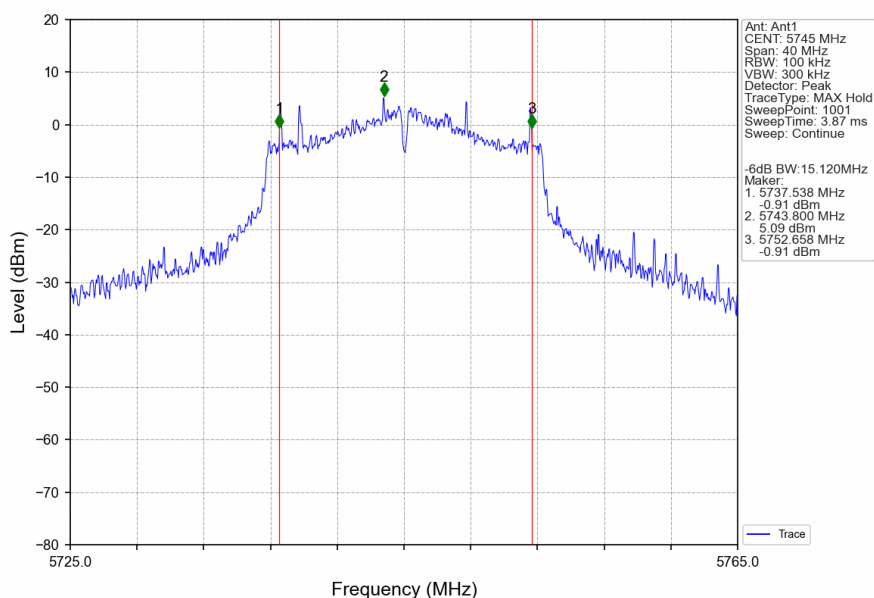
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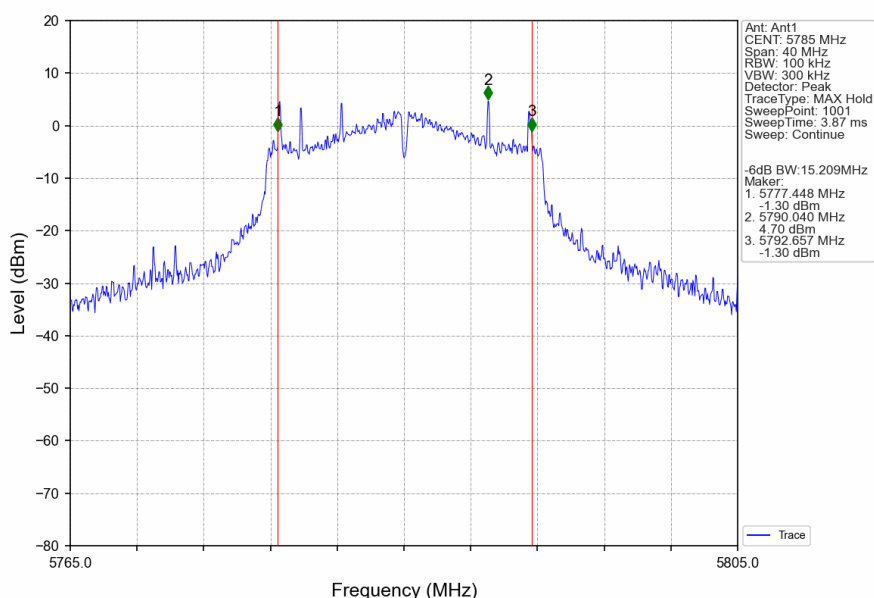
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn  
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

### 2.2.3 6dB BW

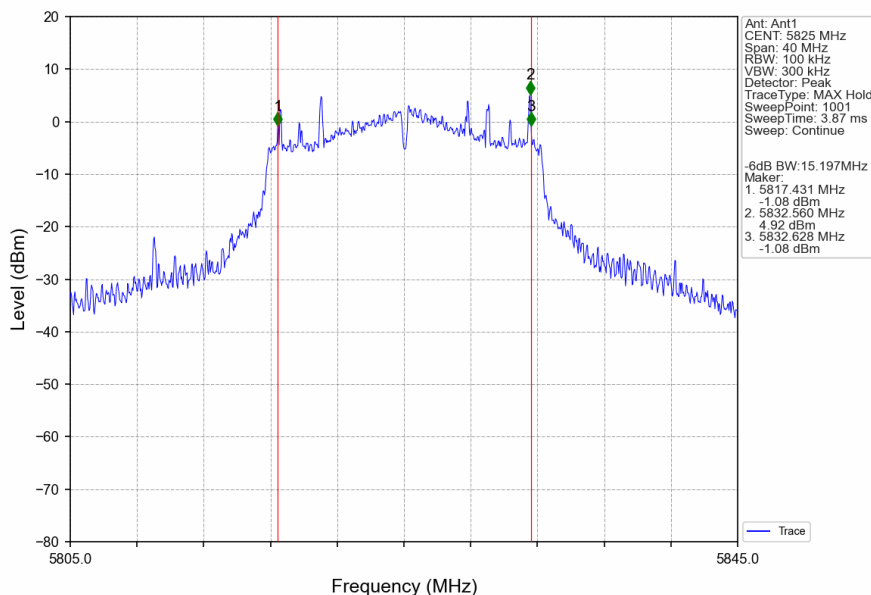
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



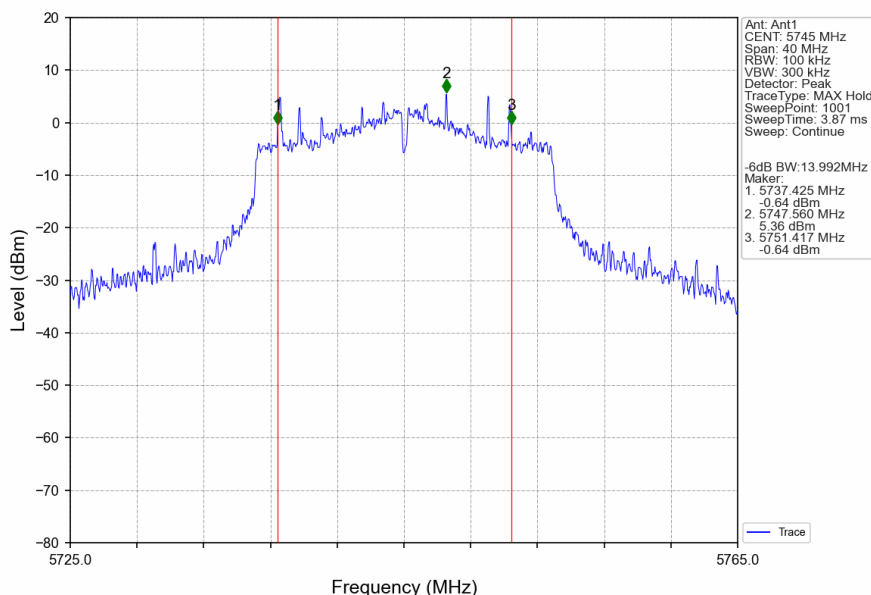
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



