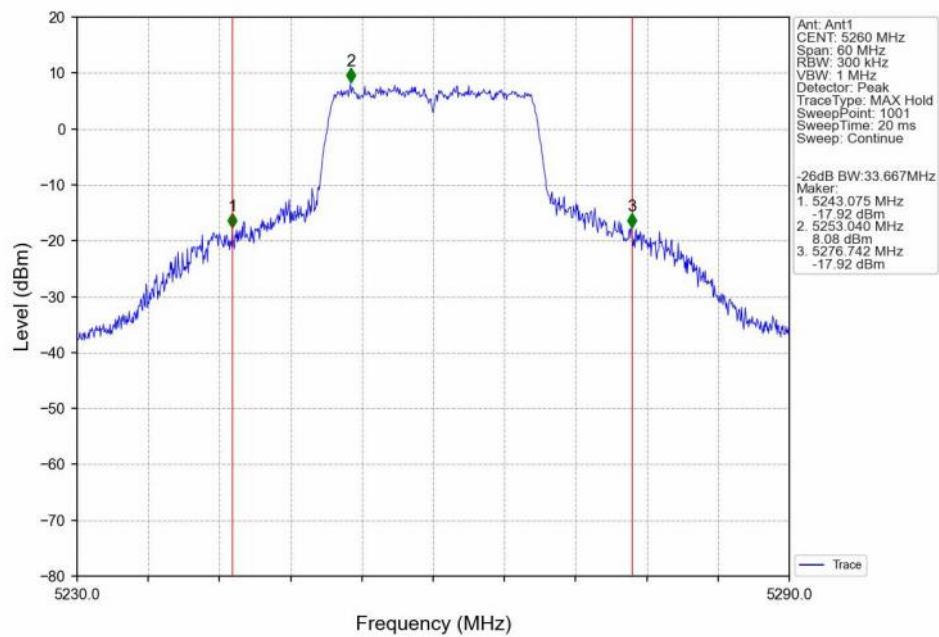
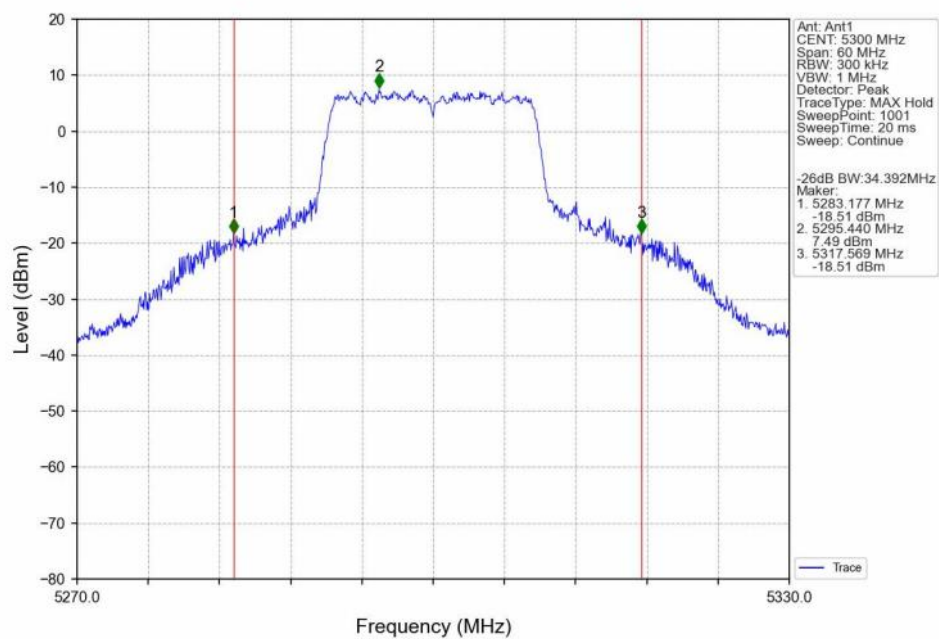


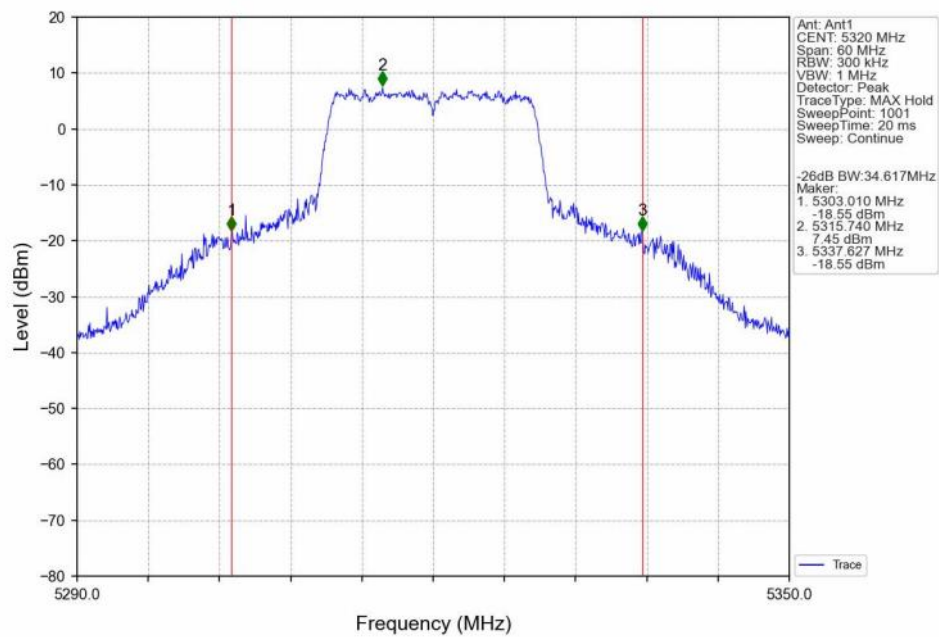
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



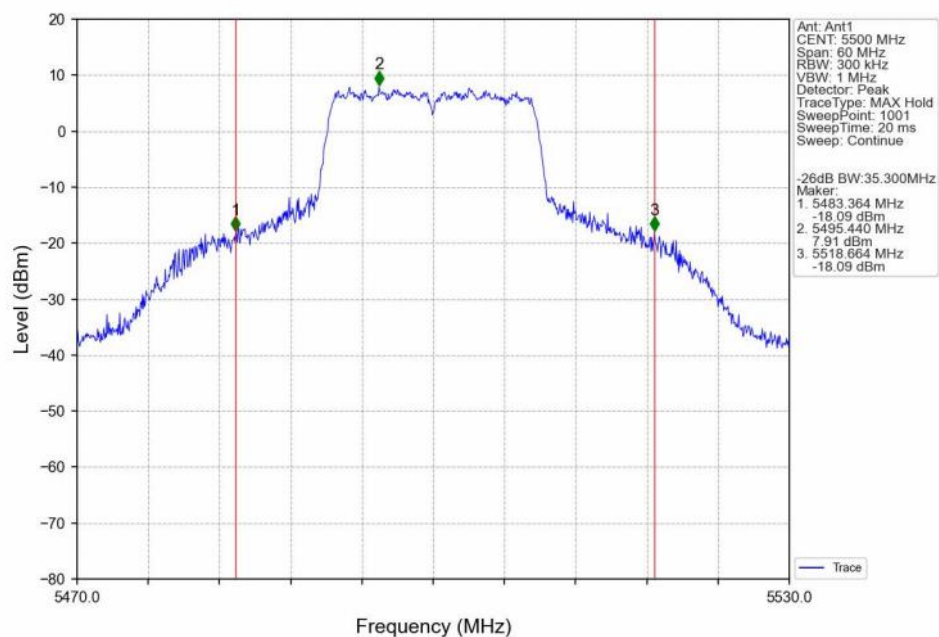
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



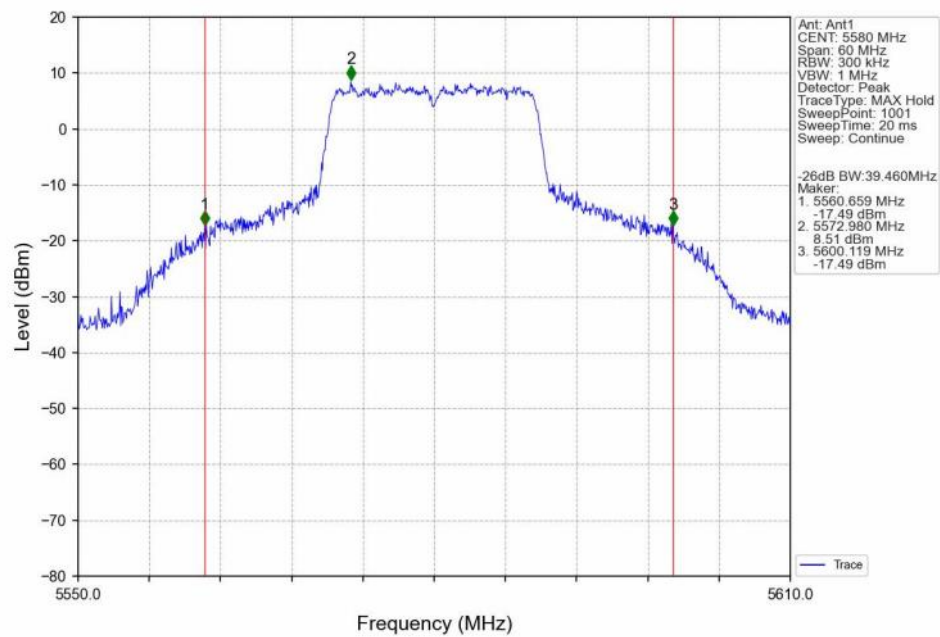
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



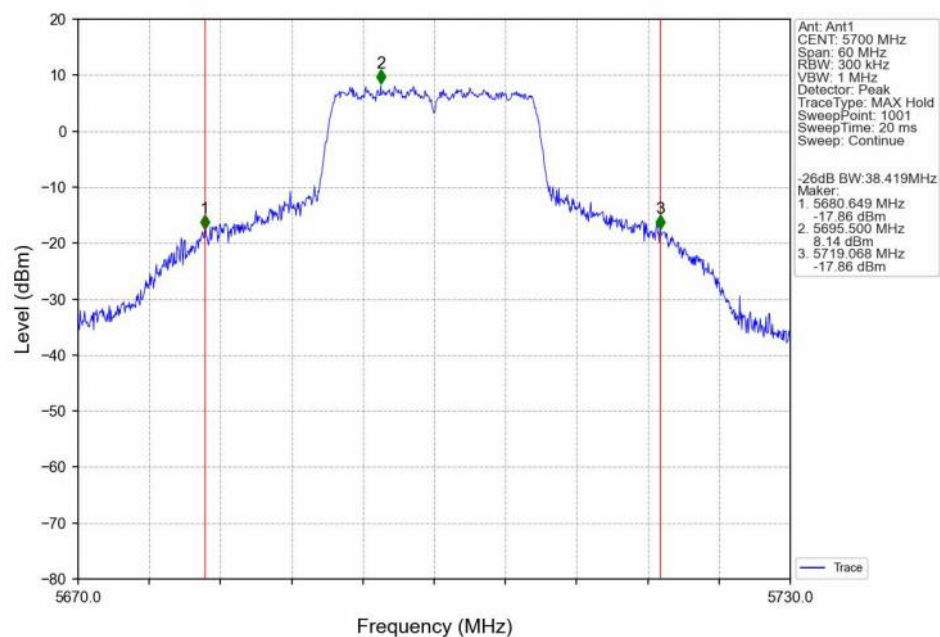
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



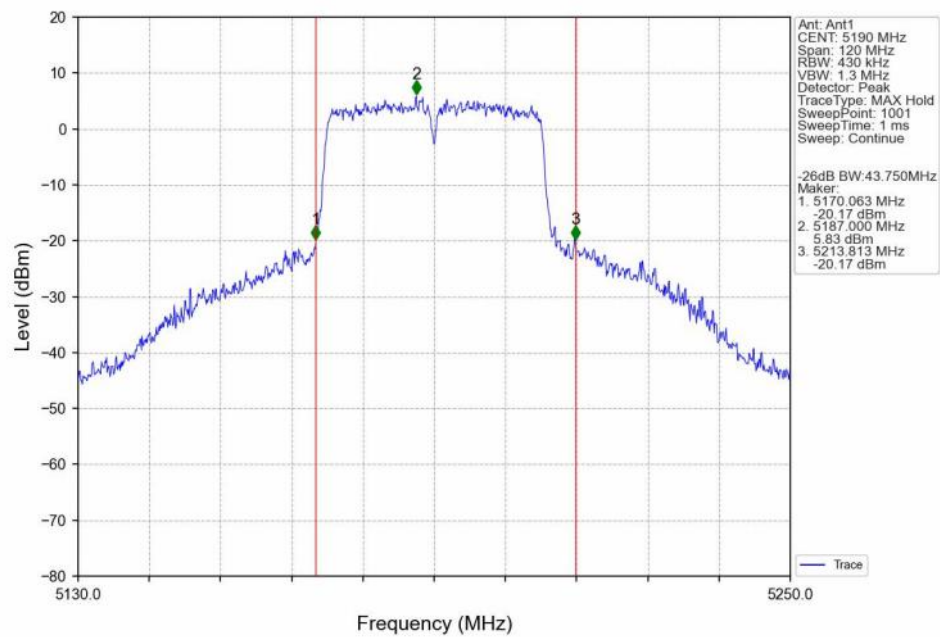
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



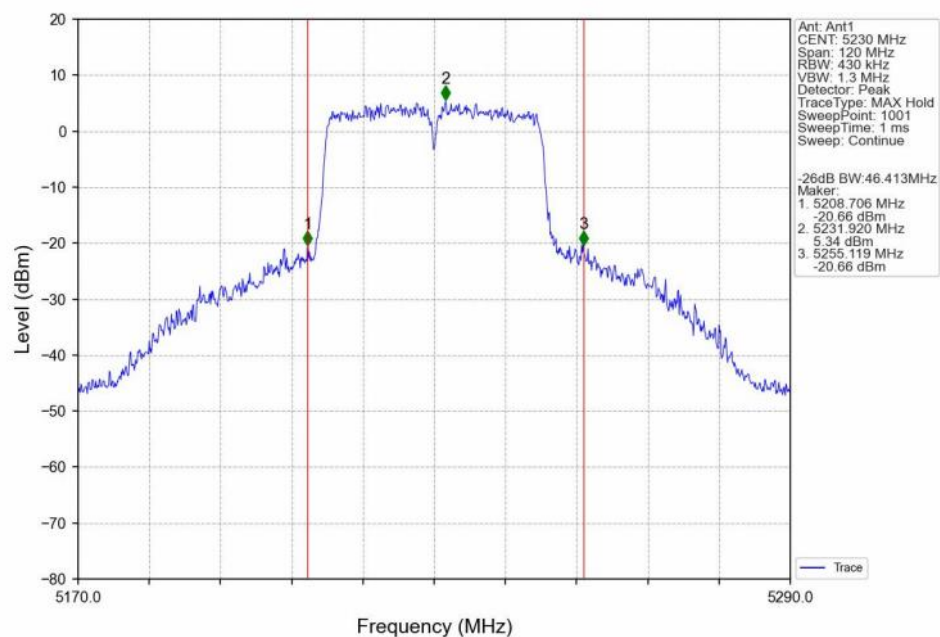
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



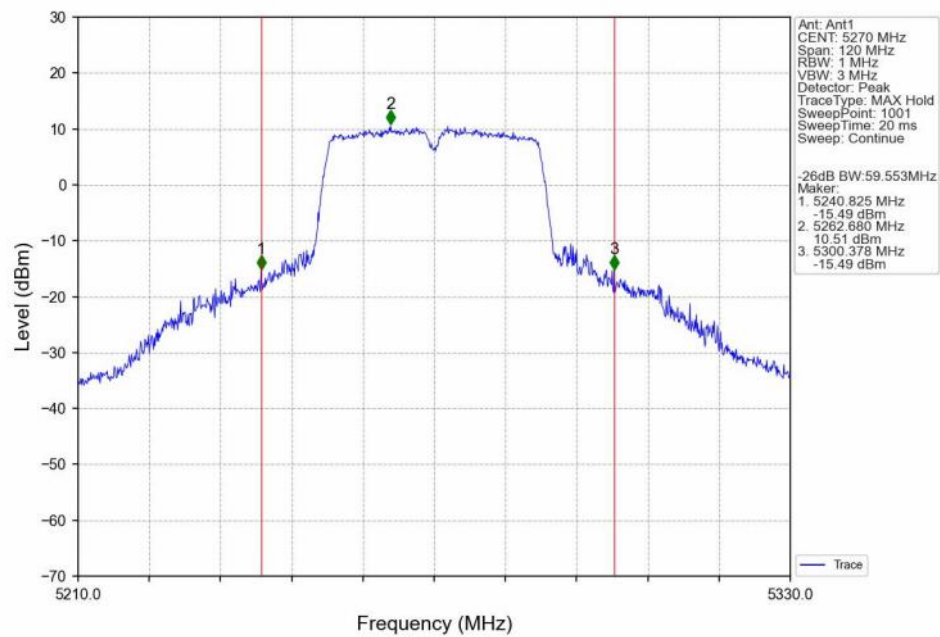
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



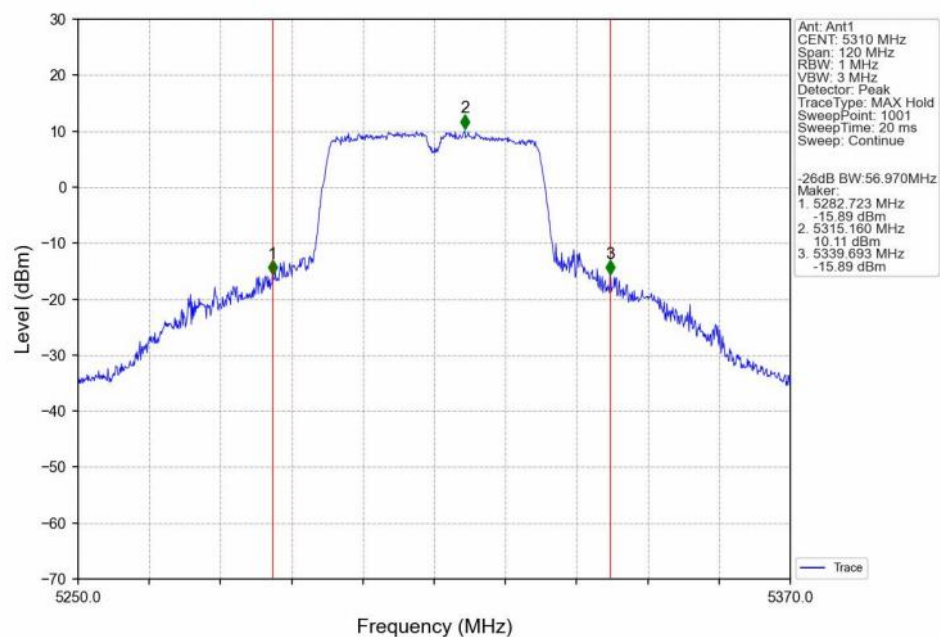
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



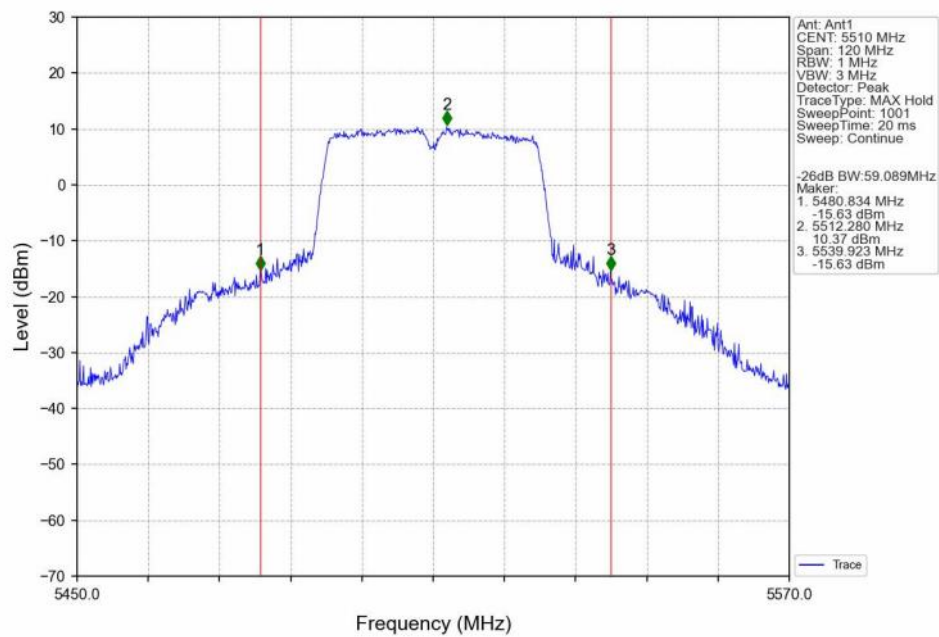
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



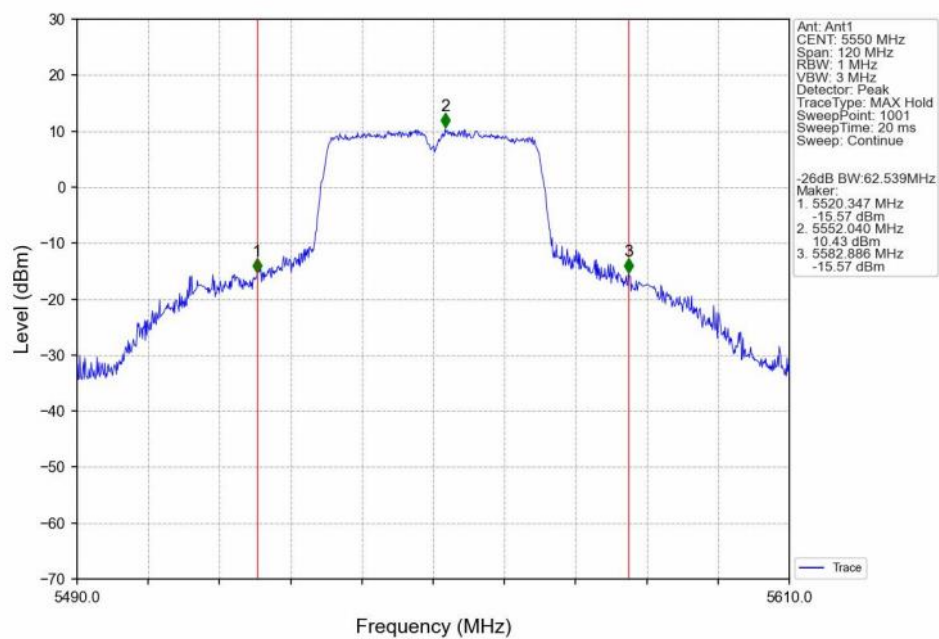
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



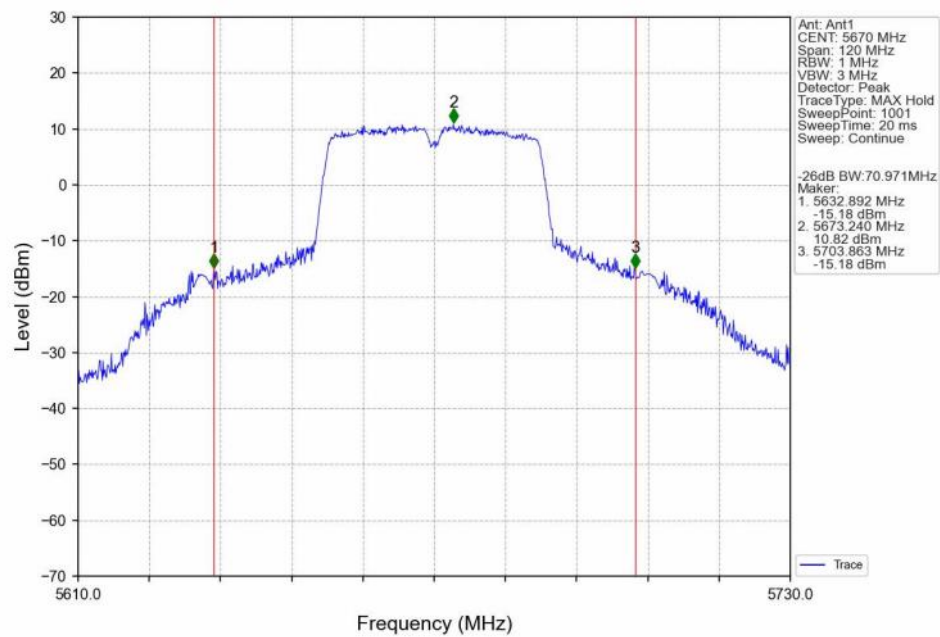
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



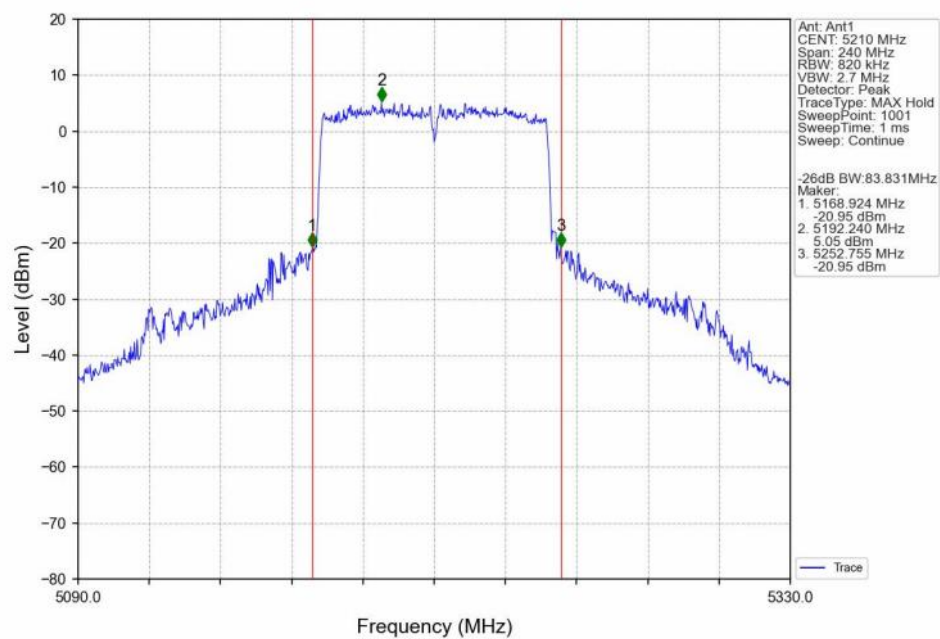
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



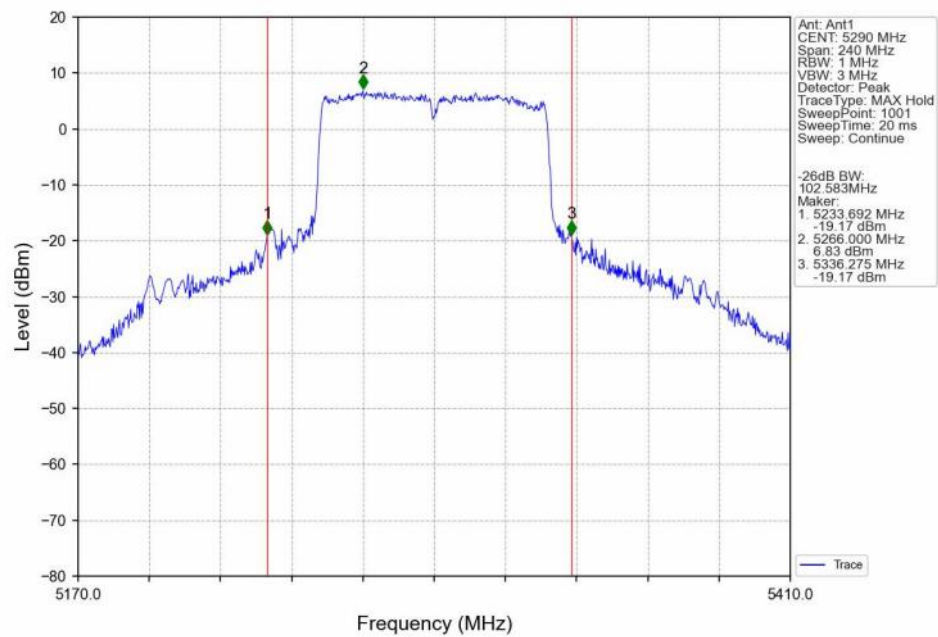
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



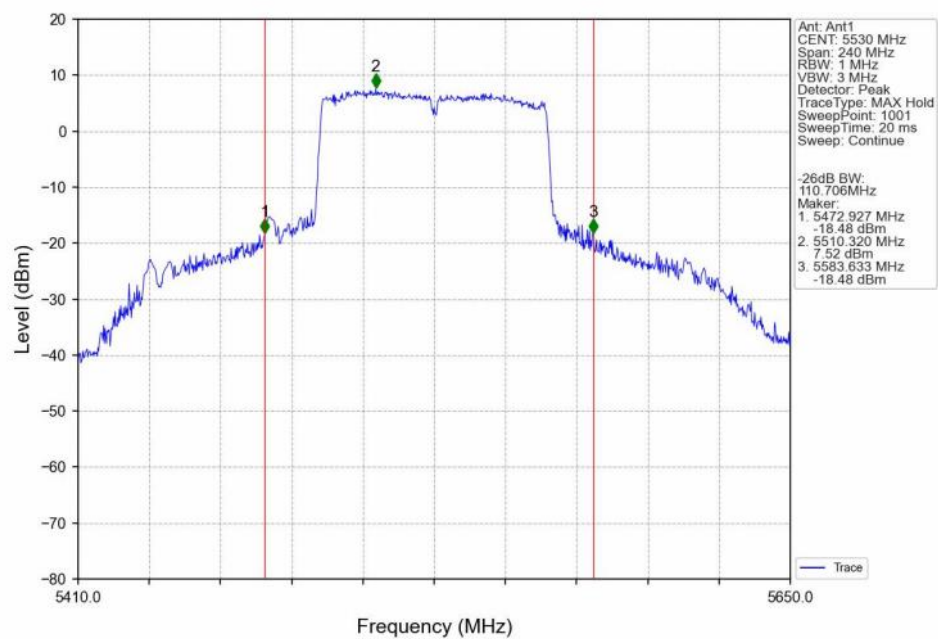
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



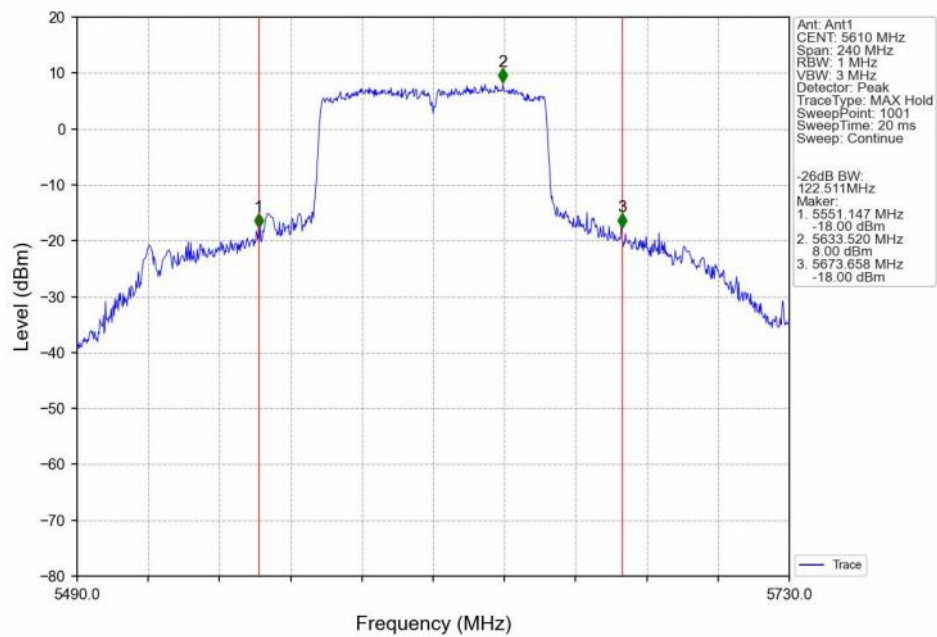
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



