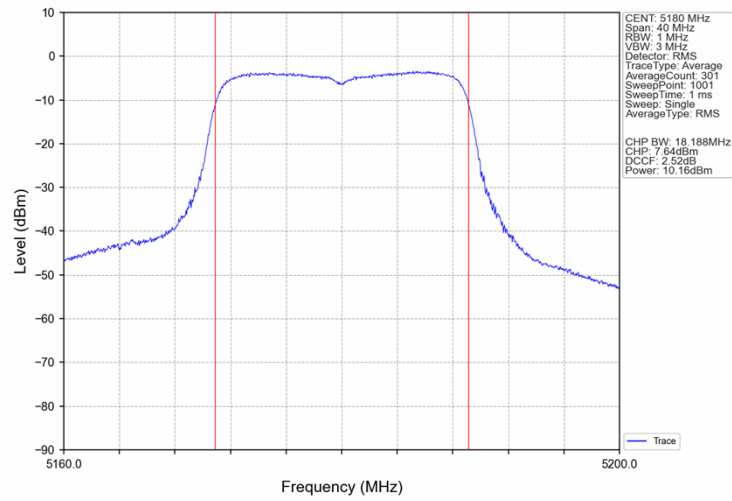
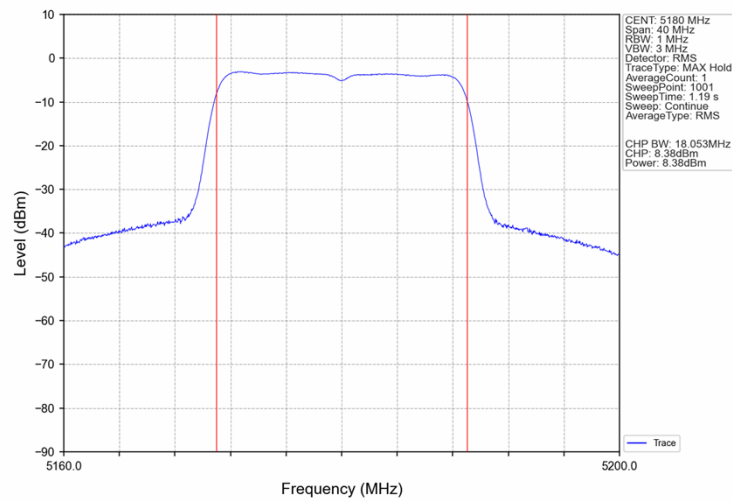


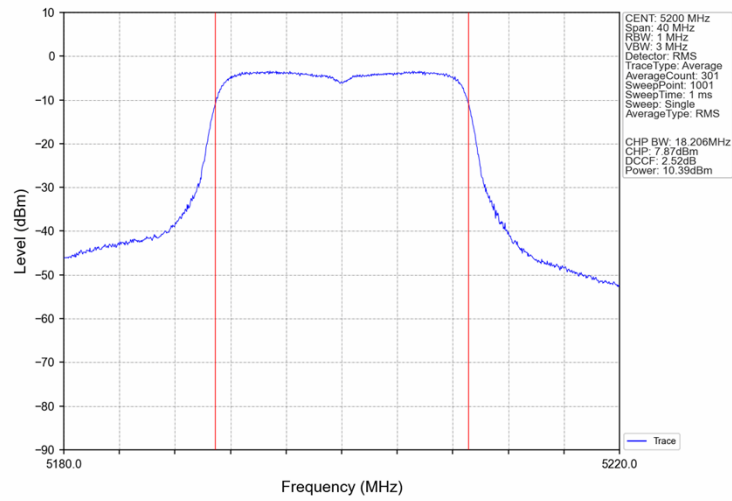
# 802.11ac(VHT20)\_LCH\_5180MHz\_Ant1\_NTNV



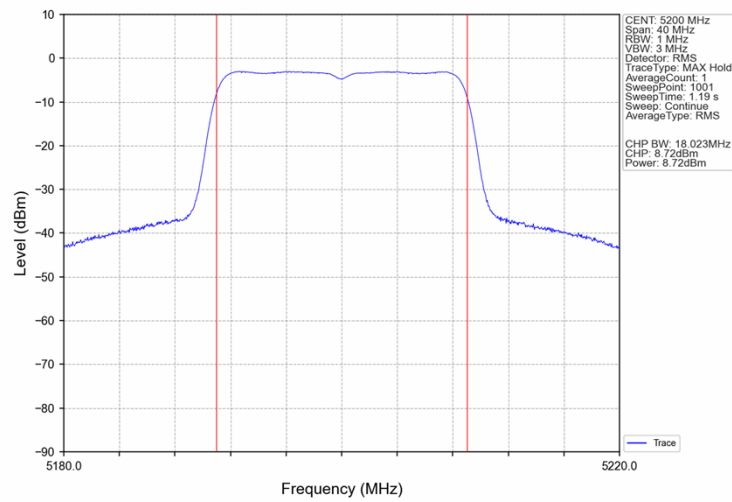
# 802.11ac(VHT20)\_LCH\_5180MHz\_Ant2\_NTNV



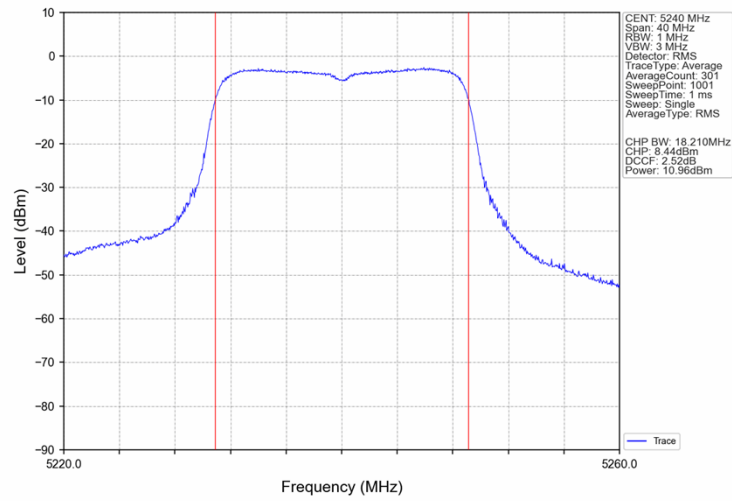
# 802.11ac(VHT20) MCH\_5200MHz\_Ant1\_NTNV



