

Test Data for 5G_BAND1

Product Name: MaaXBoard RT

Test Model: AES-MC-SBC-IMXRT1176-G

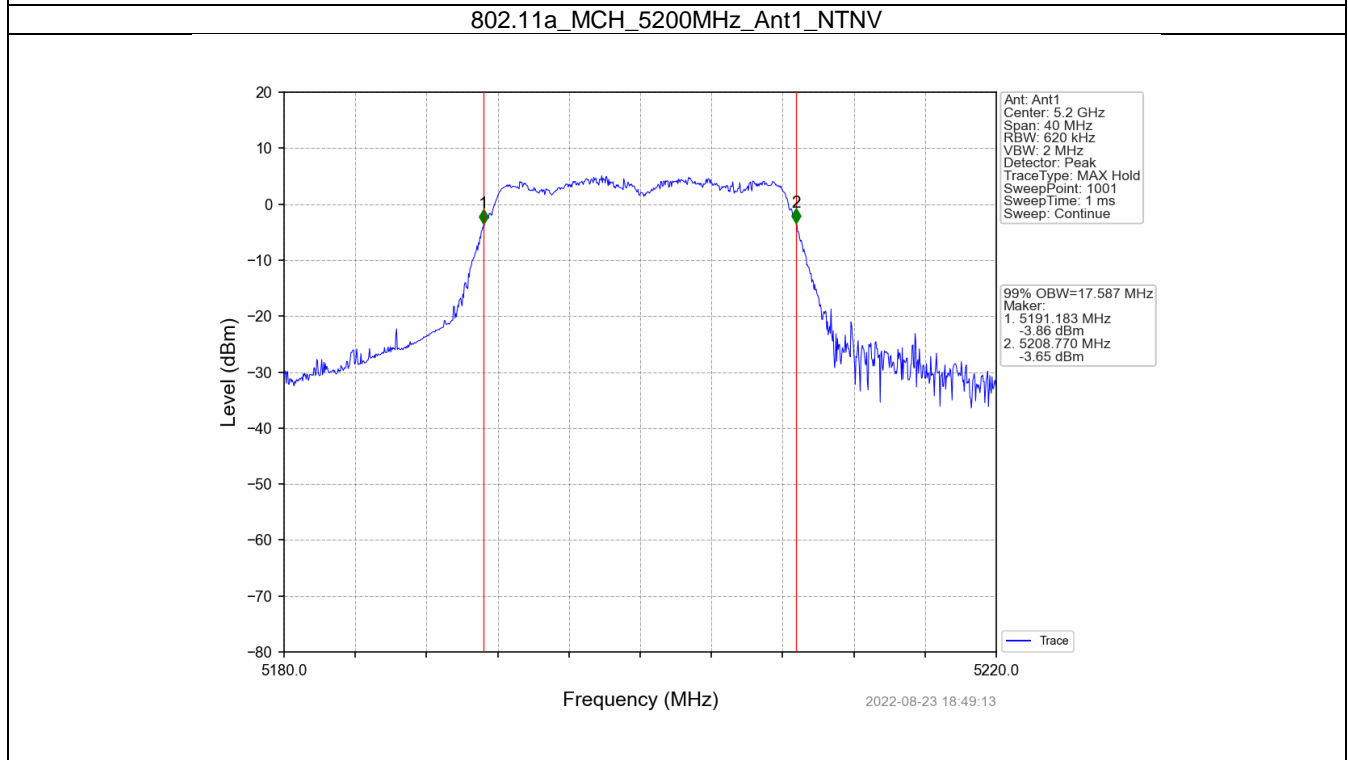
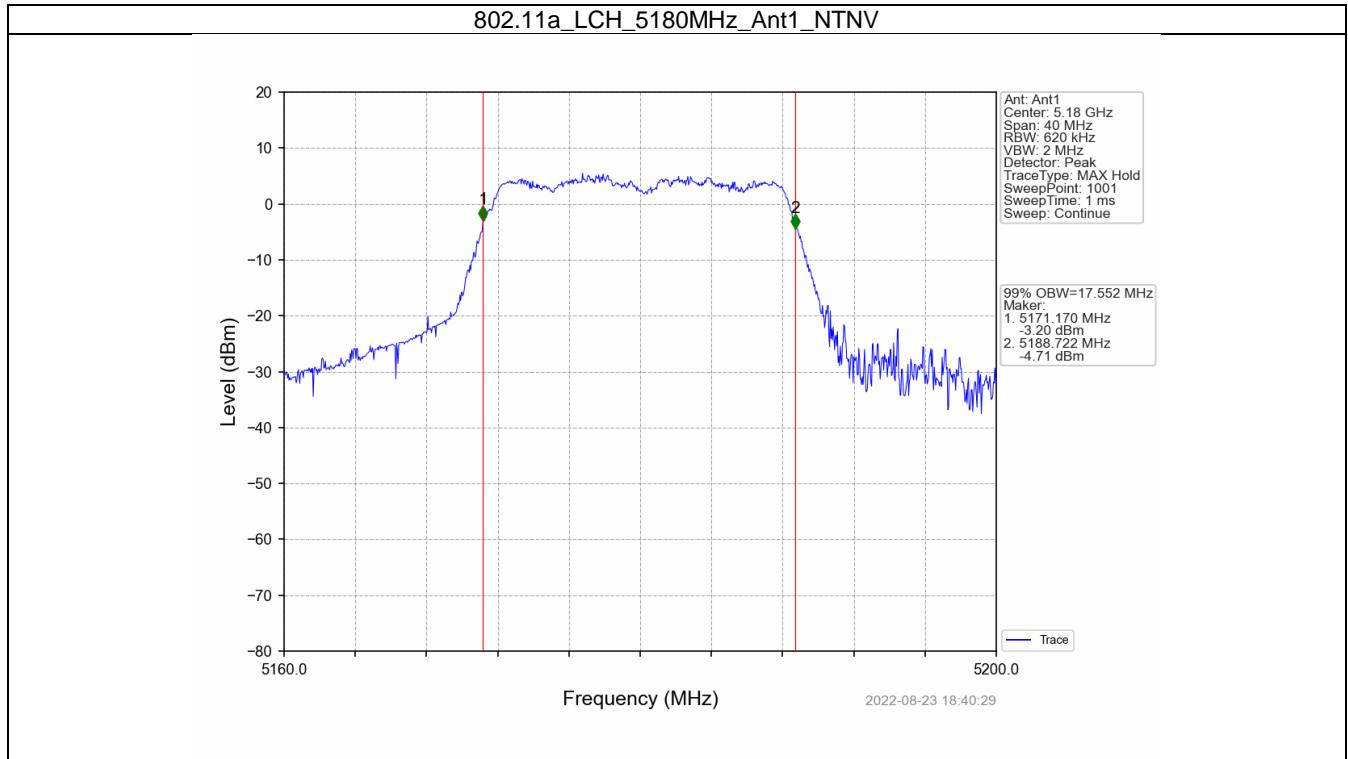
1. Bandwidth

1.1 OBW

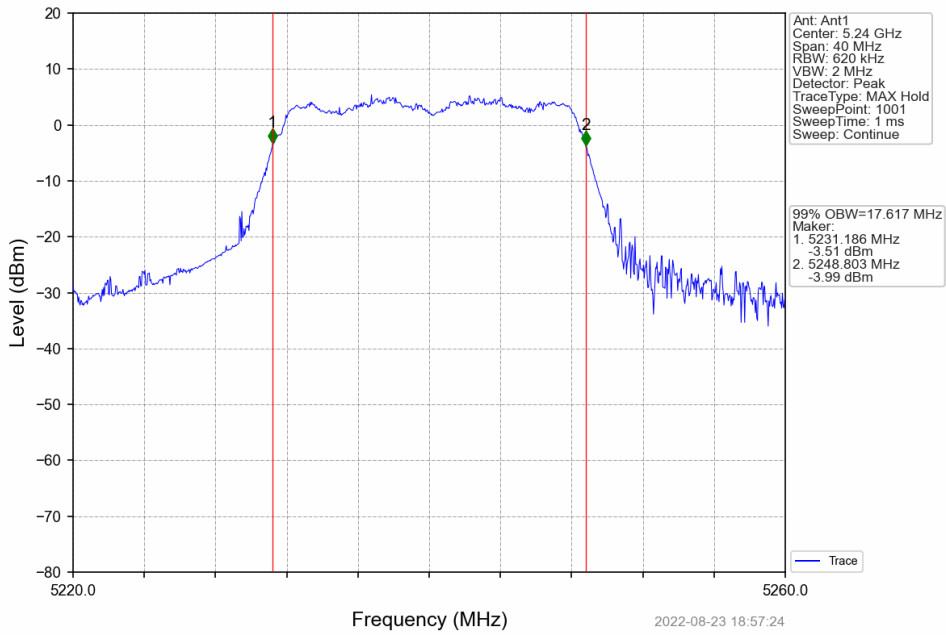
1.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 99% Occupied Bandwidth (MHz) | Verdict |
|------------------|---------|-----------------|-----|------------------------------|---------|
| | | | | Result | |
| 802.11a | SISO | 5180 | 1 | 17.552 | Pass |
| | | 5200 | 1 | 17.587 | Pass |
| | | 5240 | 1 | 17.617 | Pass |
| 802.11n (HT20) | SISO | 5180 | 1 | 18.210 | Pass |
| | | 5200 | 1 | 18.189 | Pass |
| | | 5240 | 1 | 18.201 | Pass |
| 802.11n (HT40) | SISO | 5190 | 1 | 36.911 | Pass |
| | | 5230 | 1 | 36.955 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 1 | 18.209 | Pass |
| | | 5200 | 1 | 18.202 | Pass |
| | | 5240 | 1 | 18.193 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 1 | 36.938 | Pass |
| | | 5230 | 1 | 36.840 | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 1 | 76.998 | Pass |

