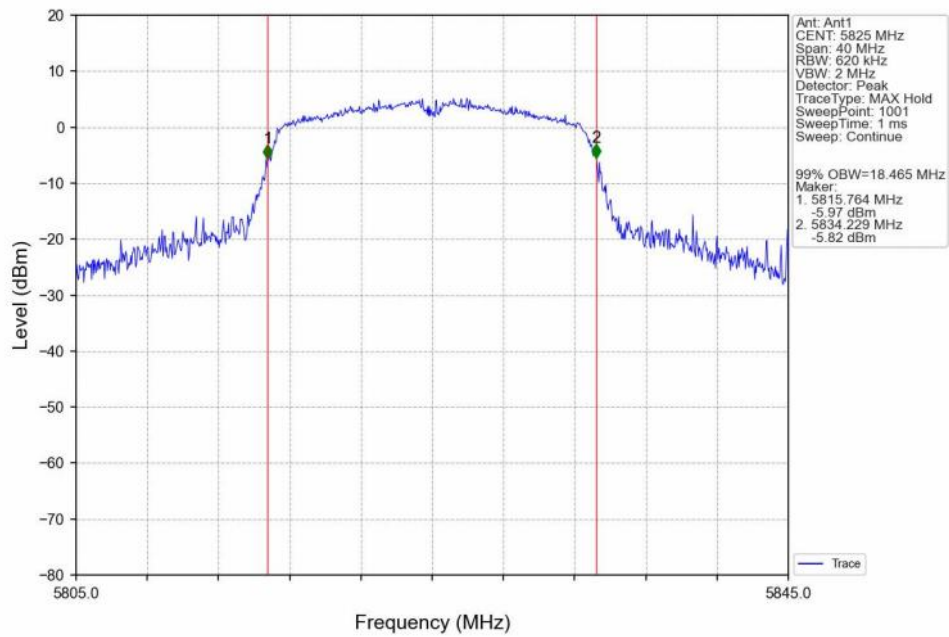
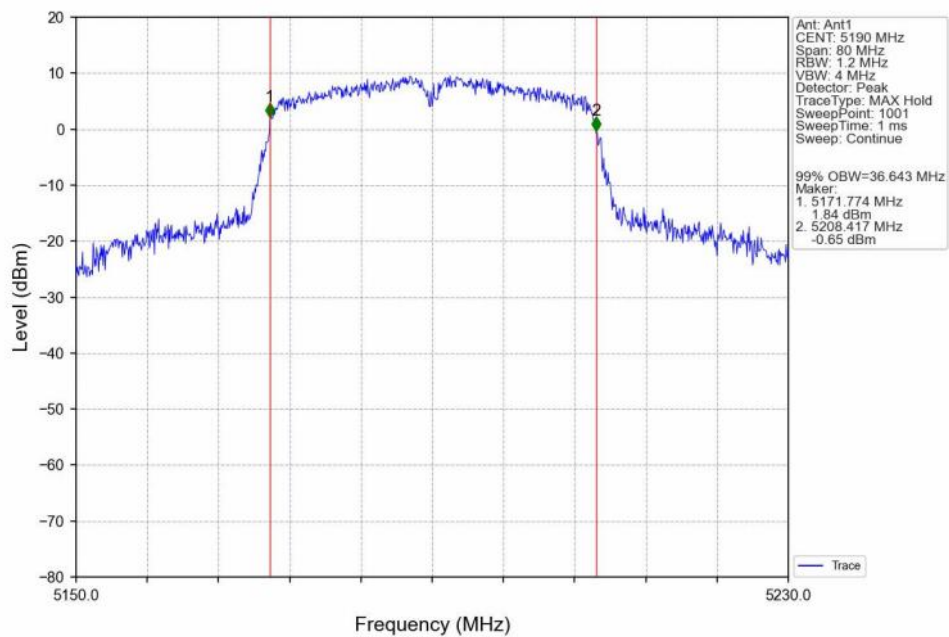


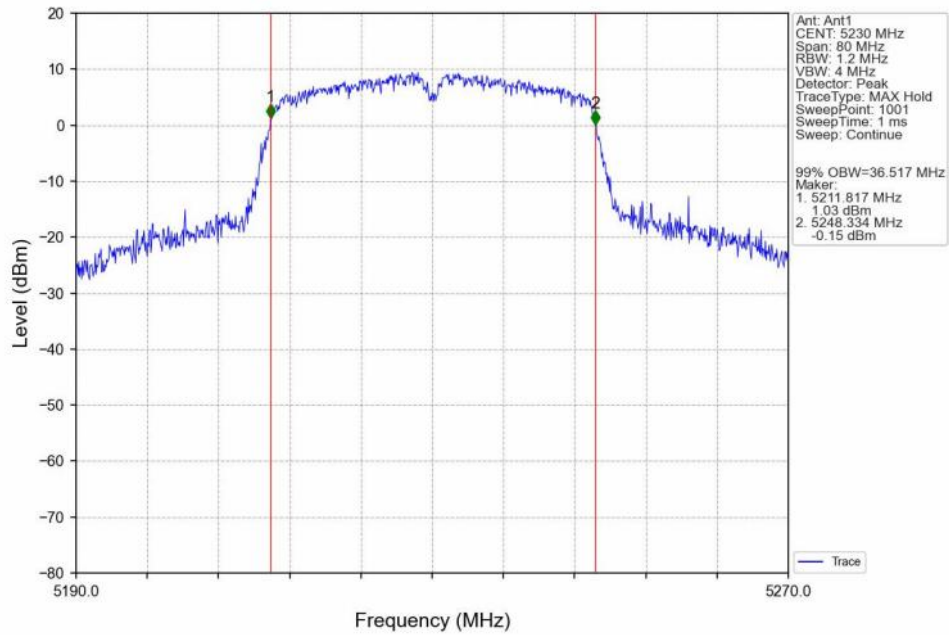
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



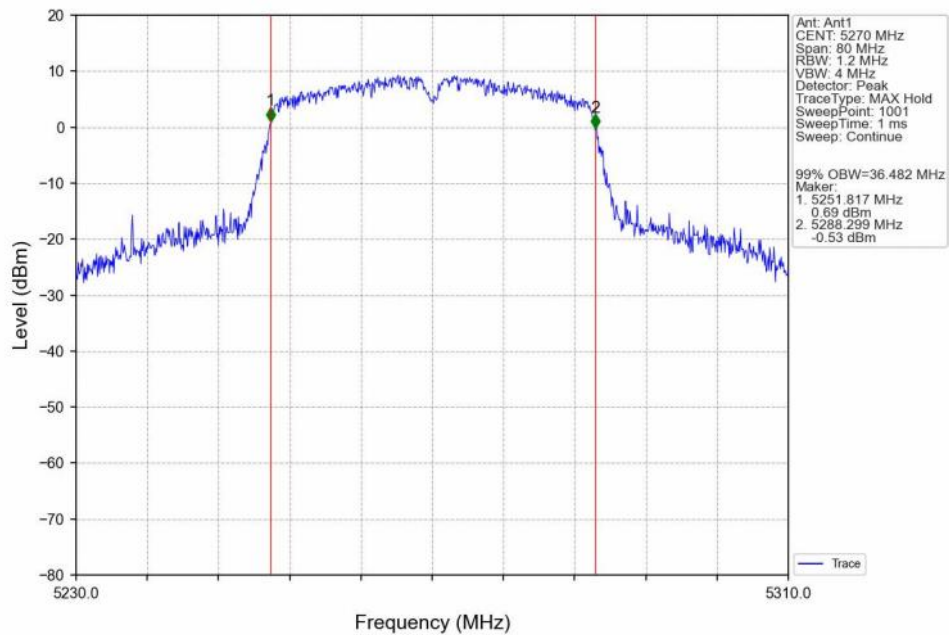
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



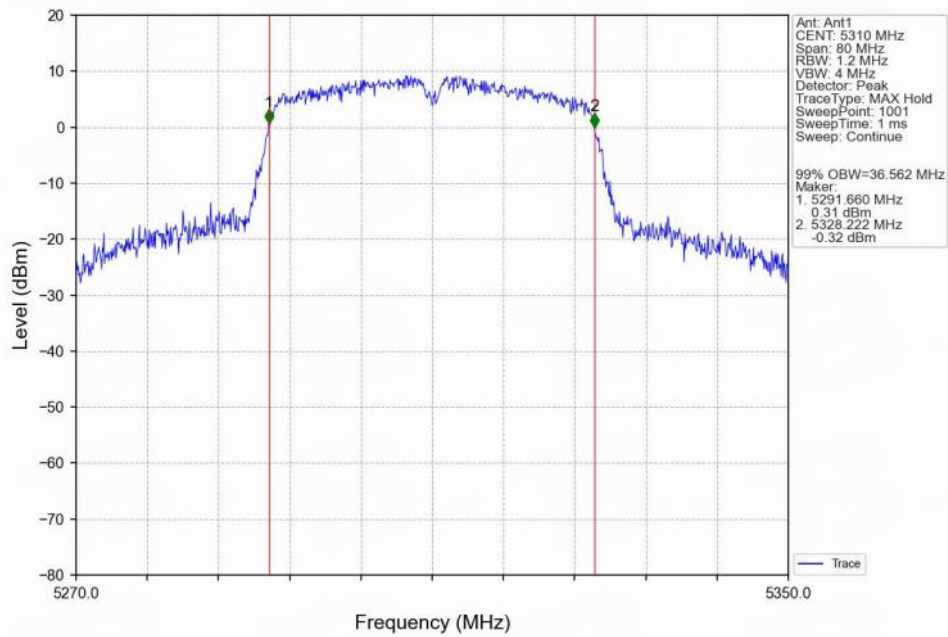
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



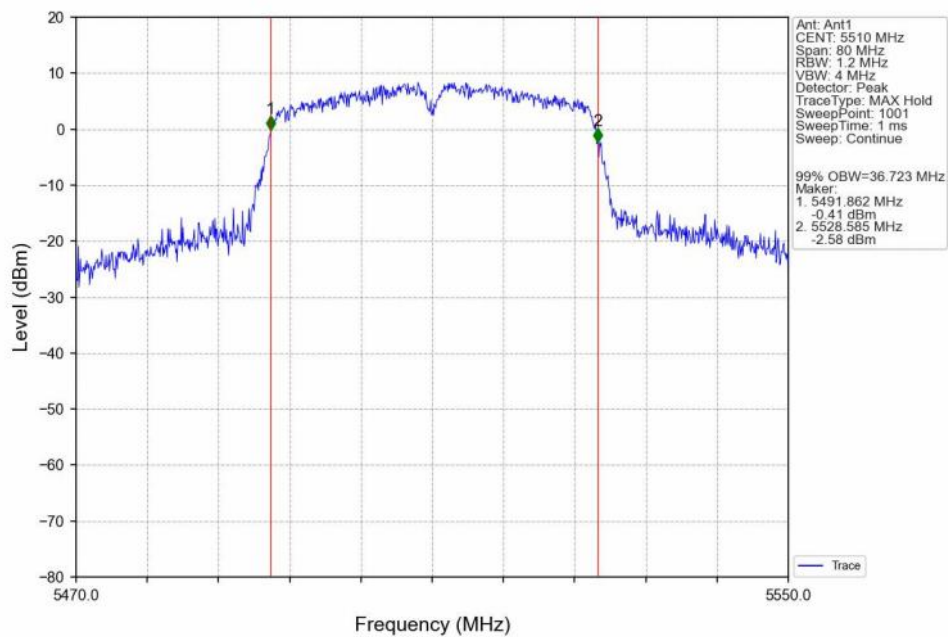
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



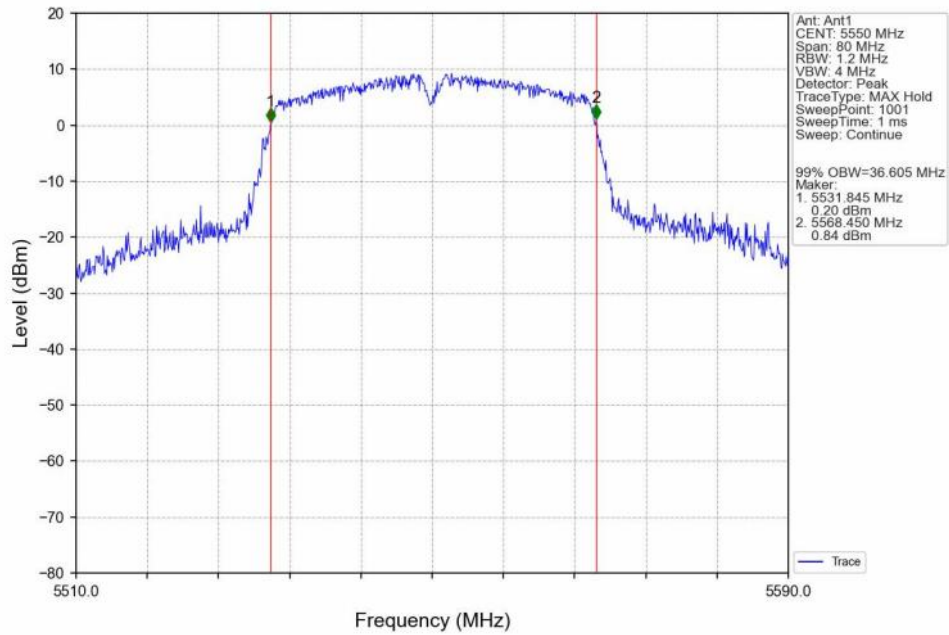
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



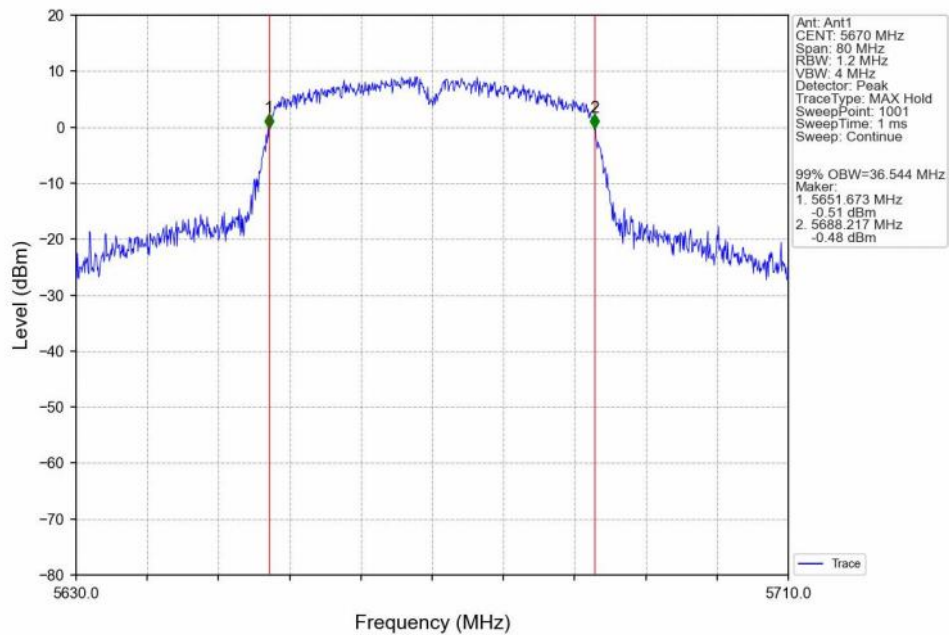
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



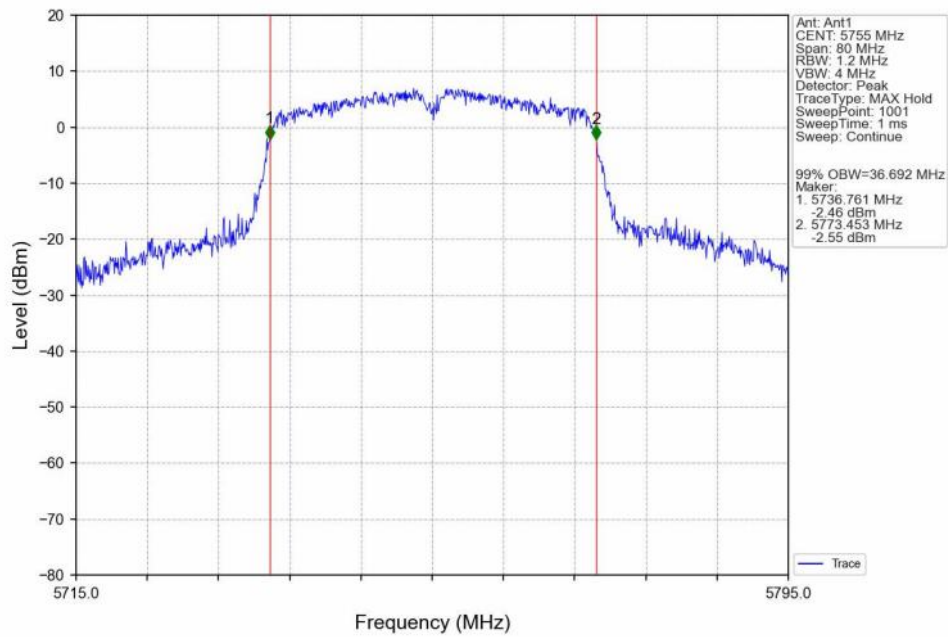
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



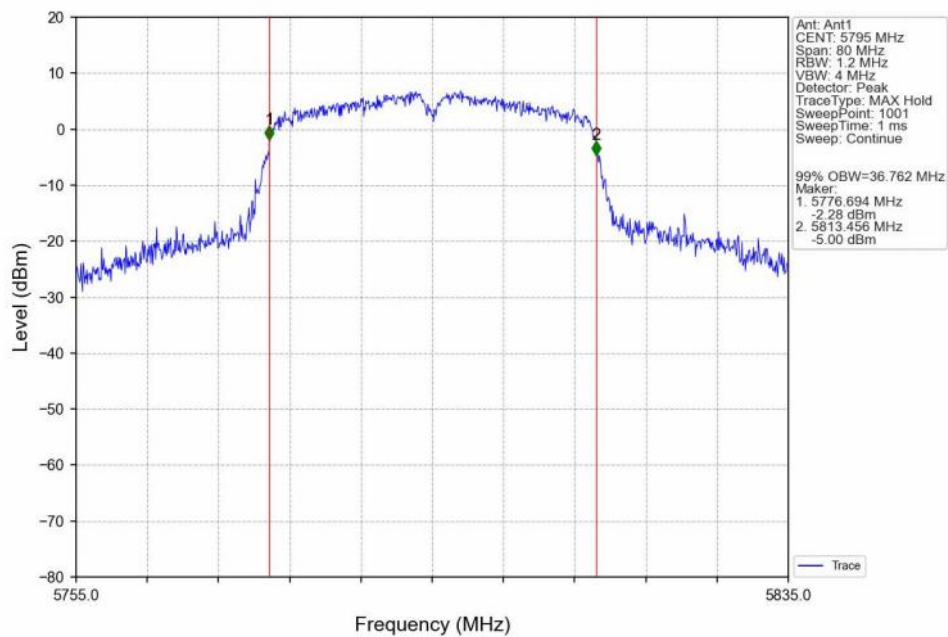
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



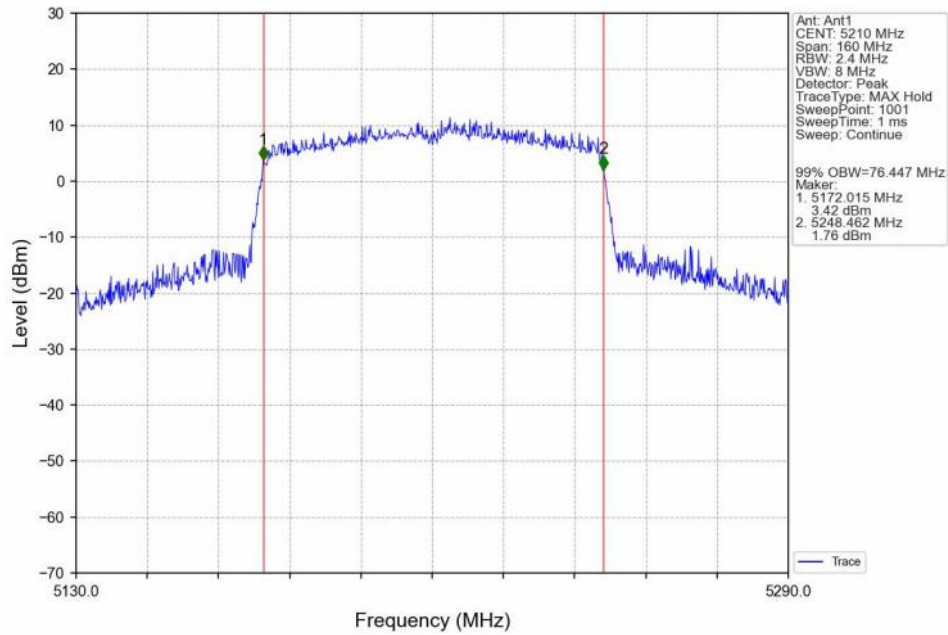
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



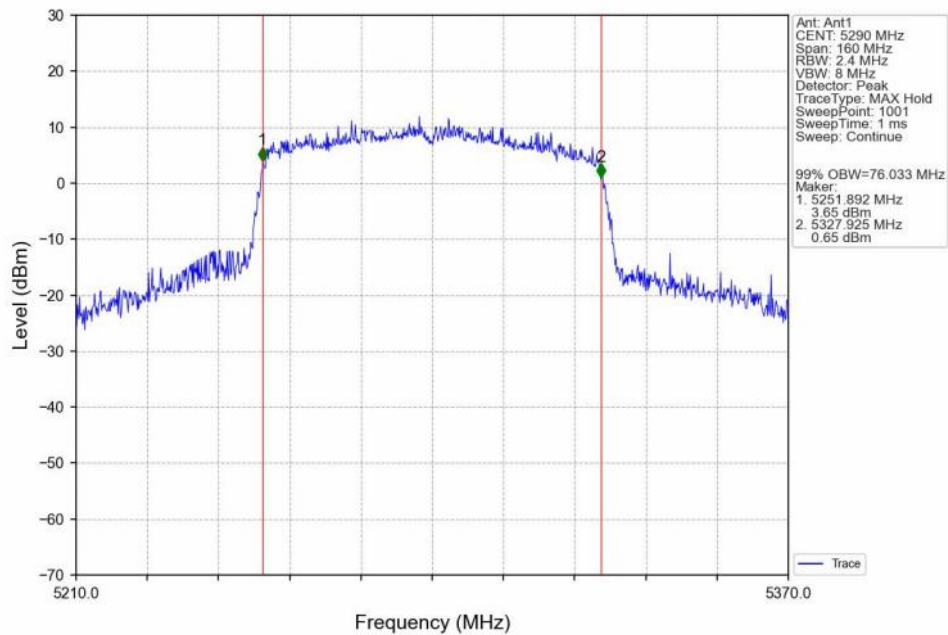
802.11ac(VHT40)\_HCH\_5795MHz\_Ant1\_NTNV



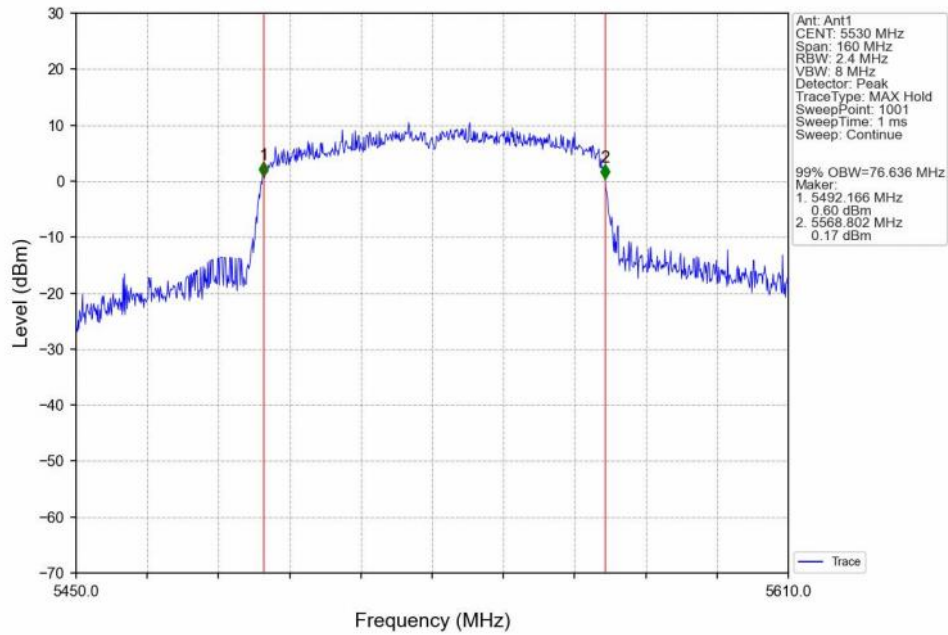
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



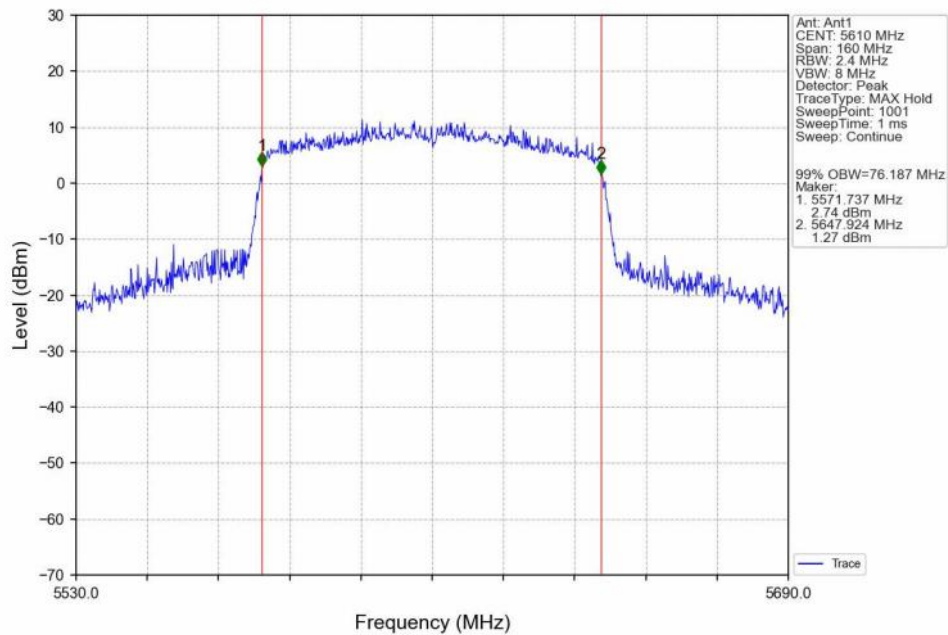
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV

