

1. Bandwidth

1.1 Test Result

1.1.1 OBW

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | | Verdict |
|------------------|---------|-----------------|-----|------------------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11a | SISO | 5180 | 1 | 17.054 | / | Pass |
| | | 5200 | 1 | 16.958 | / | Pass |
| | | 5240 | 1 | 16.998 | / | Pass |
| | | 5745 | 1 | 17.110 | / | Pass |
| | | 5785 | 1 | 17.065 | / | Pass |
| | | 5825 | 1 | 17.116 | / | Pass |
| 802.11n (HT20) | SISO | 5180 | 1 | 17.120 | / | Pass |
| | | 5200 | 1 | 17.077 | / | Pass |
| | | 5240 | 1 | 16.996 | / | Pass |
| | | 5745 | 1 | 17.973 | / | Pass |
| | | 5785 | 1 | 17.884 | / | Pass |
| | | 5825 | 1 | 17.907 | / | Pass |
| 802.11n (HT40) | SISO | 5190 | 1 | 36.218 | / | Pass |
| | | 5230 | 1 | 36.139 | / | Pass |
| | | 5755 | 1 | 36.022 | / | Pass |
| | | 5795 | 1 | 36.074 | / | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 1 | 17.990 | / | Pass |
| | | 5200 | 1 | 17.989 | / | Pass |
| | | 5240 | 1 | 17.915 | / | Pass |
| | | 5745 | 1 | 18.013 | / | Pass |
| | | 5785 | 1 | 17.912 | / | Pass |
| | | 5825 | 1 | 17.877 | / | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 1 | 36.312 | / | Pass |
| | | 5230 | 1 | 36.275 | / | Pass |
| | | 5755 | 1 | 36.052 | / | Pass |
| | | 5795 | 1 | 36.121 | / | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 1 | 76.222 | / | Pass |
| | | 5775 | 1 | 76.023 | / | Pass |

1.1.2 6dB BW

| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|------------------|---------|-----------------|-----|---------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11a | SISO | 5745 | 1 | 15.112 | >=0.5 | Pass |
| | | 5785 | 1 | 12.976 | >=0.5 | Pass |
| | | 5825 | 1 | 13.887 | >=0.5 | Pass |
| 802.11n (HT20) | SISO | 5745 | 1 | 13.891 | >=0.5 | Pass |
| | | 5785 | 1 | 15.112 | >=0.5 | Pass |
| | | 5825 | 1 | 16.516 | >=0.5 | Pass |
| 802.11n (HT40) | SISO | 5755 | 1 | 35.067 | >=0.5 | Pass |
| | | 5795 | 1 | 35.335 | >=0.5 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 1 | 17.274 | >=0.5 | Pass |
| | | 5785 | 1 | 16.132 | >=0.5 | Pass |
| | | 5825 | 1 | 17.149 | >=0.5 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 1 | 34.665 | >=0.5 | Pass |
| | | 5795 | 1 | 34.785 | >=0.5 | Pass |
| 802.11ac | SISO | 5775 | 1 | 76.454 | >=0.5 | Pass |



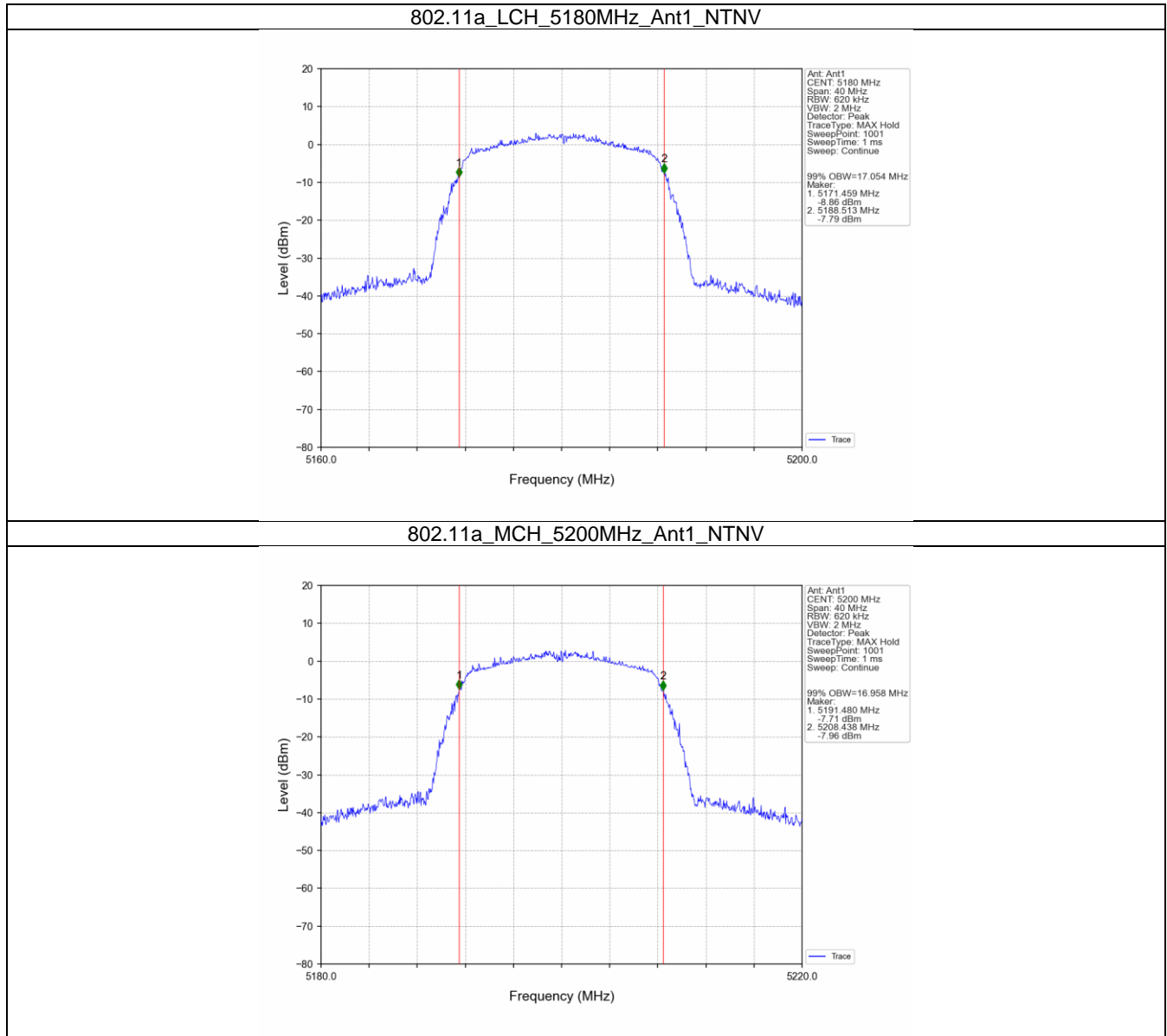
| | | | | | | |
|---------|--|--|--|--|--|--|
| (VHT80) | | | | | | |
|---------|--|--|--|--|--|--|

1.1.3 26dB BW

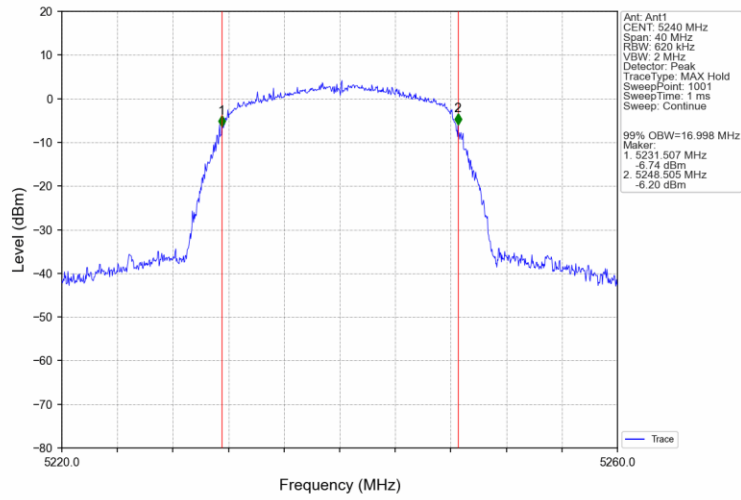
| Mode | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) | | Verdict |
|------------------|---------|-----------------|-----|----------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11a | SISO | 5180 | 1 | 19.636 | / | Pass |
| | | 5200 | 1 | 19.461 | / | Pass |
| | | 5240 | 1 | 19.576 | / | Pass |
| 802.11n (HT20) | SISO | 5180 | 1 | 19.556 | / | Pass |
| | | 5200 | 1 | 19.796 | / | Pass |
| | | 5240 | 1 | 19.704 | / | Pass |
| 802.11n (HT40) | SISO | 5190 | 1 | 40.294 | / | Pass |
| | | 5230 | 1 | 40.031 | / | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 1 | 20.000 | / | Pass |
| | | 5200 | 1 | 20.144 | / | Pass |
| | | 5240 | 1 | 20.089 | / | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 1 | 40.235 | / | Pass |
| | | 5230 | 1 | 40.158 | / | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 1 | 80.358 | / | Pass |