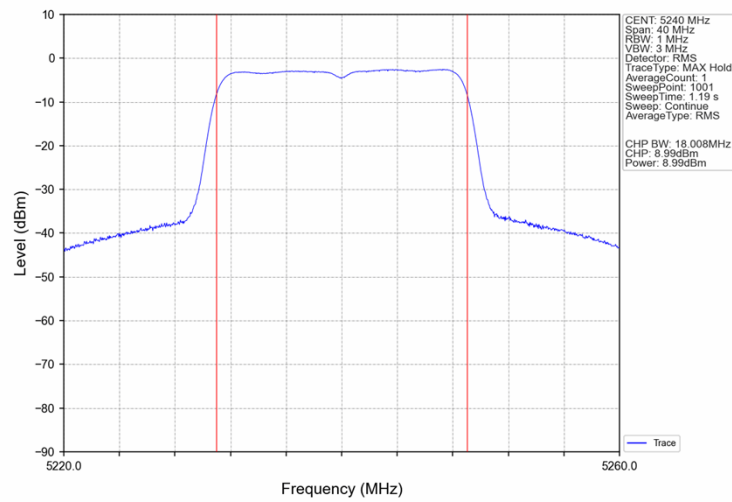
# 802.11ac(VHT20) MCH\_5200MHz\_Ant2\_NTNV



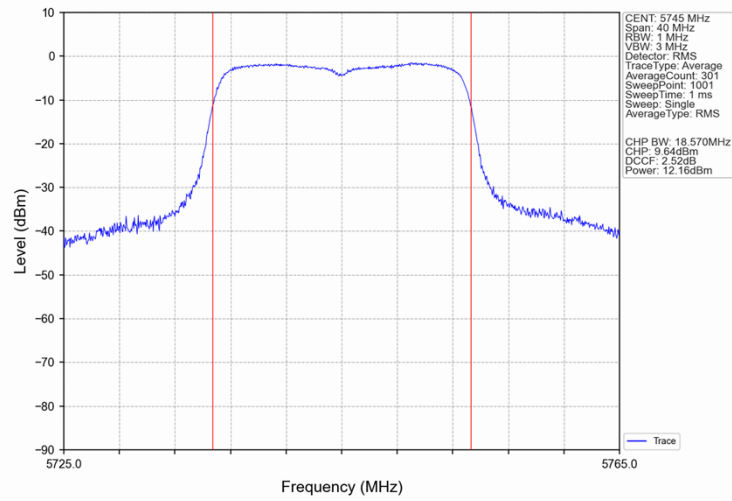
# 802.11ac(VHT20)\_HCH\_5240MHz\_Ant1\_NTNV



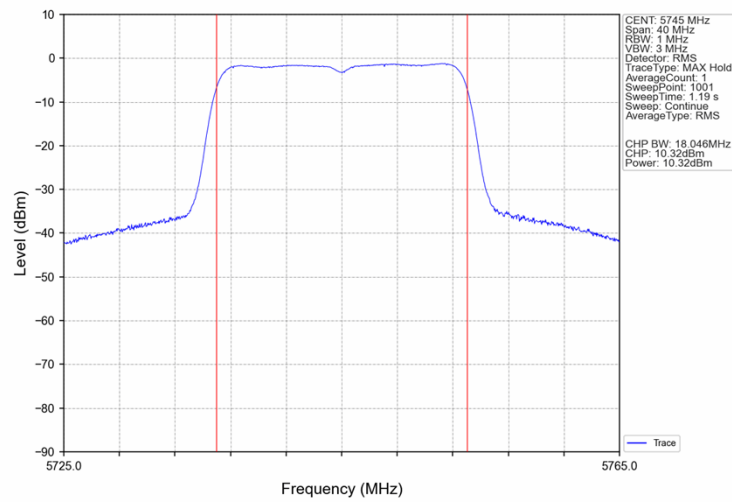
# 802.11ac(VHT20)\_HCH\_5240MHz\_Ant2\_NTNV



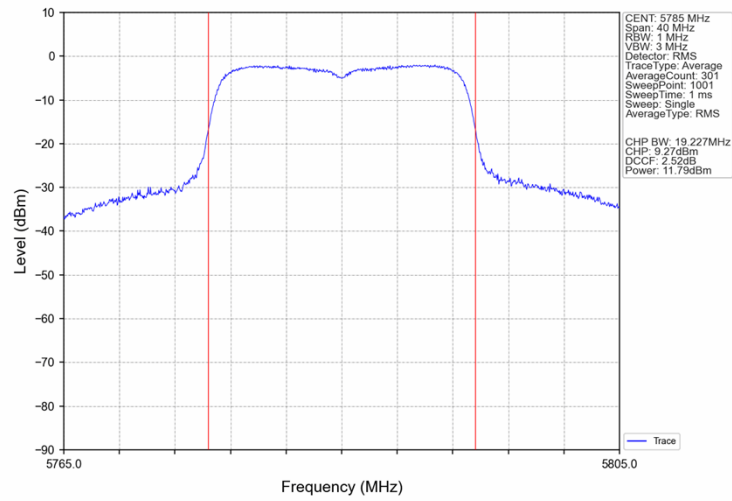
# 802.11ac(VHT20)\_LCH\_5745MHz\_Ant1\_NTNV



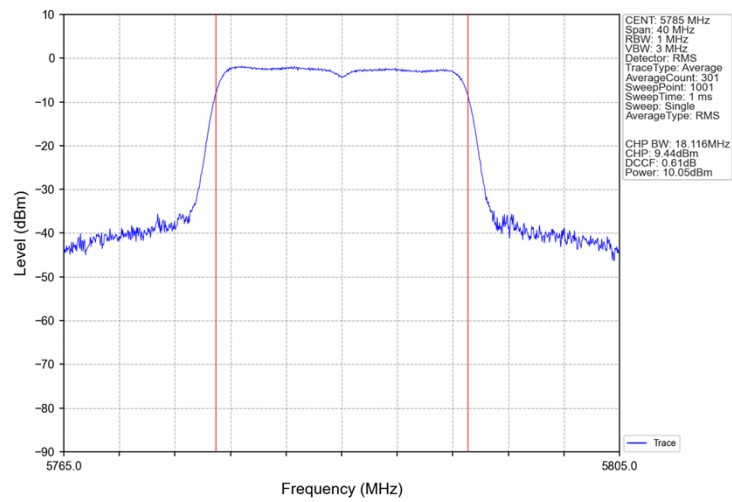
# 802.11ac(VHT20)\_LCH\_5745MHz\_Ant2\_NTNV