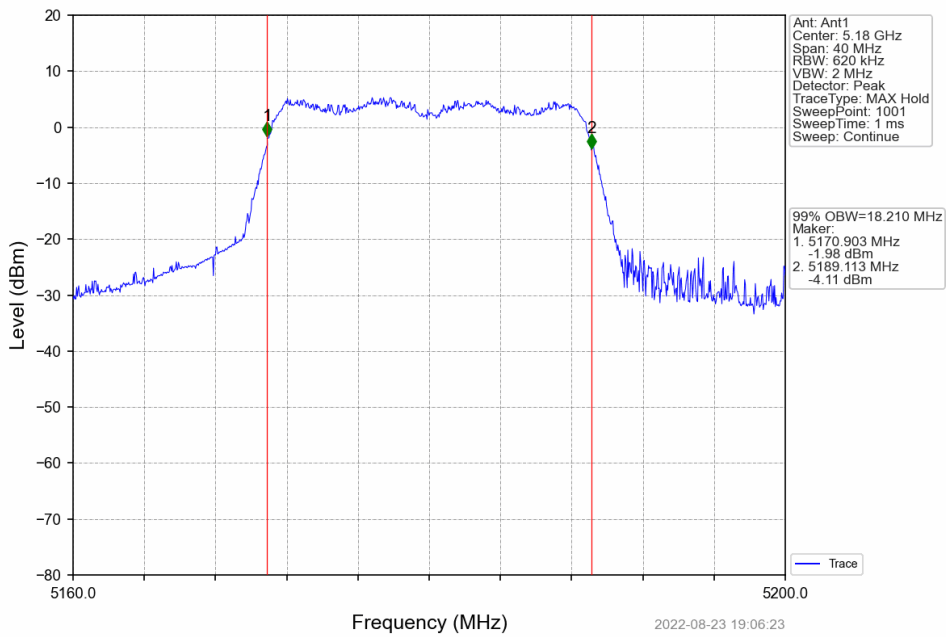
1.1.2 Test Graph



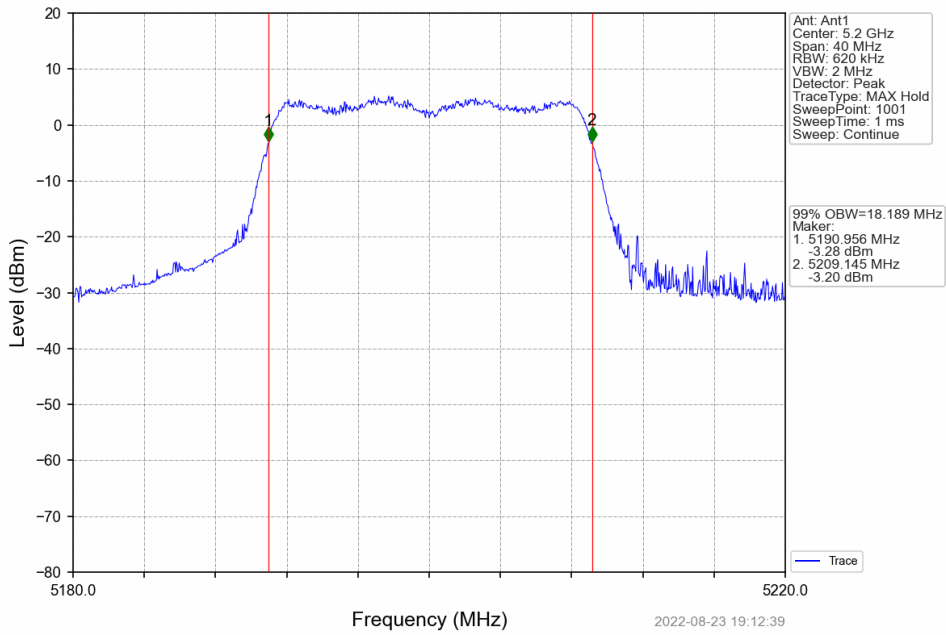
802.11a_HCH_5240MHz_Ant1_NTNV



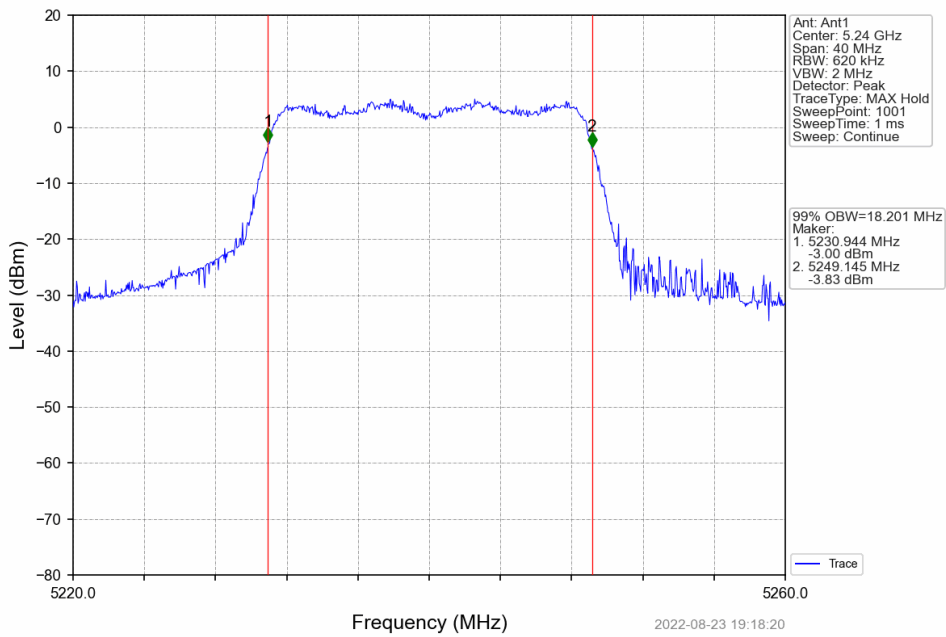
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



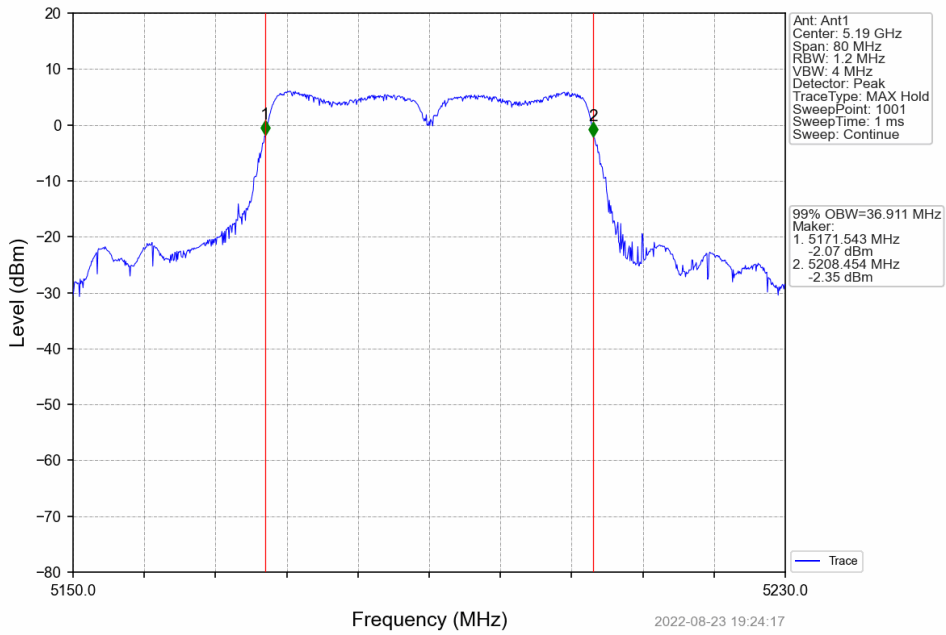
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



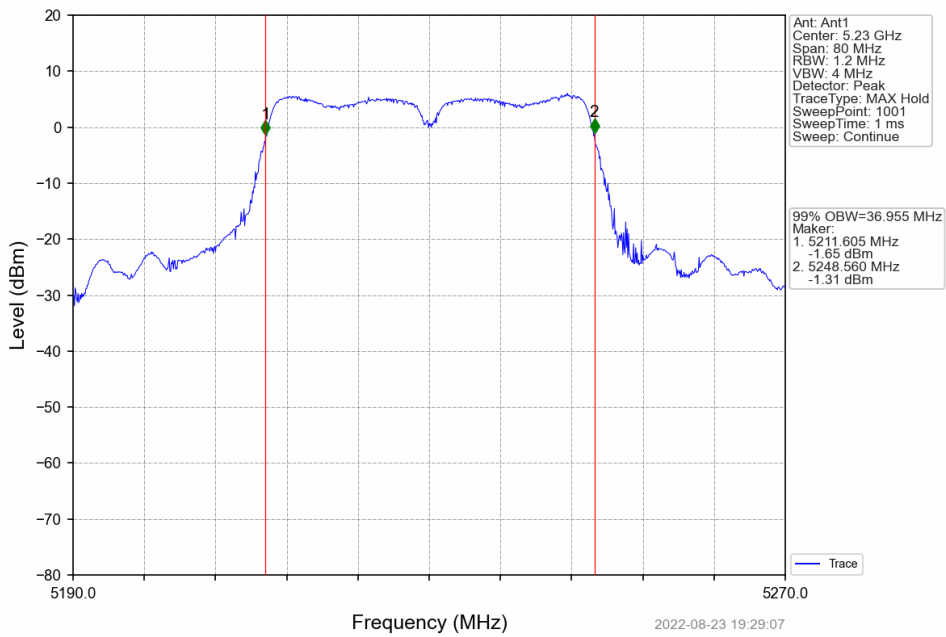
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



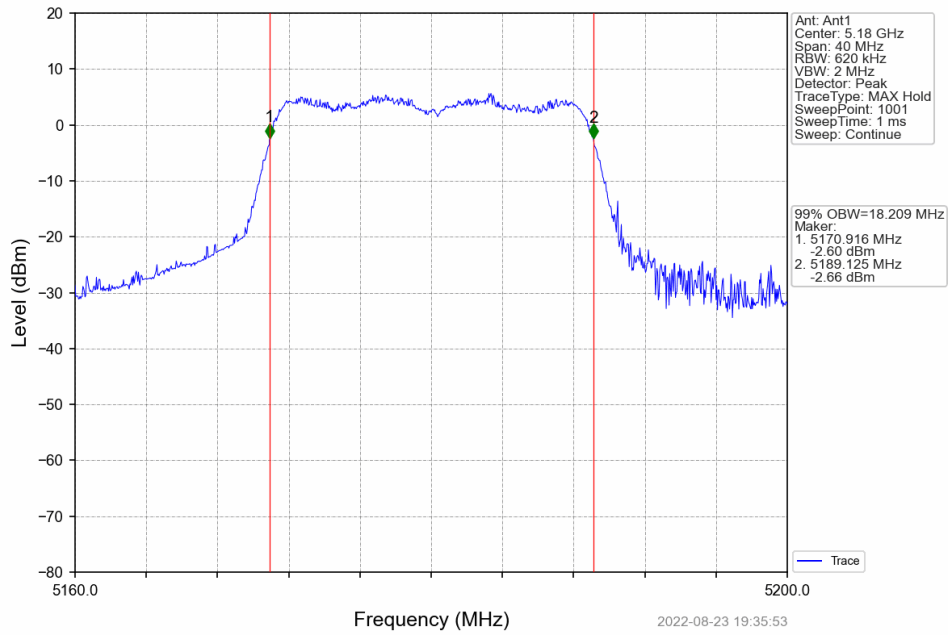
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



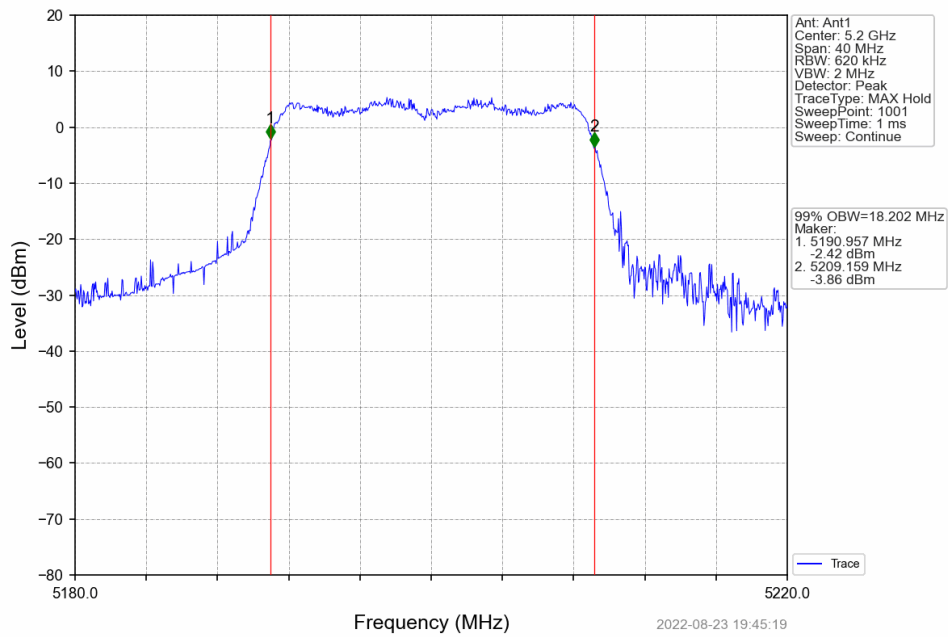
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



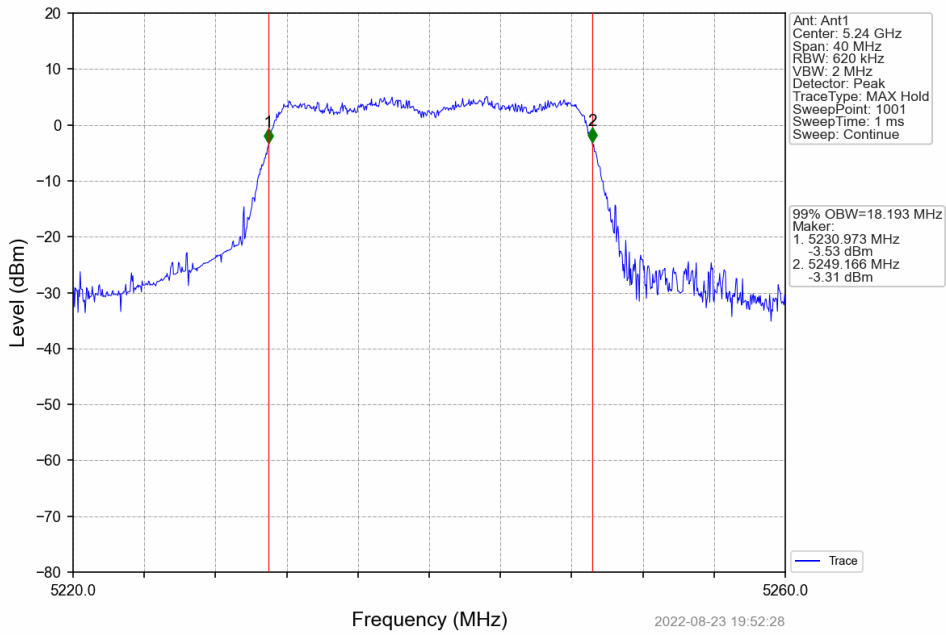
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