1.2 Test Graph

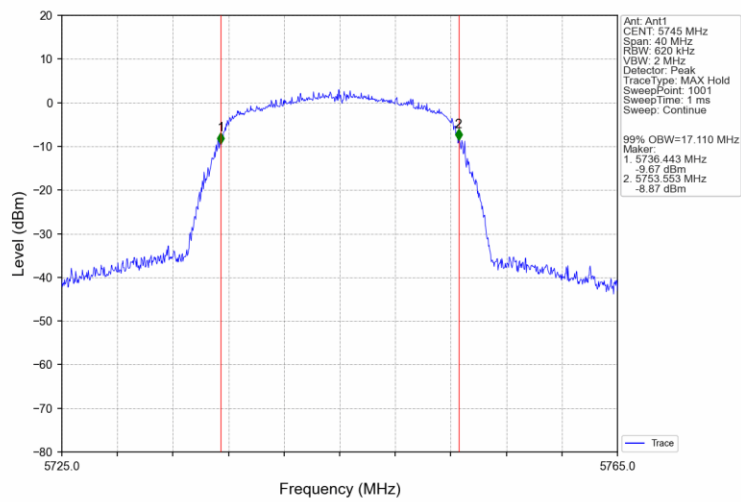
1.2.1 OBW



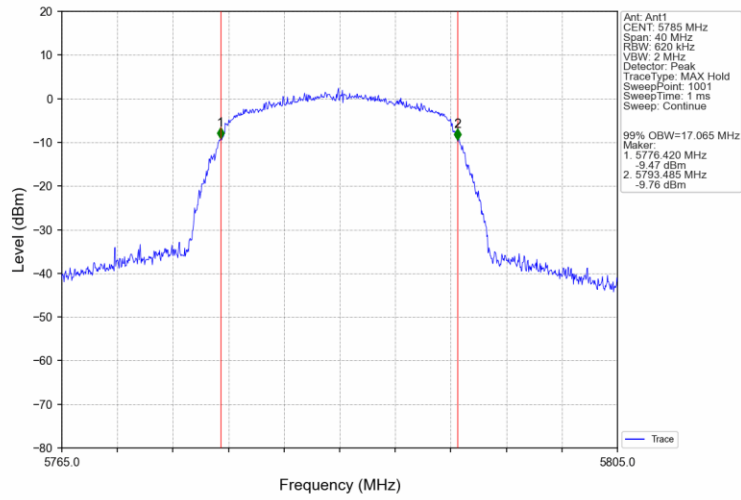
802.11a_HCH_5240MHz_Ant1_NTNV



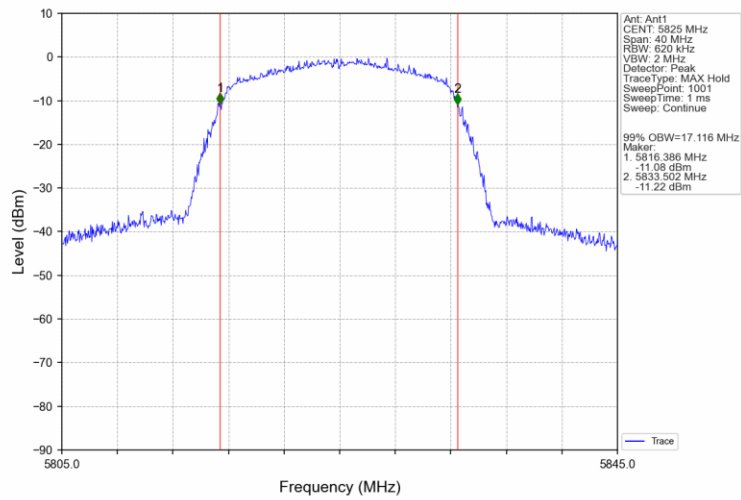
802.11a_LCH_5745MHz_Ant1_NTNV



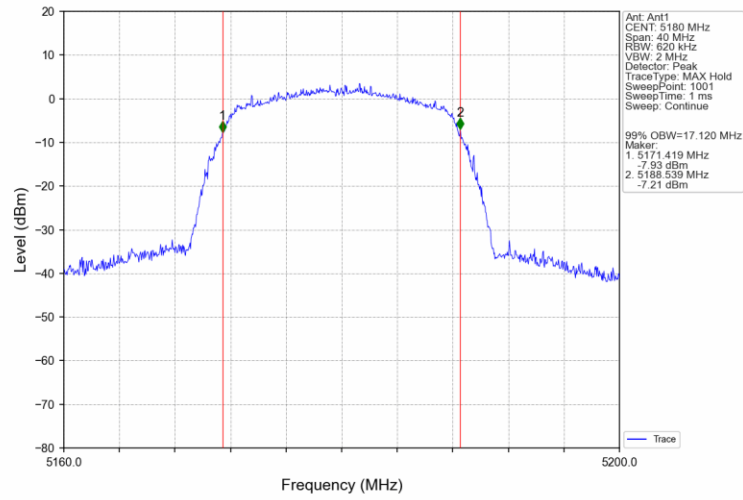
802.11a_MCH_5785MHz_Ant1_NTNV



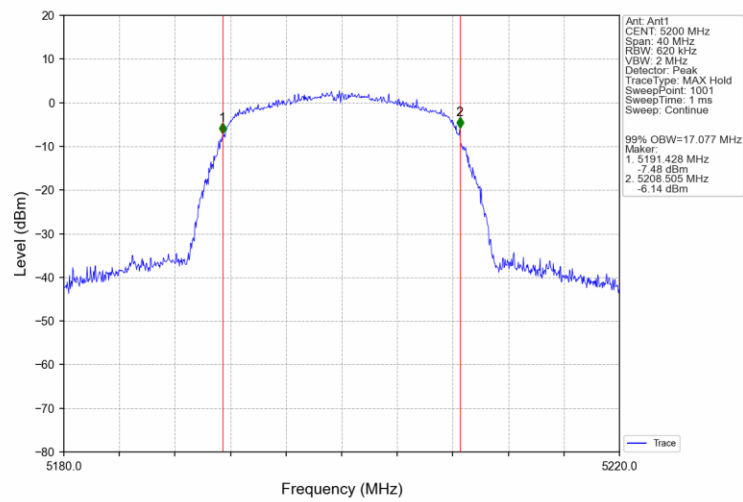
802.11a_HCH_5825MHz_Ant1_NTNV



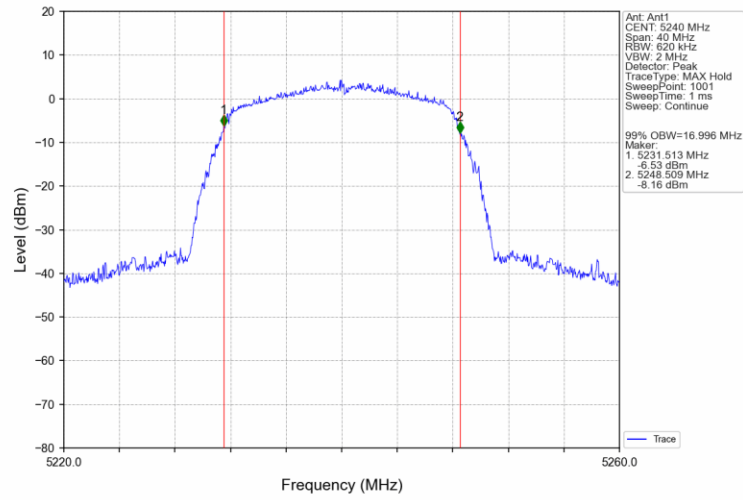
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



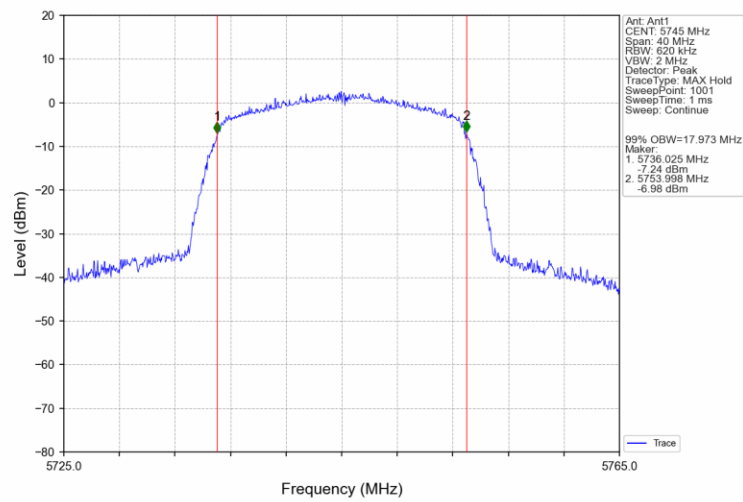
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



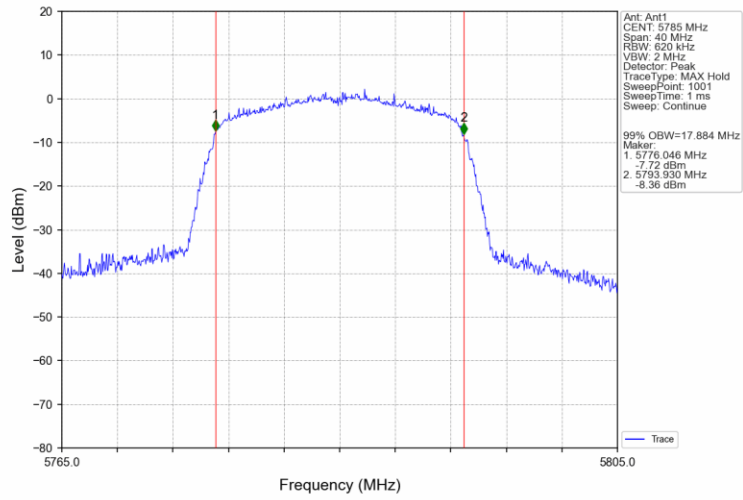
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



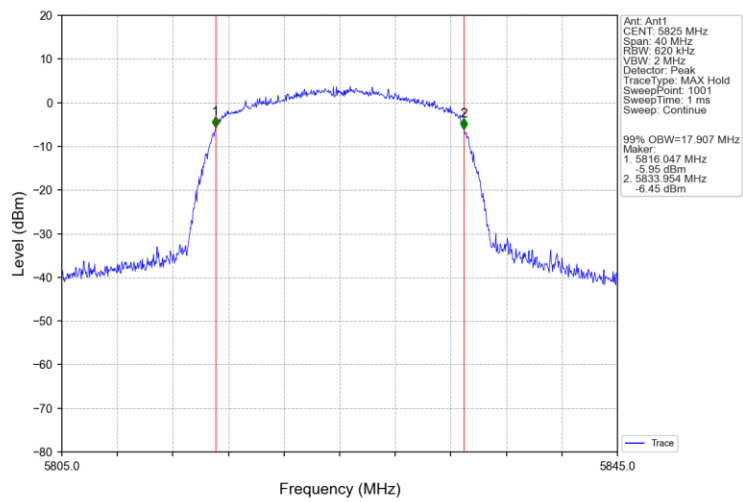
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



