# RF Test Report

# For

| | |
|---|---|
| Project No.: | ZKT-240801L9141E-7 |
| Model: | EF6-2 |
| Client: | Autel Robotics Co., Ltd. |
| Manufacturer: | Autel Robotics Co., Ltd. |
| Product Description: | Autel Smart Controller SE V2 |
| Test Engineer: | Jim Liu |
| Test Date: | 2024-05-28 |

## Test Summary

| Item | Result |
|---|---|
| Duty Cycle | Pass |
| Bandwidth | Pass |
| Maximum Conducted Output Power | Pass |
| Maximum Power Spectral Density | Pass |
| Frequency Stability | Pass |
| Form731 | Pass |

# 1. Duty Cycle

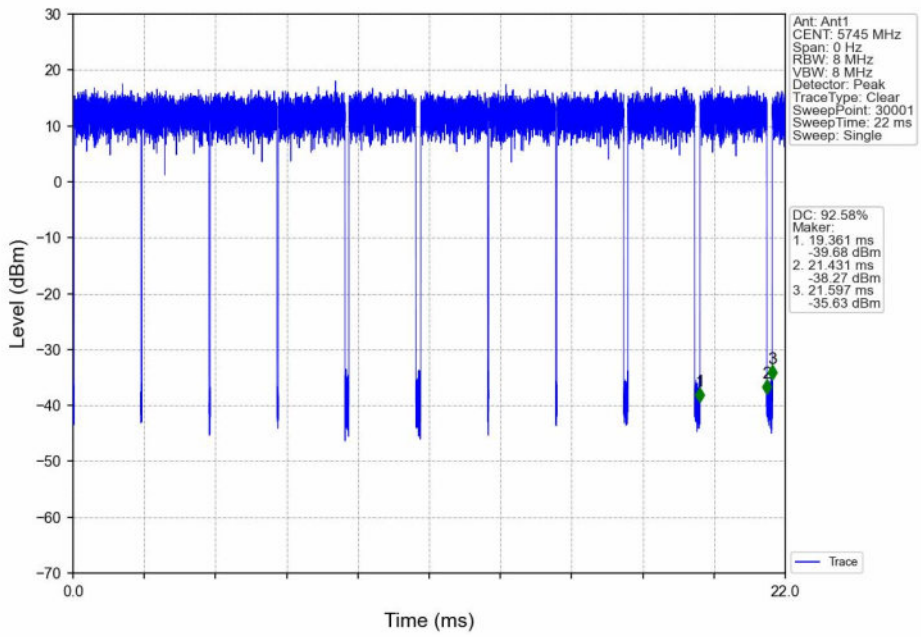
## 1.1 Ant1

### 1.1.1 Test Result

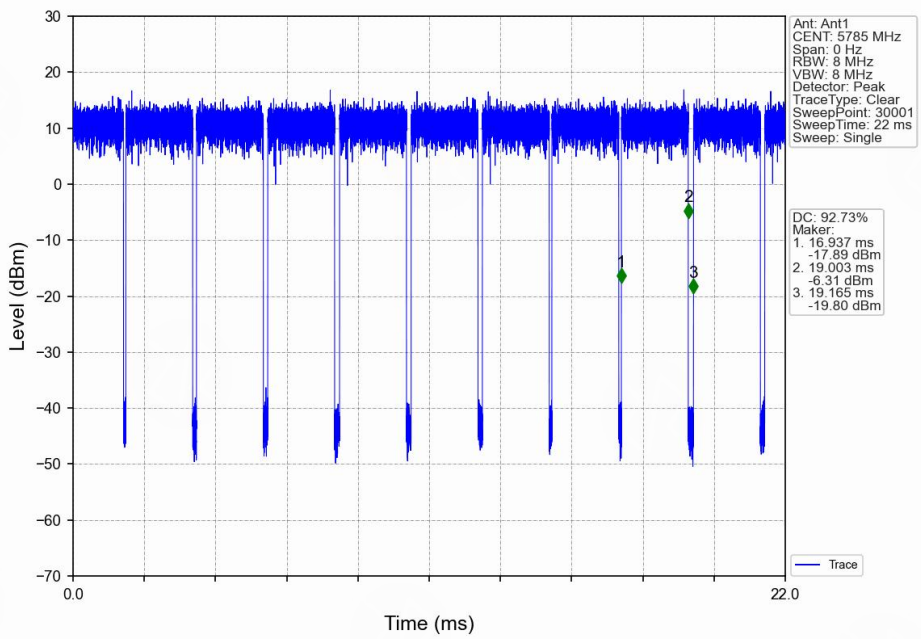
| Ant1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11a | SISO | 5745 | 2.070 | 2.236 | 92.58 | 0.34 | 5.95 |
| | | 5785 | 2.066 | 2.228 | 92.73 | 0.33 | 3.52 |
| | | 5825 | 2.066 | 2.201 | 93.87 | 0.27 | 3.57 |
| 802.11n (HT20) | SISO | 5745 | 1.926 | 2.093 | 92.02 | 0.36 | 6.38 |
| | | 5785 | 1.926 | 2.048 | 94.04 | 0.27 | 4.37 |
| | | 5825 | 1.922 | 2.092 | 91.87 | 0.37 | 4.99 |
| 802.11n (HT40) | SISO | 5755 | 0.950 | 1.117 | 85.05 | 0.70 | 11.70 |
| | | 5795 | 0.950 | 1.116 | 85.13 | 0.70 | 11.70 |
| 802.11ac (VHT20) | SISO | 5745 | 1.934 | 2.105 | 91.88 | 0.37 | 5.82 |
| | | 5785 | 1.934 | 2.106 | 91.83 | 0.37 | 4.10 |
| | | 5825 | 1.938 | 2.105 | 92.07 | 0.36 | 5.91 |
| 802.11ac (VHT40) | SISO | 5755 | 0.954 | 1.116 | 85.48 | 0.68 | 10.89 |
| | | 5795 | 0.953 | 1.116 | 85.39 | 0.69 | 10.82 |
| 802.11ac (VHT80) | SISO | 5775 | 0.462 | 0.588 | 78.57 | 1.05 | 14.19 |

## 1.1.2 Test Graph

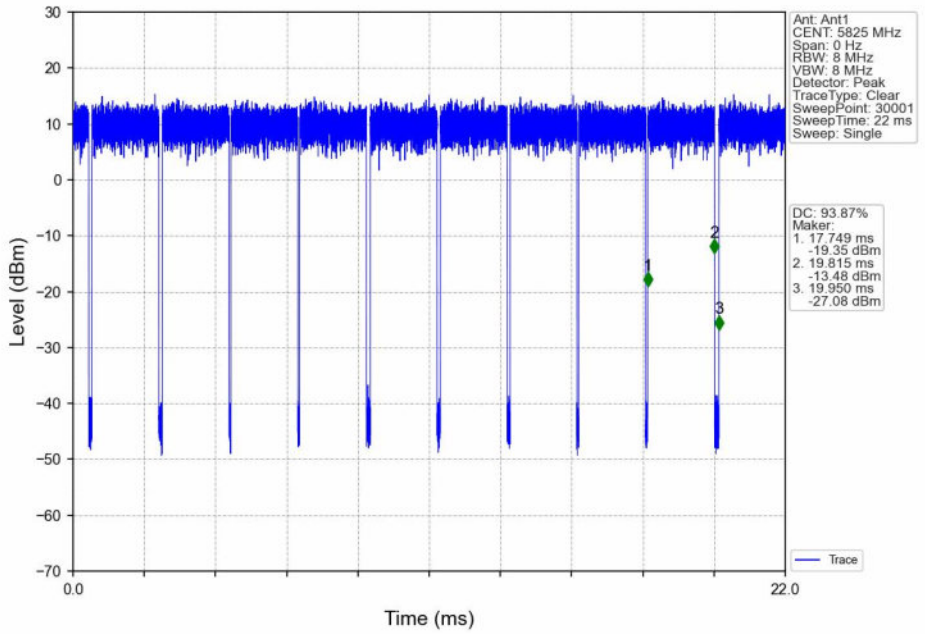
802.11a_LCH_5745MHz_Ant1_NTNV



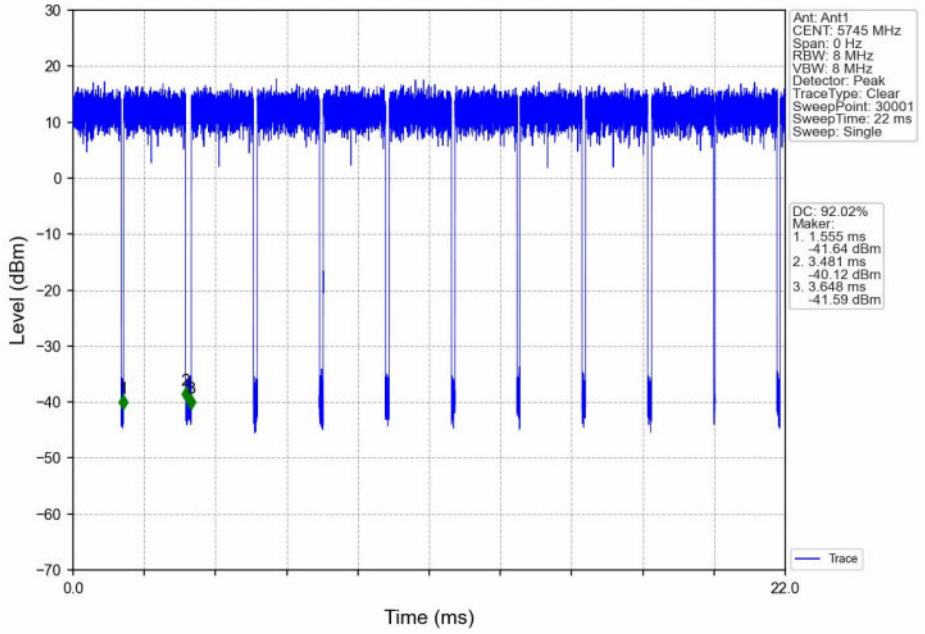

802.11a_MCH_5785MHz_Ant1_NTNV



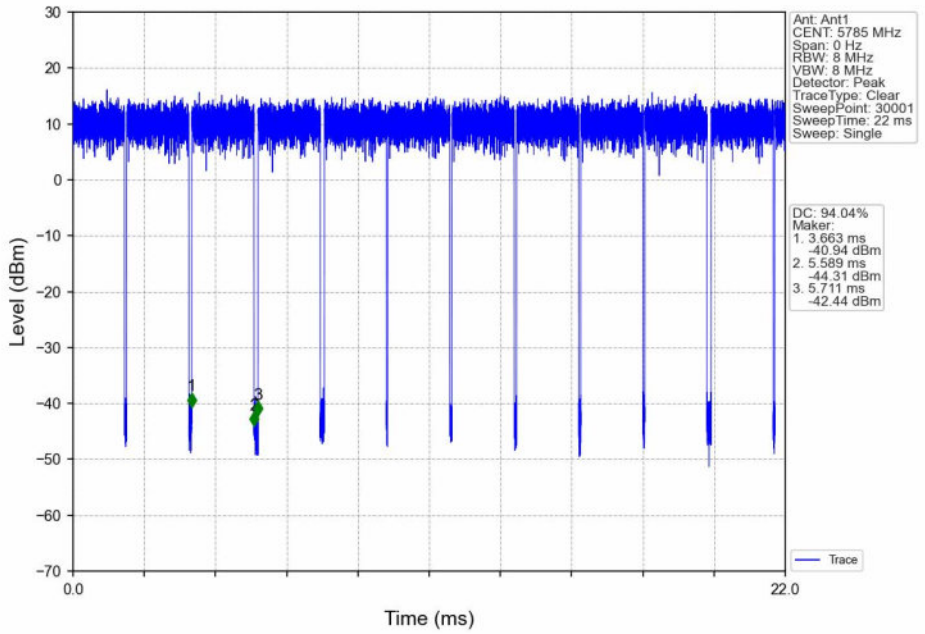
802.11a_HCH_5825MHz_Ant1_NTNV



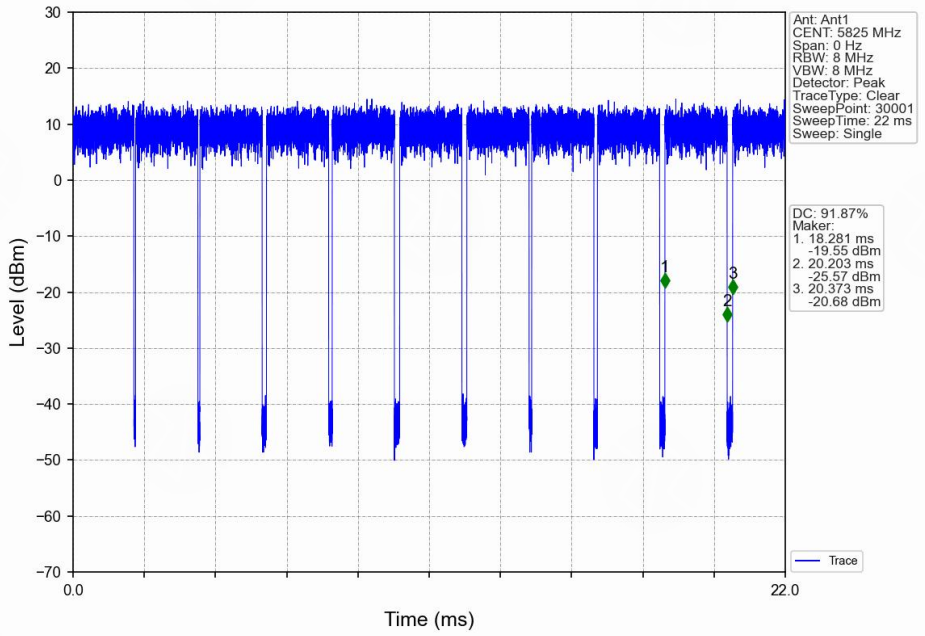

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



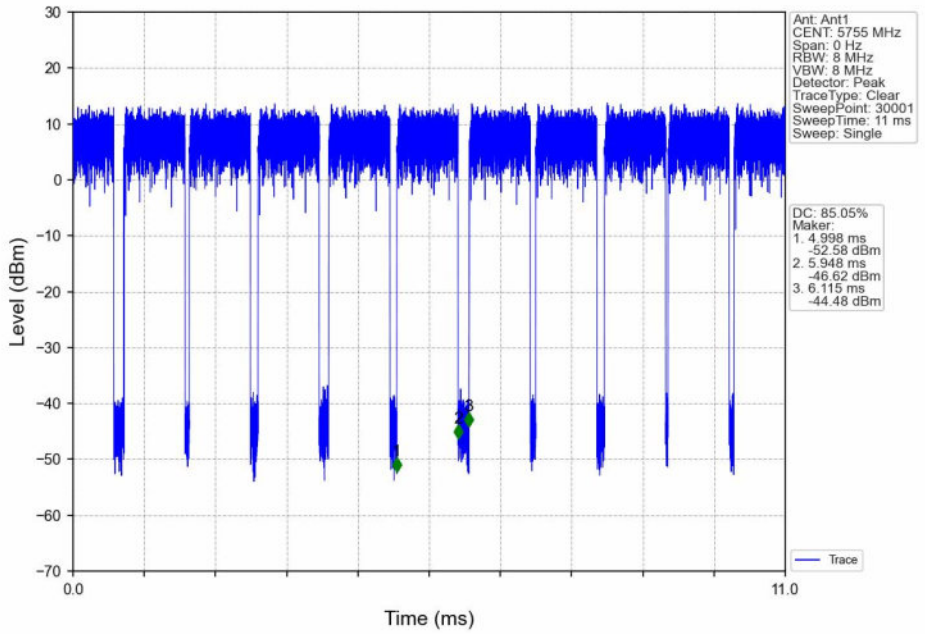
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



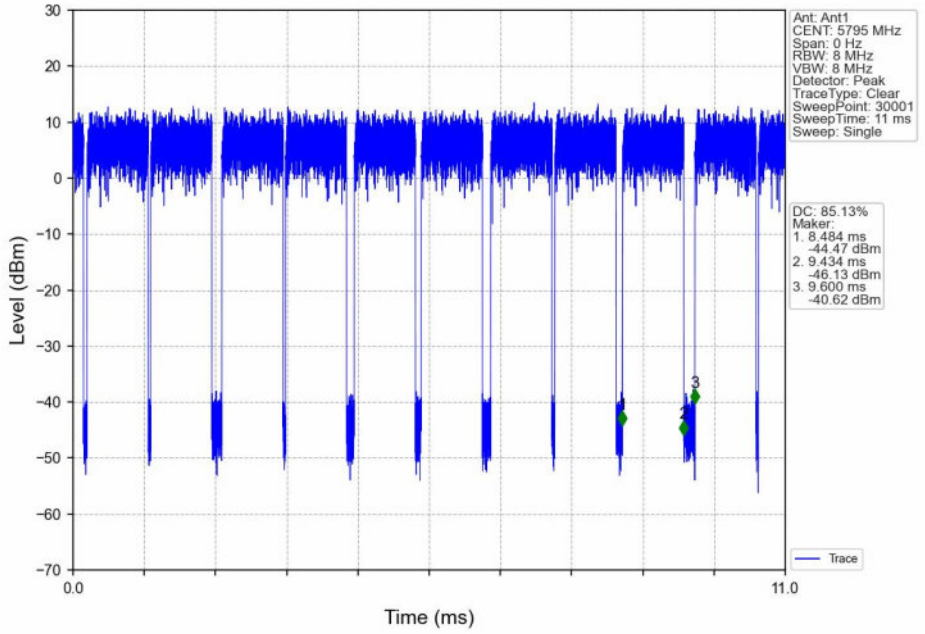

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



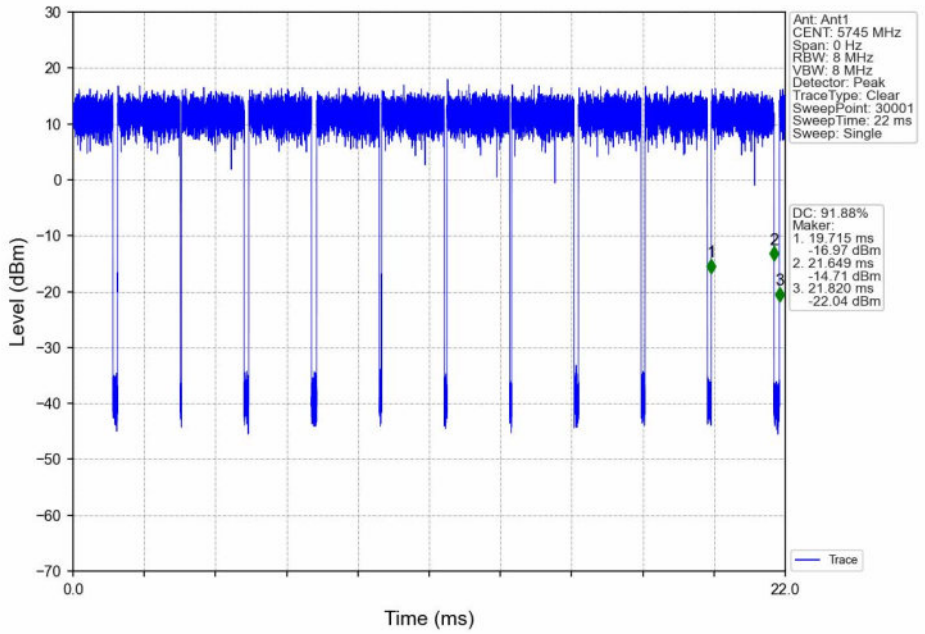
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