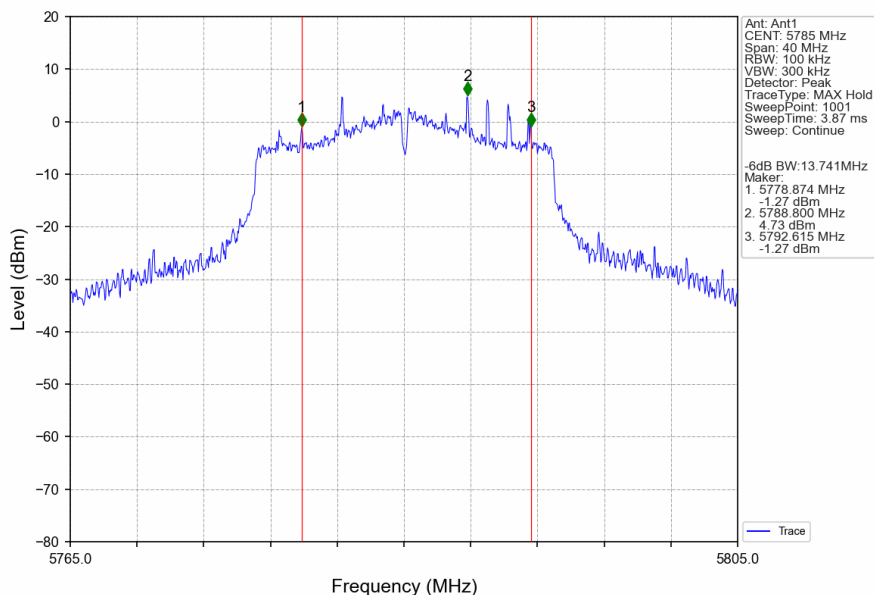
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



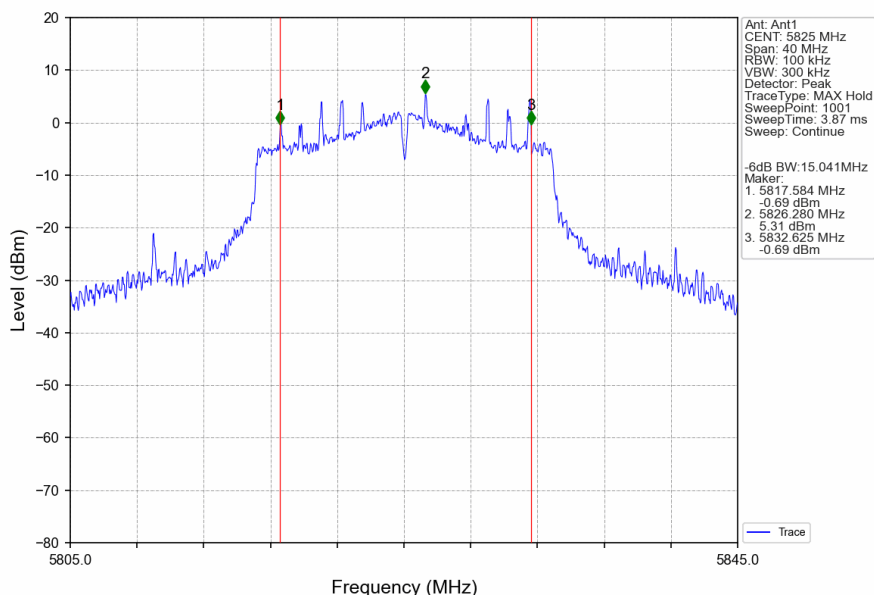
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



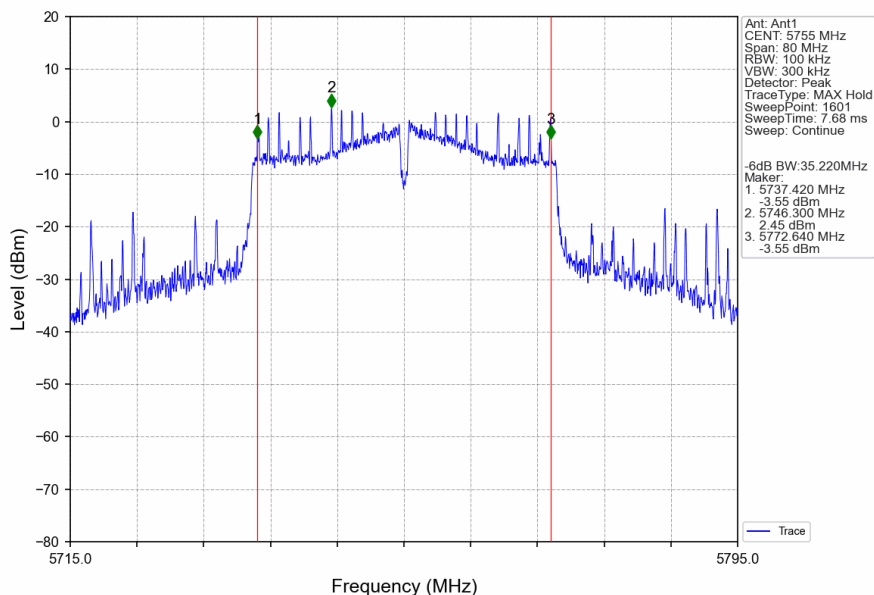
### 802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



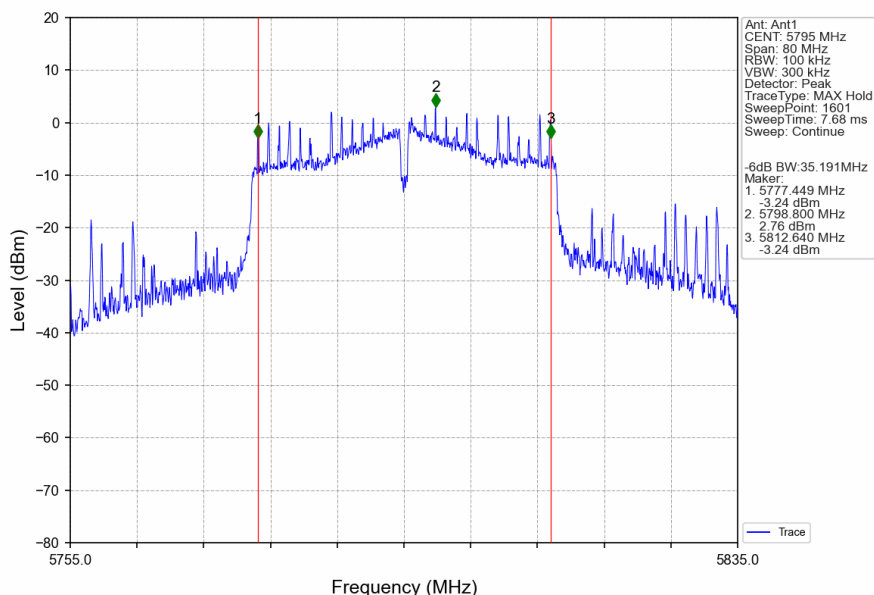
### 802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