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



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



### 3. Maximum Conducted Output Power

#### 3.1 Test Result

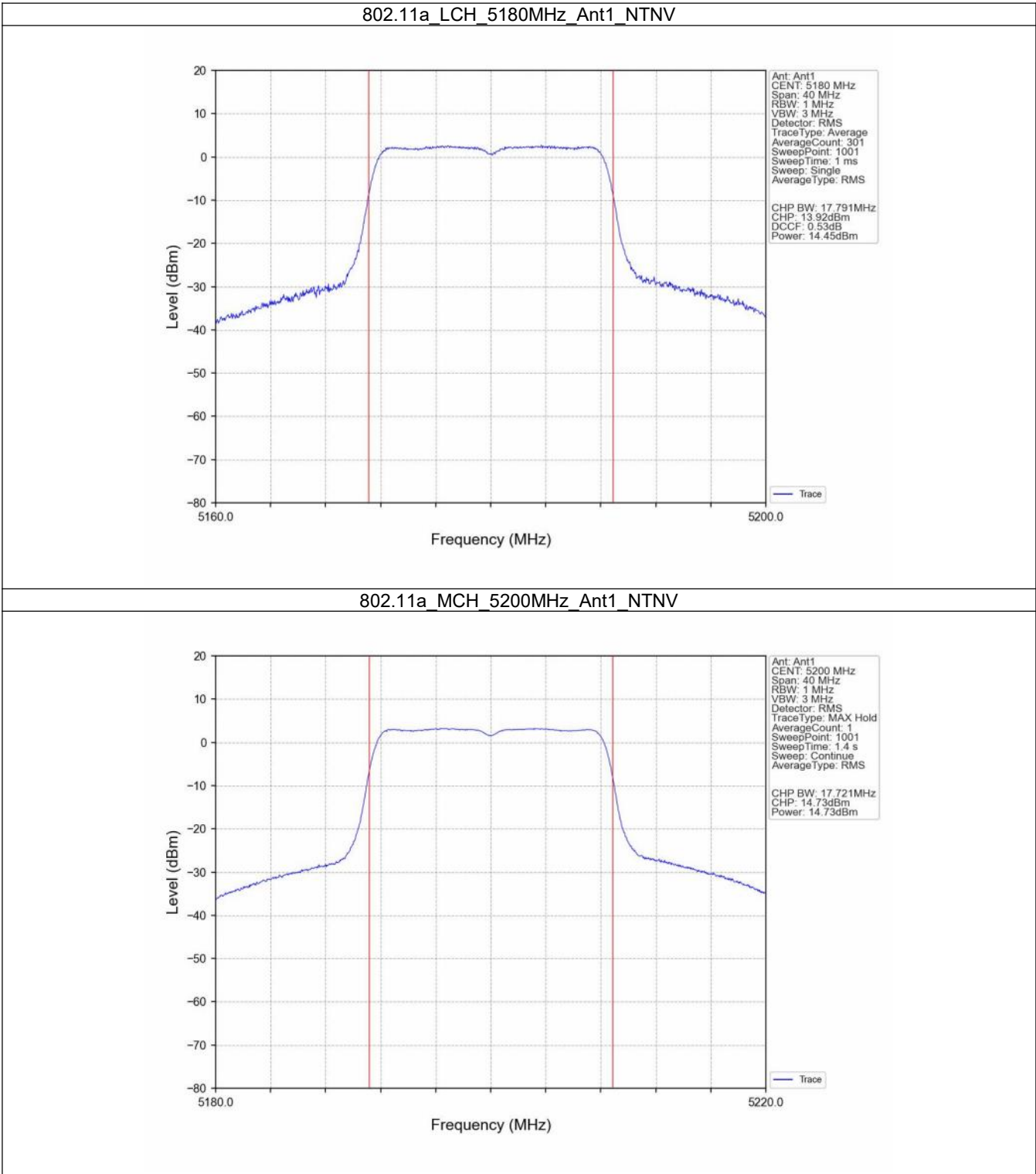
##### 3.1.1 Power

| Mode             | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) |         | Verdict |
|------------------|---------|-----------------|----------------------------------------------|---------|---------|
|                  |         |                 | ANT1                                         | Limit   |         |
| 802.11a          | SISO    | 5180            | 14.45                                        | <=23.98 | Pass    |
|                  |         | 5200            | 14.73                                        | <=23.98 | Pass    |
|                  |         | 5240            | 14.44                                        | <=23.98 | Pass    |
|                  |         | 5260            | 14.75                                        | <=23.98 | Pass    |
|                  |         | 5300            | 14.26                                        | <=23.98 | Pass    |
|                  |         | 5320            | 13.91                                        | <=23.98 | Pass    |
|                  |         | 5500            | 14.52                                        | <=23.98 | Pass    |
|                  |         | 5580            | 14.94                                        | <=23.98 | Pass    |
|                  |         | 5700            | 14.40                                        | <=23.98 | Pass    |
|                  |         | 5745            | 14.85                                        | <=30    | Pass    |
|                  |         | 5785            | 14.44                                        | <=30    | Pass    |
|                  |         | 5825            | 14.66                                        | <=30    | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | 14.46                                        | <=23.98 | Pass    |
|                  |         | 5200            | 14.98                                        | <=23.98 | Pass    |
|                  |         | 5240            | 14.48                                        | <=23.98 | Pass    |
|                  |         | 5260            | 14.83                                        | <=23.98 | Pass    |
|                  |         | 5300            | 14.42                                        | <=23.98 | Pass    |
|                  |         | 5320            | 14.13                                        | <=23.98 | Pass    |
|                  |         | 5500            | 14.78                                        | <=23.98 | Pass    |
|                  |         | 5580            | 15.23                                        | <=23.98 | Pass    |
|                  |         | 5700            | 14.72                                        | <=23.98 | Pass    |
|                  |         | 5745            | 15.12                                        | <=30    | Pass    |
|                  |         | 5785            | 14.52                                        | <=30    | Pass    |
|                  |         | 5825            | 14.50                                        | <=30    | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | 14.82                                        | <=23.98 | Pass    |
|                  |         | 5230            | 14.64                                        | <=23.98 | Pass    |
|                  |         | 5270            | 14.53                                        | <=23.98 | Pass    |
|                  |         | 5310            | 14.02                                        | <=23.98 | Pass    |
|                  |         | 5510            | 14.68                                        | <=23.98 | Pass    |
|                  |         | 5550            | 13.66                                        | <=23.98 | Pass    |
|                  |         | 5670            | 15.24                                        | <=23.98 | Pass    |
|                  |         | 5755            | 15.12                                        | <=30    | Pass    |
| 802.11ac (VHT20) | SISO    | 5795            | 14.74                                        | <=30    | Pass    |
|                  |         | 5180            | 14.48                                        | <=23.98 | Pass    |
|                  |         | 5200            | 14.65                                        | <=23.98 | Pass    |
|                  |         | 5240            | 14.33                                        | <=23.98 | Pass    |
|                  |         | 5260            | 14.94                                        | <=23.98 | Pass    |
|                  |         | 5300            | 14.34                                        | <=23.98 | Pass    |
|                  |         | 5320            | 14.40                                        | <=23.98 | Pass    |
|                  |         | 5500            | 14.85                                        | <=23.98 | Pass    |
|                  |         | 5580            | 15.30                                        | <=23.98 | Pass    |
|                  |         | 5700            | 15.10                                        | <=23.98 | Pass    |
|                  |         | 5745            | 14.46                                        | <=30    | Pass    |
|                  |         | 5785            | 14.40                                        | <=30    | Pass    |
| 802.11ac (VHT40) | SISO    | 5825            | 14.21                                        | <=30    | Pass    |
|                  |         | 5190            | 14.73                                        | <=23.98 | Pass    |
|                  |         | 5230            | 14.61                                        | <=23.98 | Pass    |

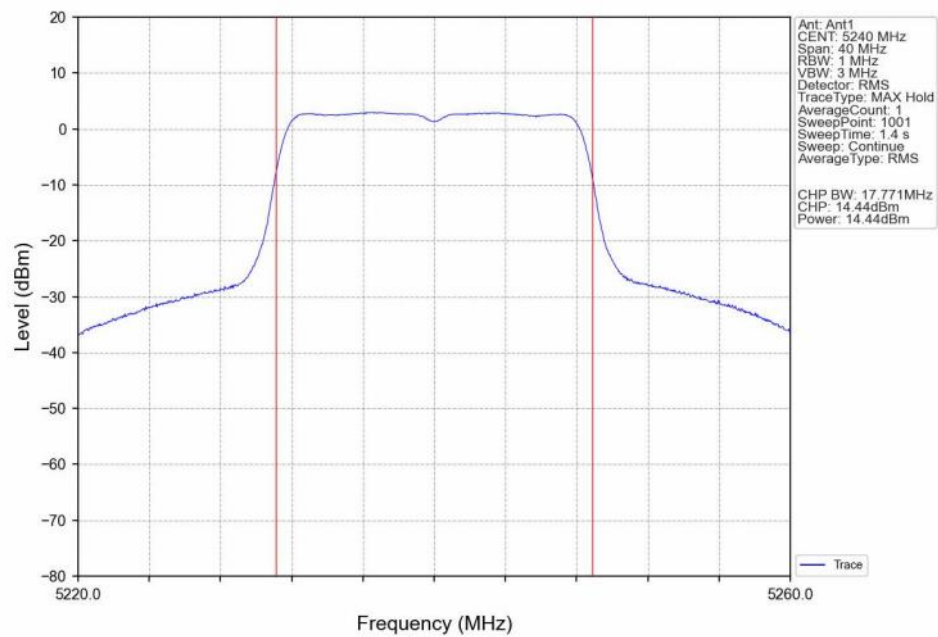
|                                     |      |      |       |         |      |
|-------------------------------------|------|------|-------|---------|------|
|                                     |      | 5270 | 15.01 | <=23.98 | Pass |
|                                     |      | 5310 | 14.47 | <=23.98 | Pass |
|                                     |      | 5510 | 14.71 | <=23.98 | Pass |
|                                     |      | 5550 | 14.67 | <=23.98 | Pass |
|                                     |      | 5670 | 15.19 | <=23.98 | Pass |
|                                     |      | 5755 | 14.95 | <=30    | Pass |
|                                     |      | 5795 | 14.68 | <=30    | Pass |
| 802.11ac<br>(VHT80)                 | SISO | 5210 | 14.63 | <=23.98 | Pass |
|                                     |      | 5290 | 14.45 | <=23.98 | Pass |
|                                     |      | 5530 | 14.99 | <=23.98 | Pass |
|                                     |      | 5610 | 15.36 | <=23.98 | Pass |
|                                     |      | 5775 | 14.73 | <=30    | Pass |
| Note1: Antenna Gain: Ant1: 0.46dBi; |      |      |       |         |      |

3.2 Test Graph

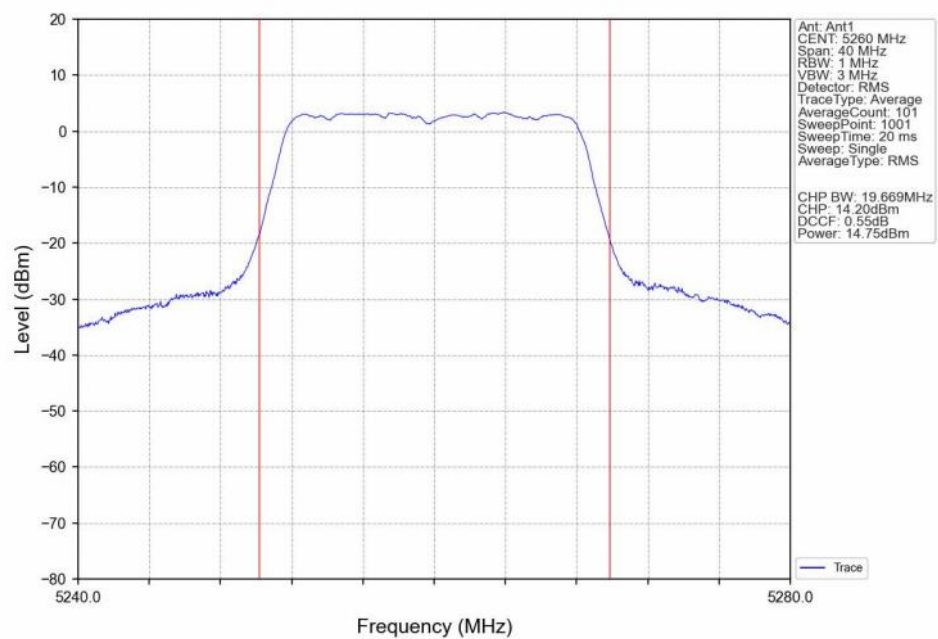
3.2.1 Power



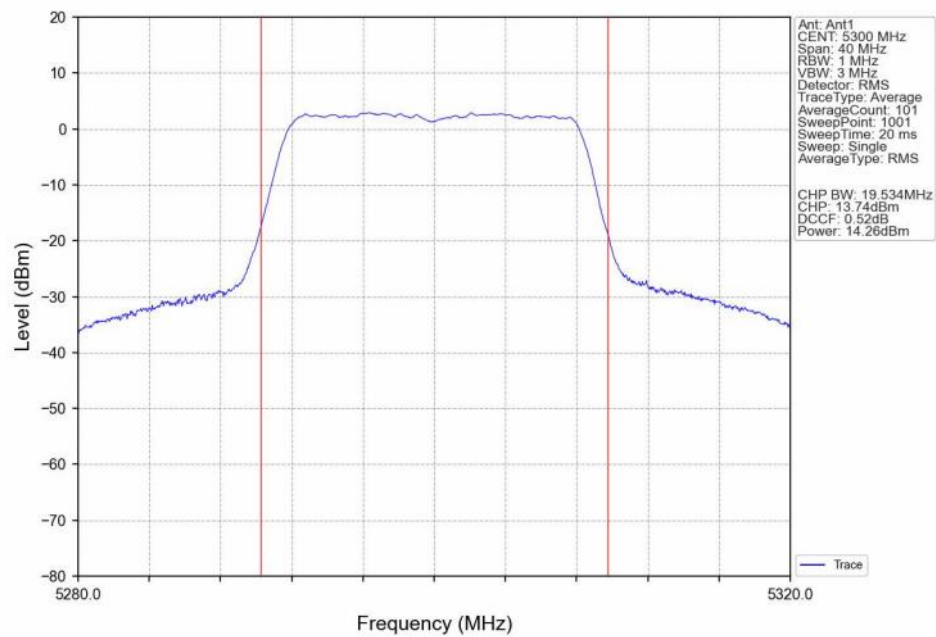
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



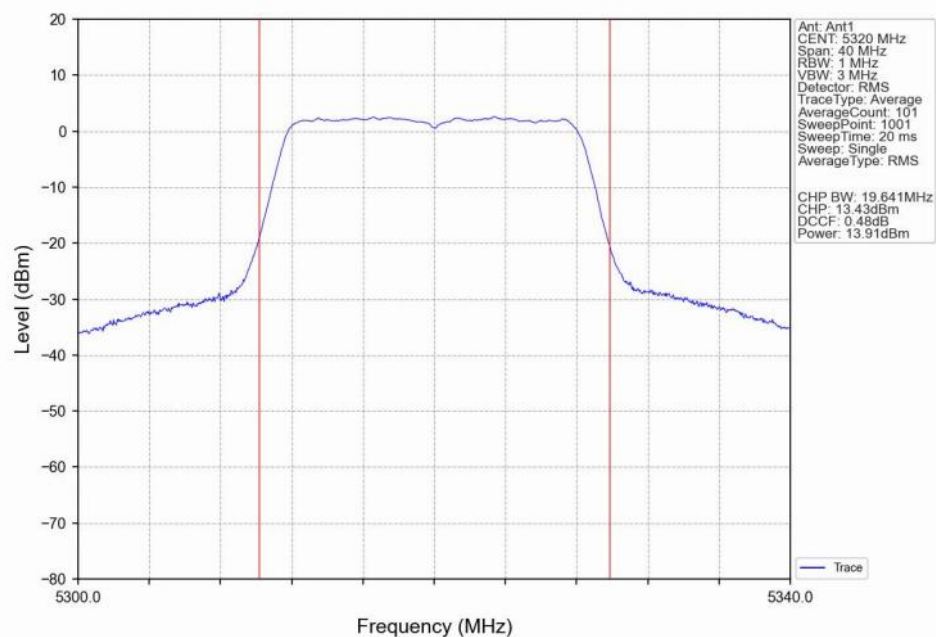
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



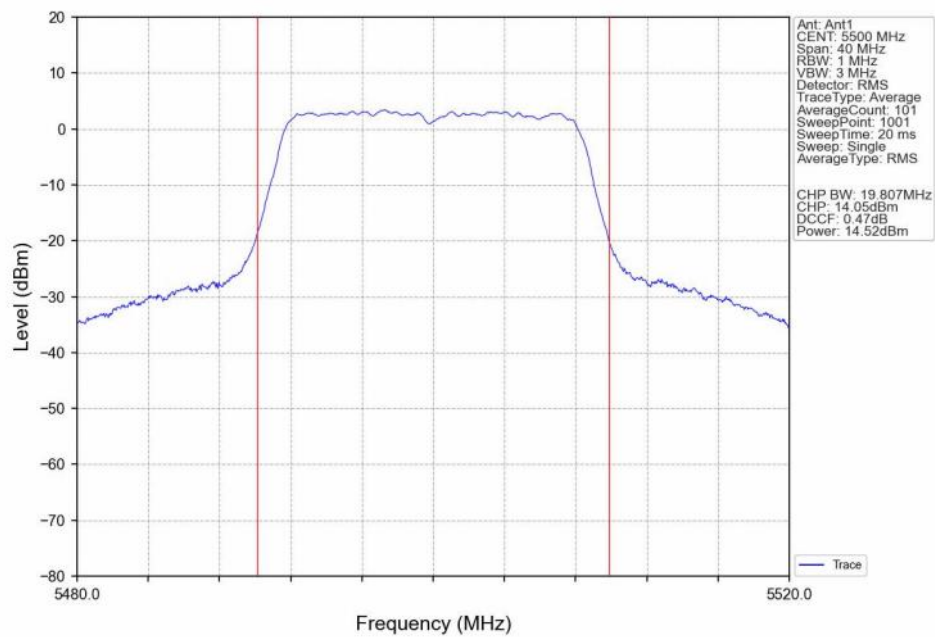
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



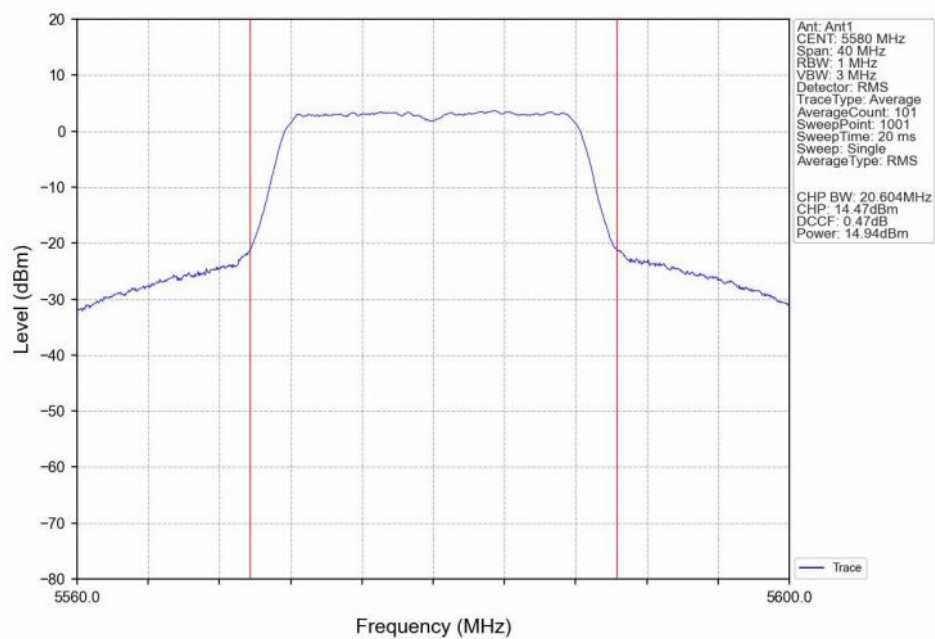
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



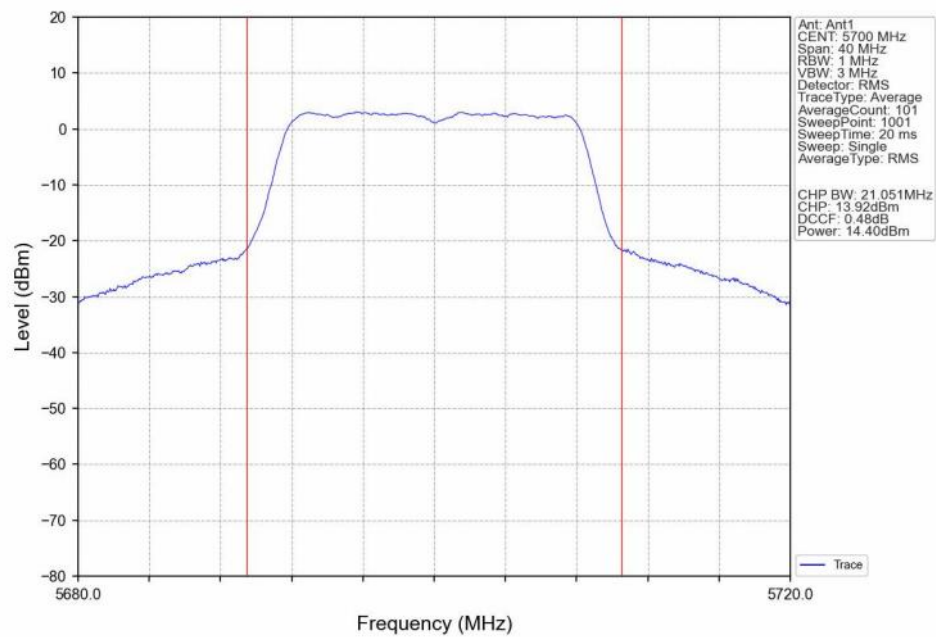
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



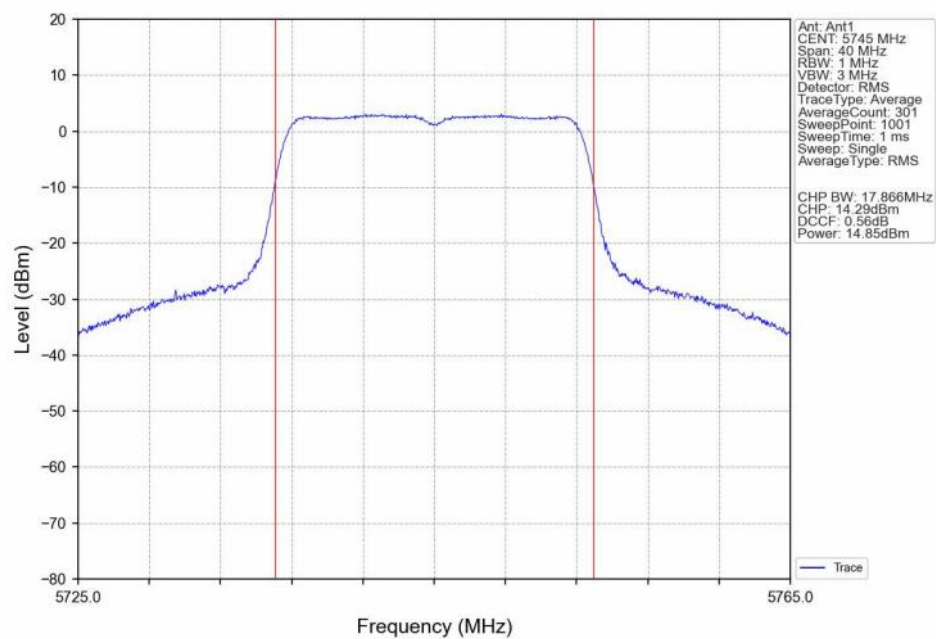
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



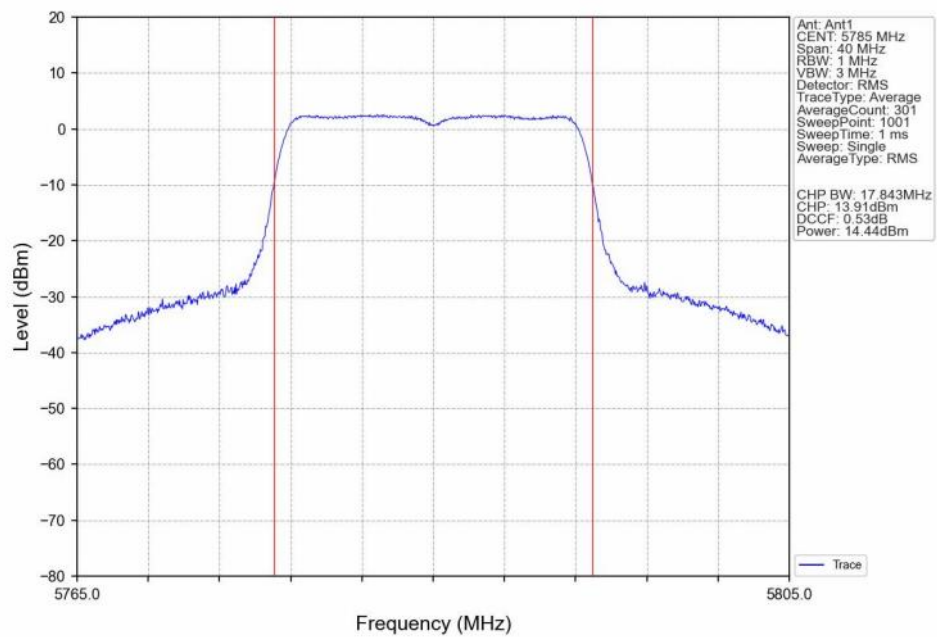
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



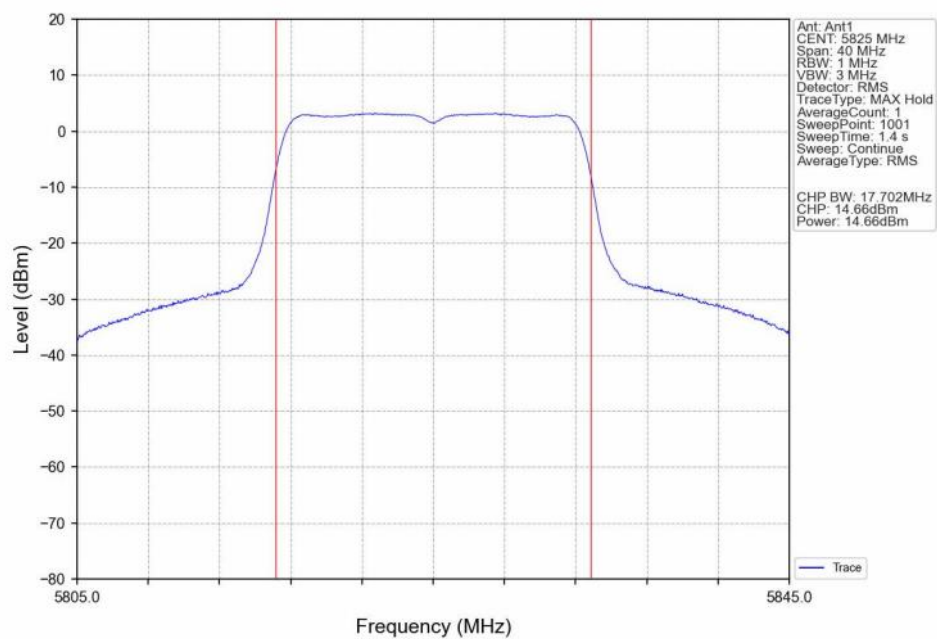
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



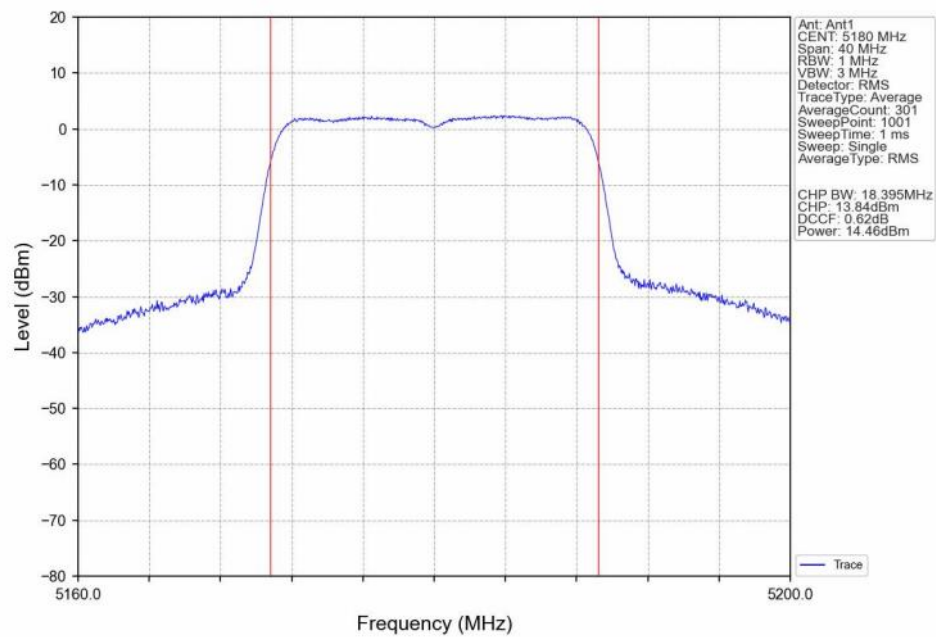
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



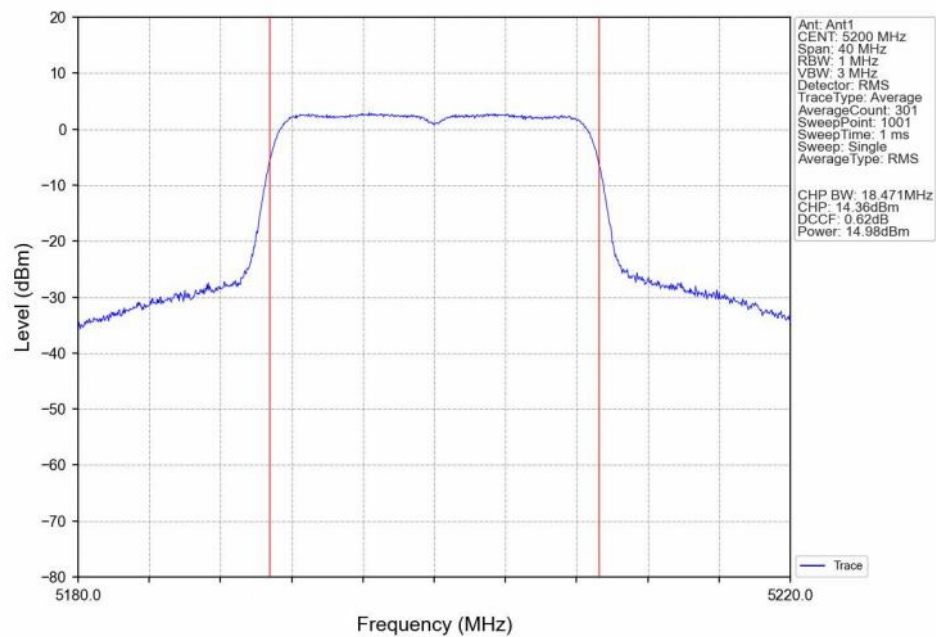
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



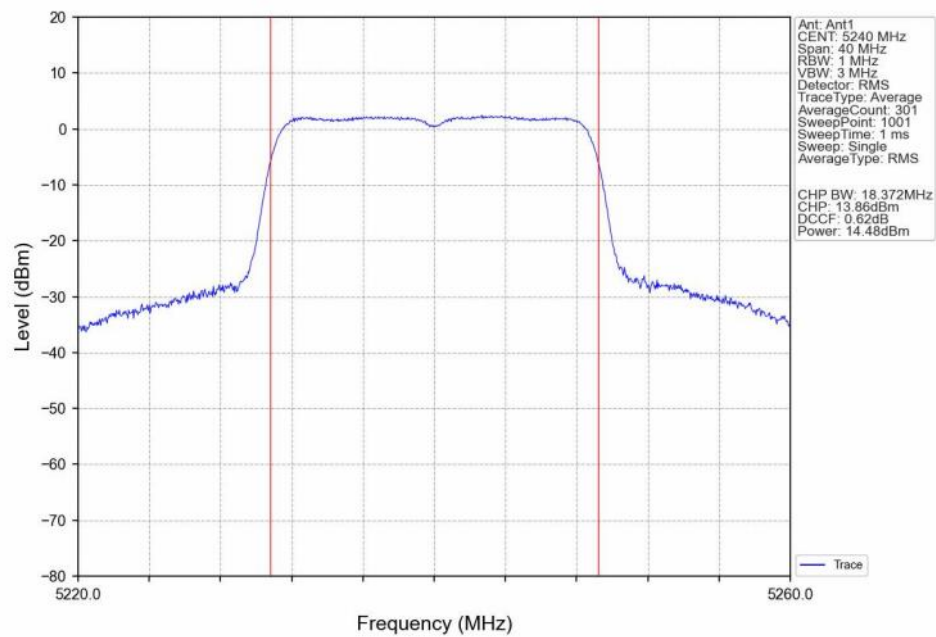
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



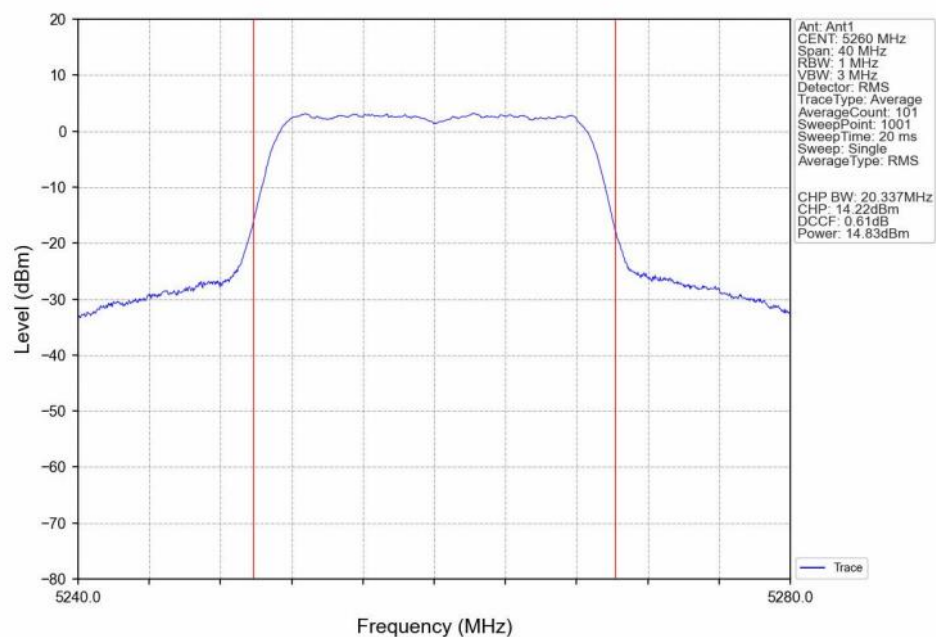
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



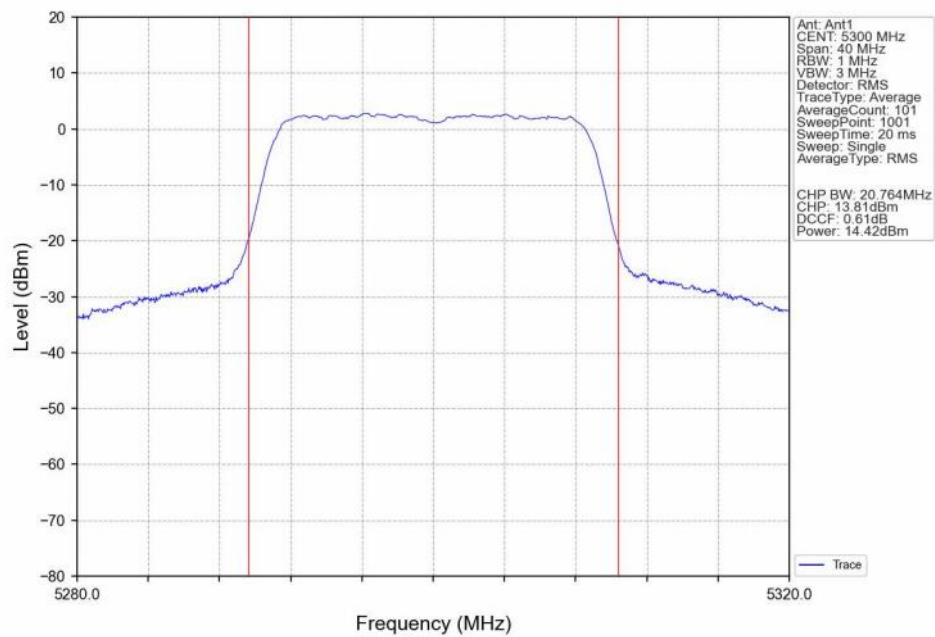
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



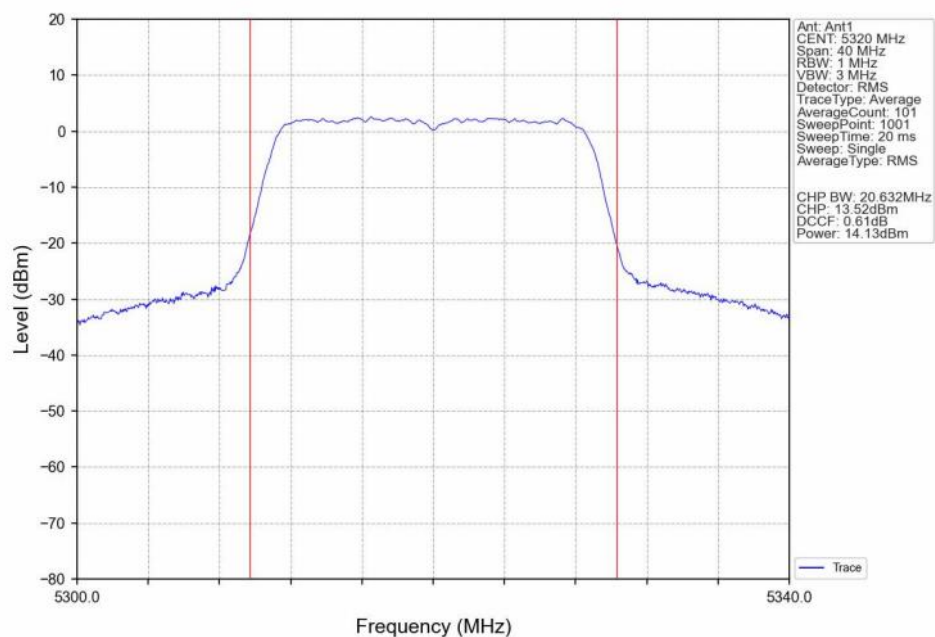
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