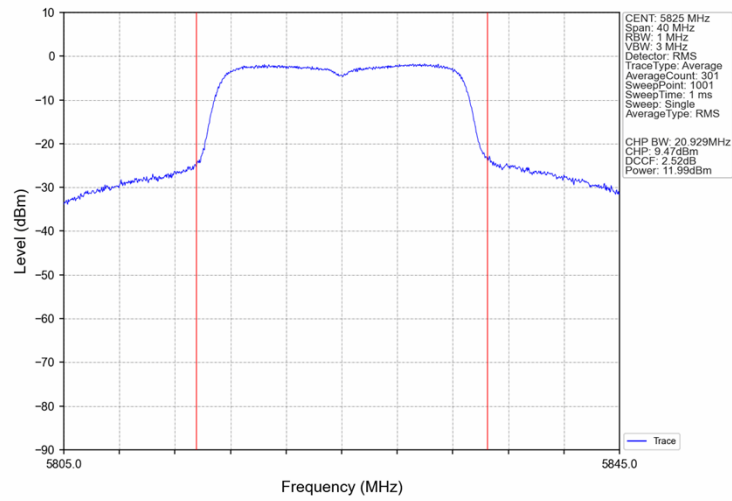
# 802.11ac(VHT20) MCH\_5785MHz\_Ant1\_NTNV



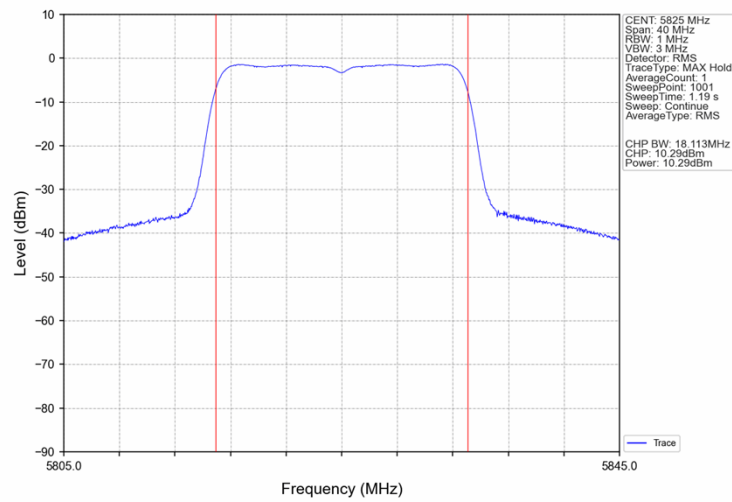
# 802.11ac(VHT20) MCH\_5785MHz\_Ant2\_NTNV



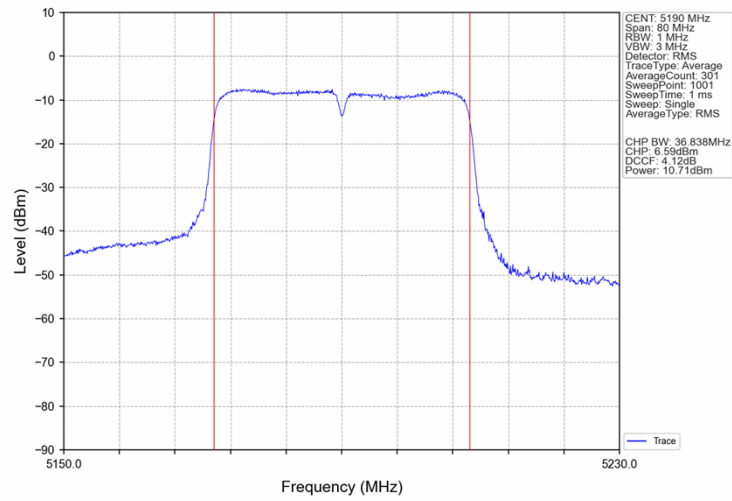
# 802.11ac(VHT20)\_HCH\_5825MHz\_Ant1\_NTNV



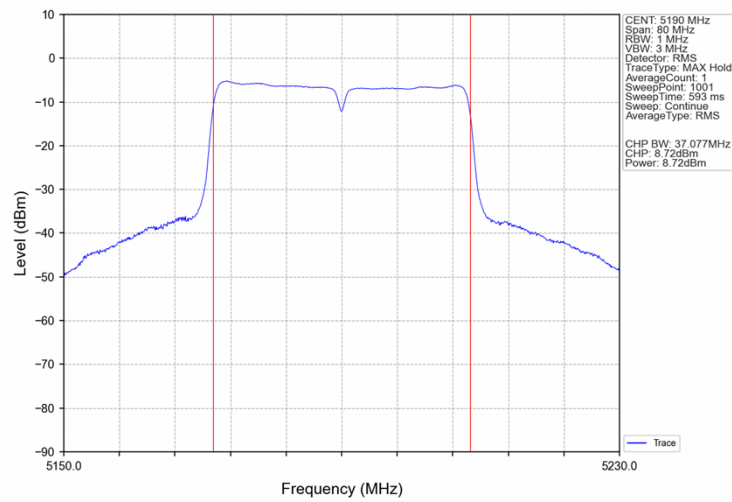
# 802.11ac(VHT20)\_HCH\_5825MHz\_Ant2\_NTNV



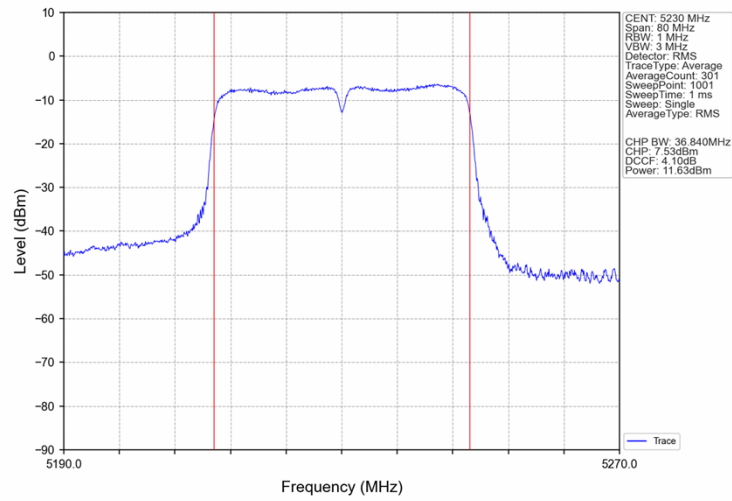
# 802.11ac(VHT40)\_LCH\_5190MHz\_Ant1\_NTNV