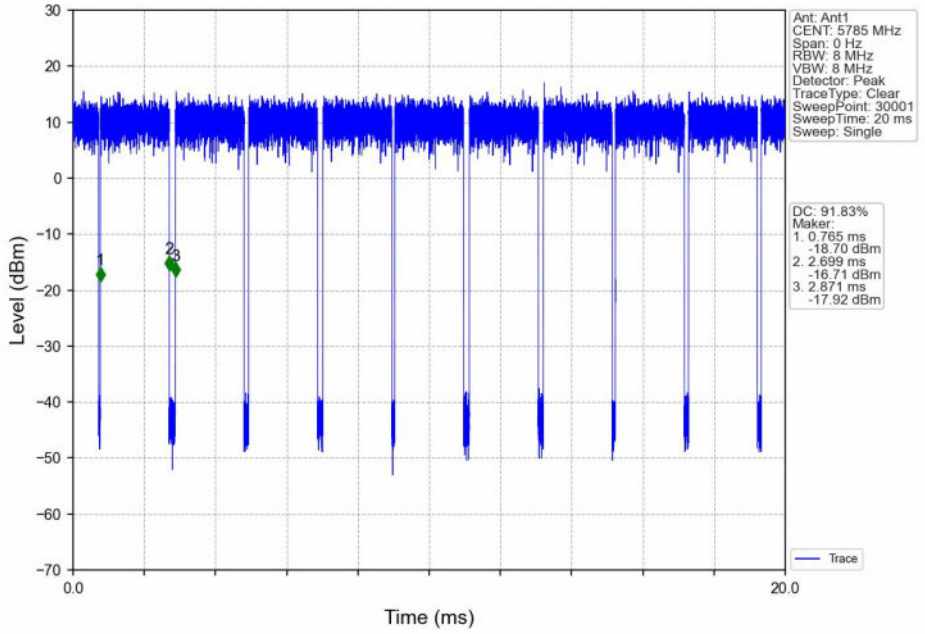

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



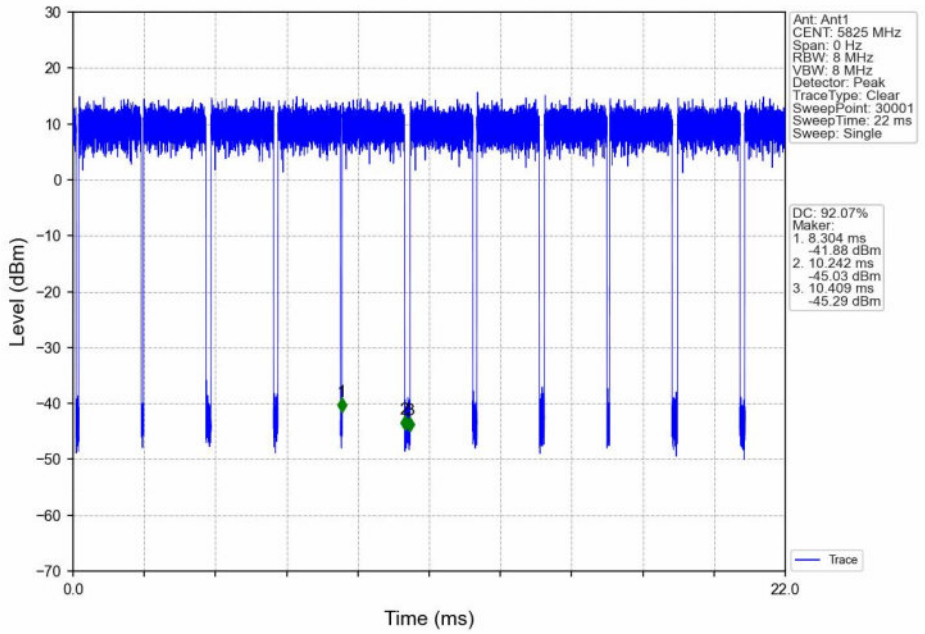
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



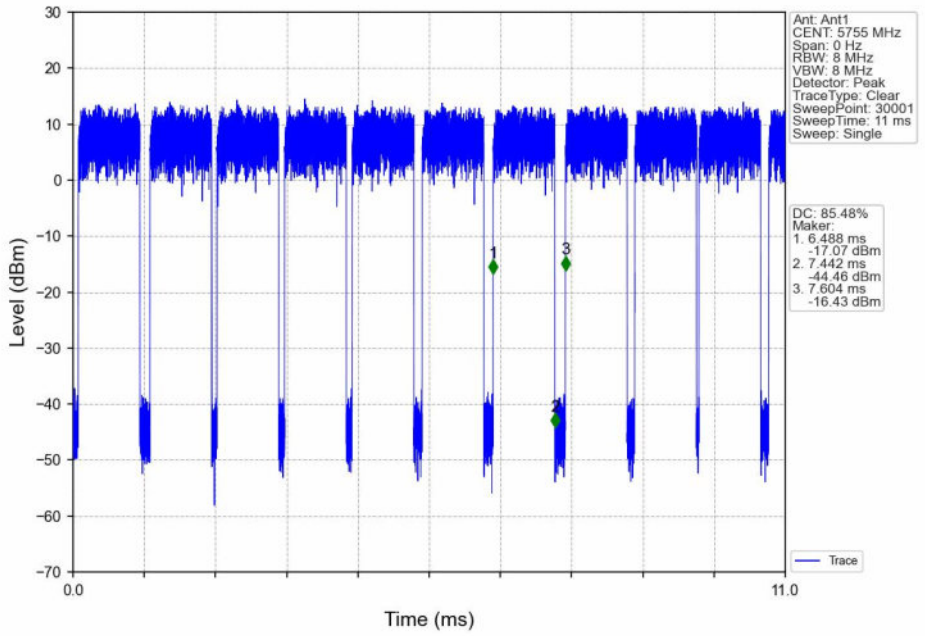

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



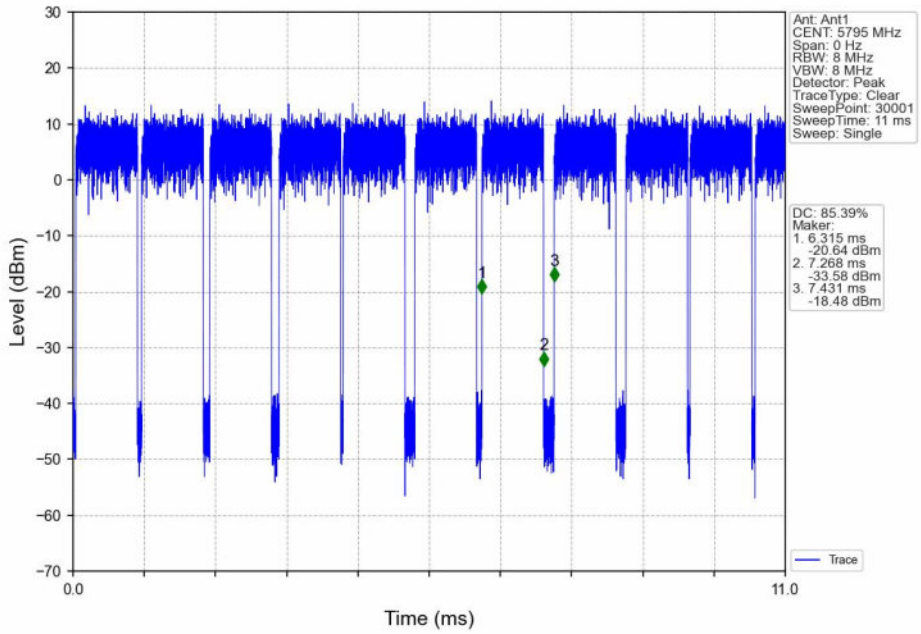
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



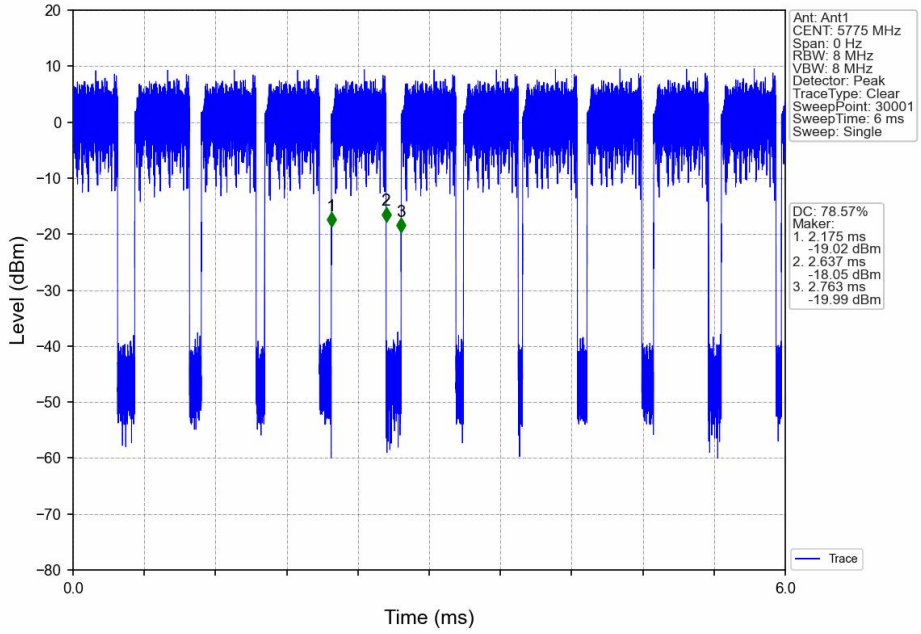

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



# 2. Bandwidth

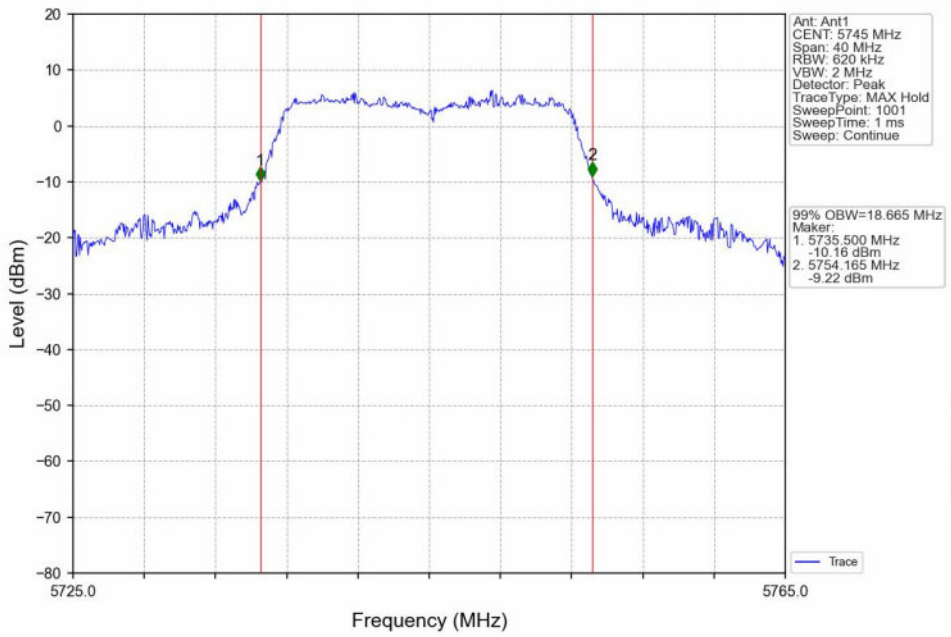
## 2.1 OBW

### 2.1.1 Test Result

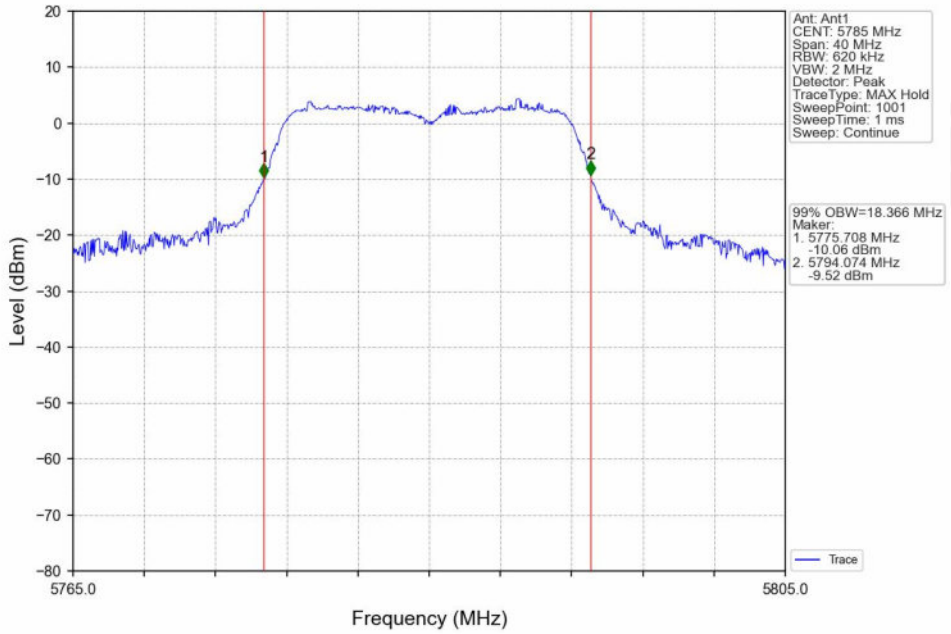
| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 802.11a | SISO | 5745 | 1 | 18.665 | / | Pass |
| | | 5785 | 1 | 18.366 | / | Pass |
| | | 5825 | 1 | 18.281 | / | Pass |
| 802.11n (HT20) | SISO | 5745 | 1 | 19.292 | / | Pass |
| | | 5785 | 1 | 19.185 | / | Pass |
| | | 5825 | 1 | 18.780 | / | Pass |
| 802.11n (HT40) | SISO | 5755 | 1 | 37.517 | / | Pass |
| | | 5795 | 1 | 37.585 | / | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 1 | 19.122 | / | Pass |
| | | 5785 | 1 | 18.897 | / | Pass |
| | | 5825 | 1 | 18.772 | / | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 1 | 38.230 | / | Pass |
| | | 5795 | 1 | 37.542 | / | Pass |
| 802.11ac (VHT80) | SISO | 5775 | 1 | 77.423 | / | Pass |