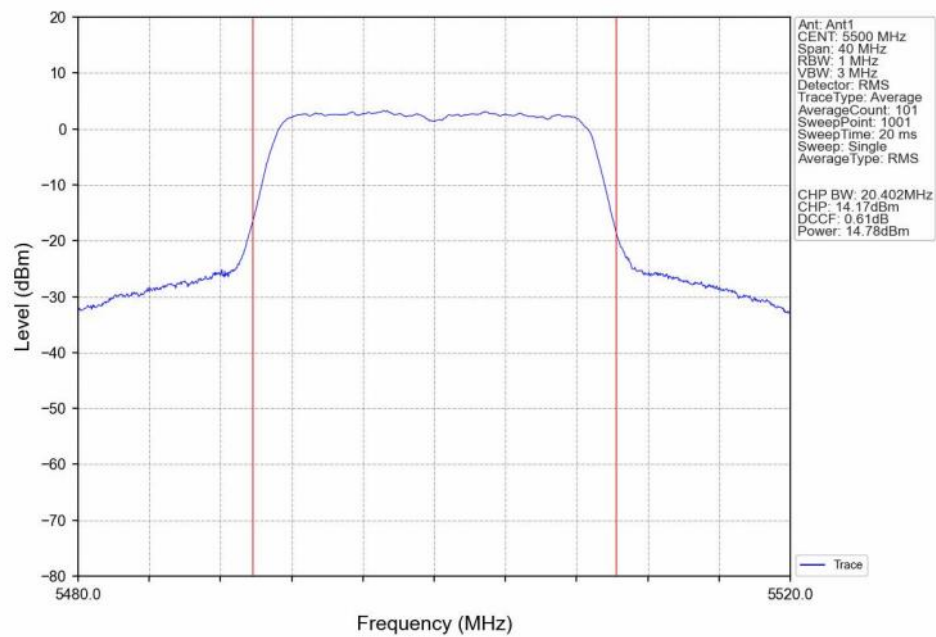
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



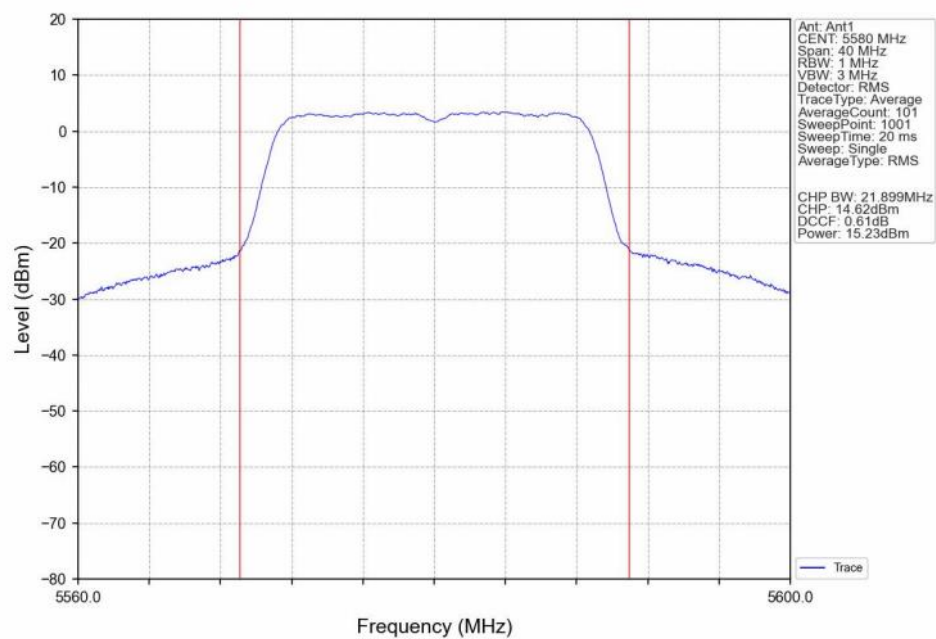
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



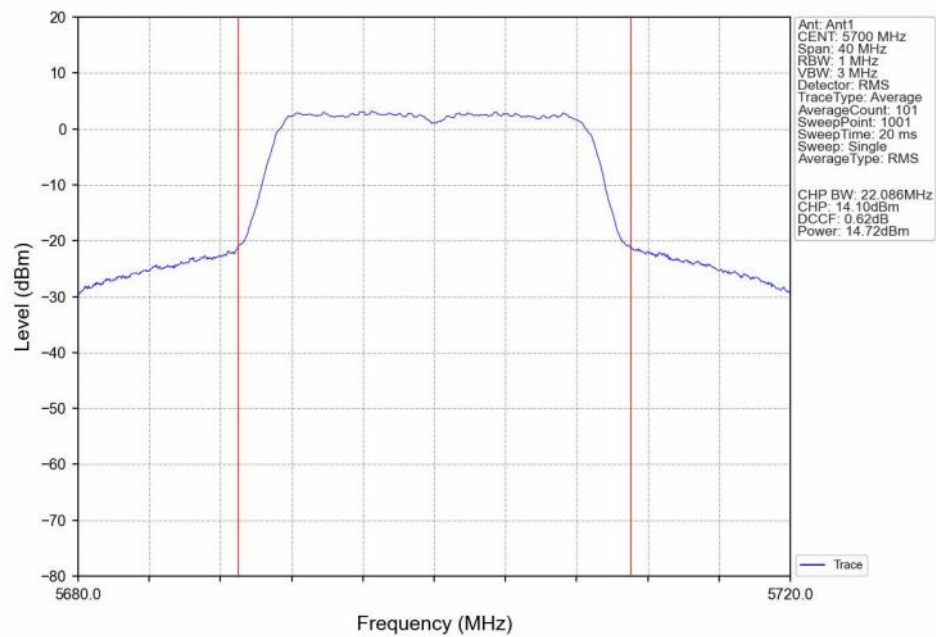
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



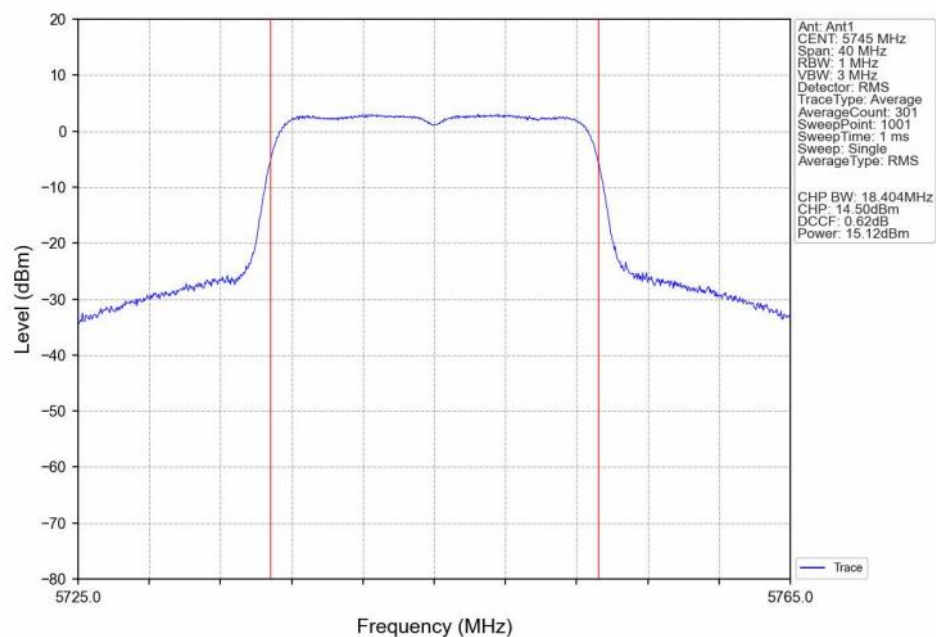
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



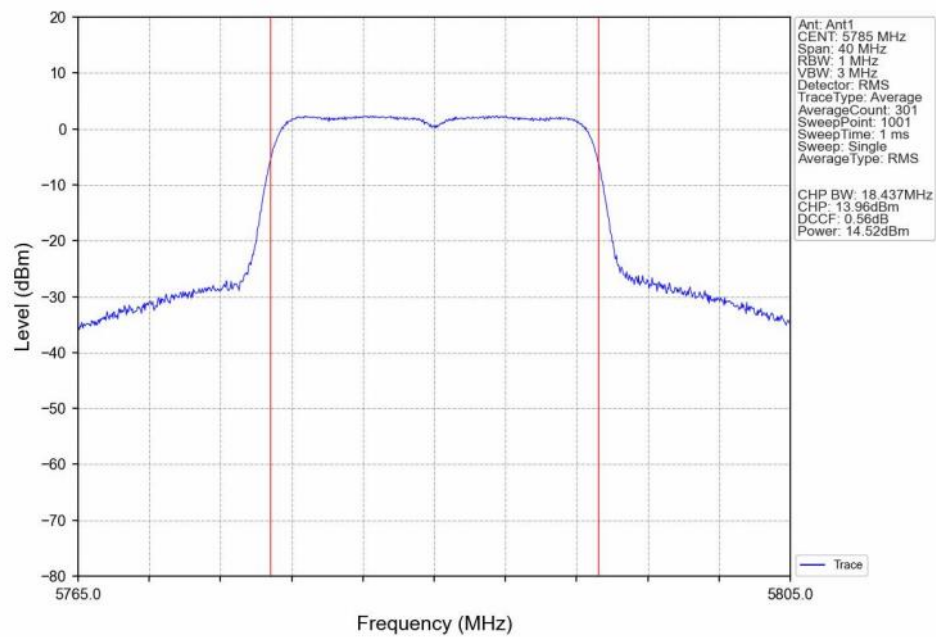
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



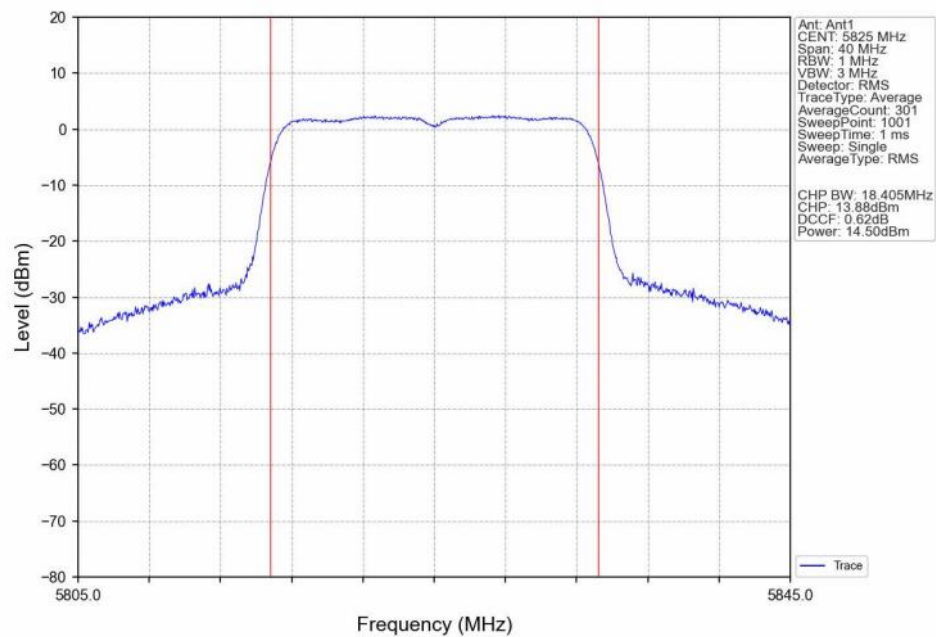
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



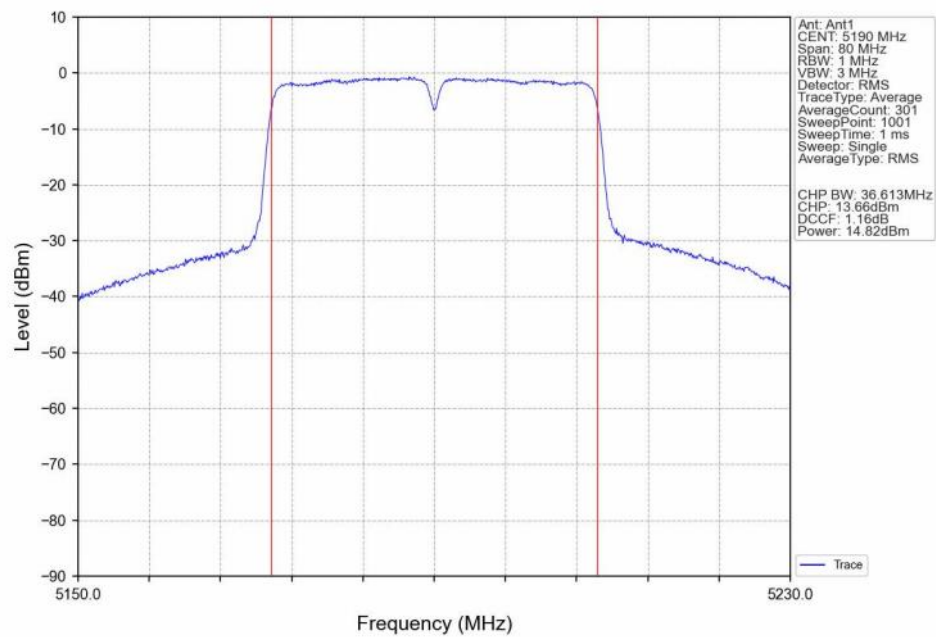
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



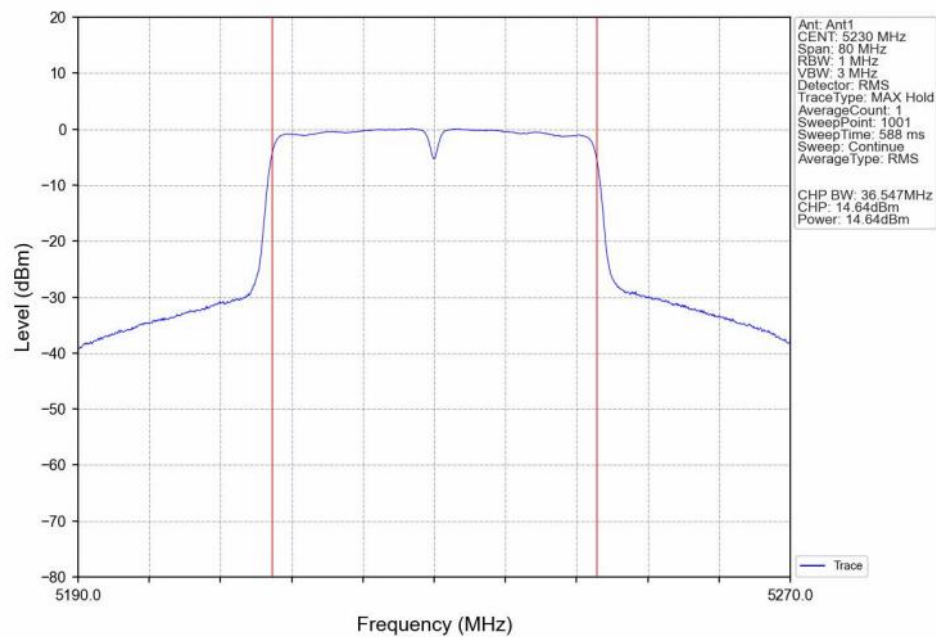
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



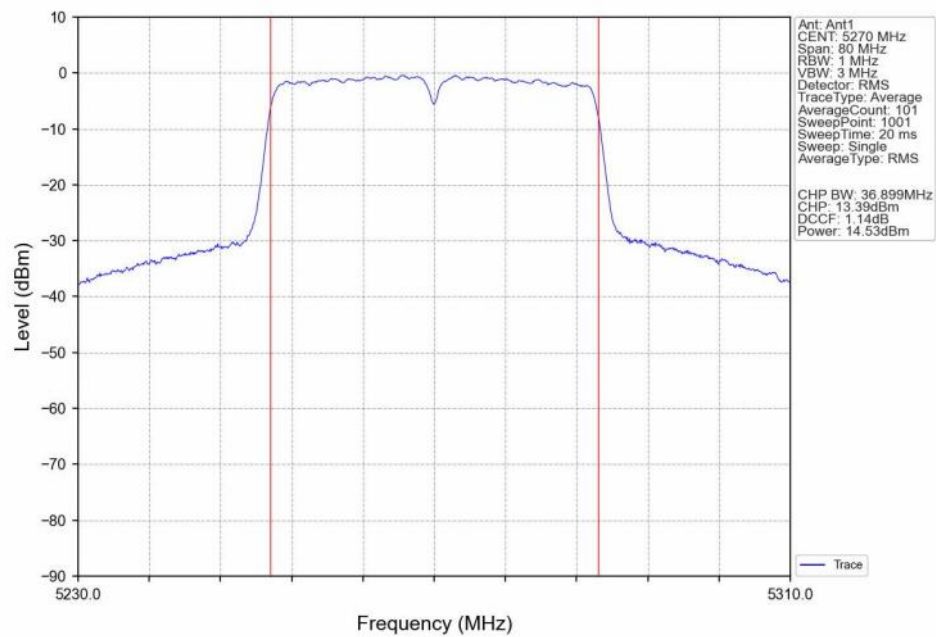
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



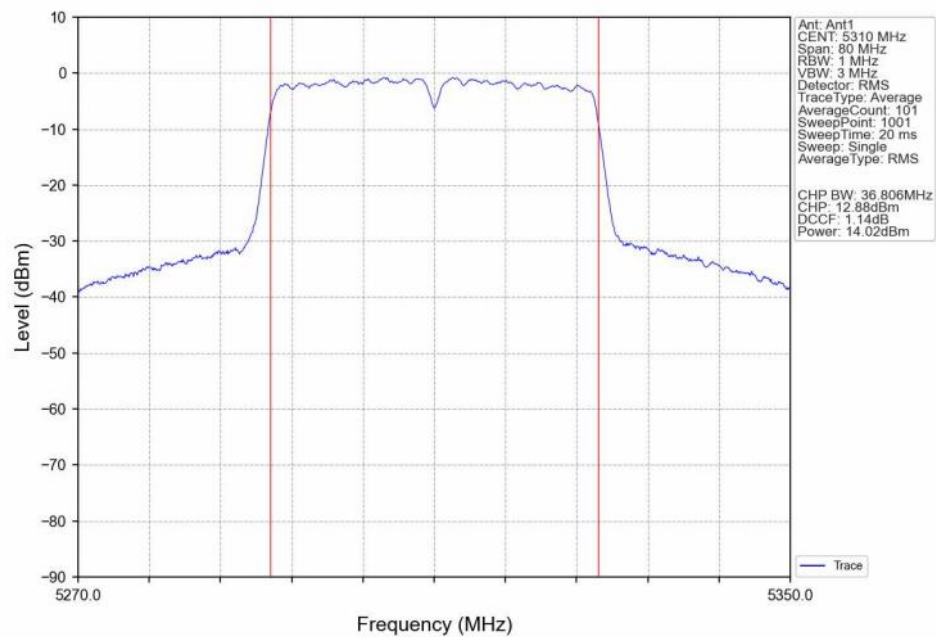
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



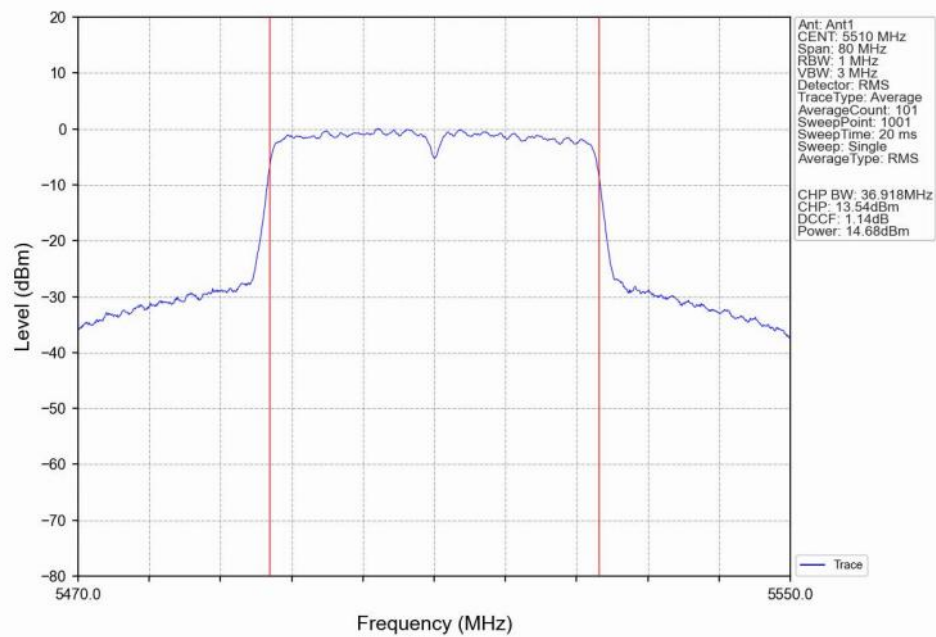
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



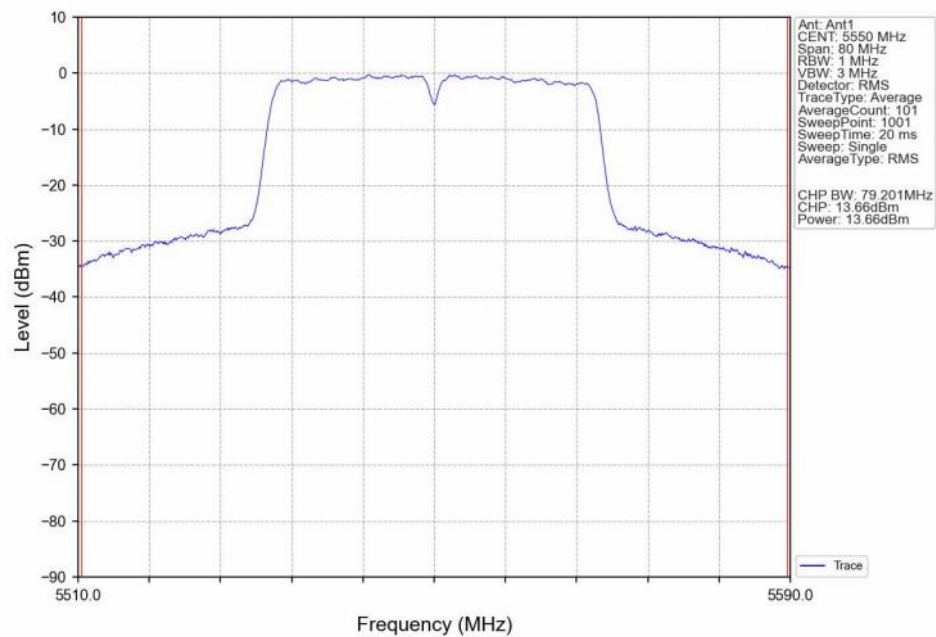
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



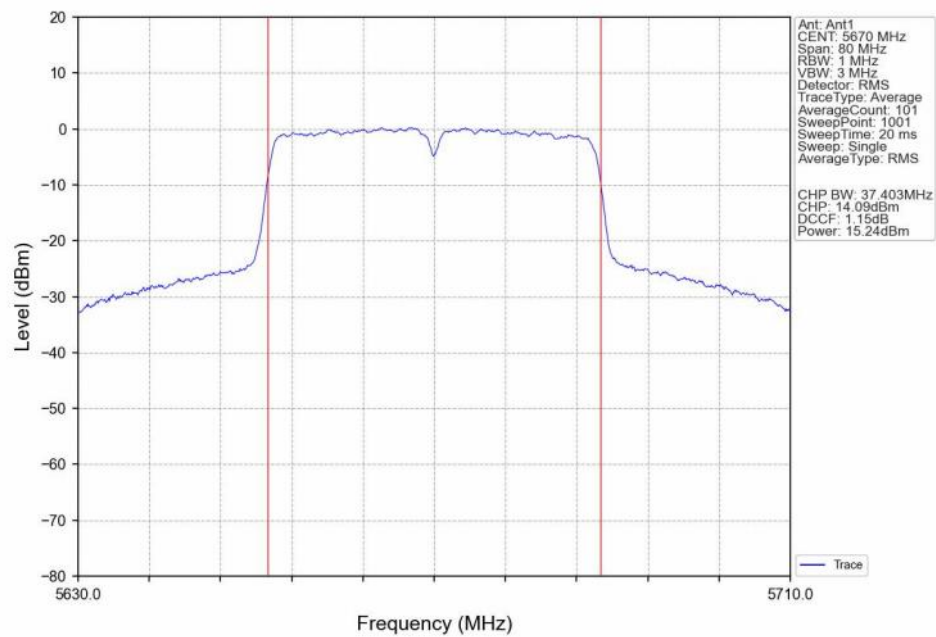
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



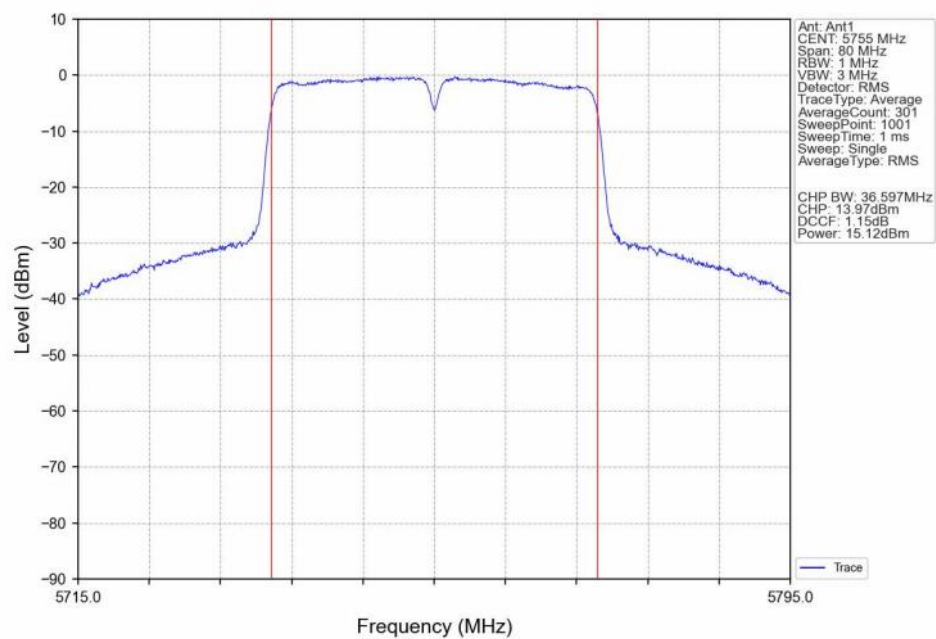
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



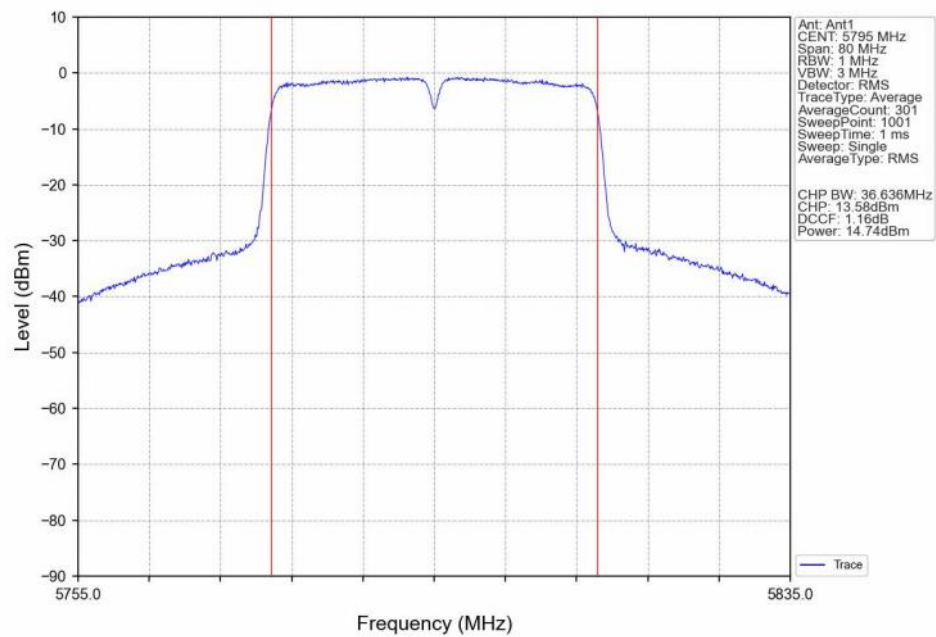
802.11n(HT40)\_HCH\_5670MHz\_Ant1\_NTNV



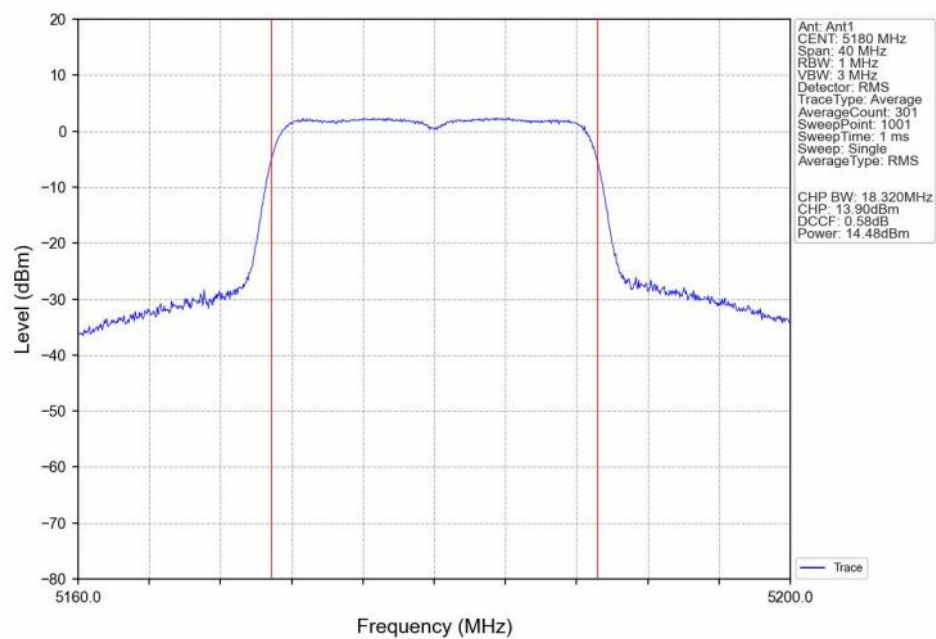
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



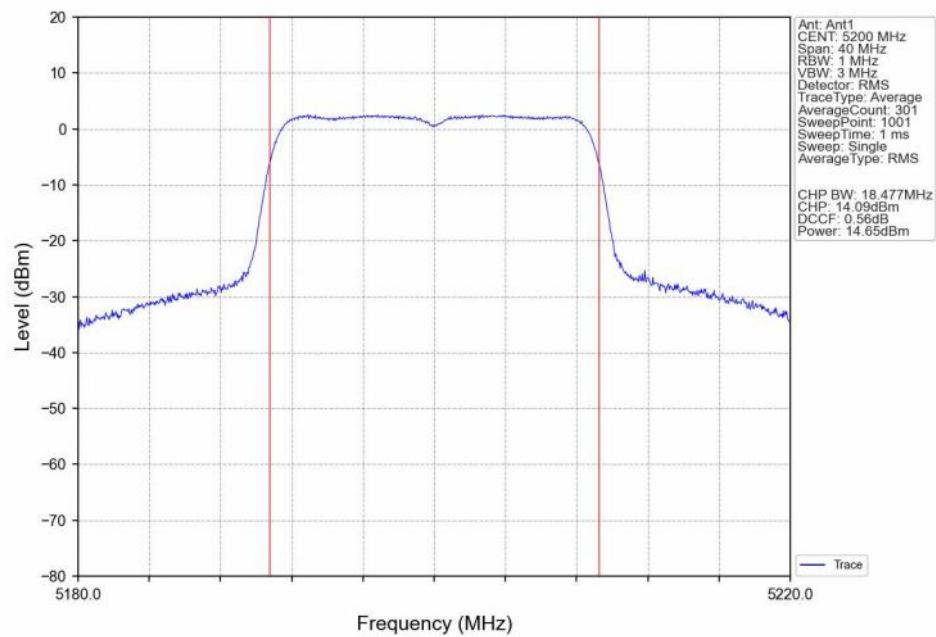
802.11n(HT40) HCH 5795MHz\_Ant1\_NTNV



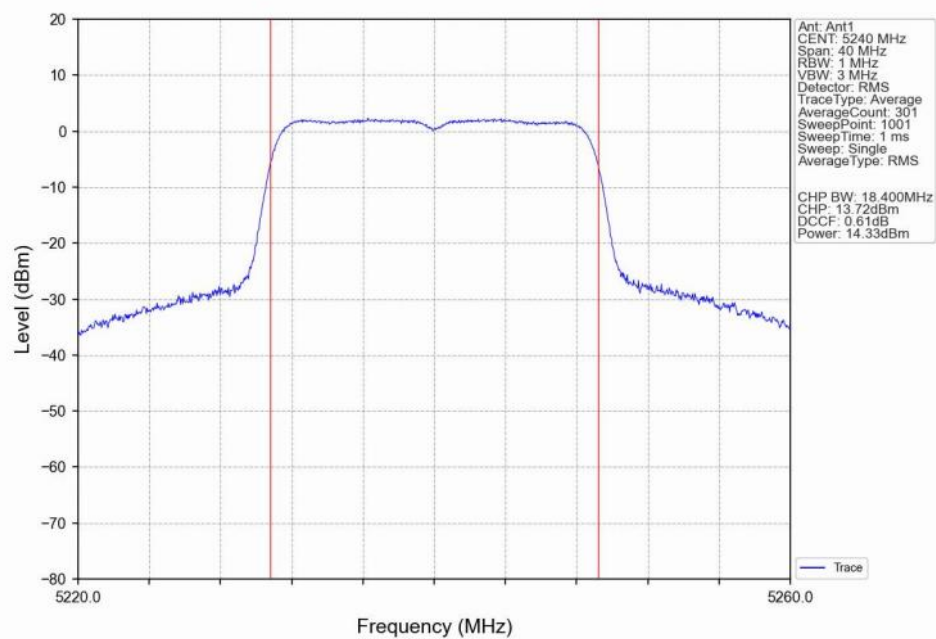
802.11ac(VHT20) LCH 5180MHz\_Ant1\_NTNV



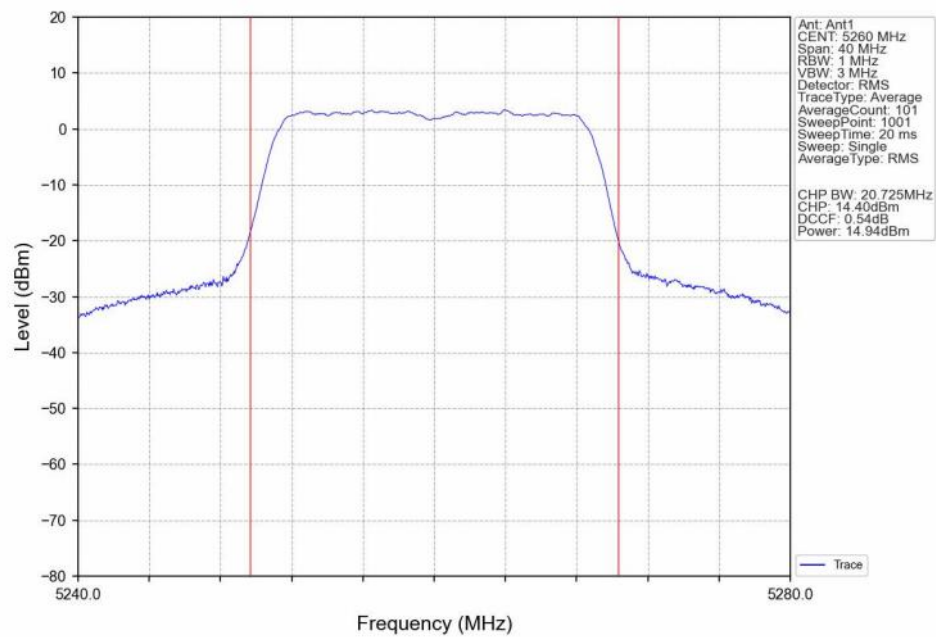
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