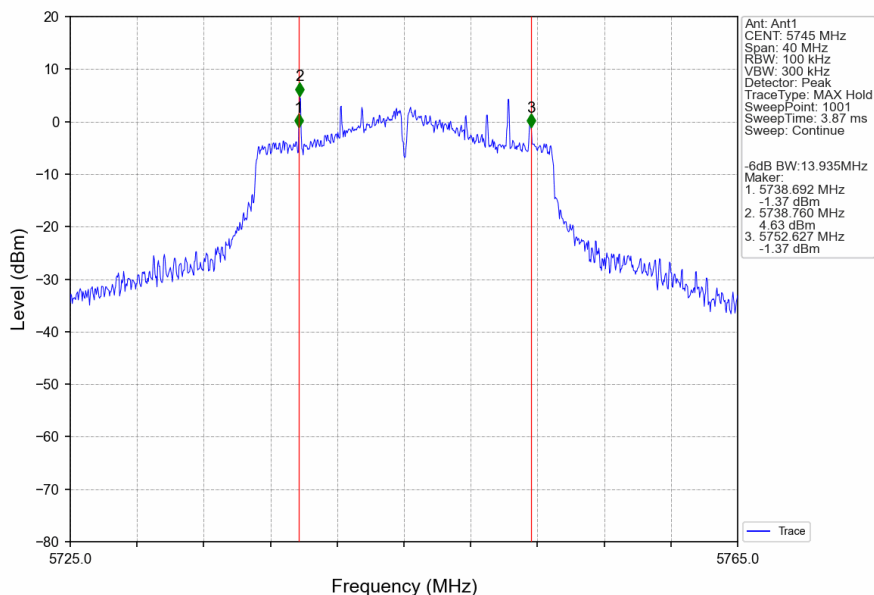
### 802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



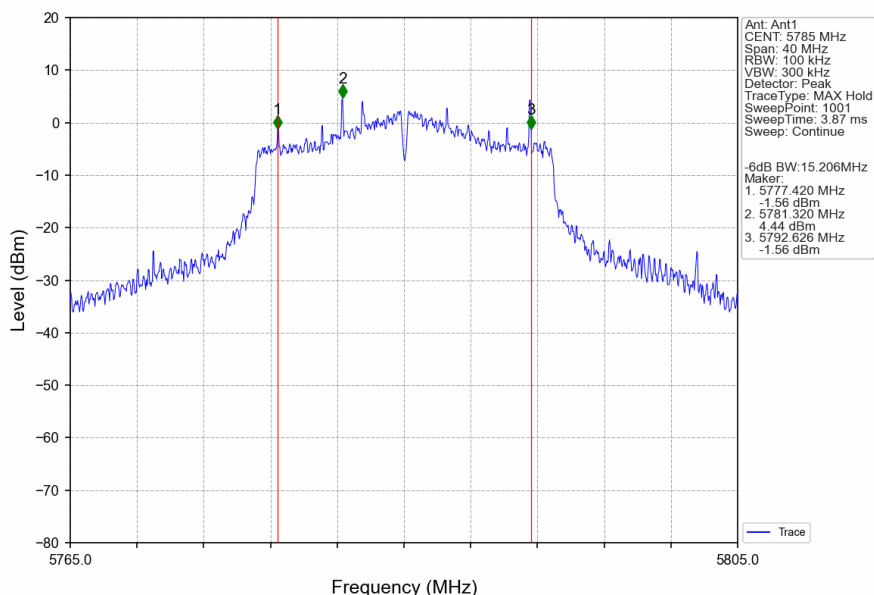
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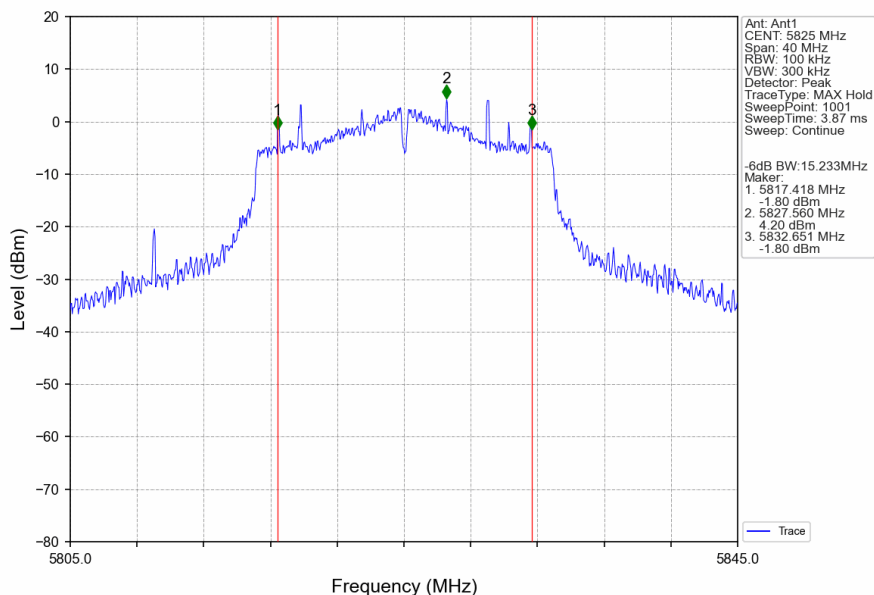
### 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



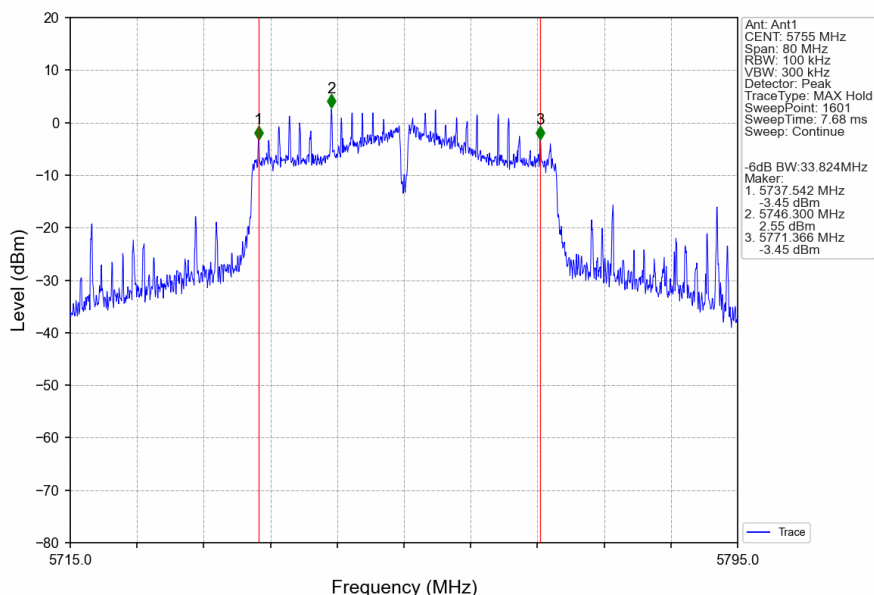
### 802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