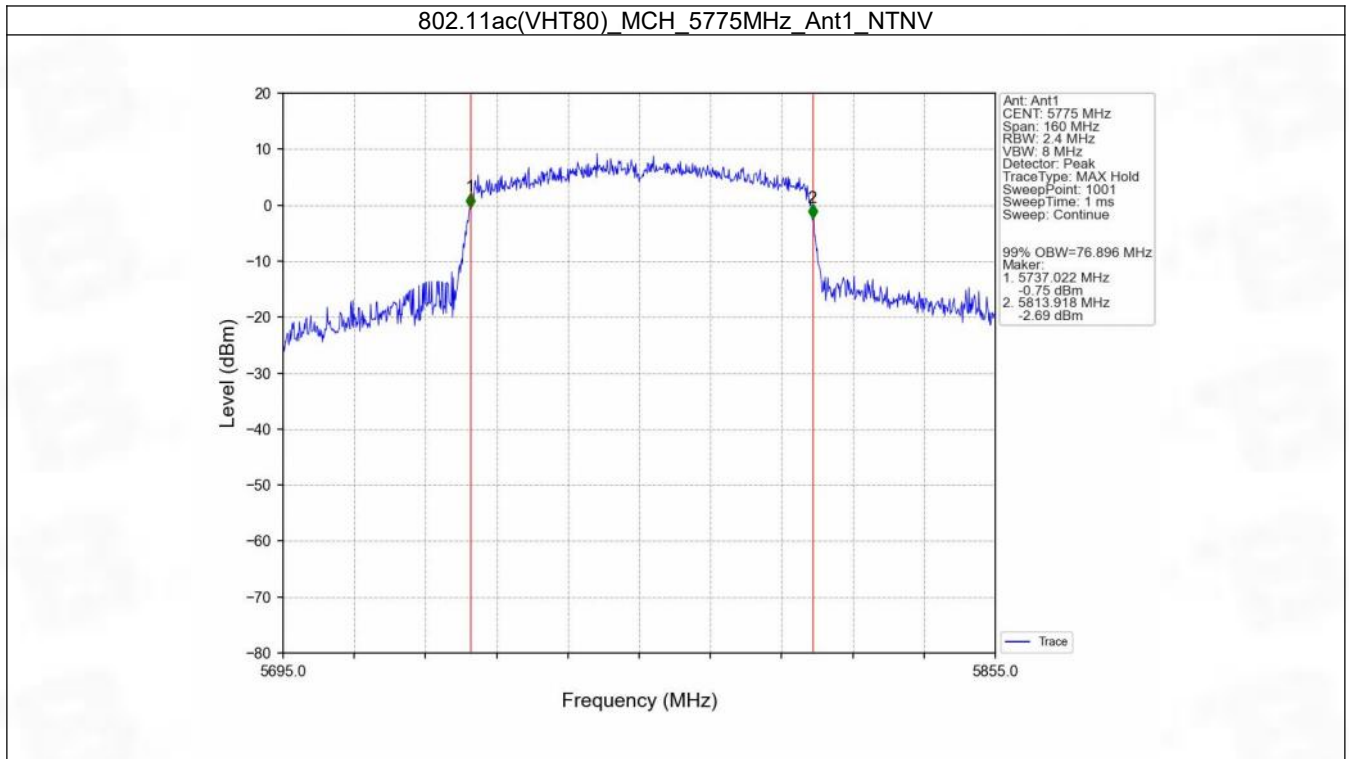


802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV

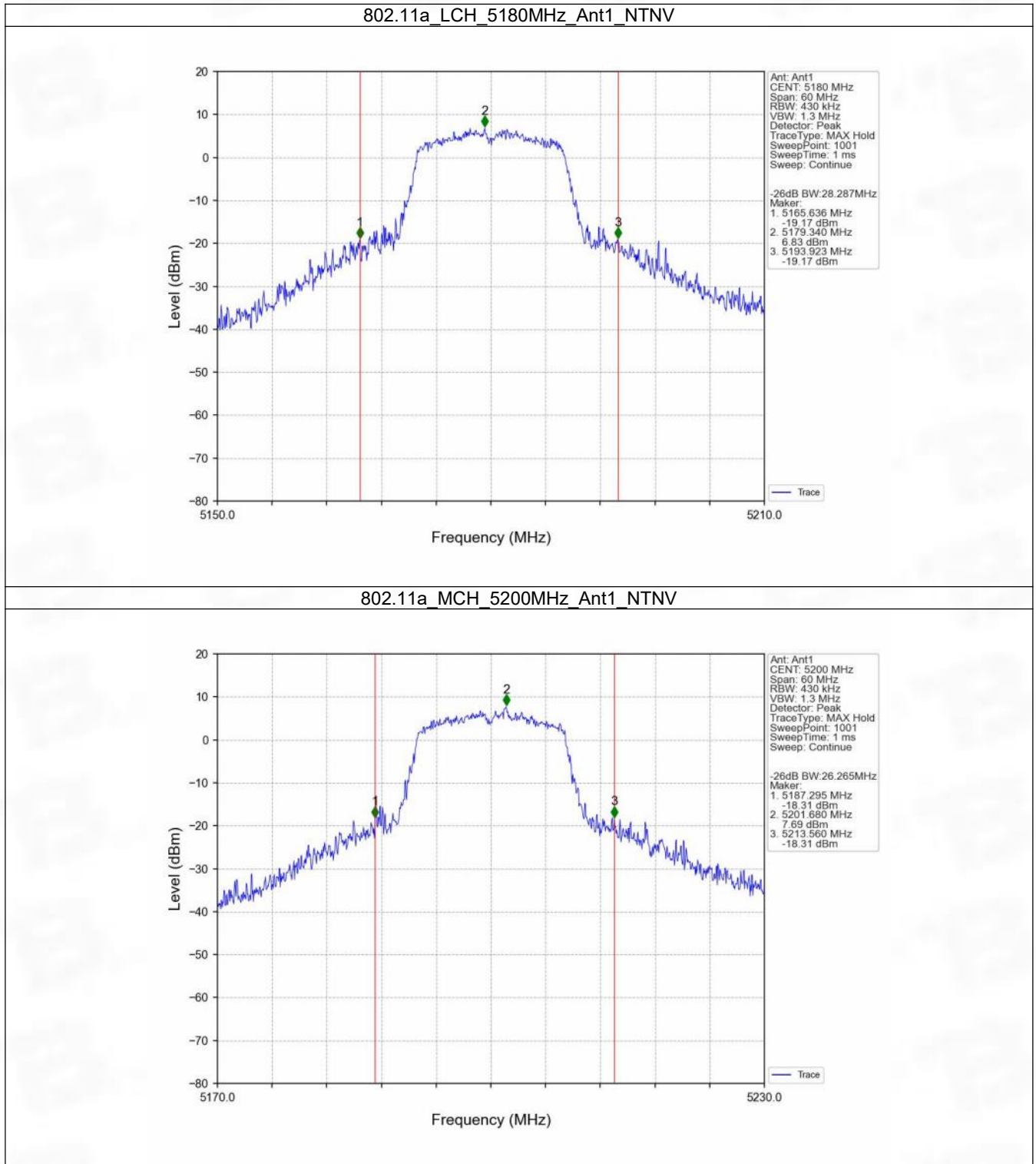


802.11ac(VHT80)\_HCH\_5610MHz\_Ant1\_NTNV

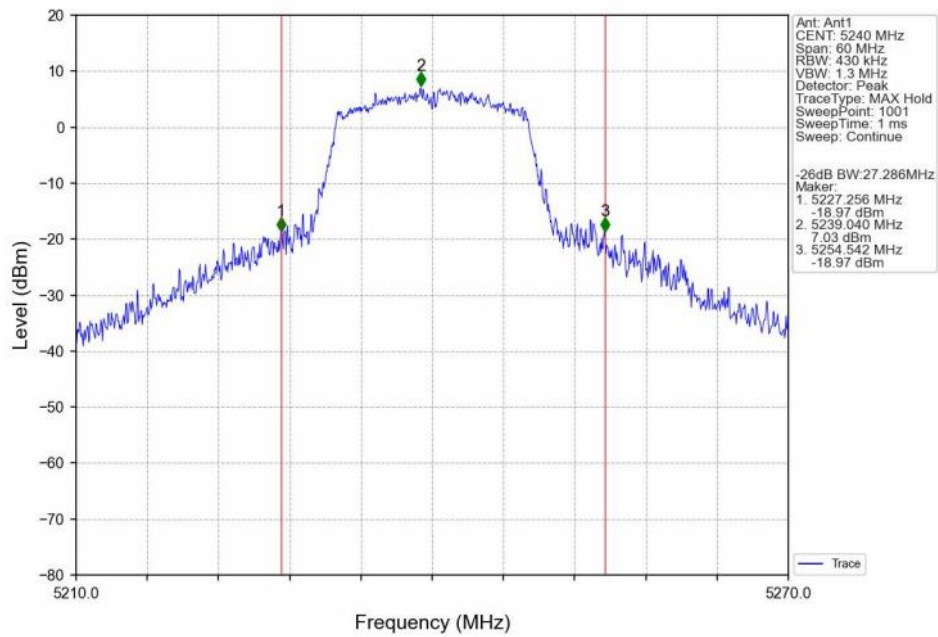




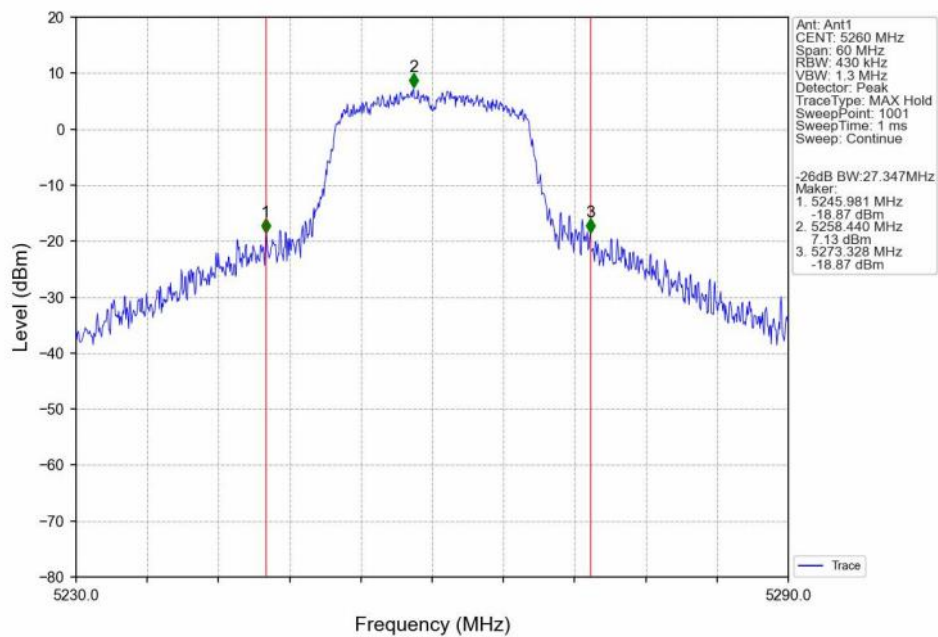
## 2.2.2 26dB BW



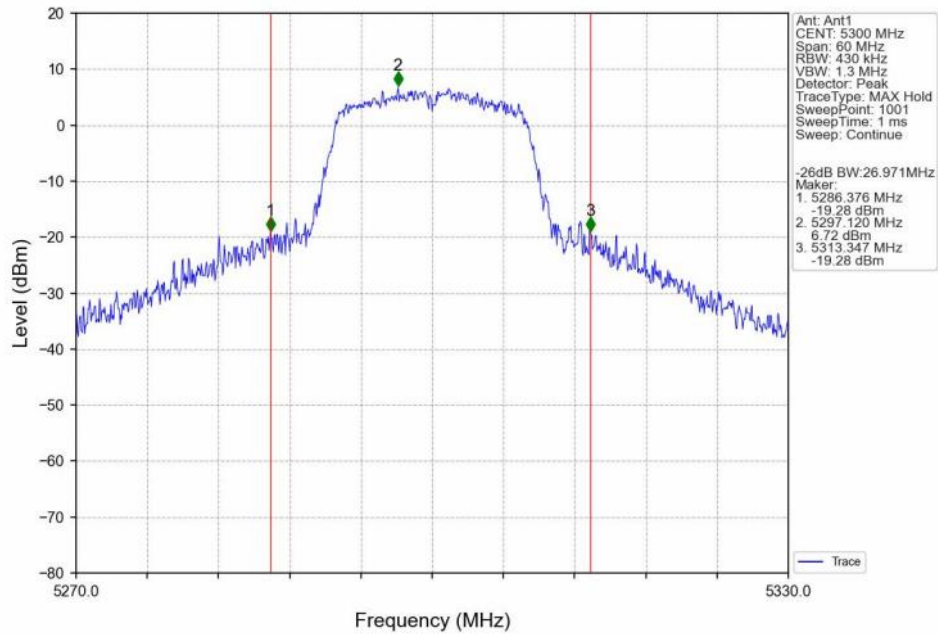
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



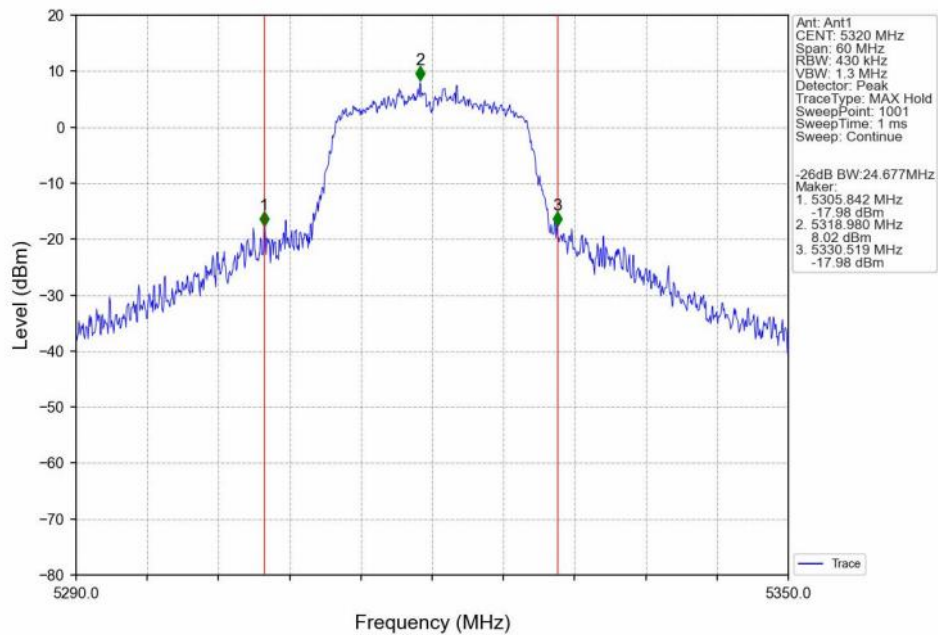
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



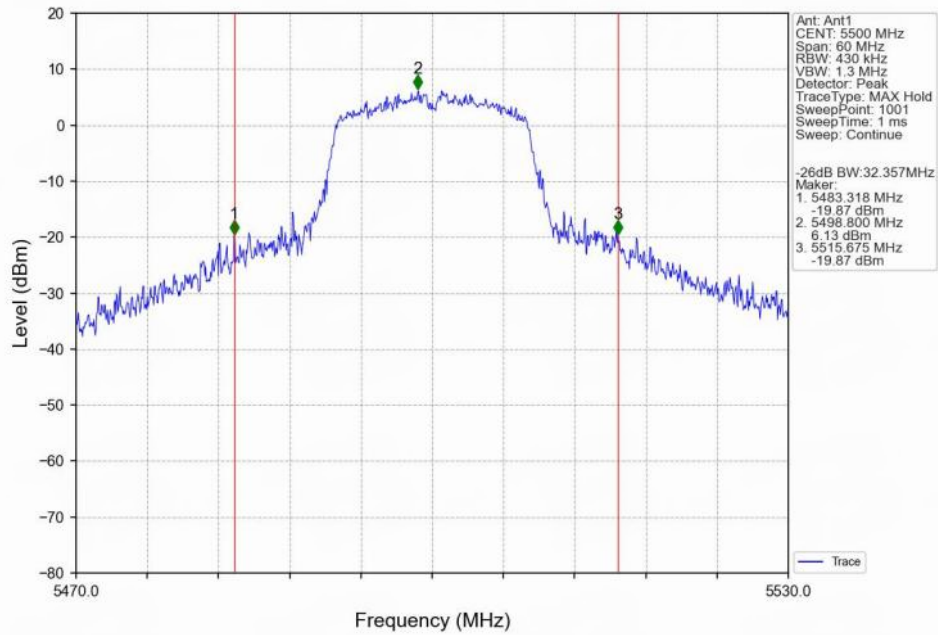
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



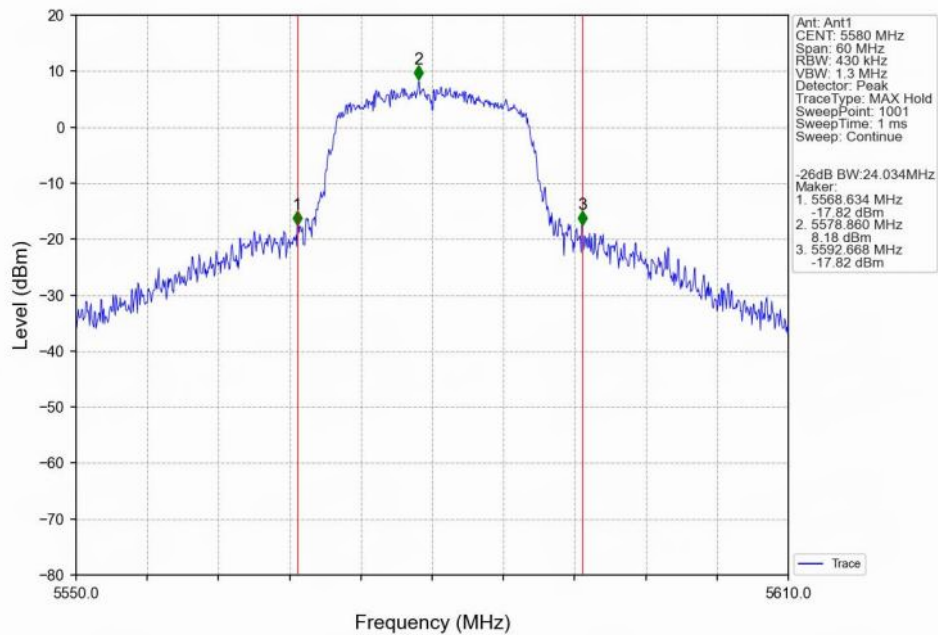
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



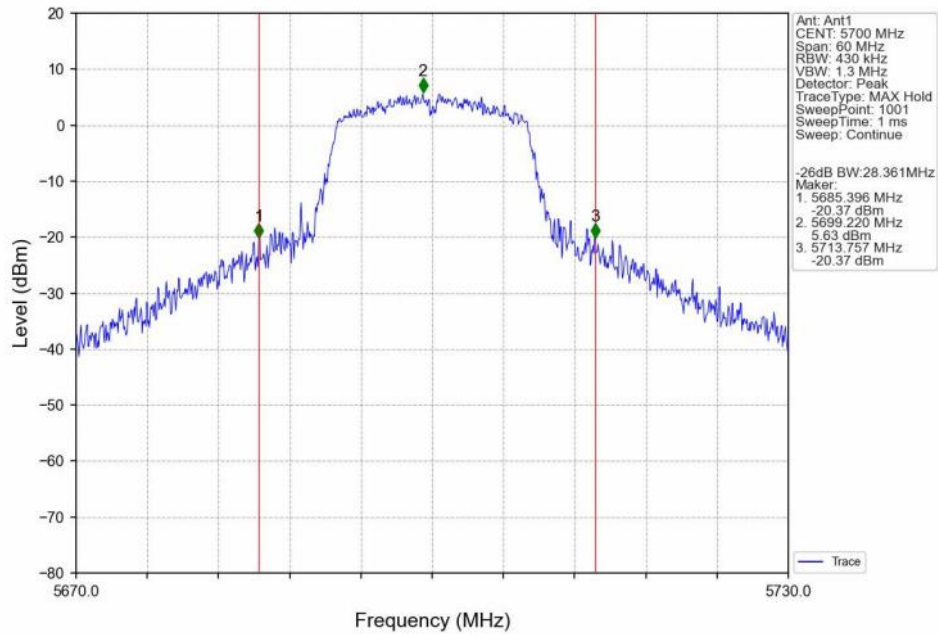
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



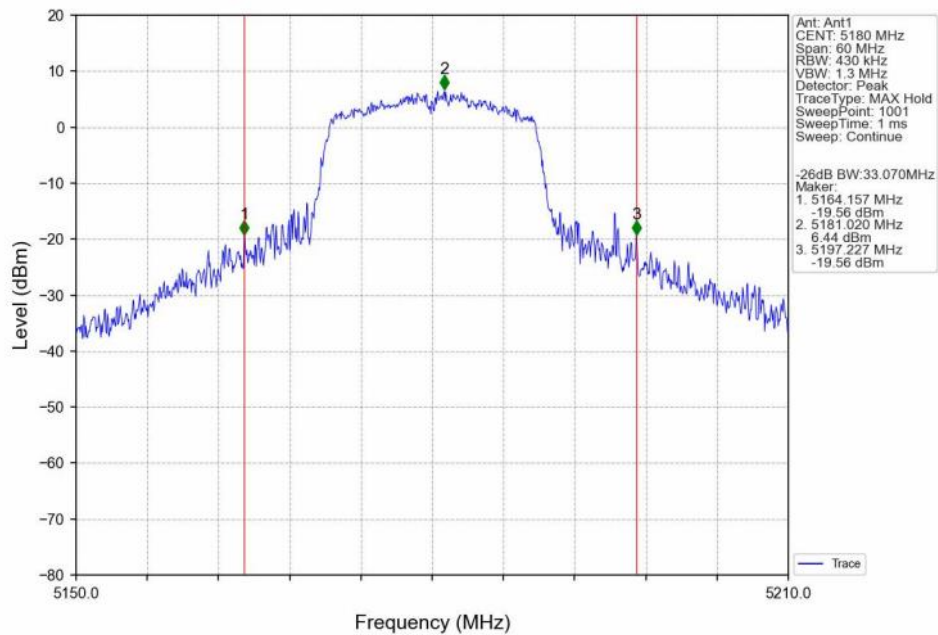
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



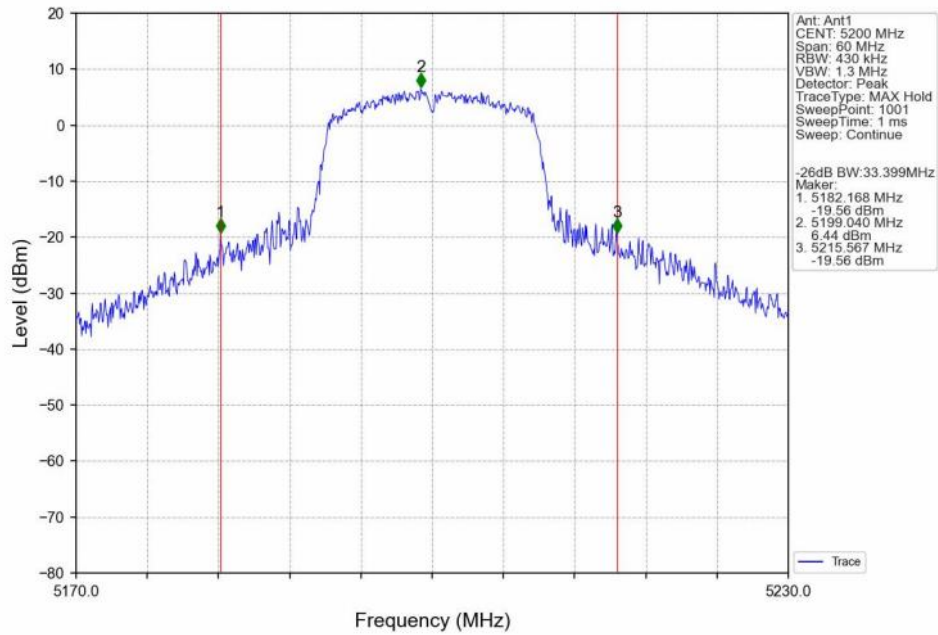
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



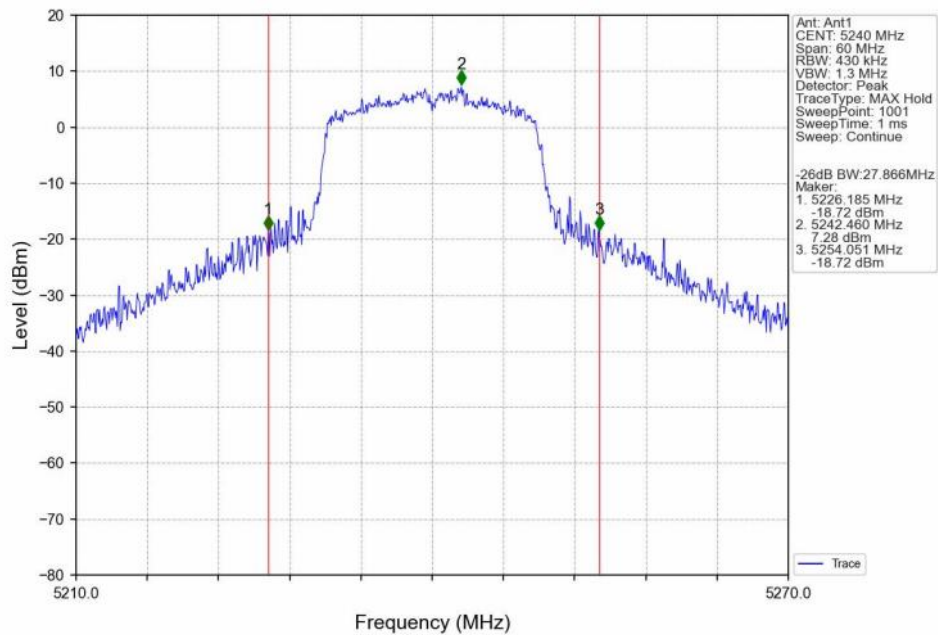
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



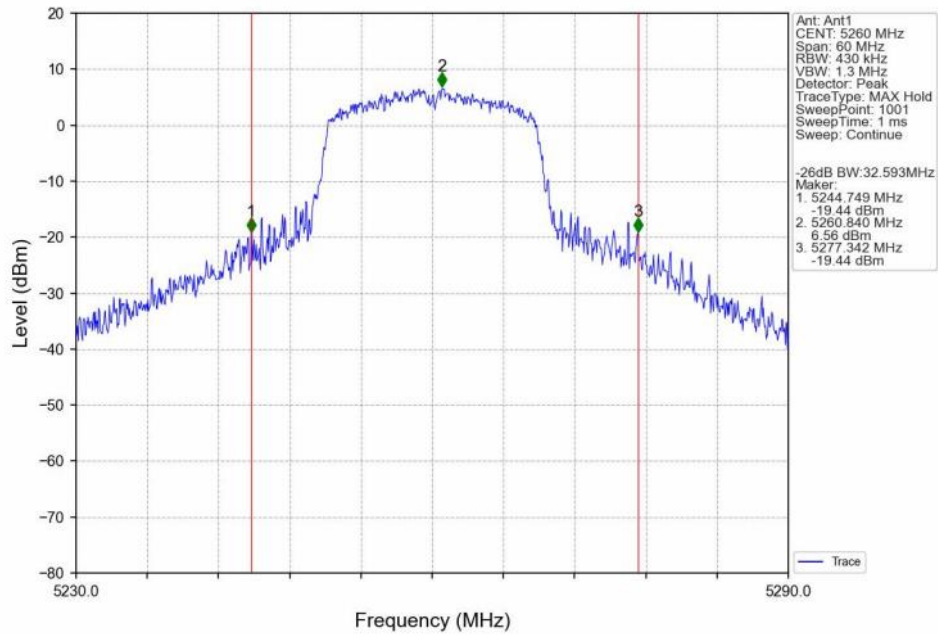
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