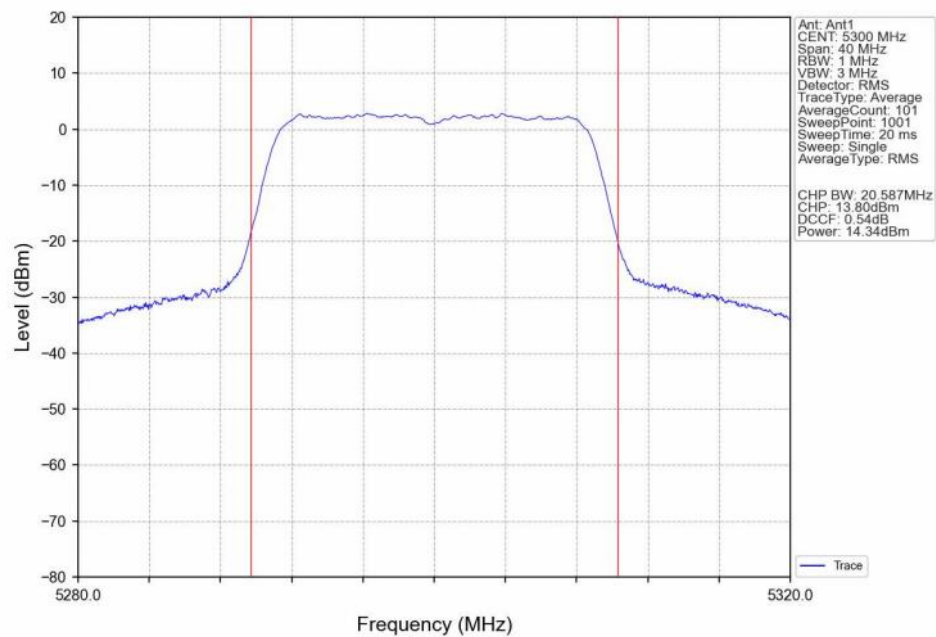
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



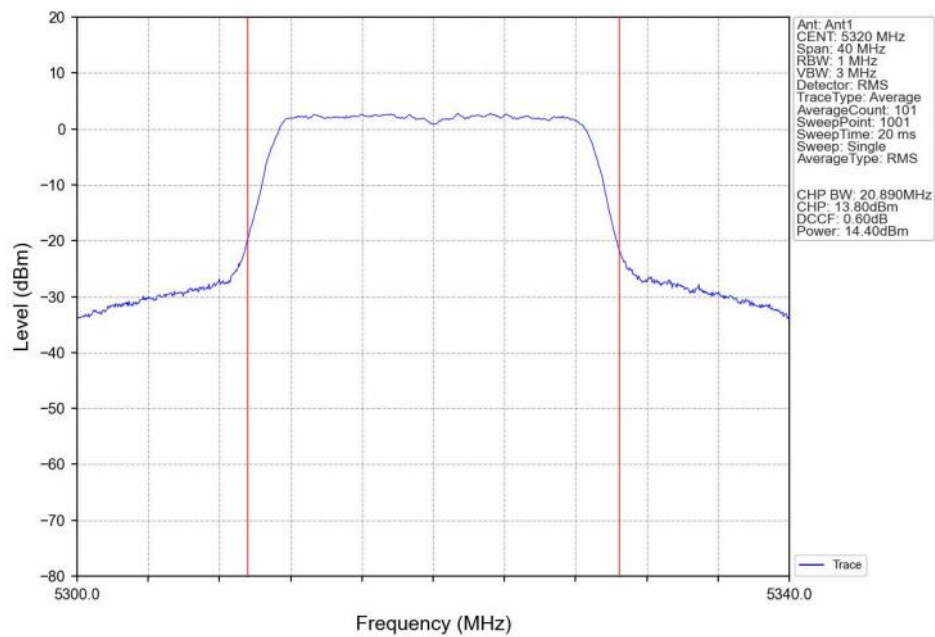
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



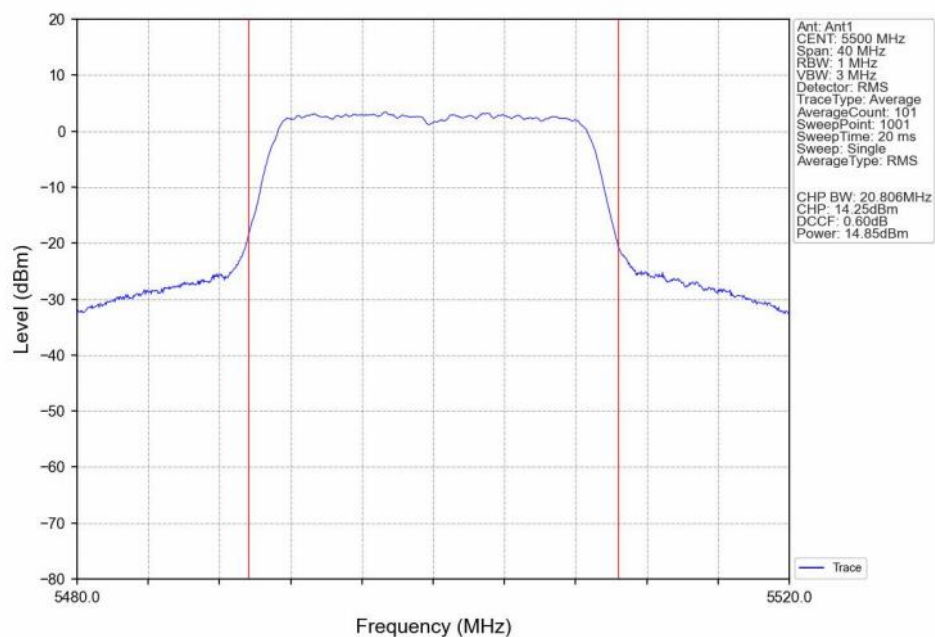
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



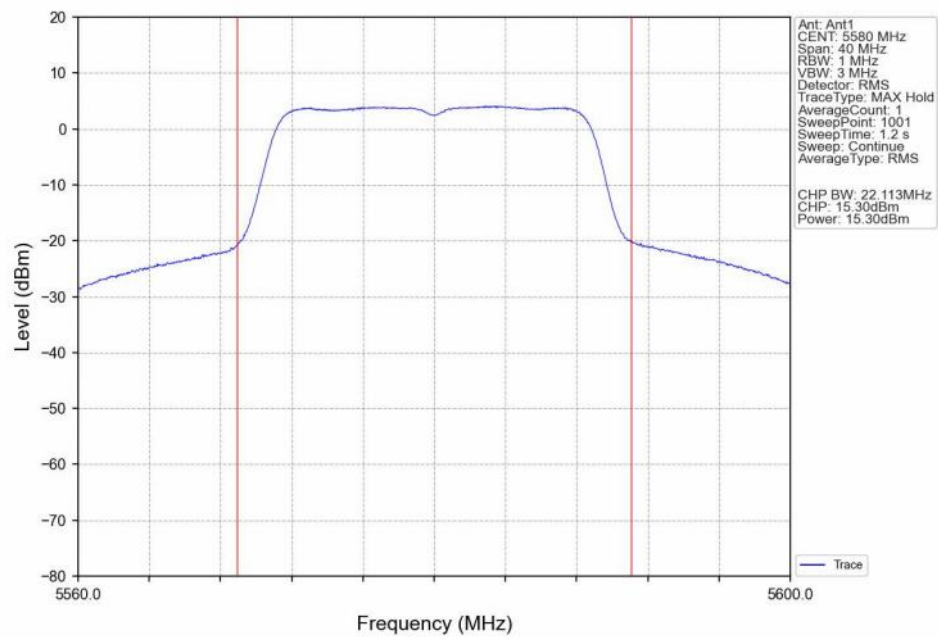
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



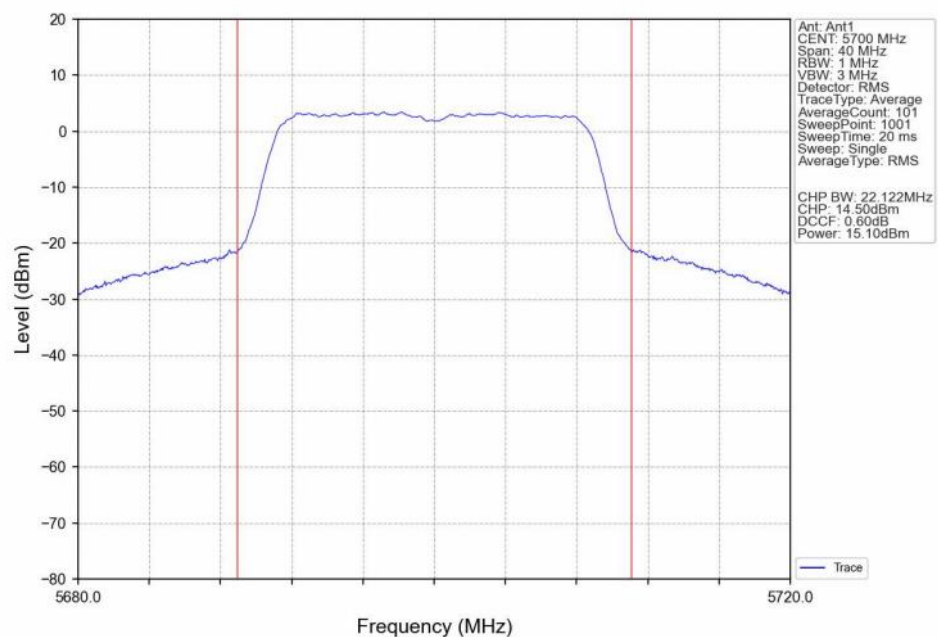
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



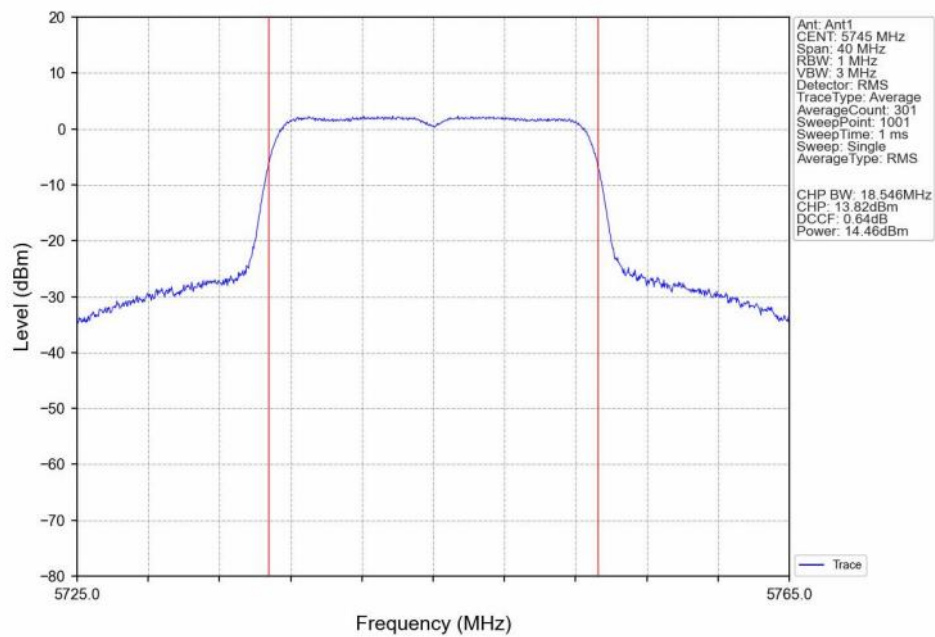
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



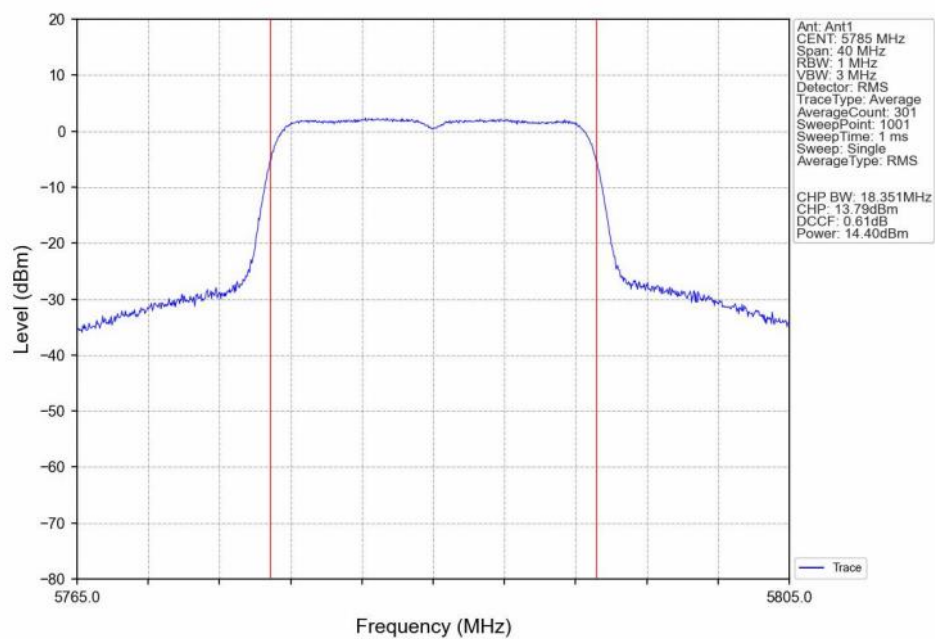
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



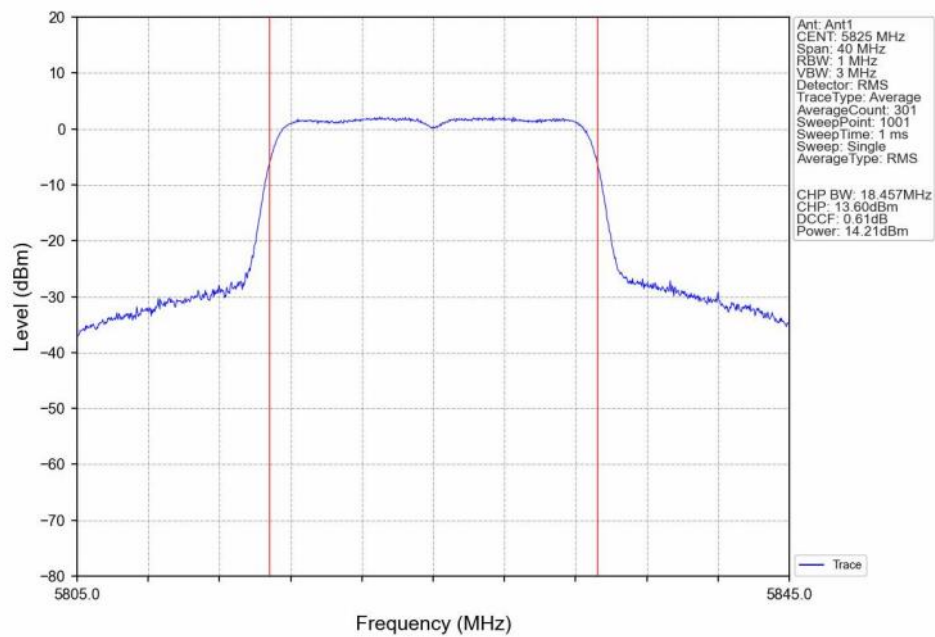
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



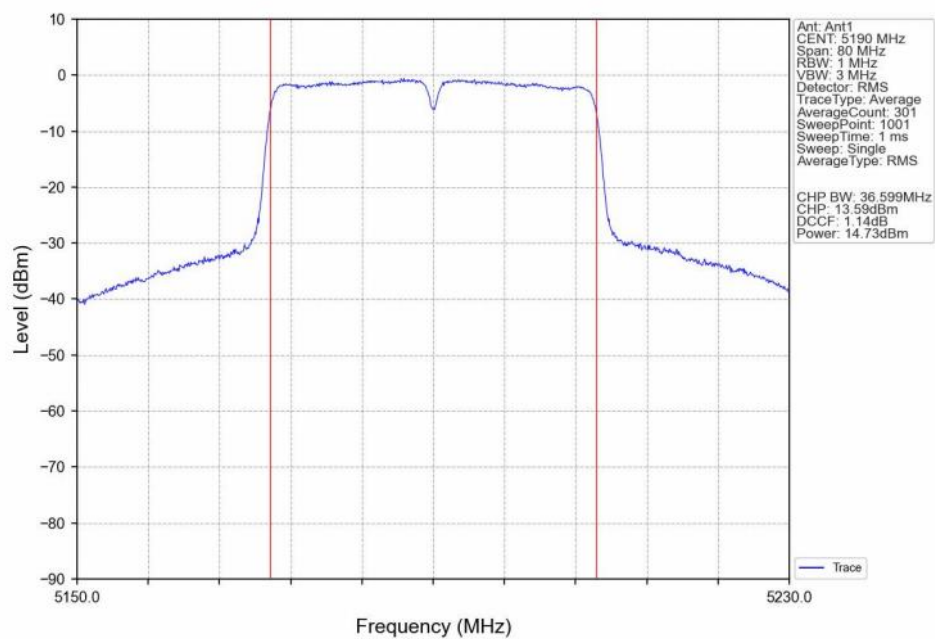
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



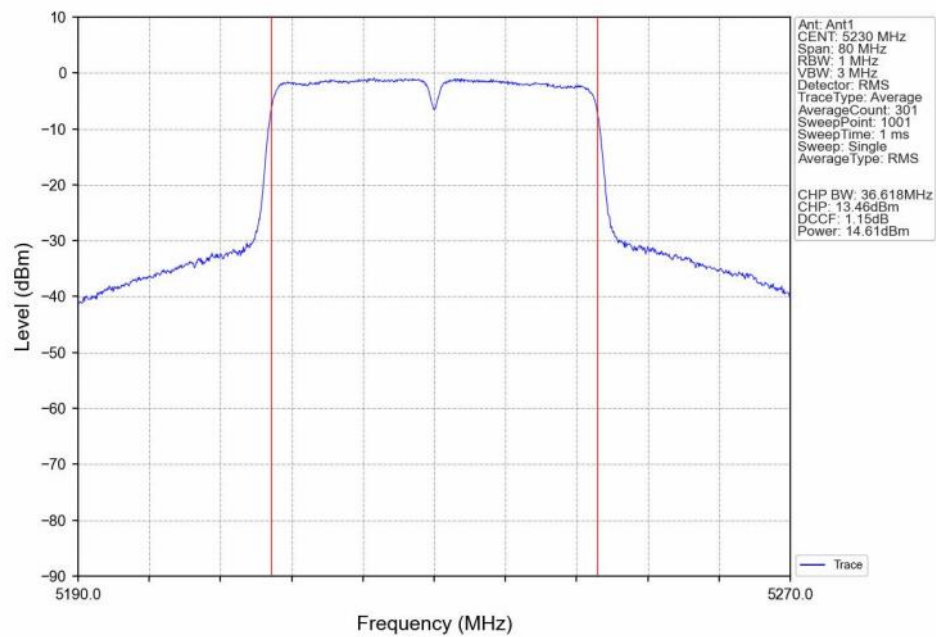
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



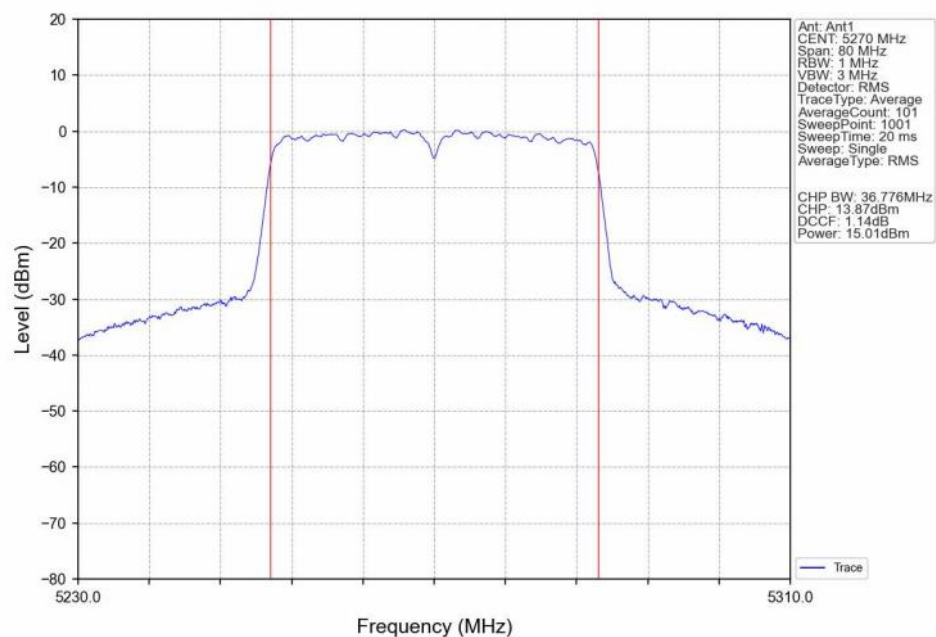
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



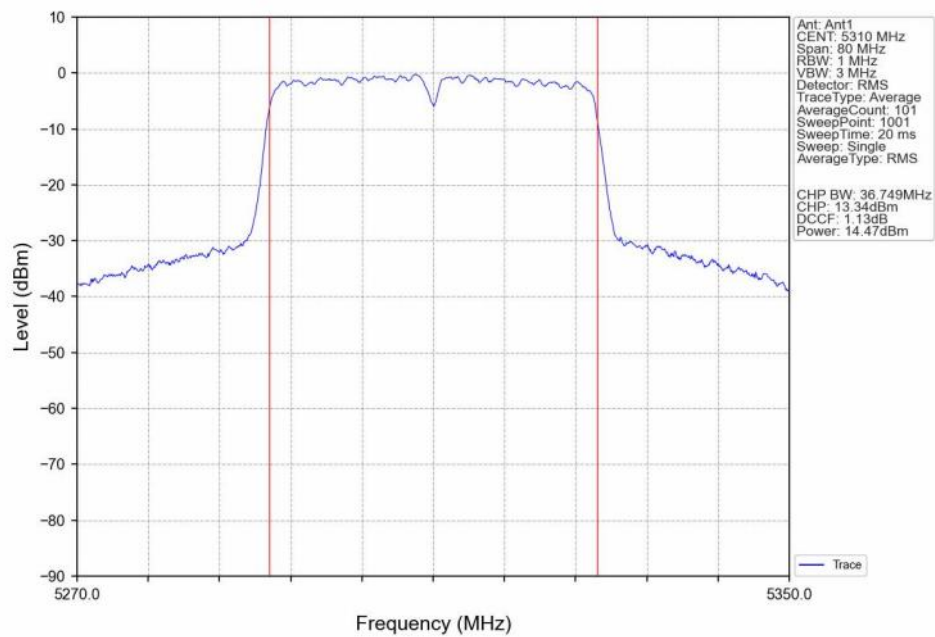
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



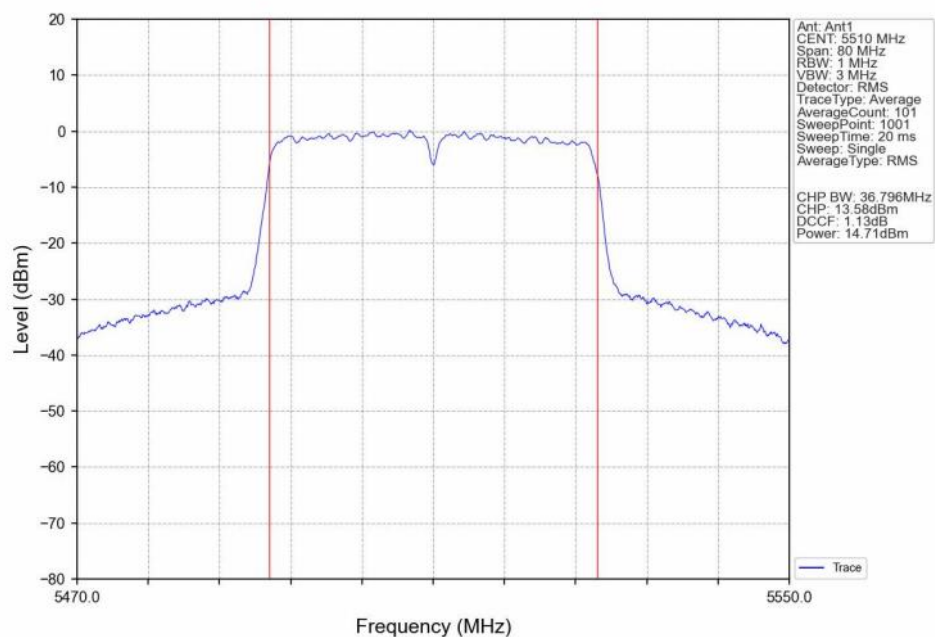
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



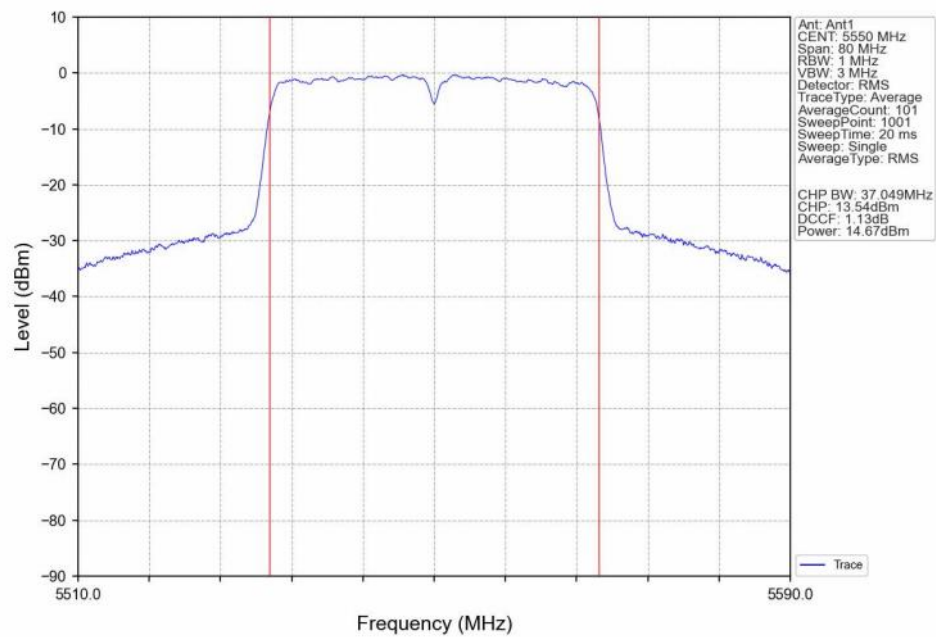
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



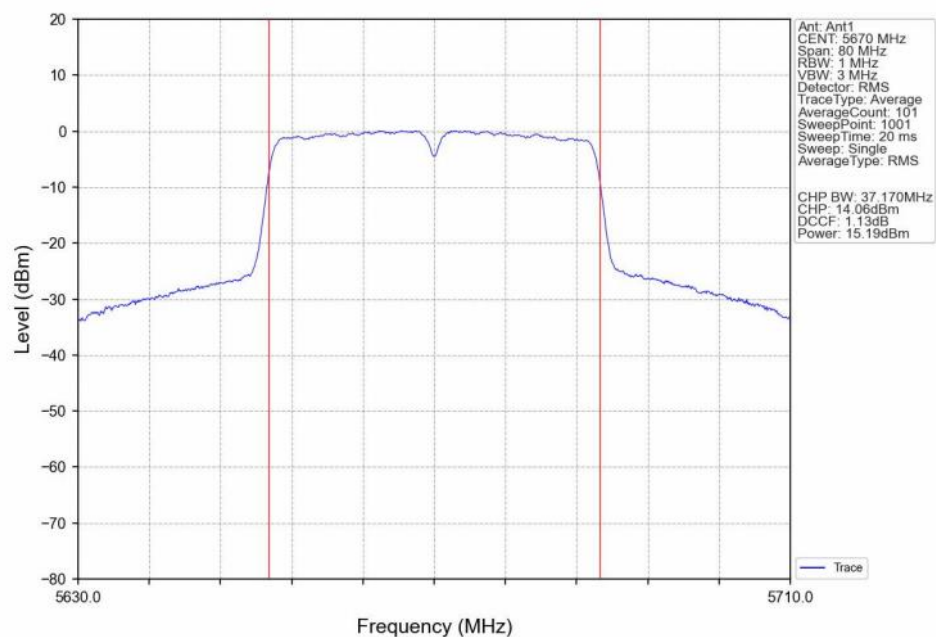
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



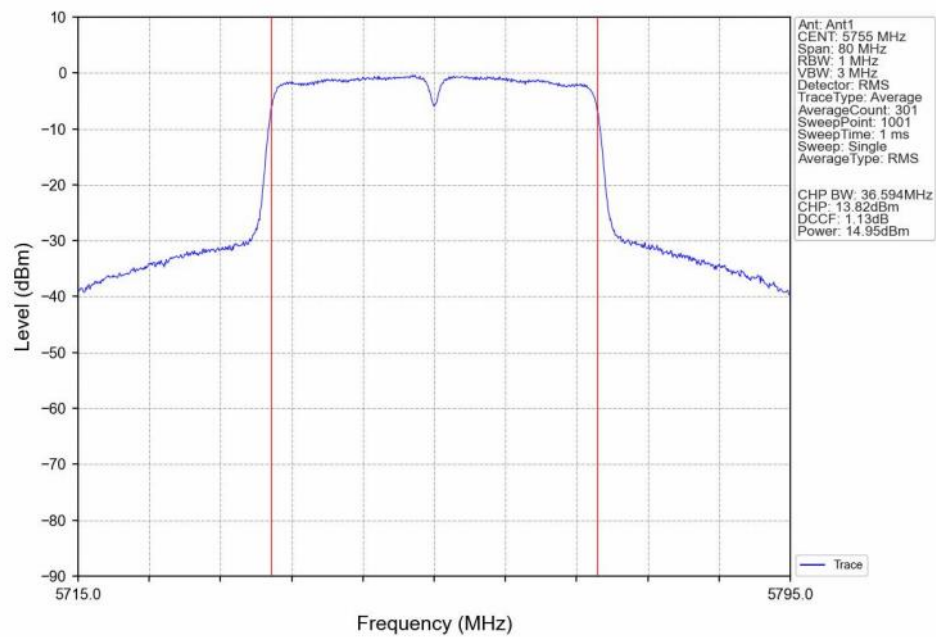
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



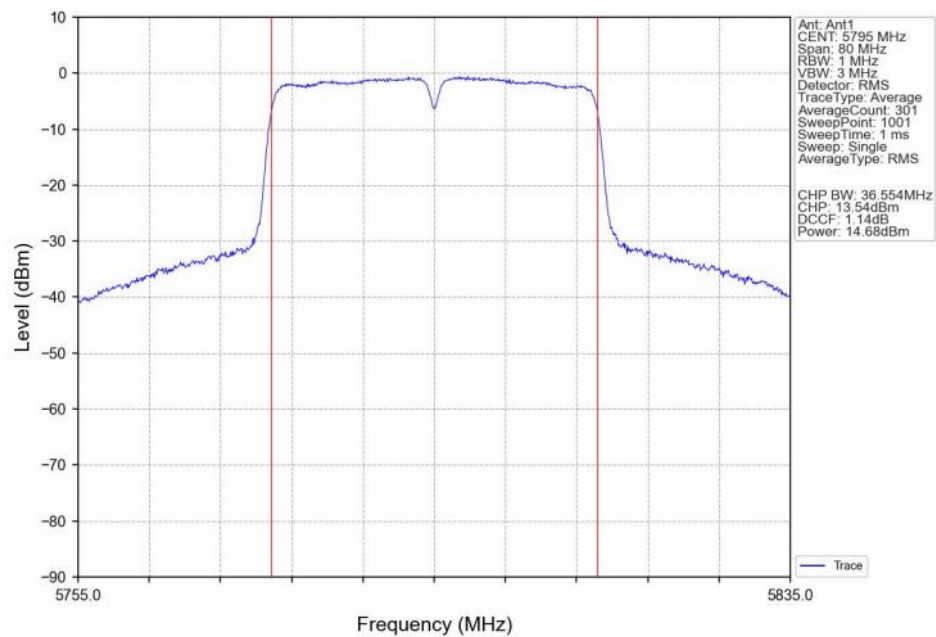
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



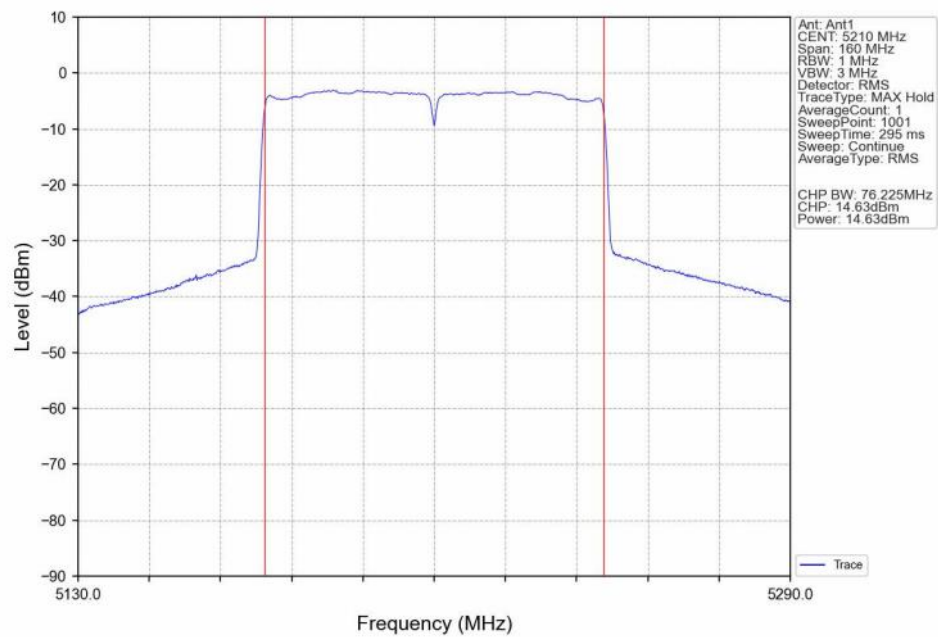
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



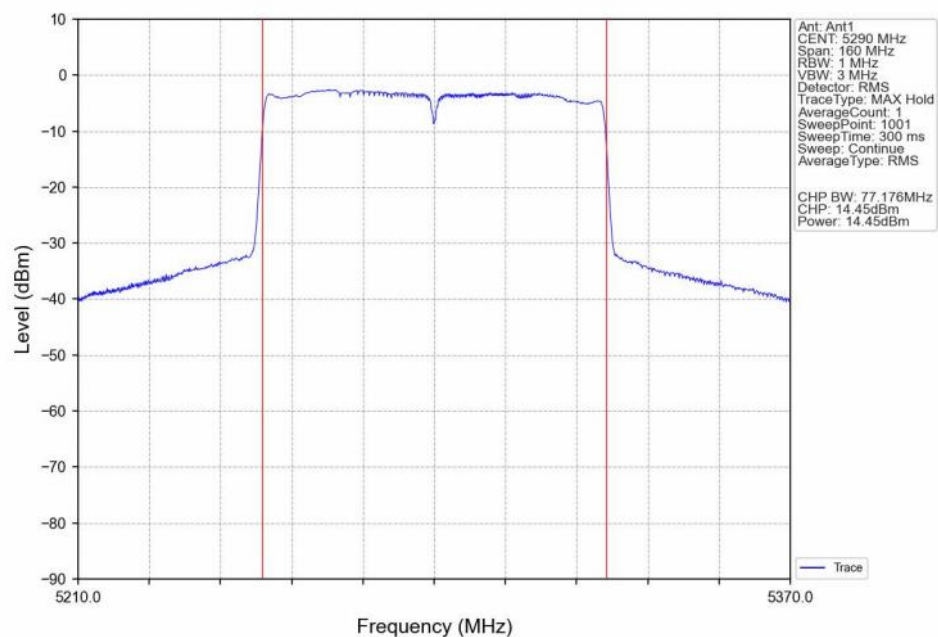
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