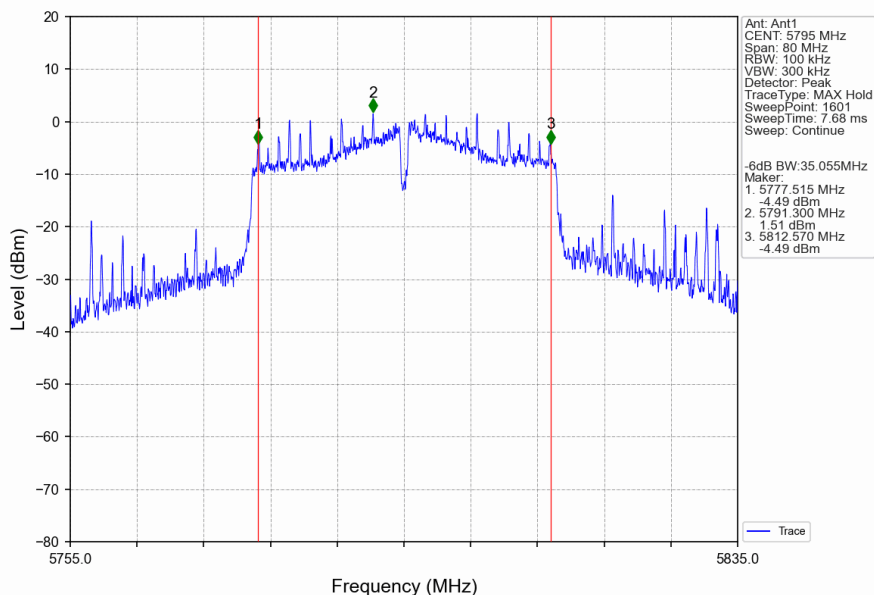
### 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



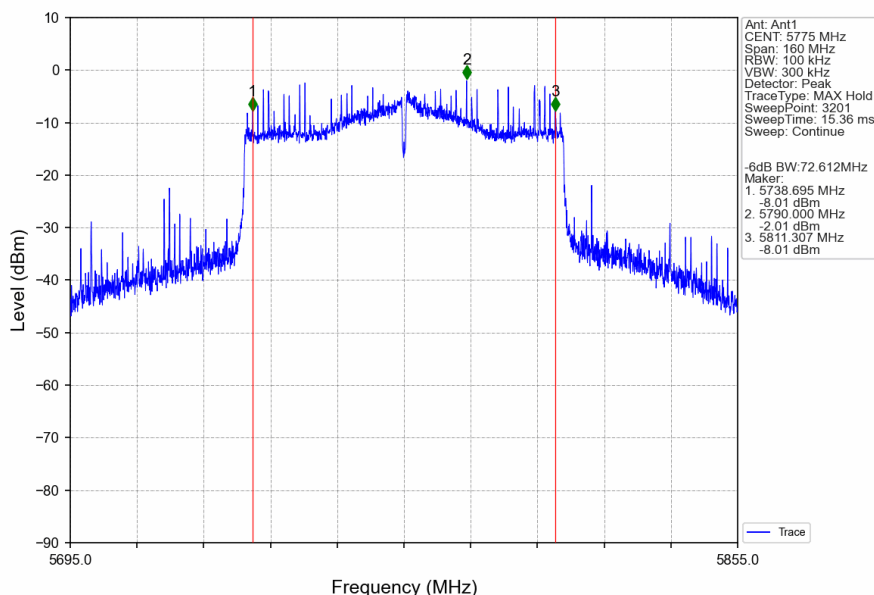
### 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



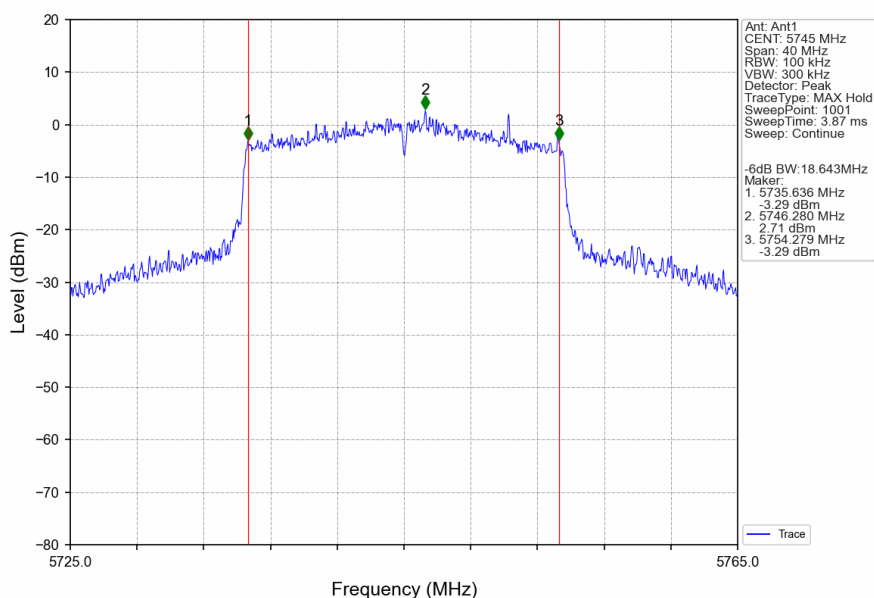
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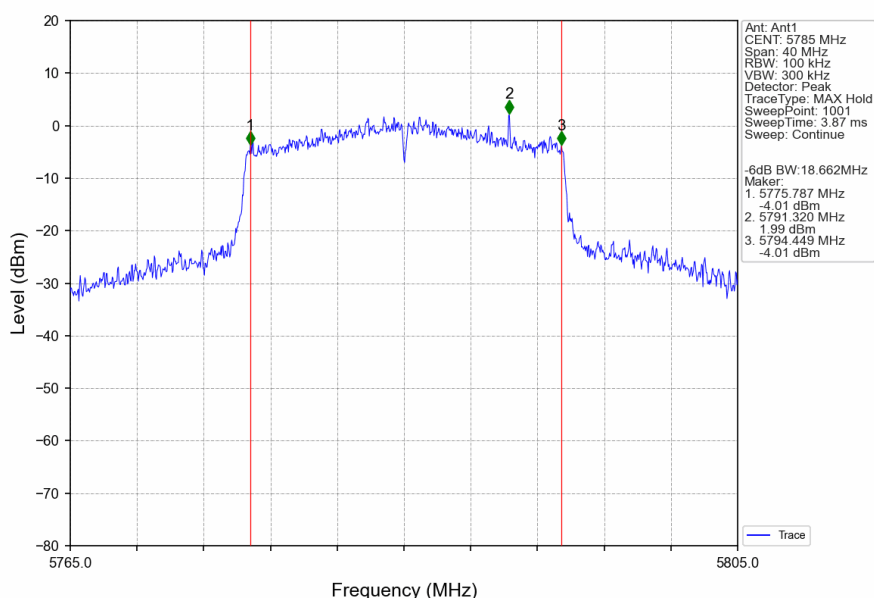
### 802.11ac(VHT80)\_MCH\_5775MHz\_Ant1\_NTNV