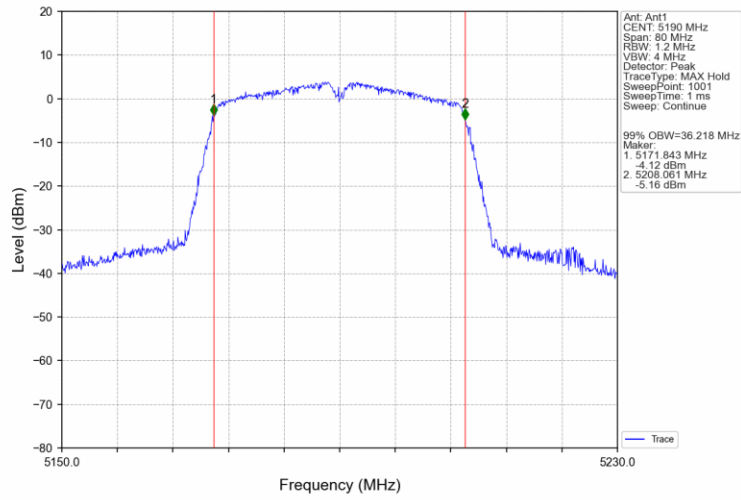
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



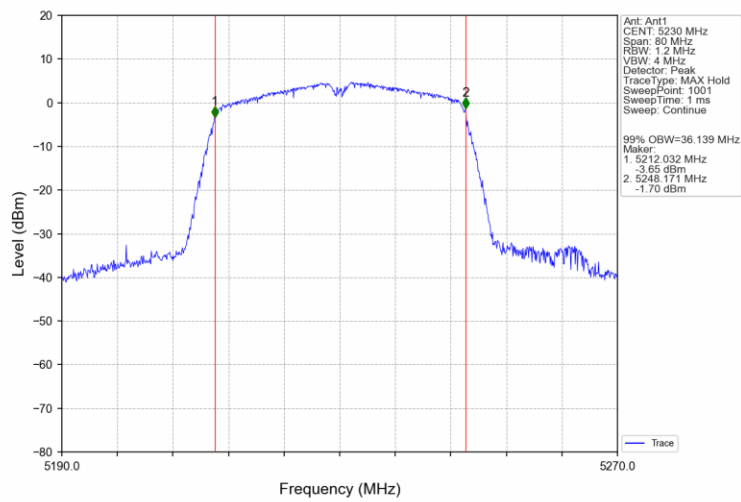
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



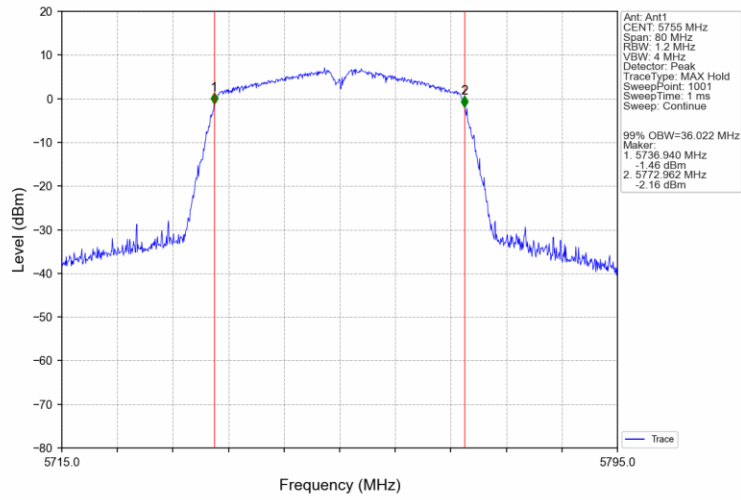
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



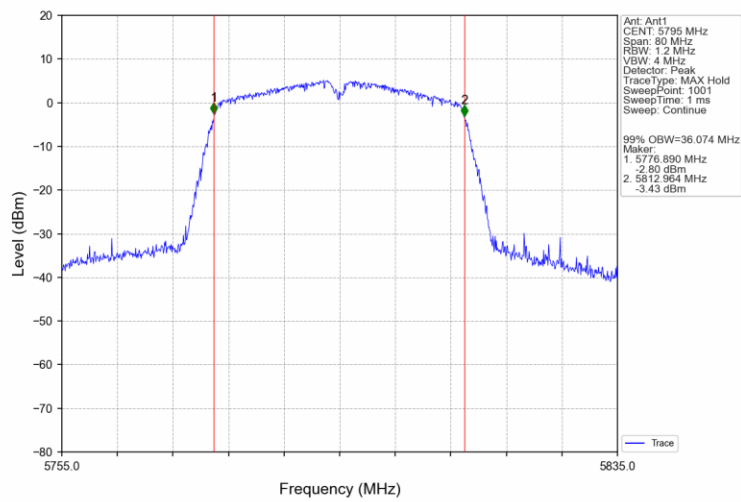
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



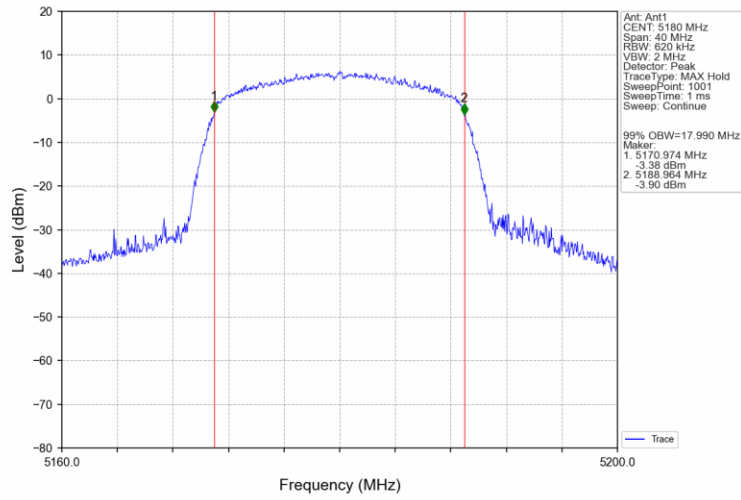
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



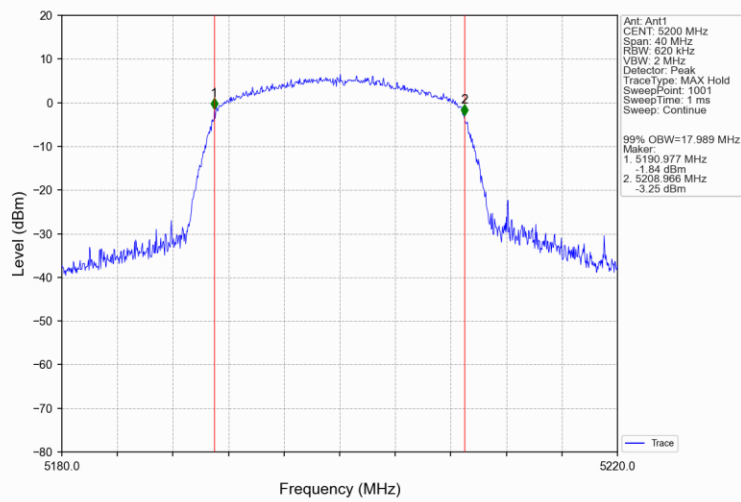
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



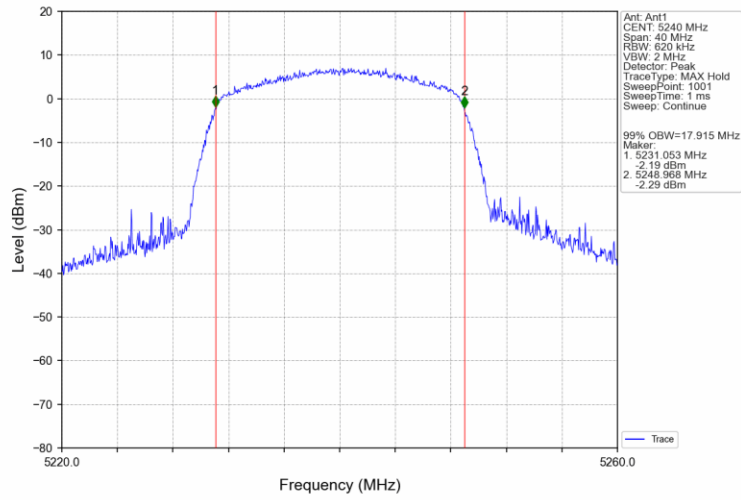
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



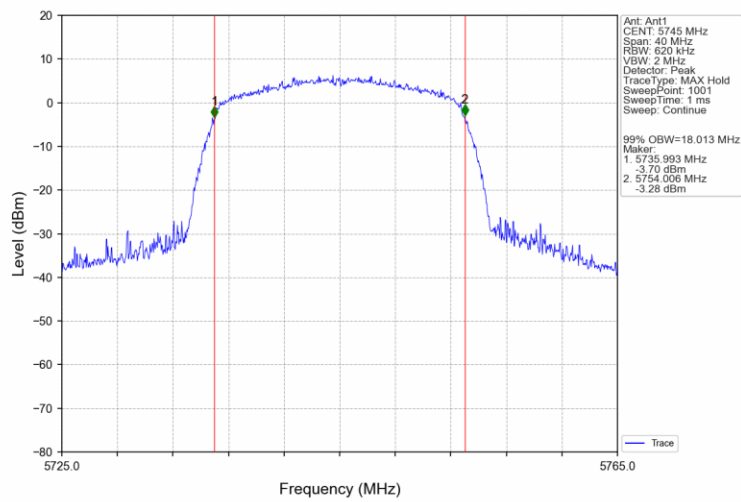
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



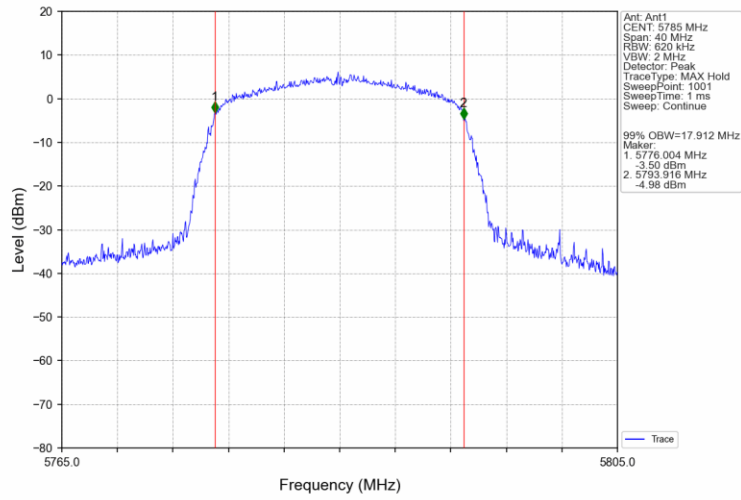
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