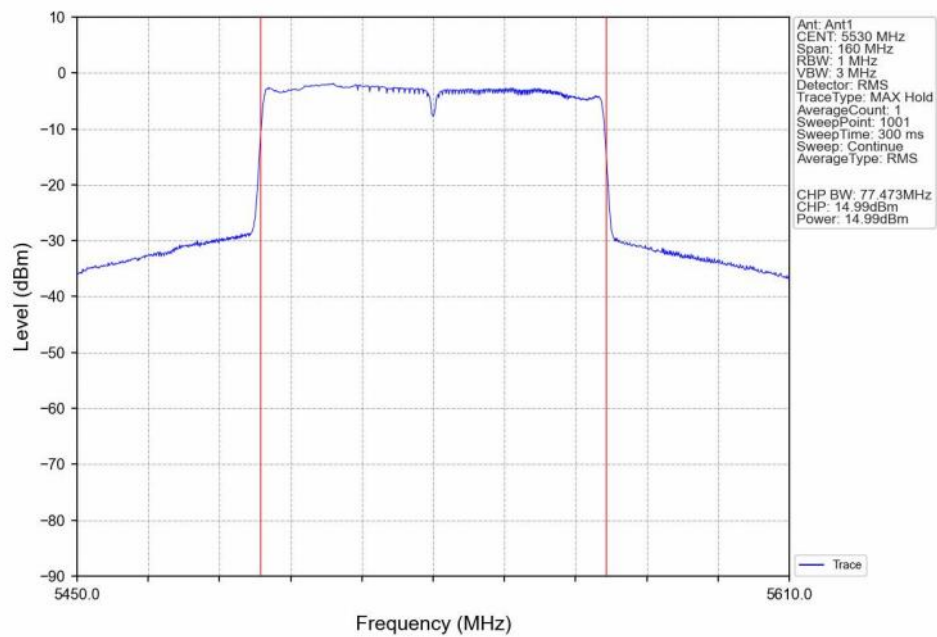
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



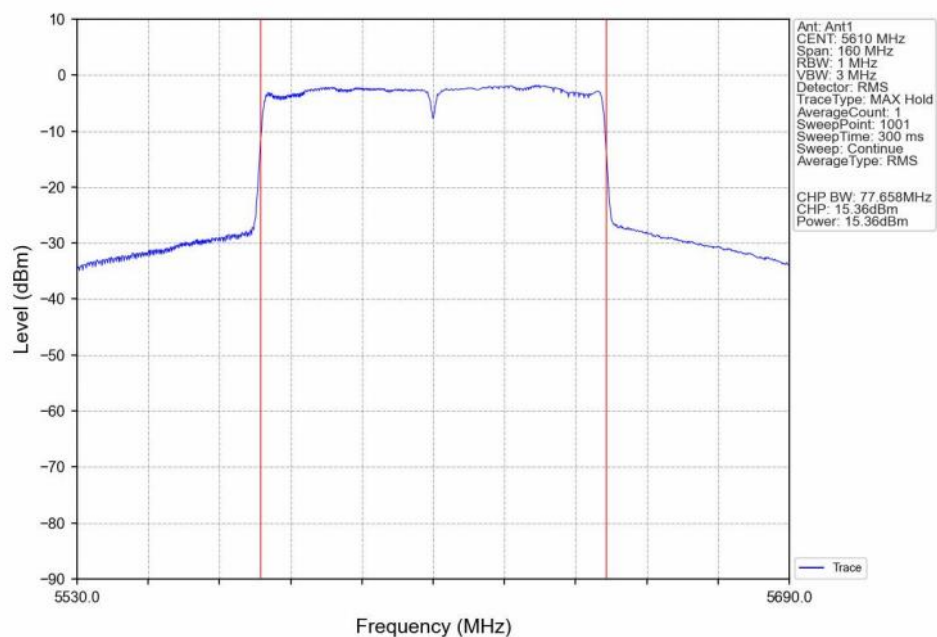
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



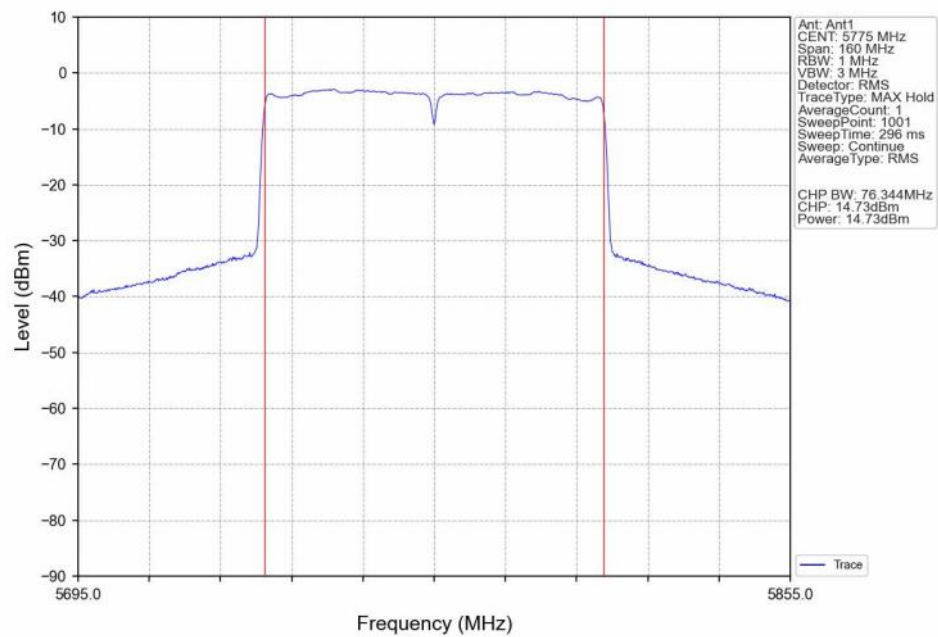
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



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



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



## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) |       | Verdict |
|------------------|---------|-----------------|-----------------------|-------|---------|
|                  |         |                 | ANT1                  | Limit |         |
| 802.11a          | SISO    | 5180            | 3.17                  | <=11  | Pass    |
|                  |         | 5200            | 3.21                  | <=11  | Pass    |
|                  |         | 5240            | 2.90                  | <=11  | Pass    |
|                  |         | 5260            | 3.95                  | <=11  | Pass    |
|                  |         | 5300            | 3.40                  | <=11  | Pass    |
|                  |         | 5320            | 3.06                  | <=11  | Pass    |
|                  |         | 5500            | 3.66                  | <=11  | Pass    |
|                  |         | 5580            | 4.16                  | <=11  | Pass    |
|                  |         | 5700            | 3.59                  | <=11  | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | 3.05                  | <=11  | Pass    |
|                  |         | 5200            | 3.44                  | <=11  | Pass    |
|                  |         | 5240            | 2.96                  | <=11  | Pass    |
|                  |         | 5260            | 3.93                  | <=11  | Pass    |
|                  |         | 5300            | 3.56                  | <=11  | Pass    |
|                  |         | 5320            | 2.97                  | <=11  | Pass    |
|                  |         | 5500            | 4.03                  | <=11  | Pass    |
|                  |         | 5580            | 4.14                  | <=11  | Pass    |
|                  |         | 5700            | 3.62                  | <=11  | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | 0.54                  | <=11  | Pass    |
|                  |         | 5230            | 0.08                  | <=11  | Pass    |
|                  |         | 5270            | 0.75                  | <=11  | Pass    |
|                  |         | 5310            | 0.41                  | <=11  | Pass    |
|                  |         | 5510            | 1.24                  | <=11  | Pass    |
|                  |         | 5550            | -0.12                 | <=11  | Pass    |
|                  |         | 5670            | 1.60                  | <=11  | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | 3.01                  | <=11  | Pass    |
|                  |         | 5200            | 3.16                  | <=11  | Pass    |
|                  |         | 5240            | 2.89                  | <=11  | Pass    |
|                  |         | 5260            | 3.88                  | <=11  | Pass    |
|                  |         | 5300            | 3.31                  | <=11  | Pass    |
|                  |         | 5320            | 3.42                  | <=11  | Pass    |
|                  |         | 5500            | 3.85                  | <=11  | Pass    |
|                  |         | 5580            | 4.10                  | <=11  | Pass    |
|                  |         | 5700            | 4.02                  | <=11  | Pass    |
| 802.11ac (VHT40) | SISO    | 5190            | 0.57                  | <=11  | Pass    |
|                  |         | 5230            | 0.16                  | <=11  | Pass    |
|                  |         | 5270            | 1.03                  | <=11  | Pass    |
|                  |         | 5310            | 0.82                  | <=11  | Pass    |
|                  |         | 5510            | 1.05                  | <=11  | Pass    |
|                  |         | 5550            | 0.87                  | <=11  | Pass    |
|                  |         | 5670            | 1.63                  | <=11  | Pass    |
| 802.11ac (VHT80) | SISO    | 5210            | -3.07                 | <=11  | Pass    |
|                  |         | 5290            | -2.62                 | <=11  | Pass    |
|                  |         | 5530            | -1.96                 | <=11  | Pass    |
|                  |         | 5610            | -1.81                 | <=11  | Pass    |

Note1: Antenna Gain: Ant1: 0.46dBi;

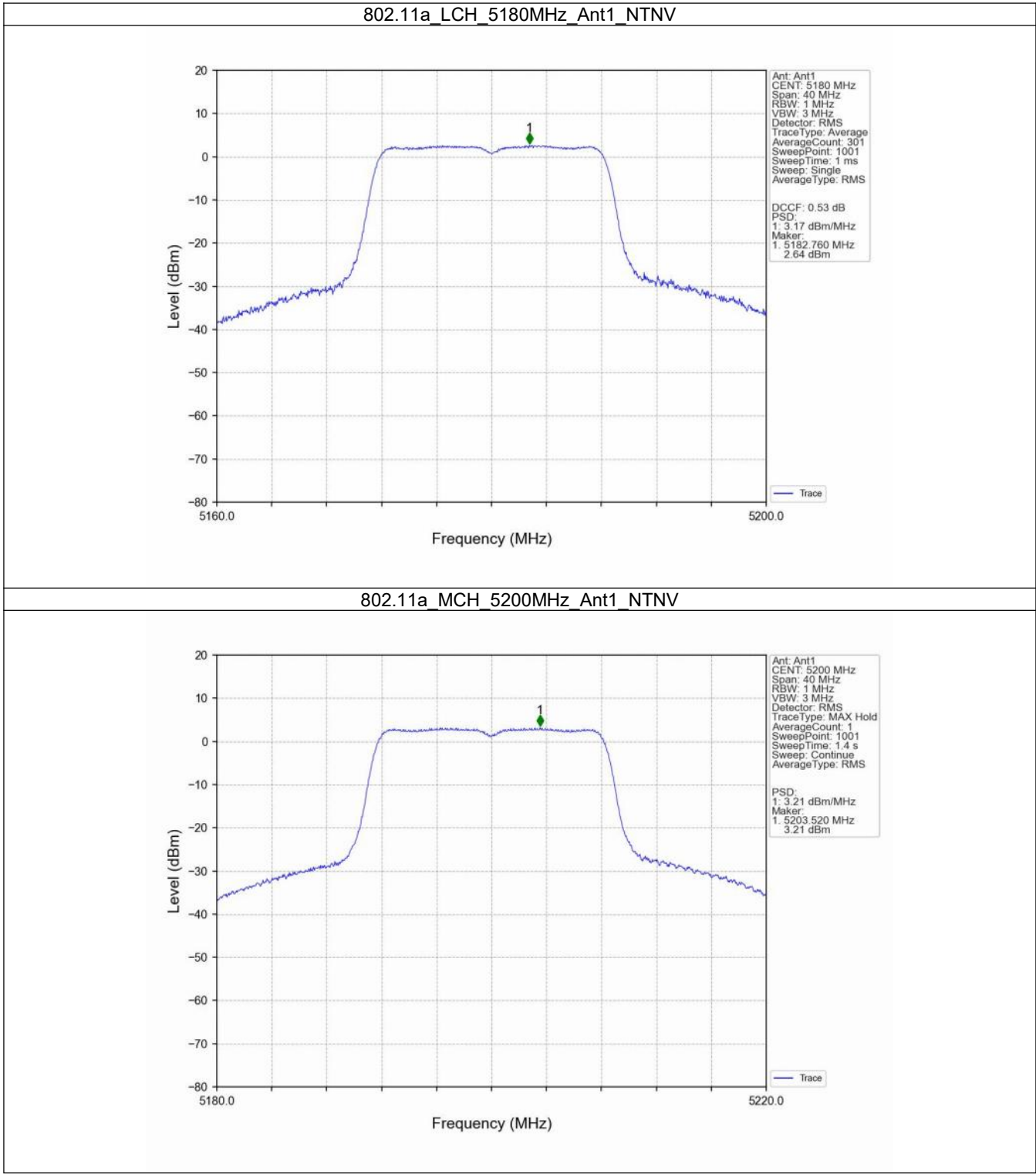
## 4.1.2 PSD-Band3

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       | Verdict |
|------------------|---------|-----------------|--------------------------|-------|---------|
|                  |         |                 | ANT1                     | Limit |         |
| 802.11a          | SISO    | 5745            | -0.25                    | <=30  | Pass    |
|                  |         | 5785            | 0.21                     | <=30  | Pass    |
|                  |         | 5825            | 0.16                     | <=30  | Pass    |
| 802.11n (HT20)   | SISO    | 5745            | 0.64                     | <=30  | Pass    |
|                  |         | 5785            | -0.02                    | <=30  | Pass    |
|                  |         | 5825            | -0.14                    | <=30  | Pass    |
| 802.11n (HT40)   | SISO    | 5755            | -1.92                    | <=30  | Pass    |
|                  |         | 5795            | -2.55                    | <=30  | Pass    |
| 802.11ac (VHT20) | SISO    | 5745            | -0.16                    | <=30  | Pass    |
|                  |         | 5785            | -0.29                    | <=30  | Pass    |
|                  |         | 5825            | -0.02                    | <=30  | Pass    |
| 802.11ac (VHT40) | SISO    | 5755            | -2.22                    | <=30  | Pass    |
|                  |         | 5795            | -2.53                    | <=30  | Pass    |
| 802.11ac (VHT80) | SISO    | 5775            | -5.20                    | <=30  | Pass    |

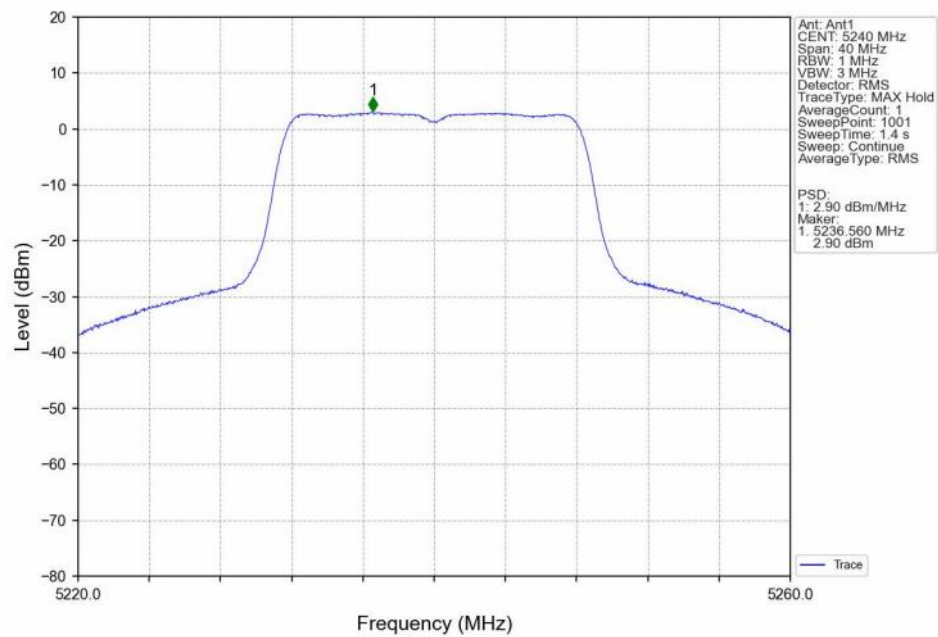
Note1: Antenna Gain: Ant1: 0.29dBi;

4.2 Test Graph

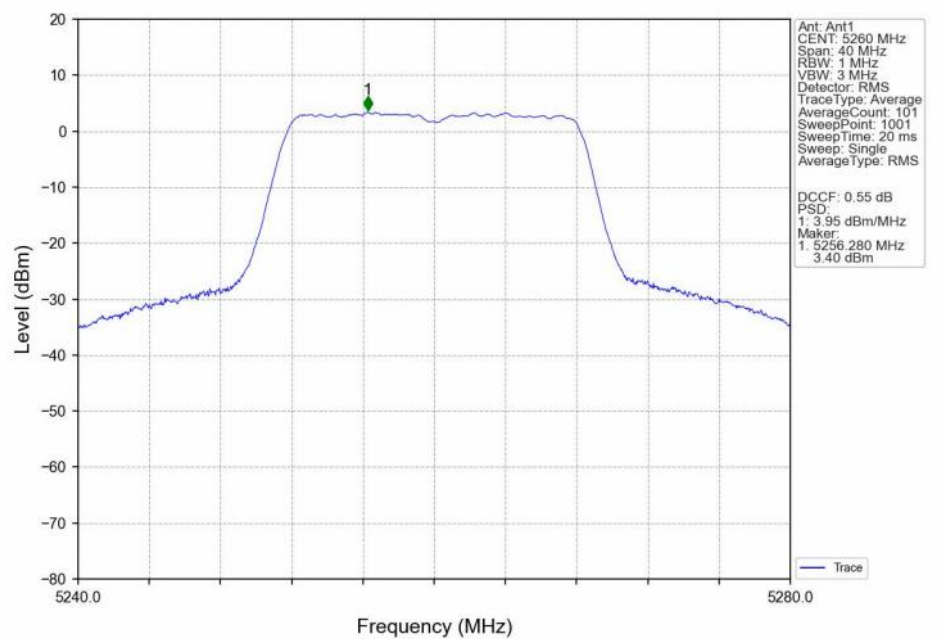
4.2.1 PSD



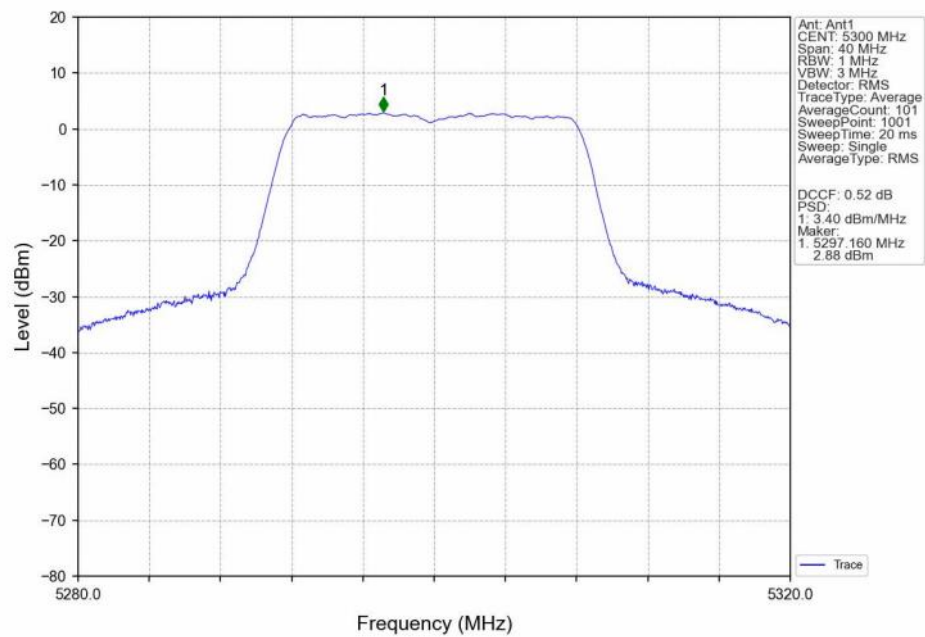
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



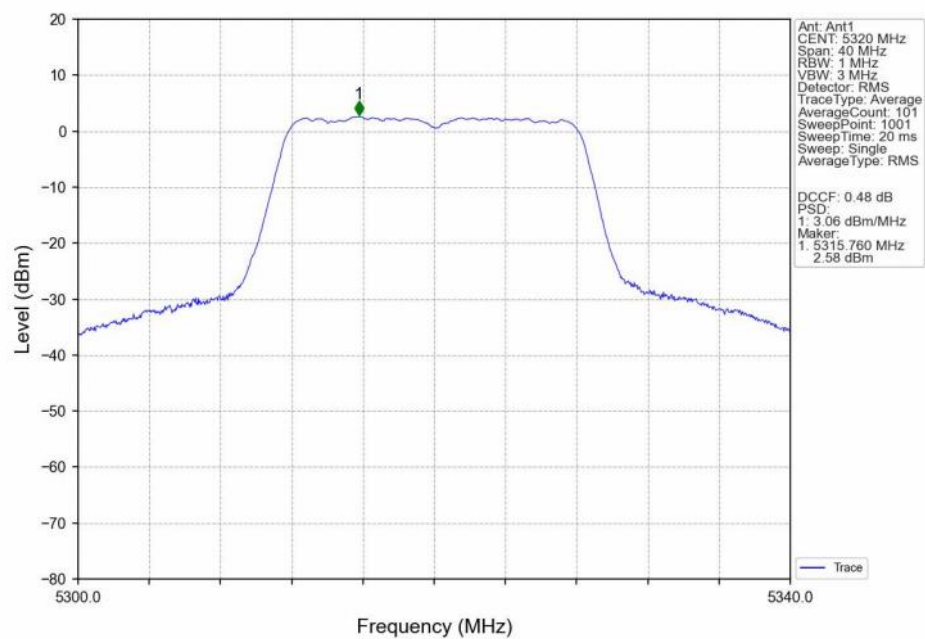
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



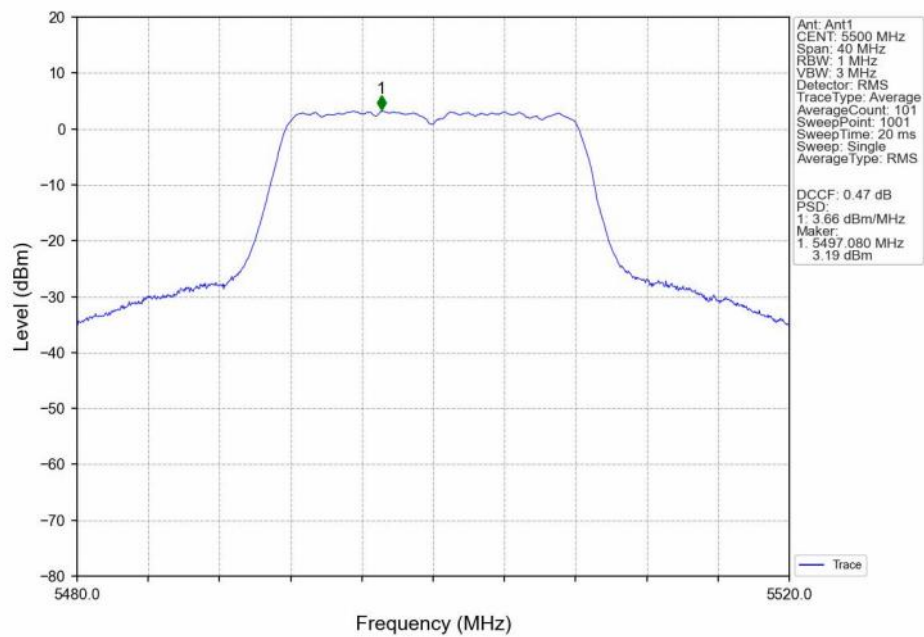
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



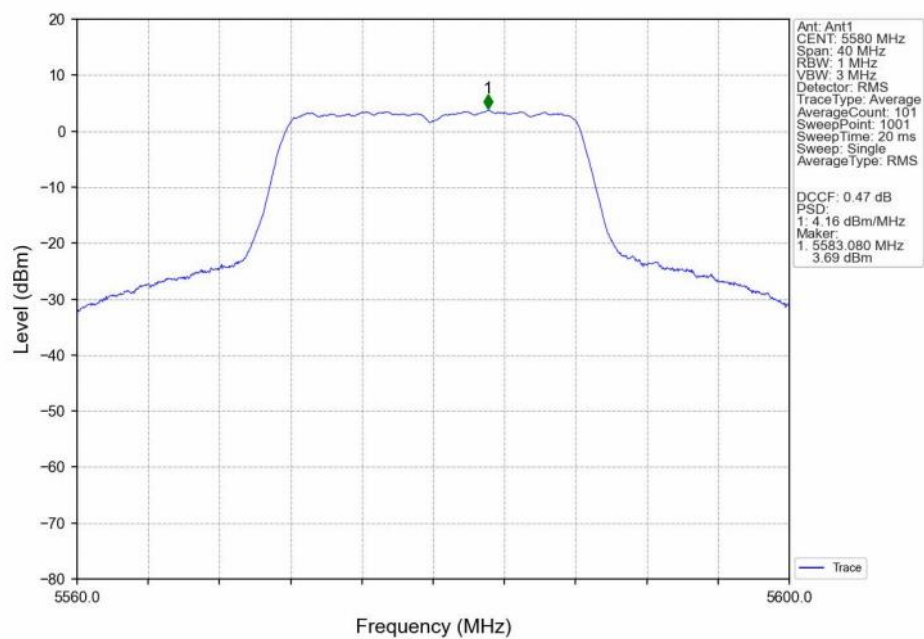
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



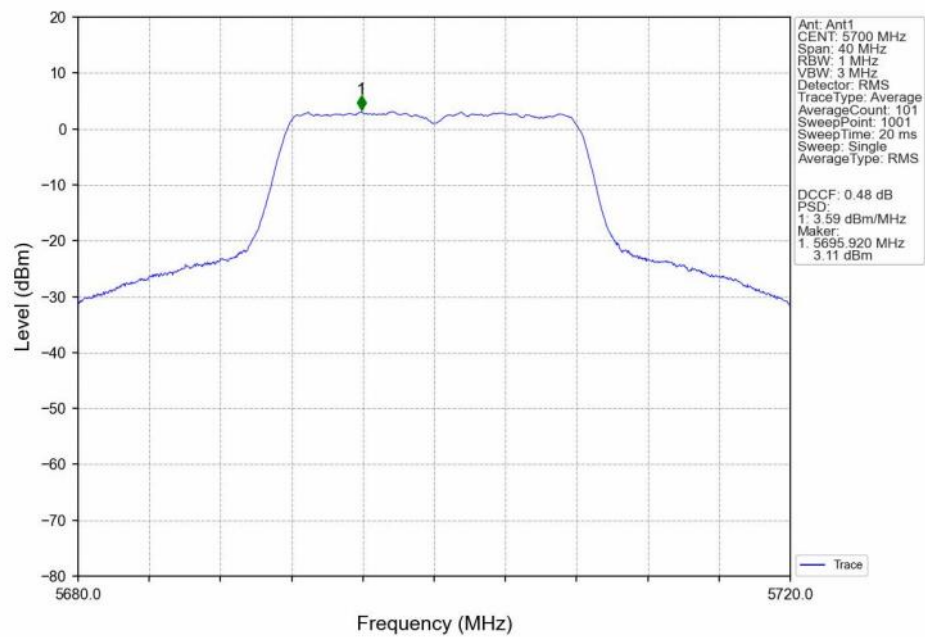
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



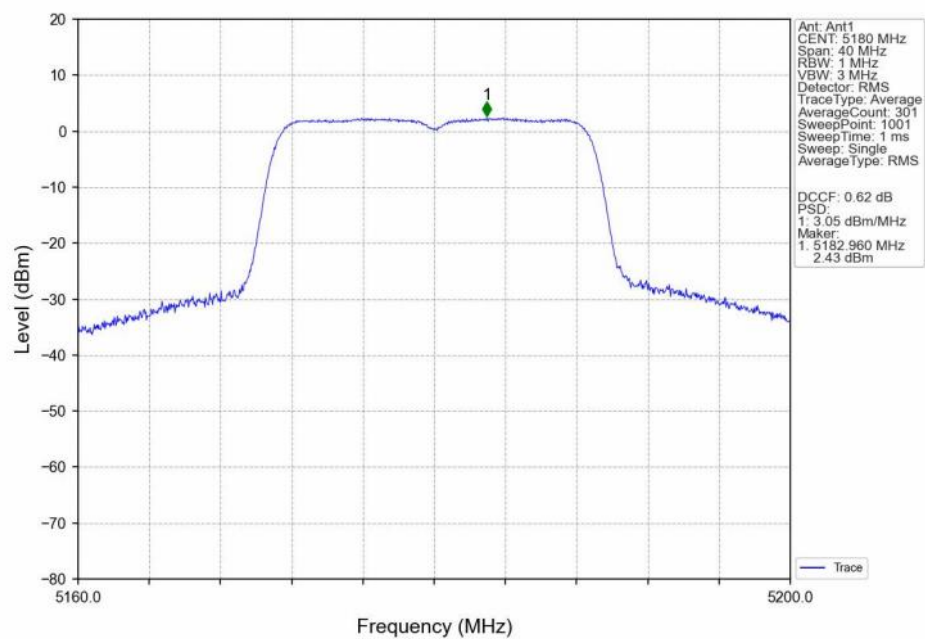
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



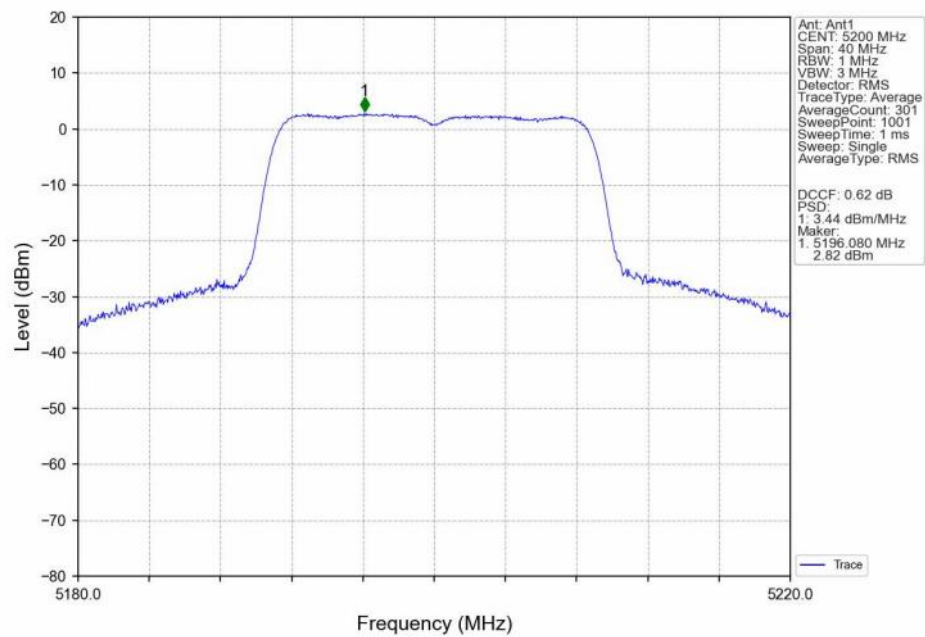
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



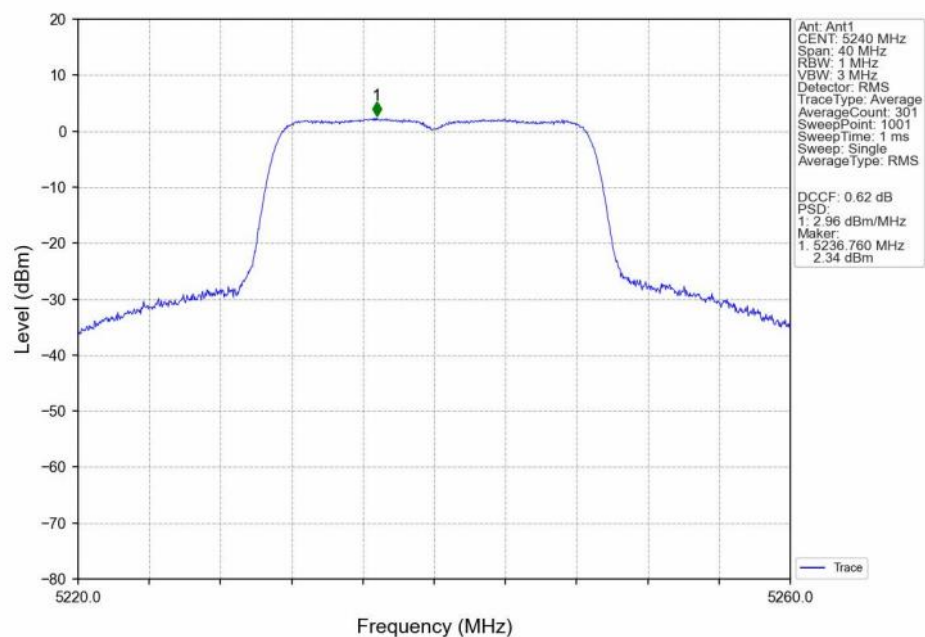
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



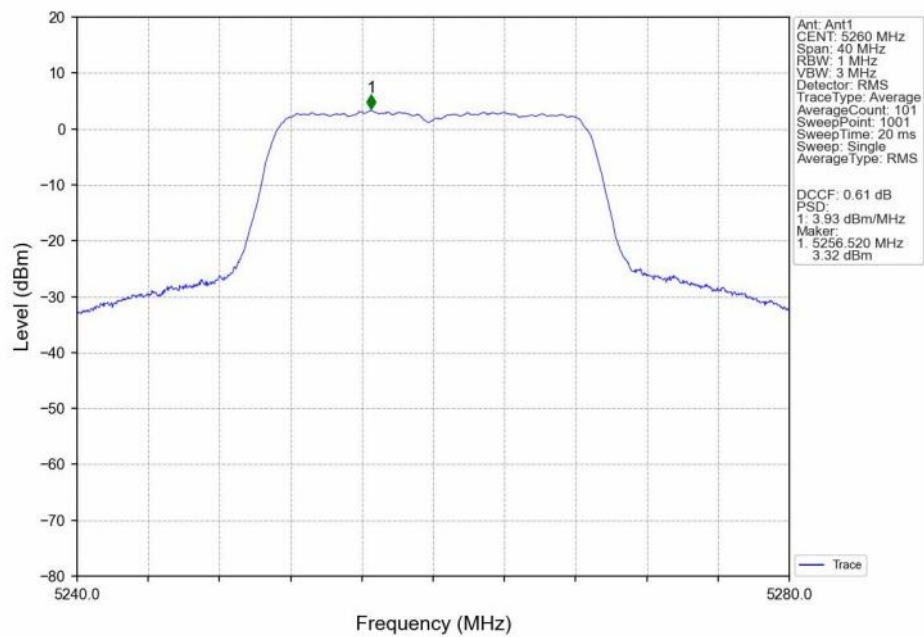
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