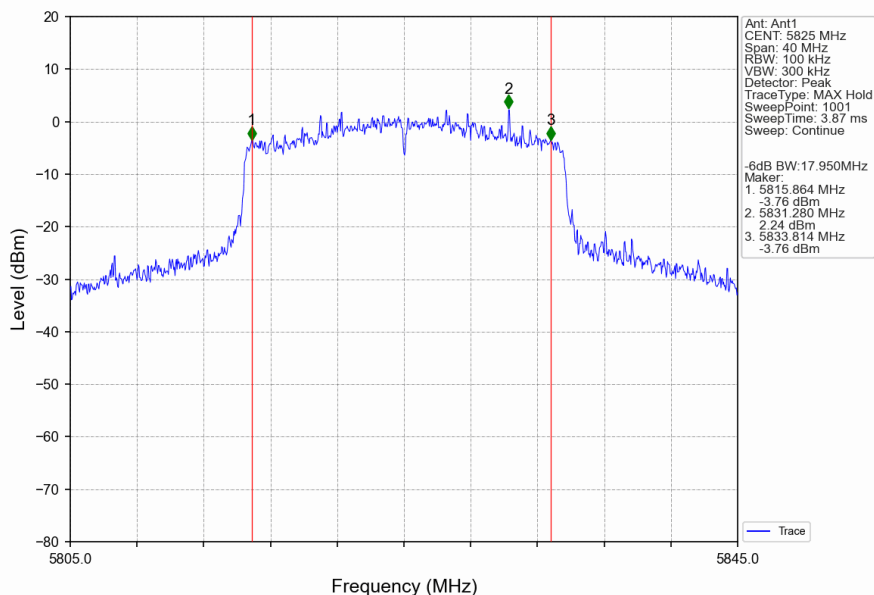
### 802.11ax(HEW20)\_LCH\_5745MHz\_RU242\_Left\_Ant1\_NTNV



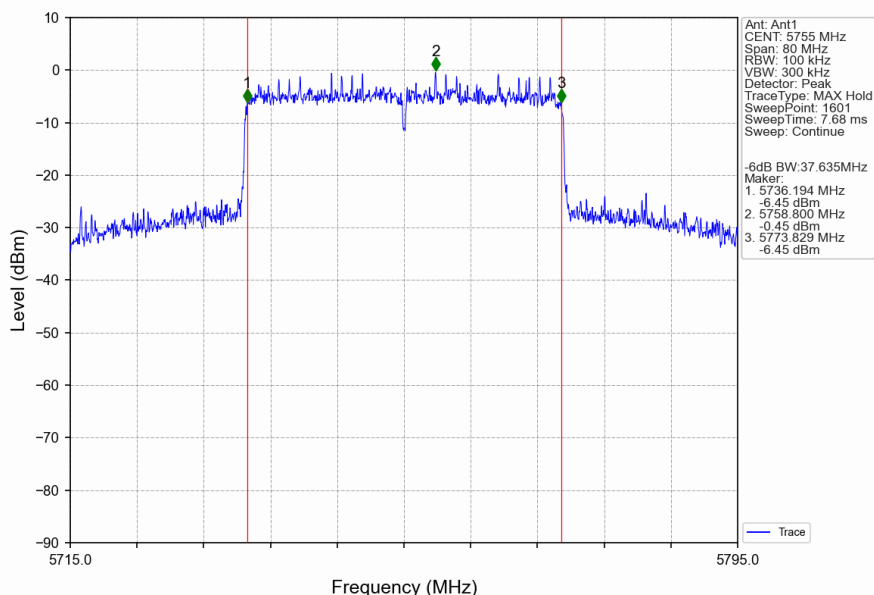
### 802.11ax(HEW20)\_MCH\_5785MHz\_RU242\_Left\_Ant1\_NTNV



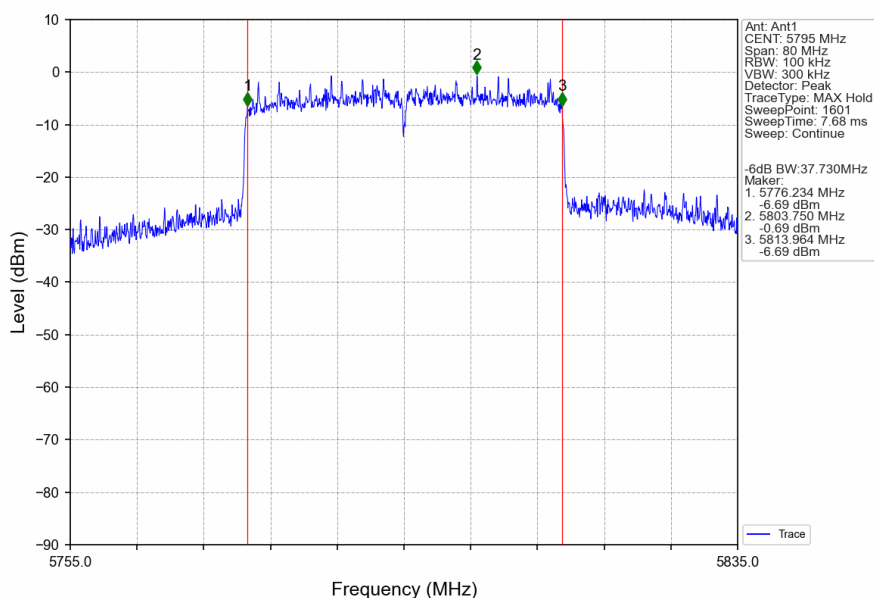
802.11ax(HEW20)\_HCH\_5825MHz\_RU242\_Left\_Ant1\_NTNV



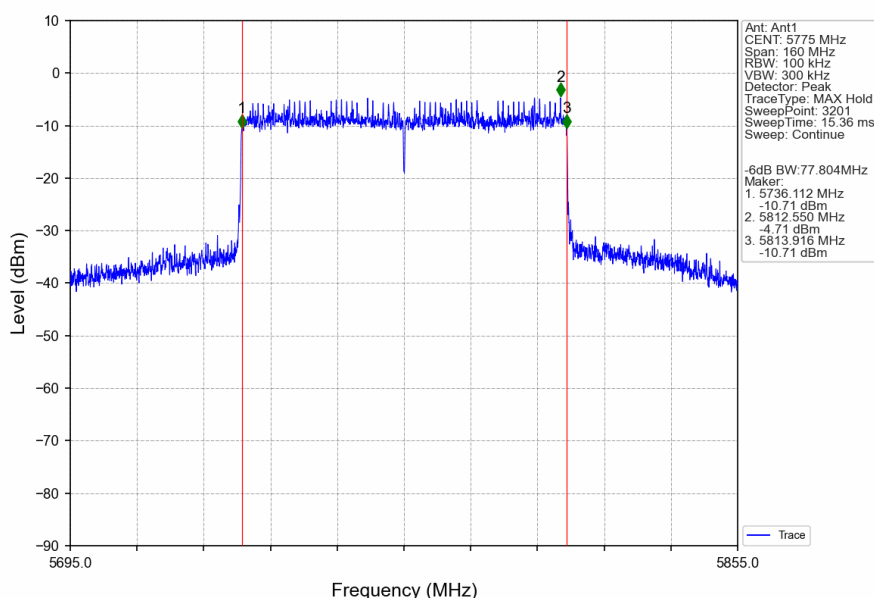
802.11ax(HEW40)\_LCH\_5755MHz\_RU484\_Left\_Ant1\_NTNV