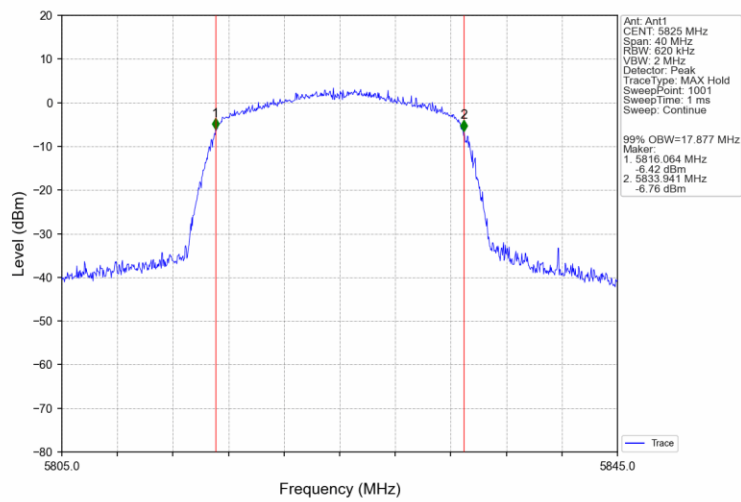
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



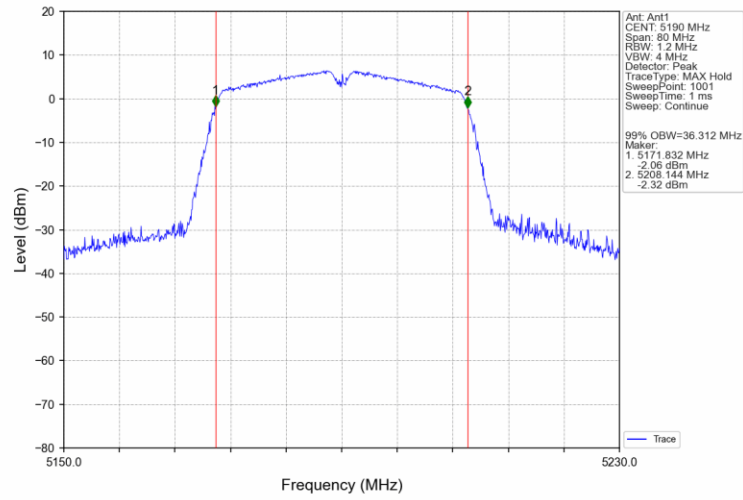
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



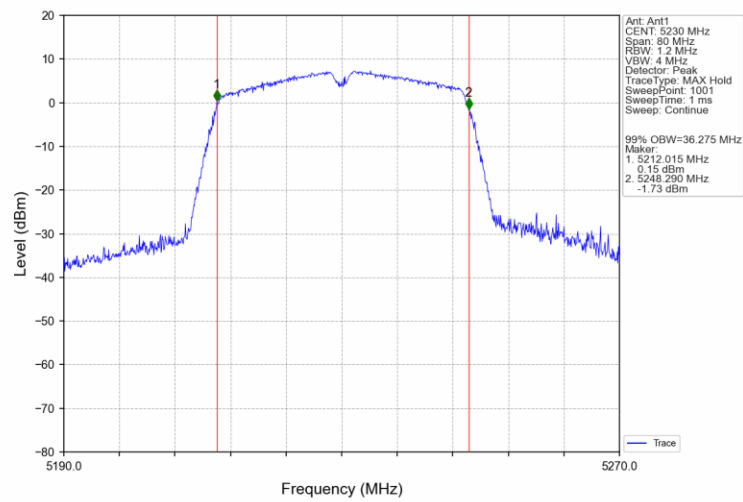
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



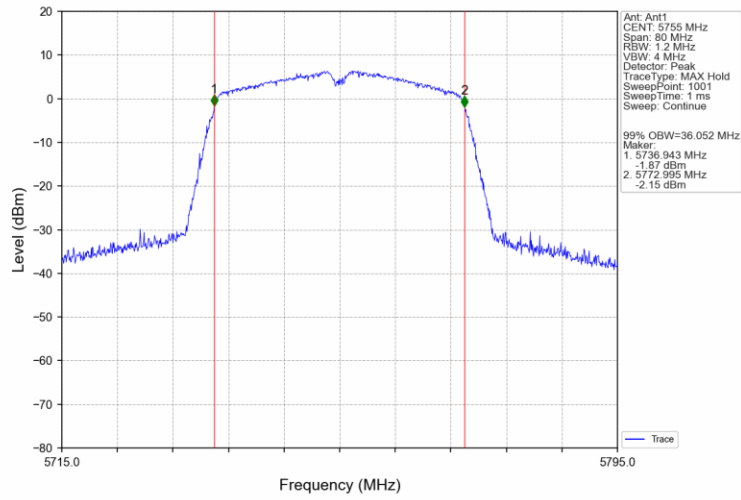
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



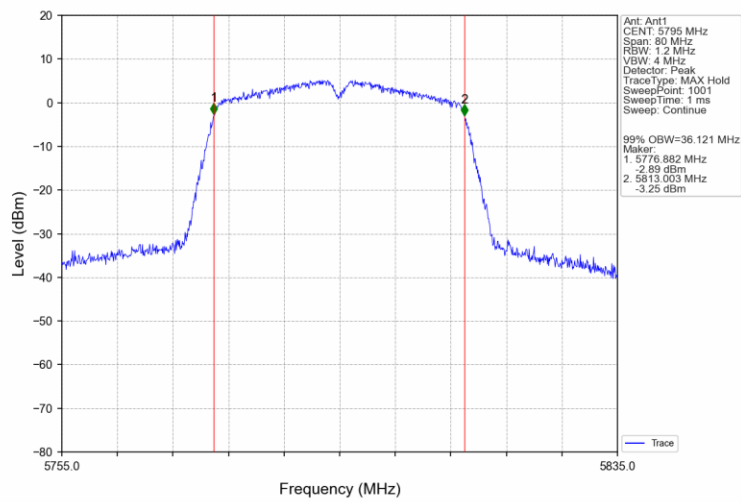
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



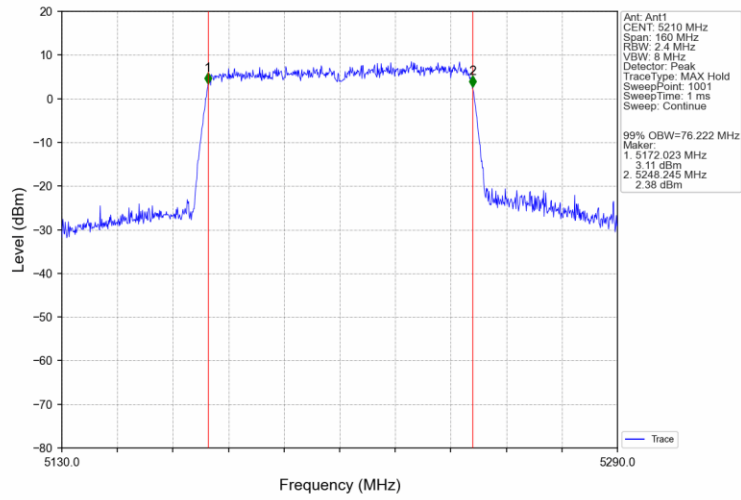
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



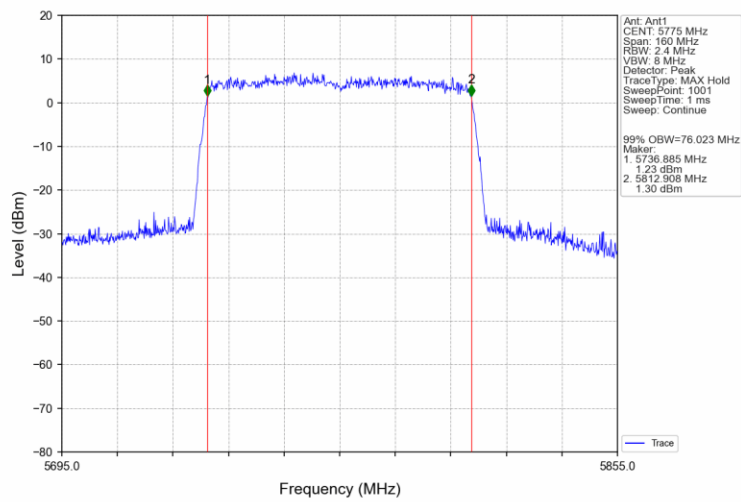
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