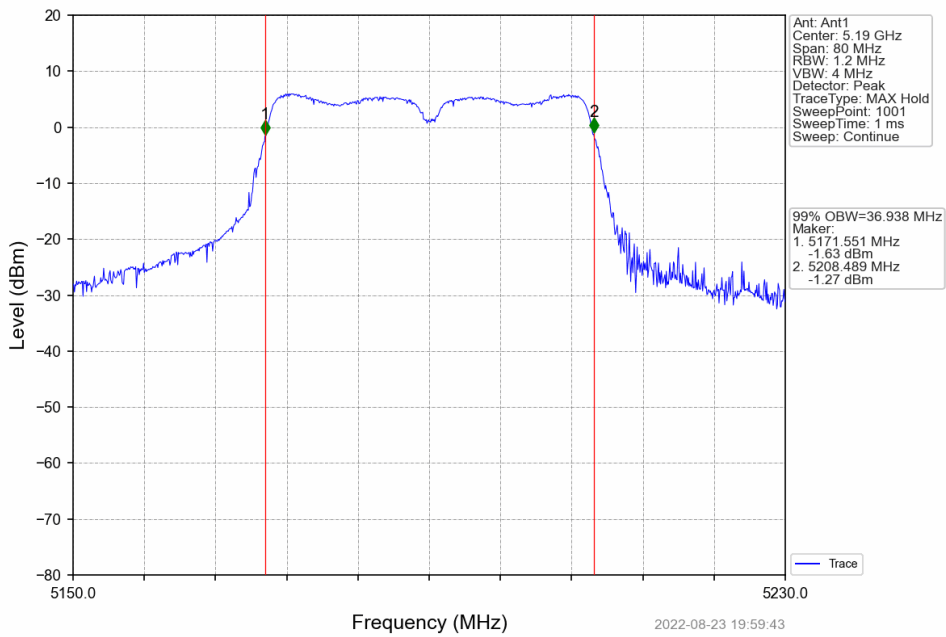
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



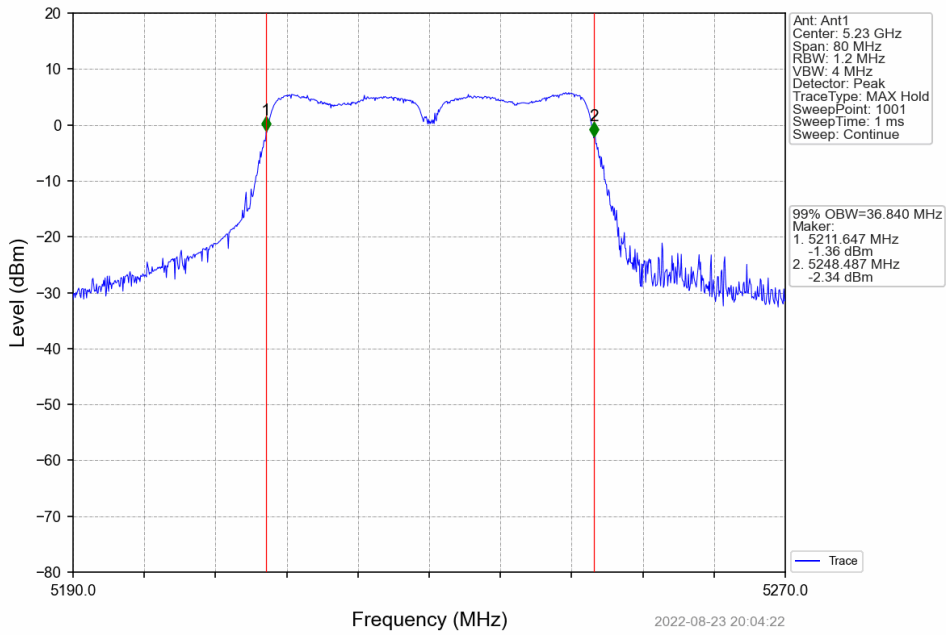
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



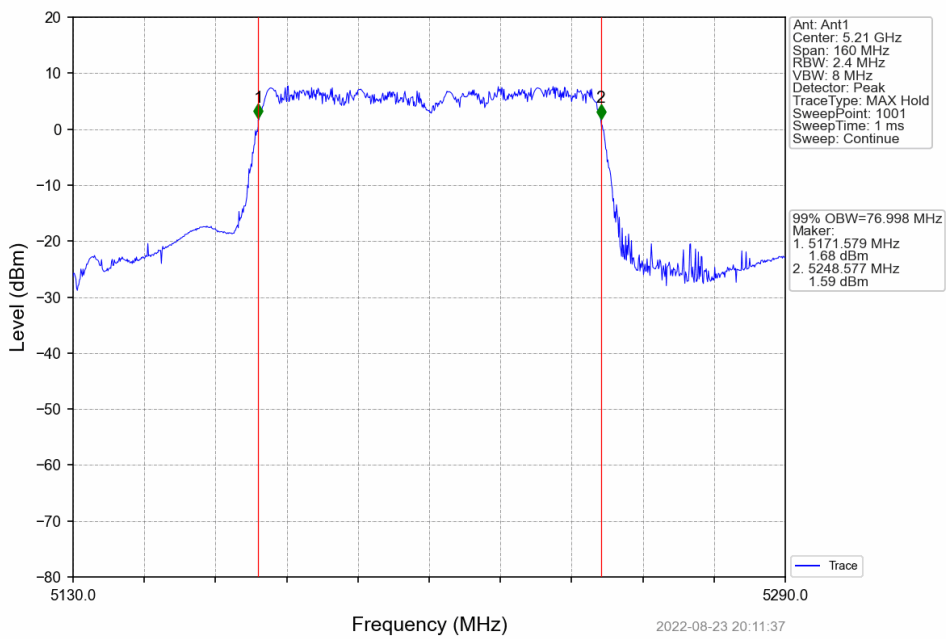
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

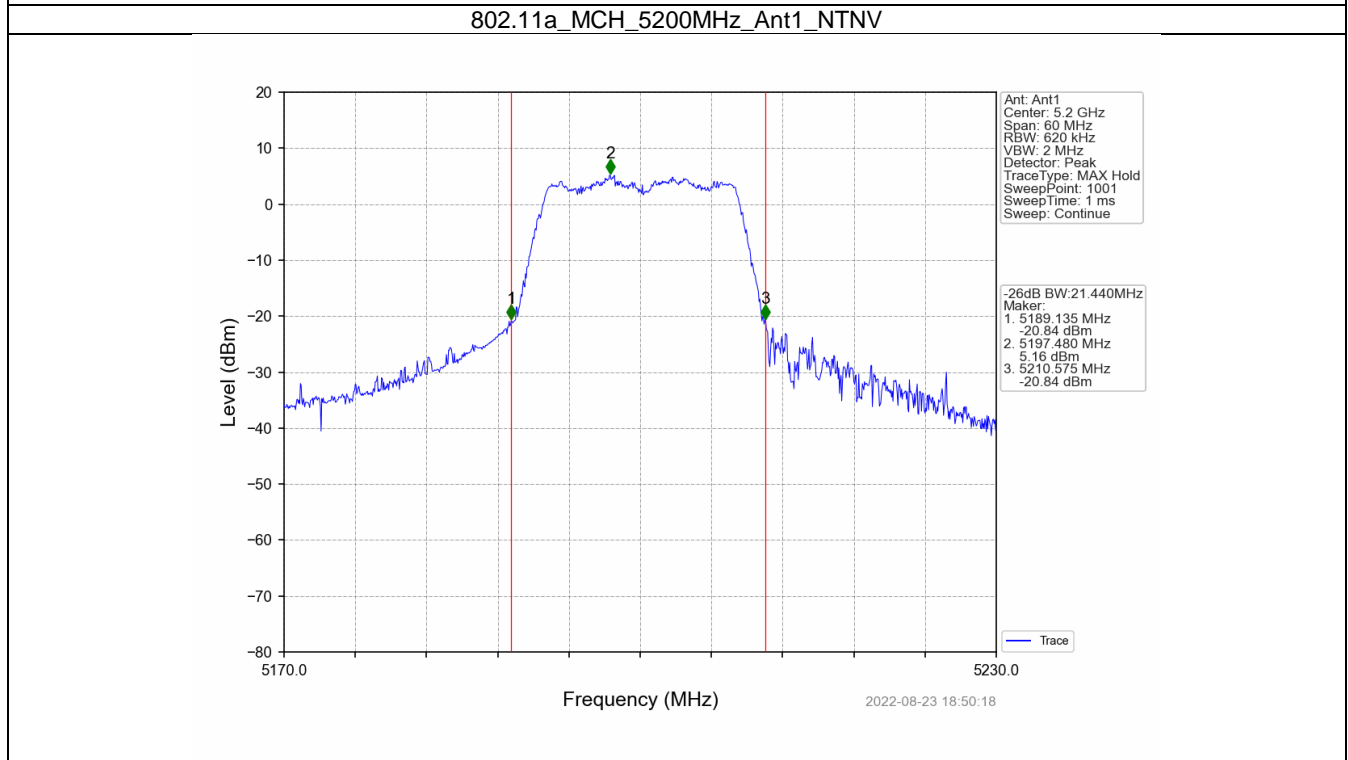
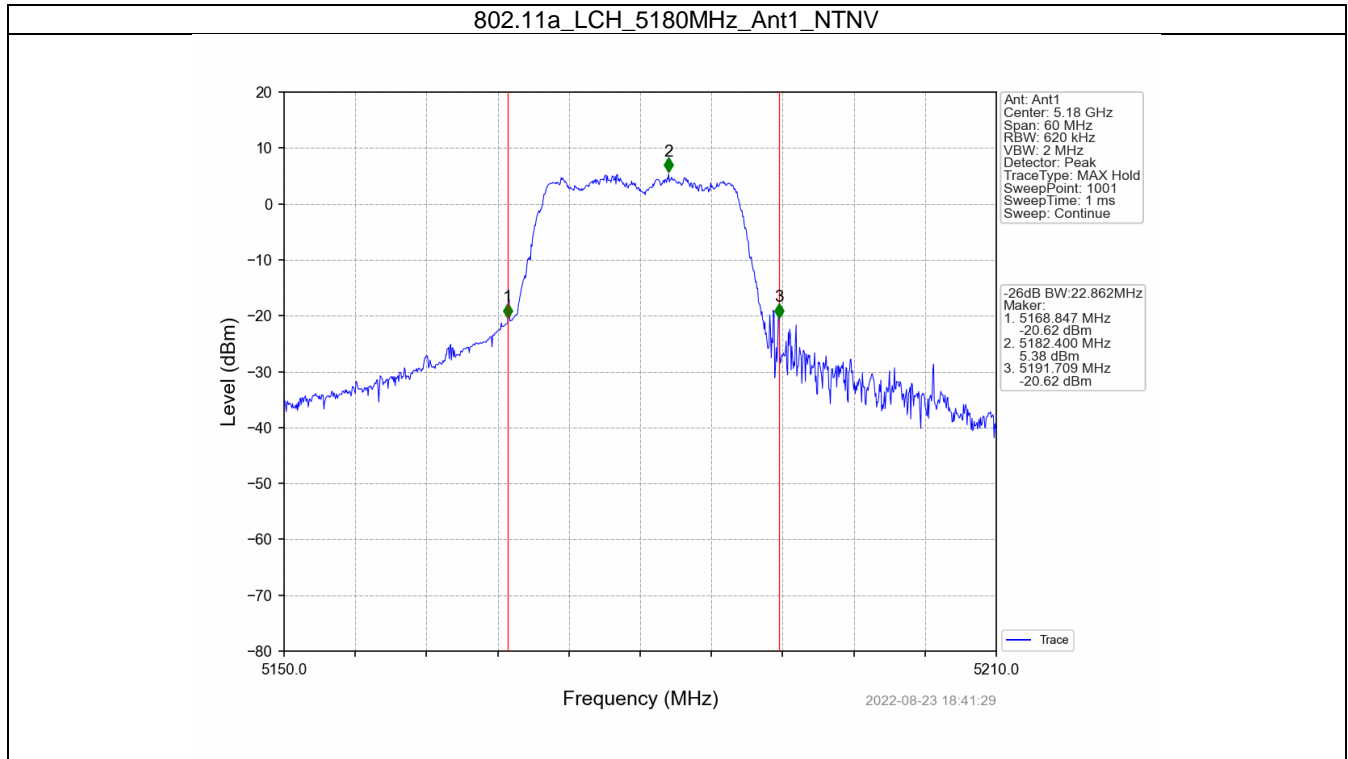