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



802.11ax(HEW80)\_MCH\_5775MHz\_RU996\_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                                         | ANT2  | MIMO  | Limit   |         |
| 802.11a          | SISO    | 5180            | /     | /      | 13.52                                        | 13.56 | /     | <=23.98 | Pass    |
|                  |         | 5200            | /     | /      | 13.87                                        | 13.15 | /     | <=23.98 | Pass    |
|                  |         | 5240            | /     | /      | 13.92                                        | 13.67 | /     | <=23.98 | Pass    |
|                  |         | 5745            | /     | /      | 14.33                                        | 13.24 | /     | <=30    | Pass    |
|                  |         | 5785            | /     | /      | 13.93                                        | 13.90 | /     | <=30    | Pass    |
|                  |         | 5825            | /     | /      | 13.87                                        | 13.96 | /     | <=30    | Pass    |
| 802.11n (HT20)   | MIMO    | 5180            | /     | /      | 13.00                                        | 12.30 | 15.67 | <=23.98 | Pass    |
|                  |         | 5200            | /     | /      | 13.92                                        | 13.02 | 16.50 | <=23.98 | Pass    |
|                  |         | 5240            | /     | /      | 13.80                                        | 13.58 | 16.70 | <=23.98 | Pass    |
|                  |         | 5745            | /     | /      | 14.14                                        | 12.15 | 16.27 | <=30    | Pass    |
|                  |         | 5785            | /     | /      | 13.71                                        | 12.86 | 16.32 | <=30    | Pass    |
|                  |         | 5825            | /     | /      | 13.70                                        | 12.84 | 16.30 | <=30    | Pass    |
| 802.11n (HT40)   | MIMO    | 5190            | /     | /      | 12.89                                        | 12.18 | 15.56 | <=23.98 | Pass    |
|                  |         | 5230            | /     | /      | 13.12                                        | 12.70 | 15.93 | <=23.98 | Pass    |
|                  |         | 5755            | /     | /      | 14.10                                        | 12.15 | 16.24 | <=30    | Pass    |
|                  |         | 5795            | /     | /      | 13.70                                        | 13.04 | 16.39 | <=30    | Pass    |
| 802.11ac (VHT20) | MIMO    | 5180            | /     | /      | 14.43                                        | 13.33 | 16.93 | <=23.98 | Pass    |
|                  |         | 5200            | /     | /      | 13.93                                        | 13.20 | 16.59 | <=23.98 | Pass    |
|                  |         | 5240            | /     | /      | 13.51                                        | 13.87 | 16.70 | <=23.98 | Pass    |
|                  |         | 5745            | /     | /      | 13.89                                        | 12.40 | 16.22 | <=30    | Pass    |
|                  |         | 5785            | /     | /      | 13.85                                        | 12.95 | 16.43 | <=30    | Pass    |
|                  |         | 5825            | /     | /      | 13.84                                        | 12.89 | 16.40 | <=30    | Pass    |
| 802.11ac (VHT40) | MIMO    | 5190            | /     | /      | 13.63                                        | 12.43 | 16.08 | <=23.98 | Pass    |
|                  |         | 5230            | /     | /      | 13.12                                        | 12.89 | 16.02 | <=23.98 | Pass    |
|                  |         | 5755            | /     | /      | 14.04                                        | 12.28 | 16.26 | <=30    | Pass    |
|                  |         | 5795            | /     | /      | 13.70                                        | 13.16 | 16.45 | <=30    | Pass    |
| 802.11ac (VHT80) | MIMO    | 5210            | /     | /      | 12.75                                        | 12.14 | 15.47 | <=23.98 | Pass    |
|                  |         | 5775            | /     | /      | 12.40                                        | 11.32 | 14.90 | <=30    | Pass    |
| 802.11ax (HEW20) | MIMO    | 5180            | RU242 | Left   | 13.16                                        | 12.30 | 15.76 | <=23.98 | Pass    |
|                  |         | 5200            | RU242 | Left   | 12.74                                        | 12.03 | 15.41 | <=23.98 | Pass    |
|                  |         | 5240            | RU242 | Left   | 12.57                                        | 12.93 | 15.76 | <=23.98 | Pass    |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250700293005

Page: 200 of 272

|                     |      |      |       |      |       |       |       |         |      |
|---------------------|------|------|-------|------|-------|-------|-------|---------|------|
|                     |      | 5745 | RU242 | Left | 14.02 | 12.51 | 16.34 | <=30    | Pass |
|                     |      | 5785 | RU242 | Left | 13.85 | 13.16 | 16.53 | <=30    | Pass |
|                     |      | 5825 | RU242 | Left | 13.94 | 13.27 | 16.63 | <=30    | Pass |
| 802.11ax<br>(HEW40) | MIMO | 5190 | RU484 | Left | 13.91 | 12.88 | 16.44 | <=23.98 | Pass |
|                     |      | 5230 | RU484 | Left | 13.43 | 13.20 | 16.33 | <=23.98 | Pass |
|                     |      | 5755 | RU484 | Left | 13.99 | 12.47 | 16.31 | <=30    | Pass |
|                     |      | 5795 | RU484 | Left | 13.73 | 13.17 | 16.47 | <=30    | Pass |
| 802.11ax<br>(HEW80) | MIMO | 5210 | RU996 | Left | 12.02 | 11.36 | 14.71 | <=23.98 | Pass |
|                     |      | 5775 | RU996 | Left | 12.65 | 11.36 | 15.06 | <=30    | Pass |