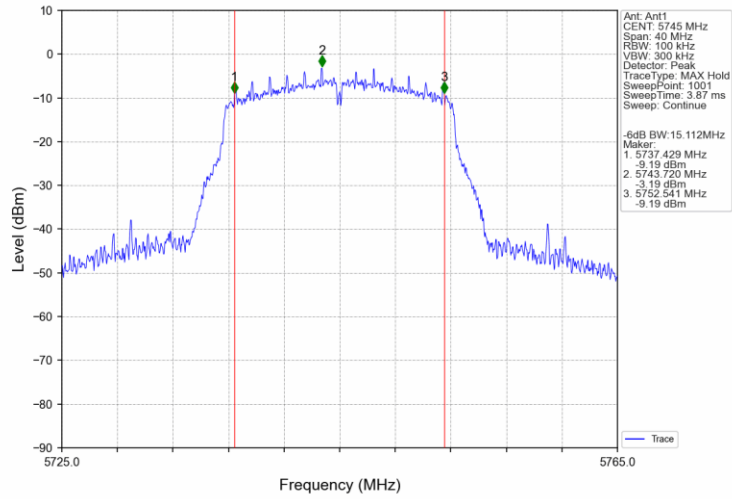


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

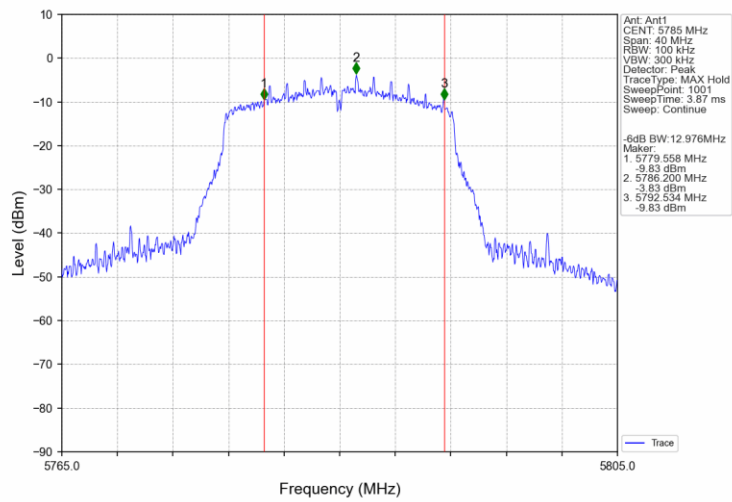


1.2.2 6dB BW

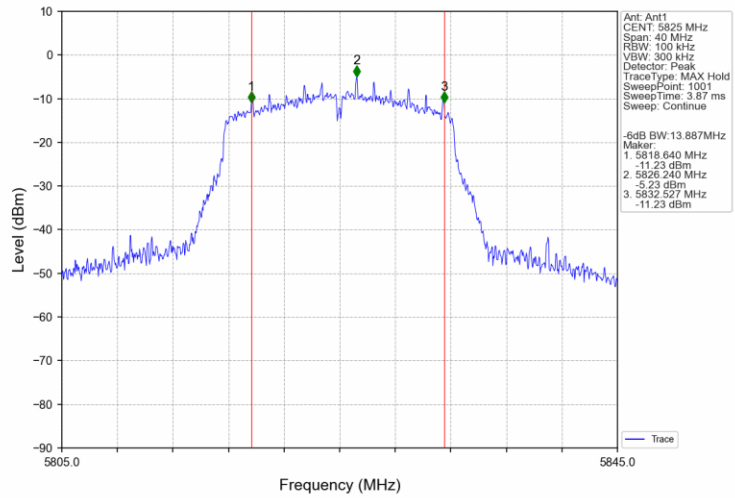
802.11a_LCH_5745MHz_Ant1_NTNV



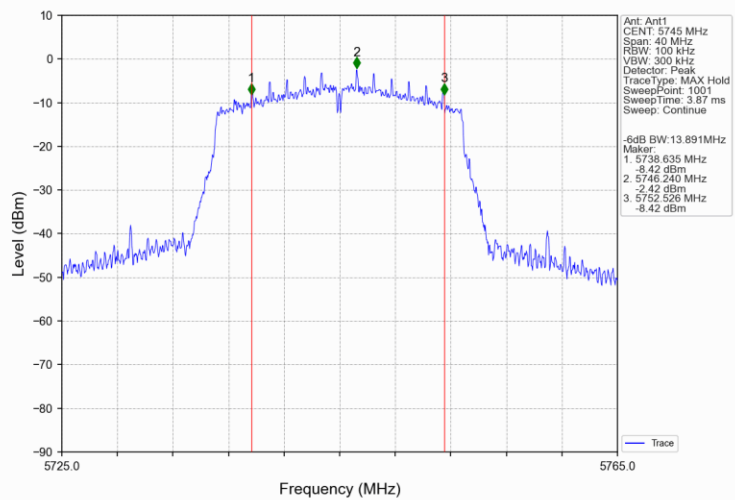
802.11a_MCH_5785MHz_Ant1_NTNV



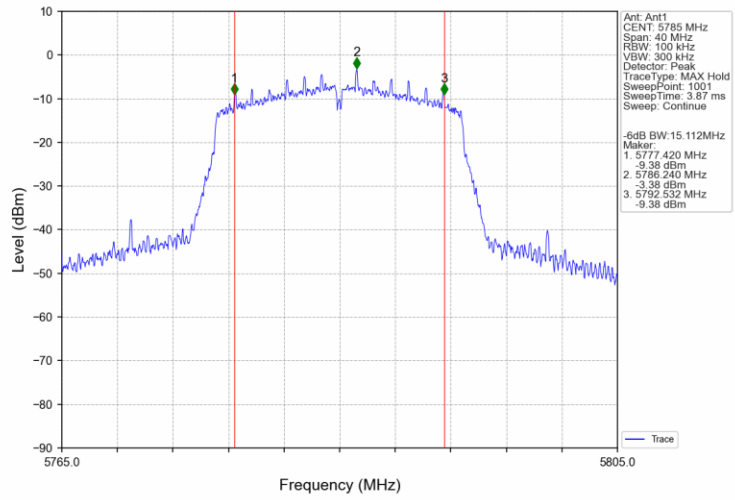
802.11a_HCH_5825MHz_Ant1_NTNV



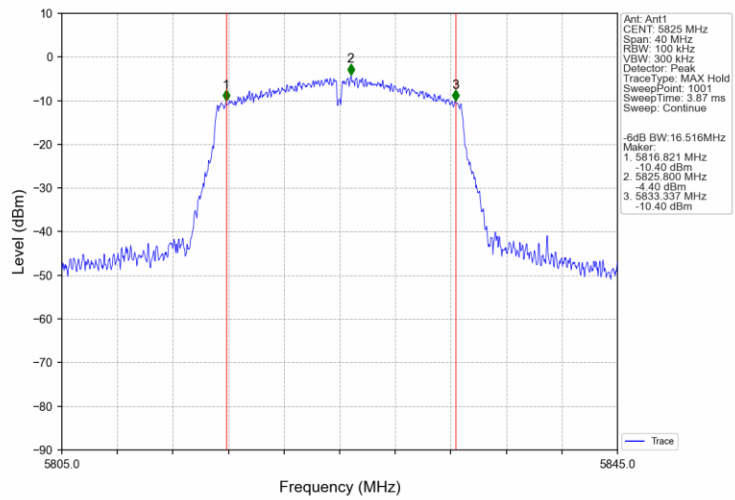
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



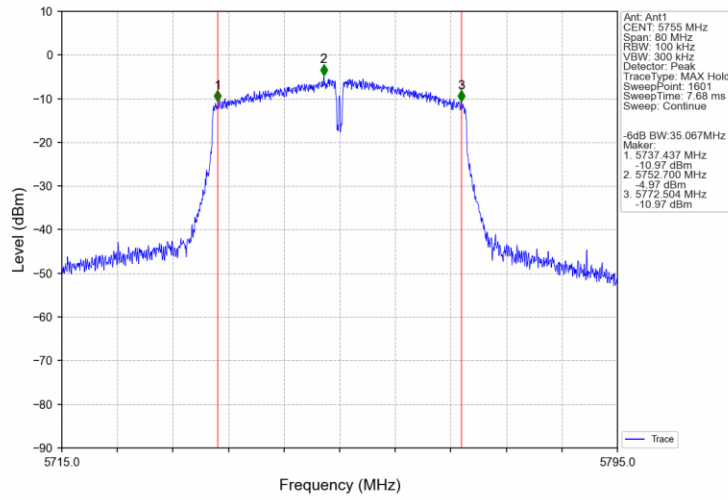
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



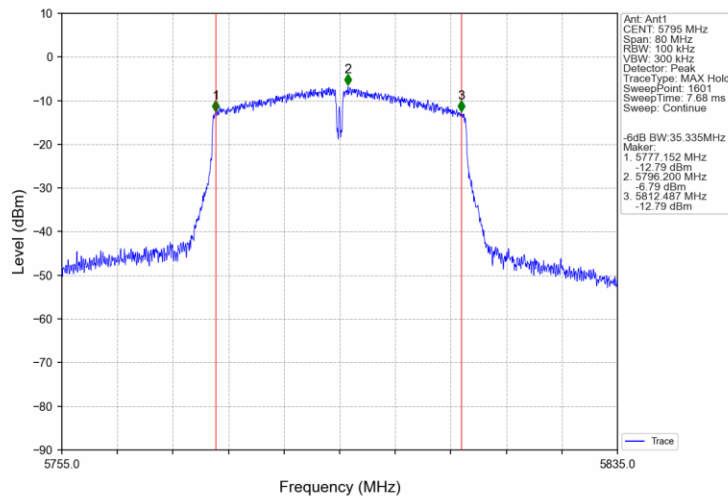
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



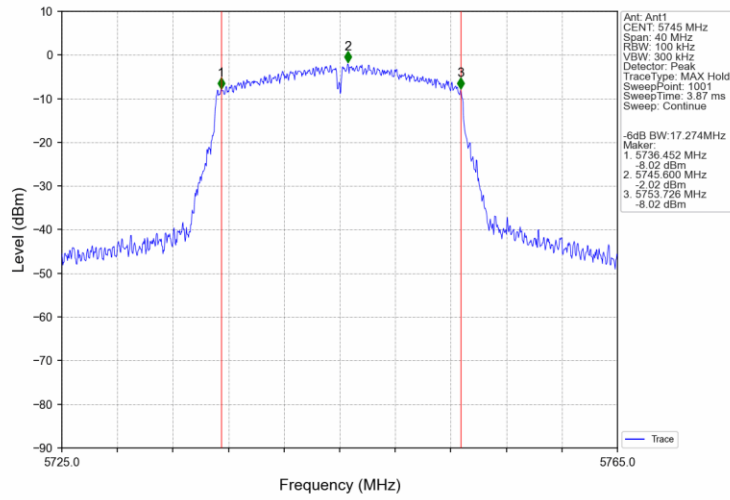
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



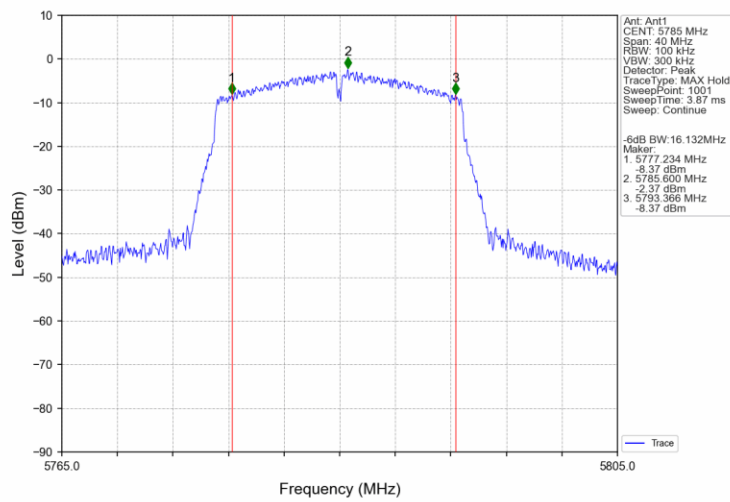
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