1.2 26dB BW

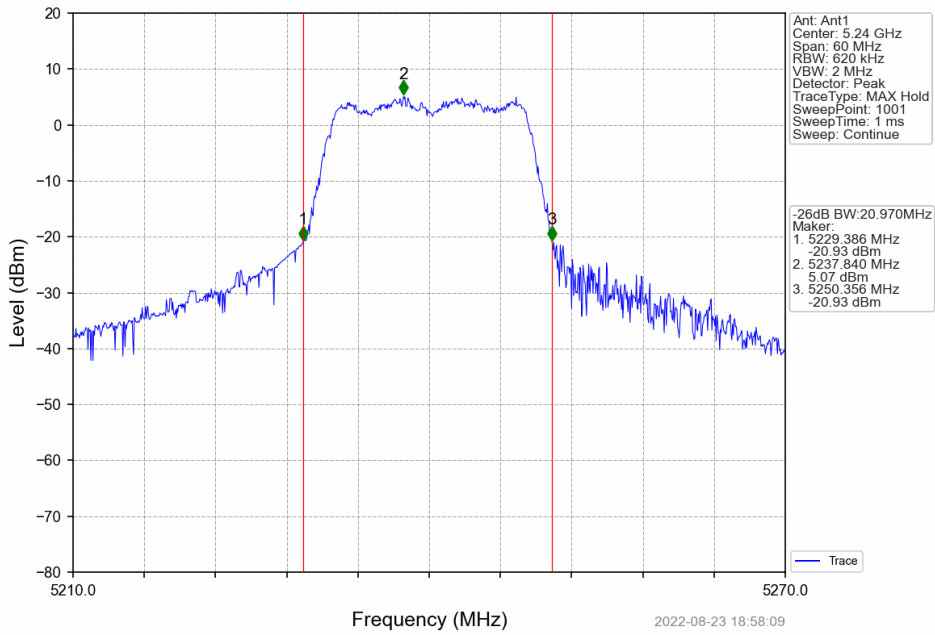
1.2.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) | Verdict |
|------------------|---------|-----------------|-----|----------------------|---------|
| | | | | Result | |
| 802.11a | SISO | 5180 | 1 | 22.862 | Pass |
| | | 5200 | 1 | 21.440 | Pass |
| | | 5240 | 1 | 20.970 | Pass |
| 802.11n (HT20) | SISO | 5180 | 1 | 23.341 | Pass |
| | | 5200 | 1 | 21.853 | Pass |
| | | 5240 | 1 | 21.395 | Pass |
| 802.11n (HT40) | SISO | 5190 | 1 | 45.258 | Pass |
| | | 5230 | 1 | 46.138 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 1 | 26.435 | Pass |
| | | 5200 | 1 | 21.951 | Pass |
| | | 5240 | 1 | 21.855 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 1 | 44.838 | Pass |
| | | 5230 | 1 | 44.298 | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 1 | 94.813 | Pass |

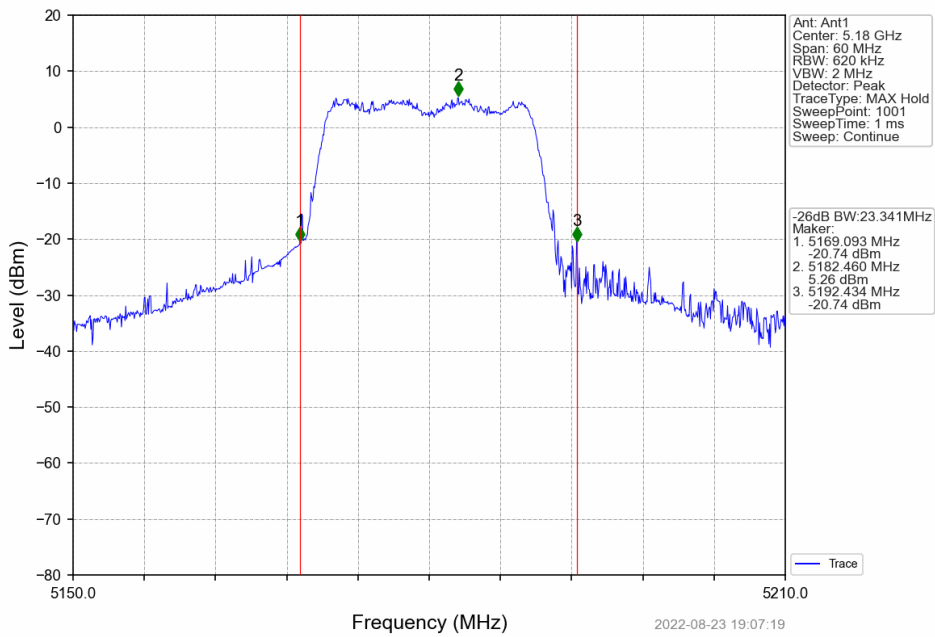
1.2.2 Test Graph



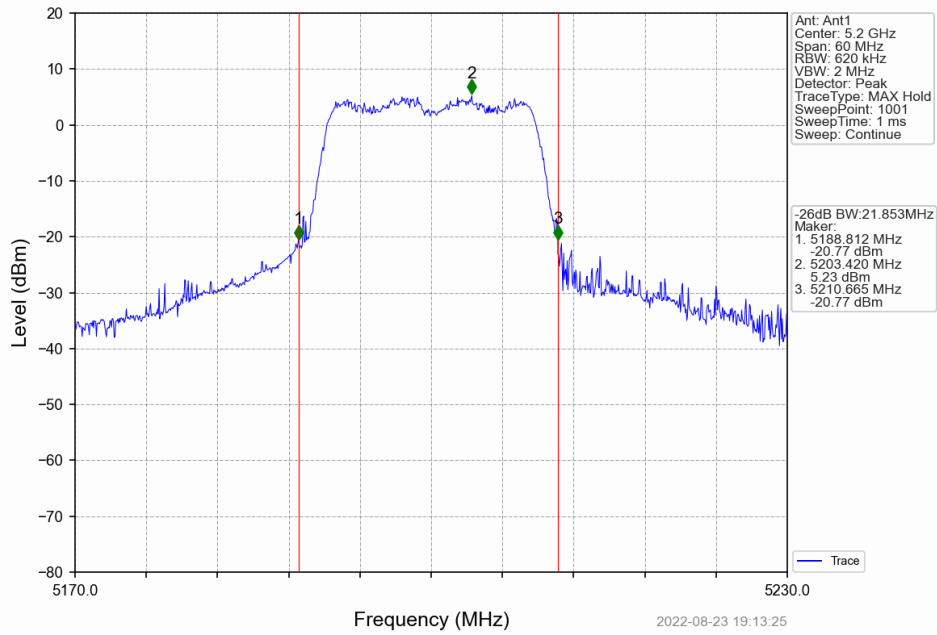
802.11a_HCH_5240MHz_Ant1_NTNV



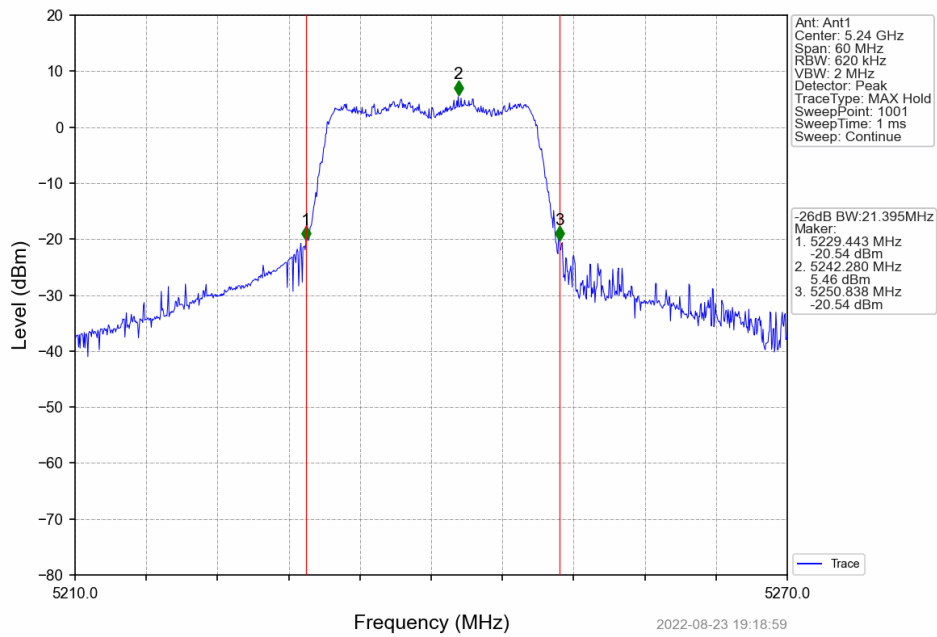
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



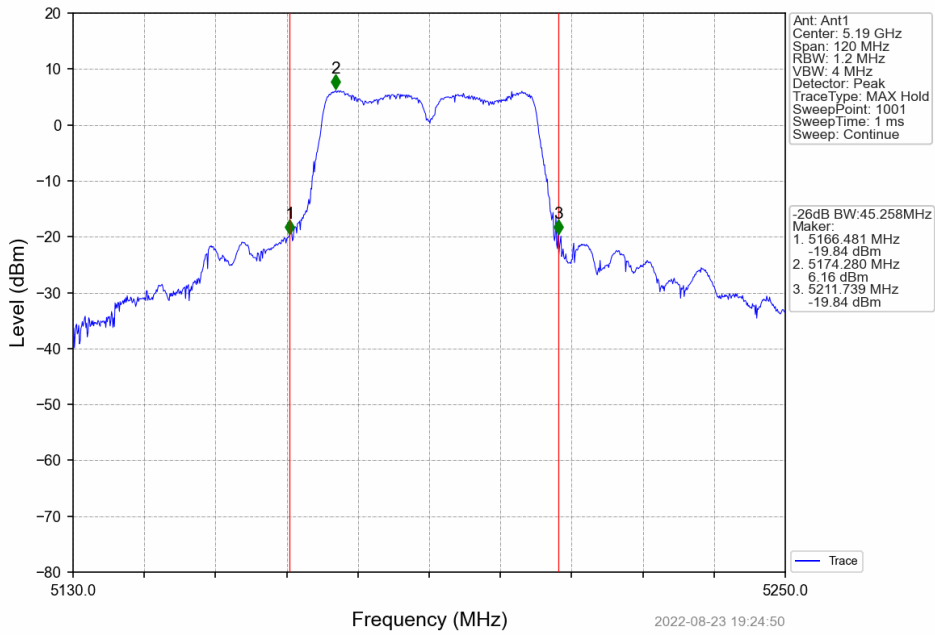
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