## 2.1.2 Test Graph

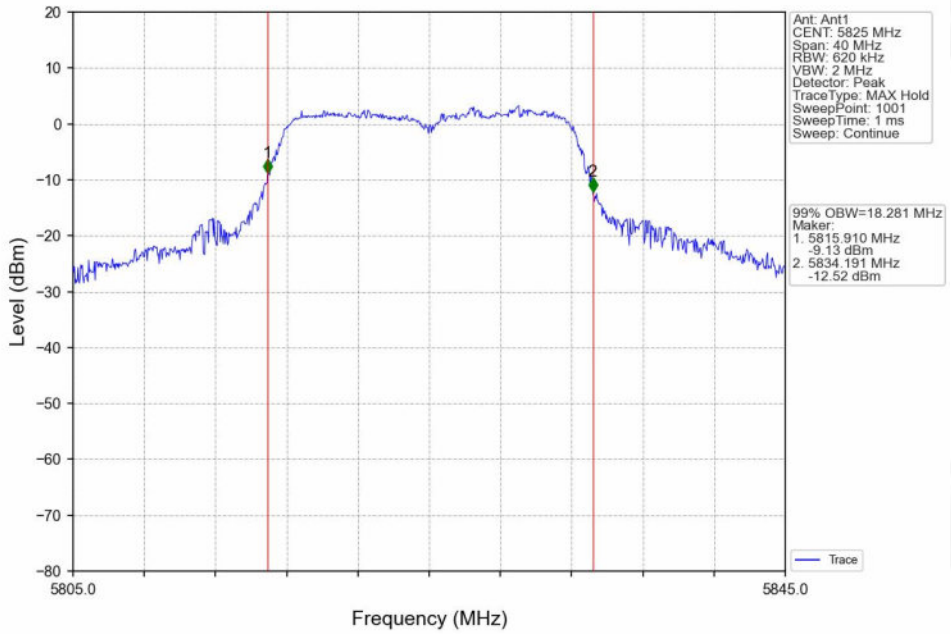
802.11a_LCH_5745MHz_Ant1_NTNV



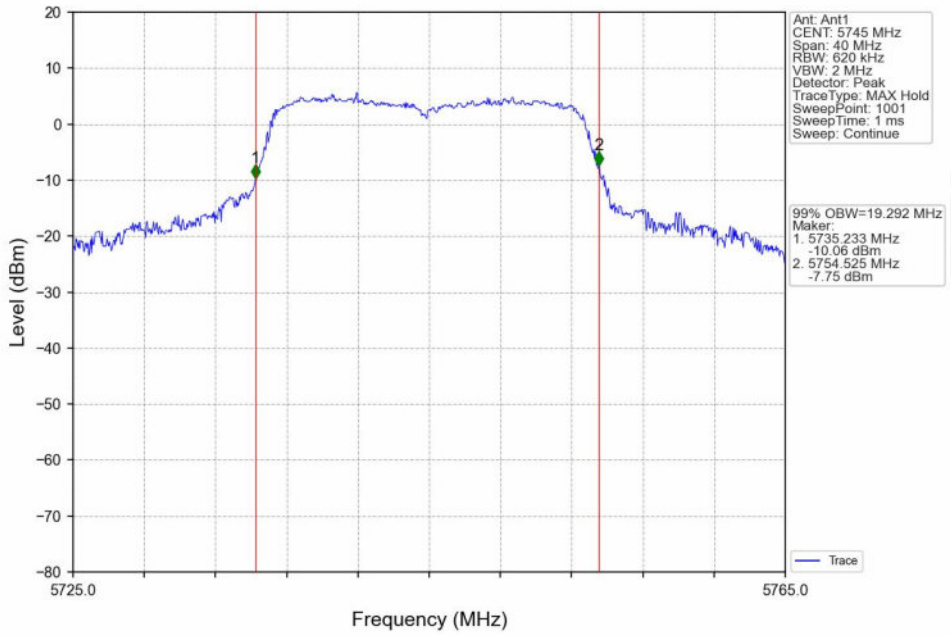

802.11a_MCH_5785MHz_Ant1_NTNV



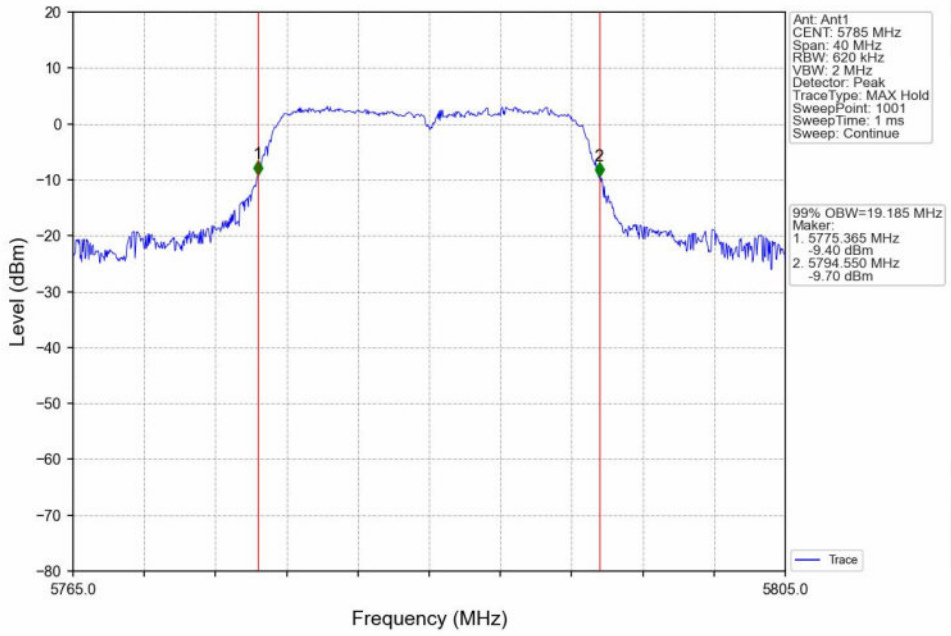
802.11a_HCH_5825MHz_Ant1_NTNV



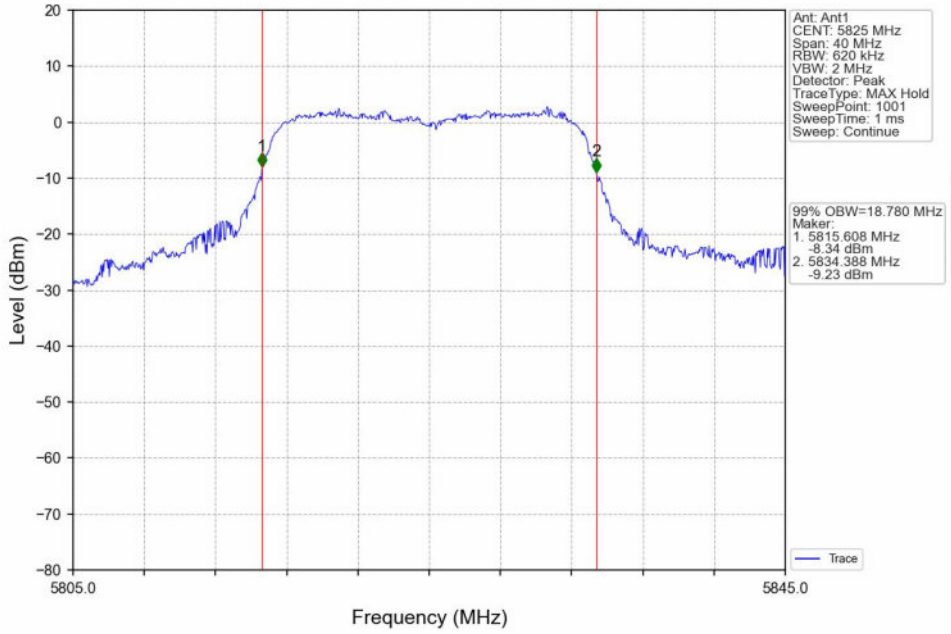

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



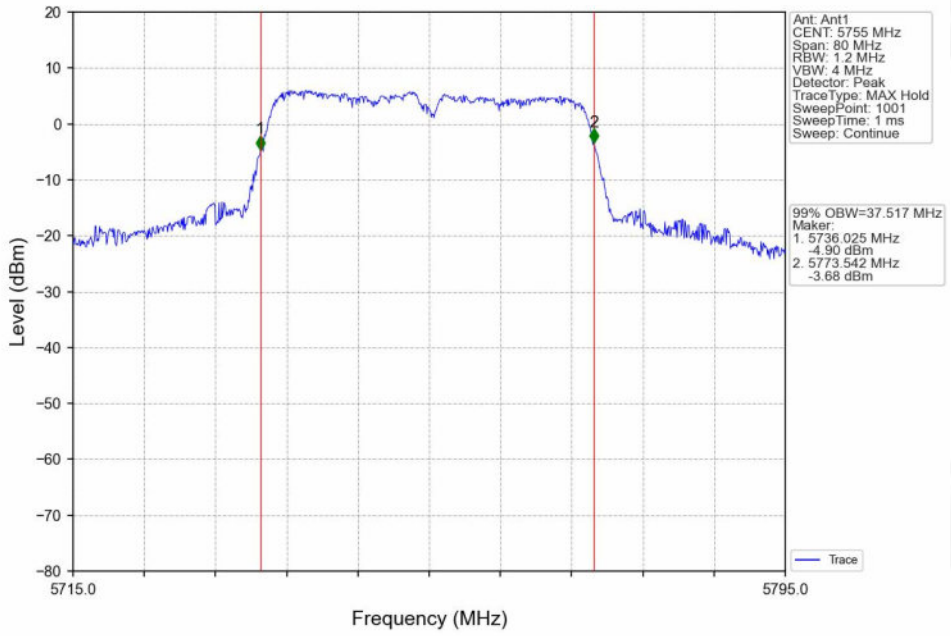
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



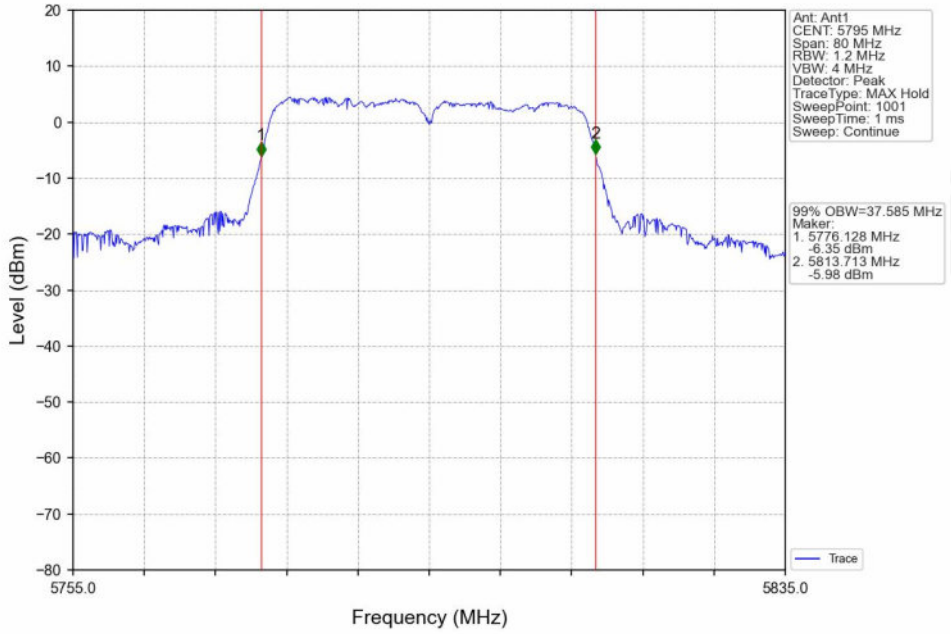

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



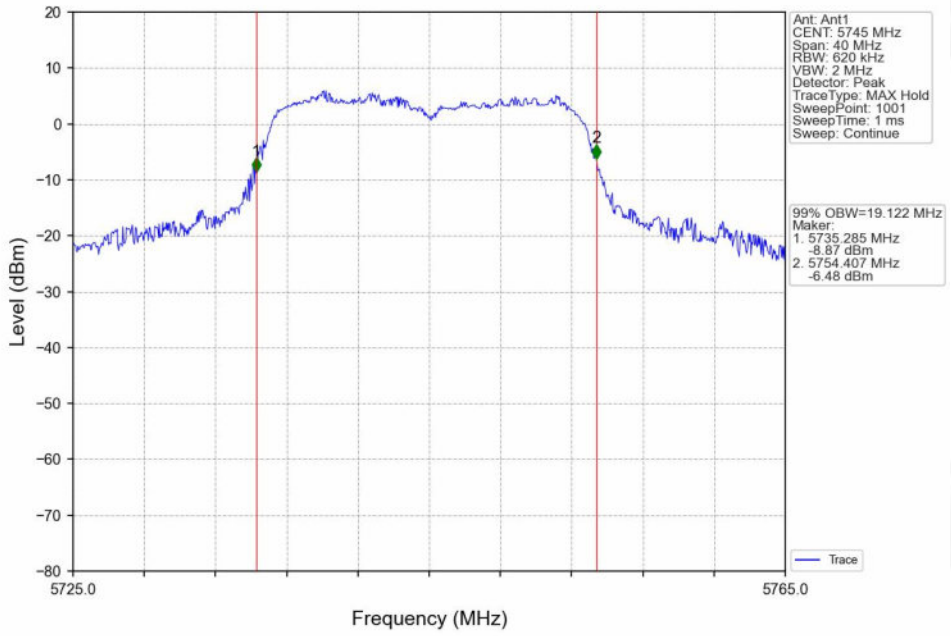
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



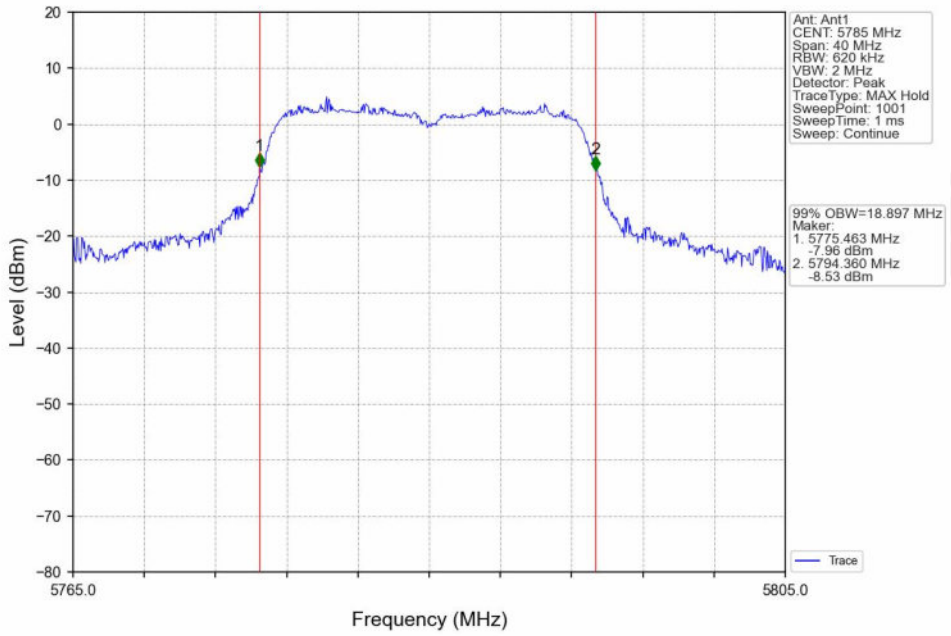

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



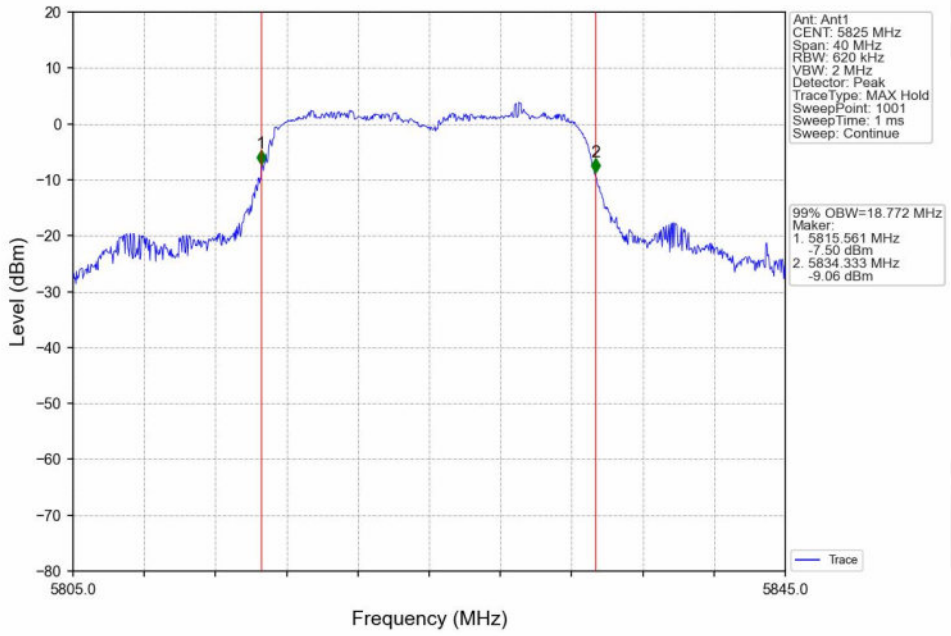
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



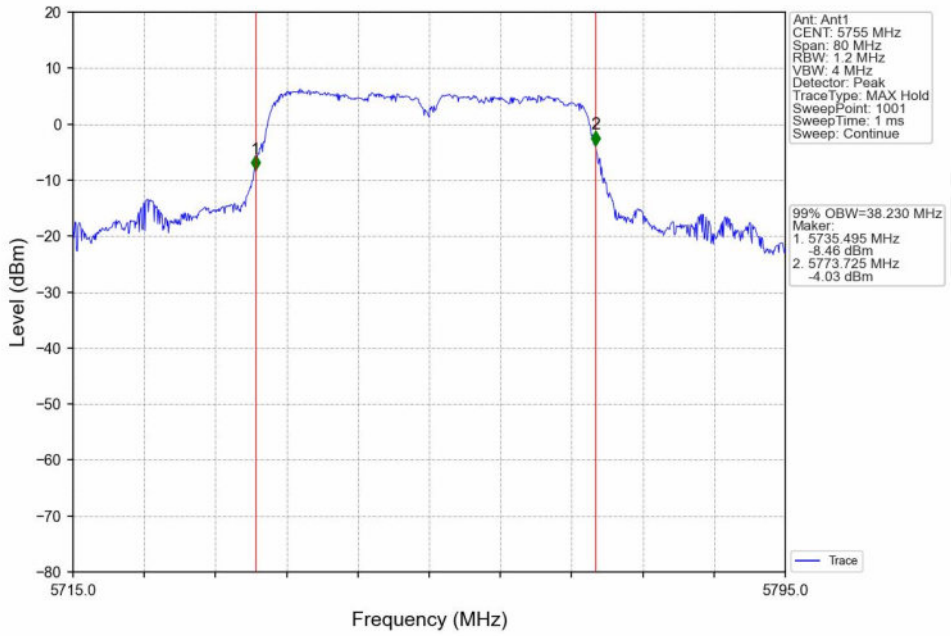

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



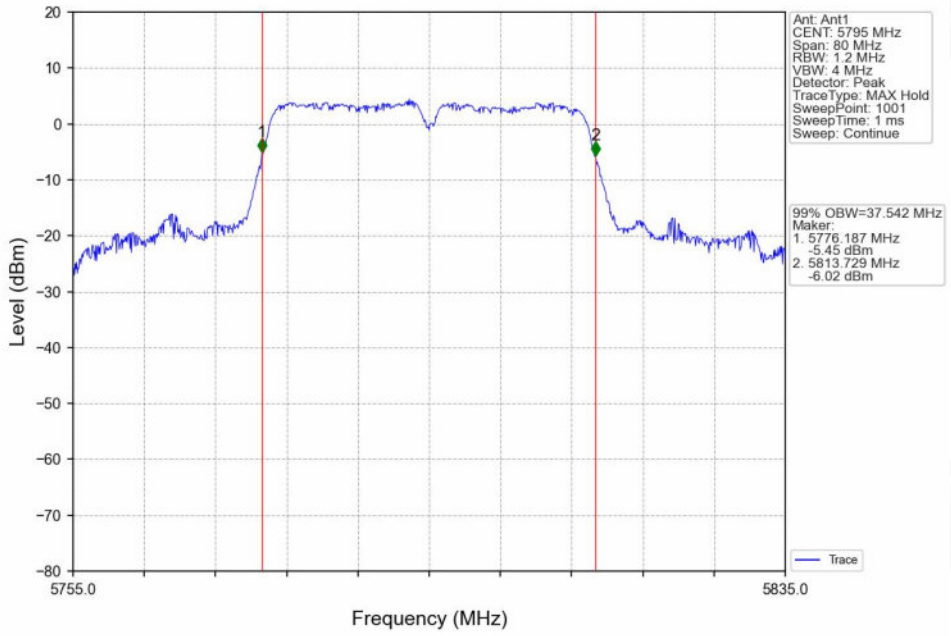
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