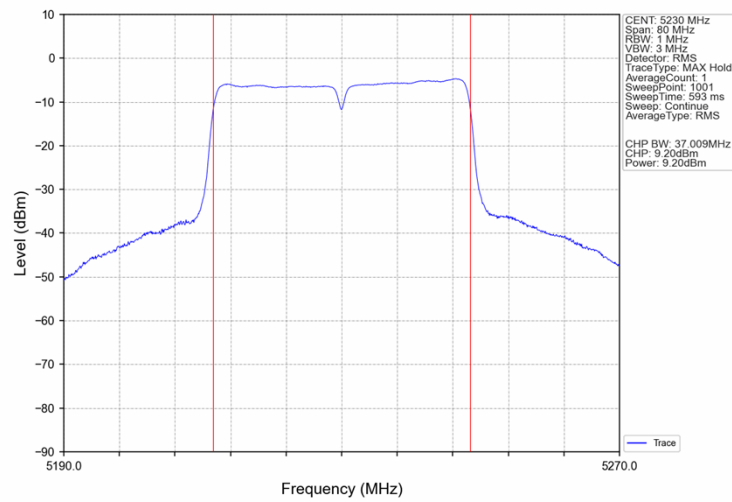
# 802.11ac(VHT40)\_LCH\_5190MHz\_Ant2\_NTNV



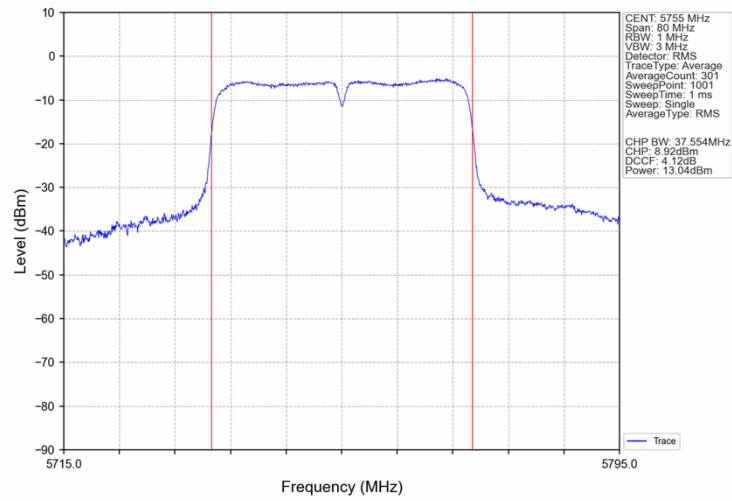
# 802.11ac(VHT40)\_HCH\_5230MHz\_Ant1\_NTNV



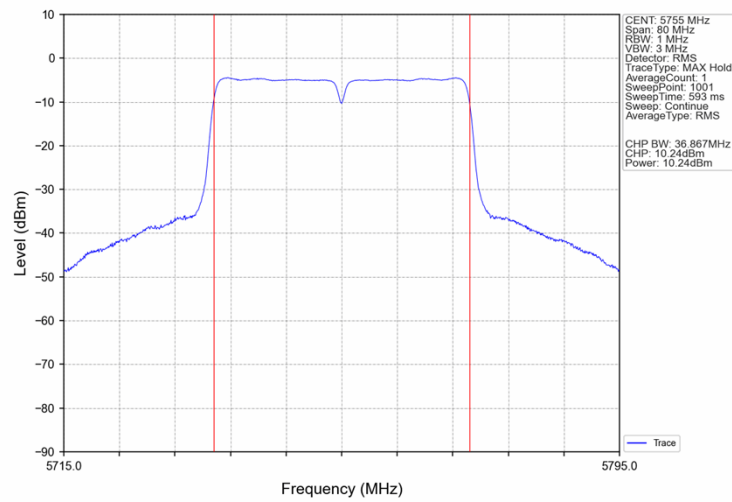
# 802.11ac(VHT40)\_HCH\_5230MHz\_Ant2\_NTNV



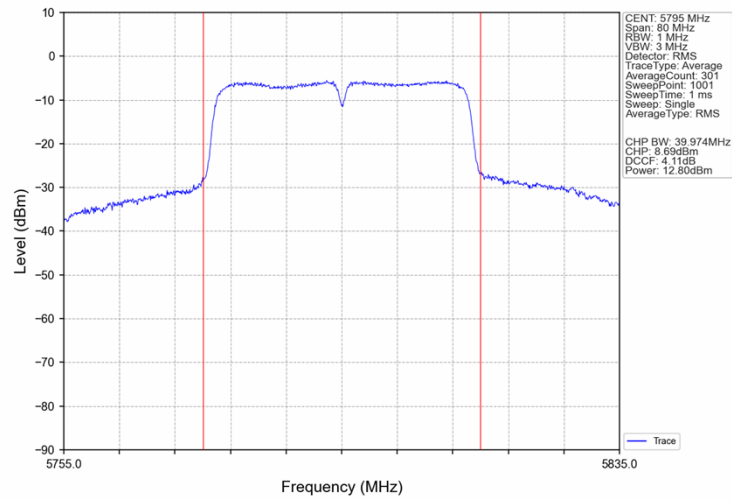
# 802.11ac(VHT40)\_LCH\_5755MHz\_Ant1\_NTNV



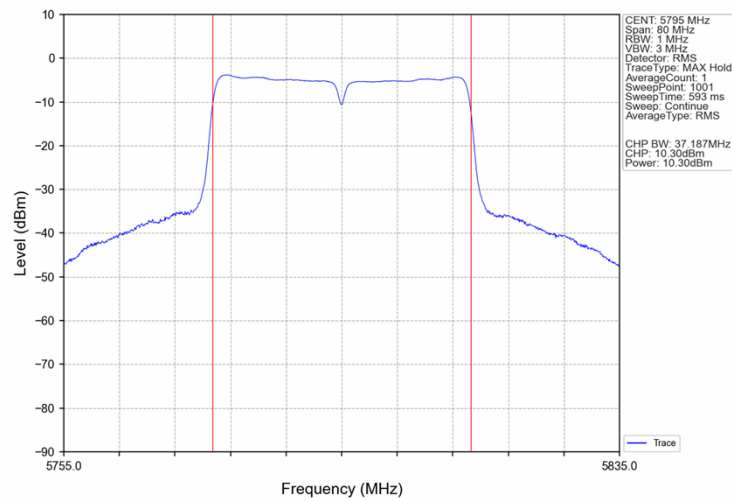
# 802.11ac(VHT40)\_LCH\_5755MHz\_Ant2\_NTNV