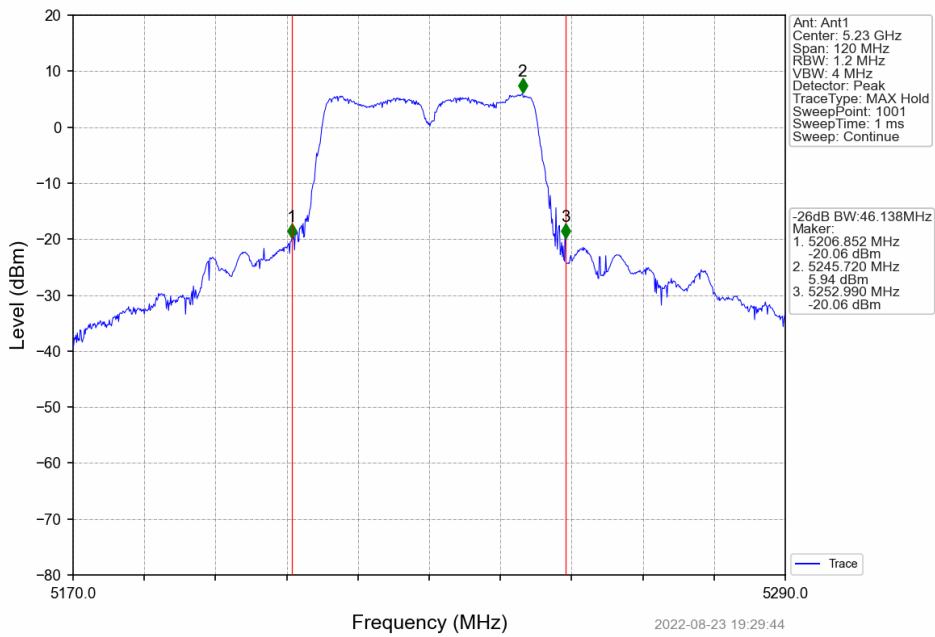
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



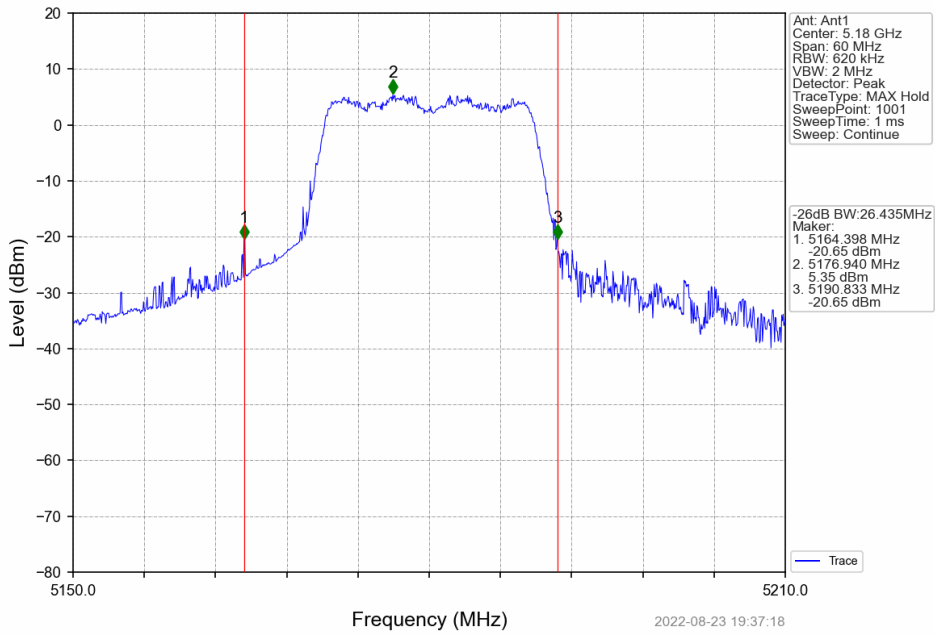
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



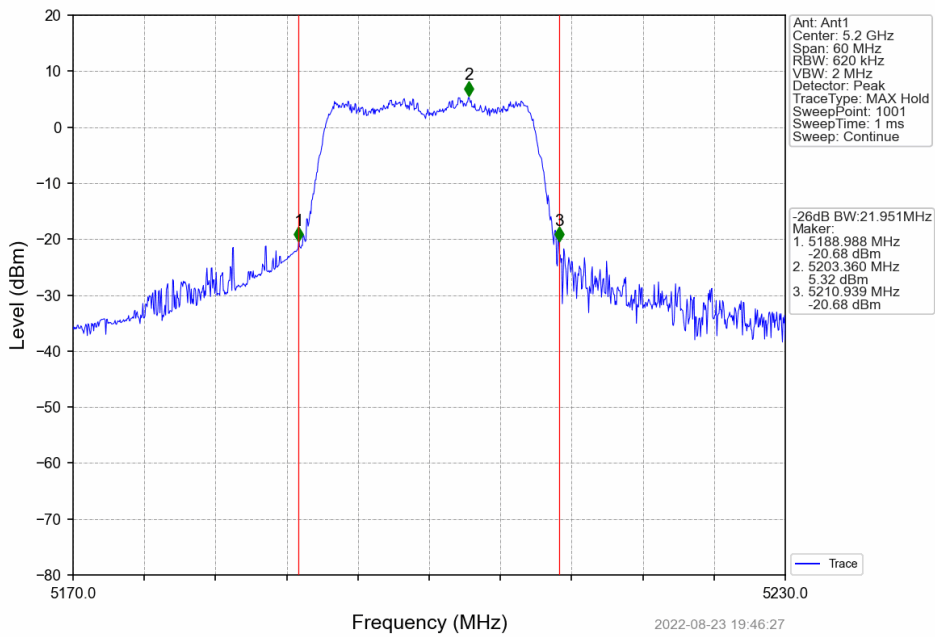
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



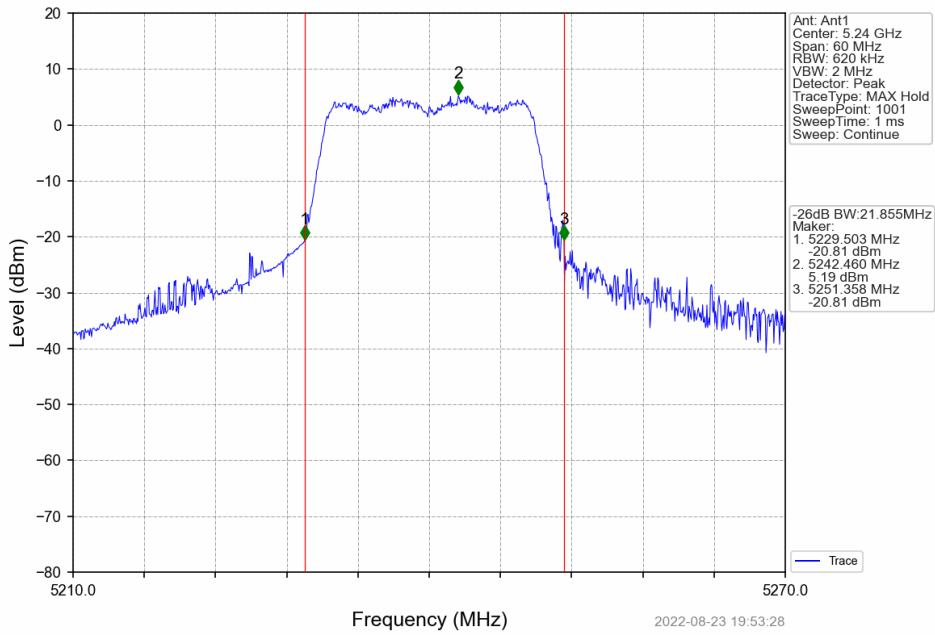
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



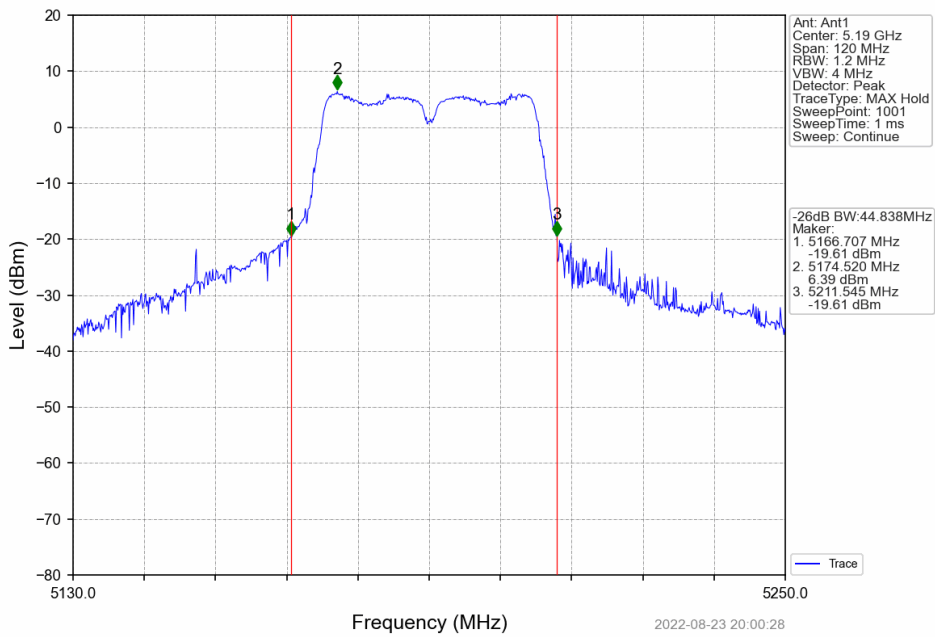
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



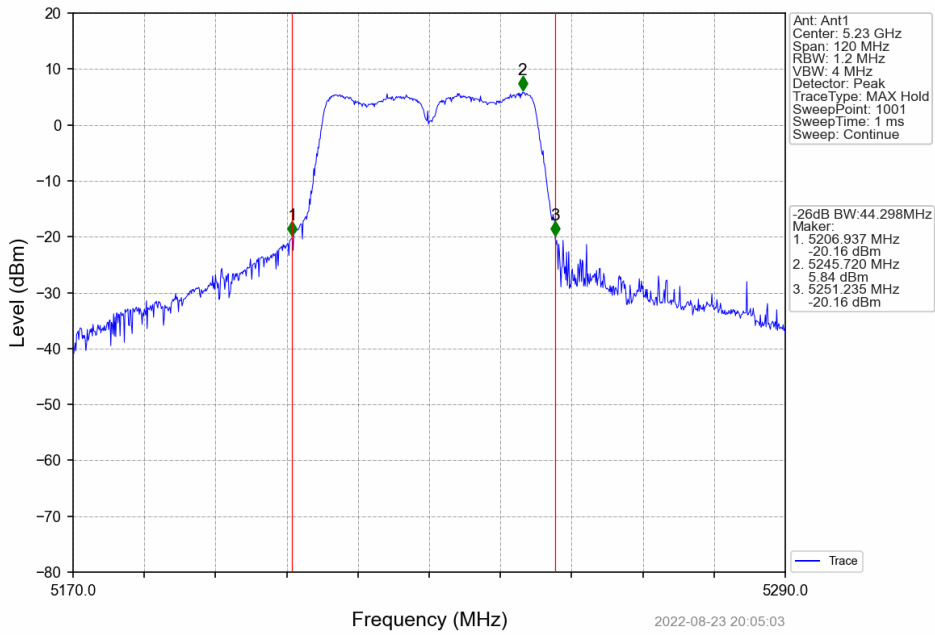
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