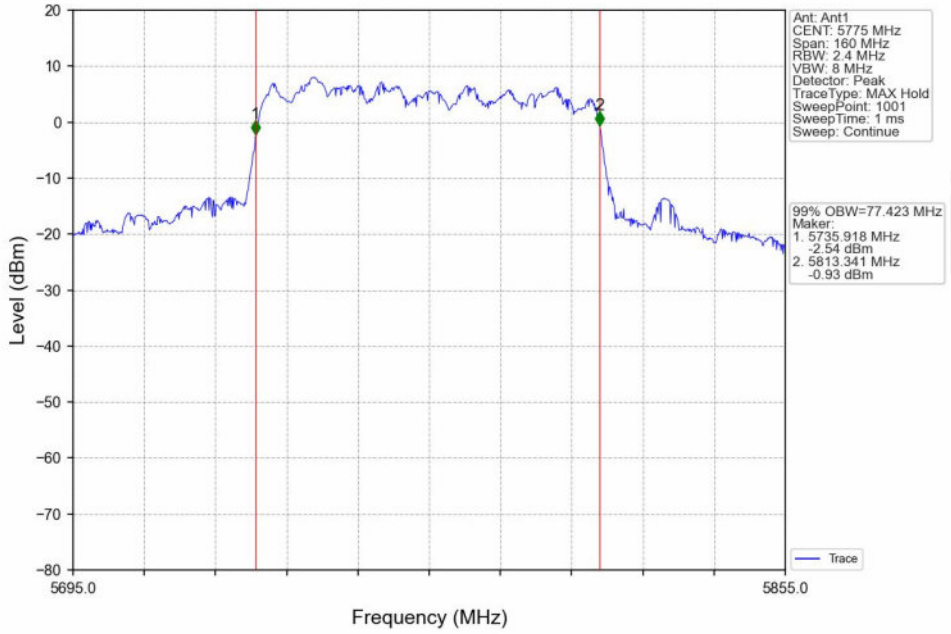

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



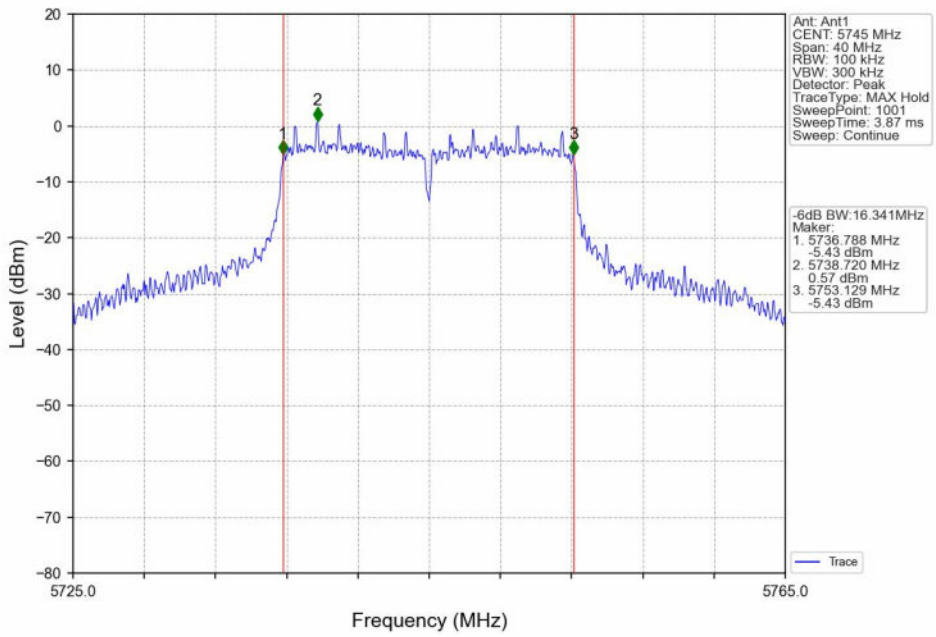
## 2.2 6dB BW

### 2.2.1 Test Result

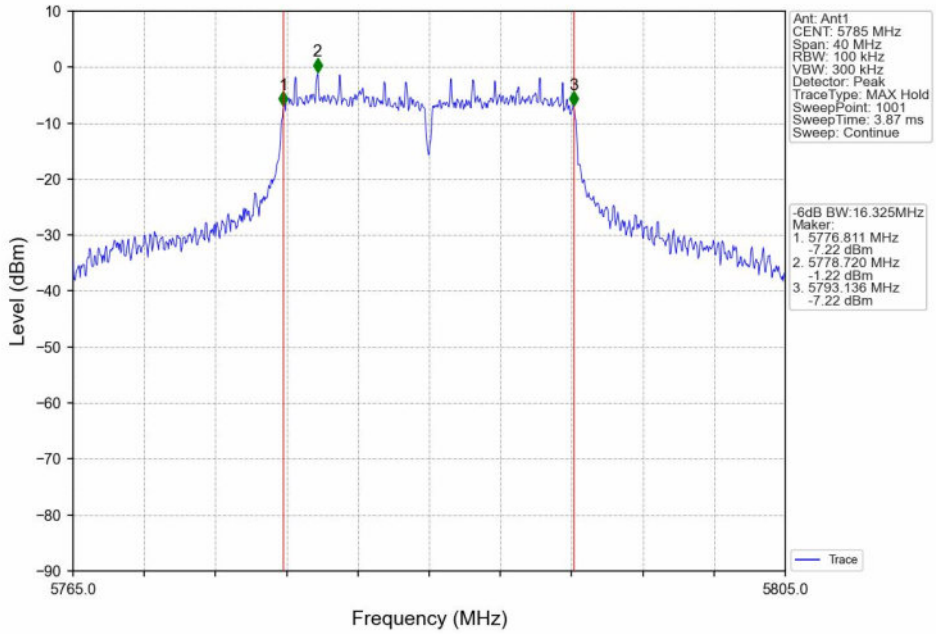
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|---|---|---|---|---|---|---|
| | | | | Result | Limit | |
| 802.11a | SISO | 5745 | 1 | 16.341 | >=0.5 | Pass |
| | | 5785 | 1 | 16.325 | >=0.5 | Pass |
| | | 5825 | 1 | 16.322 | >=0.5 | Pass |
| 802.11n (HT20) | SISO | 5745 | 1 | 16.825 | >=0.5 | Pass |
| | | 5785 | 1 | 16.979 | >=0.5 | Pass |
| | | 5825 | 1 | 17.023 | >=0.5 | Pass |
| 802.11n (HT40) | SISO | 5755 | 1 | 35.201 | >=0.5 | Pass |
| | | 5795 | 1 | 35.495 | >=0.5 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 1 | 16.336 | >=0.5 | Pass |
| | | 5785 | 1 | 16.795 | >=0.5 | Pass |
| | | 5825 | 1 | 17.037 | >=0.5 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 1 | 35.166 | >=0.5 | Pass |
| | | 5795 | 1 | 35.212 | >=0.5 | Pass |
| 802.11ac (VHT80) | SISO | 5775 | 1 | 73.921 | >=0.5 | Pass |

## 2.2.2 Test Graph

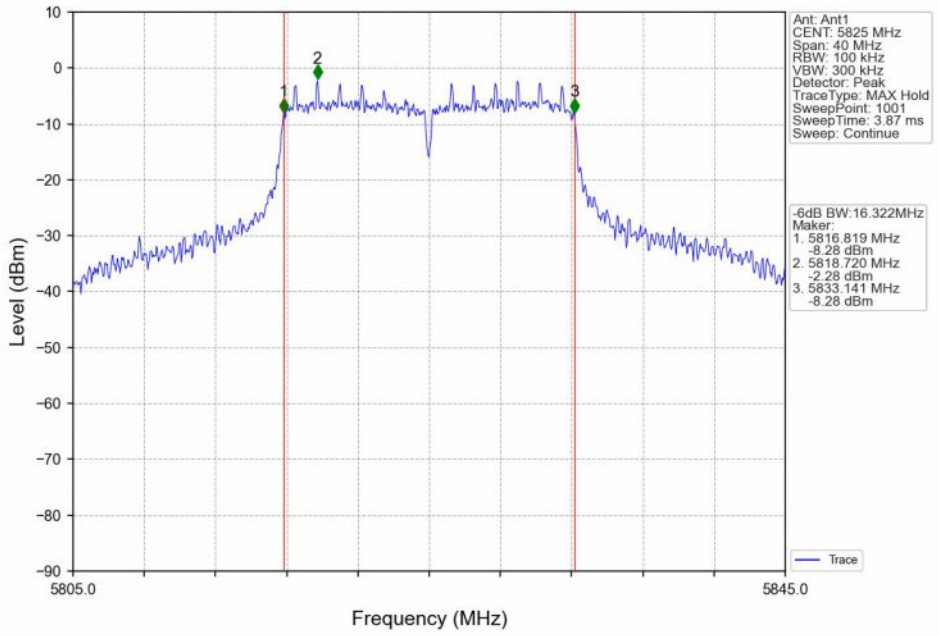
802.11a_LCH_5745MHz_Ant1_NTNV



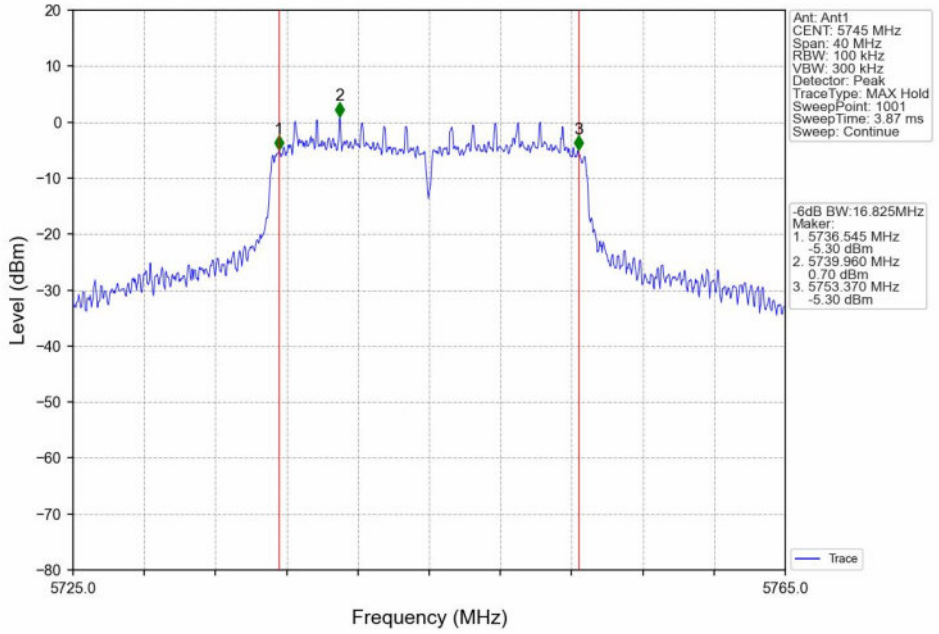

802.11a_MCH_5785MHz_Ant1_NTNV



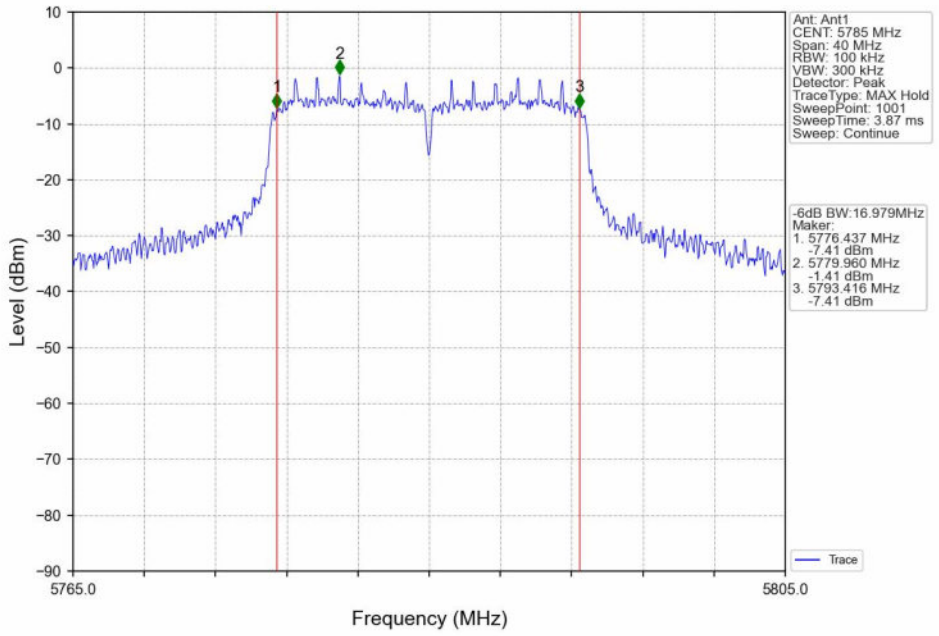
802.11a_HCH_5825MHz_Ant1_NTNV



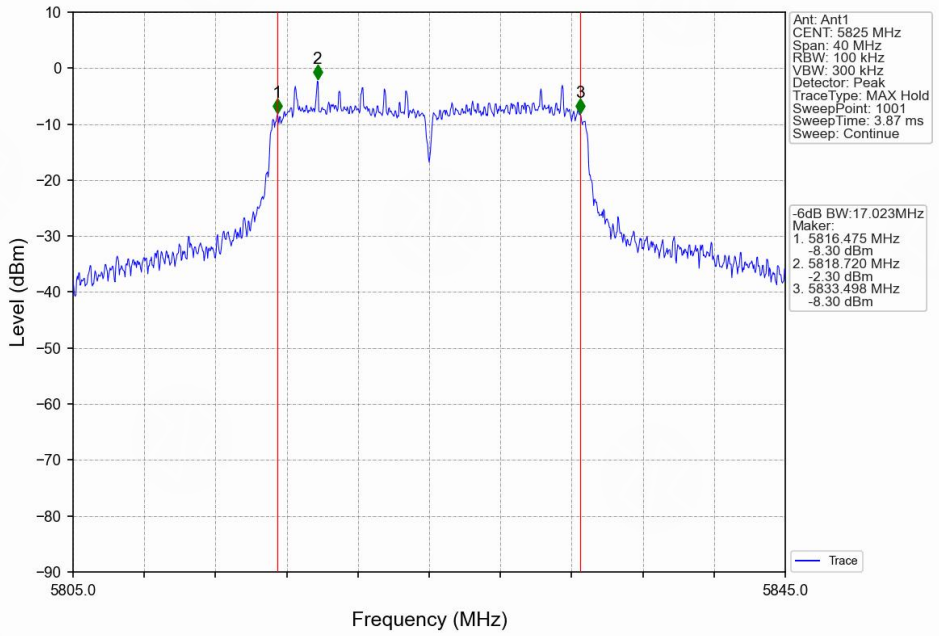

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



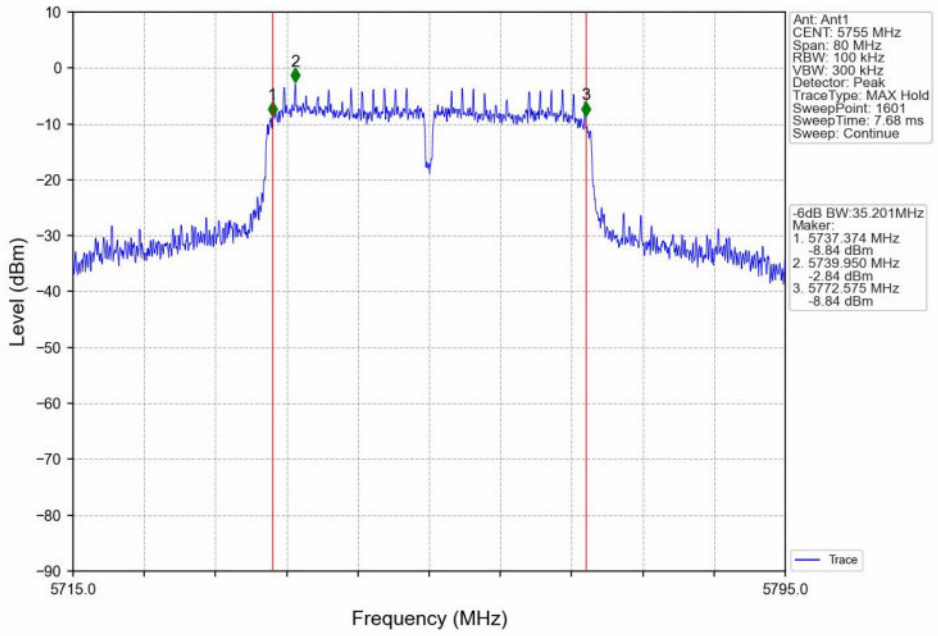
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