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



# 802.11ac(VHT40)\_HCH\_5795MHz\_Ant2\_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                  | ANT2  | Limit |         |
| 802.11a          | SISO    | 5180            | 0.97                  | 1.02  | <=11  | Pass    |
|                  |         | 5200            | 0.26                  | -1.72 | <=11  | Pass    |
|                  |         | 5240            | 0.49                  | -1.34 | <=11  | Pass    |
| 802.11n (HT20)   | SISO    | 5180            | -0.71                 | -3.02 | <=11  | Pass    |
|                  |         | 5200            | -0.42                 | -3.08 | <=11  | Pass    |
|                  |         | 5240            | 0.14                  | -1.61 | <=11  | Pass    |
| 802.11n (HT40)   | SISO    | 5190            | -2.47                 | -3.74 | <=11  | Pass    |
|                  |         | 5230            | -2.72                 | -3.19 | <=11  | Pass    |
| 802.11ac (VHT20) | SISO    | 5180            | -1.16                 | -3.08 | <=11  | Pass    |
|                  |         | 5200            | -0.79                 | -3.02 | <=11  | Pass    |
|                  |         | 5240            | 0.14                  | -2.58 | <=11  | Pass    |
| 802.11ac (VHT40) | SISO    | 5190            | -2.75                 | -5.28 | <=11  | Pass    |
|                  |         | 5230            | -2.23                 | -4.69 | <=11  | Pass    |

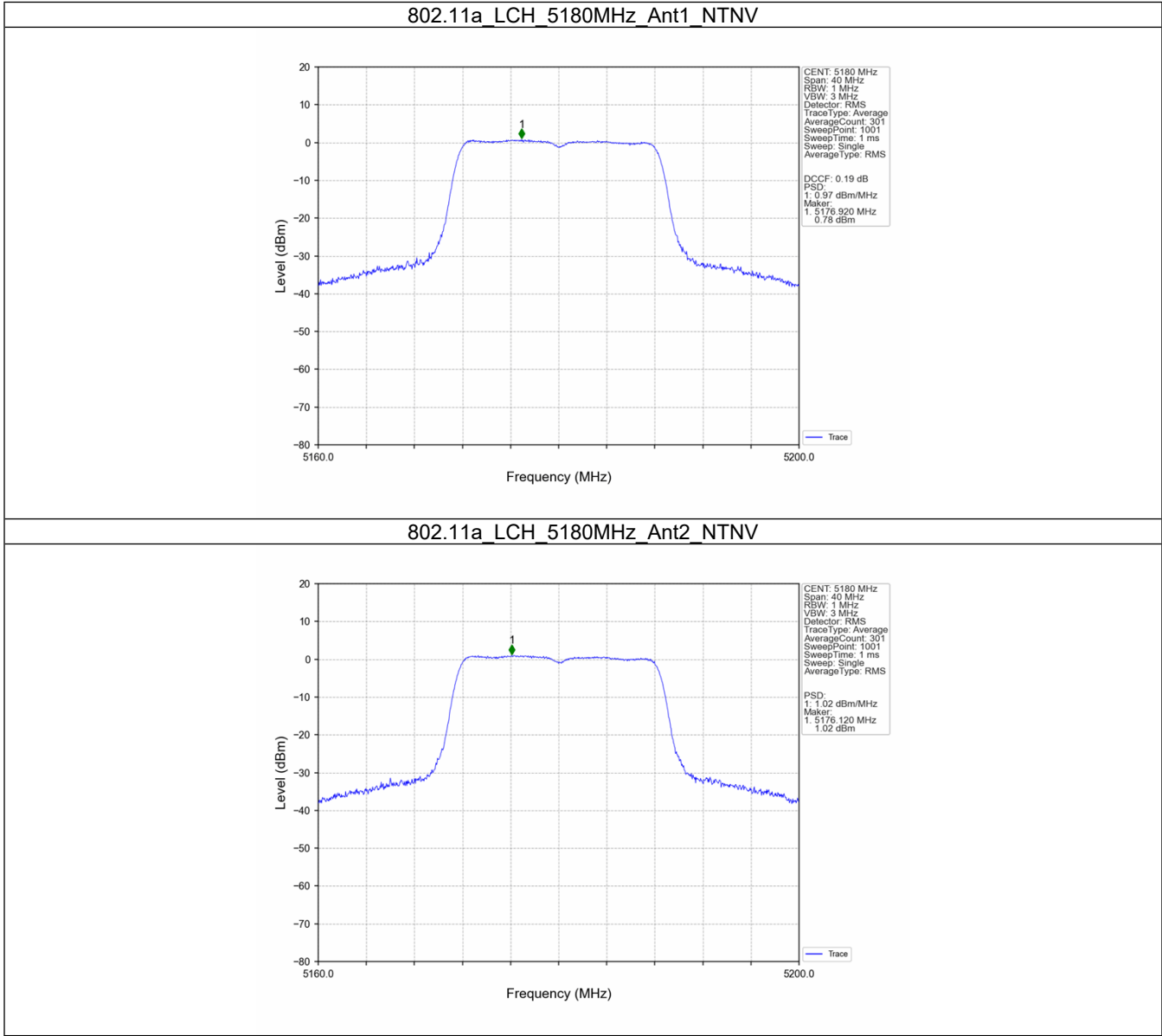
#### 4.1.2 PSD-Band3

| Mode             | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) |       |       | Verdict |
|------------------|---------|-----------------|--------------------------|-------|-------|---------|
|                  |         |                 | ANT1                     | ANT2  | Limit |         |
| 802.11a          | SISO    | 5745            | -1.69                    | -3.93 | <=30  | Pass    |
|                  |         | 5785            | -1.81                    | -3.87 | <=30  | Pass    |
|                  |         | 5825            | -1.33                    | -4.05 | <=30  | Pass    |
| 802.11n (HT20)   | SISO    | 5745            | -1.54                    | -3.96 | <=30  | Pass    |
|                  |         | 5785            | -1.85                    | -4.14 | <=30  | Pass    |
|                  |         | 5825            | -1.66                    | -3.90 | <=30  | Pass    |
| 802.11n (HT40)   | SISO    | 5755            | -3.87                    | -7.20 | <=30  | Pass    |
|                  |         | 5795            | -4.35                    | -6.61 | <=30  | Pass    |
| 802.11ac (VHT20) | SISO    | 5745            | -2.02                    | -3.76 | <=30  | Pass    |
|                  |         | 5785            | -2.10                    | -4.14 | <=30  | Pass    |
|                  |         | 5825            | -1.57                    | -4.03 | <=30  | Pass    |
| 802.11ac (VHT40) | SISO    | 5755            | -4.22                    | -7.05 | <=30  | Pass    |
|                  |         | 5795            | -3.82                    | -6.49 | <=30  | Pass    |