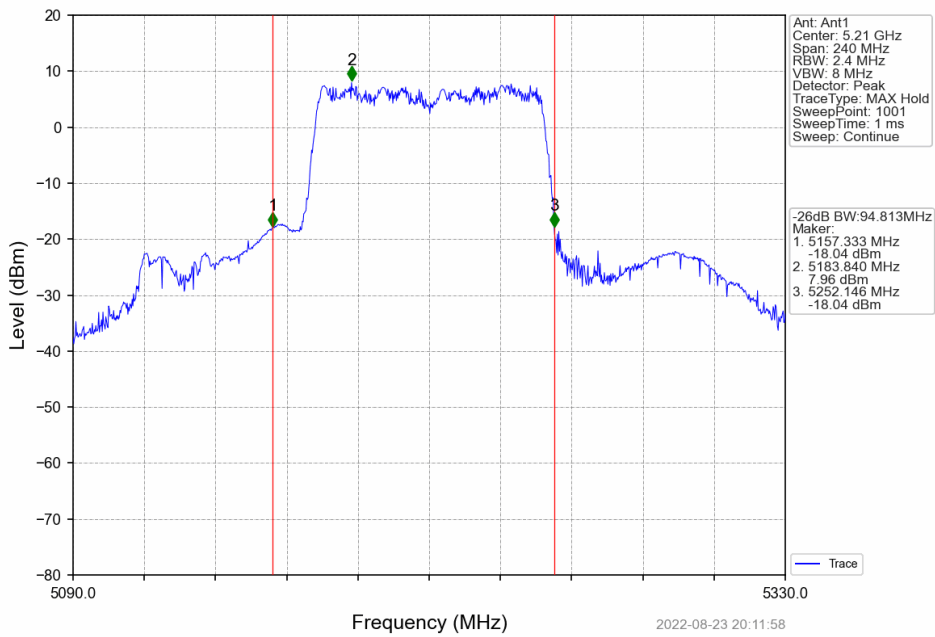
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



2. Maximum Conducted Output Power

2.1 Power

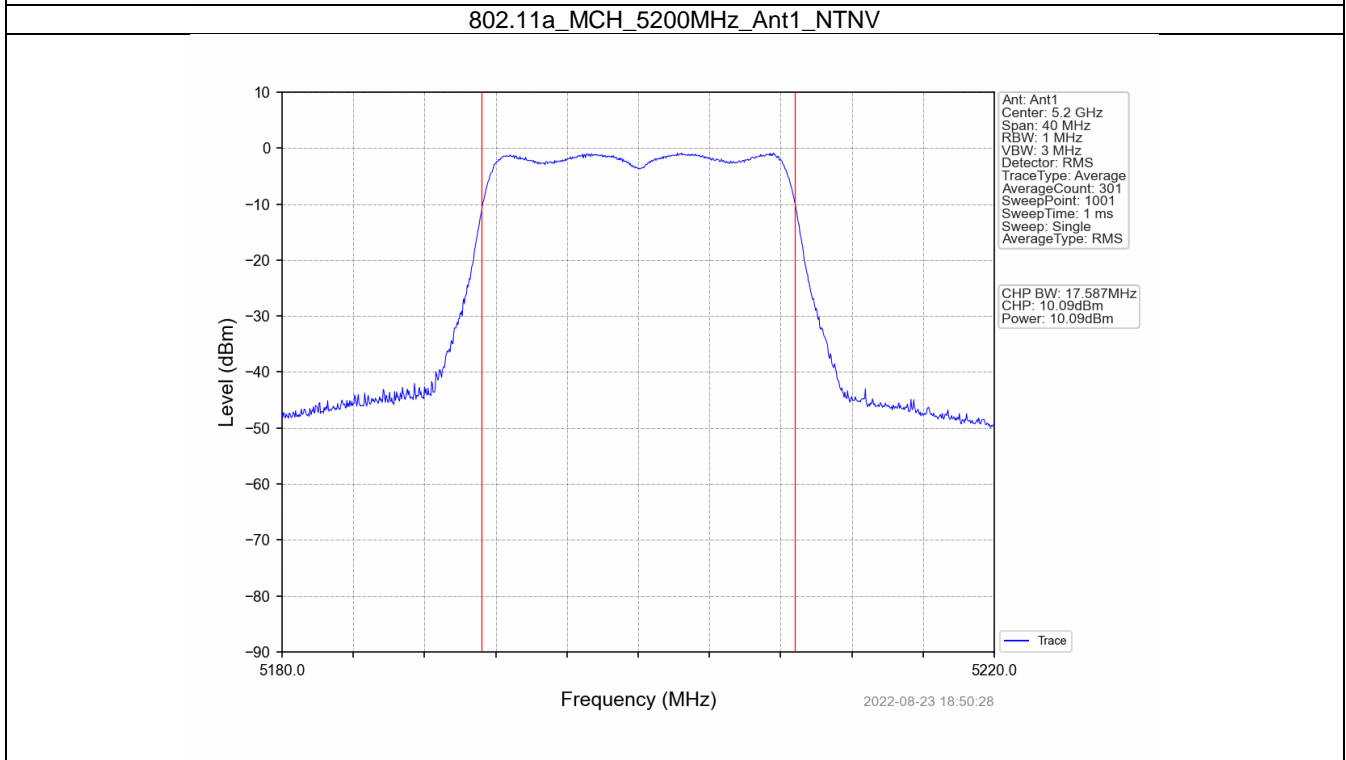
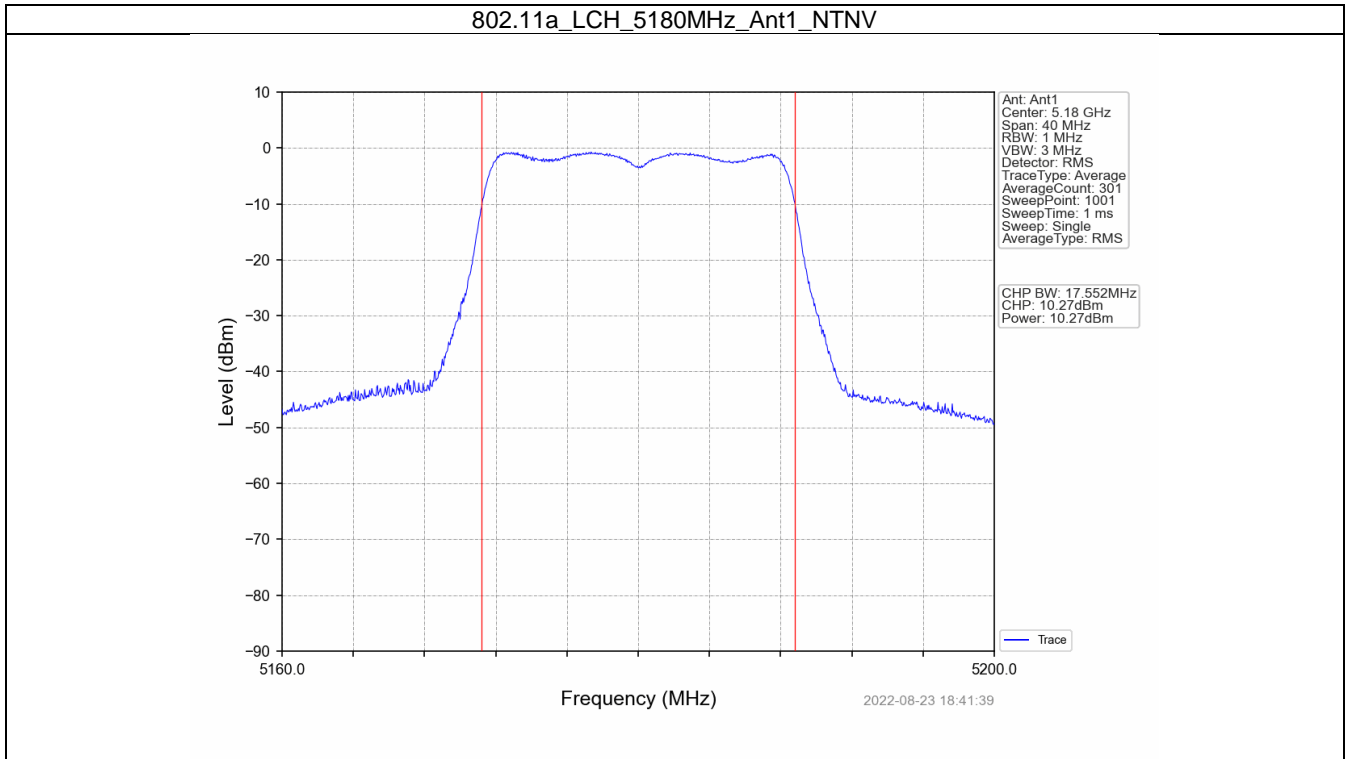
2.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) | | | | | Verdict |
|------------------|---------|-----------------|--|---------|-----------------------|-------|---------|---------|
| | | | AVG Conducted Power (dBm) | Limit | Duty Cycle Factor(dB) | EIRP | Limit | |
| 802.11a | SISO | 5180 | 10.27 | <=23.98 | 0.00 | 14.52 | <=23.01 | Pass |
| | | 5200 | 10.09 | <=23.98 | 0.00 | 14.34 | <=23.01 | Pass |
| | | 5240 | 10.10 | <=23.98 | 0.00 | 14.35 | <=23.01 | Pass |
| 802.11n (HT20) | SISO | 5180 | 10.54 | <=23.98 | 0.00 | 14.79 | <=23.01 | Pass |
| | | 5200 | 10.35 | <=23.98 | 0.00 | 14.60 | <=23.01 | Pass |
| | | 5240 | 10.33 | <=23.98 | 0.00 | 14.58 | <=23.01 | Pass |
| 802.11n (HT40) | SISO | 5190 | 10.62 | <=23.98 | 0.00 | 14.87 | <=23.01 | Pass |
| | | 5230 | 10.37 | <=23.98 | 0.00 | 14.62 | <=23.01 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 10.94 | <=23.98 | 0.00 | 15.19 | <=23.01 | Pass |
| | | 5200 | 10.28 | <=23.98 | 0.00 | 14.53 | <=23.01 | Pass |
| | | 5240 | 10.21 | <=23.98 | 0.00 | 14.46 | <=23.01 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 10.57 | <=23.98 | 0.00 | 14.82 | <=23.01 | Pass |
| | | 5230 | 10.47 | <=23.98 | 0.00 | 14.72 | <=23.01 | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 10.73 | <=23.98 | 0.00 | 14.98 | <=23.01 | Pass |

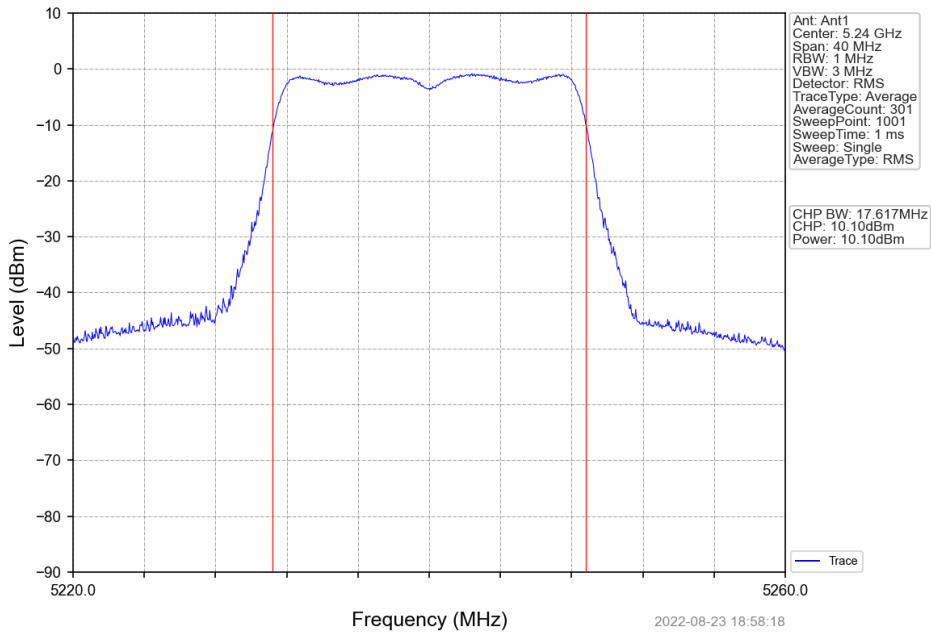
Note1: Antenna Gain: Ant1: 4.25dBi;

Note2: The Duty Cycle Factor and RBW Factor is compensated in the graph.