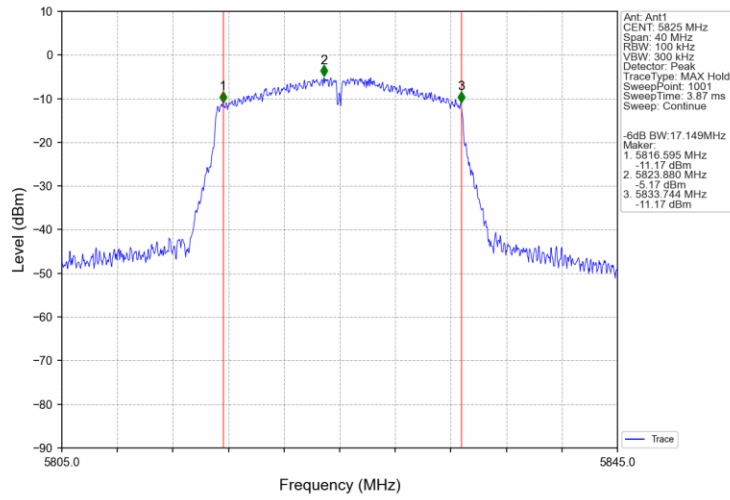
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



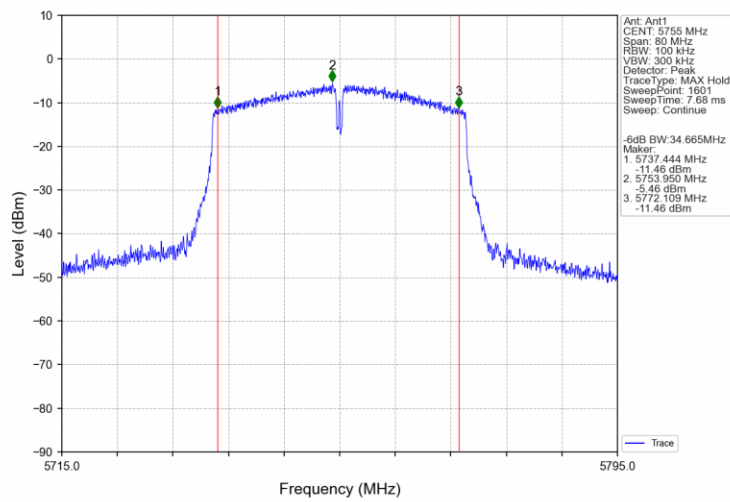
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



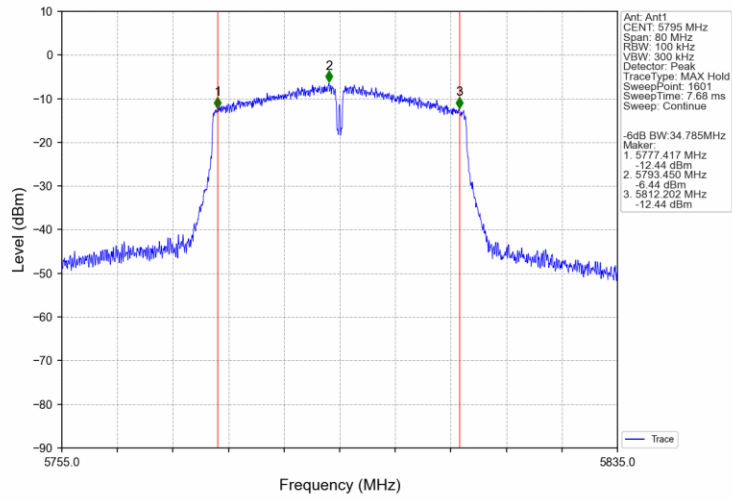
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



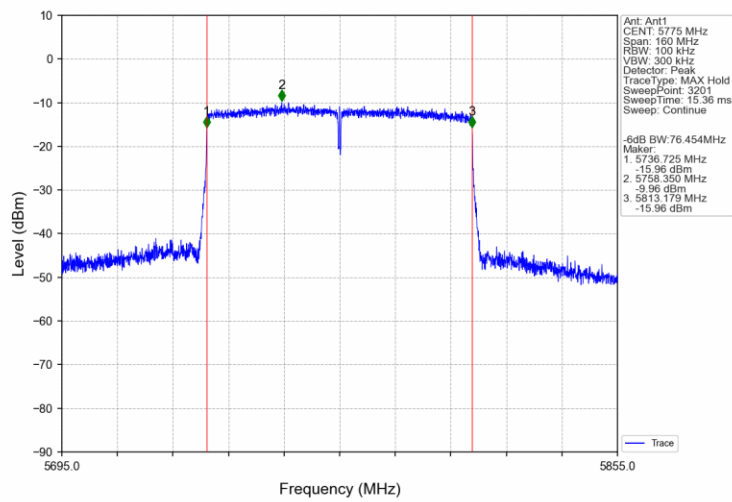
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