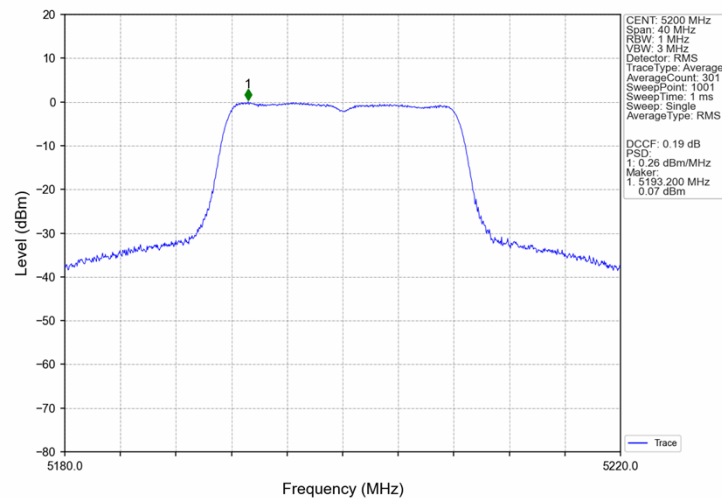
Note: dBm/500hz=dBm/300hz+Duty Cycle Correction Factor (dBm)+Factor+RBW (dBm)