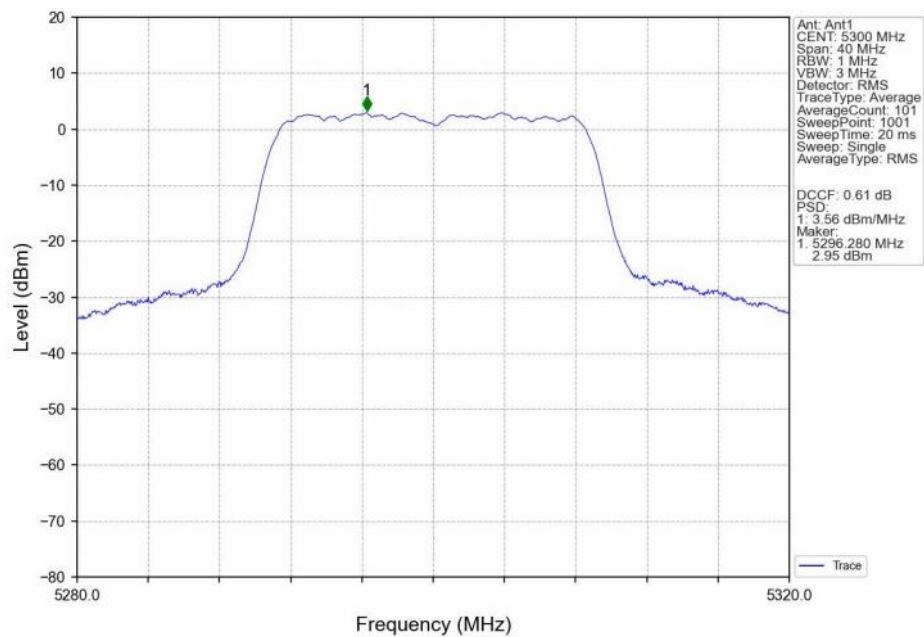
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



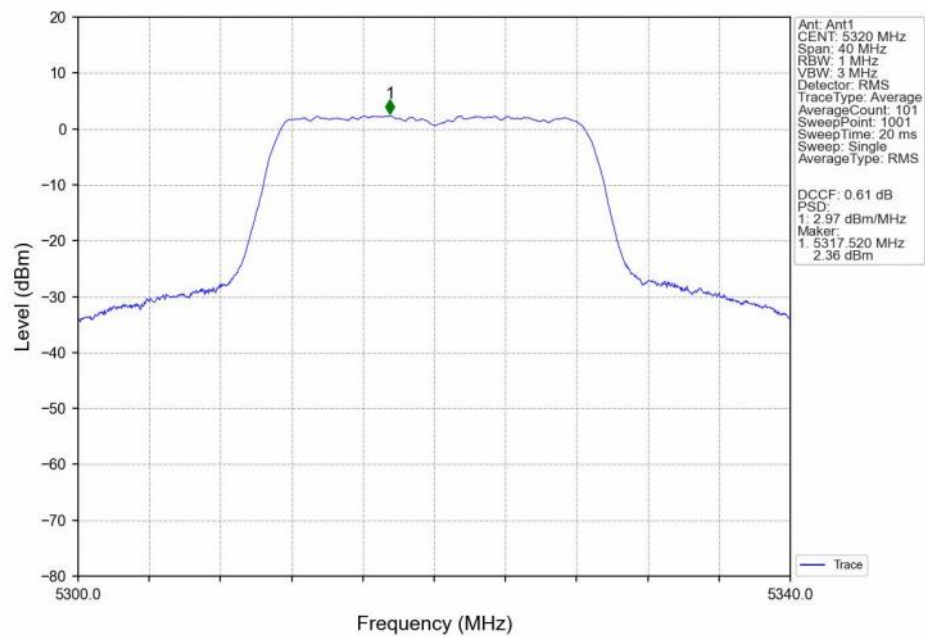
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



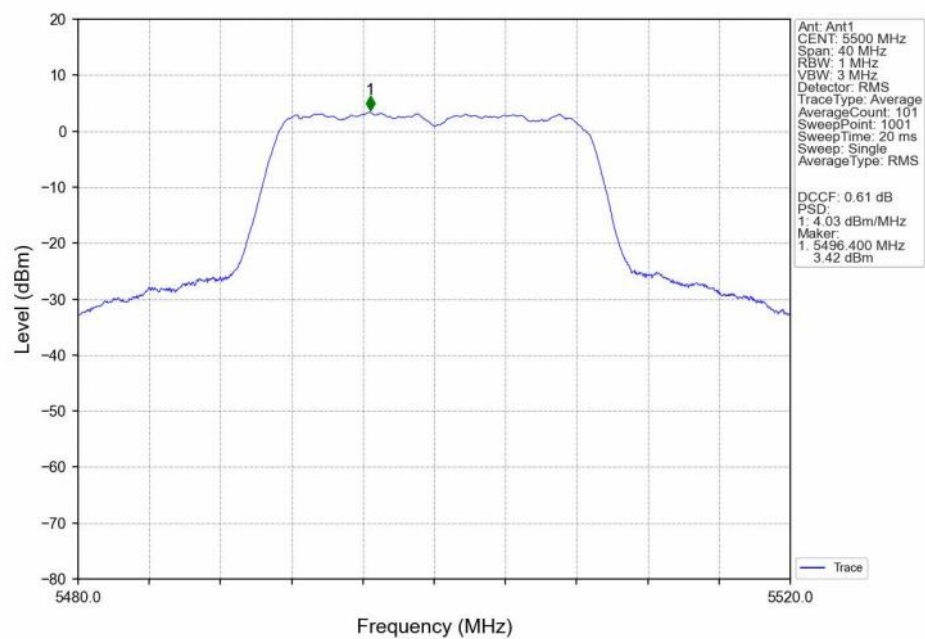
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



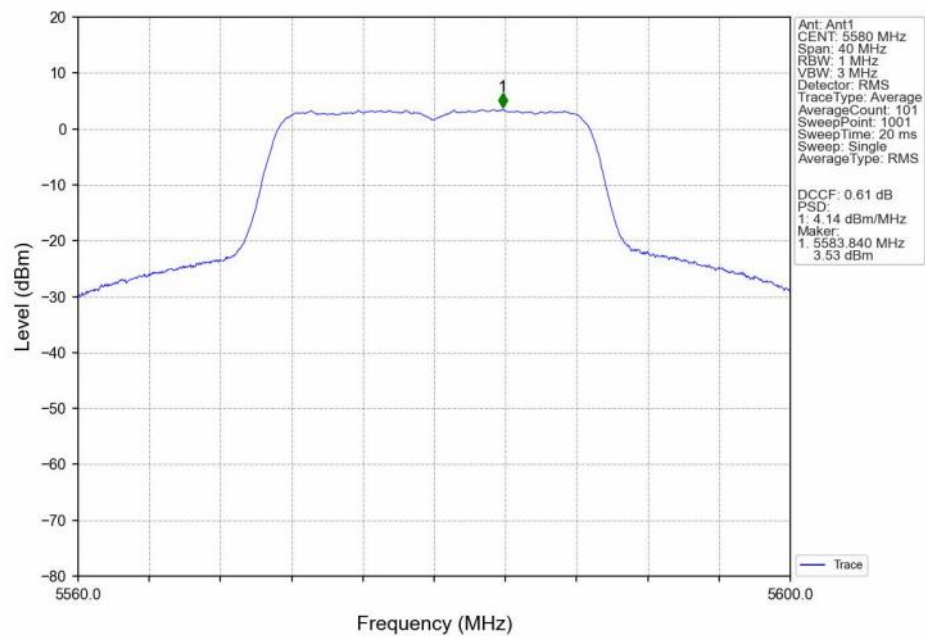
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



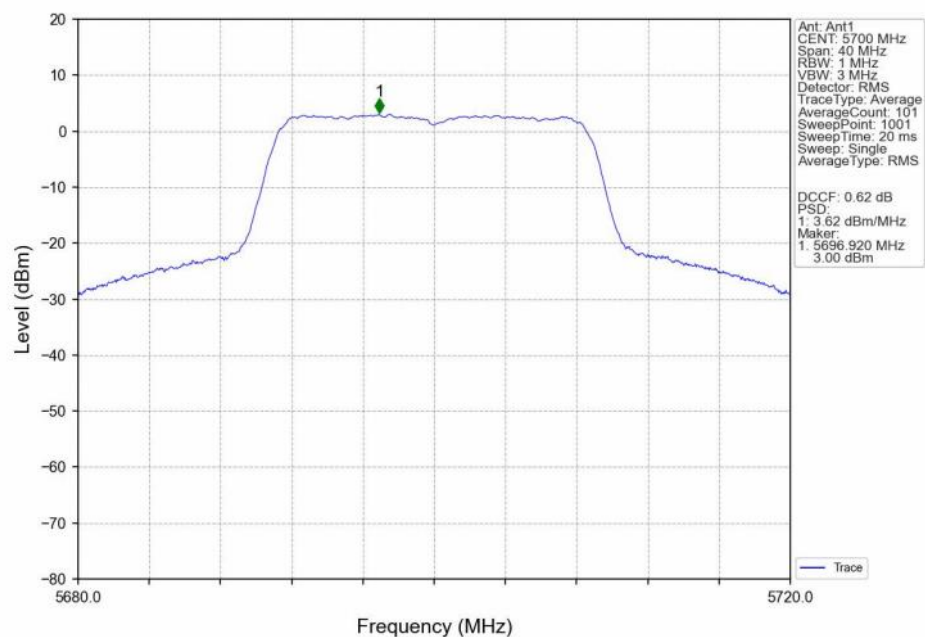
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



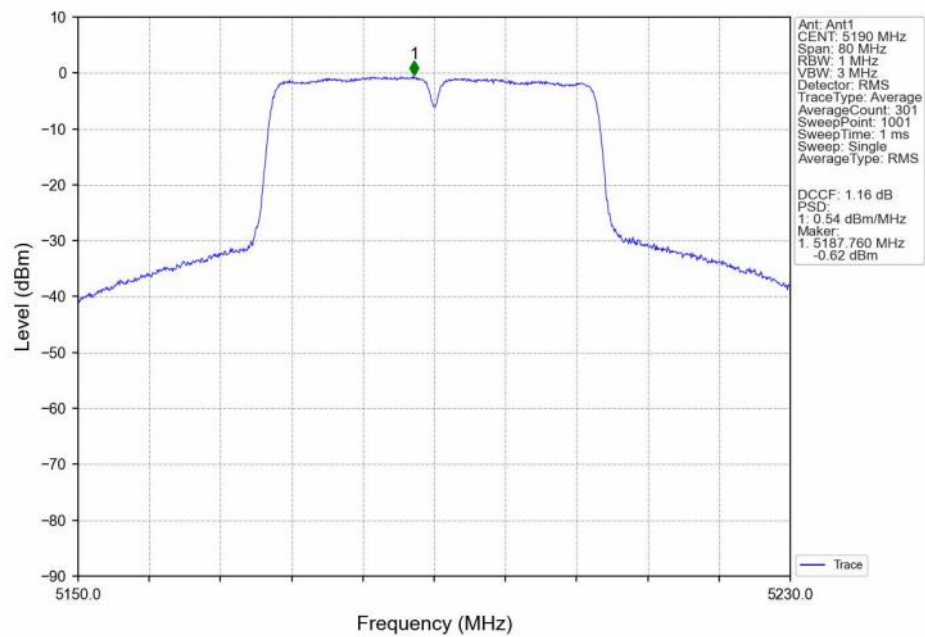
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



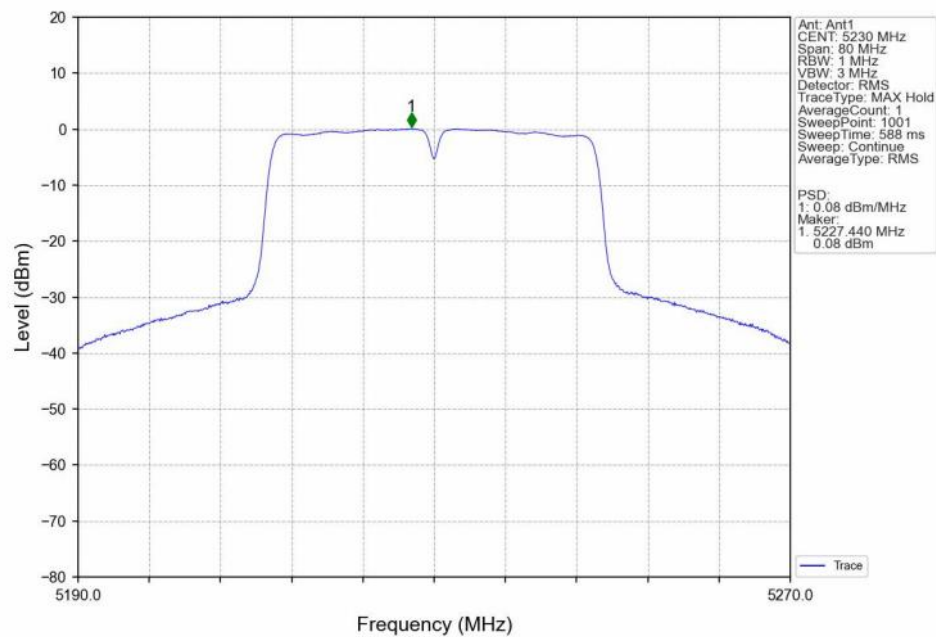
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



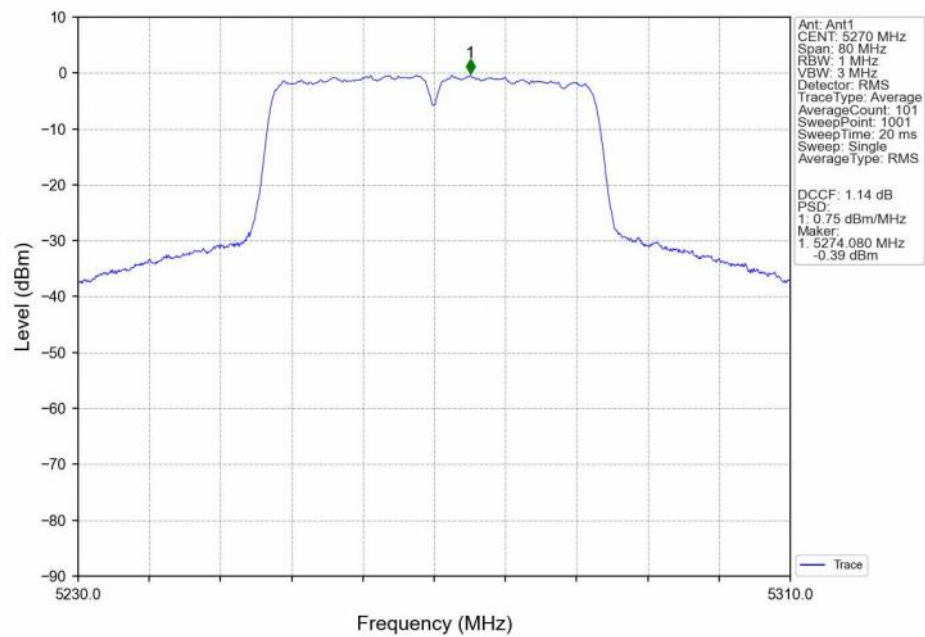
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



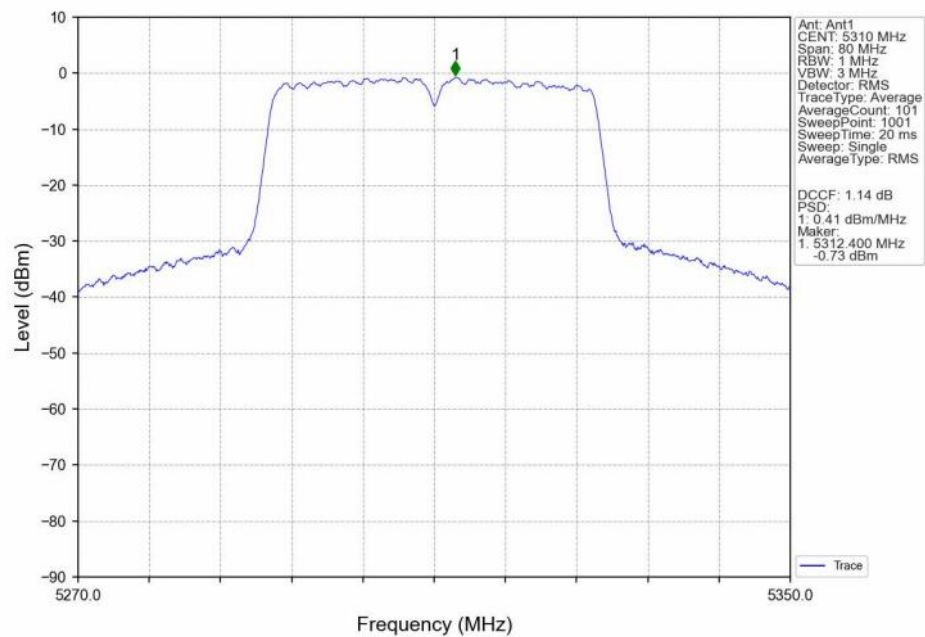
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



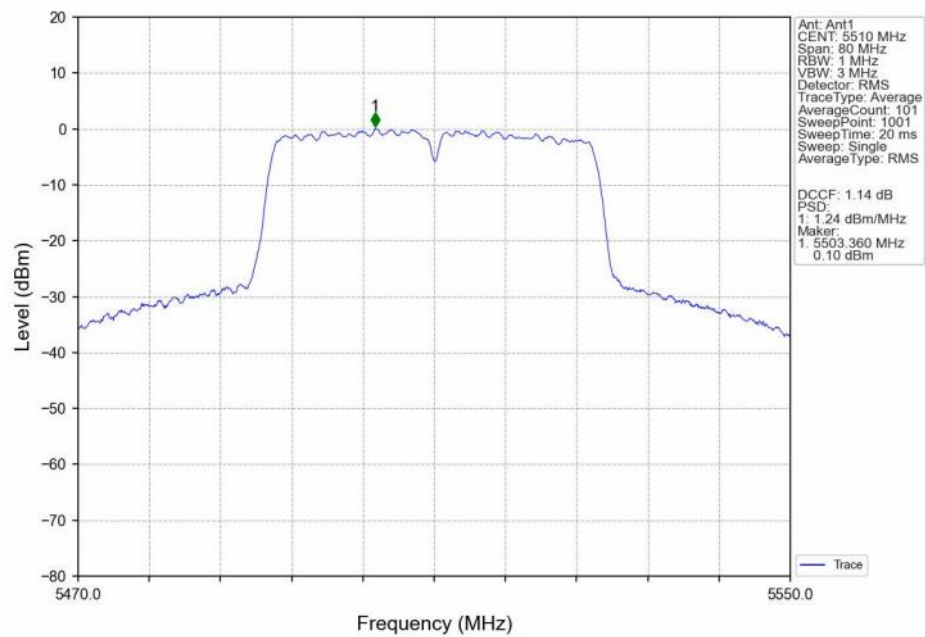
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



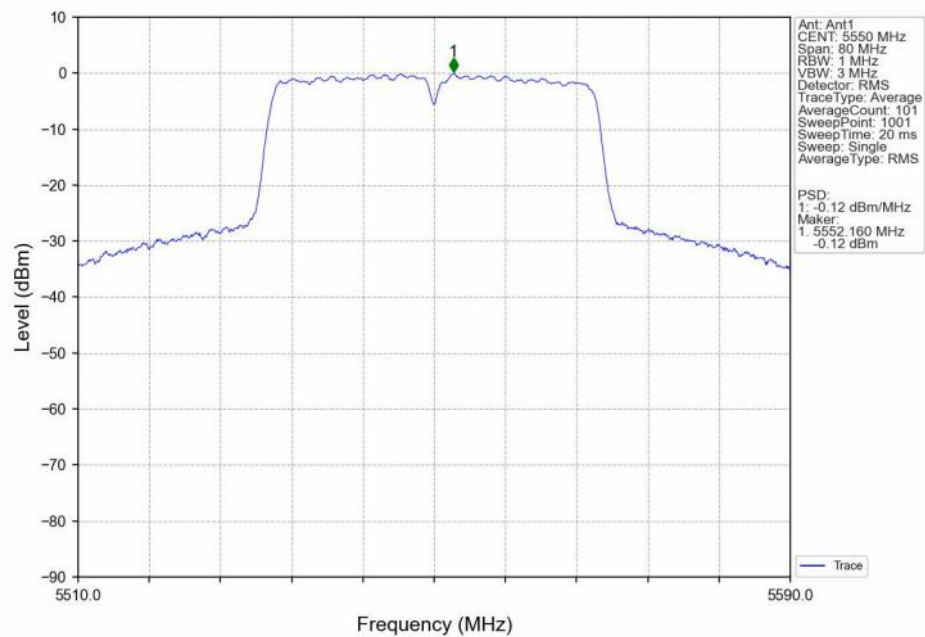
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



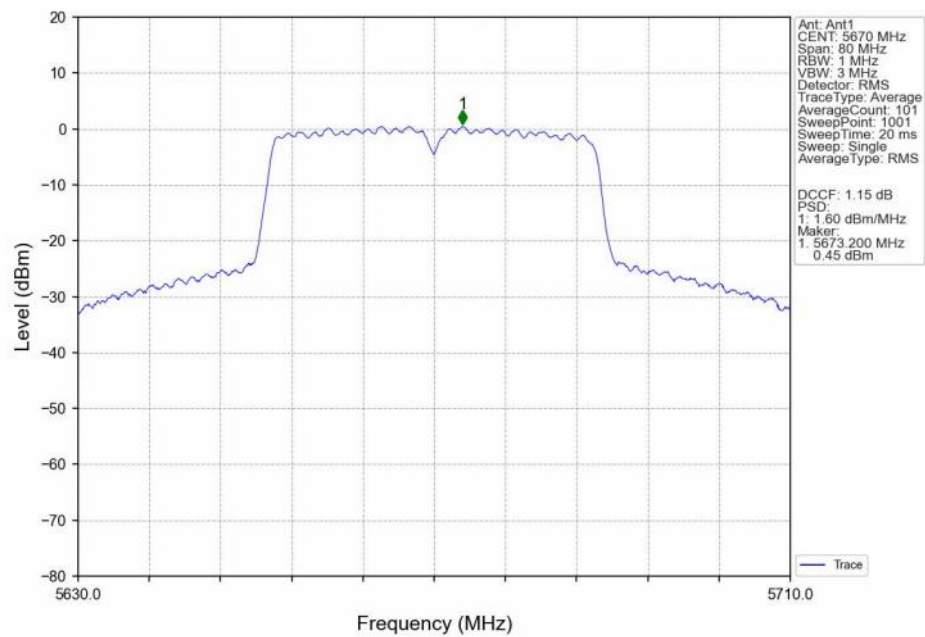
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



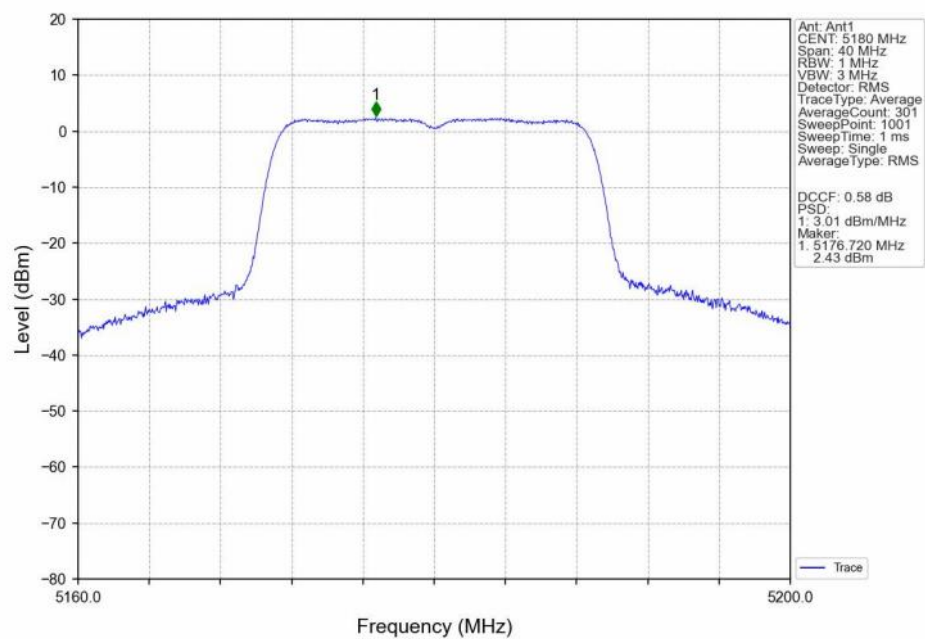
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



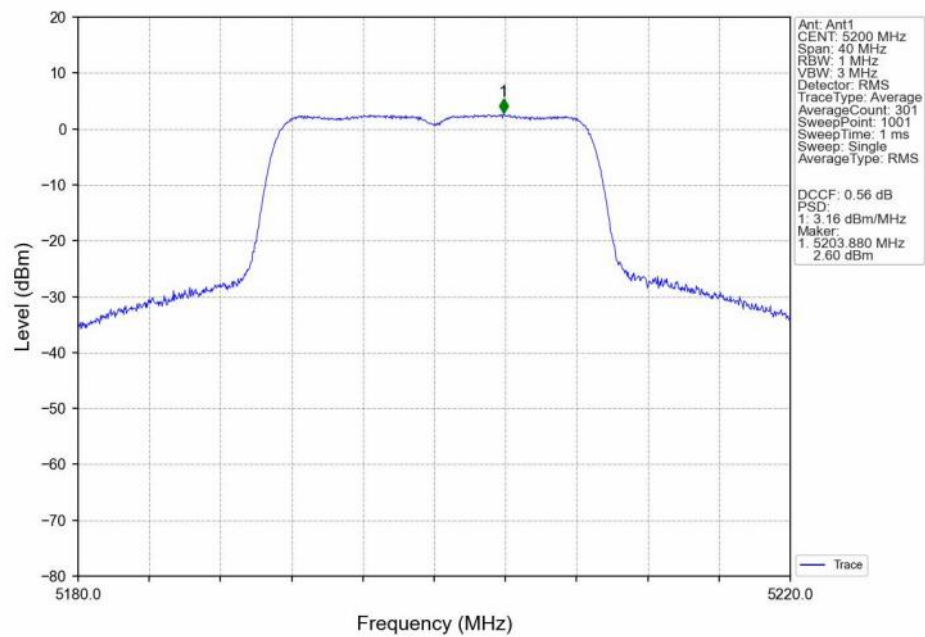
802.11n(HT40) HCH 5670MHz\_Ant1\_NTNV



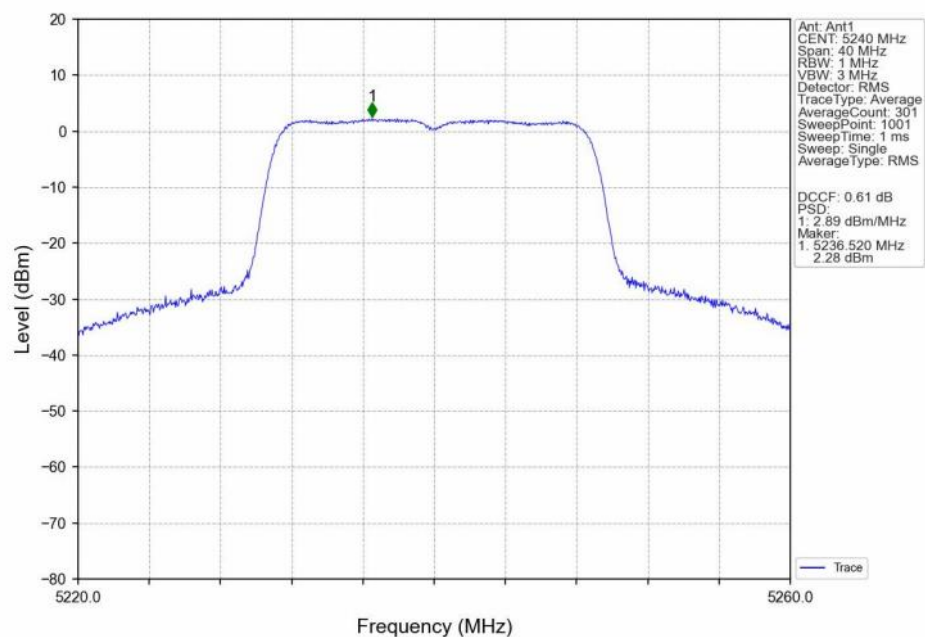
802.11ac(VHT20) LCH 5180MHz\_Ant1\_NTNV



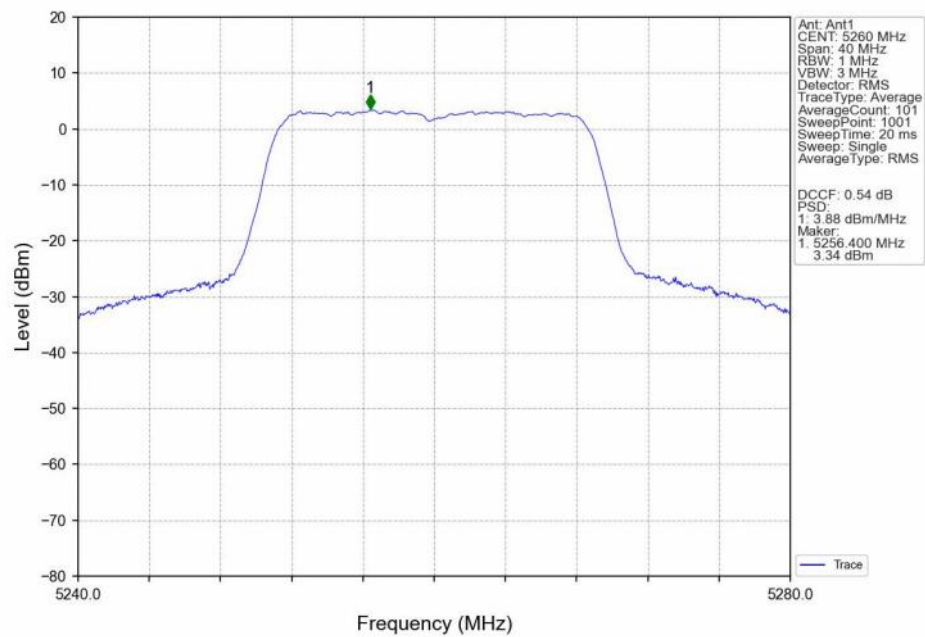
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



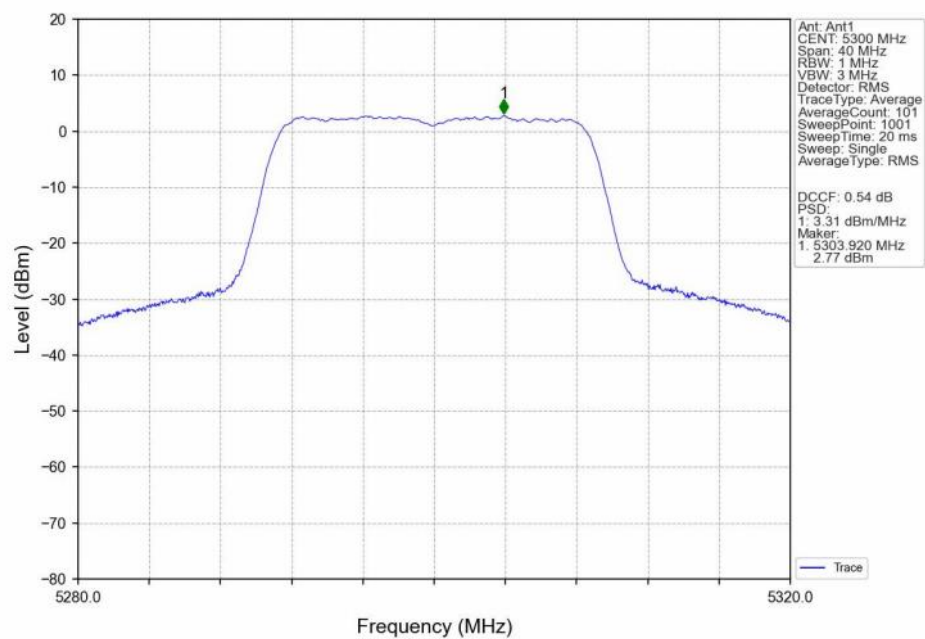
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



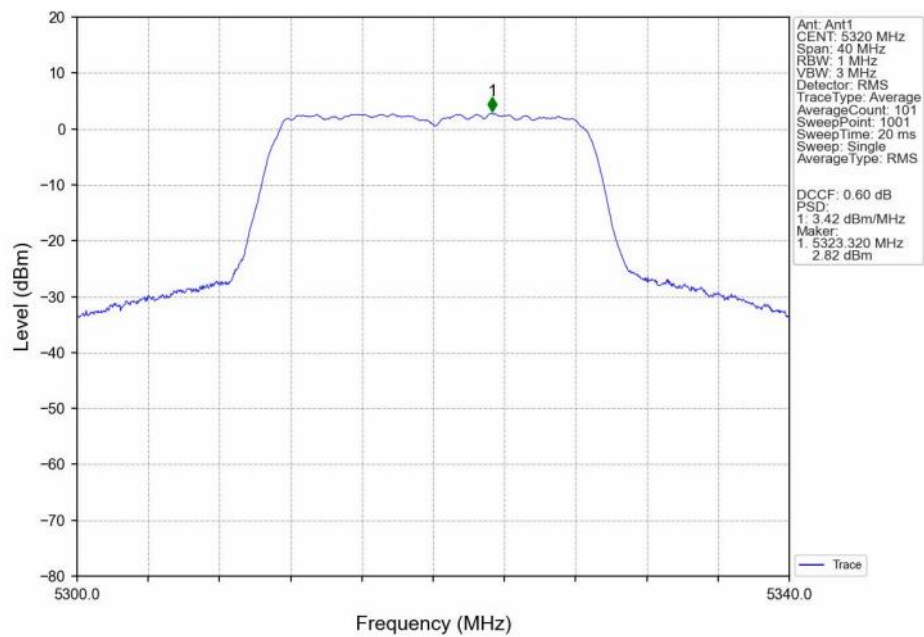
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



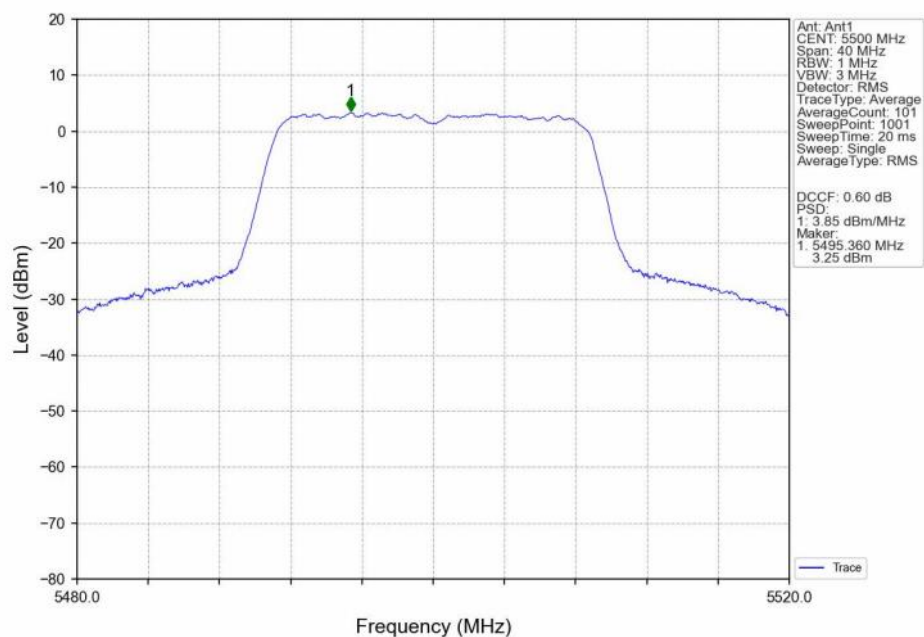
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