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## 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            | /     | /      | 4.78                  | 4.80  | /     | <=11  | Pass    |
|                  |         | 5200            | /     | /      | 5.14                  | 4.35  | /     | <=11  | Pass    |
|                  |         | 5240            | /     | /      | 5.17                  | 5.11  | /     | <=11  | Pass    |
| 802.11n (HT20)   | MIMO    | 5180            | /     | /      | 4.02                  | 3.27  | 6.61  | <=11  | Pass    |
|                  |         | 5200            | /     | /      | 5.00                  | 4.24  | 7.55  | <=11  | Pass    |
|                  |         | 5240            | /     | /      | 4.80                  | 4.67  | 7.67  | <=11  | Pass    |
| 802.11n (HT40)   | MIMO    | 5190            | /     | /      | 1.47                  | 0.75  | 4.12  | <=11  | Pass    |
|                  |         | 5230            | /     | /      | 1.68                  | 1.32  | 4.44  | <=11  | Pass    |
| 802.11ac (VHT20) | MIMO    | 5180            | /     | /      | 5.47                  | 4.42  | 7.90  | <=11  | Pass    |
|                  |         | 5200            | /     | /      | 5.00                  | 4.39  | 7.64  | <=11  | Pass    |
|                  |         | 5240            | /     | /      | 4.70                  | 4.96  | 7.75  | <=11  | Pass    |
| 802.11ac (VHT40) | MIMO    | 5190            | /     | /      | 2.31                  | 0.82  | 4.63  | <=11  | Pass    |
|                  |         | 5230            | /     | /      | 1.76                  | 1.56  | 4.58  | <=11  | Pass    |
| 802.11ac (VHT80) | MIMO    | 5210            | /     | /      | -1.08                 | -1.80 | 1.59  | <=11  | Pass    |
| 802.11ax (HEW20) | MIMO    | 5180            | RU242 | Left   | 2.88                  | 1.86  | 5.33  | <=11  | Pass    |
|                  |         | 5200            | RU242 | Left   | 2.43                  | 1.72  | 4.98  | <=11  | Pass    |
|                  |         | 5240            | RU242 | Left   | 2.20                  | 2.58  | 5.27  | <=11  | Pass    |
| 802.11ax (HEW40) | MIMO    | 5190            | RU484 | Left   | -0.76                 | -1.61 | 1.62  | <=11  | Pass    |
|                  |         | 5230            | RU484 | Left   | -1.25                 | -1.31 | 1.50  | <=11  | Pass    |
| 802.11ax (HEW80) | MIMO    | 5210            | RU996 | Left   | -5.39                 | -5.53 | -2.86 | <=11  | Pass    |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250700293005

Page: 202 of 272

## 4.1.2 PSD-Band3

| Mode             | TX Type | Frequency (MHz) | RU    | RU Pos | Maximum PSD (dBm/500kHz) |       |       |       | Verdict |
|------------------|---------|-----------------|-------|--------|--------------------------|-------|-------|-------|---------|
|                  |         |                 |       |        | ANT1                     | ANT2  | MIMO  | Limit |         |
| 802.11a          | SISO    | 5745            | /     | /      | 3.44                     | 2.75  | /     | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 3.05                     | 3.03  | /     | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 3.32                     | 3.09  | /     | <=30  | Pass    |
| 802.11n (HT20)   | MIMO    | 5745            | /     | /      | 3.43                     | 1.43  | 5.40  | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 2.85                     | 2.02  | 5.46  | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 2.74                     | 2.01  | 5.30  | <=30  | Pass    |
| 802.11n (HT40)   | MIMO    | 5755            | /     | /      | 0.36                     | -1.86 | 2.32  | <=30  | Pass    |
|                  |         | 5795            | /     | /      | -0.09                    | -1.05 | 2.39  | <=30  | Pass    |
| 802.11ac (VHT20) | MIMO    | 5745            | /     | /      | 2.77                     | 1.46  | 5.15  | <=30  | Pass    |
|                  |         | 5785            | /     | /      | 2.82                     | 2.11  | 5.36  | <=30  | Pass    |
|                  |         | 5825            | /     | /      | 2.80                     | 1.91  | 5.38  | <=30  | Pass    |
| 802.11ac (VHT40) | MIMO    | 5755            | /     | /      | 0.22                     | -1.80 | 2.34  | <=30  | Pass    |
|                  |         | 5795            | /     | /      | 0.01                     | -0.95 | 2.57  | <=30  | Pass    |
| 802.11ac (VHT80) | MIMO    | 5775            | /     | /      | -4.68                    | -6.00 | -2.29 | <=30  | Pass    |
| 802.11ax (HEW20) | MIMO    | 5745            | RU242 | Left   | 0.83                     | -0.61 | 3.06  | <=30  | Pass    |
|                  |         | 5785            | RU242 | Left   | 0.66                     | 0.10  | 3.34  | <=30  | Pass    |
|                  |         | 5825            | RU242 | Left   | 1.00                     | 0.20  | 3.42  | <=30  | Pass    |
| 802.11ax (HEW40) | MIMO    | 5755            | RU484 | Left   | -3.86                    | -5.25 | -1.64 | <=30  | Pass    |
|                  |         | 5795            | RU484 | Left   | -3.81                    | -4.41 | -1.28 | <=30  | Pass    |
| 802.11ax (HEW80) | MIMO    | 5775            | RU996 | Left   | -7.80                    | -9.04 | -5.43 | <=30  | Pass    |