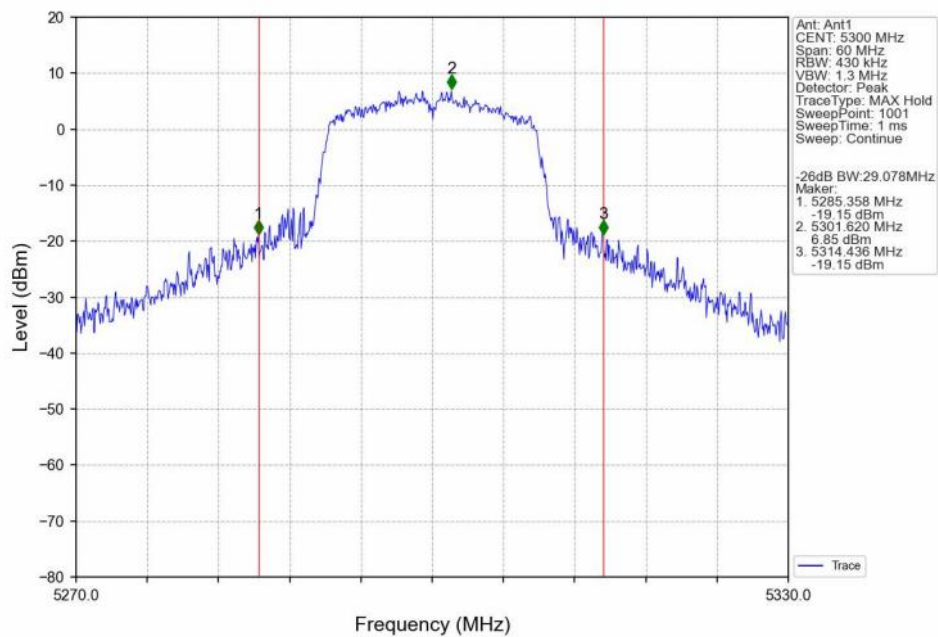
802.11n(HT20)\_HCH\_5240MHz\_Ant1\_NTNV



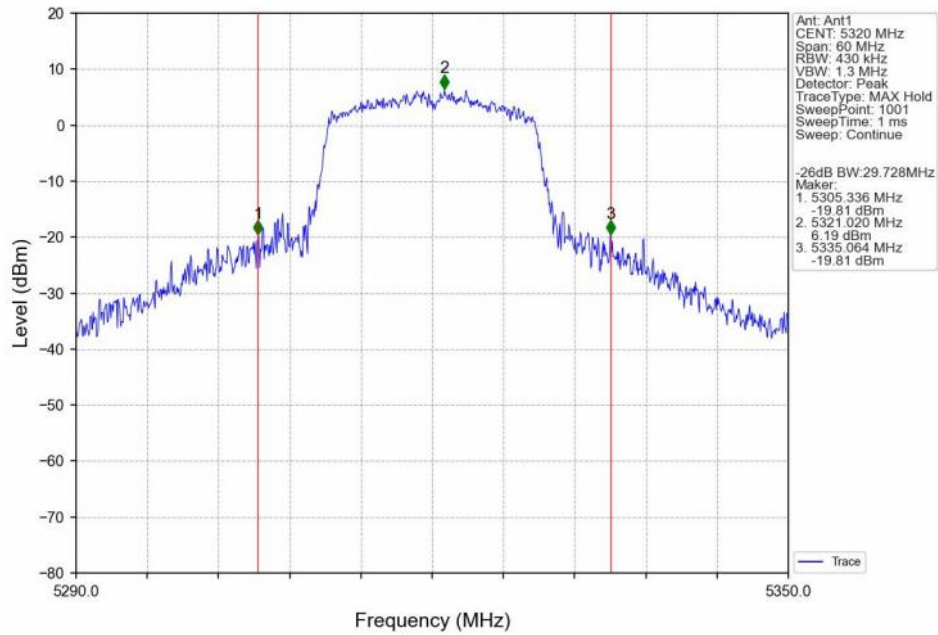
802.11n(HT20)\_LCH\_5260MHz\_Ant1\_NTNV



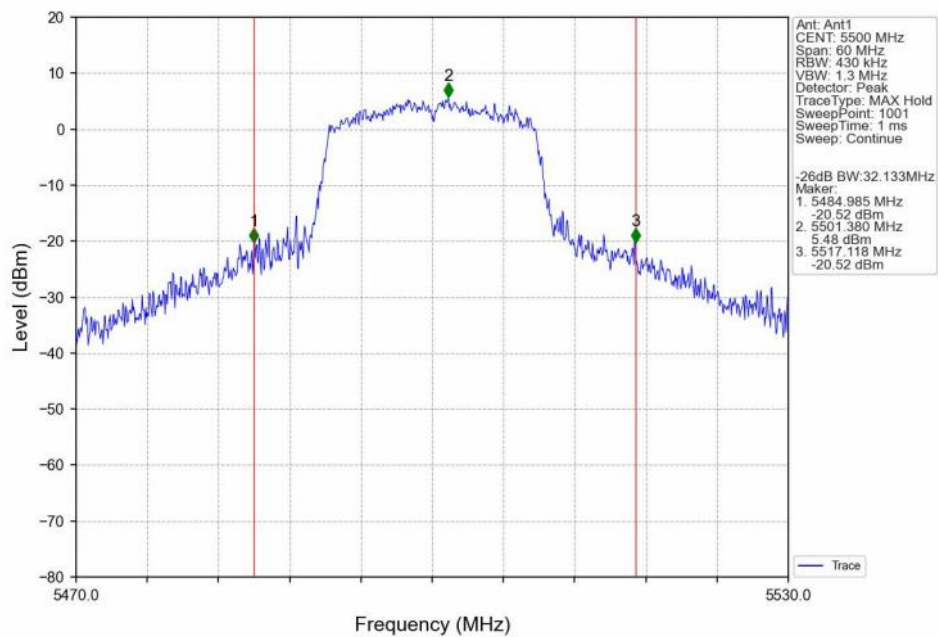
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



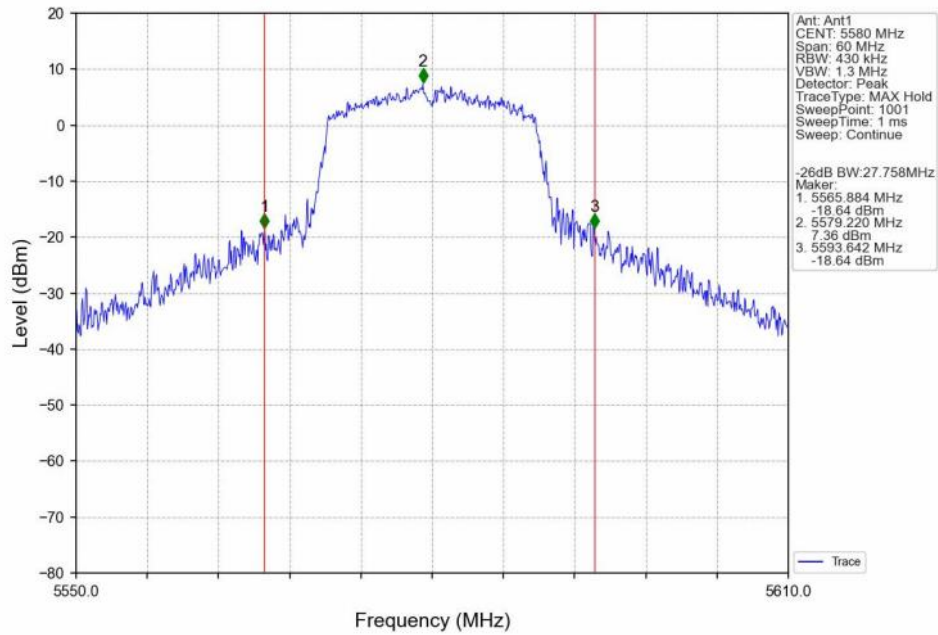
802.11n(HT20) HCH\_5320MHz\_Ant1\_NTNV



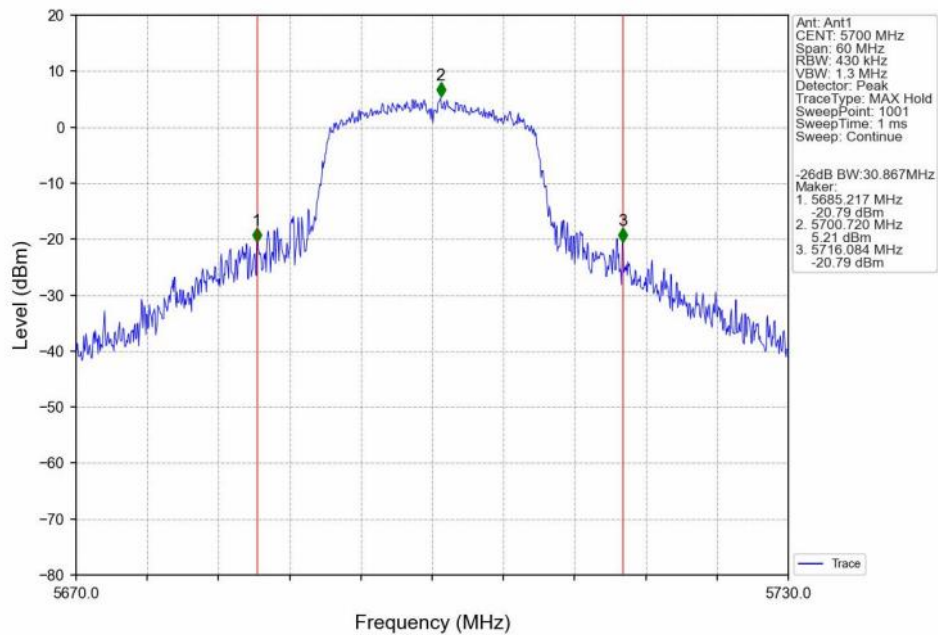
802.11n(HT20) LCH\_5500MHz\_Ant1\_NTNV



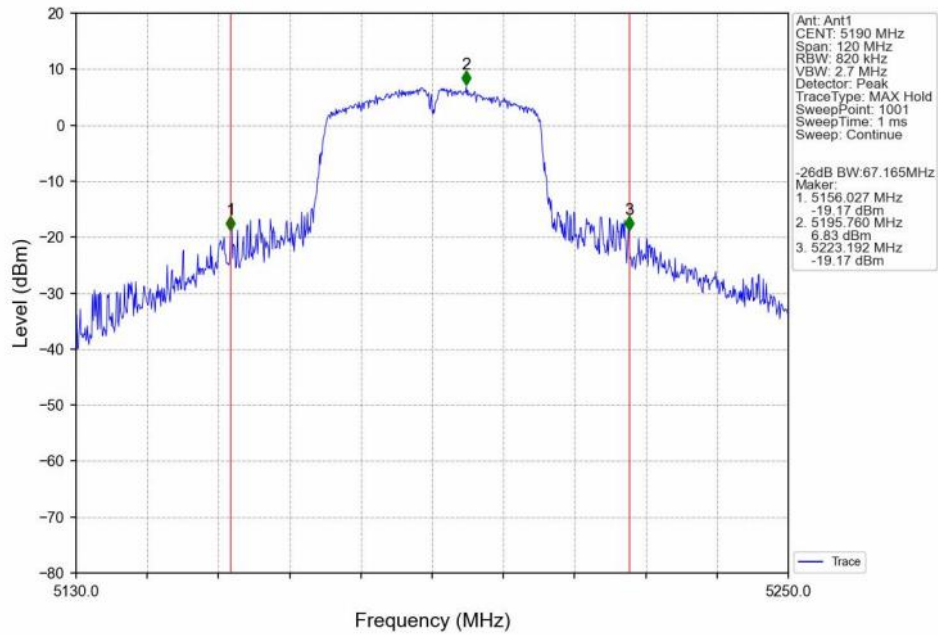
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



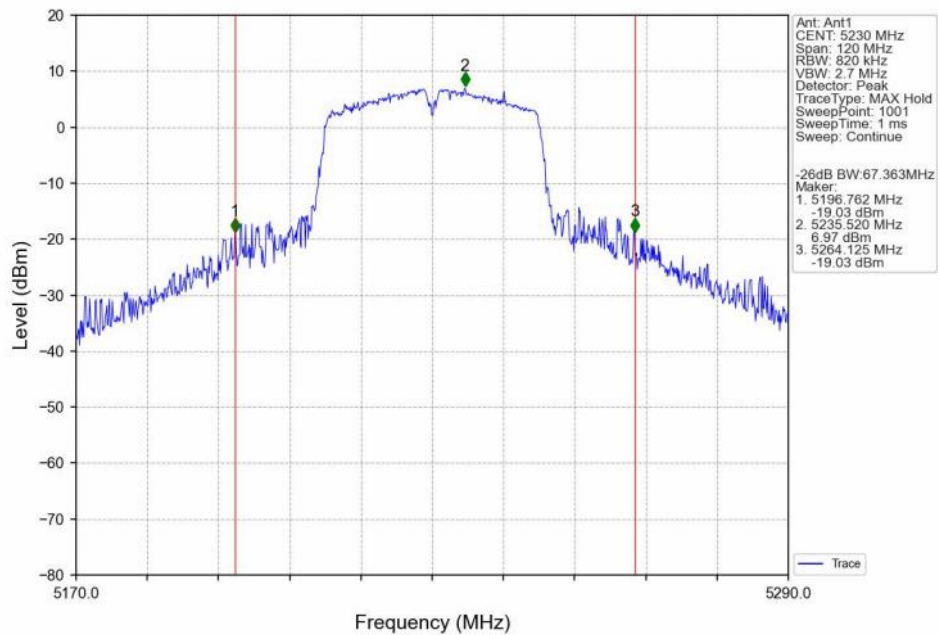
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



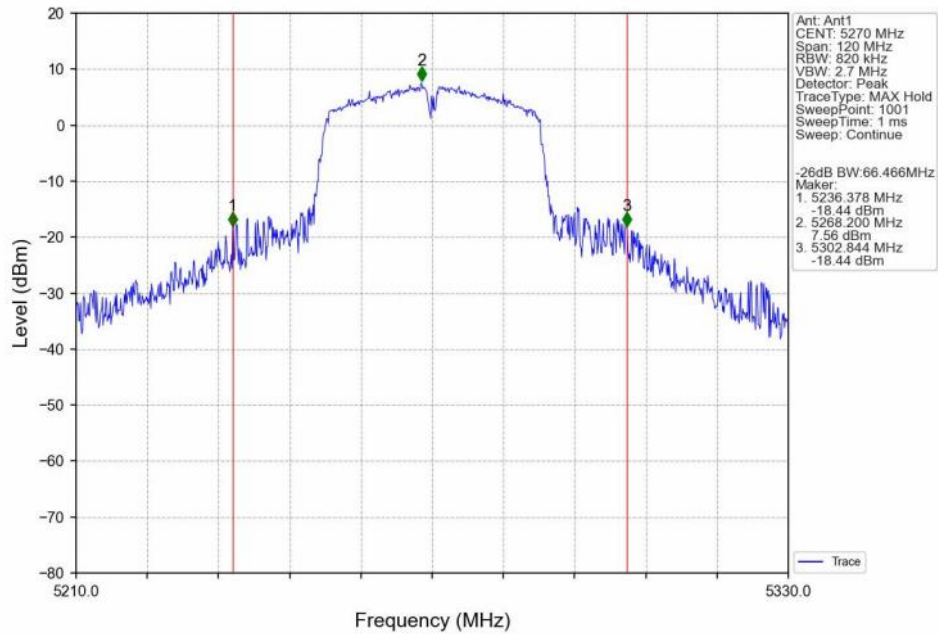
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



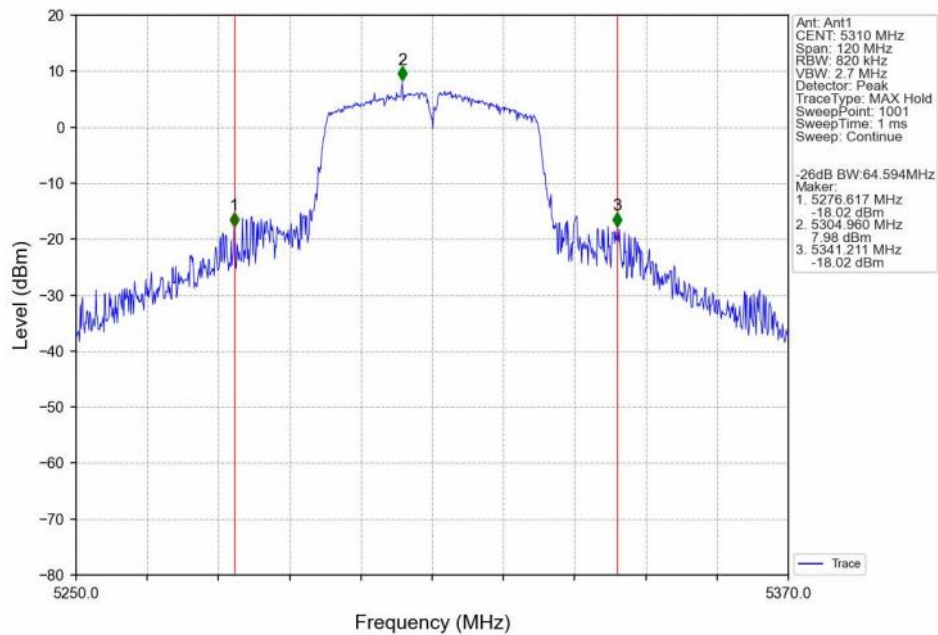
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



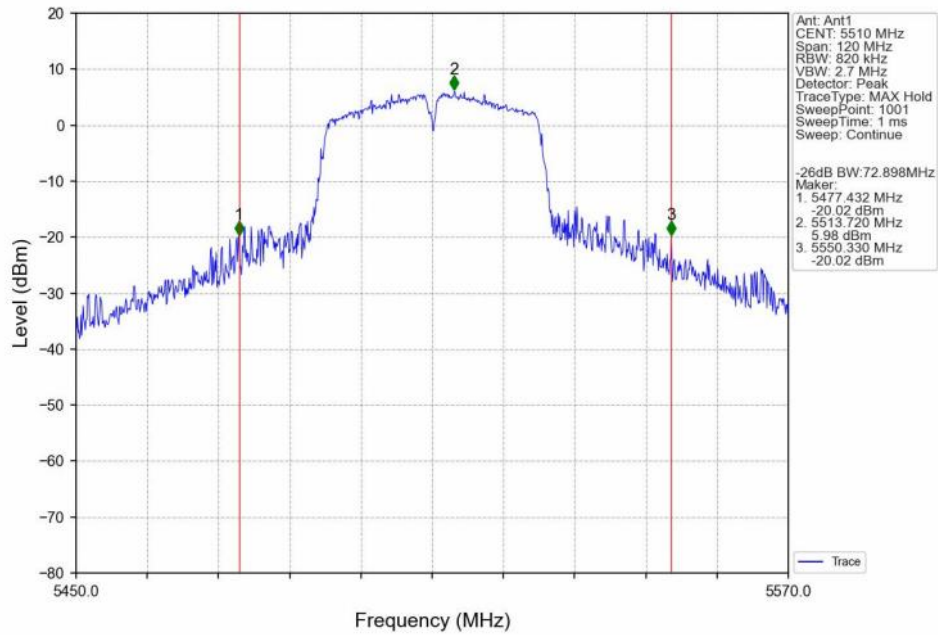
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



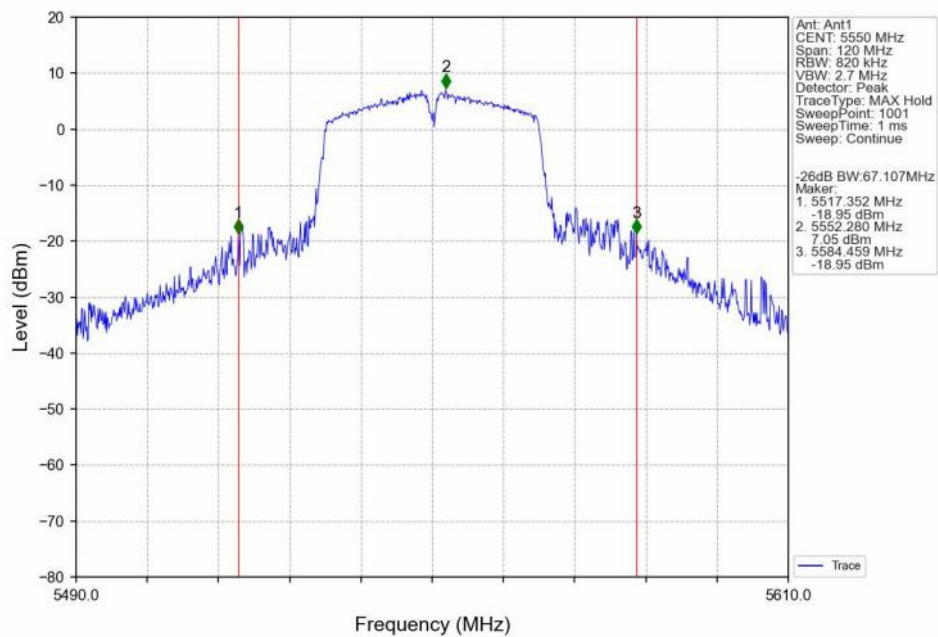
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



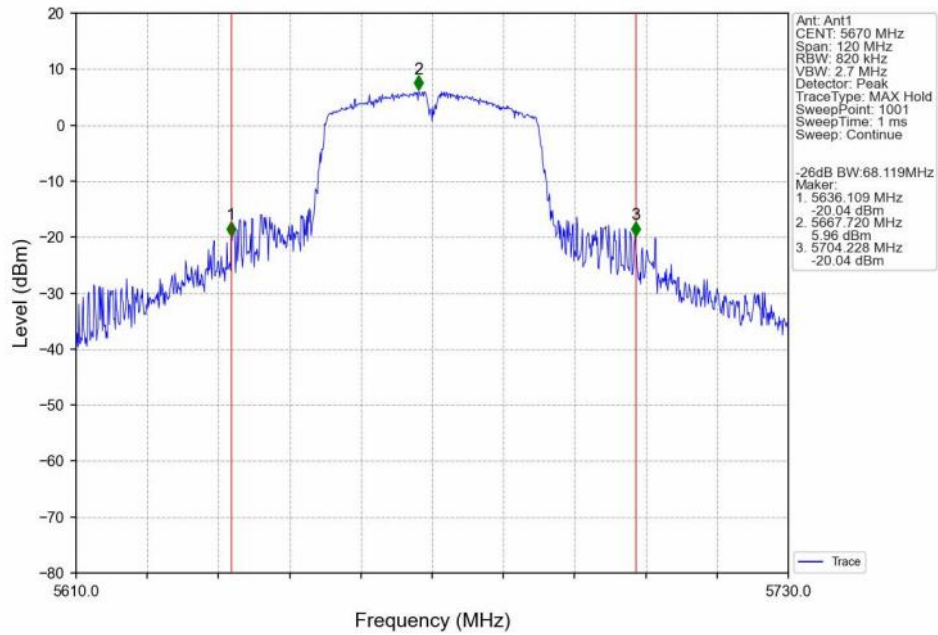
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



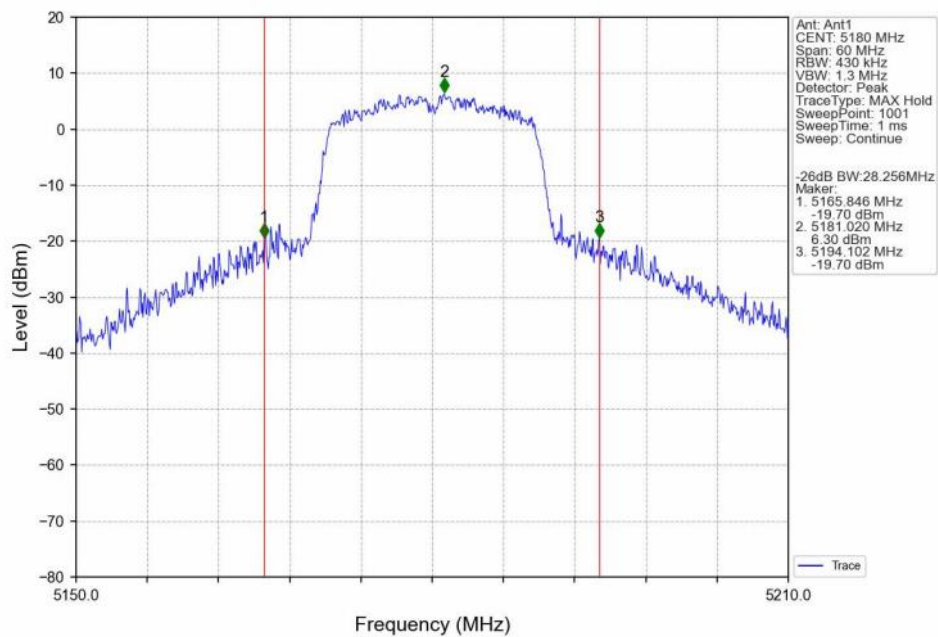
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