## 4.2 Test Graph

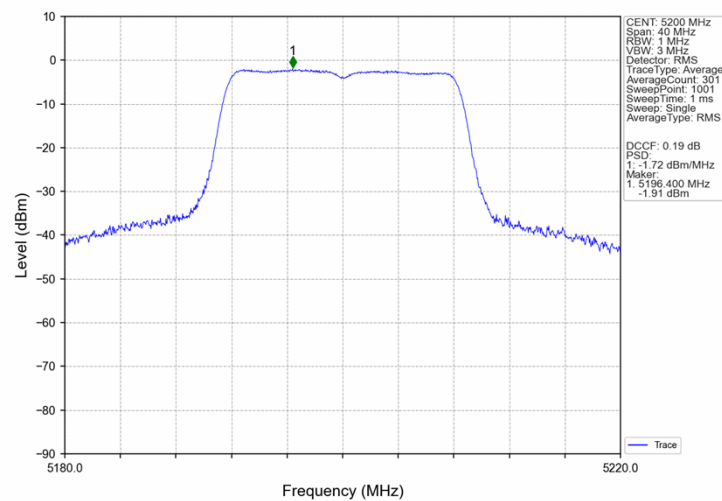
### 4.2.1 PSD



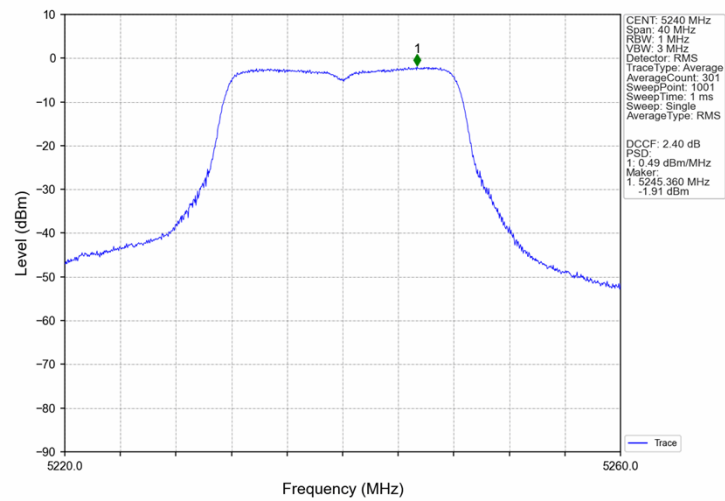
802.11a\_MCH\_5200MHz\_Ant1\_NTNV



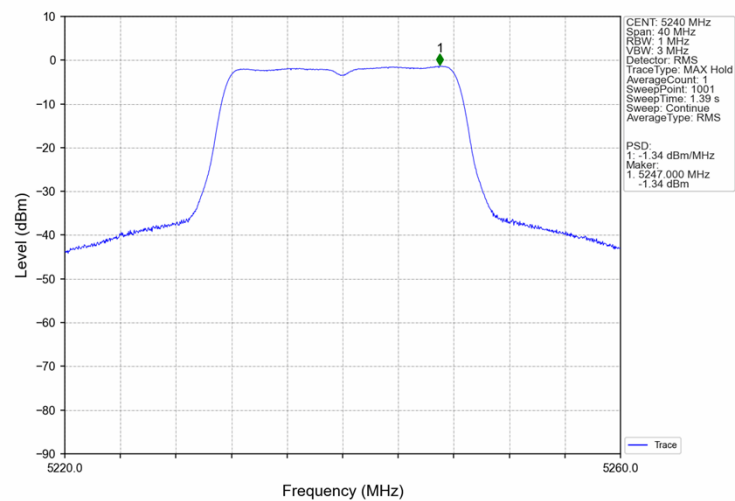
802.11a\_MCH\_5200MHz\_Ant2\_NTNV



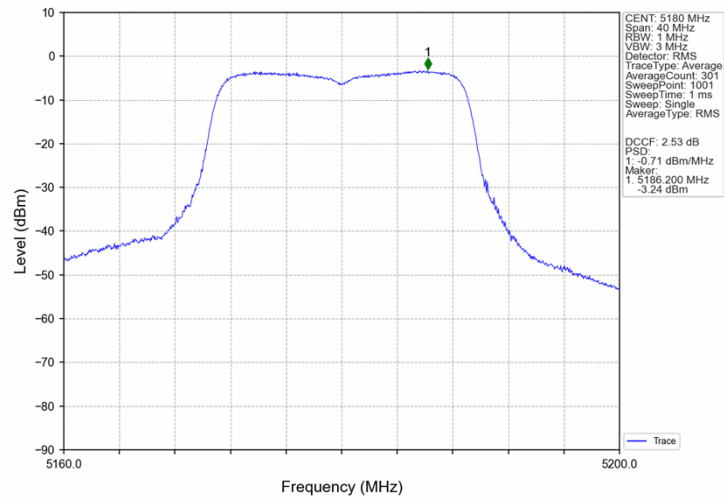
802.11a\_HCH\_5240MHz\_Ant1\_NTNV



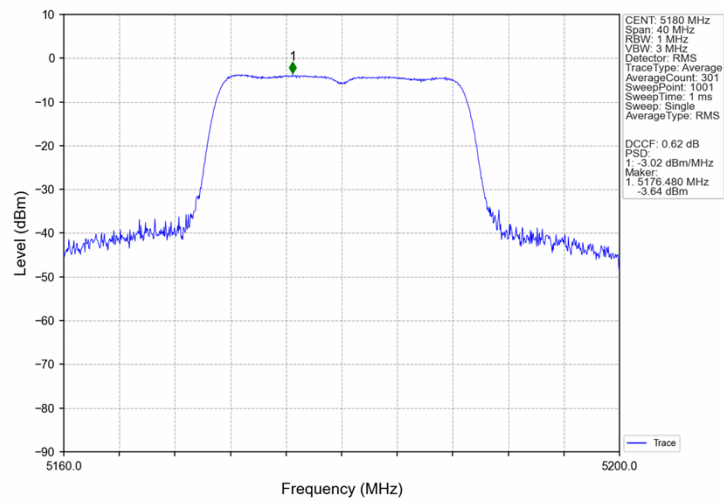
802.11a\_HCH\_5240MHz\_Ant2\_NTNV



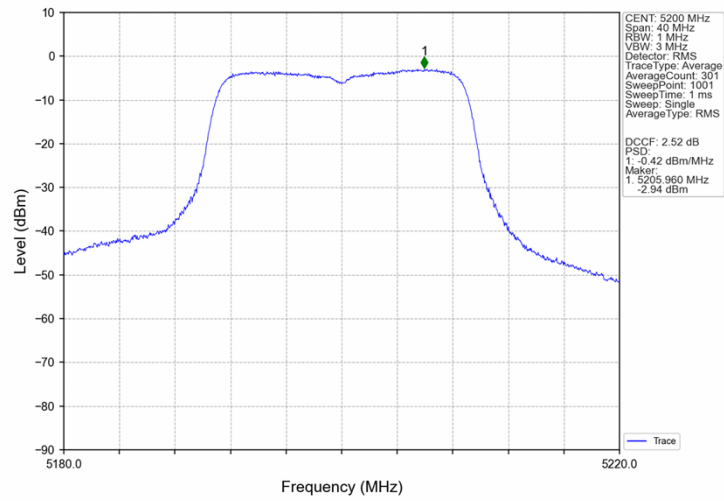
# 802.11n(HT20) LCH\_5180MHz\_Ant1\_NTNV



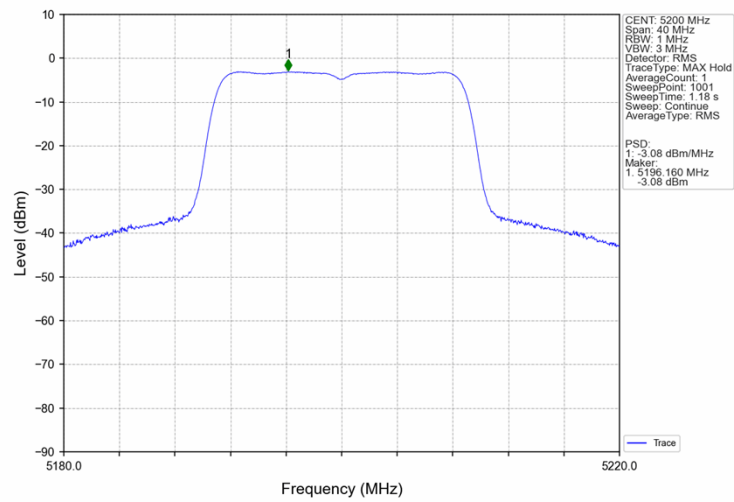
# 802.11n(HT20) LCH\_5180MHz\_Ant2\_NTNV



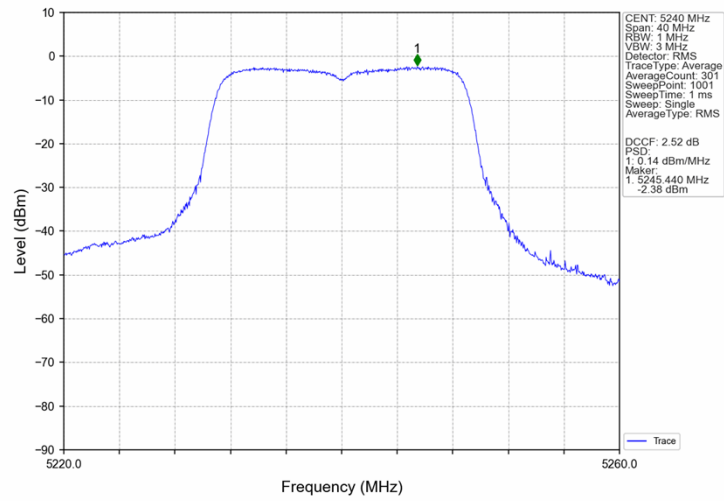
# 802.11n(HT20)\_MCH\_5200MHz\_Ant1\_NTNV



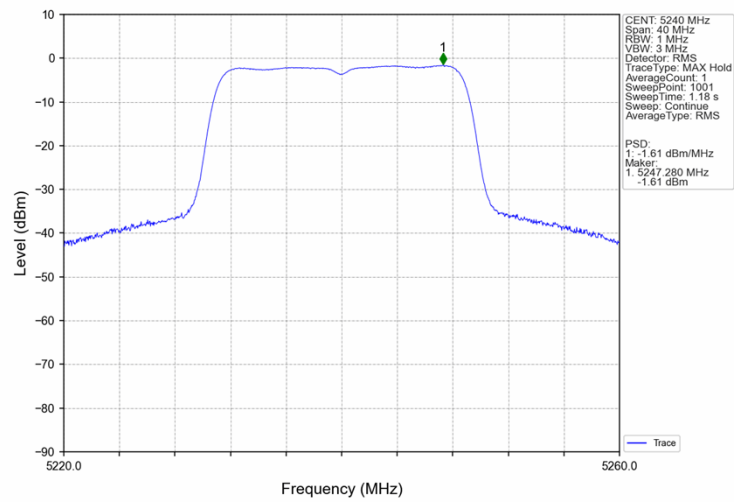
# 802.11n(HT20)\_MCH\_5200MHz\_Ant2\_NTNV