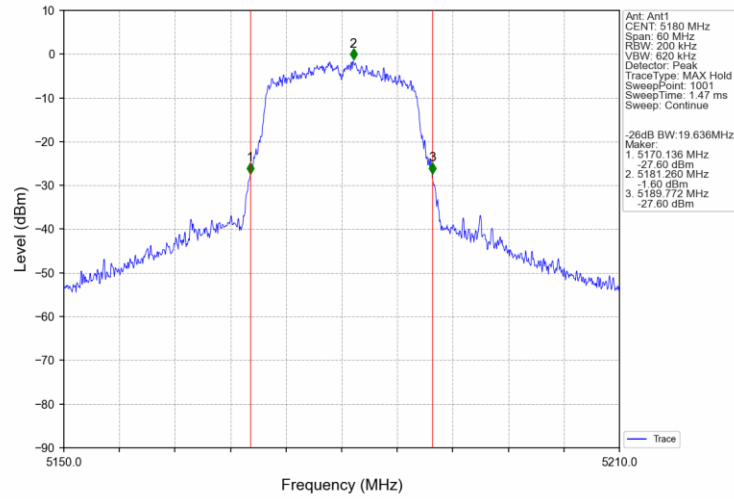


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

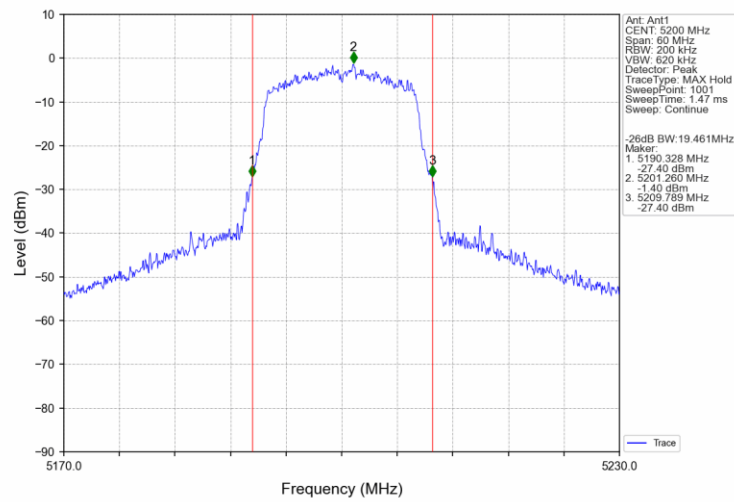


1.2.3 26dB BW

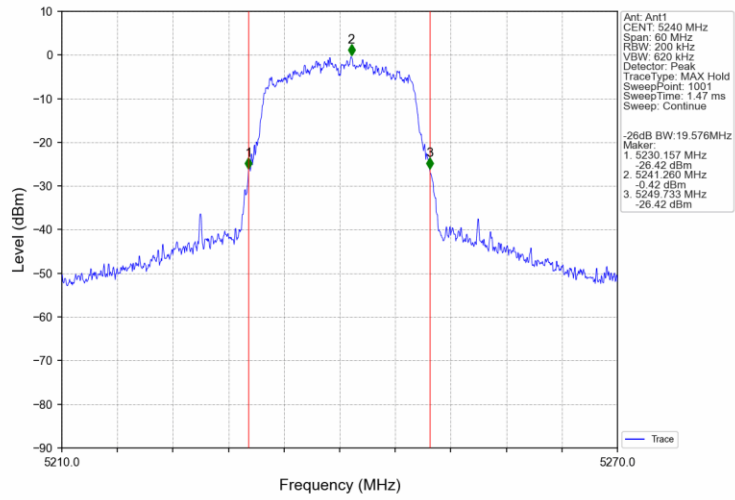
802.11a_LCH_5180MHz_Ant1_NTNV



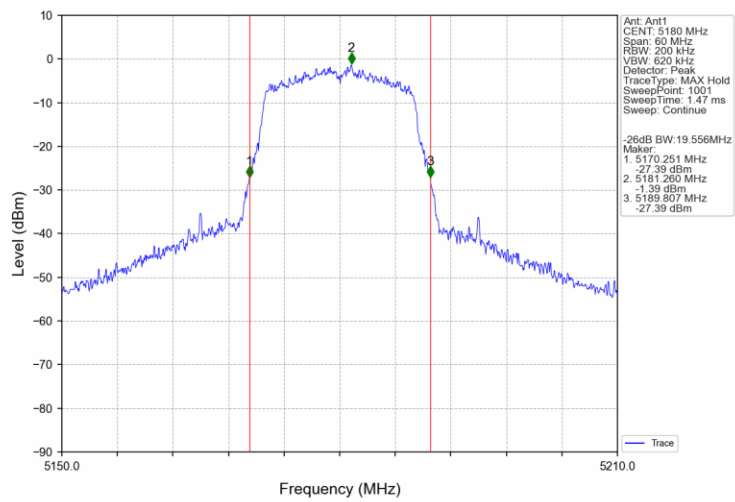
802.11a_MCH_5200MHz_Ant1_NTNV



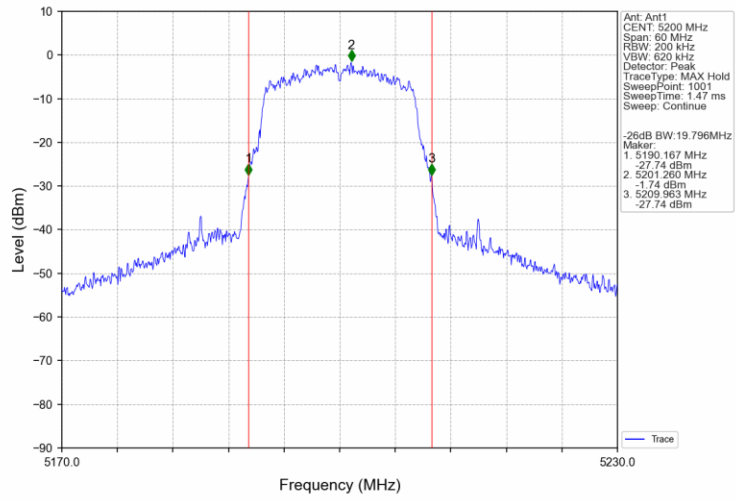
802.11a_HCH_5240MHz_Ant1_NTNV



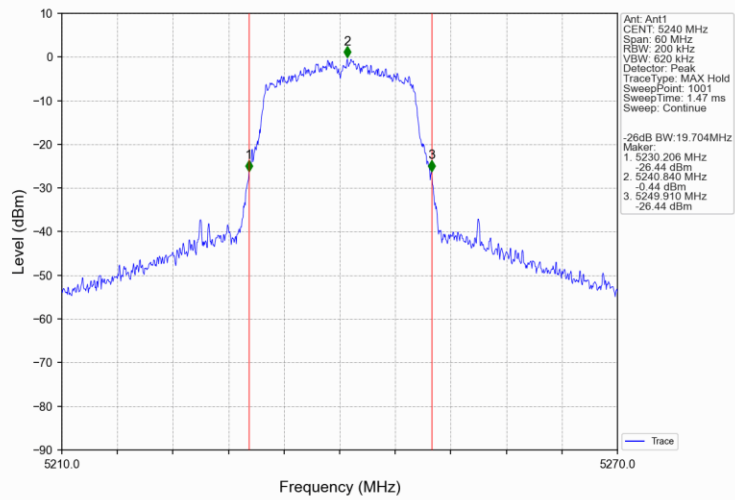
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



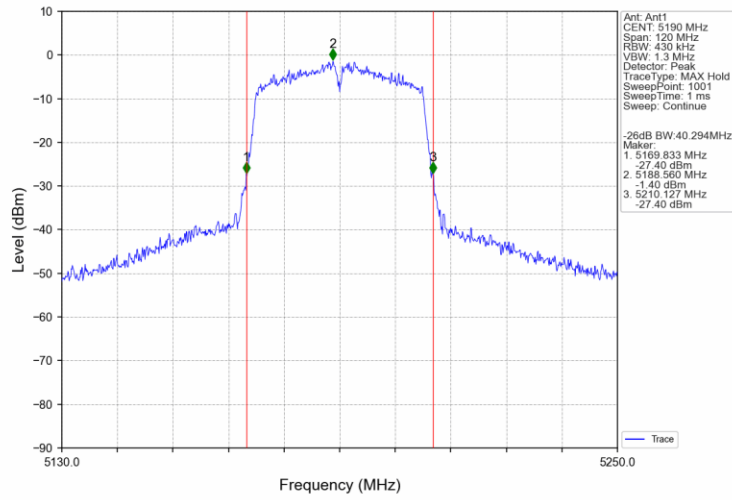
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



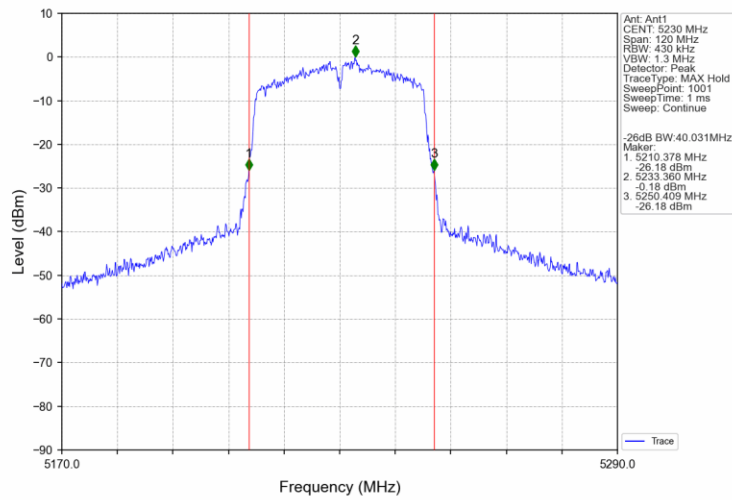
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



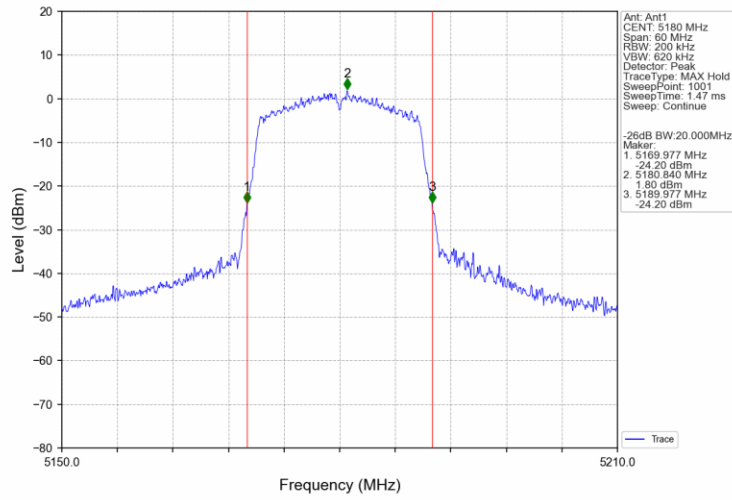
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



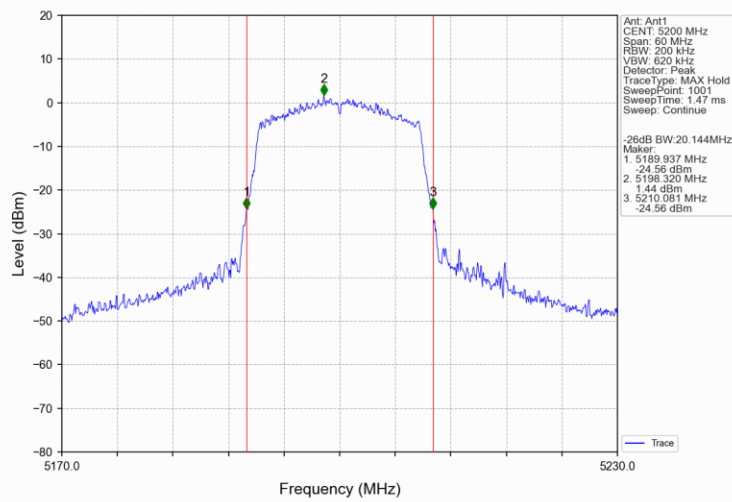
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



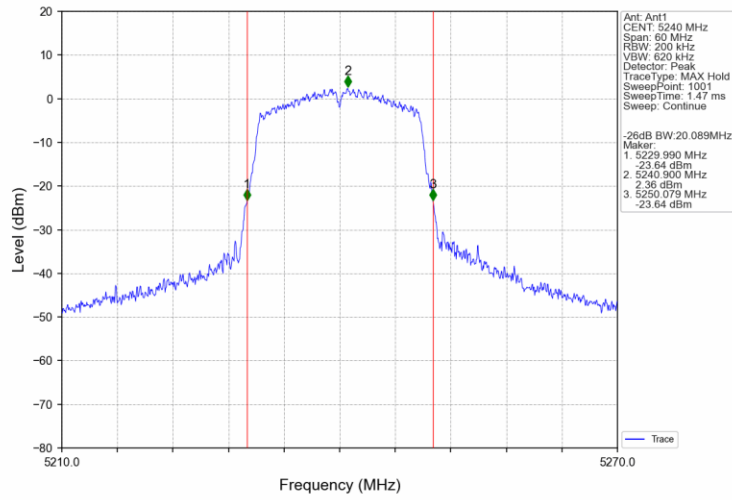
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



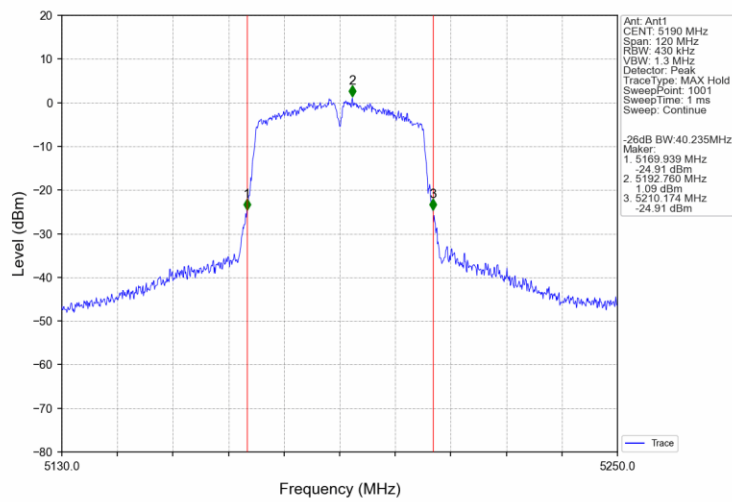
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



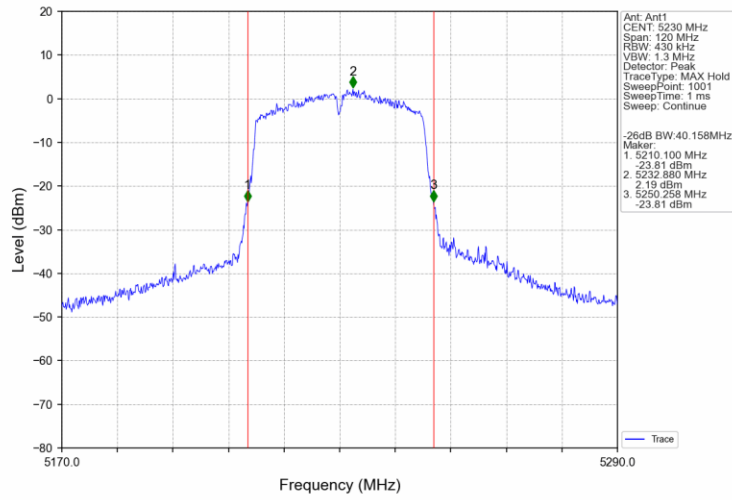
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