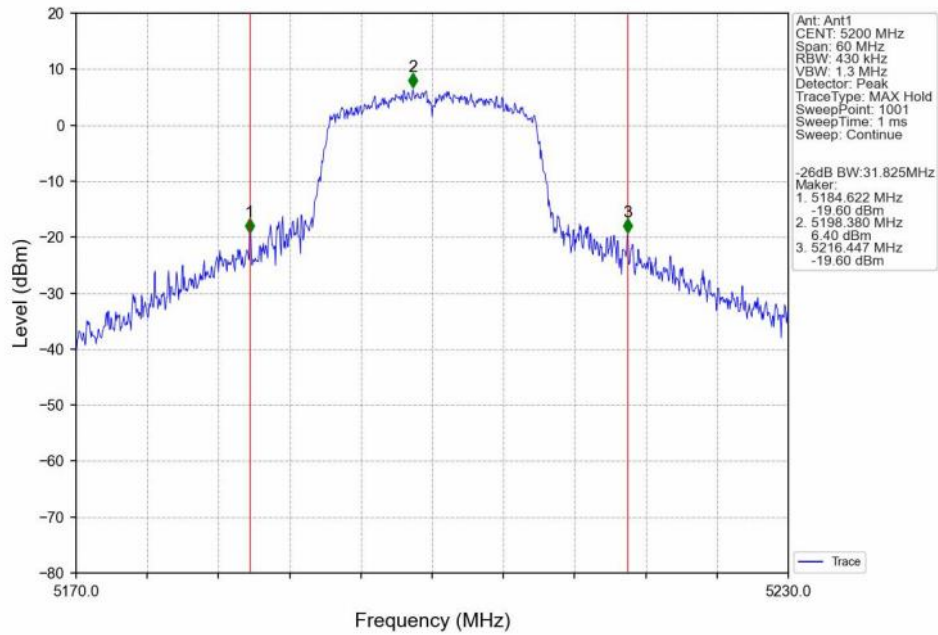
802.11n(HT40) HCH\_5670MHz\_Ant1\_NTNV



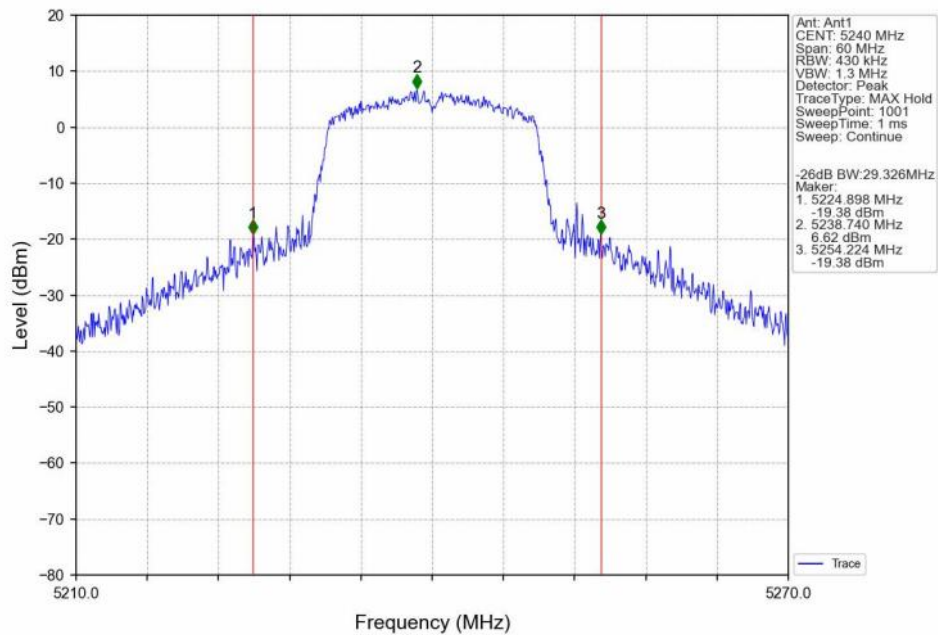
802.11ac(VHT20) LCH\_5180MHz\_Ant1\_NTNV



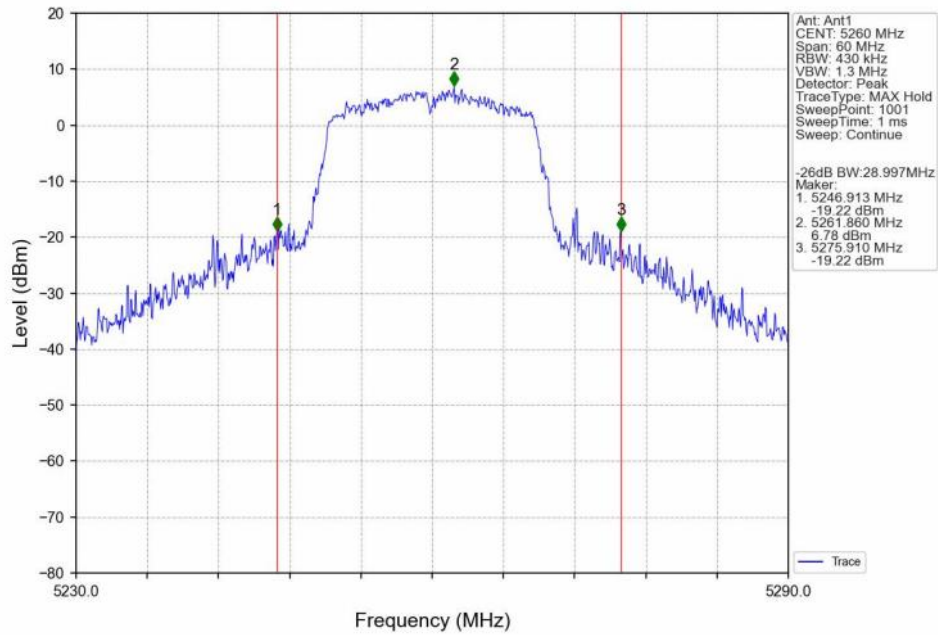
802.11ac(VHT20)\_MCH\_5200MHz\_Ant1\_NTNV



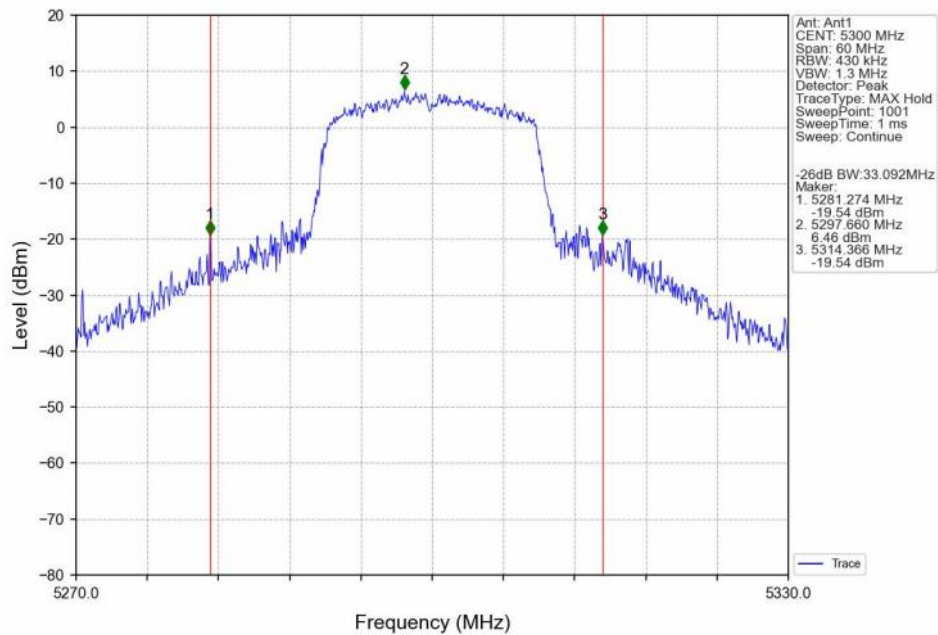
802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



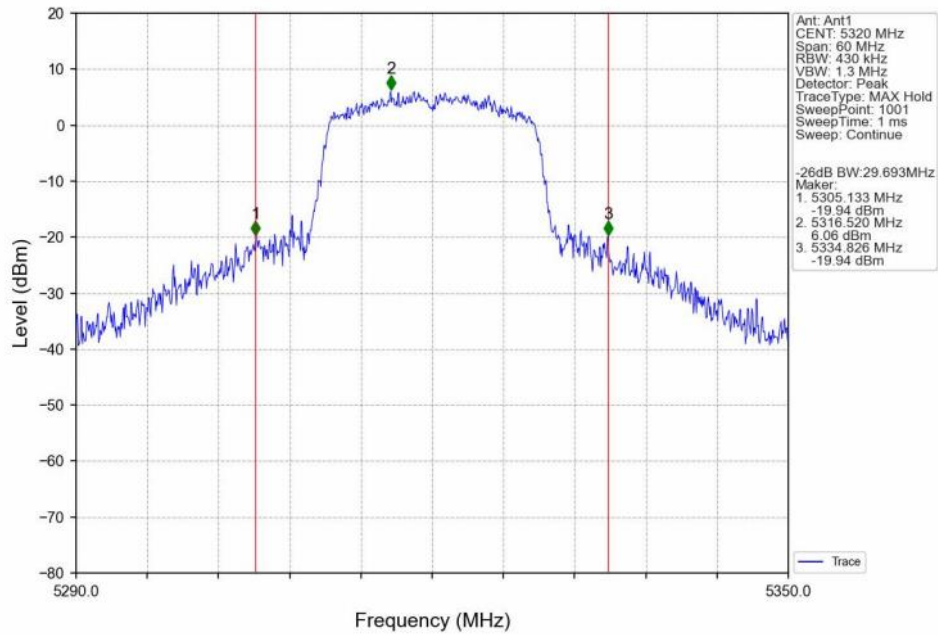
802.11ac(VHT20)\_LCH\_5260MHz\_Ant1\_NTNV



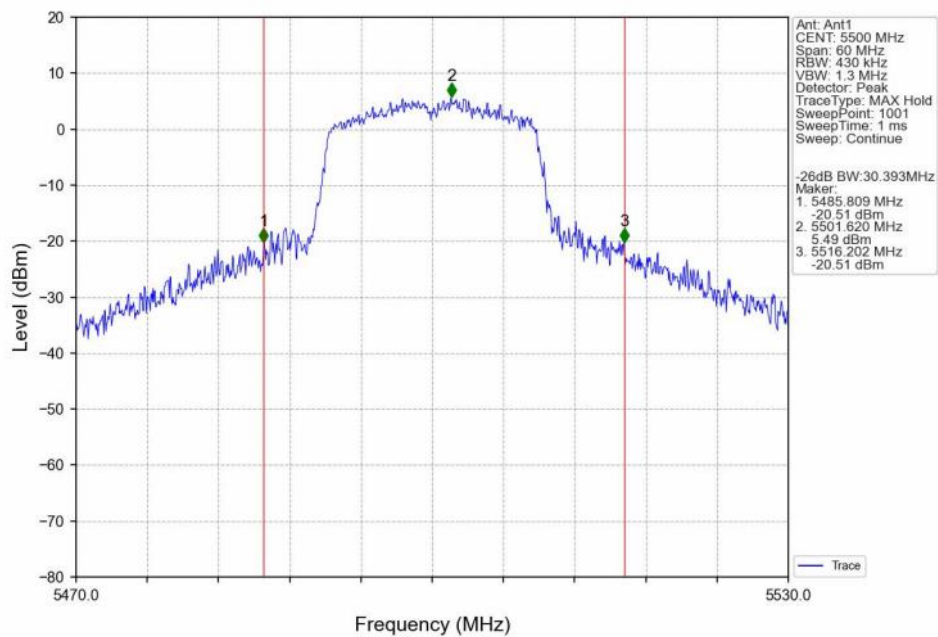
802.11ac(VHT20)\_MCH\_5300MHz\_Ant1\_NTNV



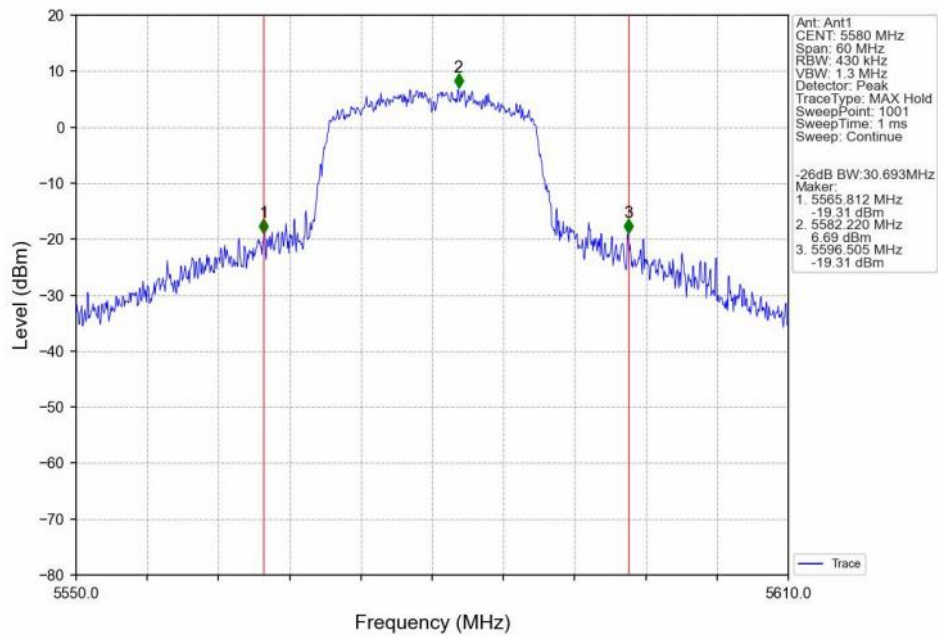
802.11ac(VHT20)\_HCH\_5320MHz\_Ant1\_NTNV



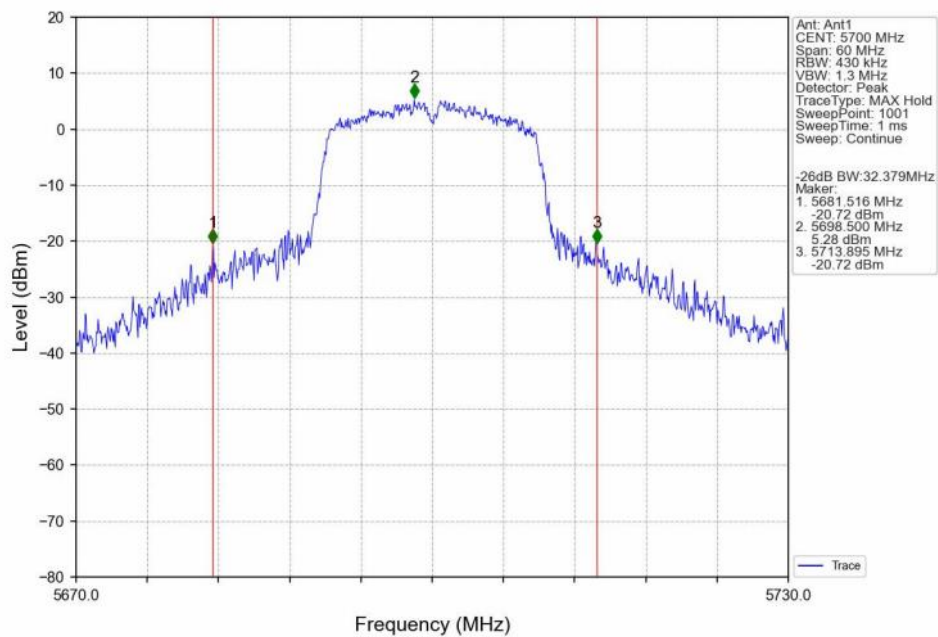
802.11ac(VHT20)\_LCH\_5500MHz\_Ant1\_NTNV



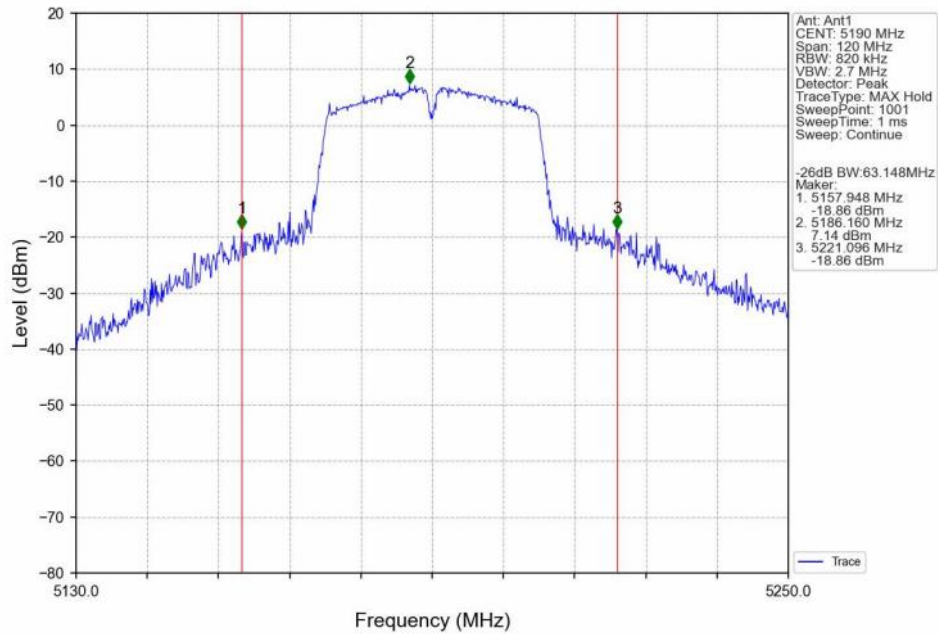
802.11ac(VHT20)\_MCH\_5580MHz\_Ant1\_NTNV



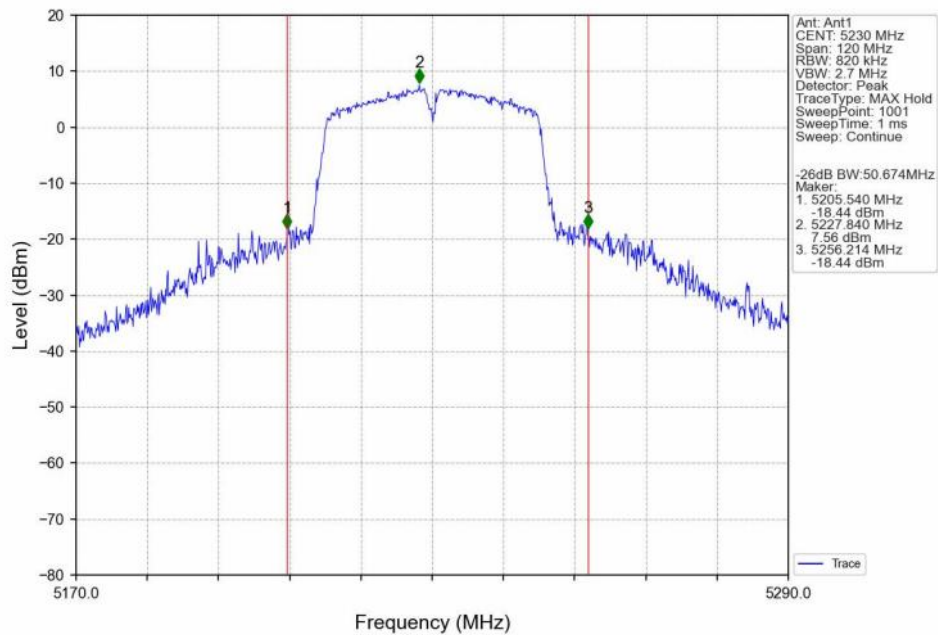
802.11ac(VHT20)\_HCH\_5700MHz\_Ant1\_NTNV



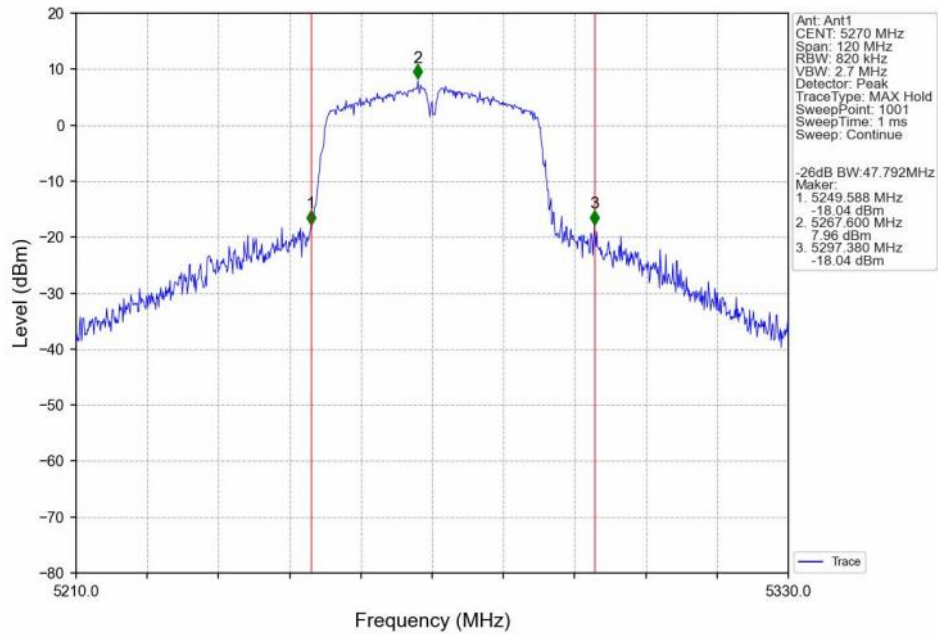
802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



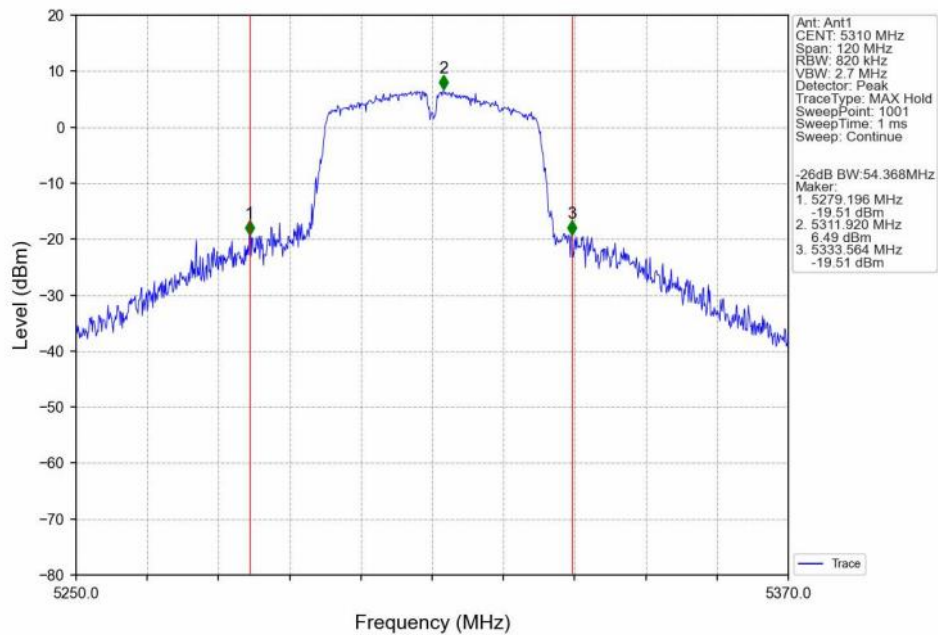
802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



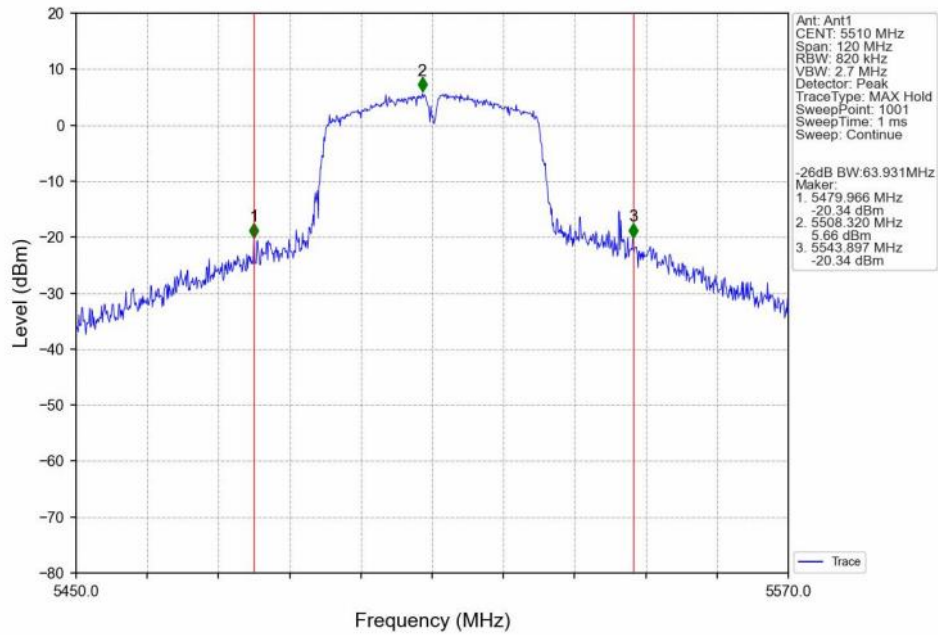
802.11ac(VHT40)\_LCH\_5270MHz\_Ant1\_NTNV



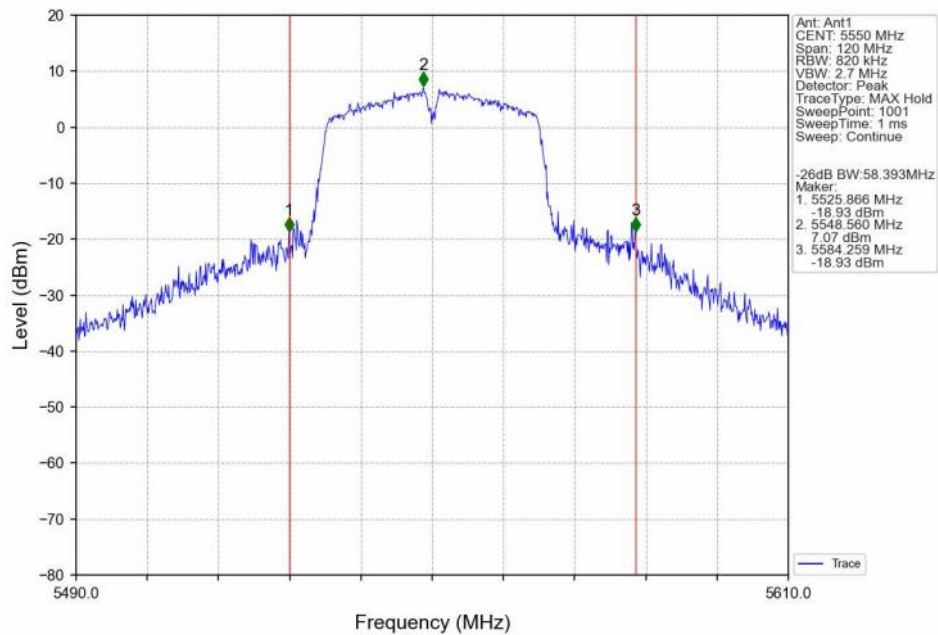
802.11ac(VHT40)\_HCH\_5310MHz\_Ant1\_NTNV



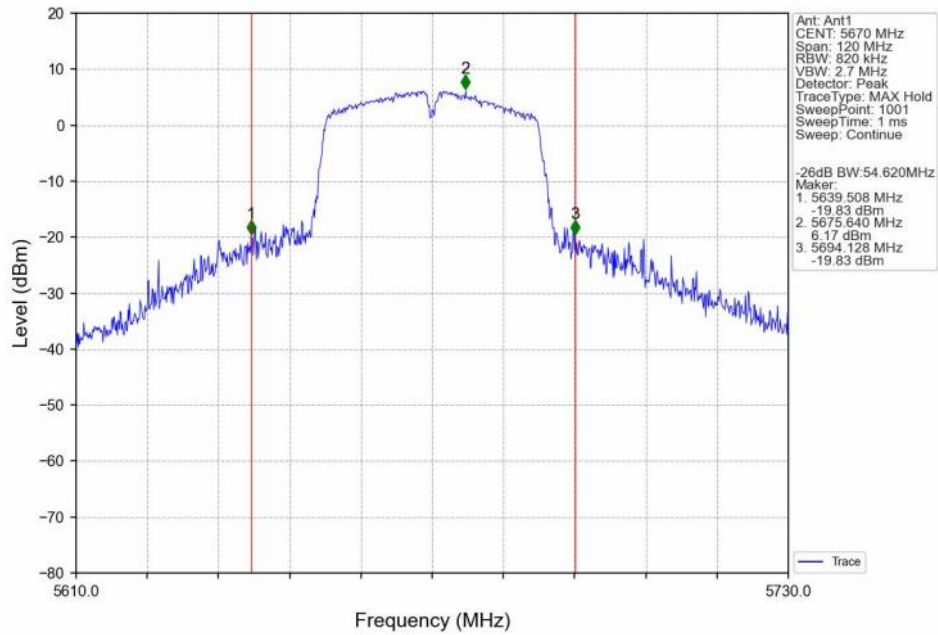
802.11ac(VHT40)\_LCH\_5510MHz\_Ant1\_NTNV