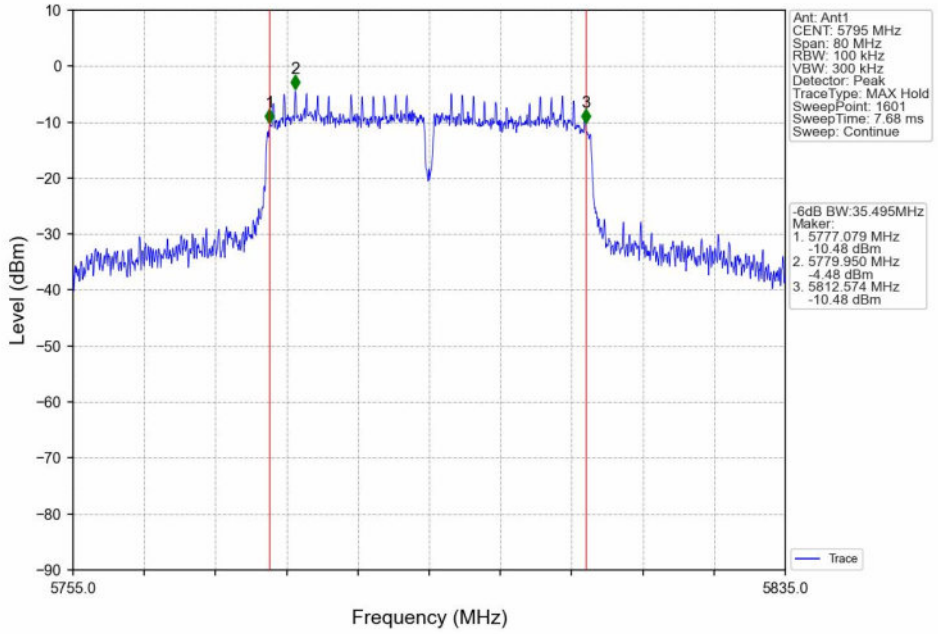

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



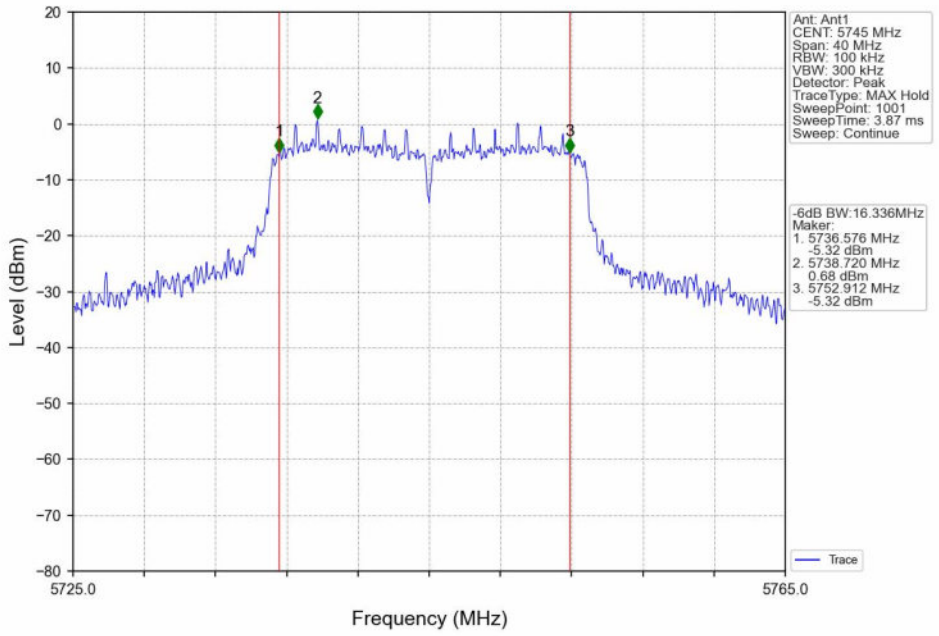
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



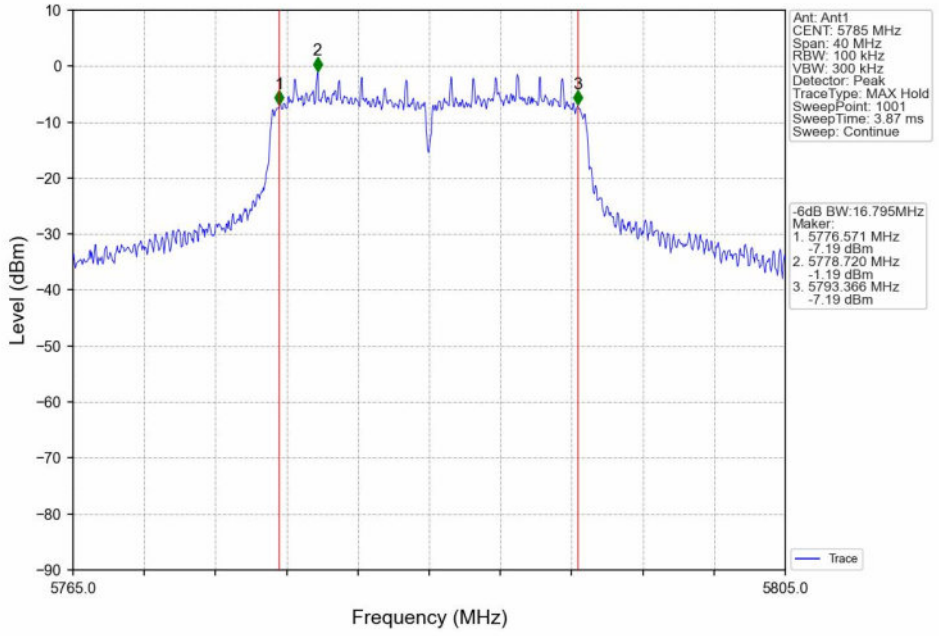

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



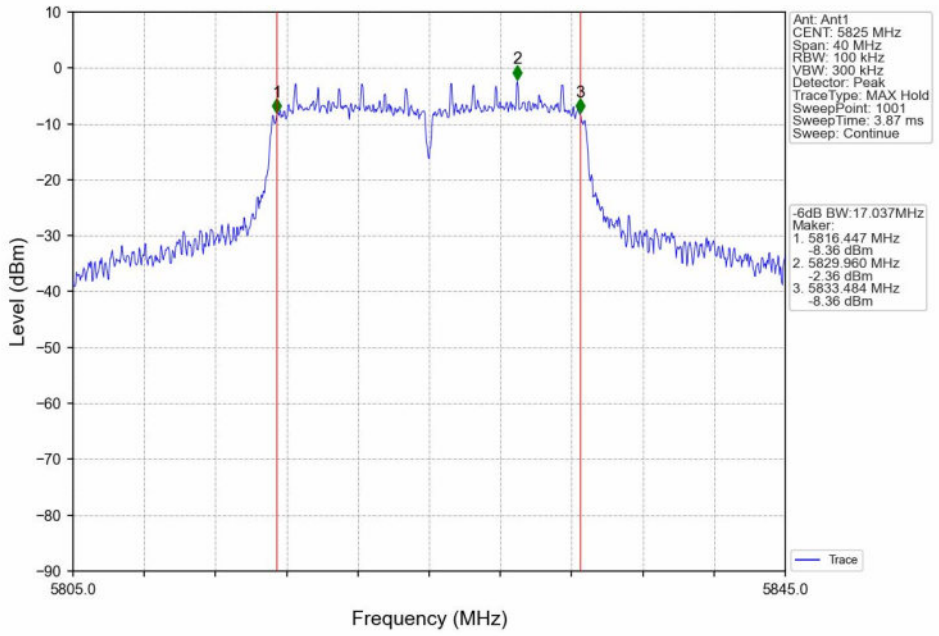
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



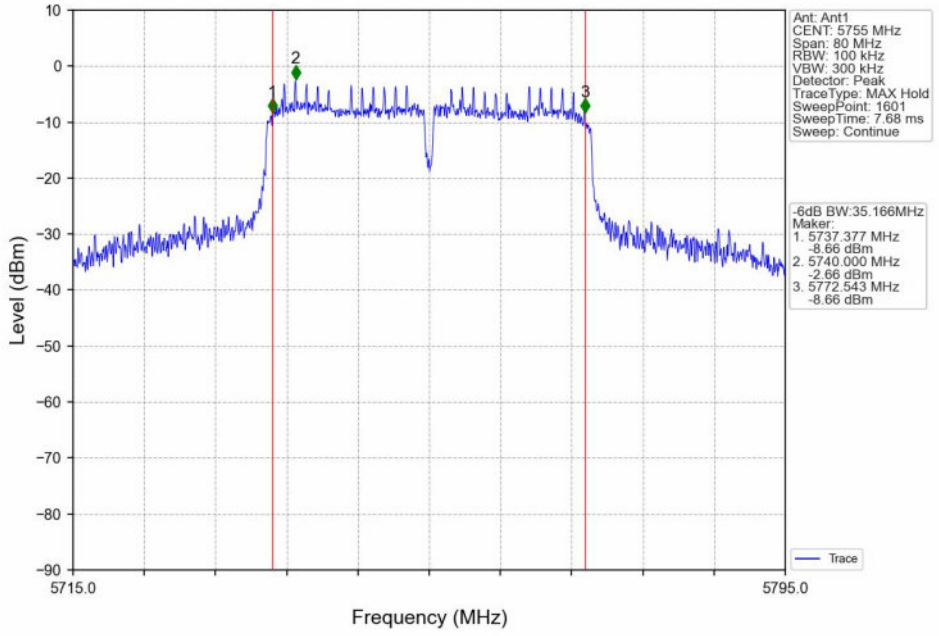

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



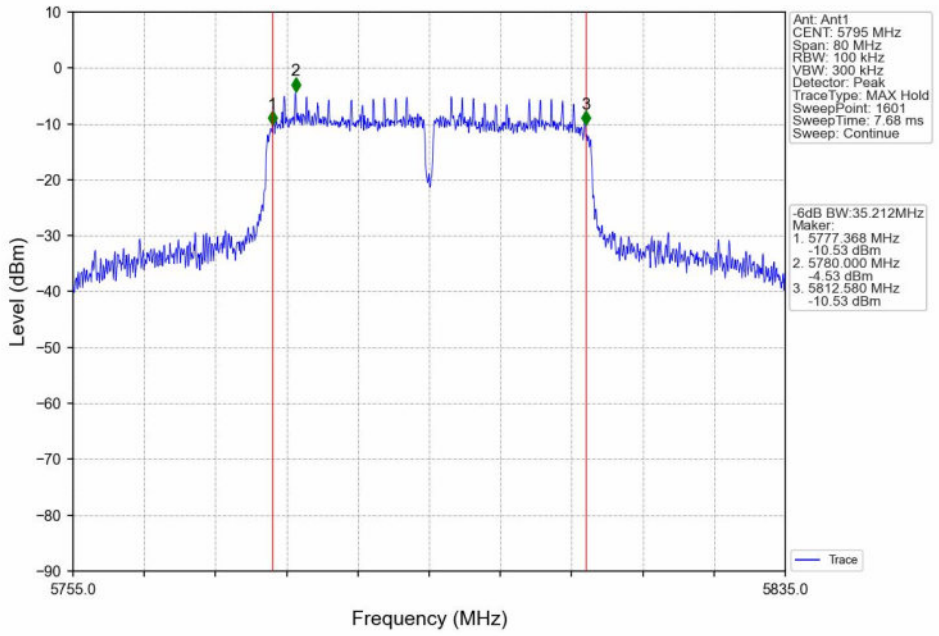
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



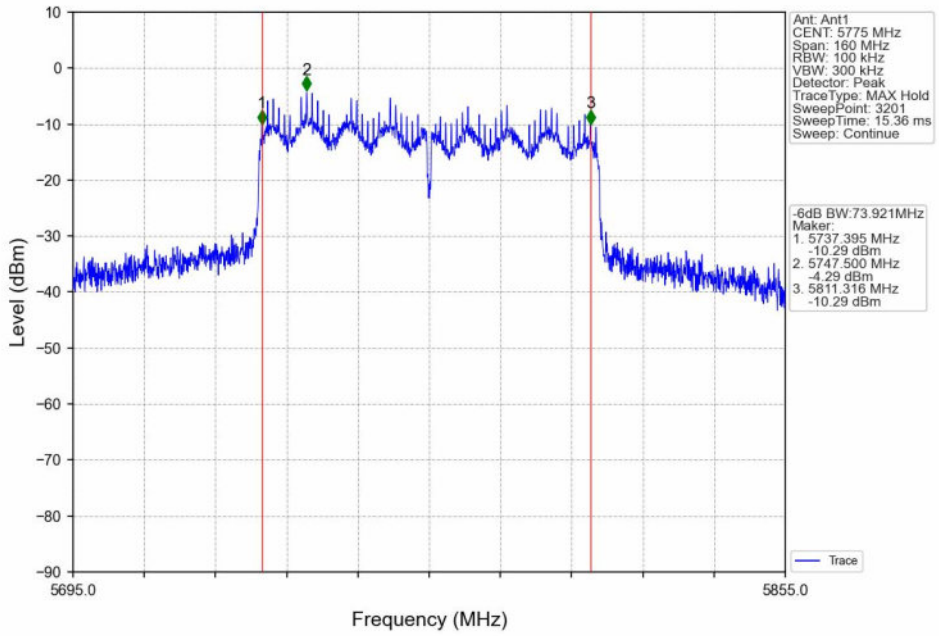

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



# 3. Maximum Conducted Output Power

## 3.1 Power

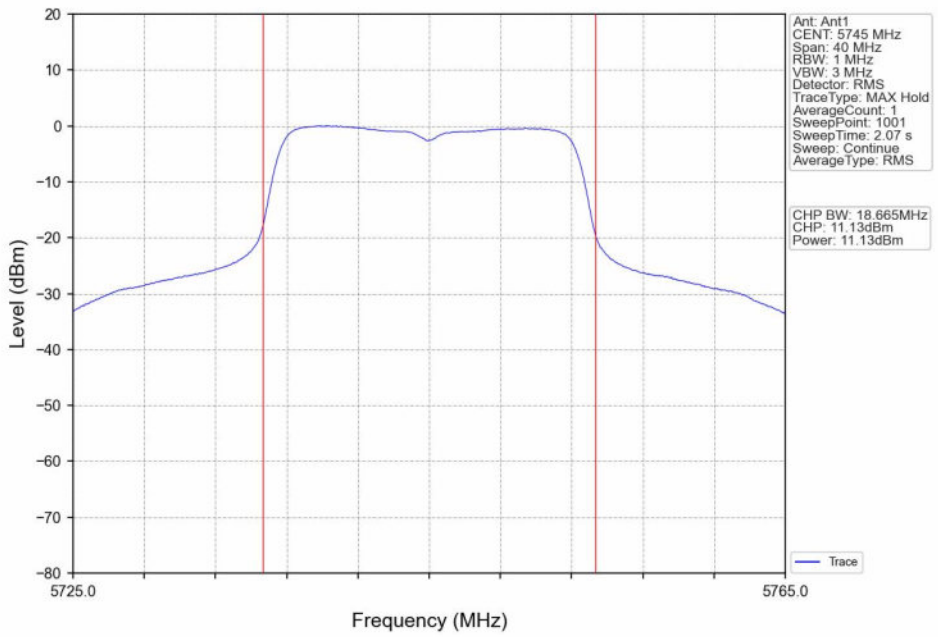
### 3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit | |
| 802.11a | SISO | 5745 | 11.13 | <=30 | Pass |
| | | 5785 | 9.85 | <=30 | Pass |
| | | 5825 | 9.22 | <=30 | Pass |
| 802.11n (HT20) | SISO | 5745 | 11.27 | <=30 | Pass |
| | | 5785 | 9.74 | <=30 | Pass |
| | | 5825 | 9.07 | <=30 | Pass |
| 802.11n (HT40) | SISO | 5755 | 10.79 | <=30 | Pass |
| | | 5795 | 9.76 | <=30 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 11.11 | <=30 | Pass |
| | | 5785 | 9.81 | <=30 | Pass |
| | | 5825 | 9.32 | <=30 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 10.92 | <=30 | Pass |
| | | 5795 | 9.43 | <=30 | Pass |
| 802.11ac (VHT80) | SISO | 5775 | 10.26 | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 4.00dBi; | | | | | |

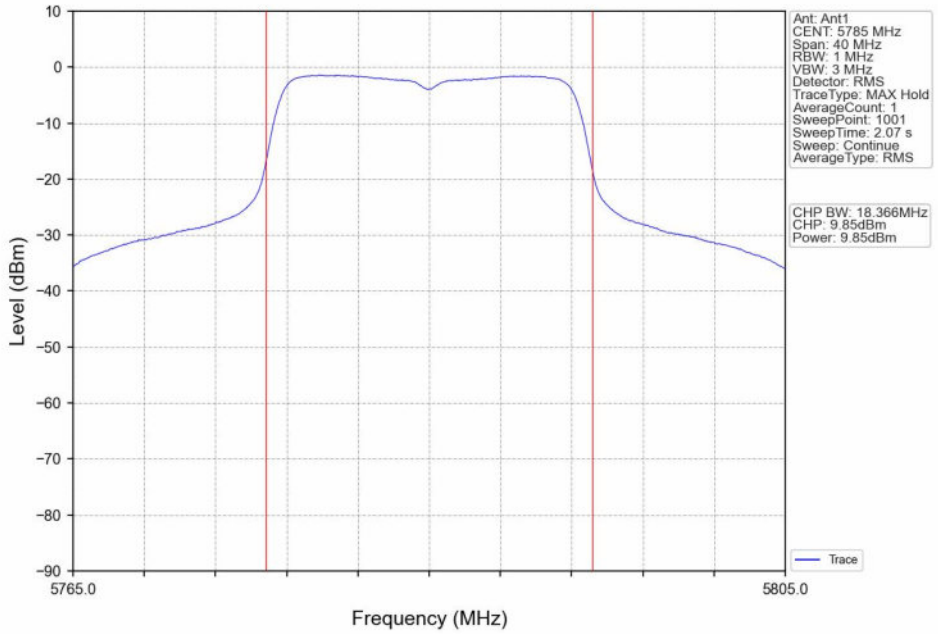
Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