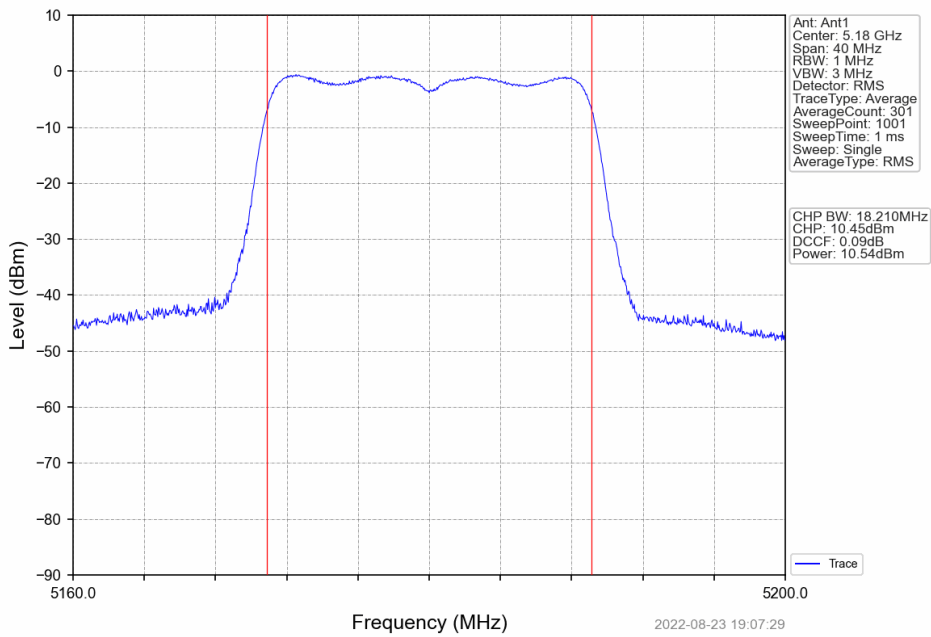
2.1.2 Test Graph



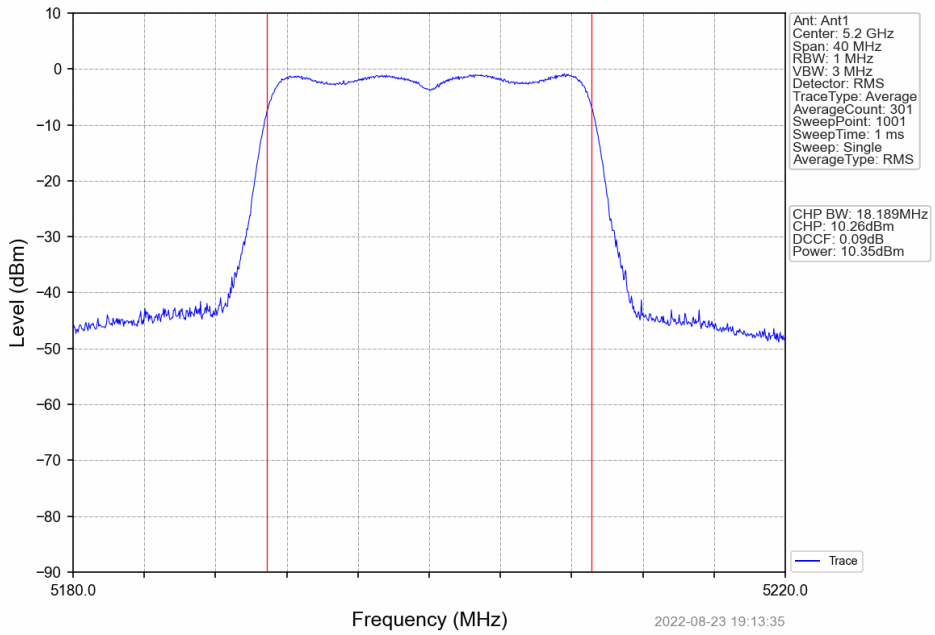
802.11a_HCH_5240MHz_Ant1_NTNV



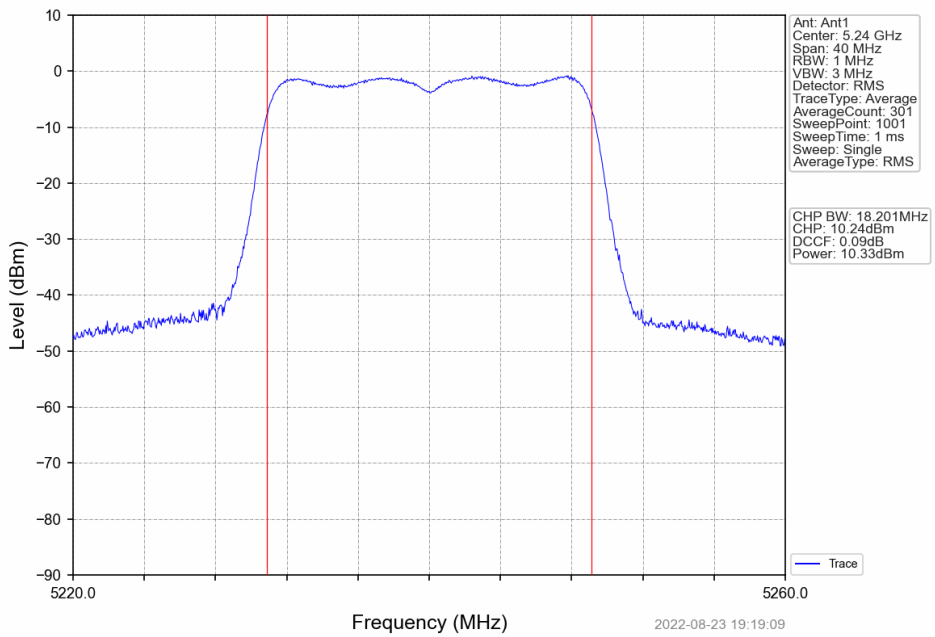
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



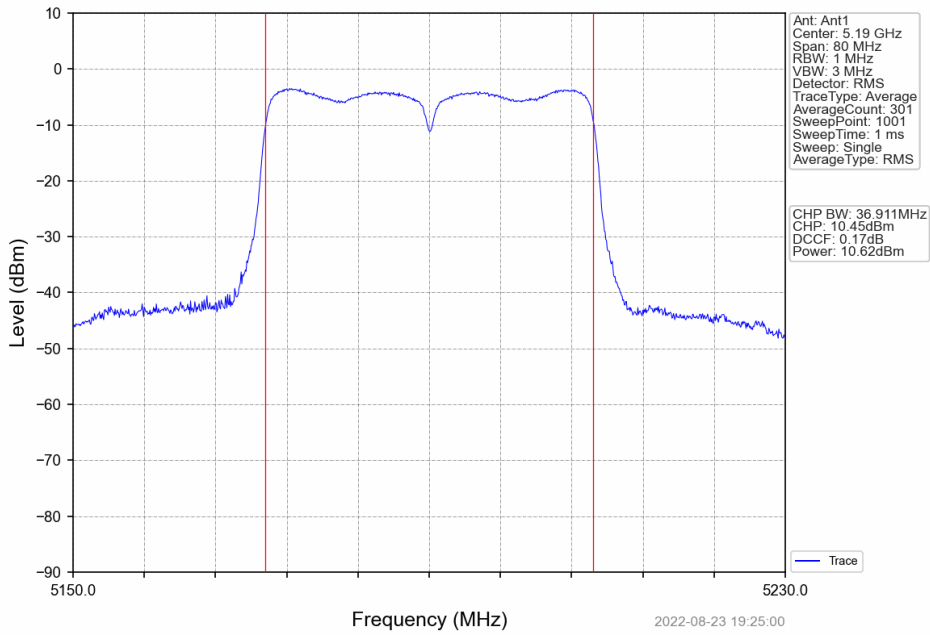
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



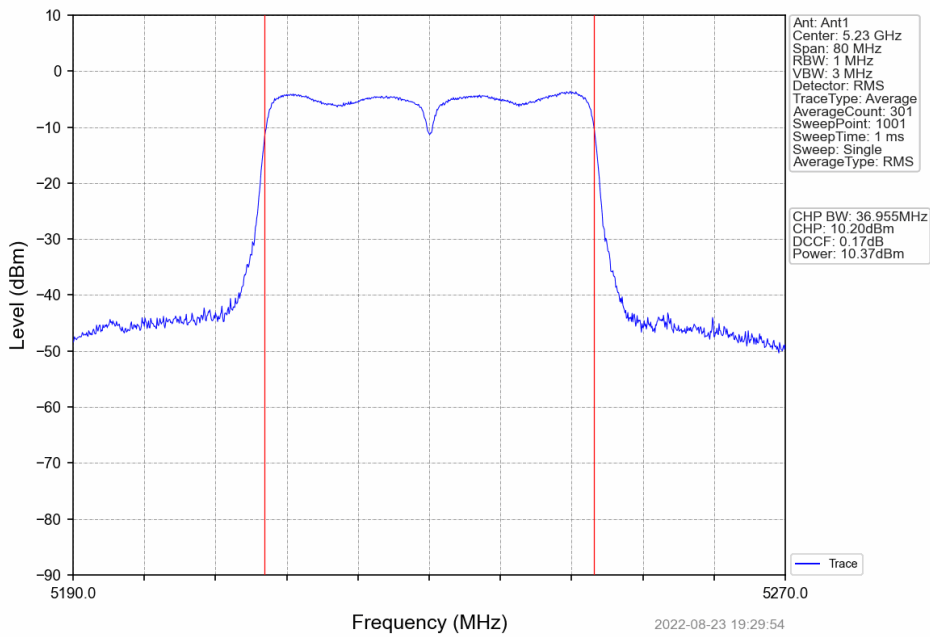
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



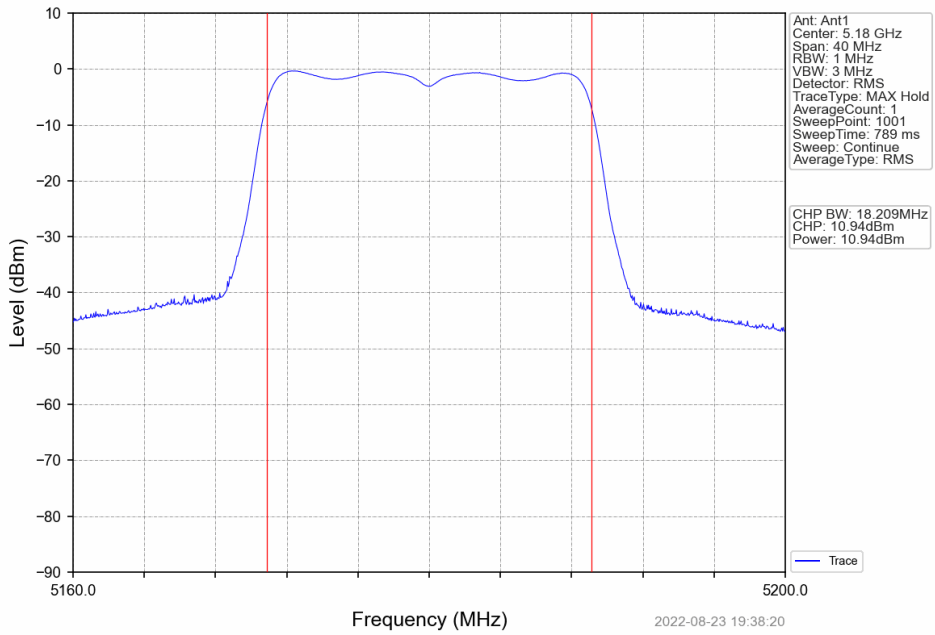
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