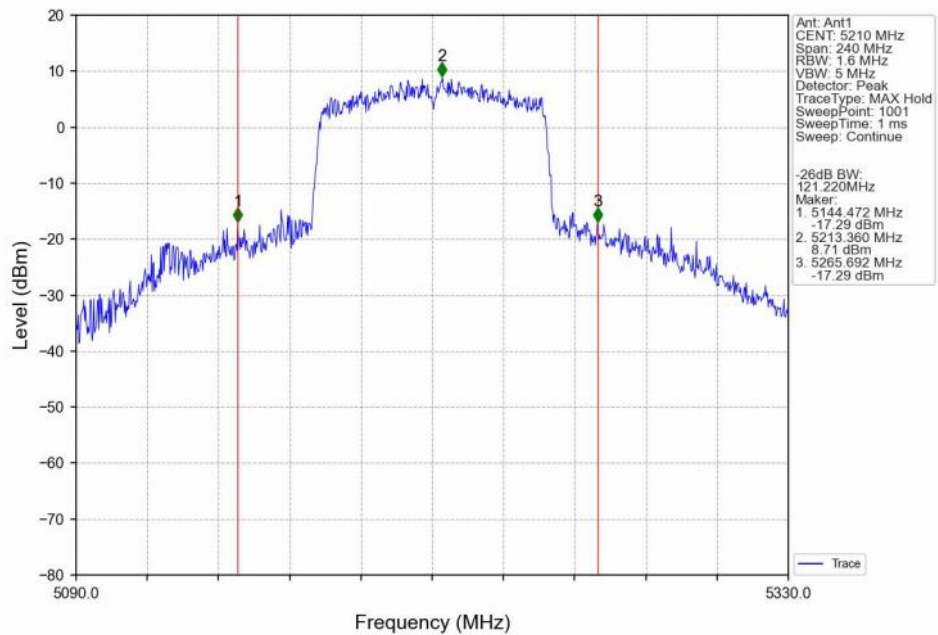
802.11ac(VHT40)\_MCH\_5550MHz\_Ant1\_NTNV



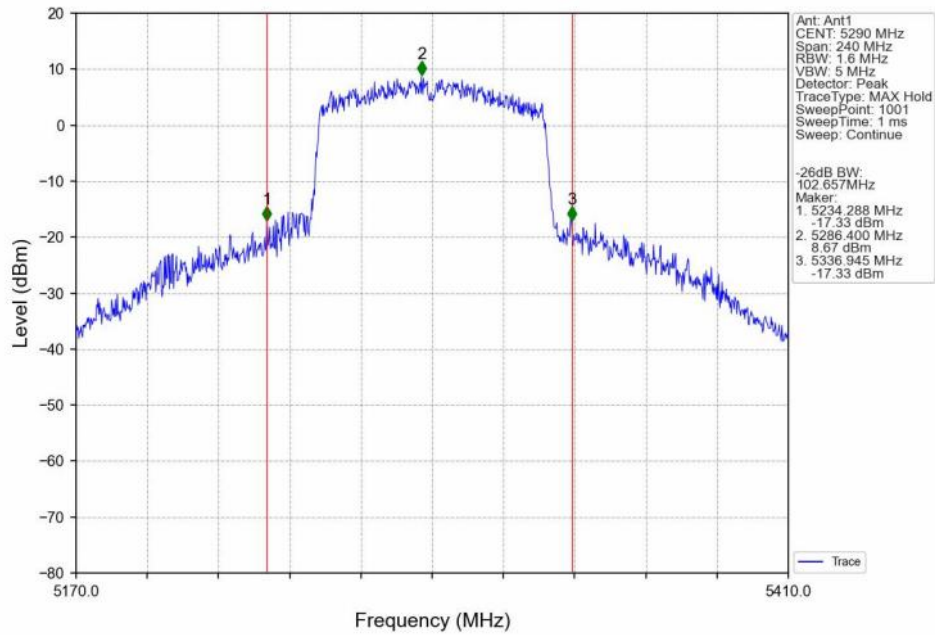
802.11ac(VHT40)\_HCH\_5670MHz\_Ant1\_NTNV



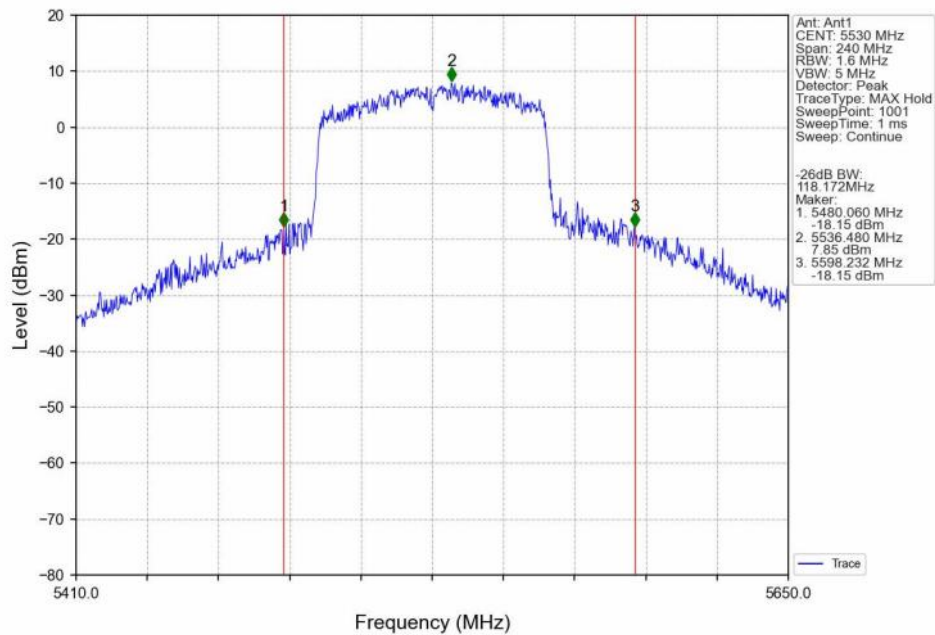
802.11ac(VHT80)\_MCH\_5210MHz\_Ant1\_NTNV



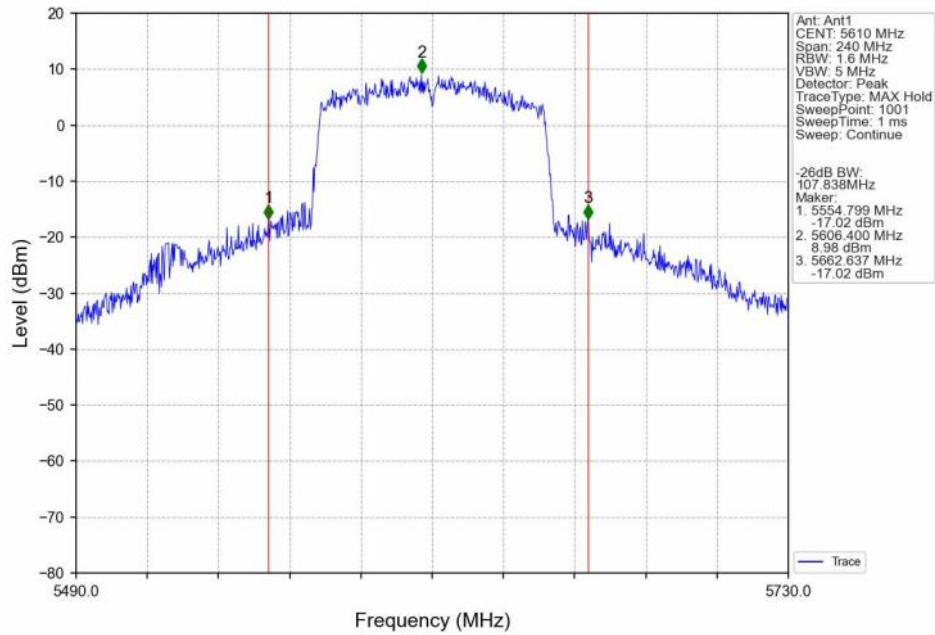
802.11ac(VHT80)\_MCH\_5290MHz\_Ant1\_NTNV



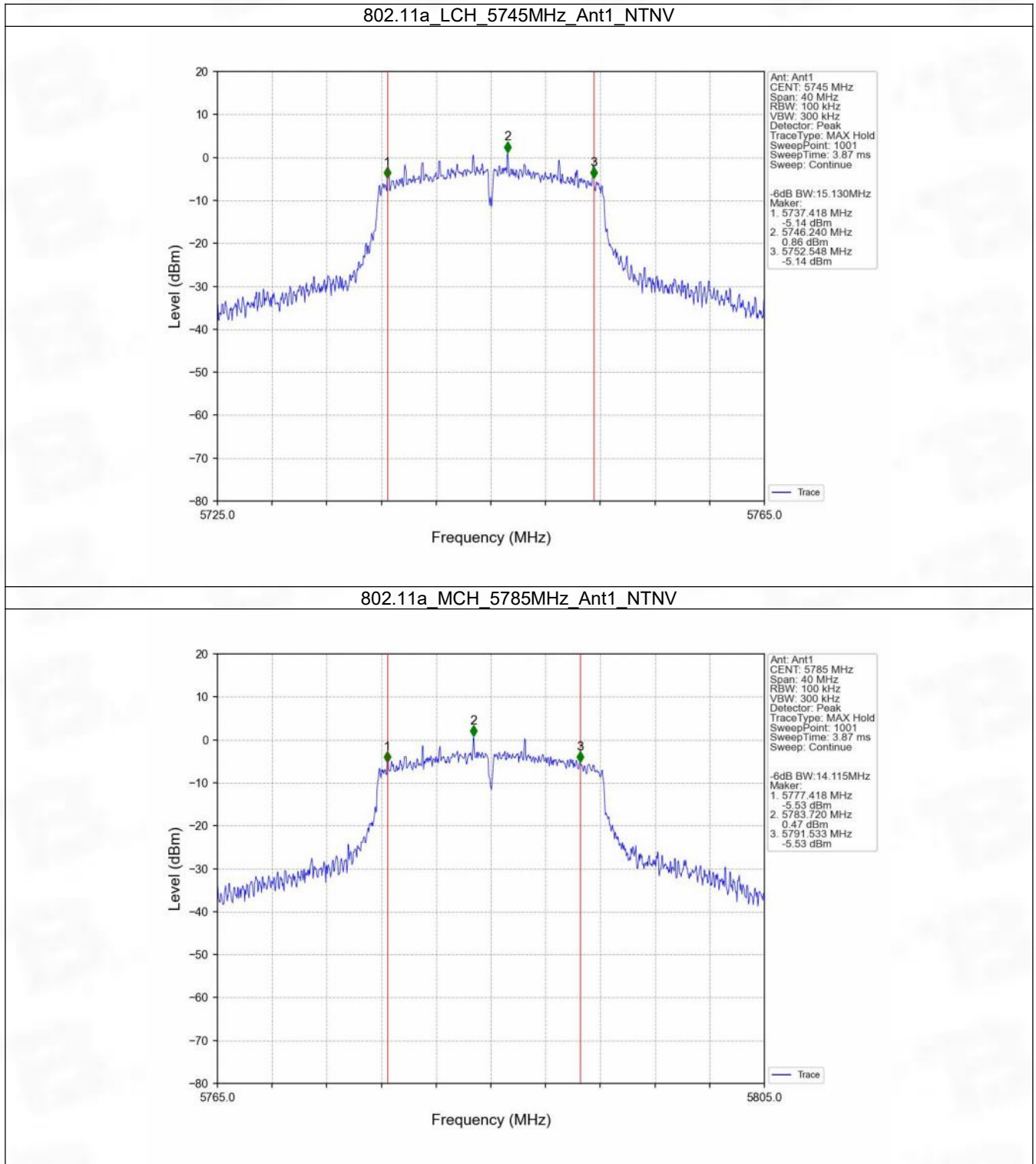
802.11ac(VHT80)\_LCH\_5530MHz\_Ant1\_NTNV



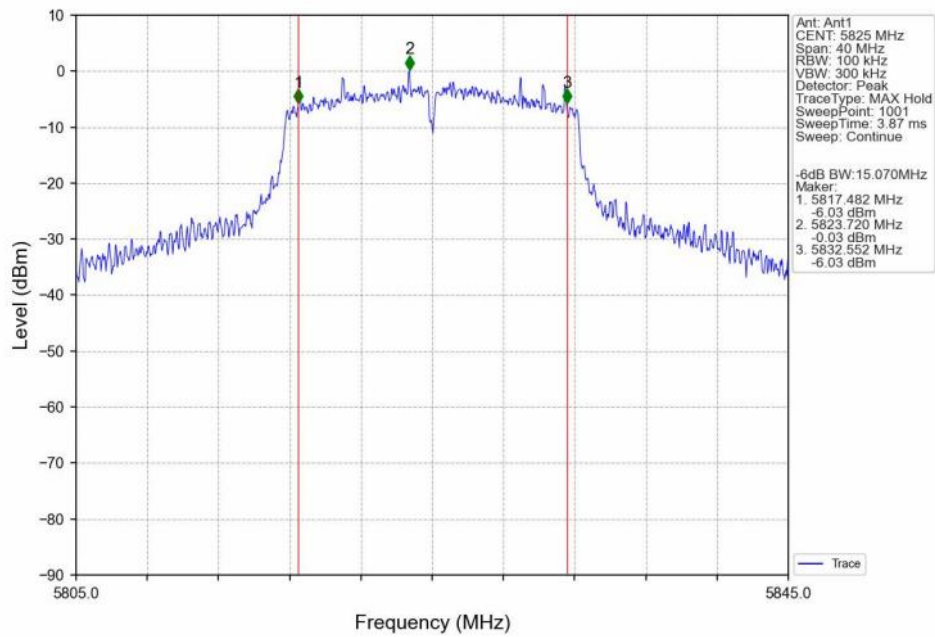
802.11ac(VHT80) HCH 5610MHz\_Ant1\_NTNV



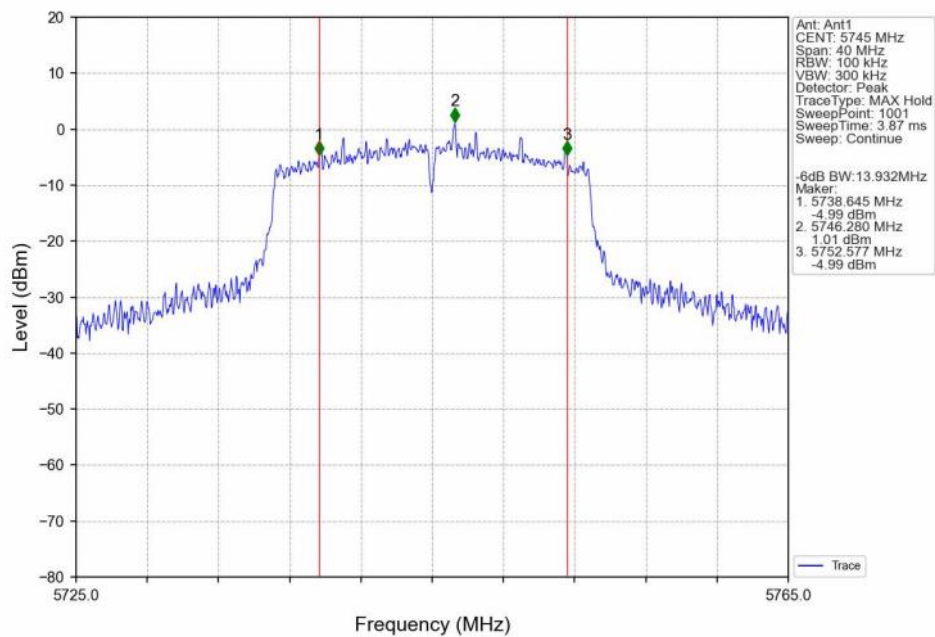
### 2.2.3 6dB BW



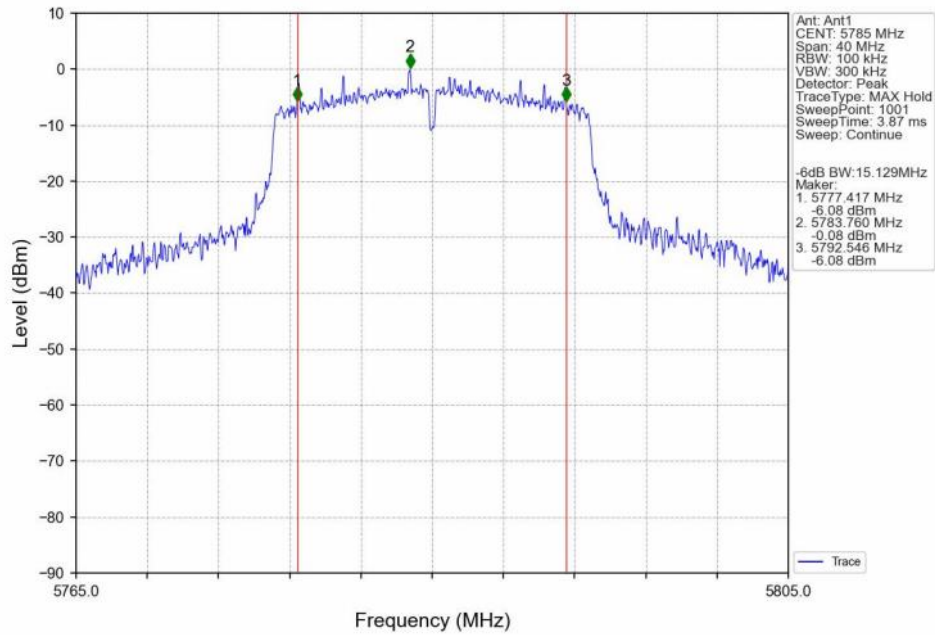
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



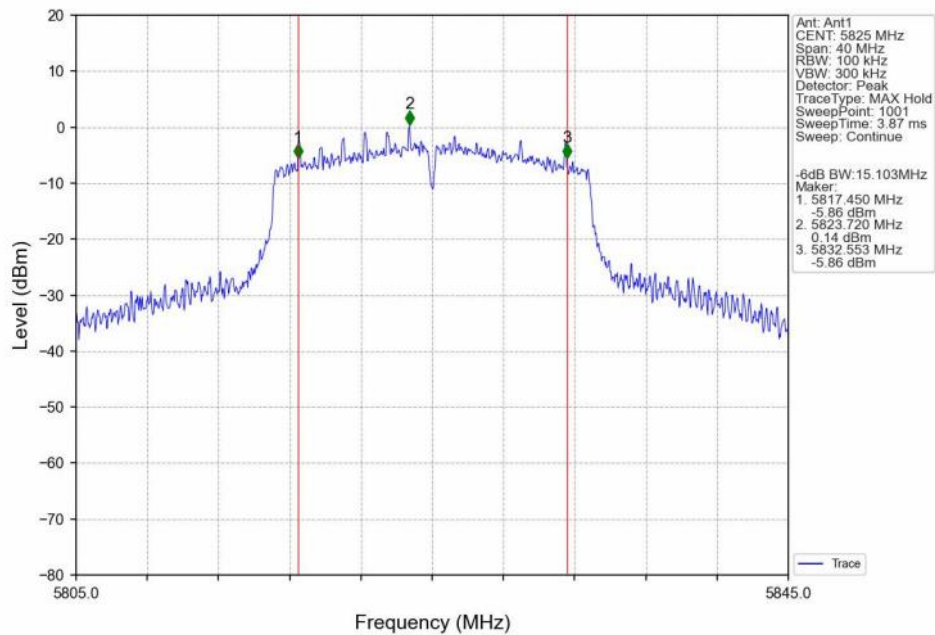
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



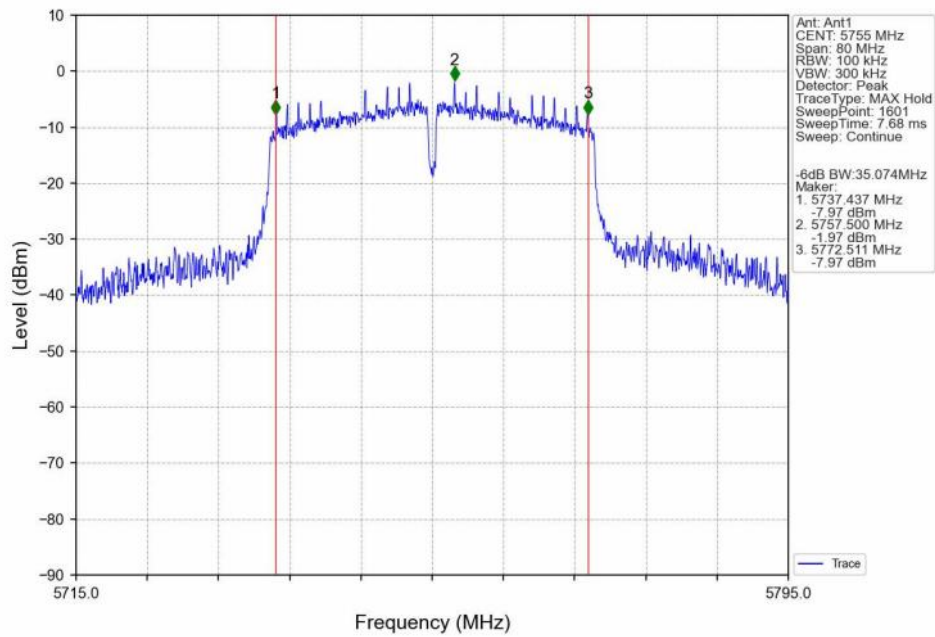
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



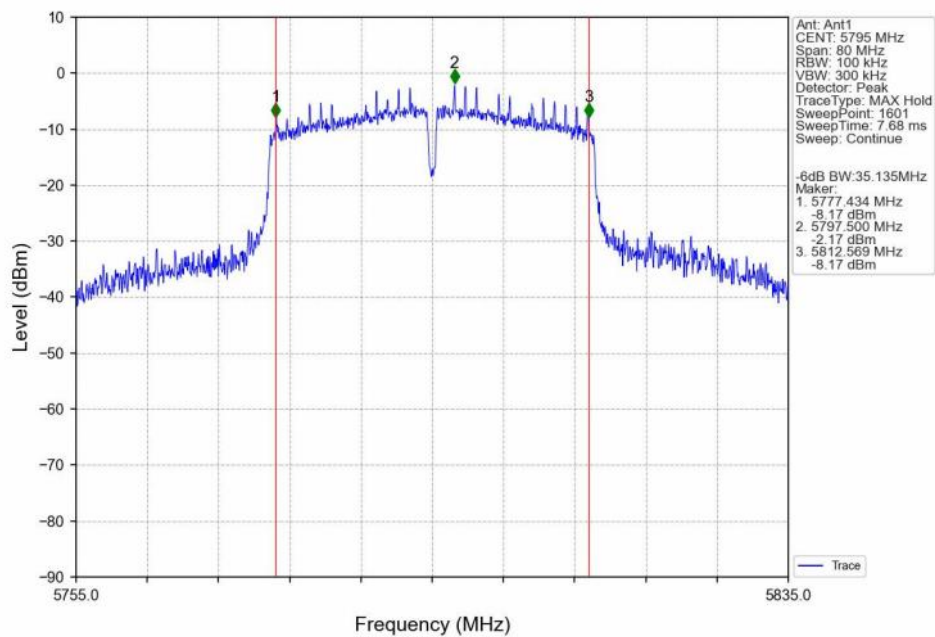
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



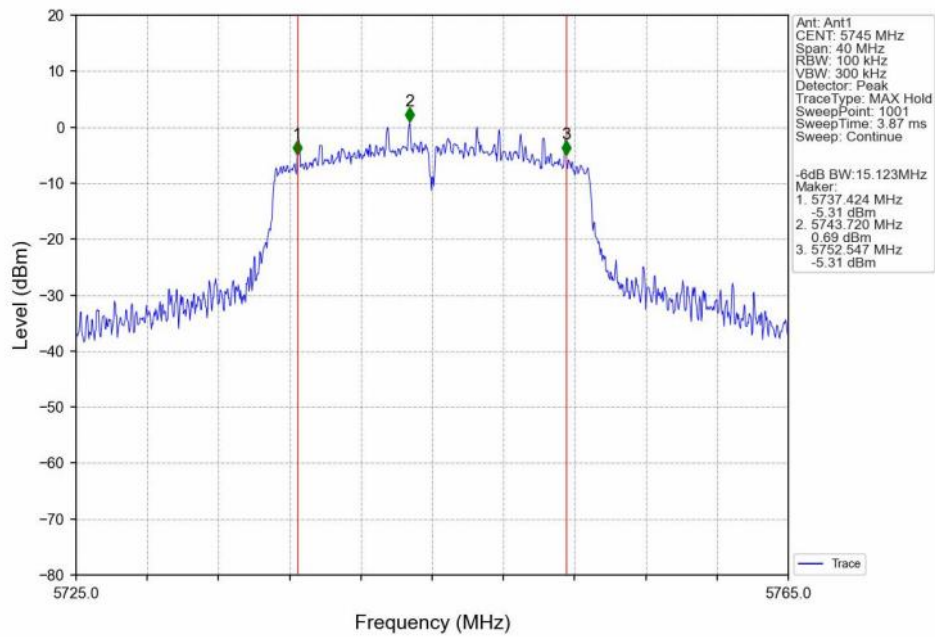
802.11n(HT40)\_LCH\_5755MHz\_Ant1\_NTNV



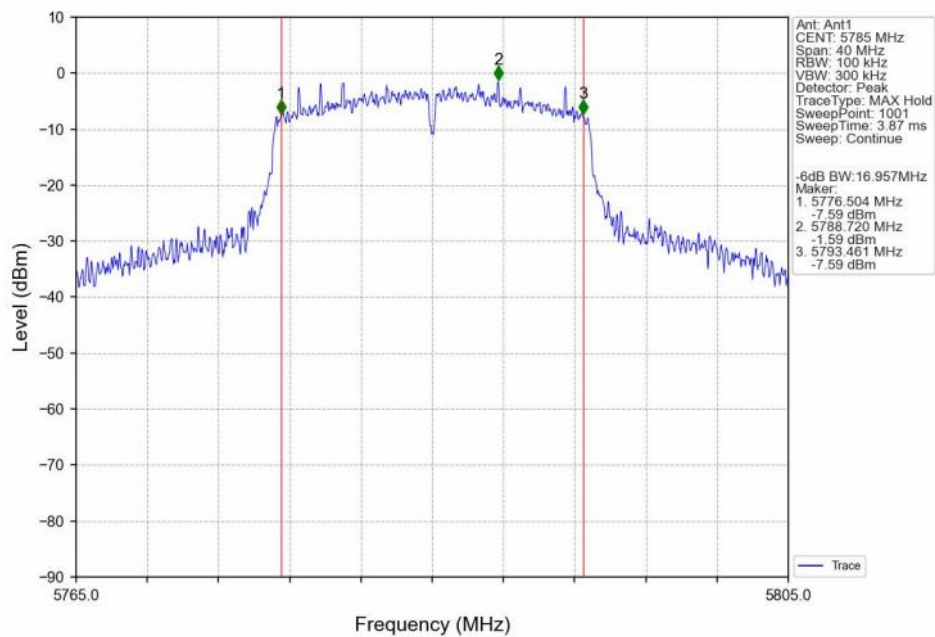
802.11n(HT40)\_HCH\_5795MHz\_Ant1\_NTNV



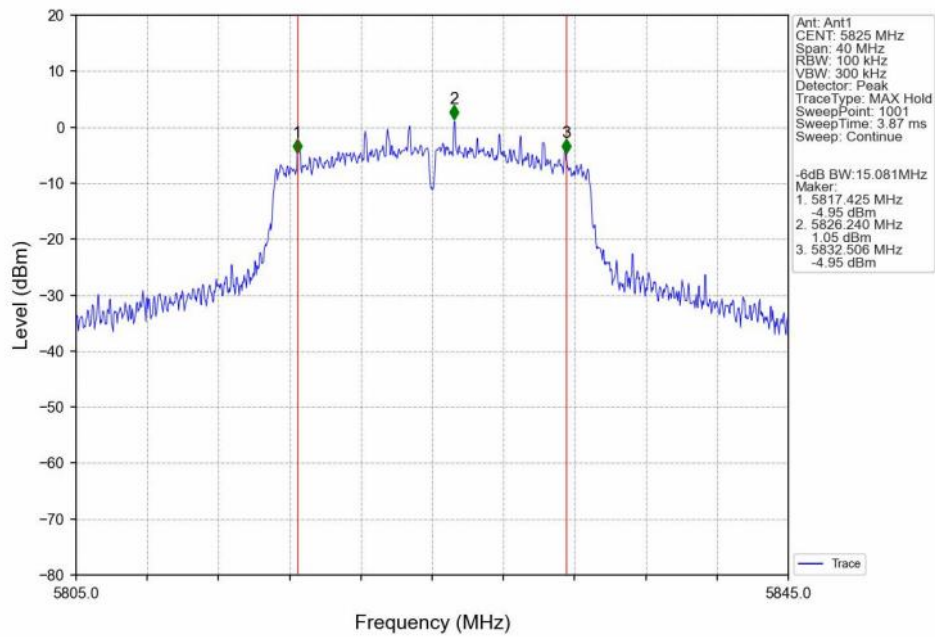
802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