### 3.1.2 Test Graph

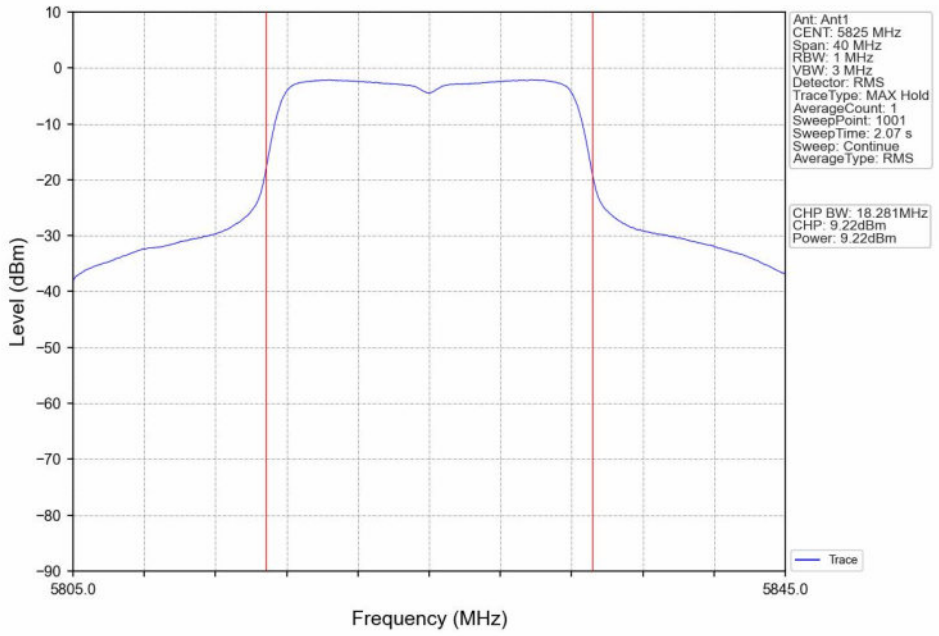
802.11a_LCH_5745MHz_Ant1_NTNV



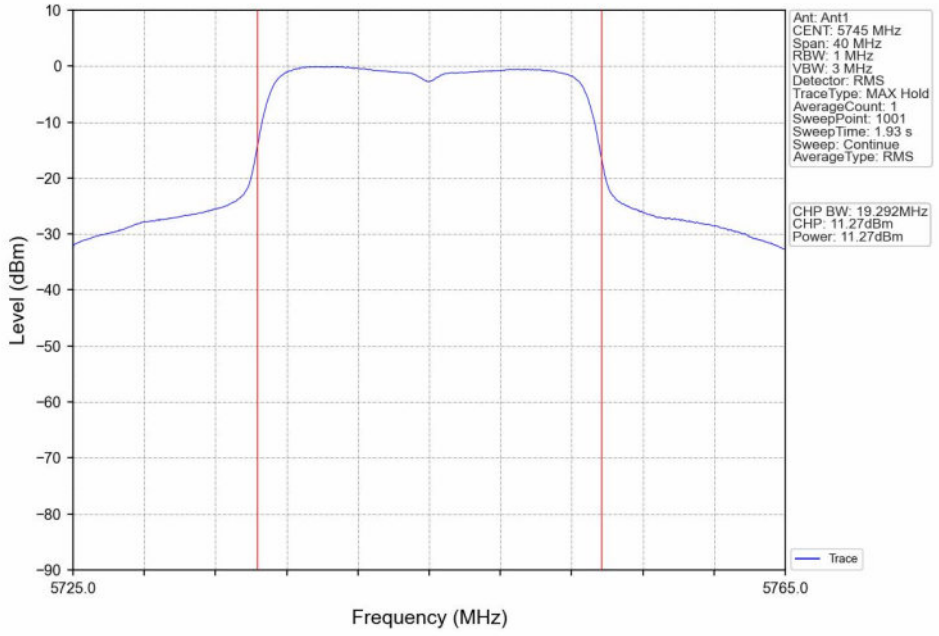

802.11a_MCH_5785MHz_Ant1_NTNV



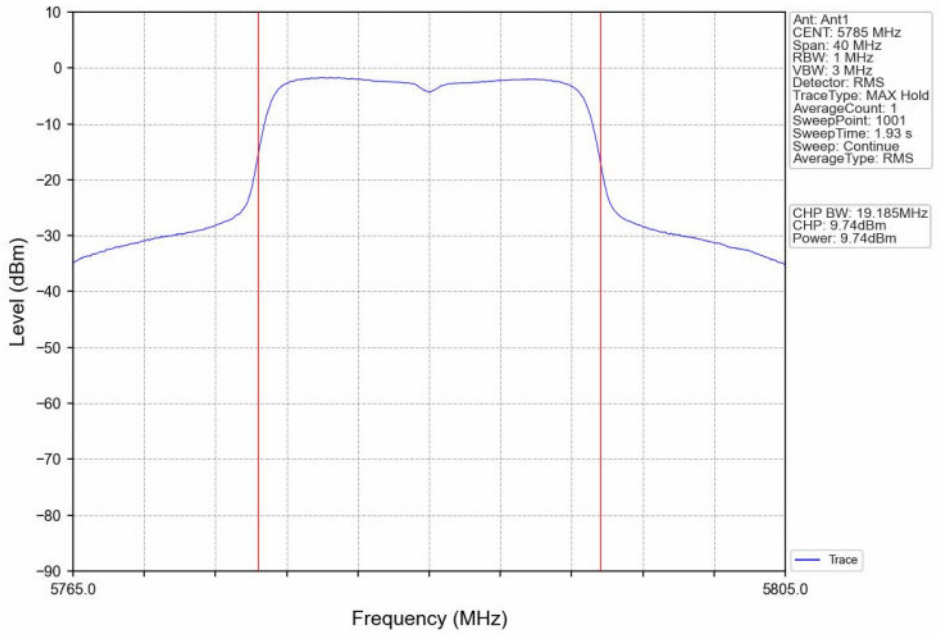
802.11a_HCH_5825MHz_Ant1_NTNV



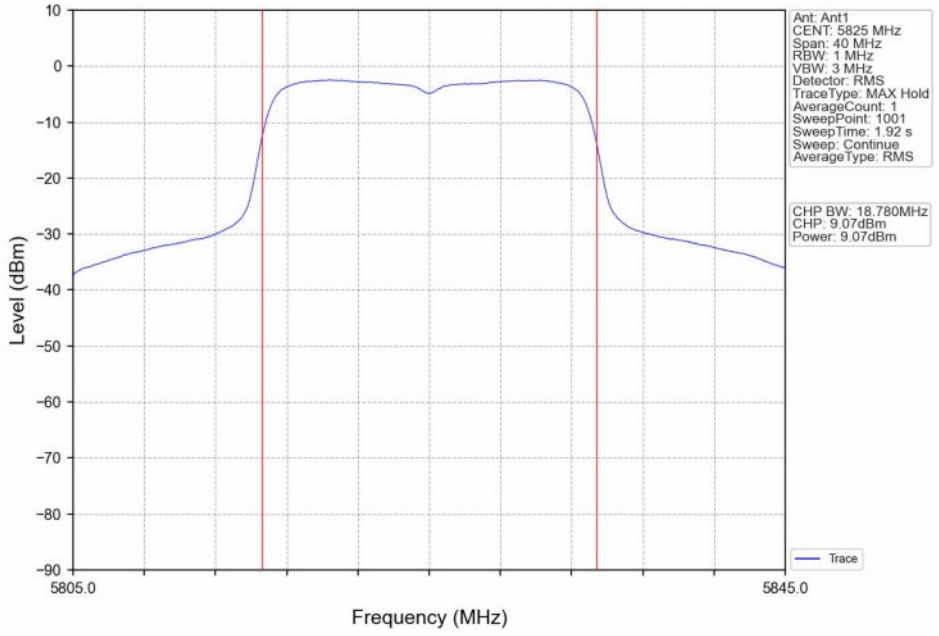

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



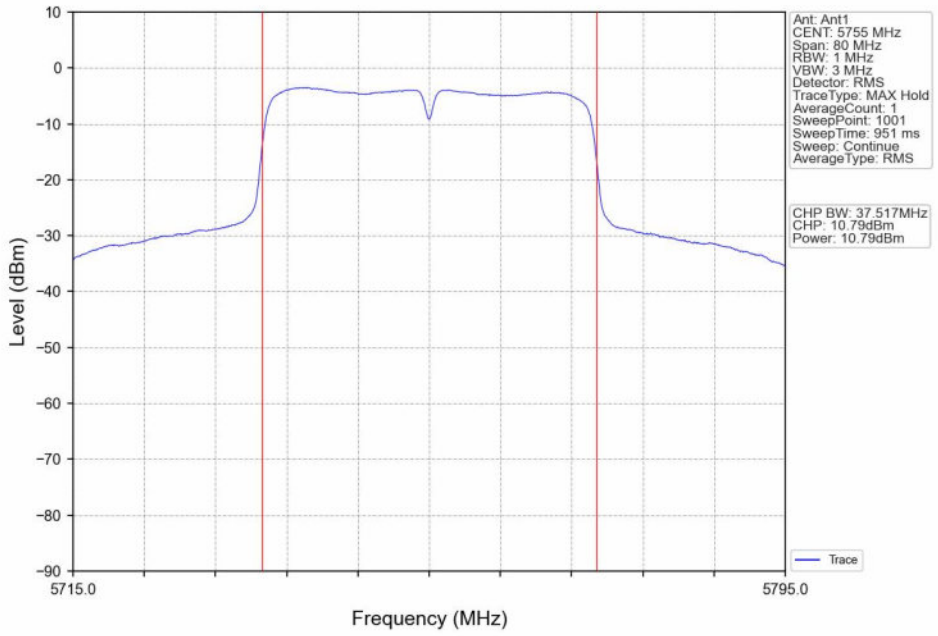
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



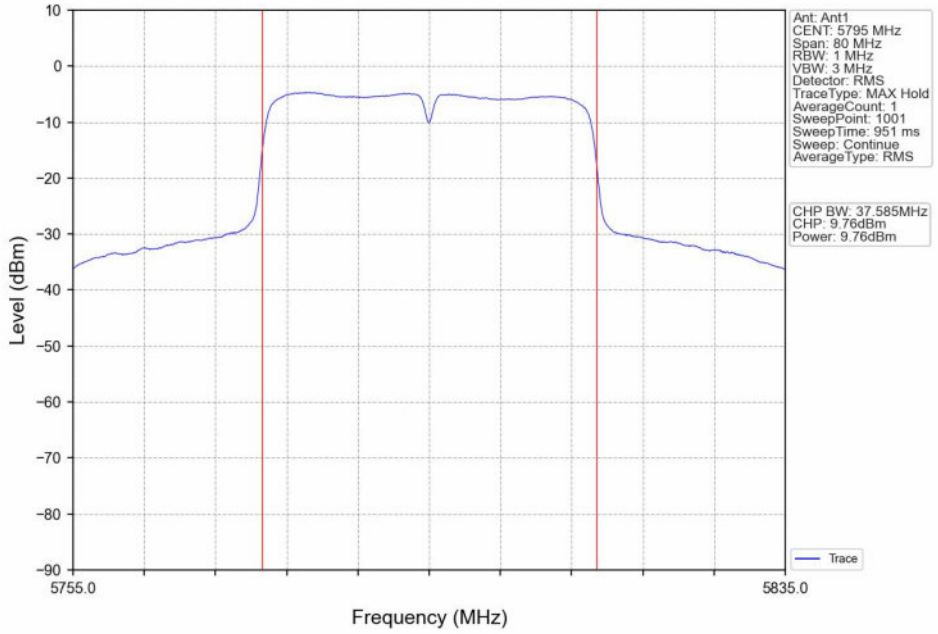

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



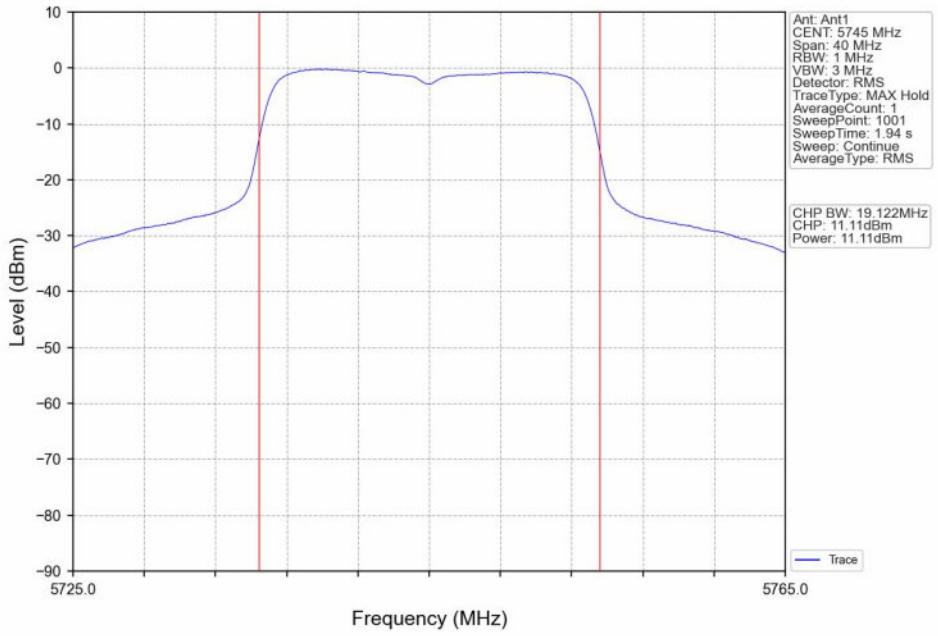
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



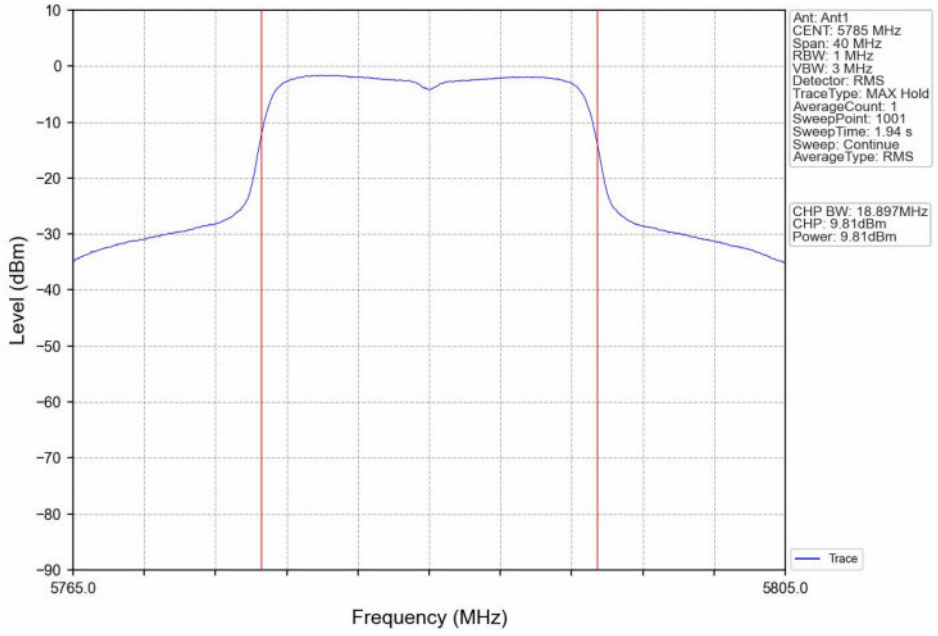

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



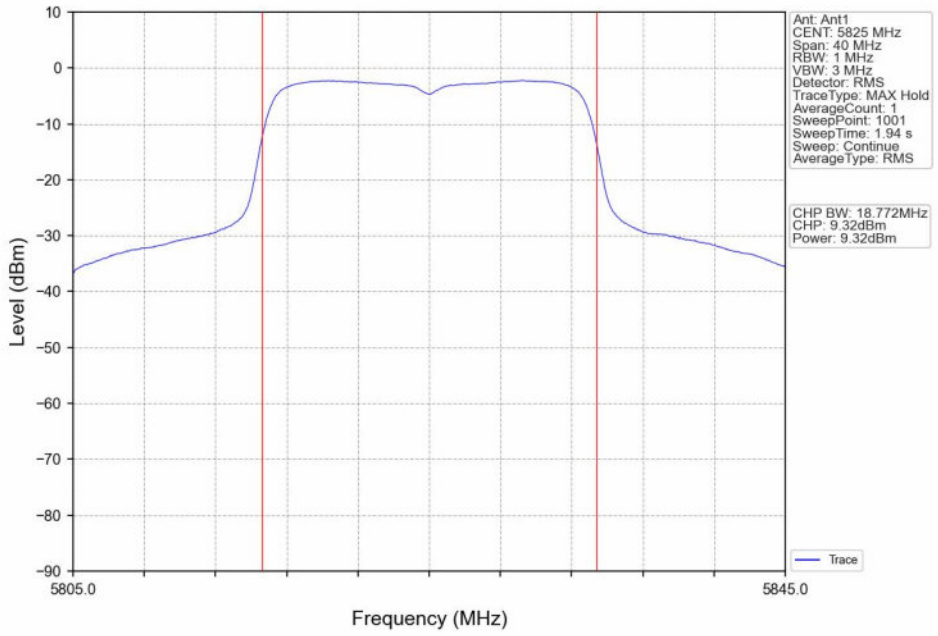
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



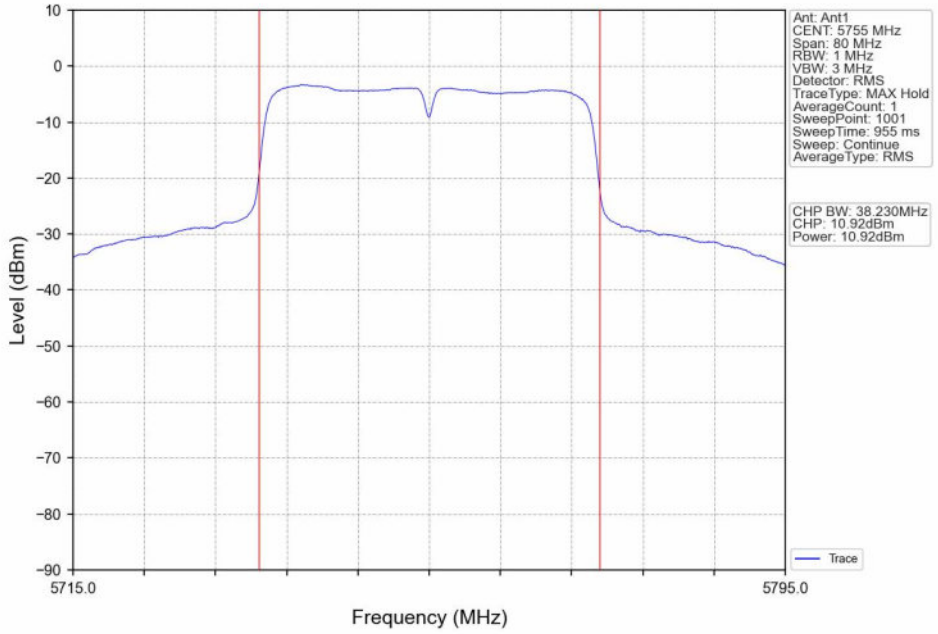

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



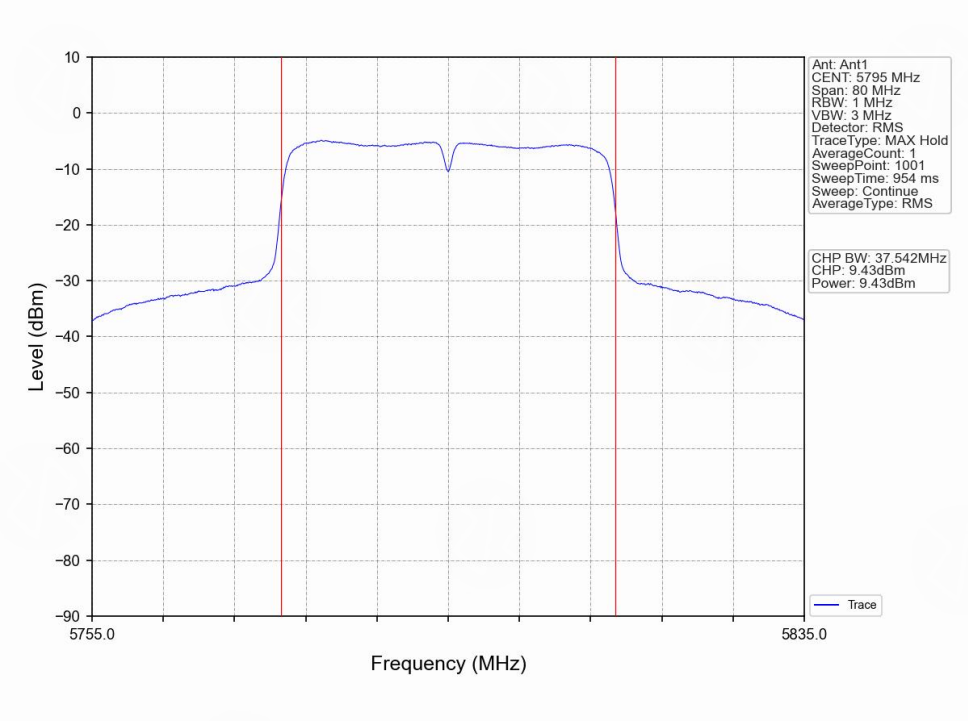
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