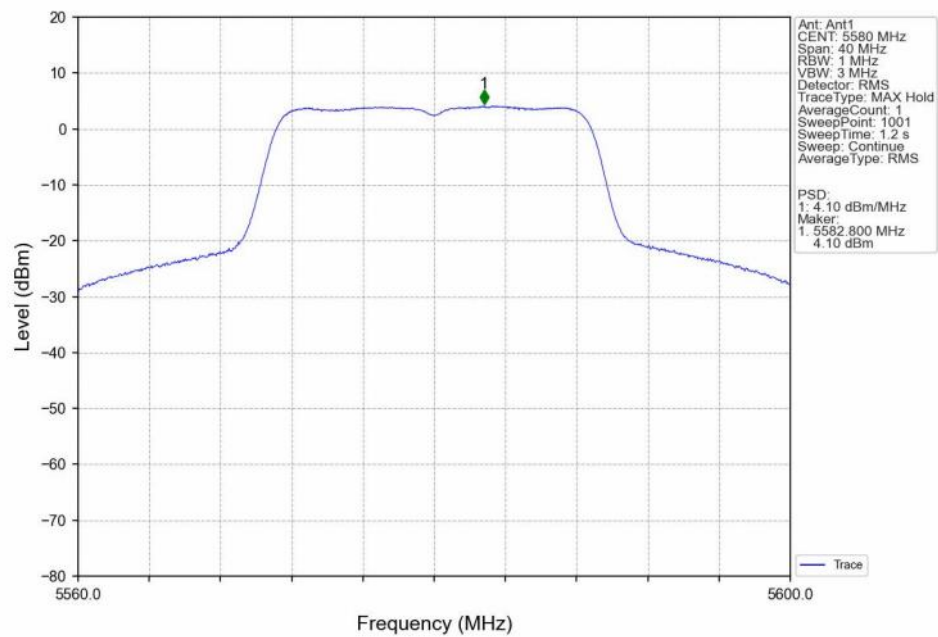
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



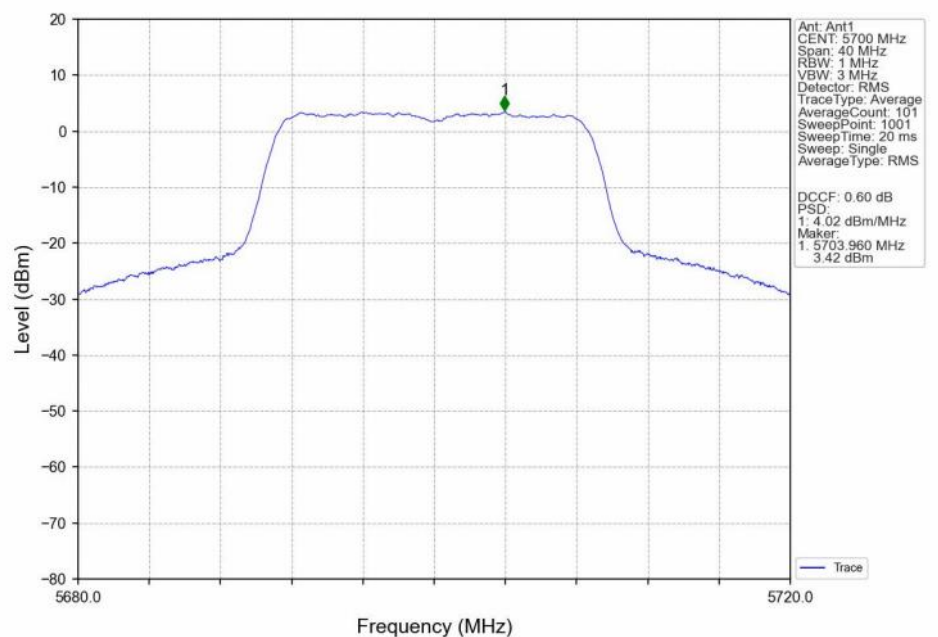
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



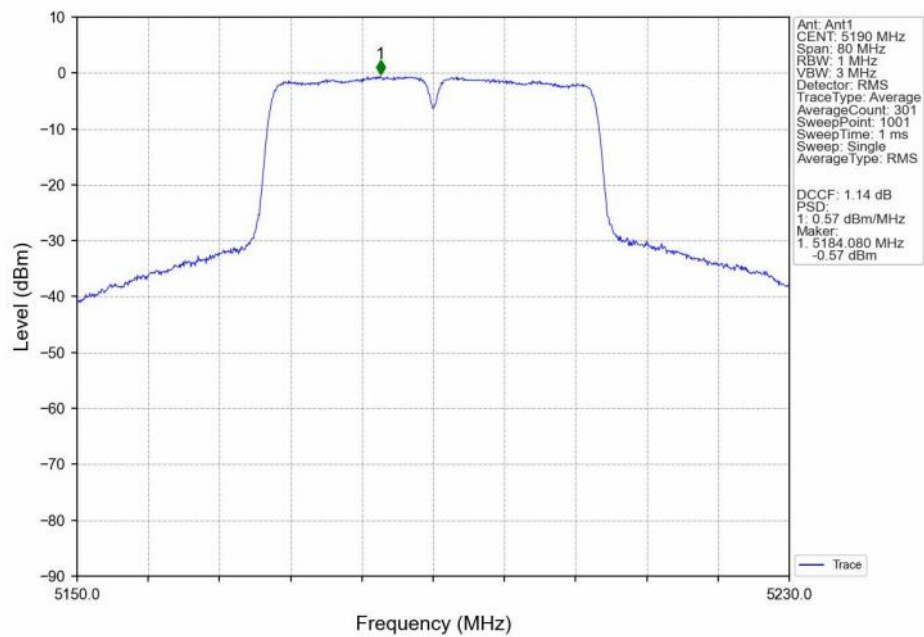
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



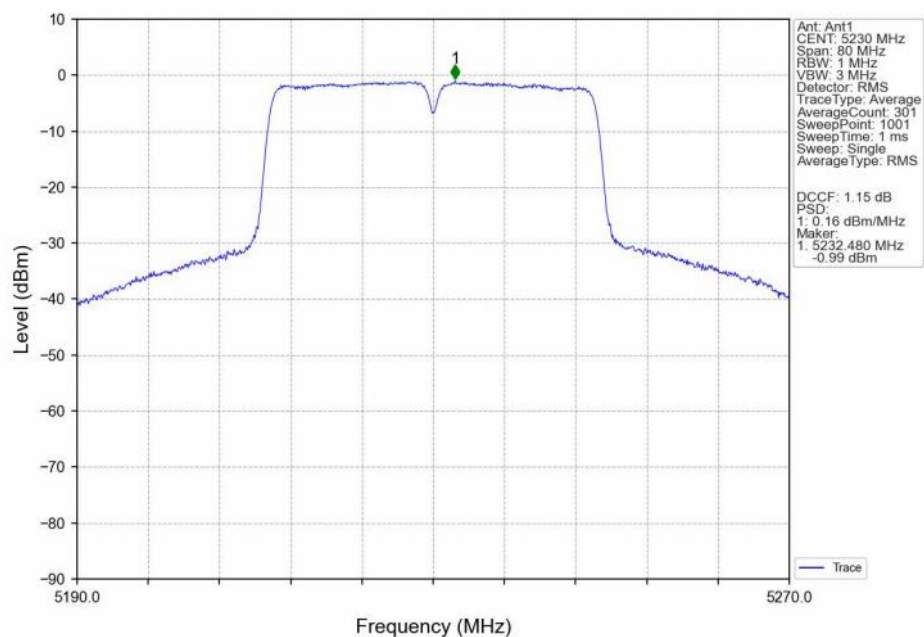
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



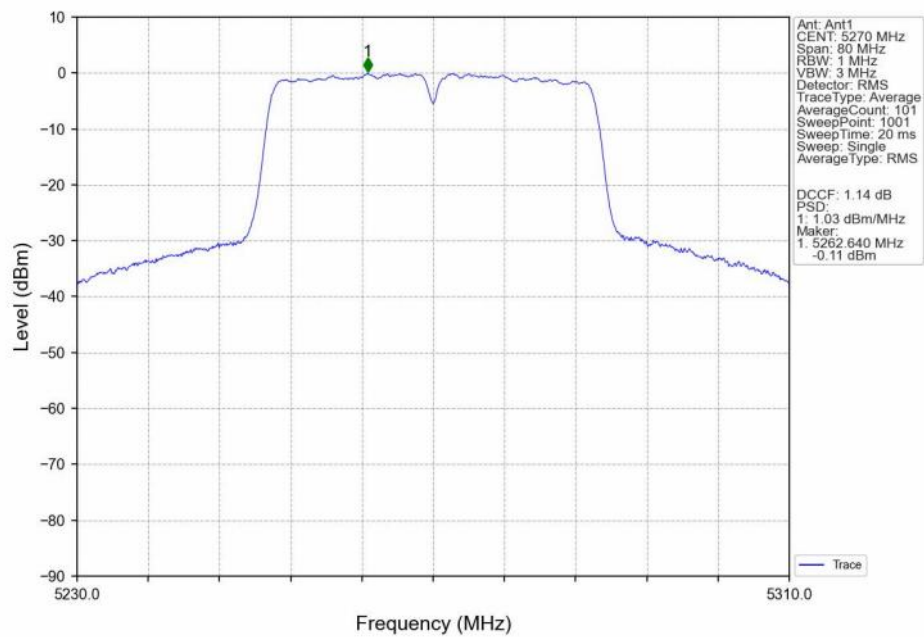
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



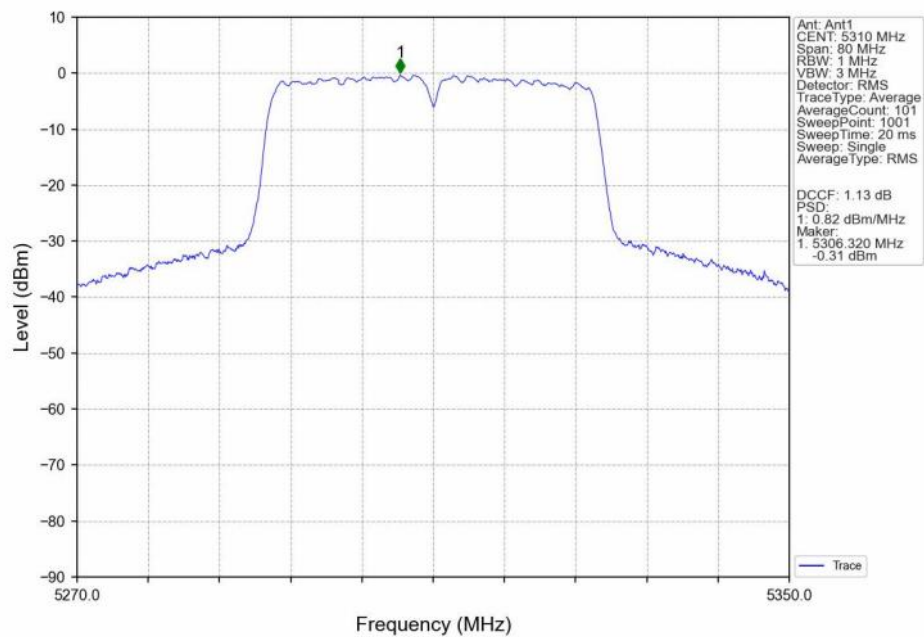
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



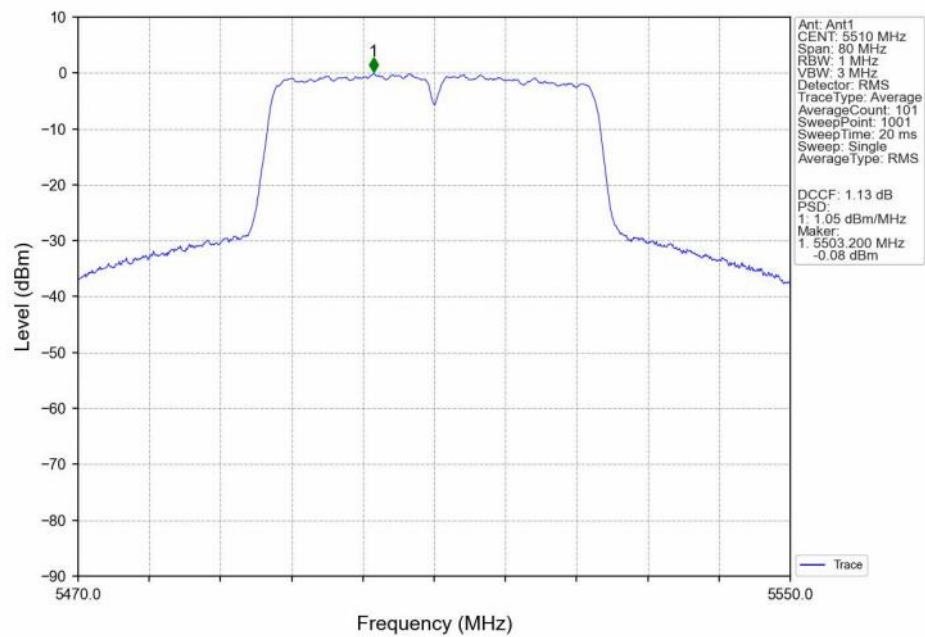
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



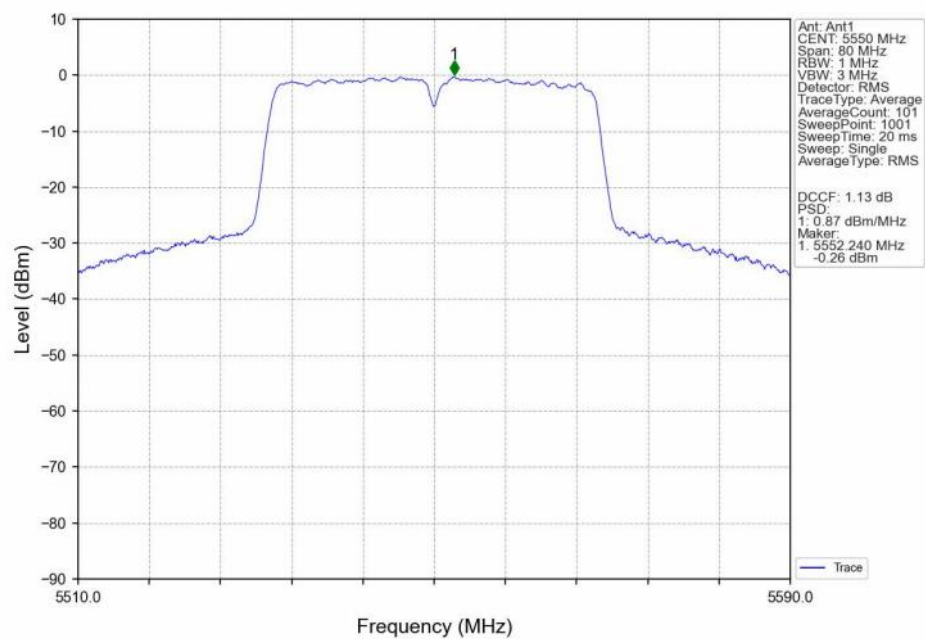
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



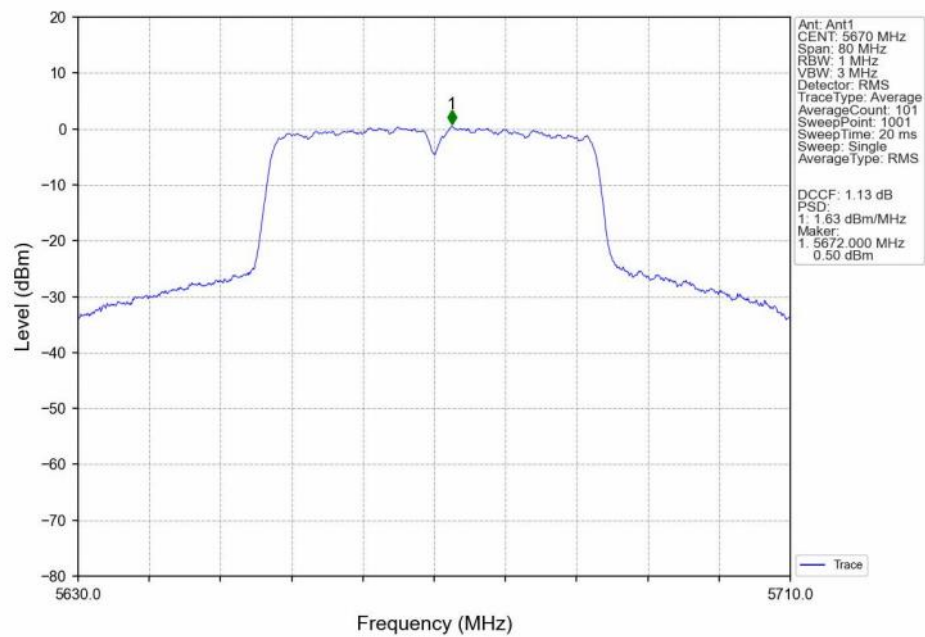
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



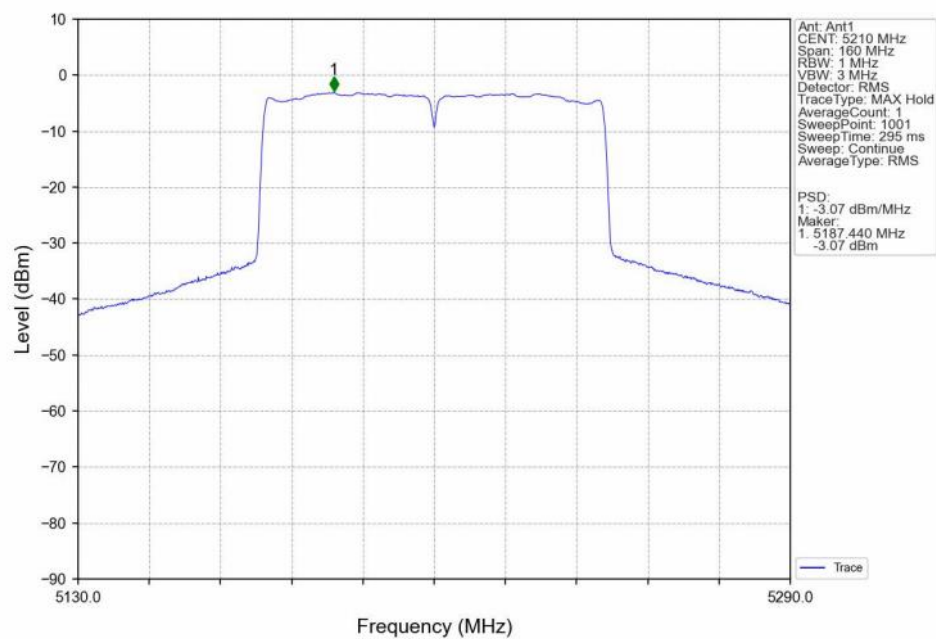
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



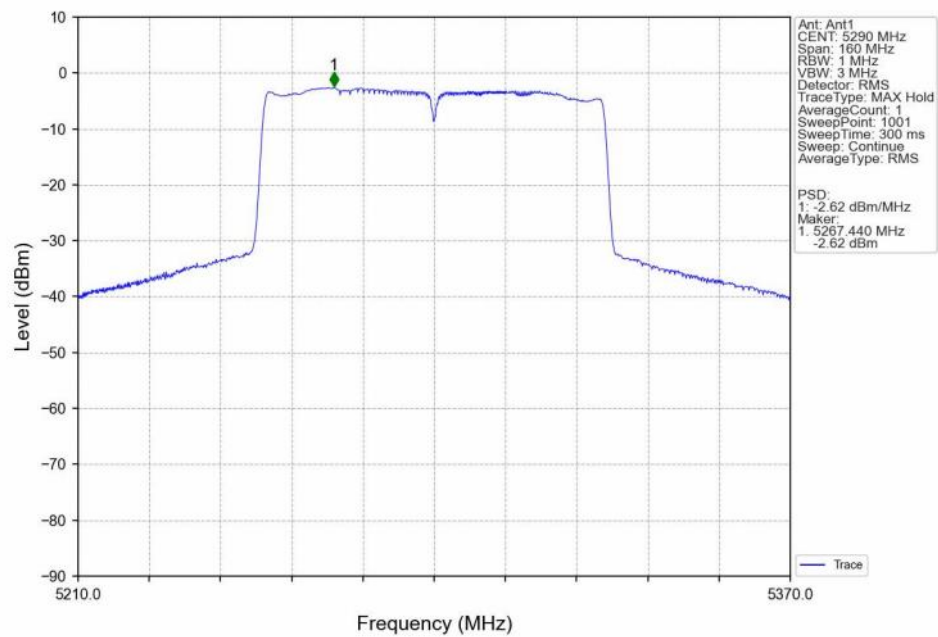
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



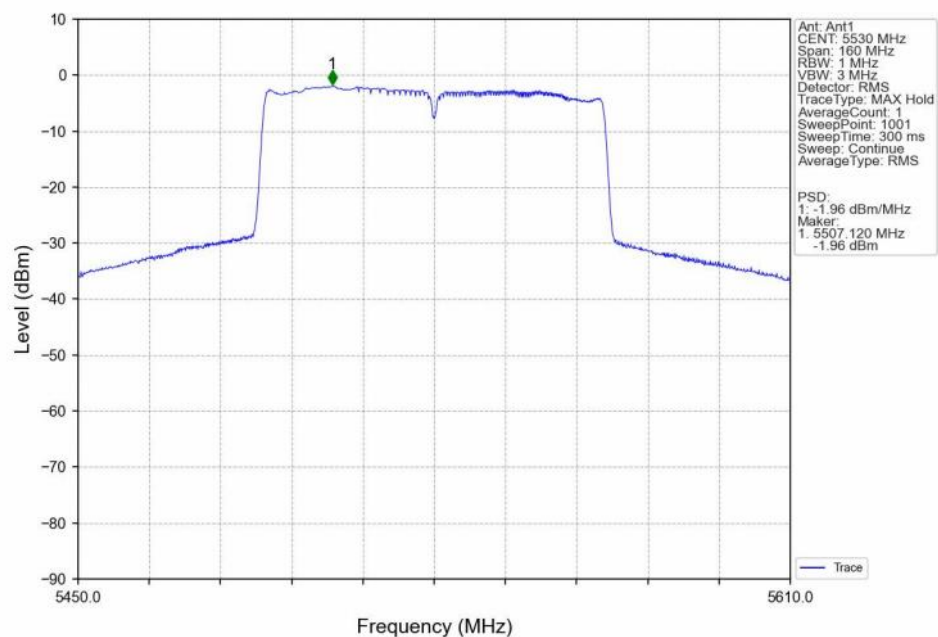
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



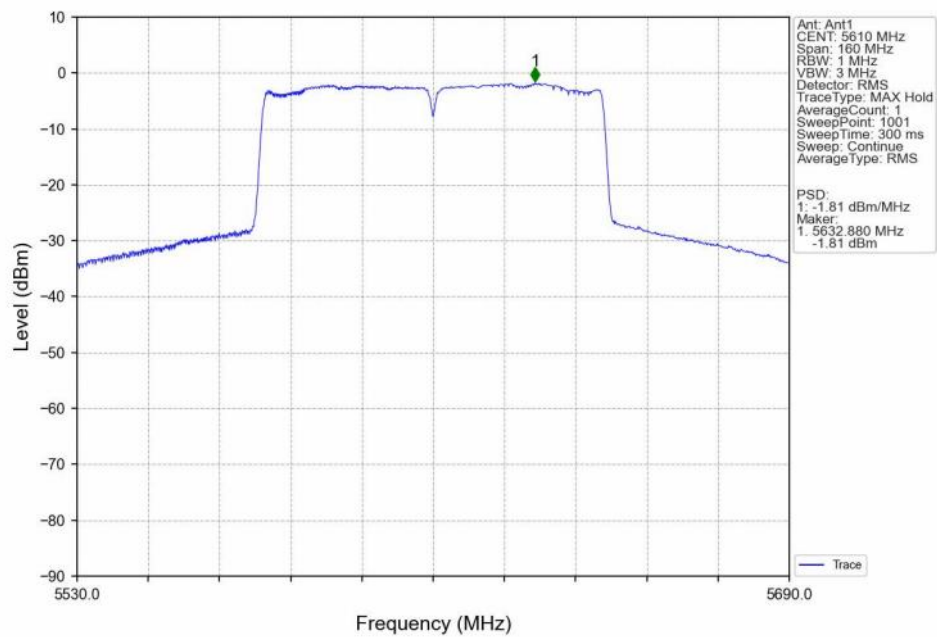
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



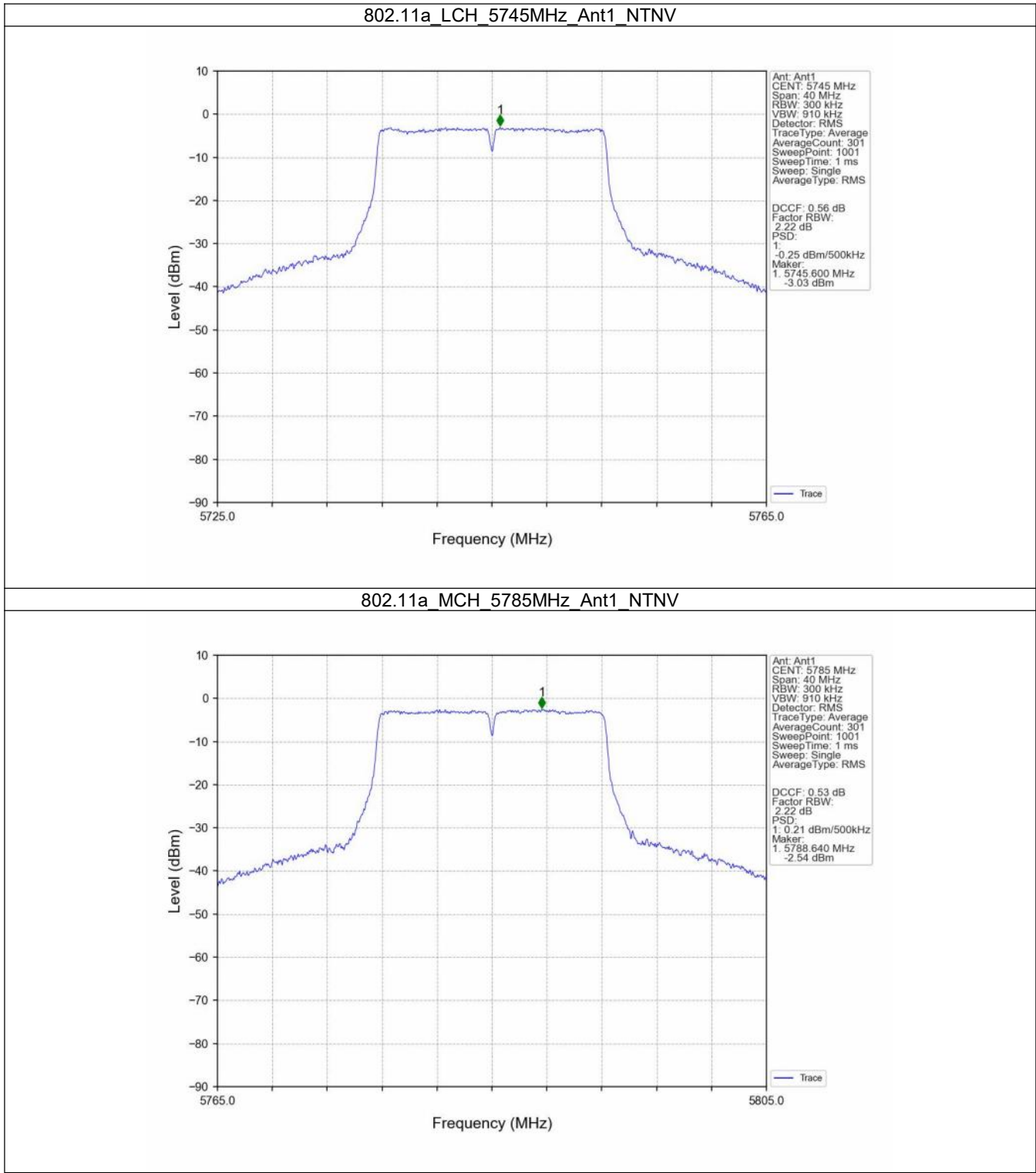
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



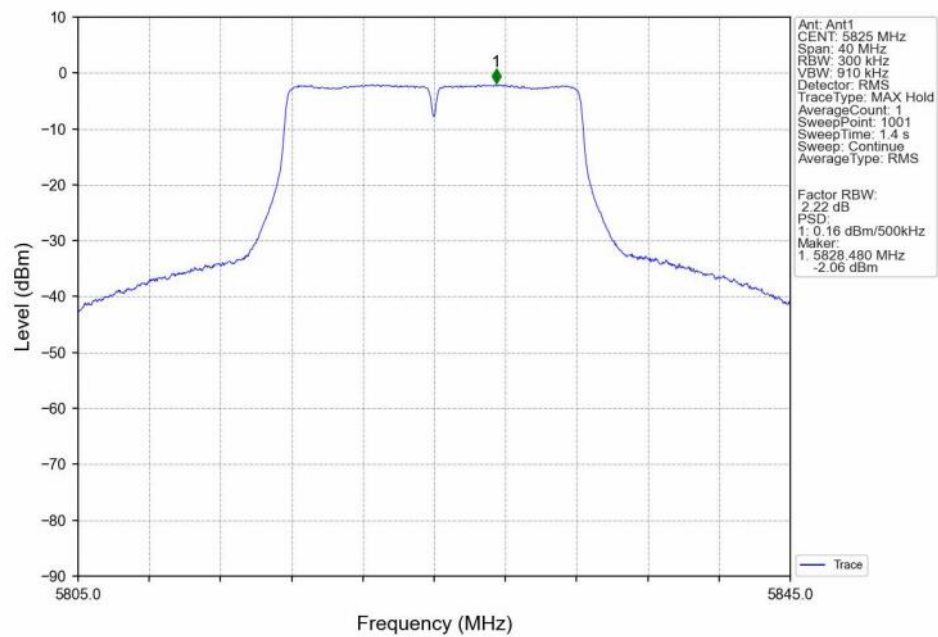
802.11ac(VHT80) HCH\_5610MHz\_Ant1\_NTNV



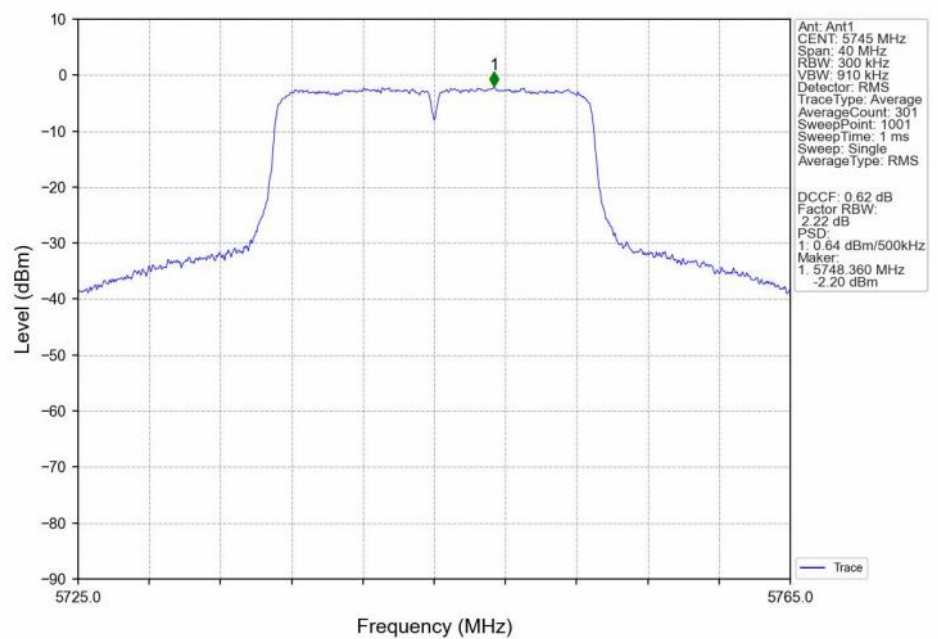
4.2.2 PSD-Band3



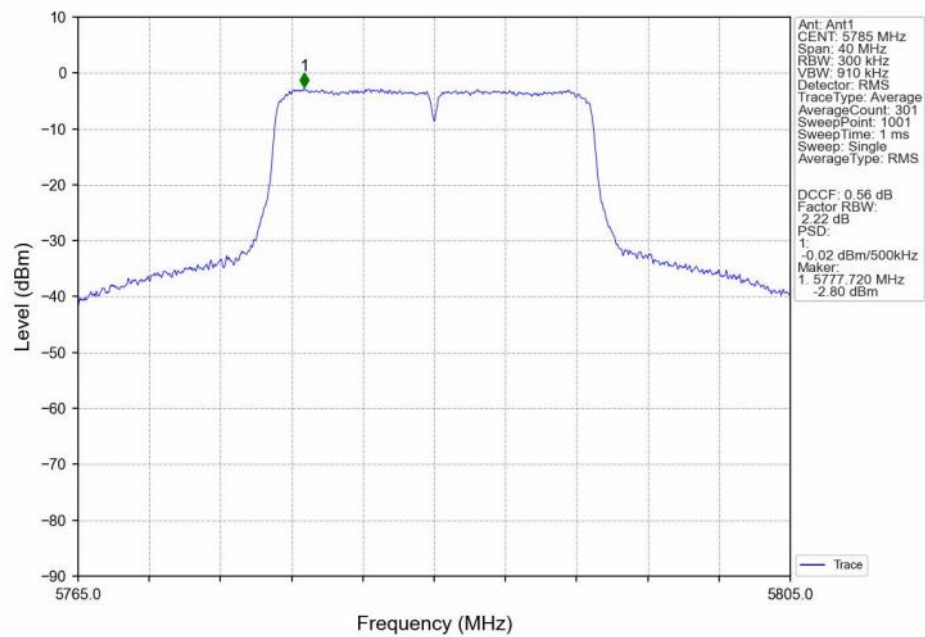
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



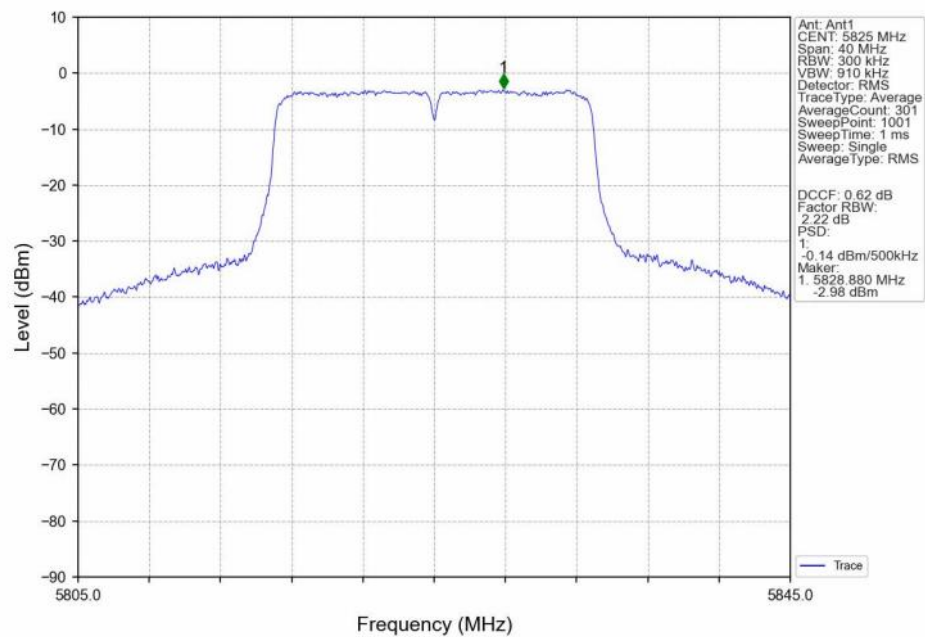
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