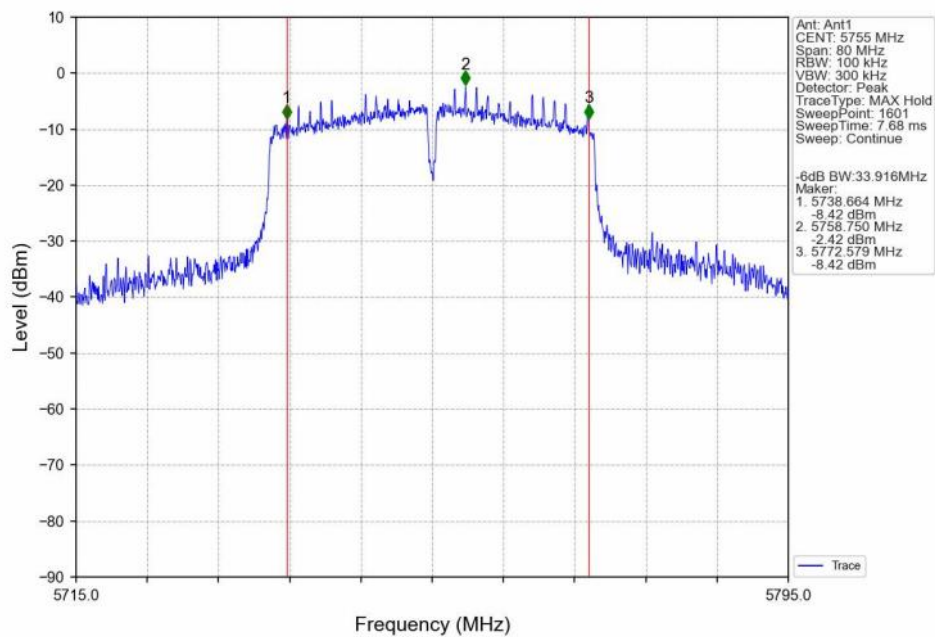
802.11ac(VHT20)\_MCH\_5785MHz\_Ant1\_NTNV



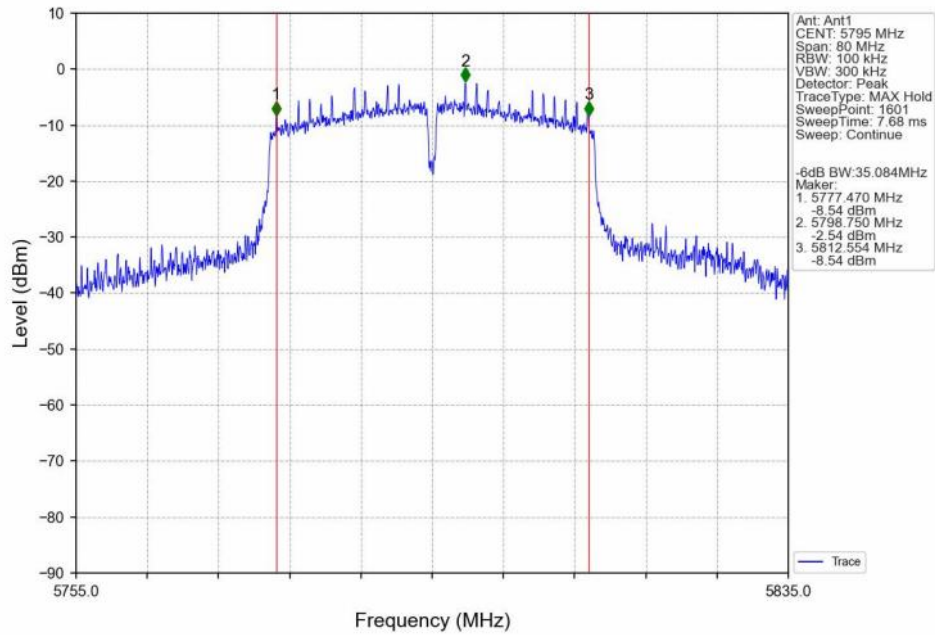
802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



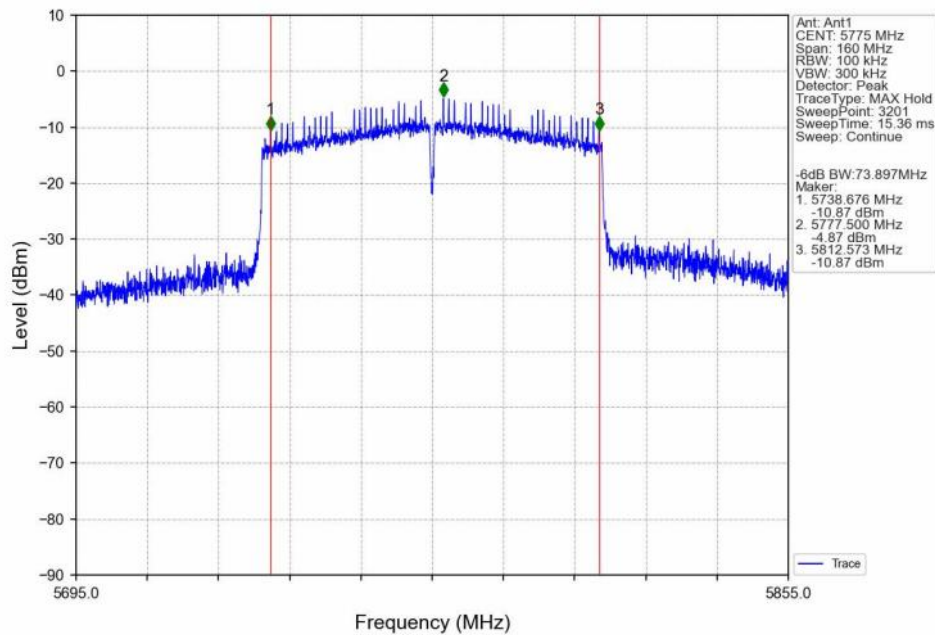
802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



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



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



### 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            | 13.53                                        | <=23.98 | Pass    |
|                  |         | 5200            | 13.73                                        | <=23.98 | Pass    |
|                  |         | 5240            | 13.72                                        | <=23.98 | Pass    |
|                  |         | 5260            | 13.74                                        | <=23.98 | Pass    |
|                  |         | 5300            | 13.48                                        | <=23.98 | Pass    |
|                  |         | 5320            | 13.30                                        | <=23.98 | Pass    |
|                  |         | 5500            | 12.70                                        | <=23.98 | Pass    |
|                  |         | 5580            | 13.96                                        | <=23.98 | Pass    |
|                  |         | 5700            | 12.38                                        | <=23.98 | Pass    |
|                  |         | 5745            | 11.35                                        | <=30    | Pass    |
|                  |         | 5785            | 10.89                                        | <=30    | Pass    |
|                  |         | 5825            | 10.82                                        | <=30    | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | 13.34                                        | <=23.98 | Pass    |
|                  |         | 5200            | 13.46                                        | <=23.98 | Pass    |
|                  |         | 5240            | 13.56                                        | <=23.98 | Pass    |
|                  |         | 5260            | 13.40                                        | <=23.98 | Pass    |
|                  |         | 5300            | 13.31                                        | <=23.98 | Pass    |
|                  |         | 5320            | 13.07                                        | <=23.98 | Pass    |
|                  |         | 5500            | 12.36                                        | <=23.98 | Pass    |
|                  |         | 5580            | 13.70                                        | <=23.98 | Pass    |
|                  |         | 5700            | 12.07                                        | <=23.98 | Pass    |
|                  |         | 5745            | 11.08                                        | <=30    | Pass    |
|                  |         | 5785            | 10.73                                        | <=30    | Pass    |
|                  |         | 5825            | 10.63                                        | <=30    | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | 13.56                                        | <=23.98 | Pass    |
|                  |         | 5230            | 13.67                                        | <=23.98 | Pass    |
|                  |         | 5270            | 13.69                                        | <=23.98 | Pass    |
|                  |         | 5310            | 13.28                                        | <=23.98 | Pass    |
|                  |         | 5510            | 12.55                                        | <=23.98 | Pass    |
|                  |         | 5550            | 13.40                                        | <=23.98 | Pass    |
|                  |         | 5670            | 13.11                                        | <=23.98 | Pass    |
|                  |         | 5755            | 11.09                                        | <=30    | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | 13.24                                        | <=23.98 | Pass    |
|                  |         | 5200            | 13.38                                        | <=23.98 | Pass    |
|                  |         | 5240            | 13.41                                        | <=23.98 | Pass    |
|                  |         | 5260            | 13.35                                        | <=23.98 | Pass    |
|                  |         | 5300            | 13.24                                        | <=23.98 | Pass    |
|                  |         | 5320            | 12.94                                        | <=23.98 | Pass    |
|                  |         | 5500            | 12.41                                        | <=23.98 | Pass    |
|                  |         | 5580            | 13.75                                        | <=23.98 | Pass    |
|                  |         | 5700            | 12.03                                        | <=23.98 | Pass    |
|                  |         | 5745            | 11.00                                        | <=30    | Pass    |
|                  |         | 5785            | 10.73                                        | <=30    | Pass    |
|                  |         | 5825            | 10.53                                        | <=30    | Pass    |
| 802.11ac (VHT40) | SISO    | 5190            | 13.61                                        | <=23.98 | Pass    |
|                  |         | 5230            | 13.76                                        | <=23.98 | Pass    |
|                  |         | 5270            | 13.48                                        | <=23.98 | Pass    |

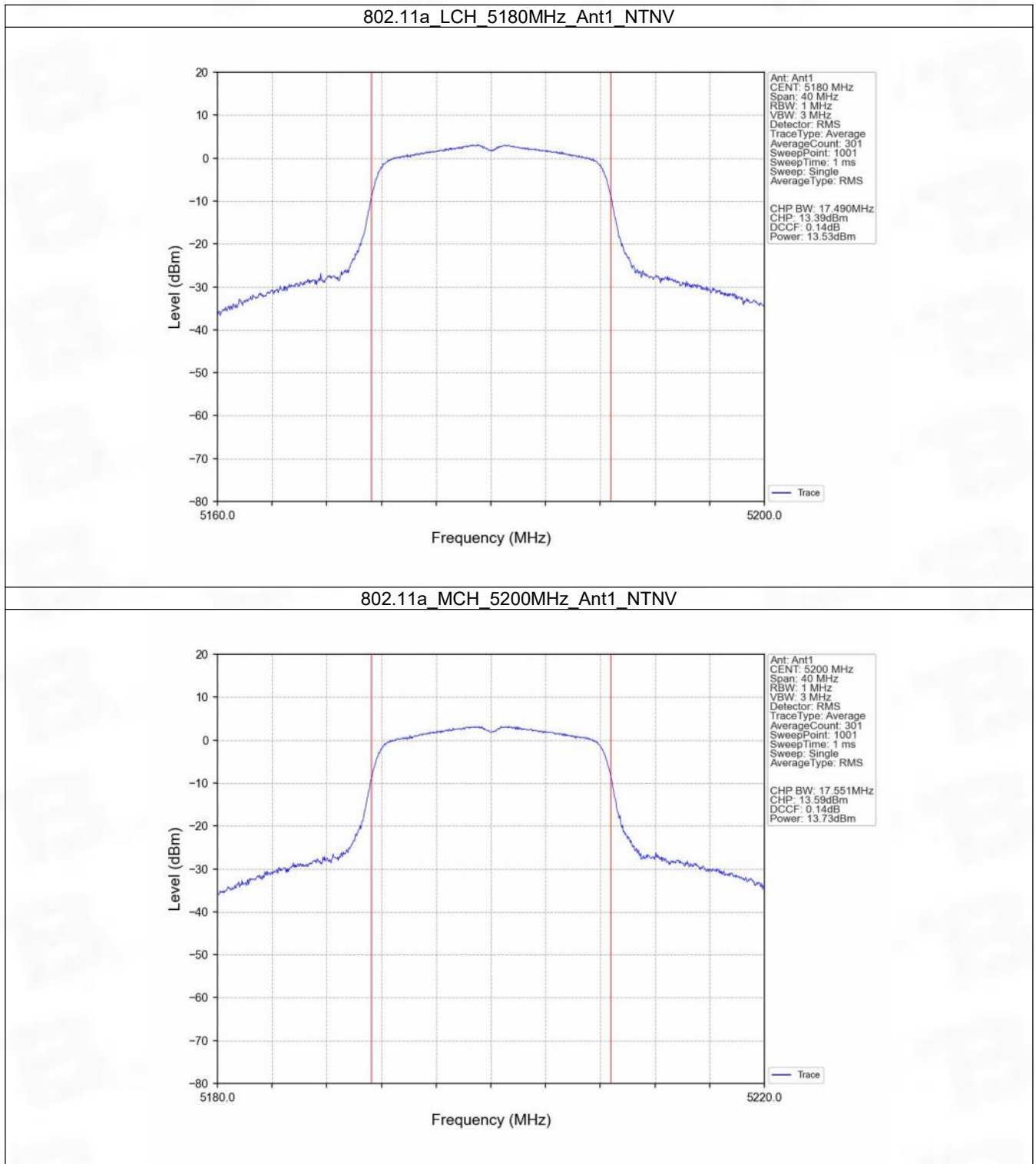
|                     |      |      |       |         |      |
|---------------------|------|------|-------|---------|------|
|                     |      | 5310 | 13.37 | <=23.98 | Pass |
|                     |      | 5510 | 12.55 | <=23.98 | Pass |
|                     |      | 5550 | 13.35 | <=23.98 | Pass |
|                     |      | 5670 | 13.11 | <=23.98 | Pass |
|                     |      | 5755 | 11.10 | <=30    | Pass |
|                     |      | 5795 | 10.91 | <=30    | Pass |
| 802.11ac<br>(VHT80) | SISO | 5210 | 14.15 | <=23.98 | Pass |
|                     |      | 5290 | 13.95 | <=23.98 | Pass |
|                     |      | 5530 | 13.27 | <=23.98 | Pass |
|                     |      | 5610 | 14.13 | <=23.98 | Pass |
|                     |      | 5775 | 11.81 | <=30    | Pass |

Note1: Antenna Gain:

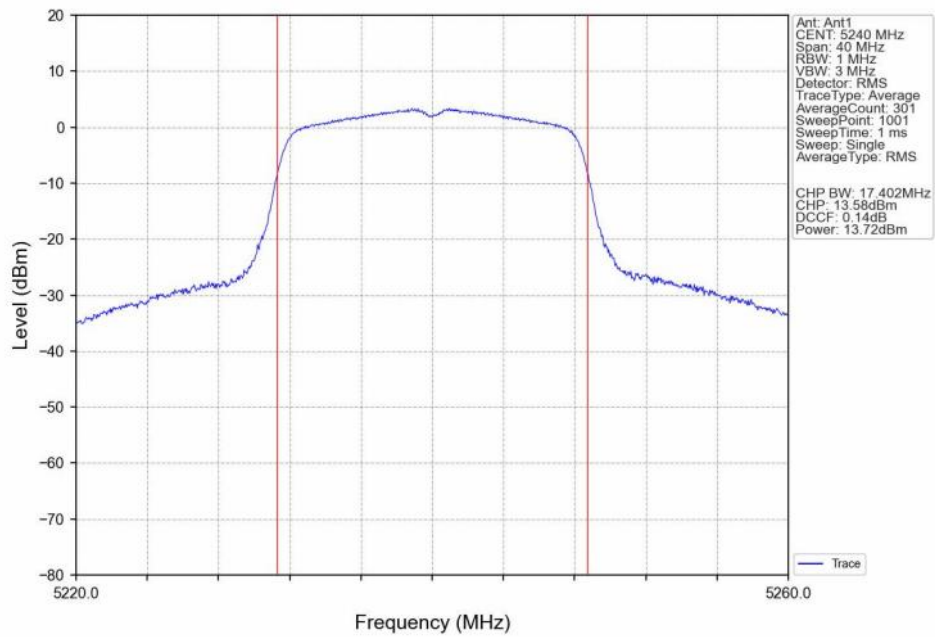
- Band: 2A Ant1: 2.42dBi;
- Band: 2C Ant1: 1.34dBi;
- Band: 1 Ant1: 1.80dBi;
- Band: 3 Ant1: -1.45dBi;

## 3.2 Test Graph

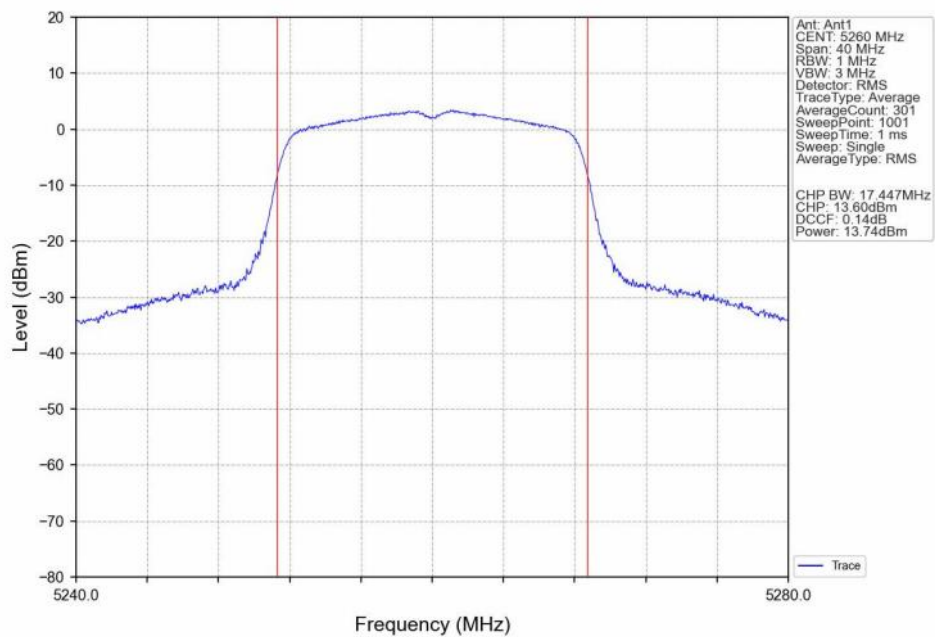
### 3.2.1 Power



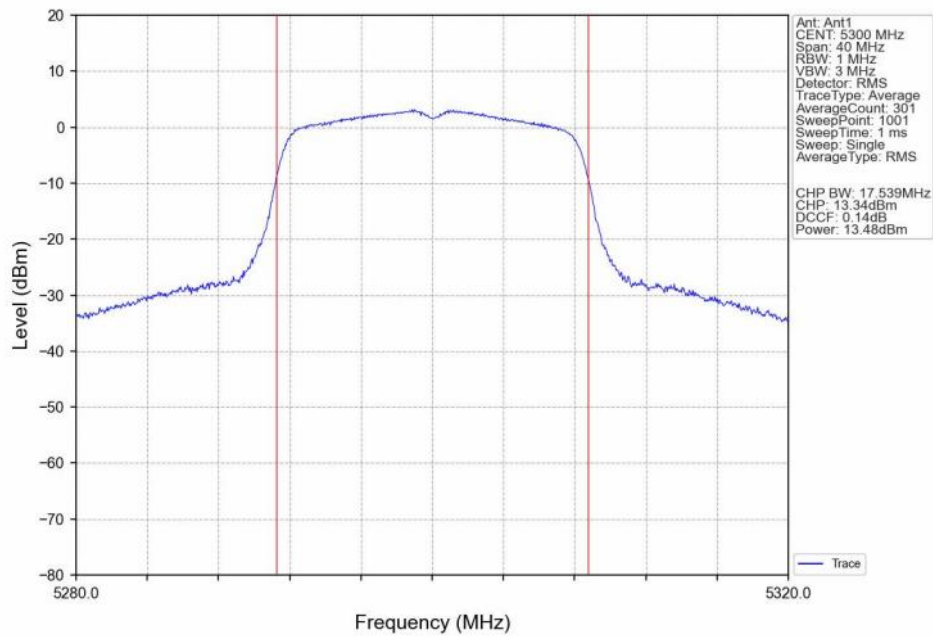
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