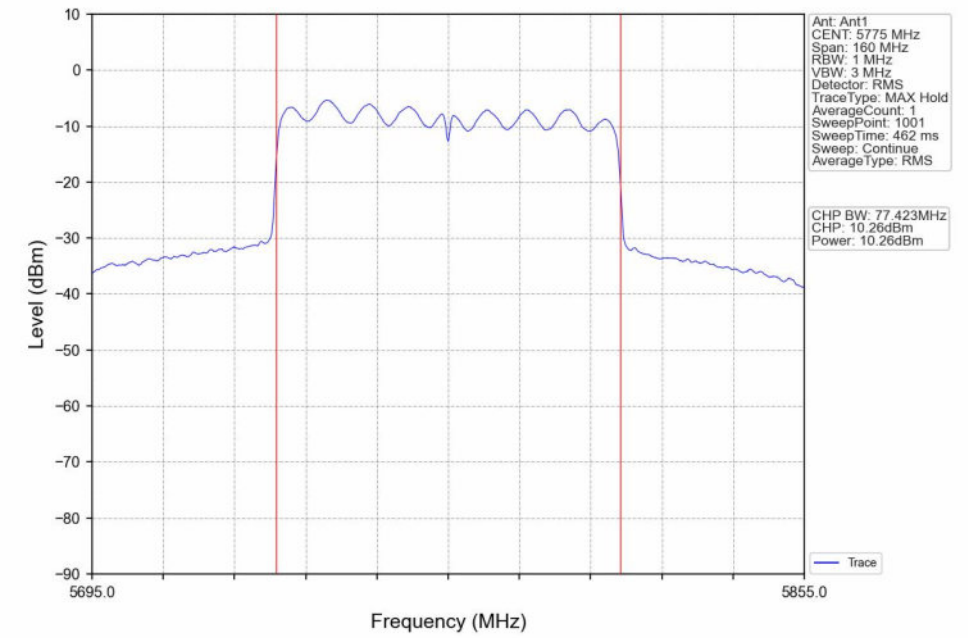

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



# 4. Maximum Power Spectral Density

## 4.1 PSD-Band3

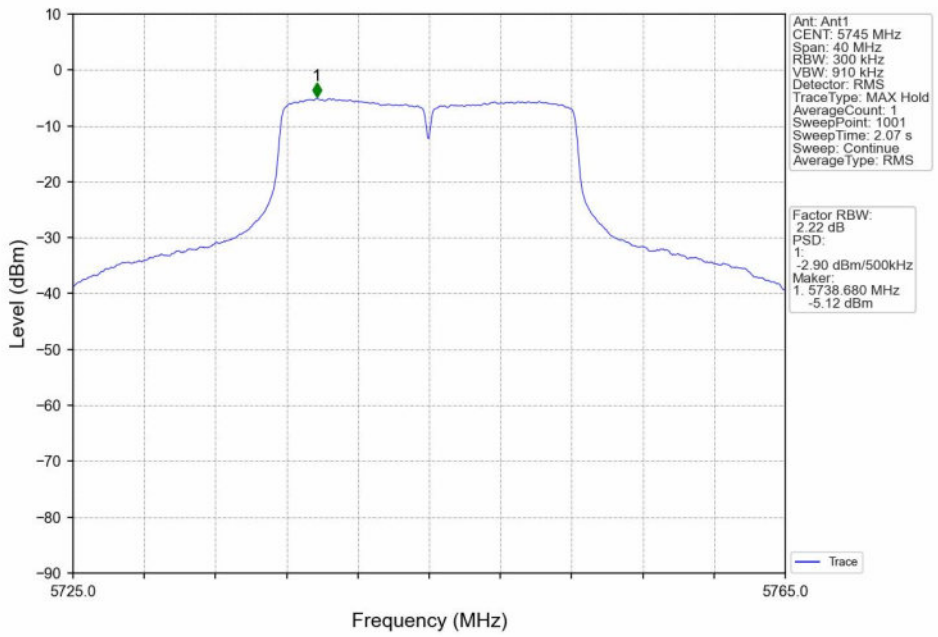
### 4.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/500kHz) | | Verdict |
|---|---|---|---|---|---|
| | | | ANT1 | Limit | |
| 802.11a | SISO | 5745 | -2.90 | <=30 | Pass |
| | | 5785 | -4.43 | <=30 | Pass |
| | | 5825 | -4.97 | <=30 | Pass |
| 802.11n (HT20) | SISO | 5745 | -3.06 | <=30 | Pass |
| | | 5785 | -4.68 | <=30 | Pass |
| | | 5825 | -5.24 | <=30 | Pass |
| 802.11n (HT40) | SISO | 5755 | -6.37 | <=30 | Pass |
| | | 5795 | -7.43 | <=30 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | -3.09 | <=30 | Pass |
| | | 5785 | -4.41 | <=30 | Pass |
| | | 5825 | -5.05 | <=30 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | -6.19 | <=30 | Pass |
| | | 5795 | -7.63 | <=30 | Pass |
| 802.11ac (VHT80) | SISO | 5775 | -7.85 | <=30 | Pass |
| Note1: Antenna Gain: Ant1: 4.00dBi; | | | | | |

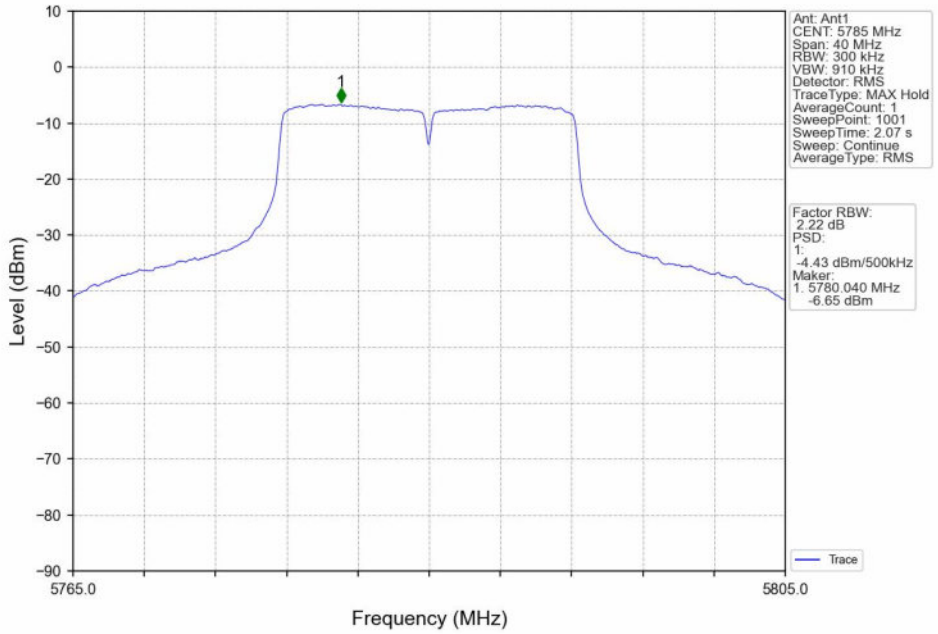
Note: The Duty Cycle Factor and RBW Factor is compensated in the graph.

## 4.1.2 Test Graph

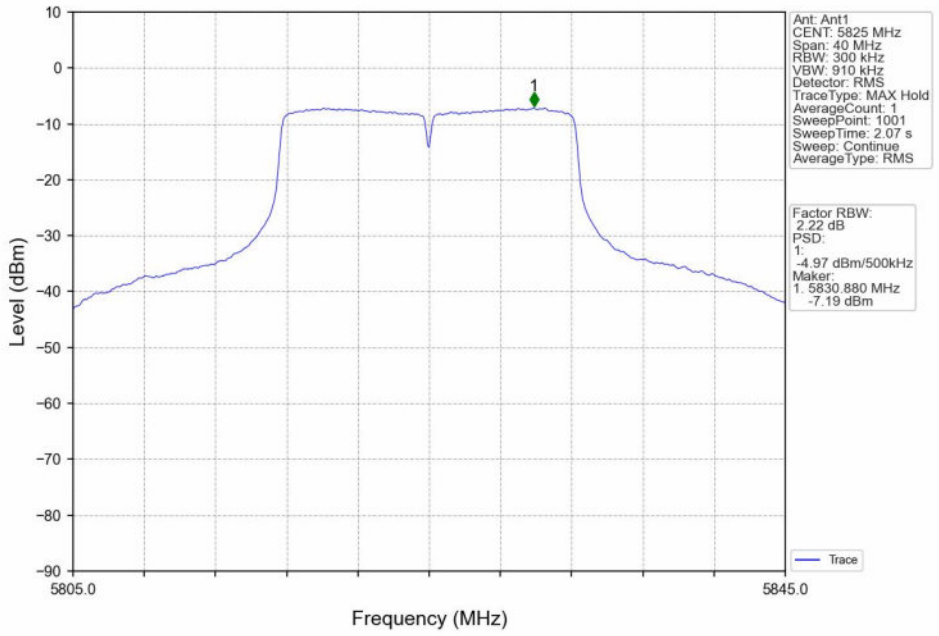
802.11a_LCH_5745MHz_Ant1_NTNV



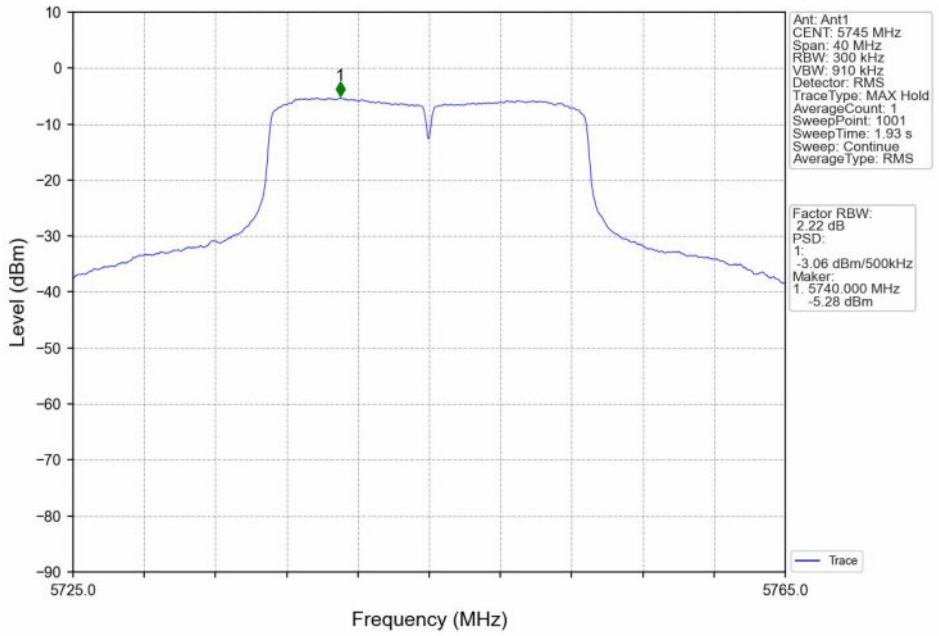

802.11a_MCH_5785MHz_Ant1_NTNV



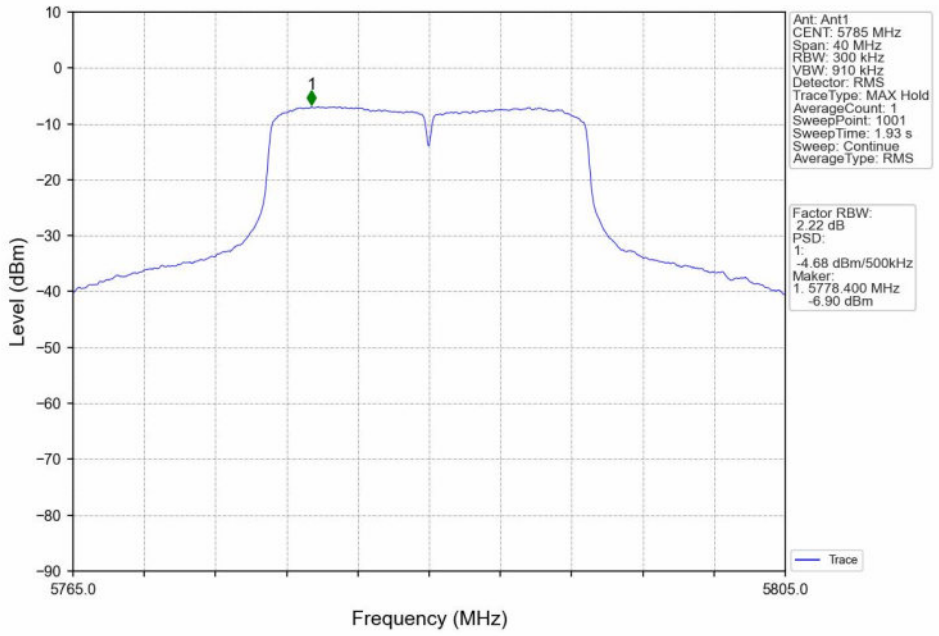
802.11a_HCH_5825MHz_Ant1_NTNV



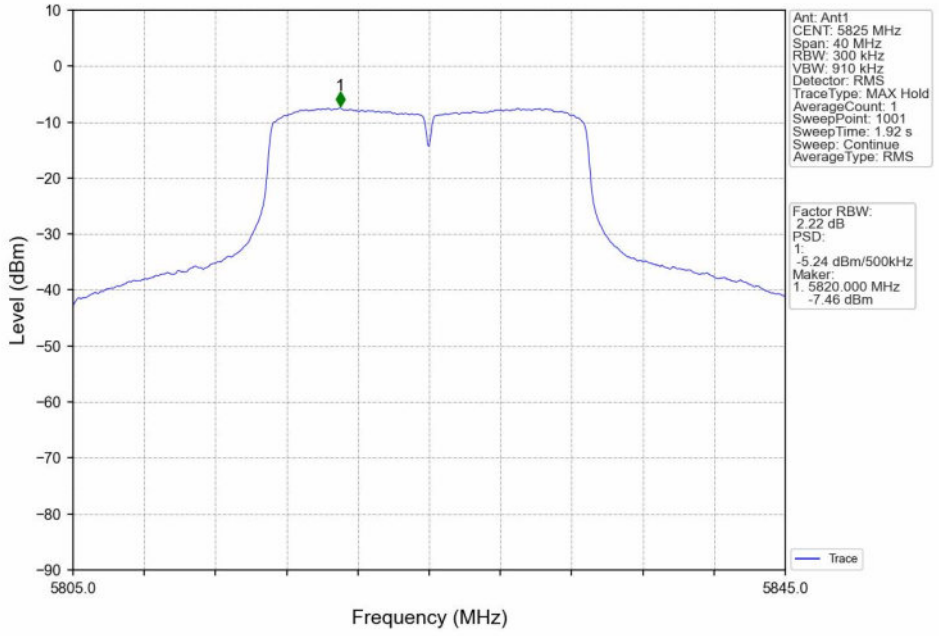

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



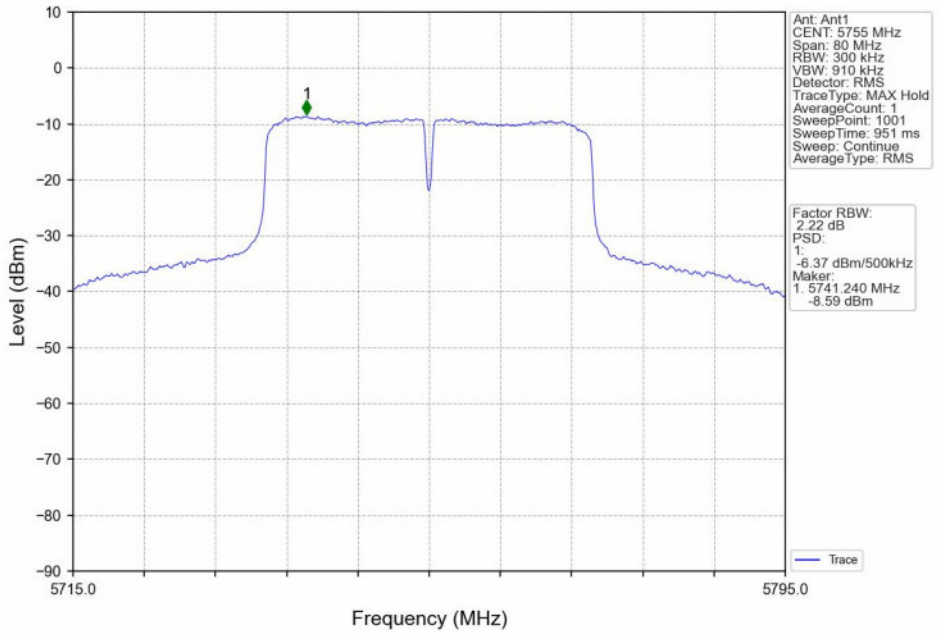
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