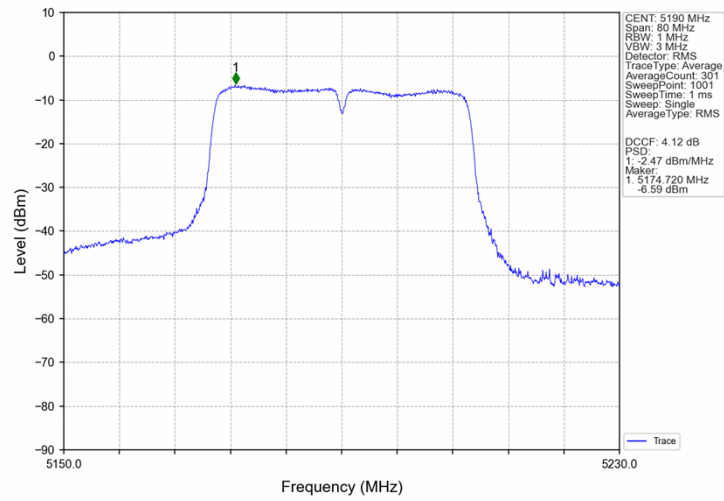
# 802.11n(HT20) HCH 5240MHz Ant1 NTV



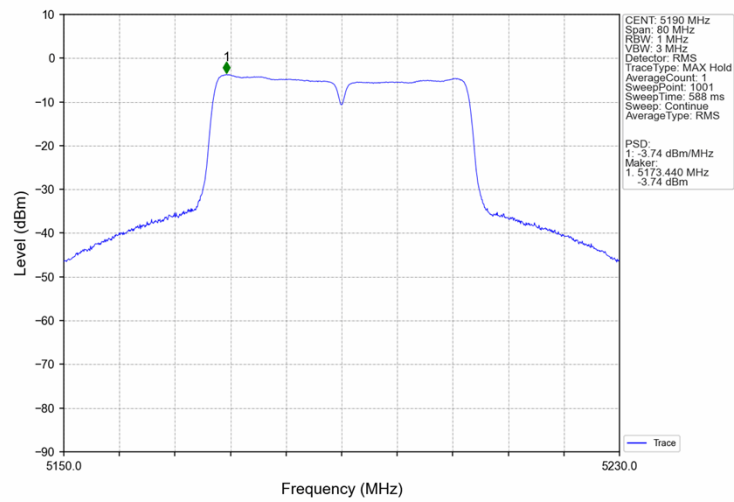
# 802.11n(HT20) HCH 5240MHz Ant2 NTV



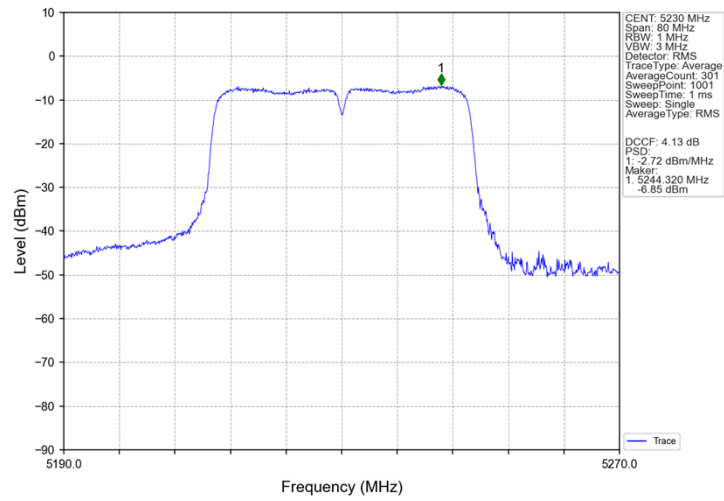
# 802.11n(HT40) LCH\_5190MHz\_Ant1\_NTNV



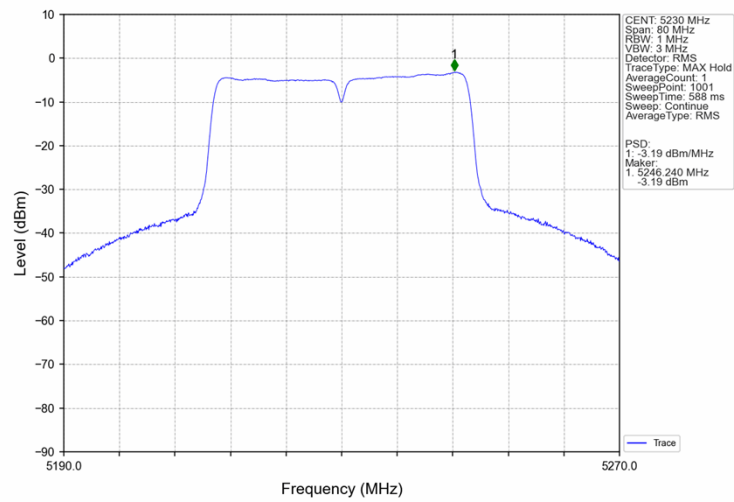
# 802.11n(HT40) LCH\_5190MHz\_Ant2\_NTNV



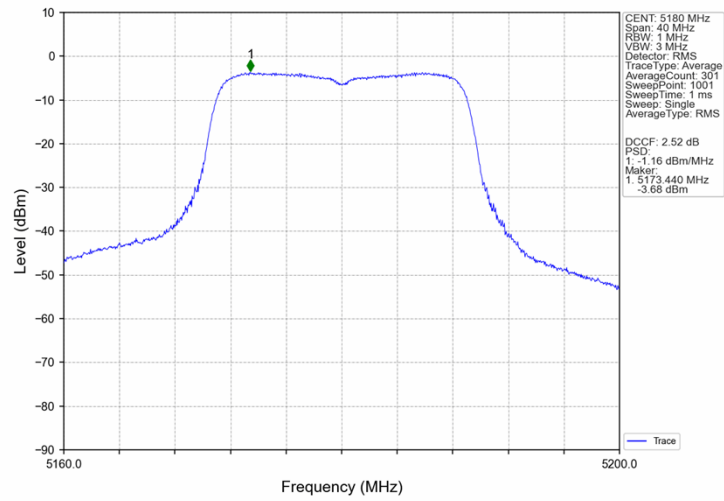
# 802.11n(HT40) HCH 5230MHz Ant1 NTVN



# 802.11n(HT40) HCH 5230MHz Ant2 NTVN



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



# 802.11ac(VHT20)\_LCH\_5180MHz\_Ant2\_NTNV