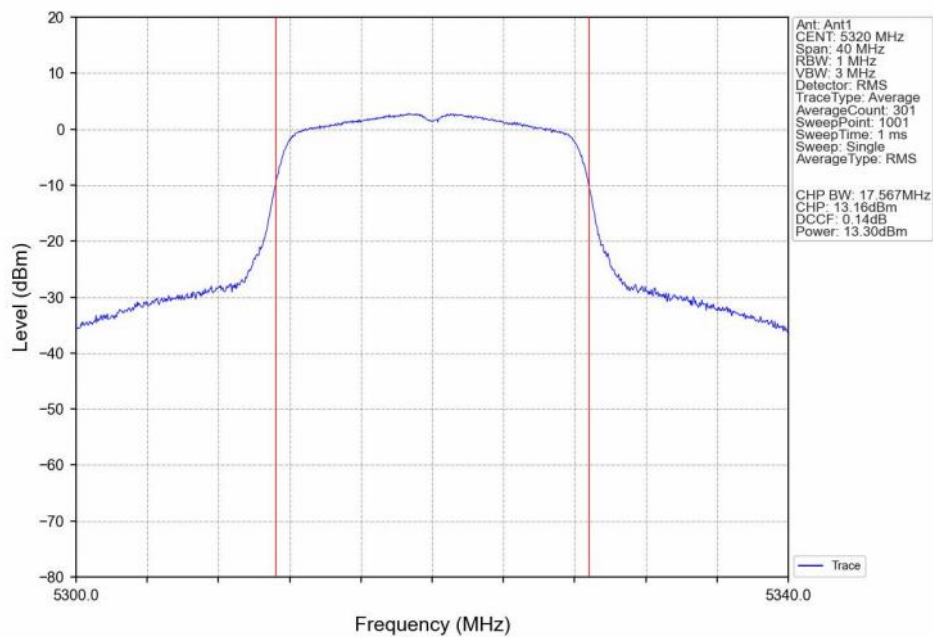
802.11a\_LCH\_5260MHz\_Ant1\_NTNV



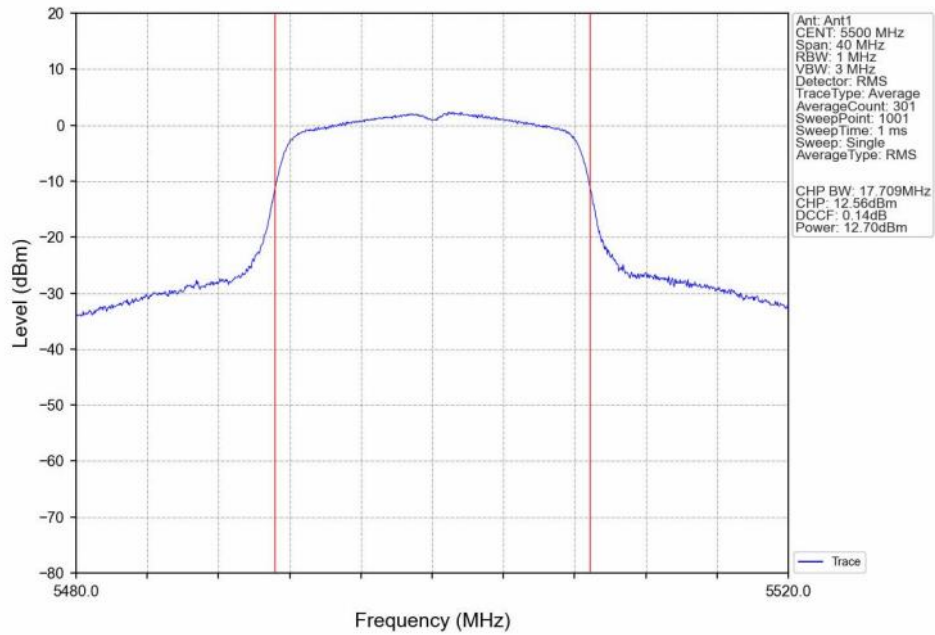
802.11a\_MCH\_5300MHz\_Ant1\_NTNV



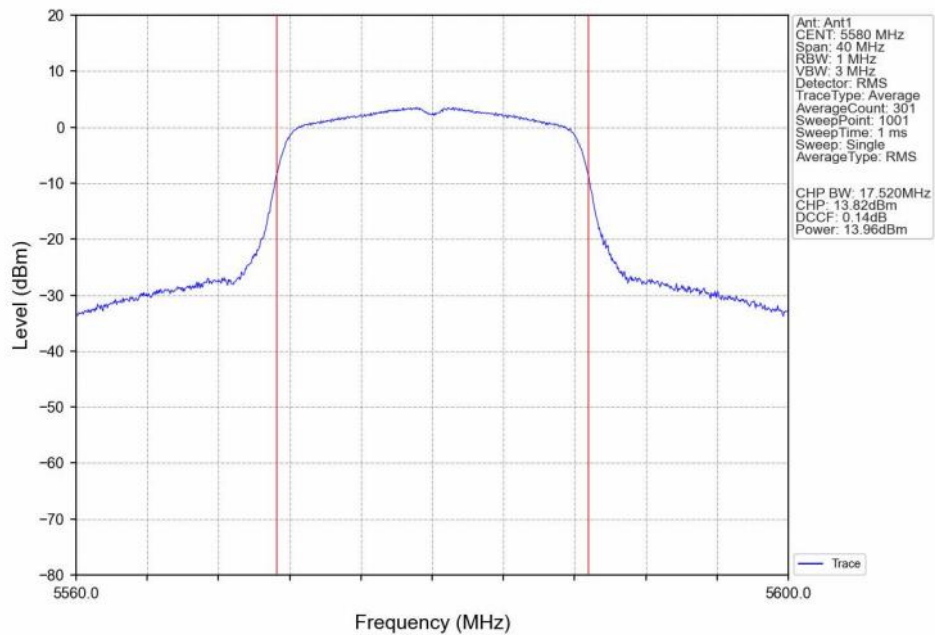
802.11a\_HCH\_5320MHz\_Ant1\_NTNV



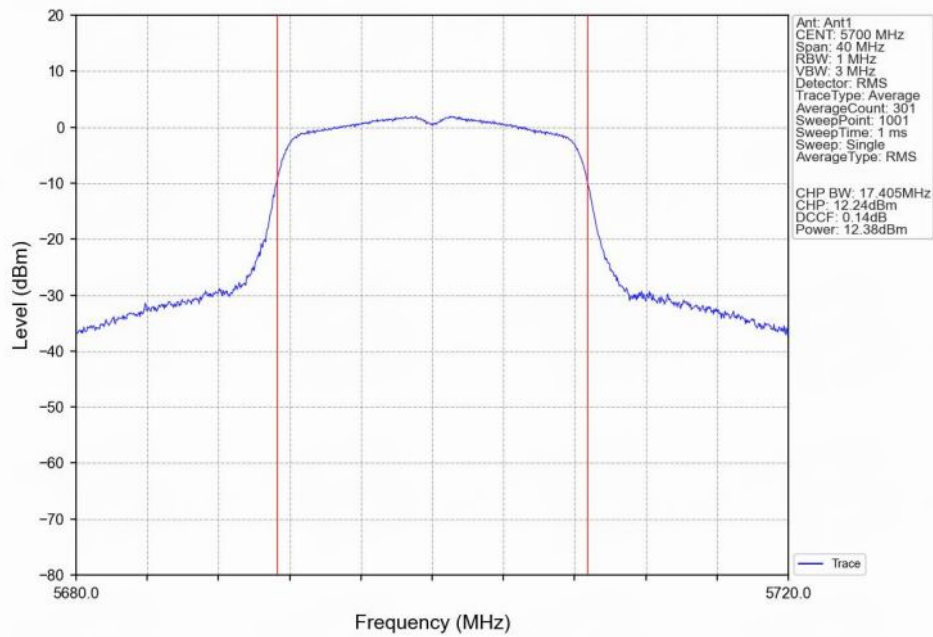
802.11a\_LCH\_5500MHz\_Ant1\_NTNV



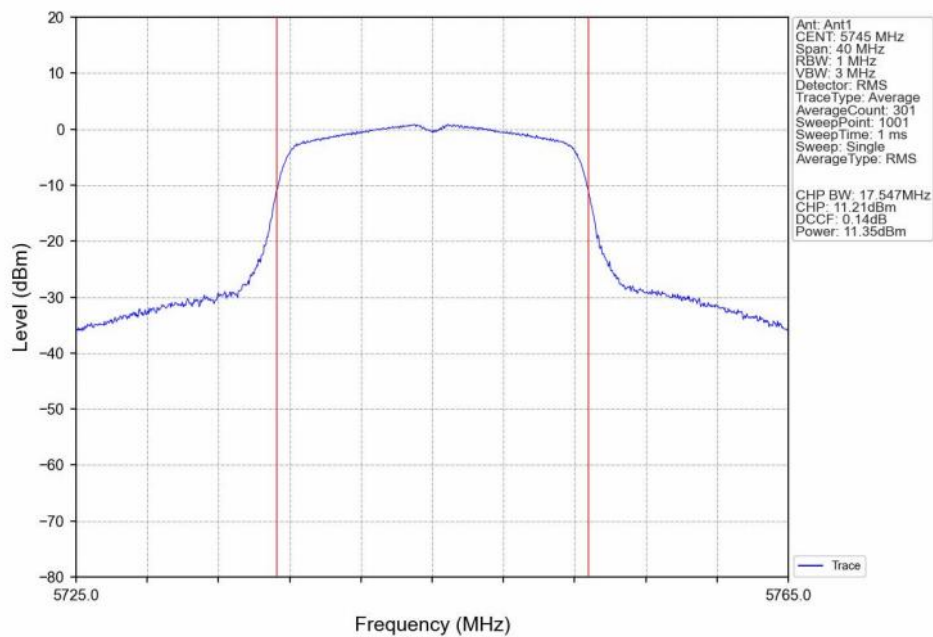
802.11a\_MCH\_5580MHz\_Ant1\_NTNV



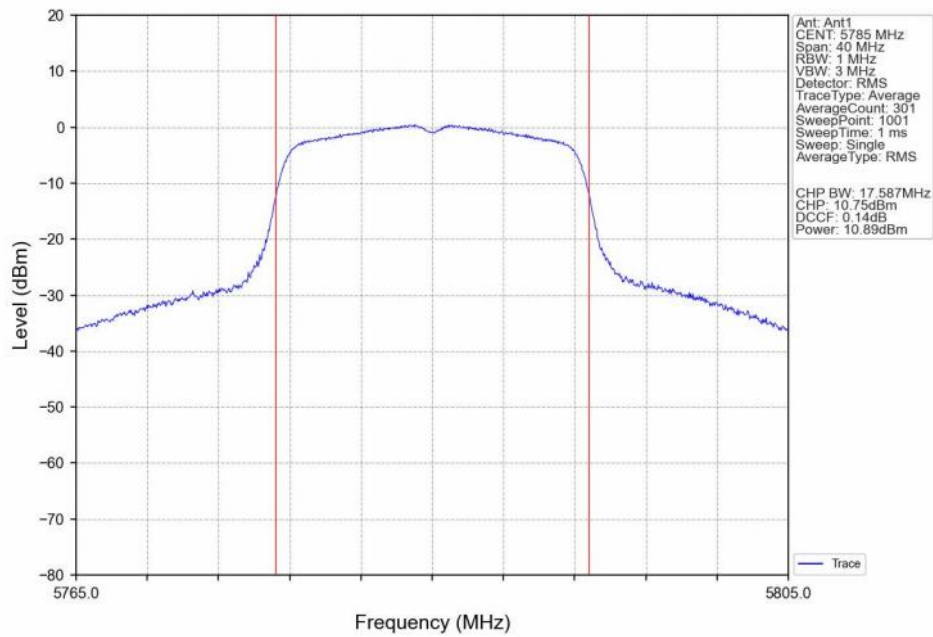
802.11a\_HCH\_5700MHz\_Ant1\_NTNV



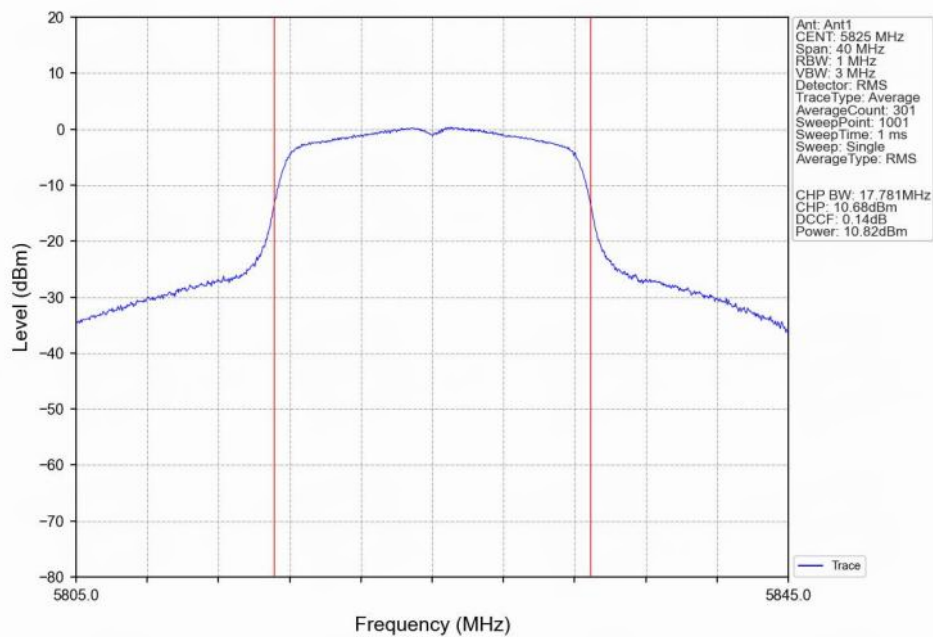
802.11a\_LCH\_5745MHz\_Ant1\_NTNV



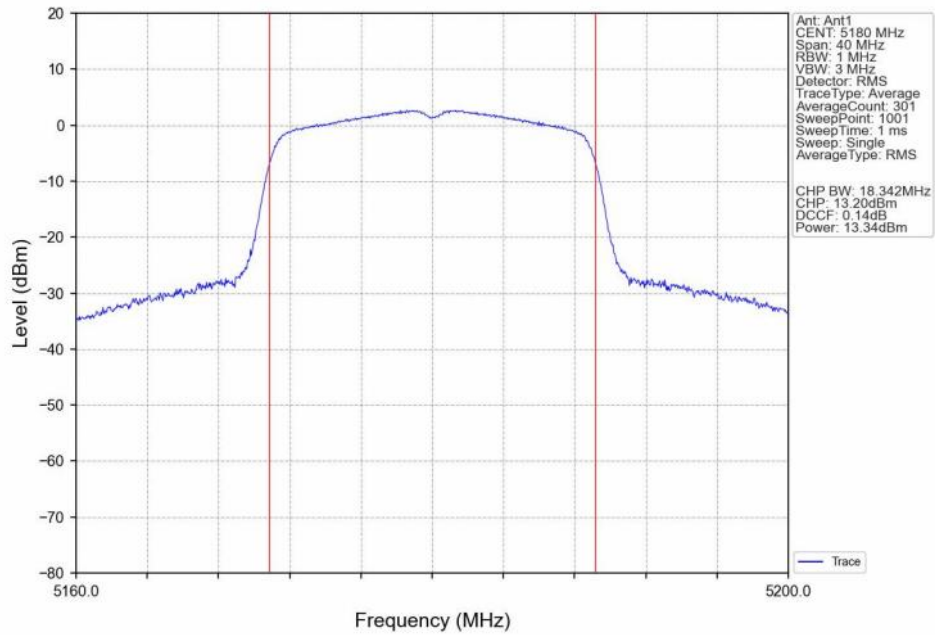
802.11a\_MCH\_5785MHz\_Ant1\_NTNV



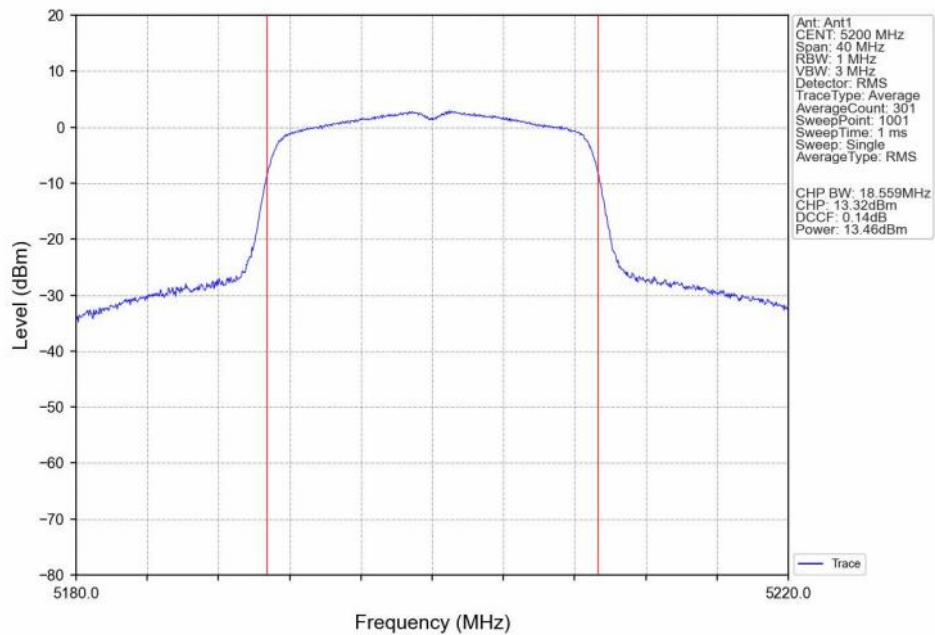
802.11a\_HCH\_5825MHz\_Ant1\_NTNV



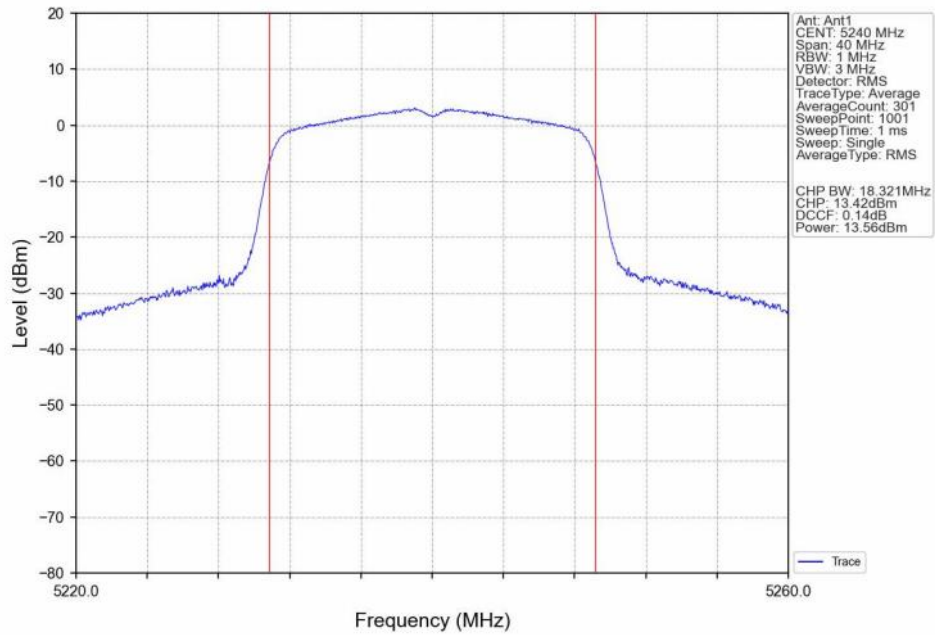
802.11n(HT20)\_LCH\_5180MHz\_Ant1\_NTNV



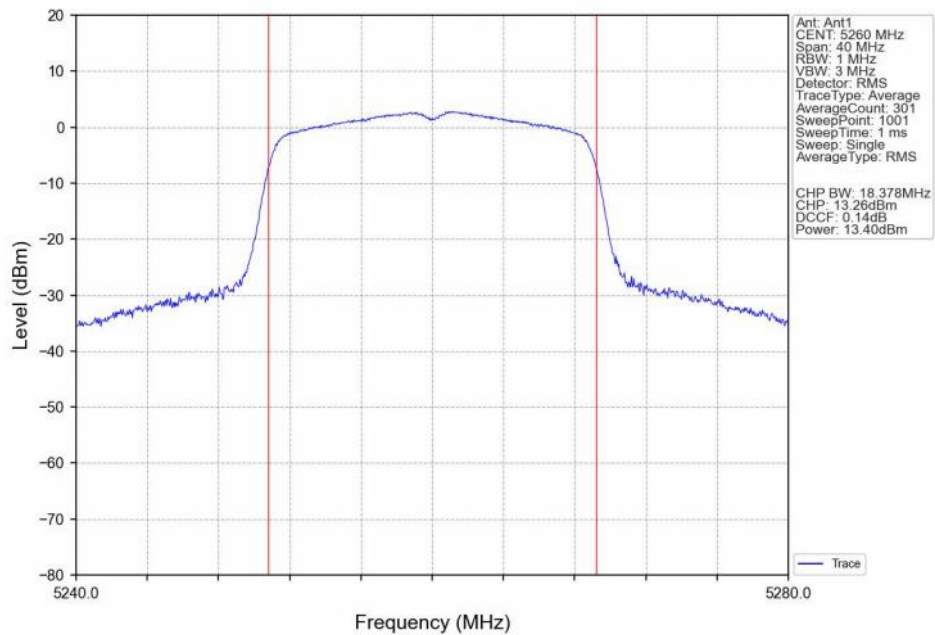
802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