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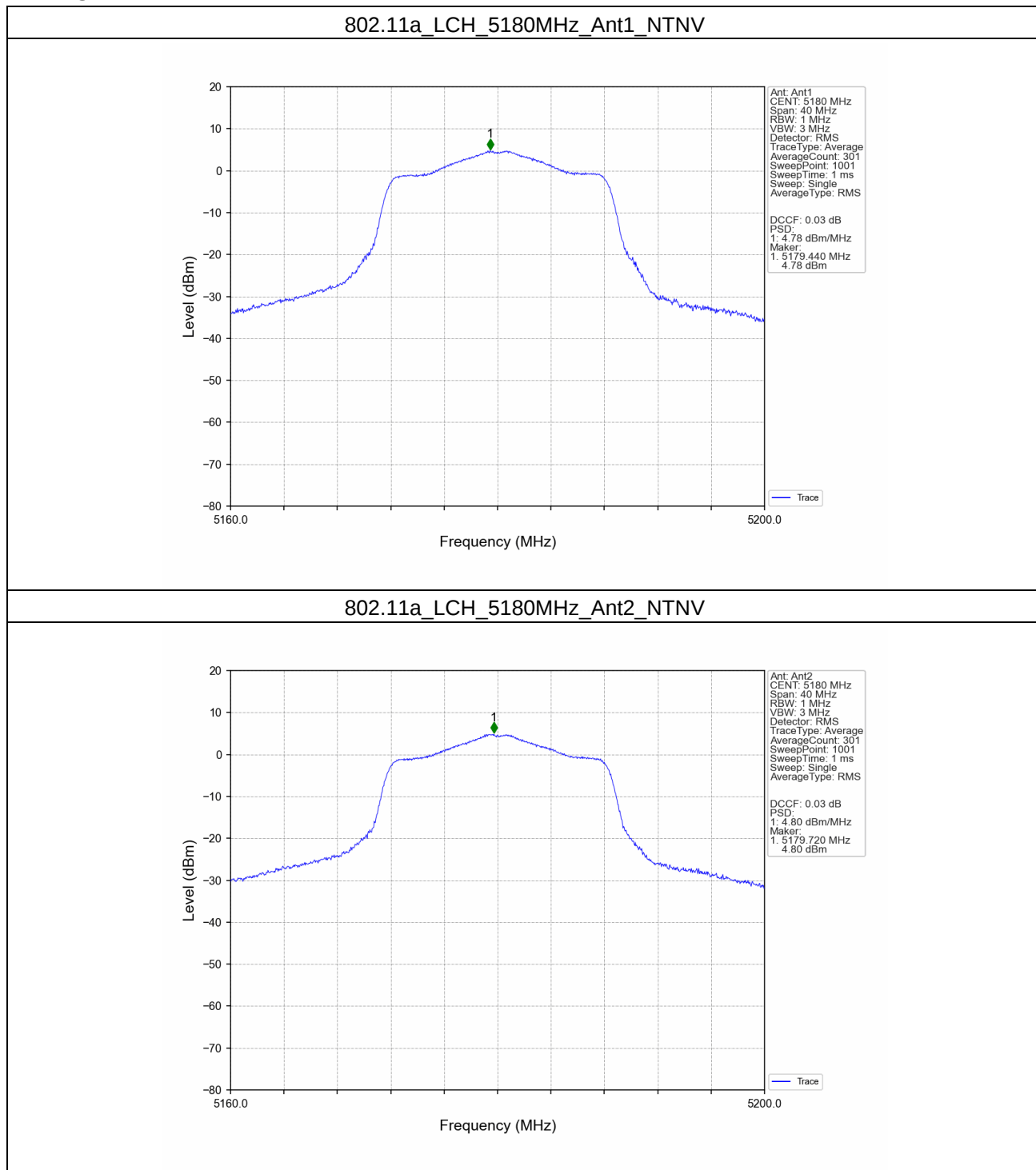
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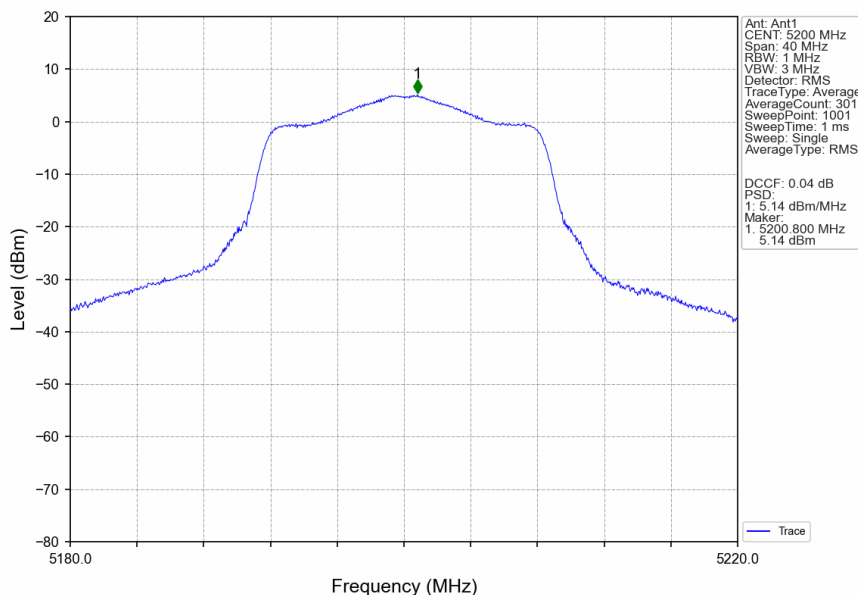
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### 4.2 Test Graph

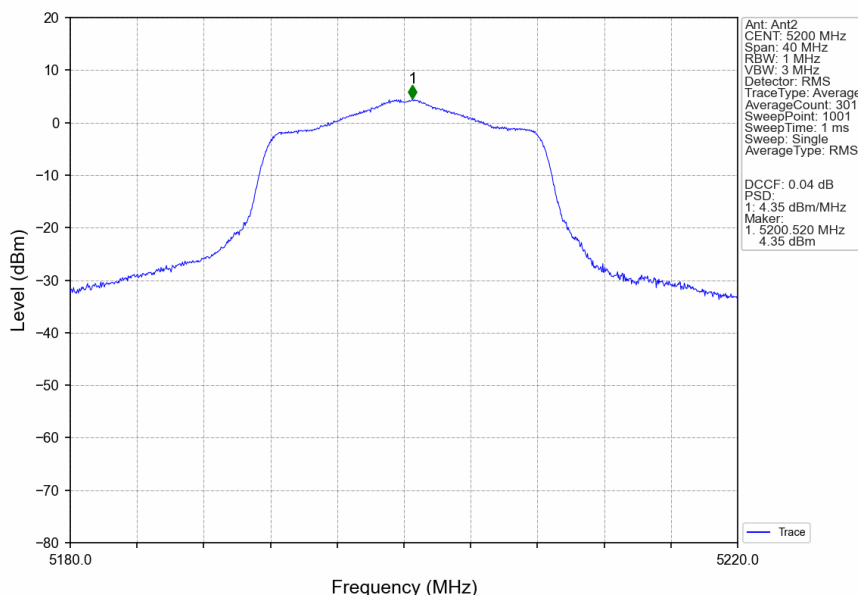
#### 4.2.1 PSD



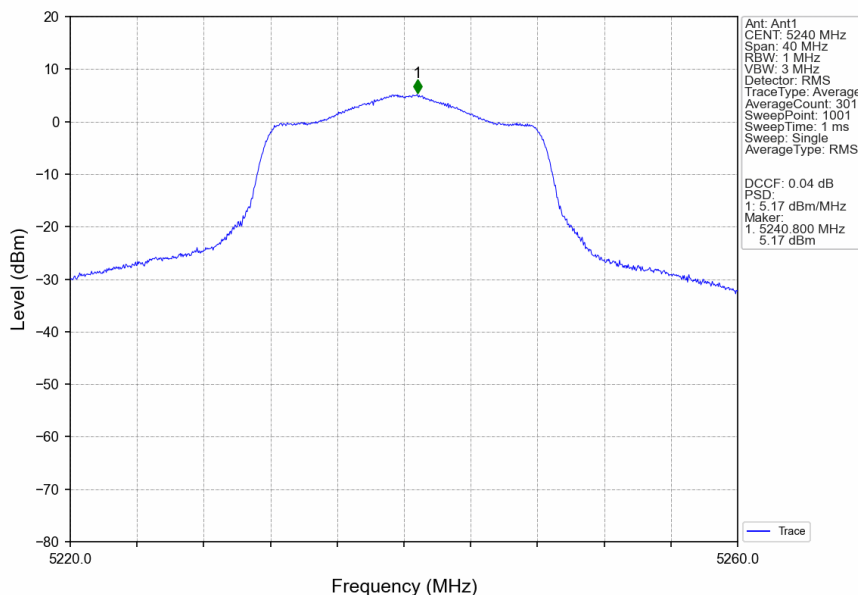
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



802.11a\_MCH\_5200MHz\_Ant2\_NTNV



802.11a\_HCH\_5240MHz\_Ant1\_NTNV



802.11a\_HCH\_5240MHz\_Ant2\_NTNV