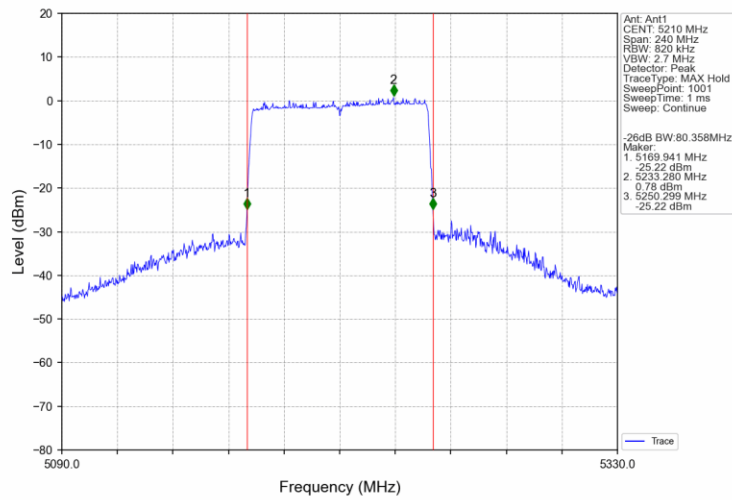
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



2. Maximum Conducted Output Power

2.1 Test Result

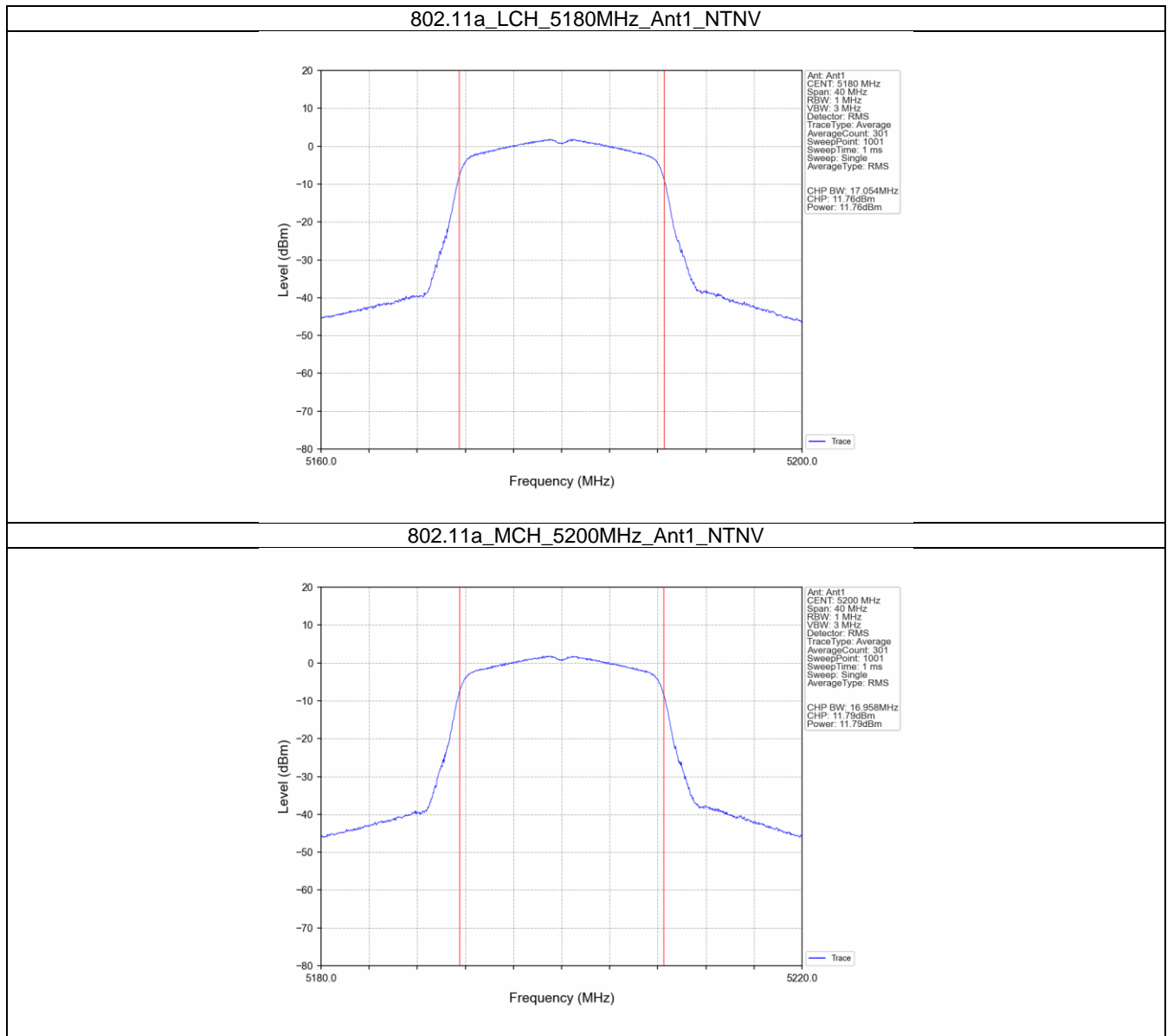
2.1.1 Power

| Mode | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) | | Verdict |
|------------------|---------|-----------------|--|---------|---------|
| | | | ANT1 | Limit | |
| 802.11a | SISO | 5180 | 11.76 | <=23.98 | Pass |
| | | 5200 | 11.79 | <=23.98 | Pass |
| | | 5240 | 12.91 | <=23.98 | Pass |
| | | 5745 | 11.85 | <=30 | Pass |
| | | 5785 | 10.92 | <=30 | Pass |
| | | 5825 | 8.85 | <=30 | Pass |
| 802.11n (HT20) | SISO | 5180 | 10.78 | <=23.98 | Pass |
| | | 5200 | 10.77 | <=23.98 | Pass |
| | | 5240 | 11.91 | <=23.98 | Pass |
| | | 5745 | 11.02 | <=30 | Pass |
| | | 5785 | 10.03 | <=30 | Pass |
| | | 5825 | 7.94 | <=30 | Pass |
| 802.11n (HT40) | SISO | 5190 | 10.22 | <=23.98 | Pass |
| | | 5230 | 11.08 | <=23.98 | Pass |
| | | 5755 | 10.22 | <=30 | Pass |
| | | 5795 | 8.94 | <=30 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 10.78 | <=23.98 | Pass |
| | | 5200 | 10.71 | <=23.98 | Pass |
| | | 5240 | 11.79 | <=23.98 | Pass |
| | | 5745 | 10.76 | <=30 | Pass |
| | | 5785 | 9.85 | <=30 | Pass |
| | | 5825 | 7.69 | <=30 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 10.08 | <=23.98 | Pass |
| | | 5230 | 10.96 | <=23.98 | Pass |
| | | 5755 | 9.93 | <=30 | Pass |
| | | 5795 | 8.79 | <=30 | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 10.78 | <=23.98 | Pass |
| | | 5775 | 9.47 | <=30 | Pass |

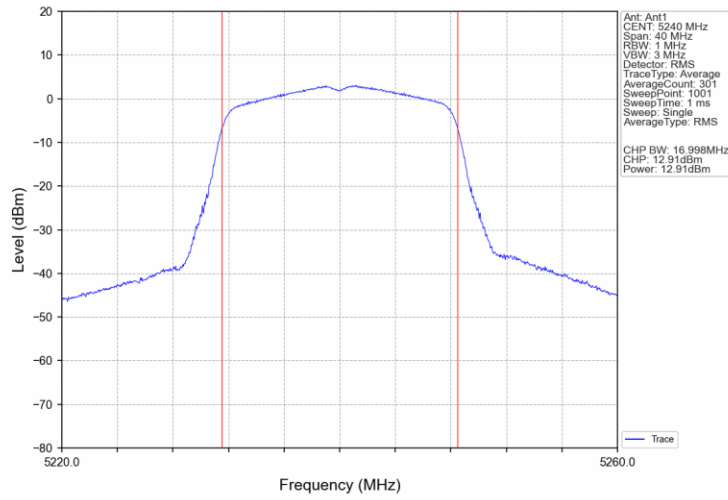
Note1: Antenna Gain: Ant1: 2.00dBi;

2.2 Test Graph

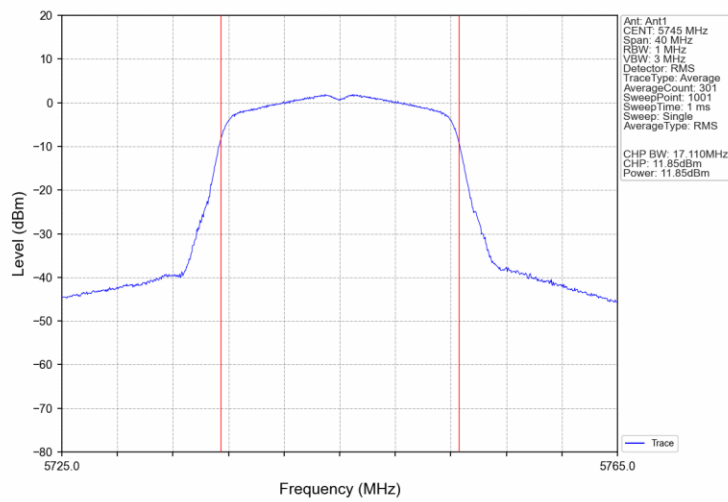
2.2.1 Power



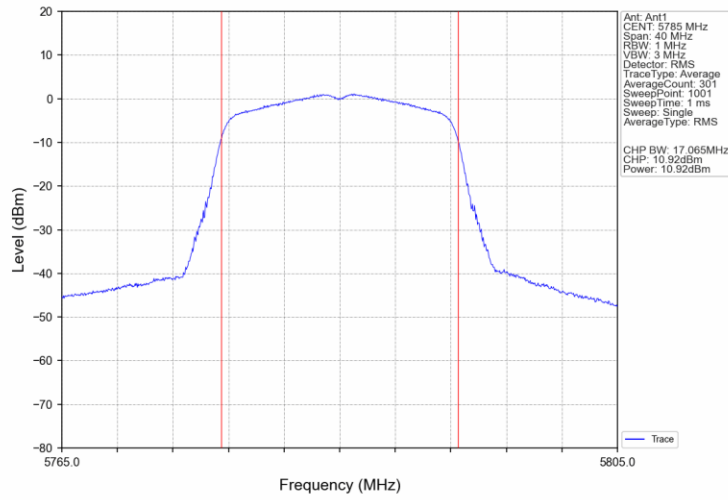
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV



802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV