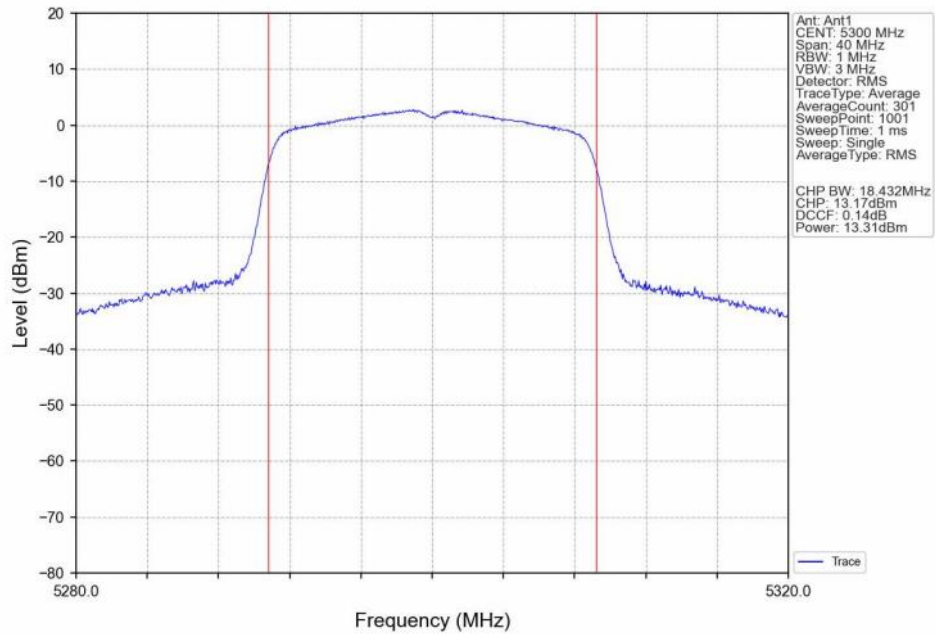
802.11n(HT20) HCH\_5240MHz\_Ant1\_NTNV



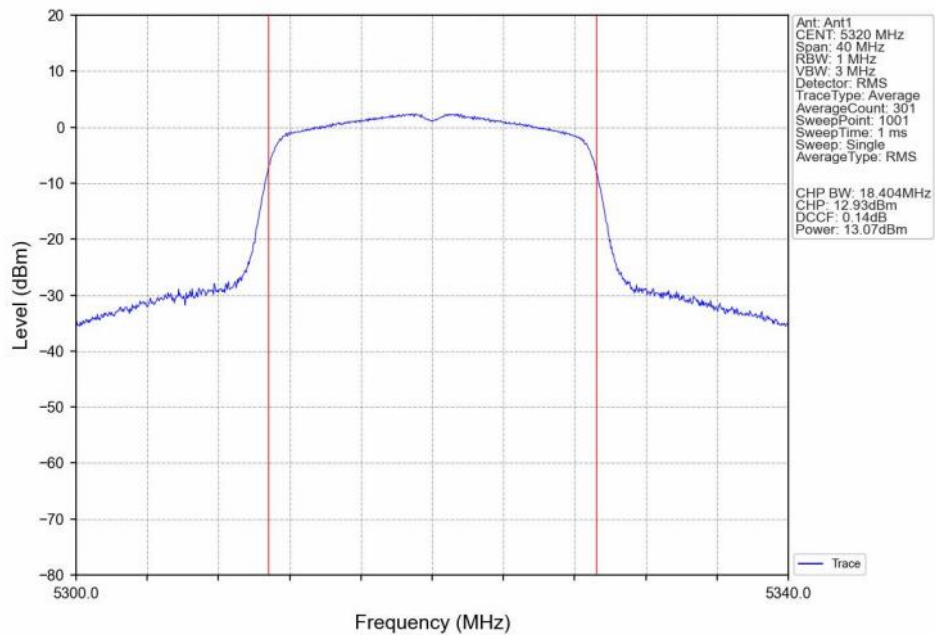
802.11n(HT20) LCH\_5260MHz\_Ant1\_NTNV



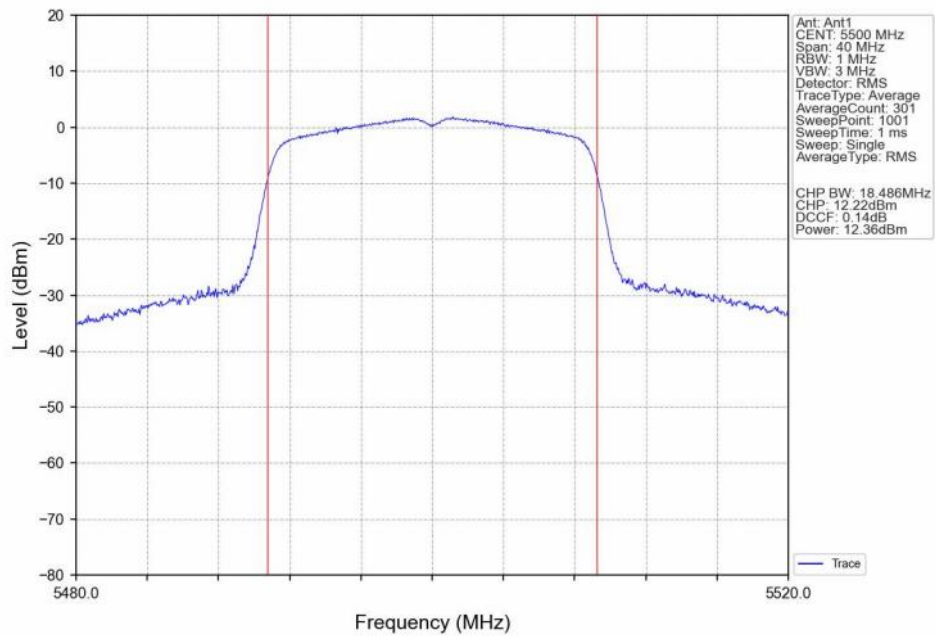
802.11n(HT20)\_MCH\_5300MHz\_Ant1\_NTNV



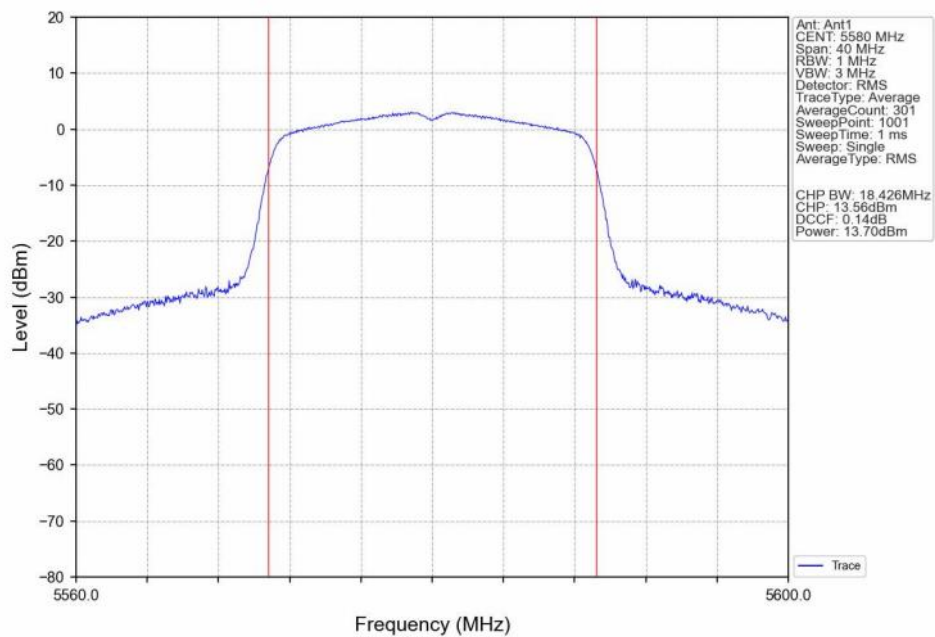
802.11n(HT20)\_HCH\_5320MHz\_Ant1\_NTNV



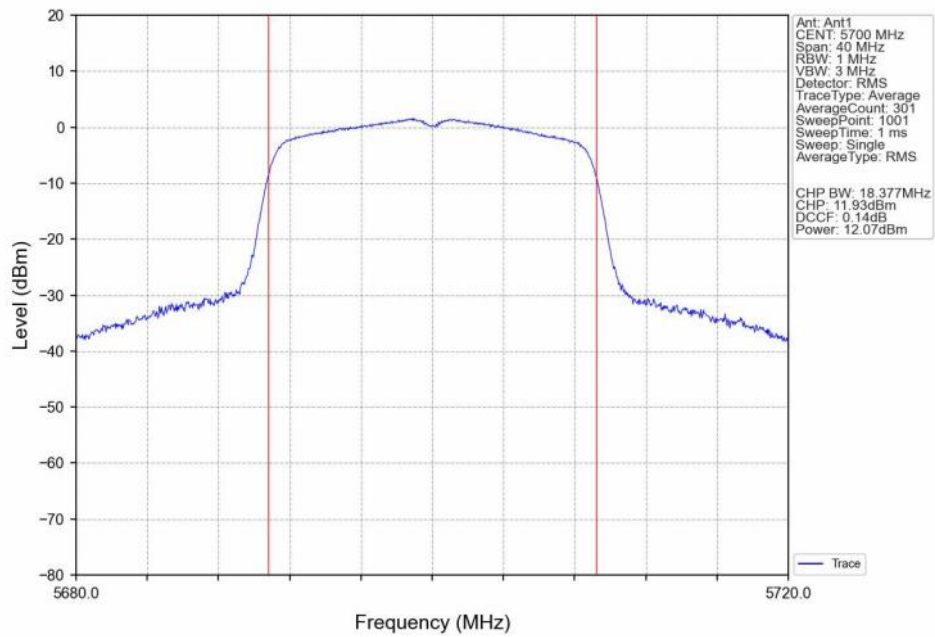
802.11n(HT20)\_LCH\_5500MHz\_Ant1\_NTNV



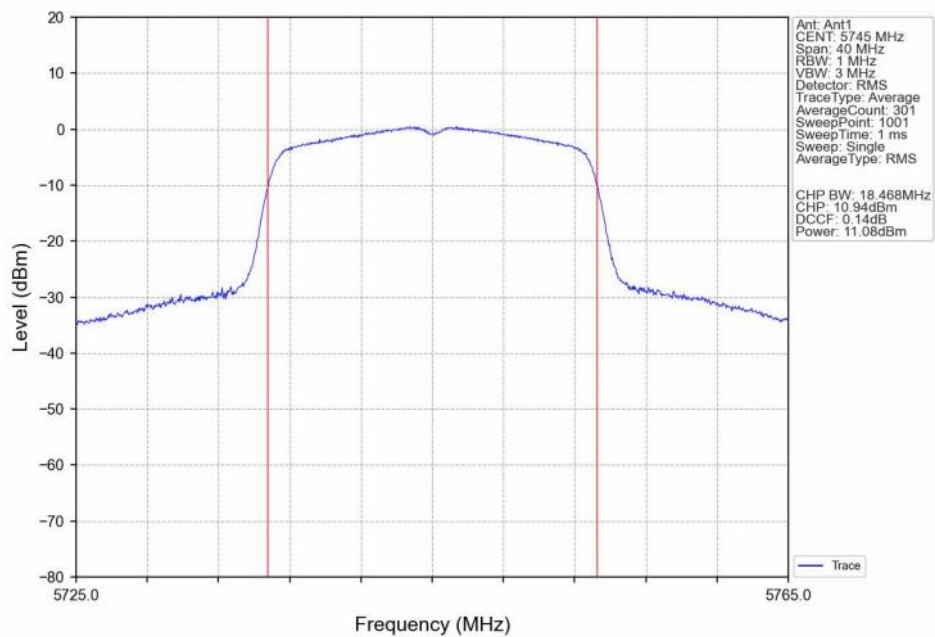
802.11n(HT20)\_MCH\_5580MHz\_Ant1\_NTNV



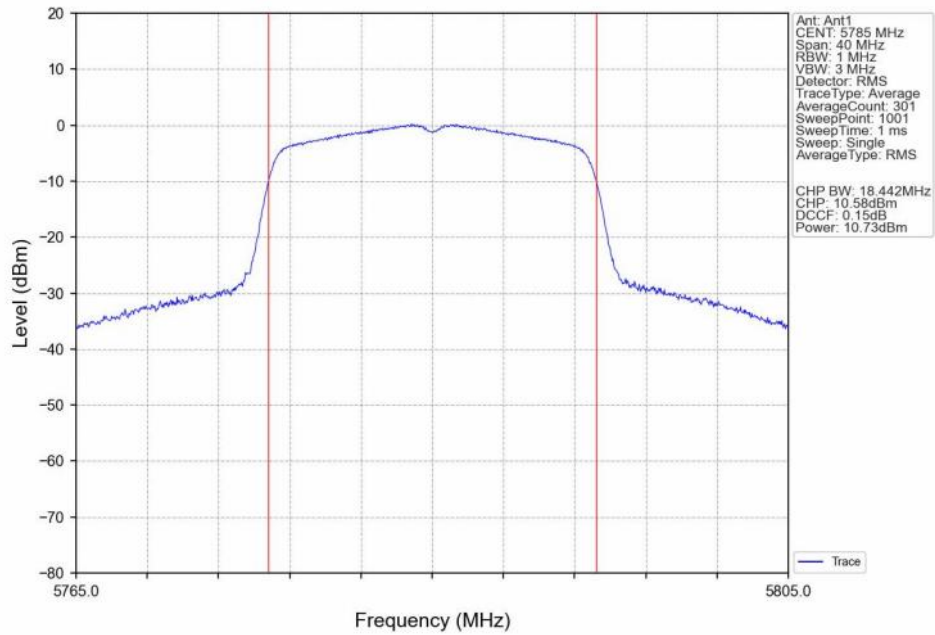
802.11n(HT20)\_HCH\_5700MHz\_Ant1\_NTNV



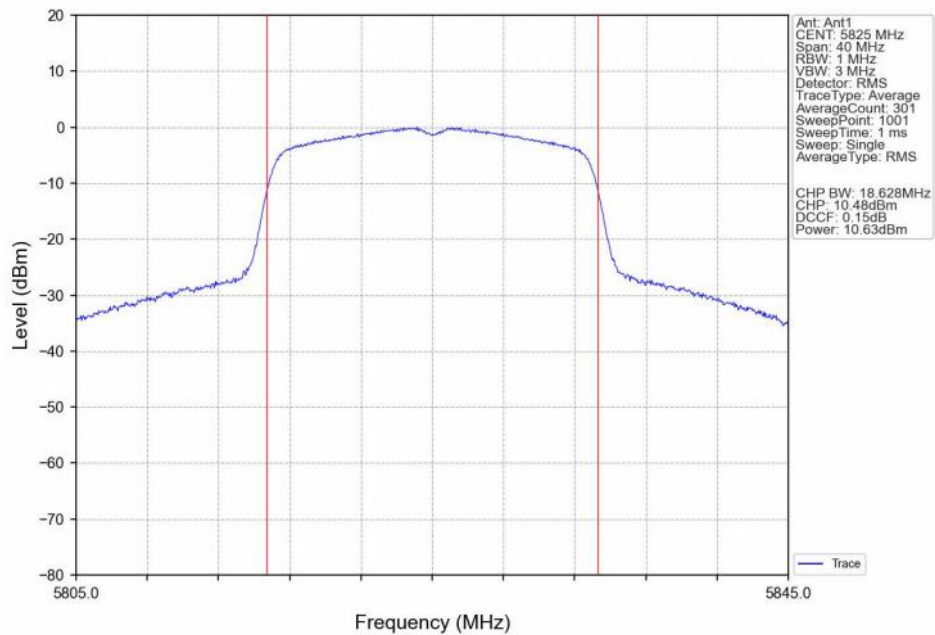
802.11n(HT20)\_LCH\_5745MHz\_Ant1\_NTNV



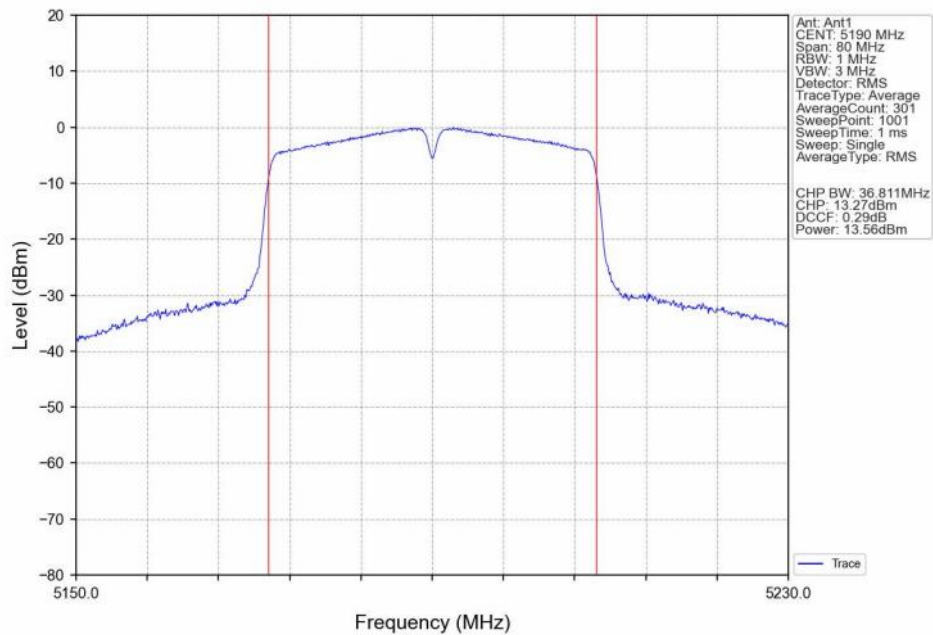
802.11n(HT20)\_MCH\_5785MHz\_Ant1\_NTNV



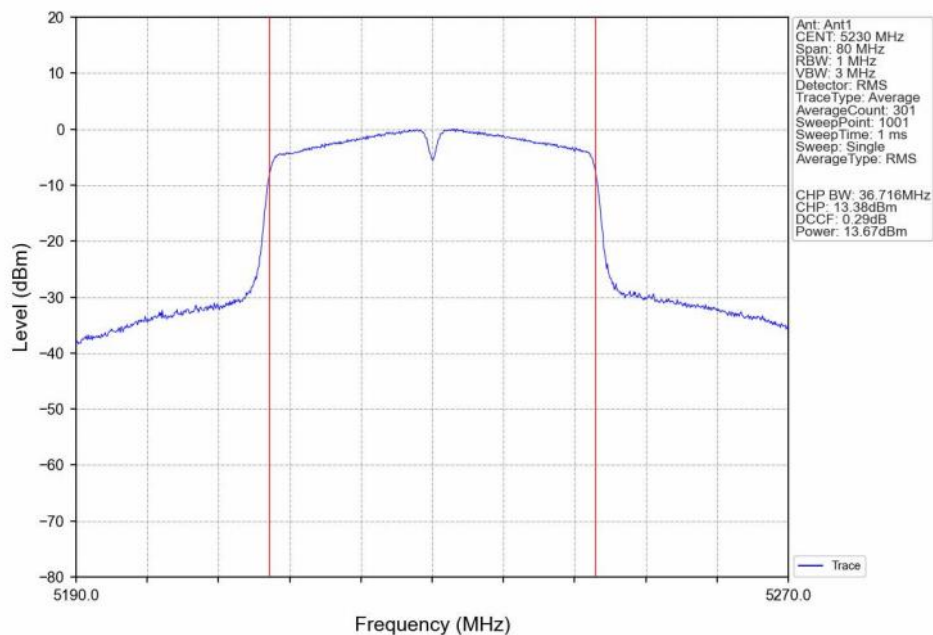
802.11n(HT20)\_HCH\_5825MHz\_Ant1\_NTNV



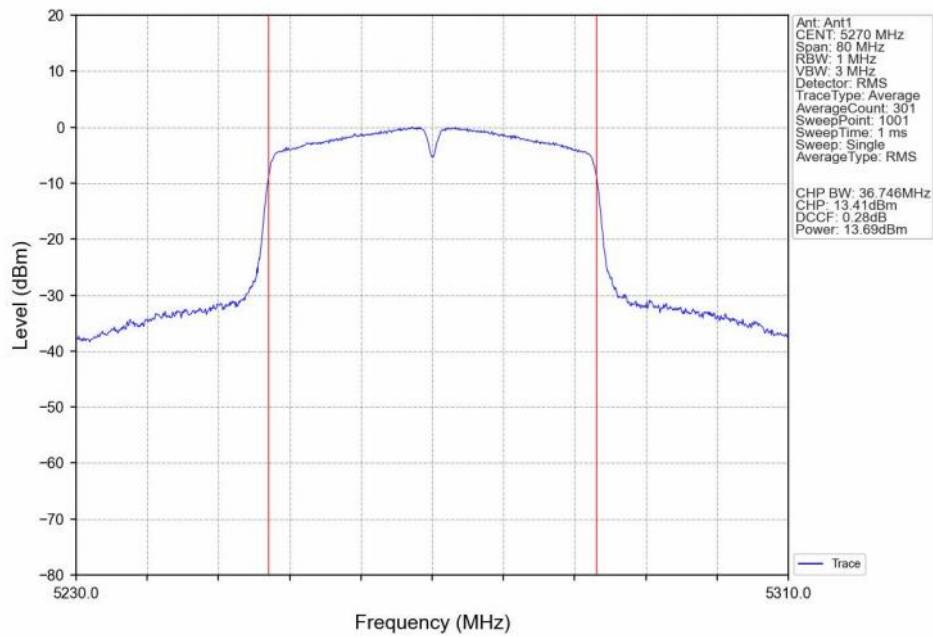
802.11n(HT40)\_LCH\_5190MHz\_Ant1\_NTNV



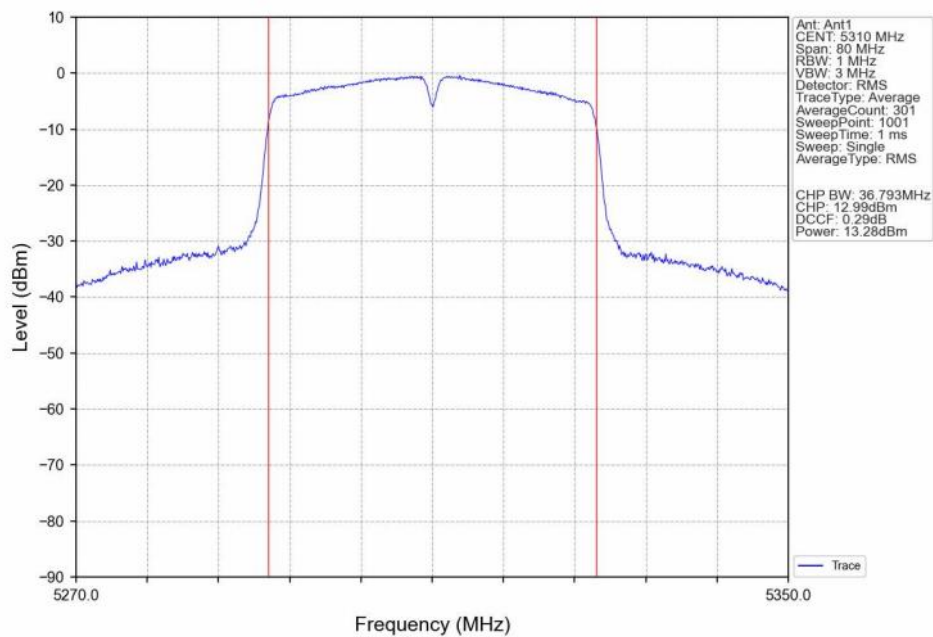
802.11n(HT40)\_HCH\_5230MHz\_Ant1\_NTNV



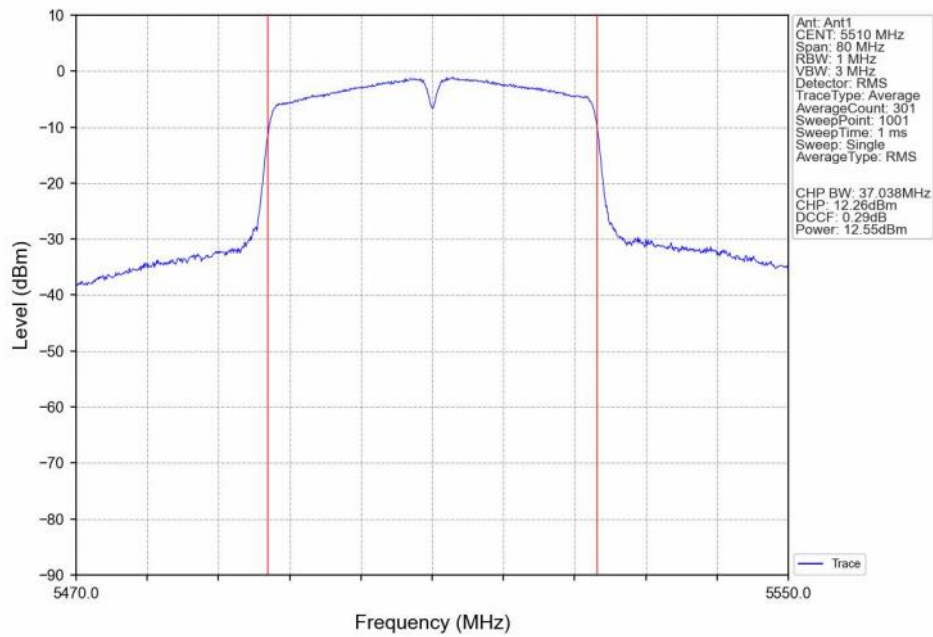
802.11n(HT40)\_LCH\_5270MHz\_Ant1\_NTNV



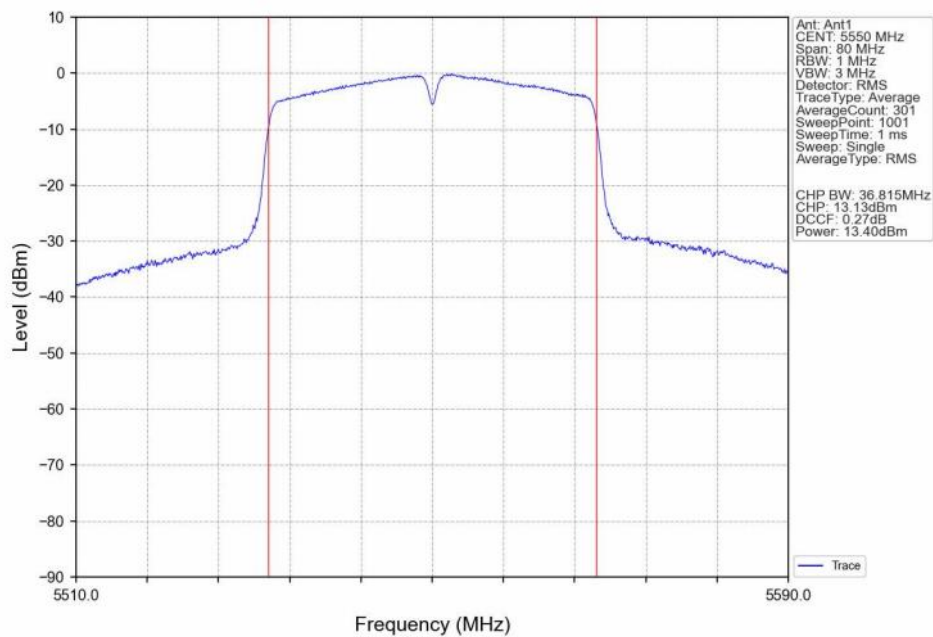
802.11n(HT40)\_HCH\_5310MHz\_Ant1\_NTNV



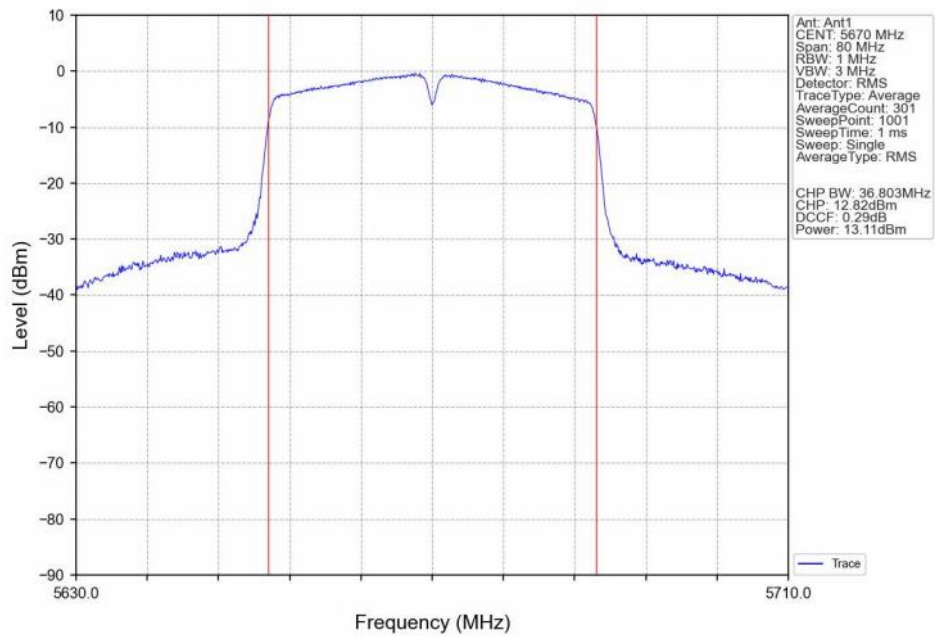
802.11n(HT40)\_LCH\_5510MHz\_Ant1\_NTNV



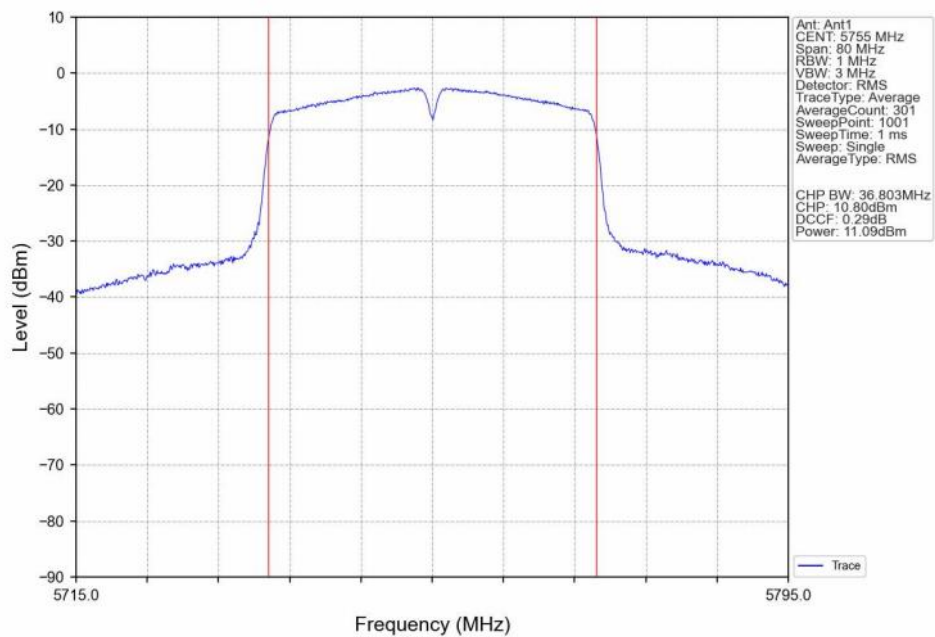
802.11n(HT40)\_MCH\_5550MHz\_Ant1\_NTNV



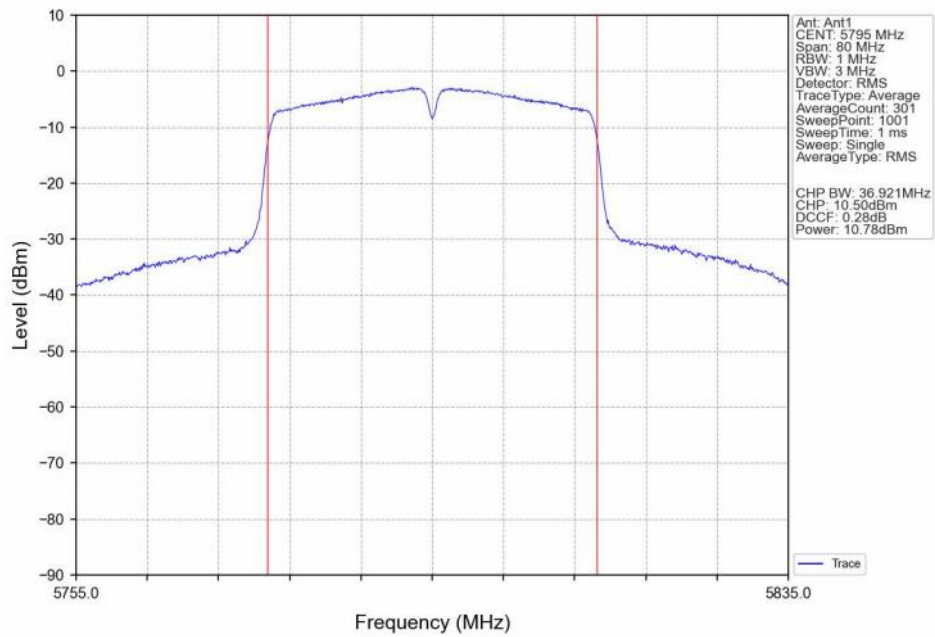
802.11n(HT40) HCH\_5670MHz\_Ant1\_NTNV



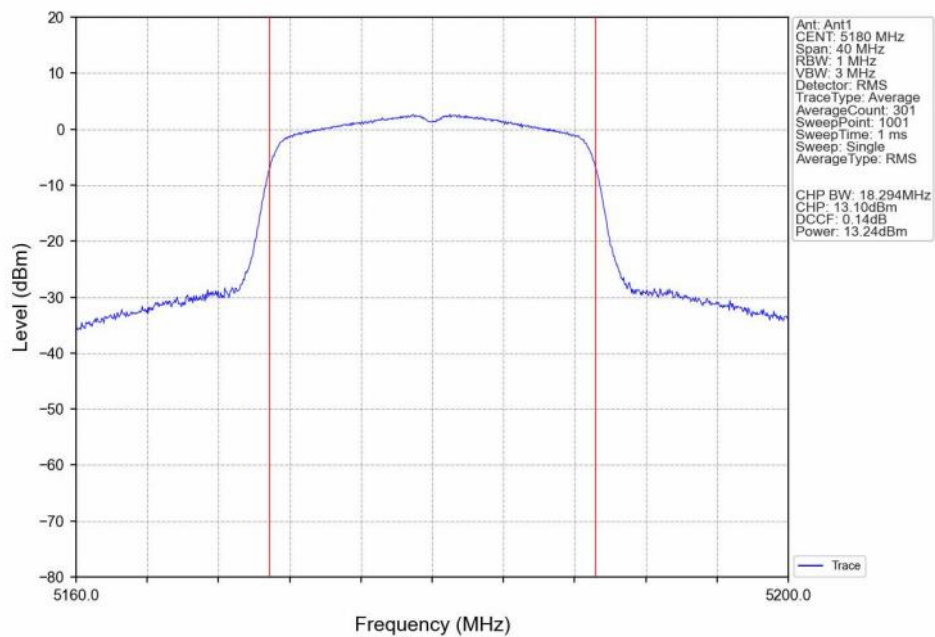
802.11n(HT40) LCH\_5755MHz\_Ant1\_NTNV



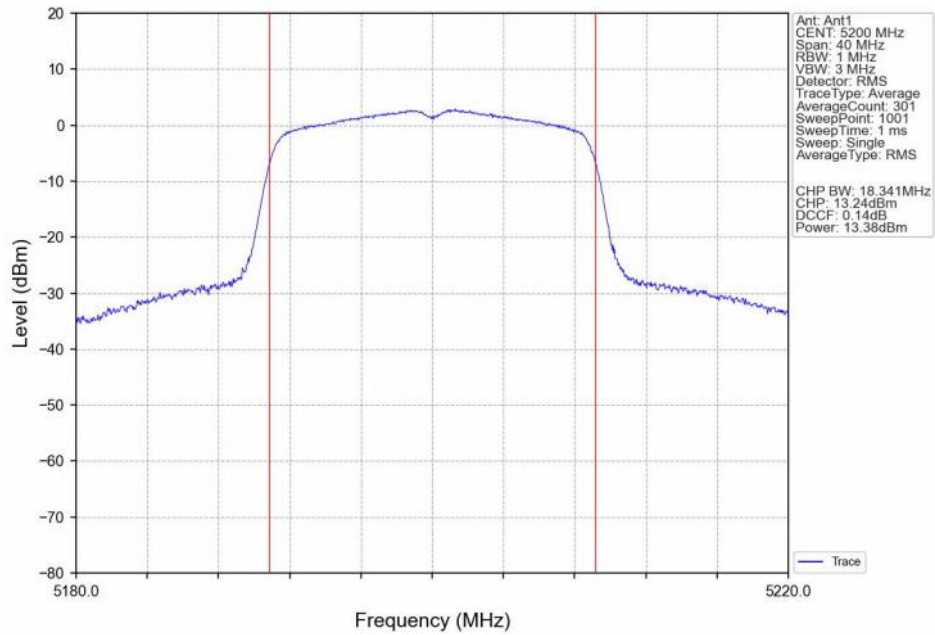
802.11n(HT40) \_HCH\_ 5795MHz \_Ant1\_ \_NTNV



802.11ac(VHT20) \_LCH\_ 5180MHz \_Ant1\_ \_NTNV



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



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