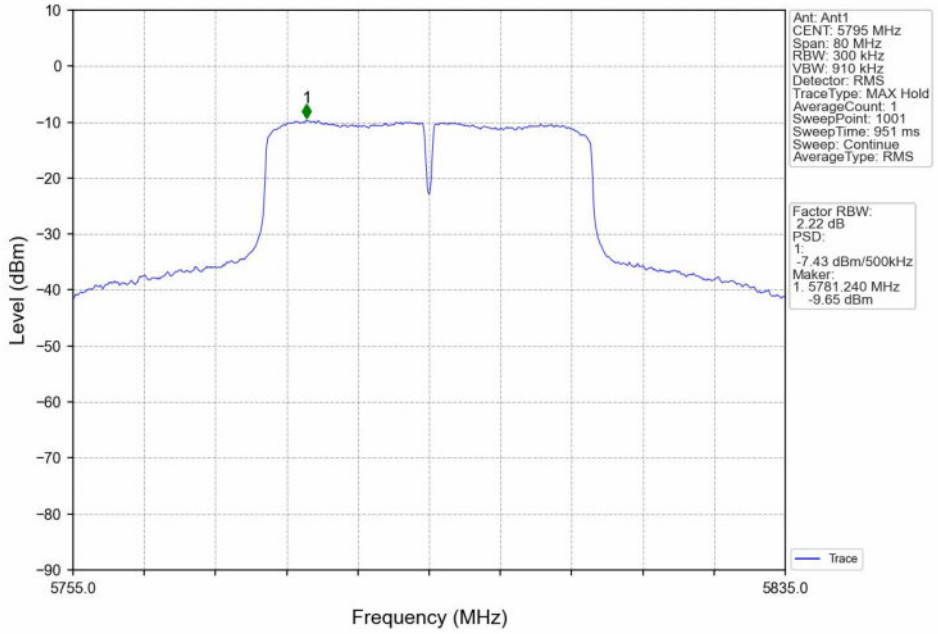

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



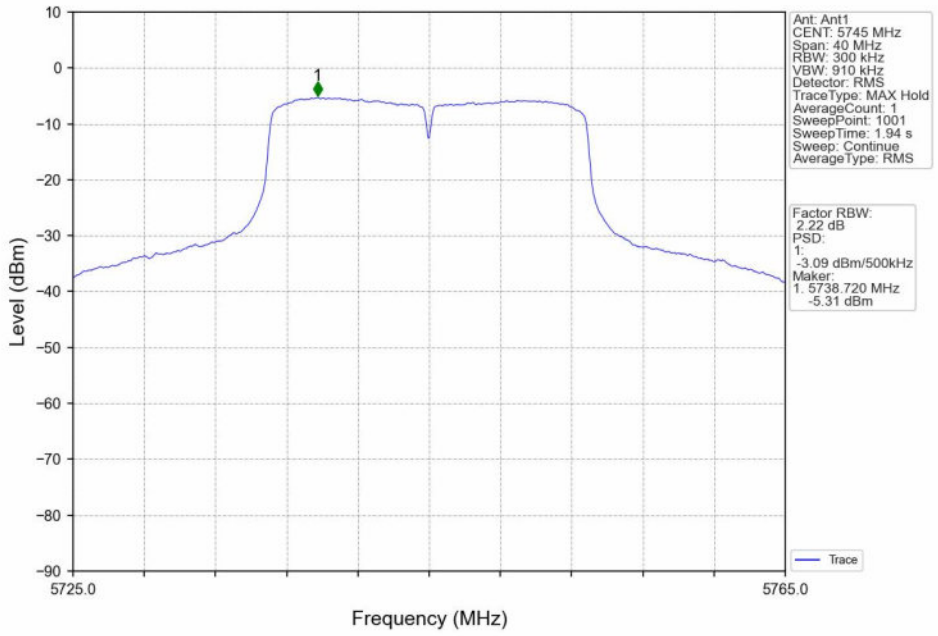
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



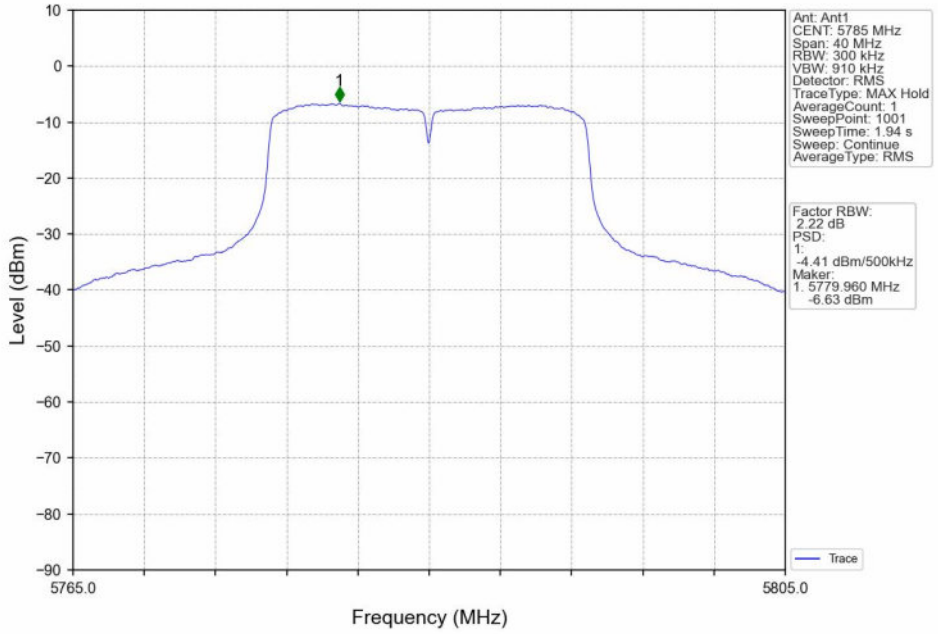

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



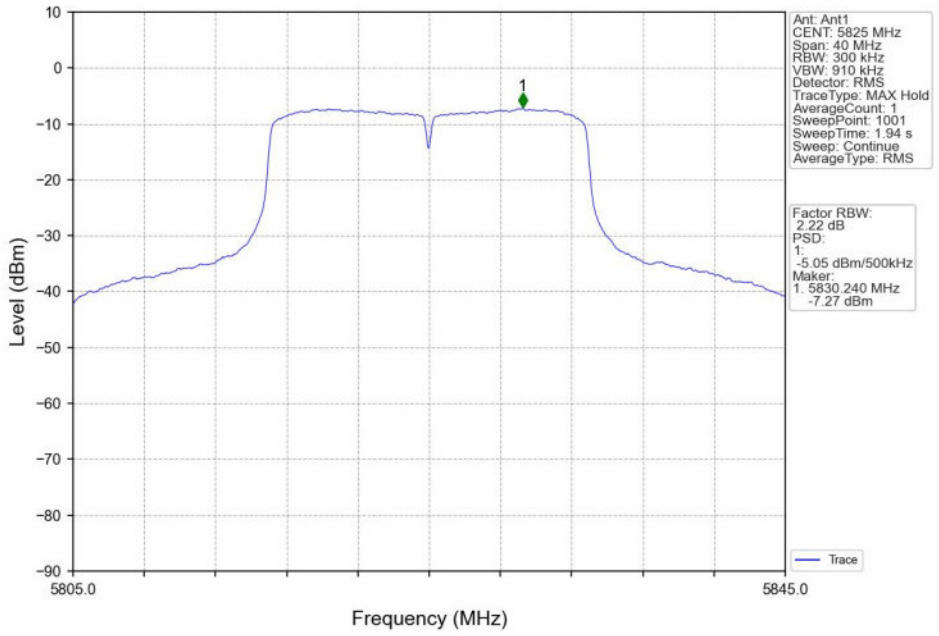
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



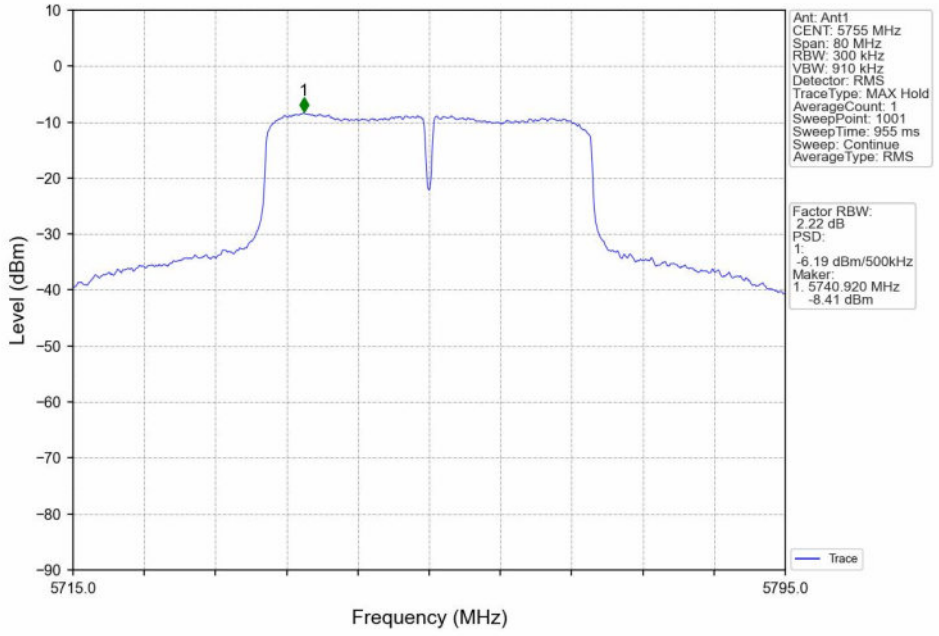

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



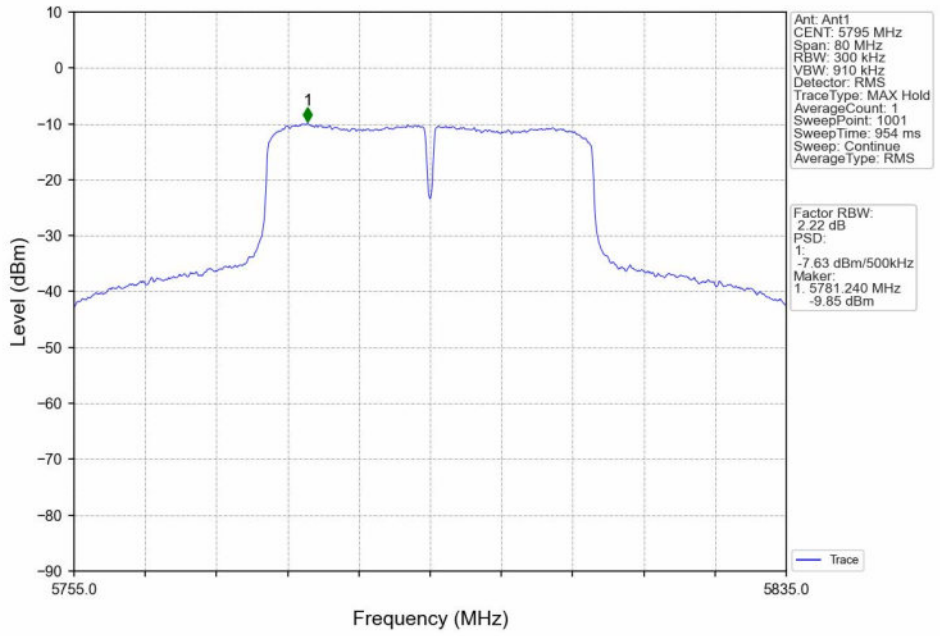
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



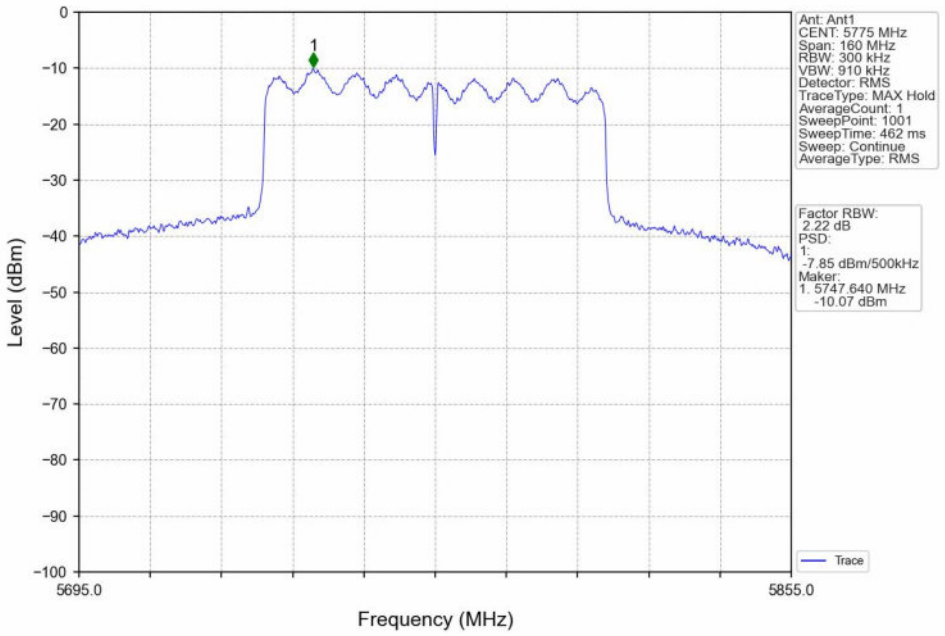

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV




802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



# 5. Frequency Stability

## 5.1 Ant1

### 5.1.1 Test Result

| Ant1 | | | | | | | |
|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VAC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
| 802.11a | SISO | 5745 | 20 | 102 | 5744.920 | 5725 to 5850 | Pass |
| | | | | 120 | 5744.960 | 5725 to 5850 | Pass |
| | | | | 138 | 5744.920 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5744.960 | 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 | 5744.960 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5744.940 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5744.920 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5744.960 | 5725 to 5850 | Pass |
| | | 5785 | 20 | 102 | 5784.980 | 5725 to 5850 | Pass |
| | | | | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | | 138 | 5785.020 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5784.960 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5784.940 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5784.920 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5785.020 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5785.000 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | 5825 | 20 | 102 | 5824.980 | 5725 to 5850 | Pass |
| | | | | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | | 138 | 5825.000 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5824.960 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5824.960 | 5725 to 5850 | Pass |
| 802.11n (HT20) | SISO | 5745 | 20 | 102 | 5745.020 | 5725 to 5850 | Pass |
| | | | | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | | 138 | 5744.940 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5745.020 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5745.000 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5745.000 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5744.960 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5744.940 | 5725 to 5850 | Pass |
| | | 5785 | 20 | 102 | 5785.000 | 5725 to 5850 | Pass |
| | | | | 120 | 5784.980 | 5725 to 5850 | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | | 138 | 5784.960 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5785.000 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5784.940 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5784.980 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5784.960 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5784.900 | 5725 to 5850 | Pass |
| | | 5825 | 20 | 102 | 5824.940 | 5725 to 5850 | Pass |
| | | | | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | | 138 | 5824.940 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5825.040 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5825.040 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5824.940 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5824.980 | 5725 to 5850 | Pass |
| 802.11n (HT40) | SISO | 5755 | 20 | 102 | 5754.960 | 5725 to 5850 | Pass |
| | | | | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | | 138 | 5754.920 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5755.000 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5755.000 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5754.960 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5754.920 | 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 | 5794.960 | 5725 to 5850 | Pass |
| | | | | 138 | 5794.960 | 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 | 5794.960 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5794.960 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5794.920 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5794.960 | 5725 to 5850 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 20 | 102 | 5744.980 | 5725 to 5850 | Pass |
| | | | | 120 | 5744.900 | 5725 to 5850 | Pass |
| | | | | 138 | 5744.920 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5745.000 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5744.980 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5744.900 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5744.940 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5744.900 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5744.940 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5744.960 | 5725 to 5850 | Pass |
| | | 5785 | 20 | 102 | 5784.920 | 5725 to 5850 | Pass |
| | | | | 120 | 5784.940 | 5725 to 5850 | Pass |
| | | | | 138 | 5784.940 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5785.000 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5784.960 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5784.900 | 5725 to 5850 | Pass |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | | 0 | 120 | 5784.960 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5784.960 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5785.000 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5784.940 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5784.920 | 5725 to 5850 | Pass |
| | | 5825 | 20 | 102 | 5824.920 | 5725 to 5850 | Pass |
| | | | | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | | 138 | 5824.940 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5824.960 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5824.920 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5825.000 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5824.980 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5824.940 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5824.940 | 5725 to 5850 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 20 | 102 | 5754.840 | 5725 to 5850 | Pass |
| | | | | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | | 138 | 5754.960 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5754.840 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5754.960 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5754.920 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5754.960 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5754.840 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5754.840 | 5725 to 5850 | Pass |
| | | 5795 | 20 | 102 | 5795.000 | 5725 to 5850 | Pass |
| | | | | 120 | 5794.960 | 5725 to 5850 | Pass |
| | | | | 138 | 5795.000 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5795.040 | 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 | 5795.000 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5794.960 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5795.000 | 5725 to 5850 | Pass |
| 802.11ac (VHT80) | SISO | 5775 | 20 | 102 | 5774.850 | 5725 to 5850 | Pass |
| | | | | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | | 138 | 5774.925 | 5725 to 5850 | Pass |
| | | | -30 | 120 | 5774.925 | 5725 to 5850 | Pass |
| | | | -20 | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | -10 | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | 0 | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | 10 | 120 | 5774.925 | 5725 to 5850 | Pass |
| | | | 30 | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | 40 | 120 | 5774.850 | 5725 to 5850 | Pass |
| | | | 50 | 120 | 5774.850 | 5725 to 5850 | Pass |

# 6. Form731

## 6.1 Form731

### 6.1.1 Test Result

| Lower Freq (MHz) | High Freq (MHz) | MAX Power (W) | MAX Power (dBm) |
|---|---|---|---|
| 5745 | 5825 | 0.0134 | 11.27 |
| 5755 | 5795 | 0.0124 | 10.92 |
| 5775 | 5775 | 0.0106 | 10.26 |