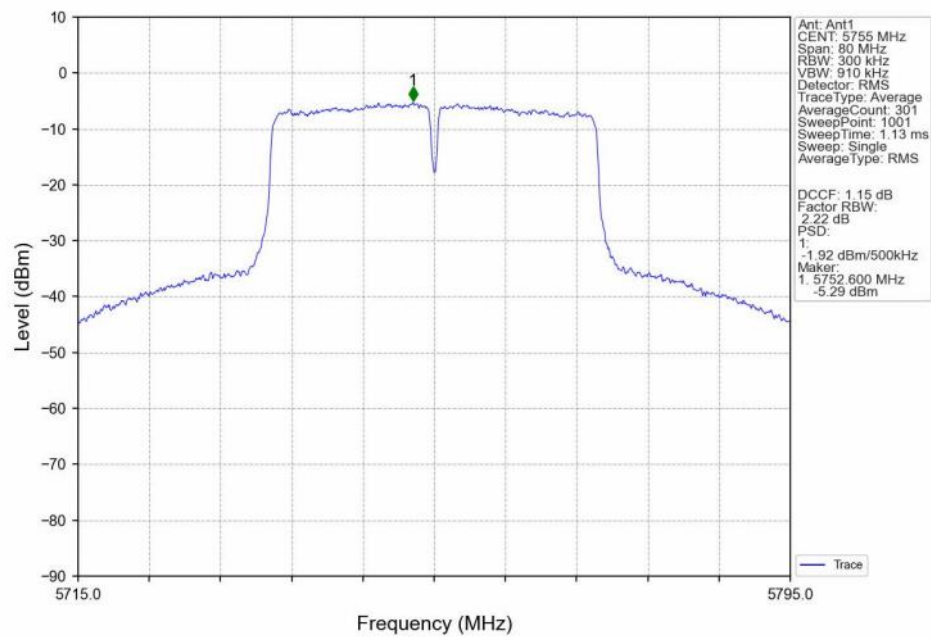
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



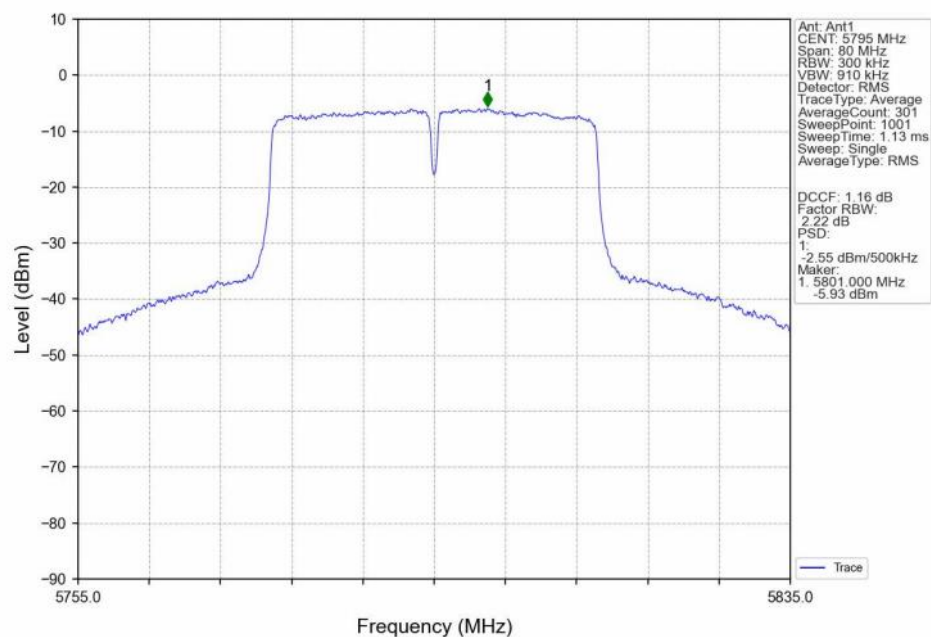
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



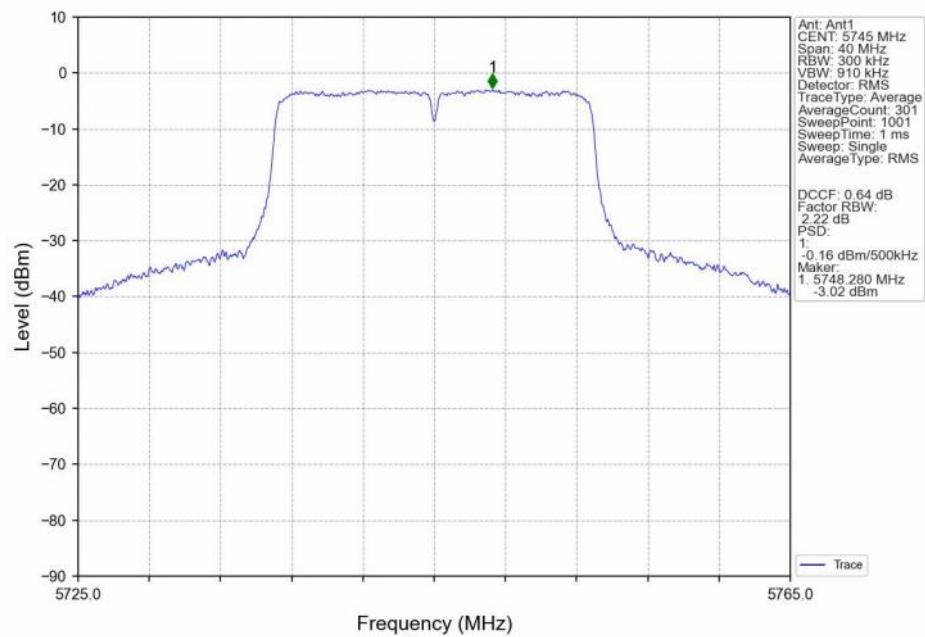
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



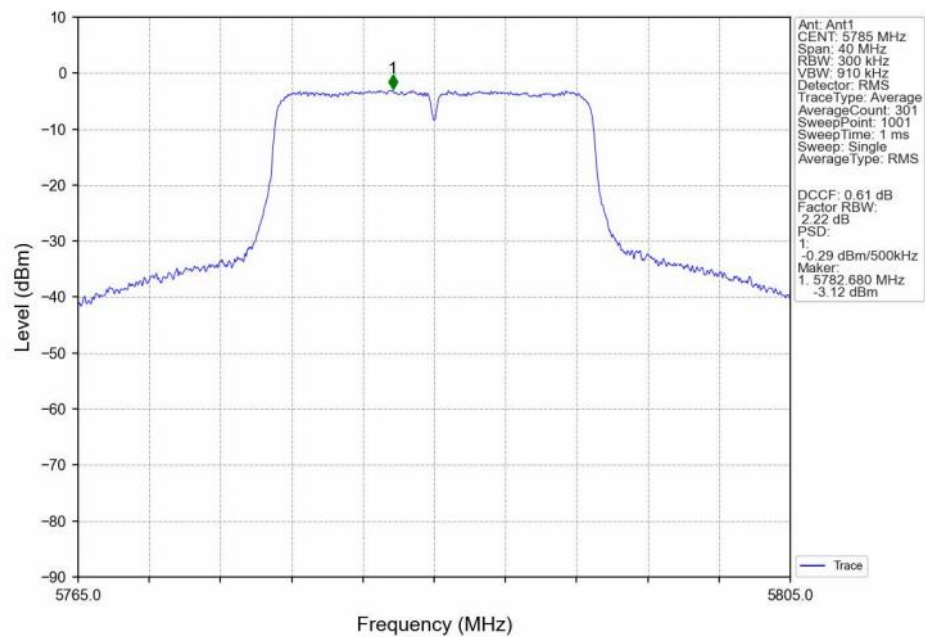
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



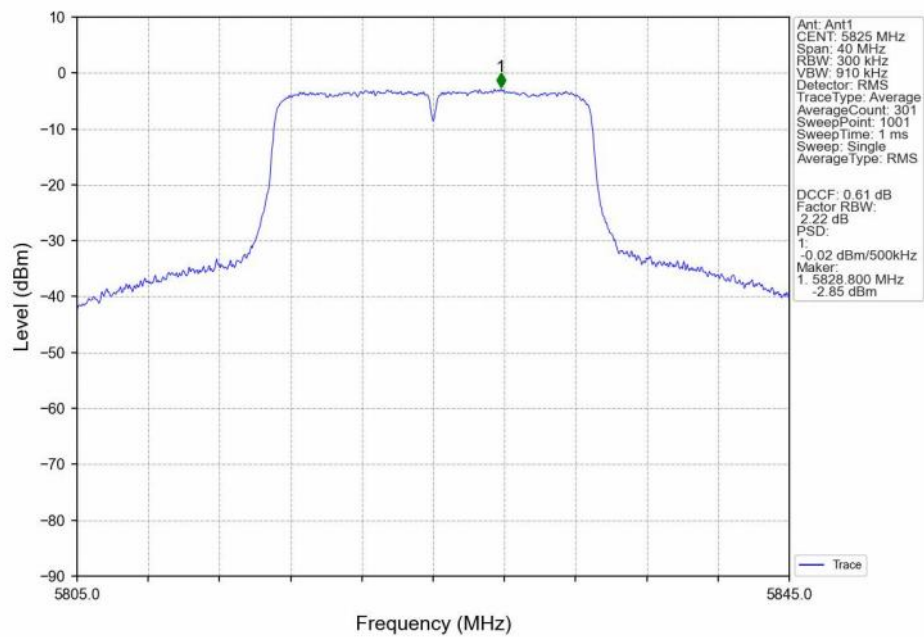
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



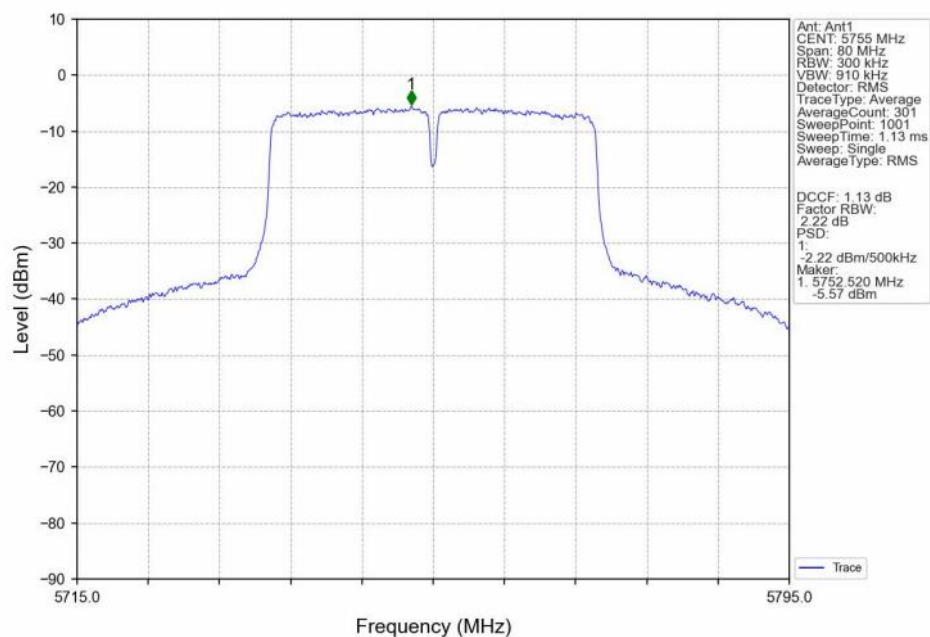
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



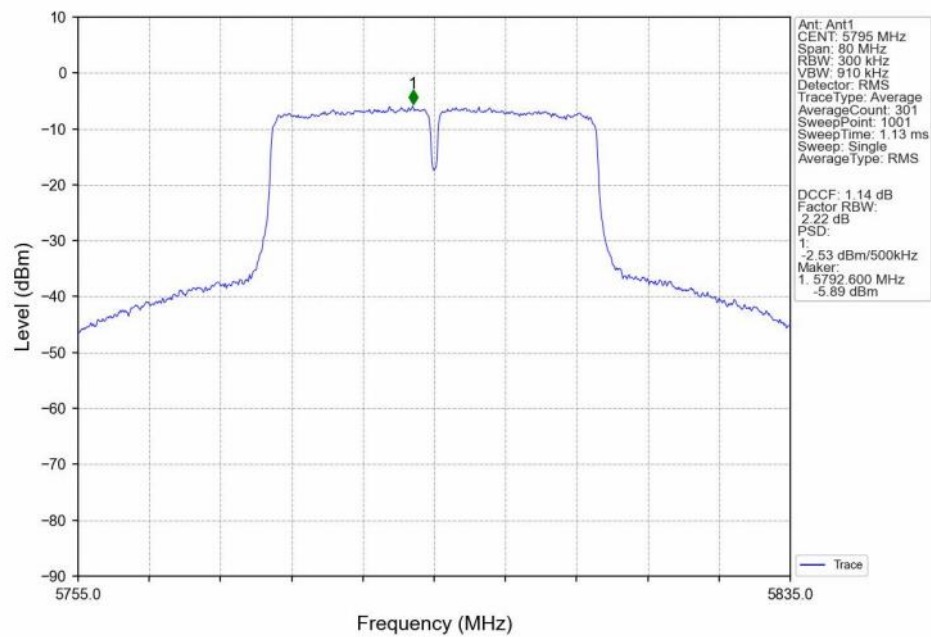
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



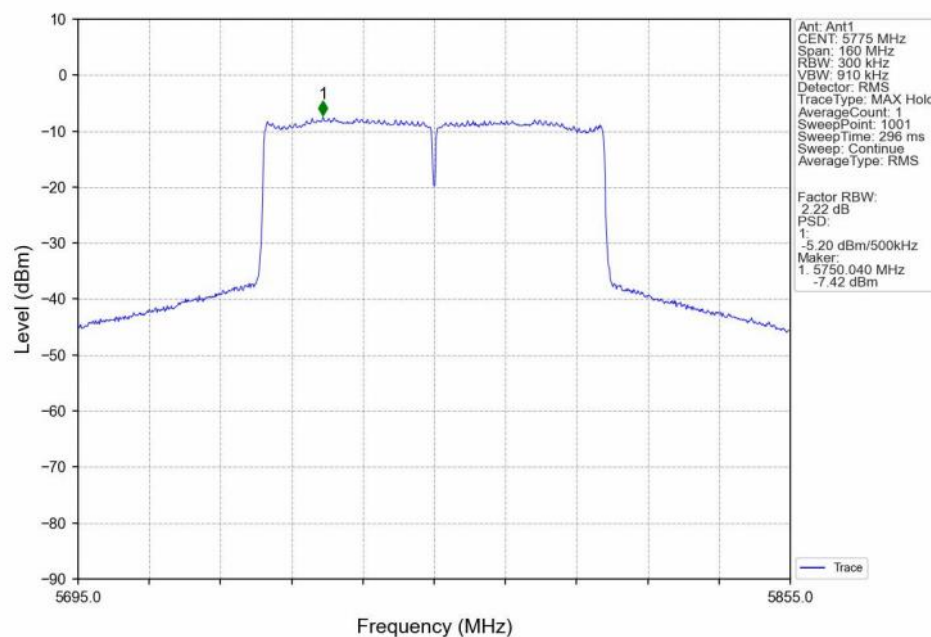
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



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



## 5. Frequency Stability

### 5.1 Test Result

#### 5.1.1 Ant1

| Ant1    |         |                 |                  |               |                          |              |         |
|---------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode    | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz)  | Verdict |
| 802.11a | SISO    | 5180            | 20               | 102           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5180.000                 | 5150 to 5250 | Pass    |
|         |         | 5200            | 20               | 102           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5200.000                 | 5150 to 5250 | Pass    |
|         |         | 5240            | 20               | 102           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 |                  | 138           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -30              | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -20              | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | -10              | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 0                | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 10               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 30               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 40               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         |                 | 50               | 120           | 5240.000                 | 5150 to 5250 | Pass    |
|         |         | 5260            | 20               | 102           | 5259.960                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 120           | 5259.980                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 138           | 5260.020                 | 5250 to 5350 | Pass    |
|         |         |                 | -30              | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | -20              | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | -10              | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | 0                | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | 10               | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | 30               | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | 40               | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         |                 | 50               | 120           | 5260.000                 | 5250 to 5350 | Pass    |
|         |         | 5300            | 20               | 102           | 5299.980                 | 5250 to 5350 | Pass    |
|         |         |                 |                  | 120           | 5299.980                 | 5250 to 5350 | Pass    |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      |     | 138 | 5299.980 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5299.980 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5299.980 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5299.980 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5299.980 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5320.020 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5319.920 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  | 5500 | 20  | 102 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5499.900 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5499.920 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5499.920 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5499.920 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.060 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5579.960 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5580.020 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5579.980 | 5470 to 5725 | Pass |
|  |  | 5700 | 20  | 102 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5700.000 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5699.940 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5699.960 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5699.940 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5699.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5699.940 | 5470 to 5725 | Pass |
|  |  | 5745 | 20  | 102 | 5744.980 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5745.000 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5745.040 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5745.000 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5744.980 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5744.960 | 5725 to 5850 | Pass |

|                   |      |      |     |     |          |              |      |
|-------------------|------|------|-----|-----|----------|--------------|------|
|                   |      |      | 0   | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5745.060 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5745.020 | 5725 to 5850 | Pass |
|                   |      | 5785 | 20  | 102 | 5784.960 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5785.040 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5785.000 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5785.040 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      | 5825 | 20  | 102 | 5825.040 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5825.000 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5825.020 | 5725 to 5850 | Pass |
| 802.11n<br>(HT20) | SISO | 5180 | 20  | 102 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5179.940 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5179.940 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5180.000 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5179.980 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5180.040 | 5150 to 5250 | Pass |
|                   |      | 5200 | 20  | 102 | 5199.960 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5199.980 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5199.940 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5199.980 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5199.960 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5199.960 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5199.980 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5200.020 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5200.000 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5199.960 | 5150 to 5250 | Pass |
|                   |      | 5240 | 20  | 102 | 5239.940 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5239.960 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5239.960 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5239.980 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5239.980 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5239.980 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5239.980 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5239.940 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5239.960 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5240.020 | 5150 to 5250 | Pass |

|  |  |      |    |     |          |              |      |
|--|--|------|----|-----|----------|--------------|------|
|  |  |      | 50 | 120 | 5239.920 | 5150 to 5250 | Pass |
|  |  | 5260 | 20 | 102 | 5259.920 | 5250 to 5350 | Pass |
|  |  |      |    | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |  |      |    | 138 | 5259.960 | 5250 to 5350 | Pass |
|  |  |      |    | -30 | 5259.980 | 5250 to 5350 | Pass |
|  |  |      |    | -20 | 5259.960 | 5250 to 5350 | Pass |
|  |  |      |    | -10 | 5259.920 | 5250 to 5350 | Pass |
|  |  |      |    | 0   | 5259.980 | 5250 to 5350 | Pass |
|  |  |      |    | 10  | 5259.940 | 5250 to 5350 | Pass |
|  |  |      |    | 30  | 5259.920 | 5250 to 5350 | Pass |
|  |  |      |    | 40  | 5260.000 | 5250 to 5350 | Pass |
|  |  |      | 50 | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |  | 5300 | 20 | 102 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      |    | 120 | 5299.980 | 5250 to 5350 | Pass |
|  |  |      |    | 138 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      |    | -30 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      |    | -20 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      |    | -10 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      |    | 0   | 5299.960 | 5250 to 5350 | Pass |
|  |  |      |    | 10  | 5300.000 | 5250 to 5350 | Pass |
|  |  |      |    | 30  | 5300.000 | 5250 to 5350 | Pass |
|  |  |      |    | 40  | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 50 | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  | 5320 | 20 | 102 | 5319.880 | 5250 to 5350 | Pass |
|  |  |      |    | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |    | 138 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      |    | -30 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      |    | -20 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      |    | -10 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      |    | 0   | 5319.940 | 5250 to 5350 | Pass |
|  |  |      |    | 10  | 5319.960 | 5250 to 5350 | Pass |
|  |  |      |    | 30  | 5319.980 | 5250 to 5350 | Pass |
|  |  |      |    | 40  | 5319.960 | 5250 to 5350 | Pass |
|  |  |      | 50 | 120 | 5319.940 | 5250 to 5350 | Pass |
|  |  | 5500 | 20 | 102 | 5500.020 | 5470 to 5725 | Pass |
|  |  |      |    | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      |    | 138 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      |    | -30 | 5499.920 | 5470 to 5725 | Pass |
|  |  |      |    | -20 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      |    | -10 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      |    | 0   | 5499.960 | 5470 to 5725 | Pass |
|  |  |      |    | 10  | 5499.920 | 5470 to 5725 | Pass |
|  |  |      |    | 30  | 5499.980 | 5470 to 5725 | Pass |
|  |  |      |    | 40  | 5499.900 | 5470 to 5725 | Pass |
|  |  |      | 50 | 120 | 5499.860 | 5470 to 5725 | Pass |
|  |  | 5580 | 20 | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |    | 120 | 5579.960 | 5470 to 5725 | Pass |
|  |  |      |    | 138 | 5579.980 | 5470 to 5725 | Pass |
|  |  |      |    | -30 | 5579.960 | 5470 to 5725 | Pass |
|  |  |      |    | -20 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |    | -10 | 5579.980 | 5470 to 5725 | Pass |
|  |  |      |    | 0   | 5579.980 | 5470 to 5725 | Pass |
|  |  |      |    | 10  | 5580.020 | 5470 to 5725 | Pass |
|  |  |      |    | 30  | 5579.960 | 5470 to 5725 | Pass |
|  |  |      |    | 40  | 5579.980 | 5470 to 5725 | Pass |
|  |  |      | 50 | 120 | 5579.920 | 5470 to 5725 | Pass |
|  |  | 5700 | 20 | 102 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      |    | 120 | 5700.000 | 5470 to 5725 | Pass |
|  |  |      |    | 138 | 5699.960 | 5470 to 5725 | Pass |

|                   |      |      |     |     |          |              |      |
|-------------------|------|------|-----|-----|----------|--------------|------|
|                   |      |      | -30 | 120 | 5699.920 | 5470 to 5725 | Pass |
|                   |      |      | -20 | 120 | 5700.000 | 5470 to 5725 | Pass |
|                   |      |      | -10 | 120 | 5699.960 | 5470 to 5725 | Pass |
|                   |      |      | 0   | 120 | 5700.020 | 5470 to 5725 | Pass |
|                   |      |      | 10  | 120 | 5699.960 | 5470 to 5725 | Pass |
|                   |      |      | 30  | 120 | 5699.940 | 5470 to 5725 | Pass |
|                   |      |      | 40  | 120 | 5699.940 | 5470 to 5725 | Pass |
|                   |      |      | 50  | 120 | 5699.980 | 5470 to 5725 | Pass |
|                   |      | 5745 | 20  | 102 | 5745.020 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5744.960 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5745.000 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5744.960 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5745.020 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5744.940 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5744.960 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5744.980 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5745.040 | 5725 to 5850 | Pass |
|                   |      | 5785 | 20  | 102 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5785.000 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5784.960 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5785.020 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                   |      | 5825 | 20  | 102 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      |     | 120 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      |     | 138 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | -30 | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | -20 | 120 | 5825.020 | 5725 to 5850 | Pass |
|                   |      |      | -10 | 120 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | 0   | 120 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | 10  | 120 | 5824.960 | 5725 to 5850 | Pass |
|                   |      |      | 30  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                   |      |      | 40  | 120 | 5824.980 | 5725 to 5850 | Pass |
|                   |      |      | 50  | 120 | 5825.000 | 5725 to 5850 | Pass |
| 802.11n<br>(HT40) | SISO | 5190 | 20  | 102 | 5189.960 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5190.080 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5190.000 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5190.000 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5190.000 | 5150 to 5250 | Pass |
|                   |      |      | 10  | 120 | 5189.960 | 5150 to 5250 | Pass |
|                   |      |      | 30  | 120 | 5190.040 | 5150 to 5250 | Pass |
|                   |      |      | 40  | 120 | 5190.000 | 5150 to 5250 | Pass |
|                   |      |      | 50  | 120 | 5190.000 | 5150 to 5250 | Pass |
|                   |      | 5230 | 20  | 102 | 5230.000 | 5150 to 5250 | Pass |
|                   |      |      |     | 120 | 5230.040 | 5150 to 5250 | Pass |
|                   |      |      |     | 138 | 5230.040 | 5150 to 5250 | Pass |
|                   |      |      | -30 | 120 | 5230.040 | 5150 to 5250 | Pass |
|                   |      |      | -20 | 120 | 5230.000 | 5150 to 5250 | Pass |
|                   |      |      | -10 | 120 | 5230.040 | 5150 to 5250 | Pass |
|                   |      |      | 0   | 120 | 5230.000 | 5150 to 5250 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | 10  | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |  |      | 30  | 120 | 5229.960 | 5150 to 5250 | Pass |
|  |  |      | 40  | 120 | 5230.040 | 5150 to 5250 | Pass |
|  |  |      | 50  | 120 | 5230.000 | 5150 to 5250 | Pass |
|  |  | 5270 | 20  | 102 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5269.920 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5269.960 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5269.920 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5270.000 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5269.920 | 5250 to 5350 | Pass |
|  |  | 5310 | 20  | 102 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5310.000 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5310.000 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5310.000 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5309.960 | 5250 to 5350 | Pass |
|  |  | 5510 | 20  | 102 | 5510.000 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5510.000 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5509.960 | 5470 to 5725 | Pass |
|  |  | 5550 | 20  | 102 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5550.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5550.000 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5549.920 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5549.960 | 5470 to 5725 | Pass |
|  |  | 5670 | 20  | 102 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5670.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5669.920 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5669.960 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5669.960 | 5470 to 5725 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      | 5755 | 20  | 102 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5755.040 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      | 5795 | 20  | 102 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5795.000 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT20) | SISO | 5180 | 20  | 102 | 5180.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5179.940 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5180.020 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5179.940 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5179.960 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5179.980 | 5150 to 5250 | Pass |
|                     |      | 5200 | 20  | 102 | 5200.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5200.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5199.960 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5200.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5199.980 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5200.020 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5199.980 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5199.980 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5199.960 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5200.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5199.980 | 5150 to 5250 | Pass |
|                     |      | 5240 | 20  | 102 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5240.020 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5239.980 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5240.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5240.020 | 5150 to 5250 | Pass |
|                     |      | 5260 | 20  | 102 | 5259.980 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5259.960 | 5250 to 5350 | Pass |
|                     |      |      |     | 138 | 5259.960 | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5259.920 | 5250 to 5350 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  |      | -20 | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5260.000 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5259.960 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5259.960 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5259.980 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5259.940 | 5250 to 5350 | Pass |
|  |  | 5300 | 20  | 102 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5299.920 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5299.920 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5299.960 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5299.940 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5300.000 | 5250 to 5350 | Pass |
|  |  | 5320 | 20  | 102 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      |     | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  |      |     | 138 | 5319.920 | 5250 to 5350 | Pass |
|  |  |      | -30 | 120 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      | -20 | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | -10 | 120 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      | 0   | 120 | 5319.940 | 5250 to 5350 | Pass |
|  |  |      | 10  | 120 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      | 30  | 120 | 5319.980 | 5250 to 5350 | Pass |
|  |  |      | 40  | 120 | 5319.960 | 5250 to 5350 | Pass |
|  |  |      | 50  | 120 | 5320.000 | 5250 to 5350 | Pass |
|  |  | 5500 | 20  | 102 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5499.920 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5499.940 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5499.980 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5499.960 | 5470 to 5725 | Pass |
|  |  | 5580 | 20  | 102 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 30  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 40  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5580.000 | 5470 to 5725 | Pass |
|  |  | 5700 | 20  | 102 | 5699.960 | 5470 to 5725 | Pass |
|  |  |      |     | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      |     | 138 | 5699.960 | 5470 to 5725 | Pass |
|  |  |      | -30 | 120 | 5699.940 | 5470 to 5725 | Pass |
|  |  |      | -20 | 120 | 5699.980 | 5470 to 5725 | Pass |
|  |  |      | -10 | 120 | 5699.940 | 5470 to 5725 | Pass |
|  |  |      | 0   | 120 | 5699.960 | 5470 to 5725 | Pass |
|  |  |      | 10  | 120 | 5699.960 | 5470 to 5725 | Pass |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
| 802.11ac<br>(VHT40) | SISO |      | 30  | 120 | 5699.940 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5699.960 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5699.920 | 5470 to 5725 | Pass |
|                     |      | 5745 | 20  | 102 | 5744.960 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5744.940 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5744.960 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5745.020 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5744.960 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5744.940 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5744.920 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5744.980 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5744.940 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5744.960 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5745.000 | 5725 to 5850 | Pass |
|                     |      | 5785 | 20  | 102 | 5784.960 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5784.980 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5785.000 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5784.980 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5784.960 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5784.960 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5784.960 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5784.960 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5784.980 | 5725 to 5850 | Pass |
|                     |      | 5825 | 20  | 102 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5824.960 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5824.960 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5824.980 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5824.960 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5824.960 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5824.960 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5825.000 | 5725 to 5850 | Pass |
|                     | SISO | 5190 | 20  | 102 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5189.960 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5189.960 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5190.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5190.040 | 5150 to 5250 | Pass |
|                     |      | 5230 | 20  | 102 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5229.960 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5229.960 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5230.000 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5230.040 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5230.000 | 5150 to 5250 | Pass |
|                     |      | 5270 | 20  | 102 | 5269.920 | 5250 to 5350 | Pass |

|  |  |      |     |          |              |              |              |      |
|--|--|------|-----|----------|--------------|--------------|--------------|------|
|  |  |      |     |          | 120          | 5270.000     | 5250 to 5350 | Pass |
|  |  |      |     |          | 138          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | -30      | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | -20      | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | -10      | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | 0        | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | 10       | 120          | 5270.000     | 5250 to 5350 | Pass |
|  |  |      |     | 30       | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | 40       | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  |      |     | 50       | 120          | 5269.960     | 5250 to 5350 | Pass |
|  |  | 5310 | 20  | 102      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      |     | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      |     | 138      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | -30 | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | -20 | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | -10 | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | 0   | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | 10  | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | 30  | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  |      | 40  | 120      | 5309.960     | 5250 to 5350 | Pass         |      |
|  |  | 50   | 120 | 5309.960 | 5250 to 5350 | Pass         |              |      |
|  |  | 5510 | 20  | 102      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 120      | 5509.920     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 138      | 5509.920     | 5470 to 5725 | Pass         |      |
|  |  |      | -30 | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -20 | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -10 | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 0   | 120      | 5510.000     | 5470 to 5725 | Pass         |      |
|  |  |      | 10  | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 30  | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 40  | 120      | 5509.960     | 5470 to 5725 | Pass         |      |
|  |  | 50   | 120 | 5509.960 | 5470 to 5725 | Pass         |              |      |
|  |  | 5550 | 20  | 102      | 5549.920     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 138      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -30 | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -20 | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -10 | 120      | 5550.000     | 5470 to 5725 | Pass         |      |
|  |  |      | 0   | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 10  | 120      | 5549.920     | 5470 to 5725 | Pass         |      |
|  |  |      | 30  | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 40  | 120      | 5549.960     | 5470 to 5725 | Pass         |      |
|  |  | 50   | 120 | 5549.960 | 5470 to 5725 | Pass         |              |      |
|  |  | 5670 | 20  | 102      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      |     | 138      | 5670.040     | 5470 to 5725 | Pass         |      |
|  |  |      | -30 | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      | -20 | 120      | 5670.000     | 5470 to 5725 | Pass         |      |
|  |  |      | -10 | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 0   | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 10  | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 30  | 120      | 5669.960     | 5470 to 5725 | Pass         |      |
|  |  |      | 40  | 120      | 5669.920     | 5470 to 5725 | Pass         |      |
|  |  | 50   | 120 | 5669.920 | 5470 to 5725 | Pass         |              |      |
|  |  | 5755 | 20  | 102      | 5754.960     | 5725 to 5850 | Pass         |      |
|  |  |      |     | 120      | 5755.000     | 5725 to 5850 | Pass         |      |
|  |  |      |     | 138      | 5755.000     | 5725 to 5850 | Pass         |      |
|  |  |      | -30 | 120      | 5754.960     | 5725 to 5850 | Pass         |      |
|  |  |      | -20 | 120      | 5754.960     | 5725 to 5850 | Pass         |      |

|                     |      |      |     |     |          |              |      |
|---------------------|------|------|-----|-----|----------|--------------|------|
|                     |      |      | -10 | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5755.000 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5754.960 | 5725 to 5850 | Pass |
|                     |      | 5795 | 20  | 102 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      |     | 138 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -30 | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -20 | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | -10 | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 0   | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 10  | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 30  | 120 | 5795.040 | 5725 to 5850 | Pass |
|                     |      |      | 40  | 120 | 5795.000 | 5725 to 5850 | Pass |
|                     |      |      | 50  | 120 | 5795.040 | 5725 to 5850 | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 20  | 102 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      |     | 120 | 5209.925 | 5150 to 5250 | Pass |
|                     |      |      |     | 138 | 5209.925 | 5150 to 5250 | Pass |
|                     |      |      | -30 | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | -20 | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | -10 | 120 | 5210.075 | 5150 to 5250 | Pass |
|                     |      |      | 0   | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | 10  | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | 30  | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | 40  | 120 | 5210.000 | 5150 to 5250 | Pass |
|                     |      |      | 50  | 120 | 5209.925 | 5150 to 5250 | Pass |
|                     |      | 5290 | 20  | 102 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      |     | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      |     | 138 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | -30 | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | -20 | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | -10 | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | 0   | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | 10  | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | 30  | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | 40  | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      |      | 50  | 120 | 5290.000 | 5250 to 5350 | Pass |
|                     |      | 5530 | 20  | 102 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | -30 | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | -20 | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | 40  | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      |      | 50  | 120 | 5530.000 | 5470 to 5725 | Pass |
|                     |      | 5610 | 20  | 102 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      |     | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      |     | 138 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | -30 | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | -20 | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | -10 | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | 0   | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | 10  | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5610.000 | 5470 to 5725 | Pass |
|                     |      |      | 30  | 120 | 5610.000 | 5470 to 5725 | Pass |

|  |  |      |     |     |          |              |      |
|--|--|------|-----|-----|----------|--------------|------|
|  |  | 5775 | 40  | 120 | 5610.000 | 5470 to 5725 | Pass |
|  |  |      | 50  | 120 | 5610.000 | 5470 to 5725 | Pass |
|  |  |      | 20  | 102 | 5774.925 | 5725 to 5850 | Pass |
|  |  |      |     | 120 | 5775.000 | 5725 to 5850 | Pass |
|  |  |      |     | 138 | 5774.925 | 5725 to 5850 | Pass |
|  |  |      | -30 | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | -20 | 120 | 5773.424 | 5725 to 5850 | Pass |
|  |  |      | -10 | 120 | 5775.000 | 5725 to 5850 | Pass |
|  |  |      | 0   | 120 | 5774.925 | 5725 to 5850 | Pass |
|  |  |      | 10  | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 30  | 120 | 5775.000 | 5725 to 5850 | Pass |
|  |  |      | 40  | 120 | 5775.075 | 5725 to 5850 | Pass |
|  |  |      | 50  | 120 | 5775.075 | 5725 to 5850 | Pass |

## 6. Form731

### 6.1 Test Result

#### 6.1.1 Form731

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|------------------|-----------------|---------------|-----------------|
| 5180             | 5240            | 0.0315        | 14.98           |
| 5260             | 5320            | 0.0312        | 14.94           |
| 5500             | 5700            | 0.0339        | 15.30           |
| 5745             | 5825            | 0.0325        | 15.12           |
| 5190             | 5230            | 0.0303        | 14.82           |
| 5270             | 5310            | 0.0317        | 15.01           |
| 5510             | 5670            | 0.0334        | 15.24           |
| 5755             | 5795            | 0.0325        | 15.12           |
| 5210             | 5210            | 0.0290        | 14.63           |
| 5530             | 5610            | 0.0344        | 15.36           |