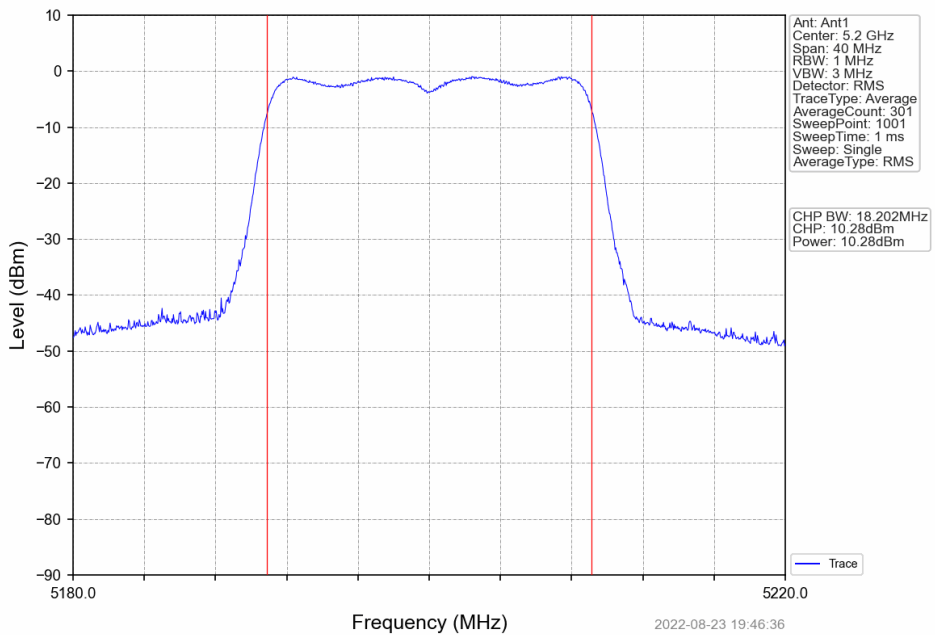
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



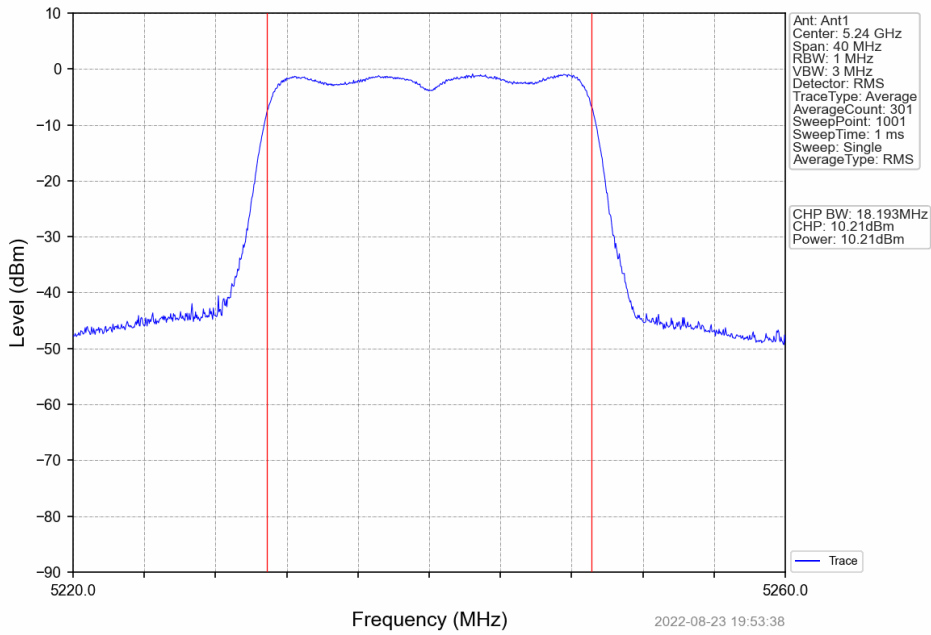
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



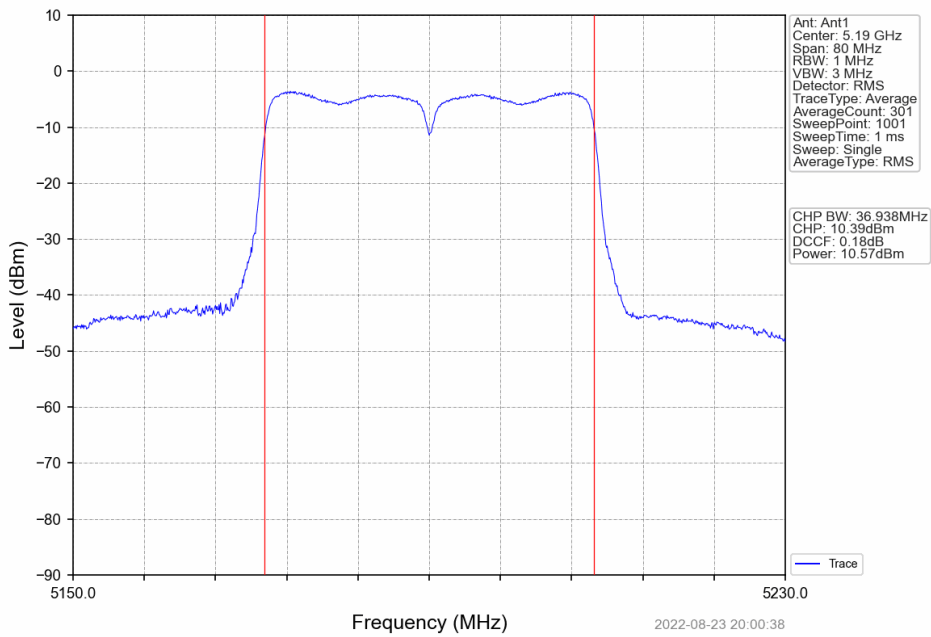
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



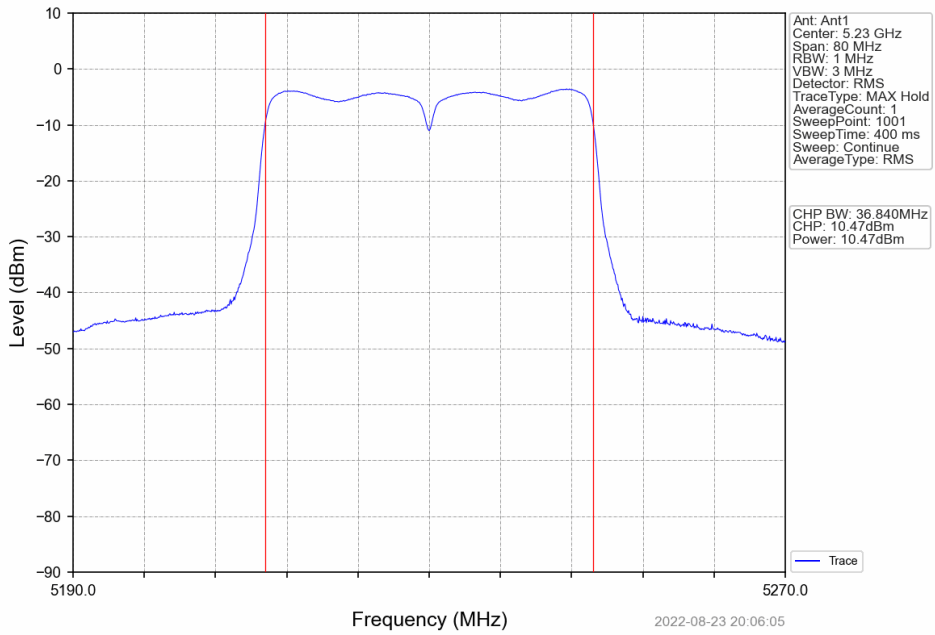
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



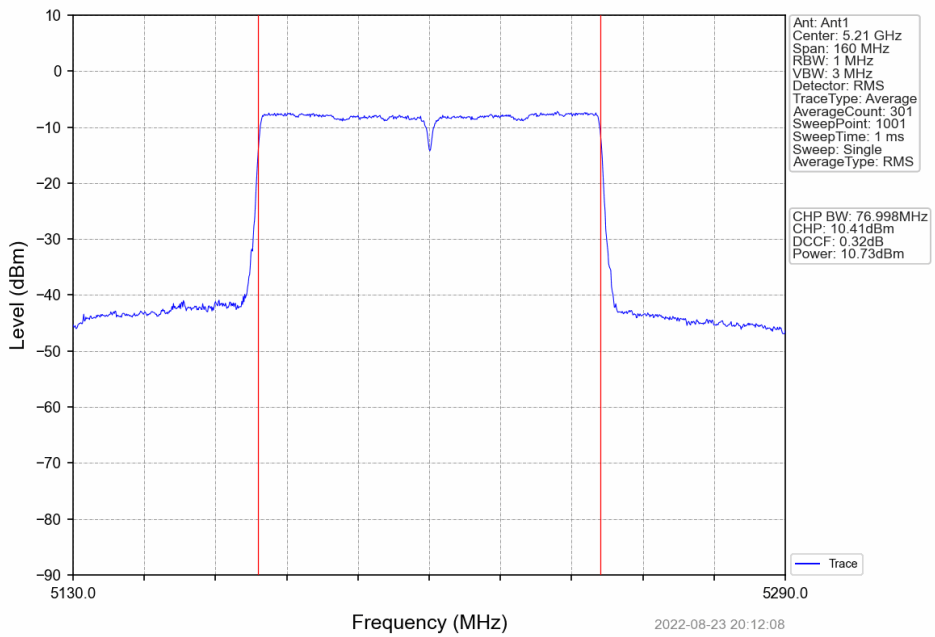
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



3. Maximum Power Spectral Density

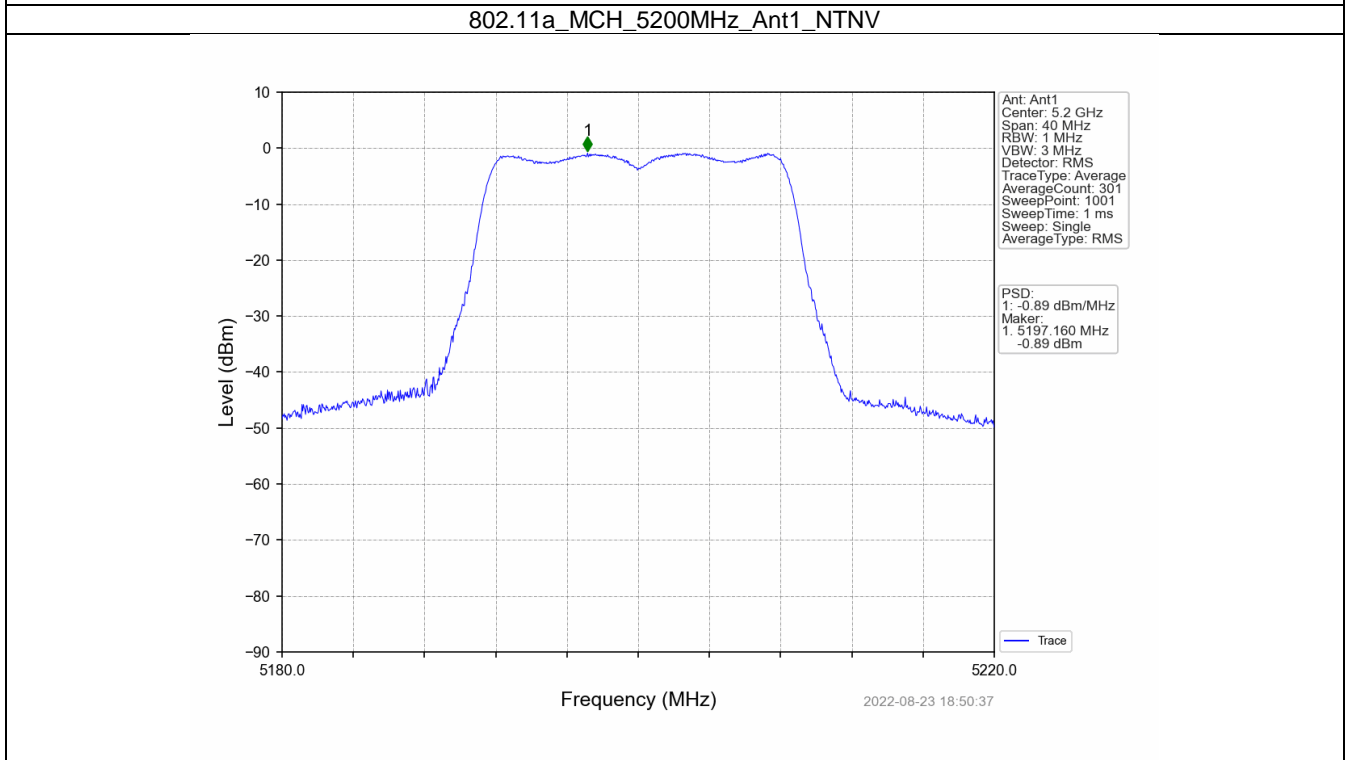
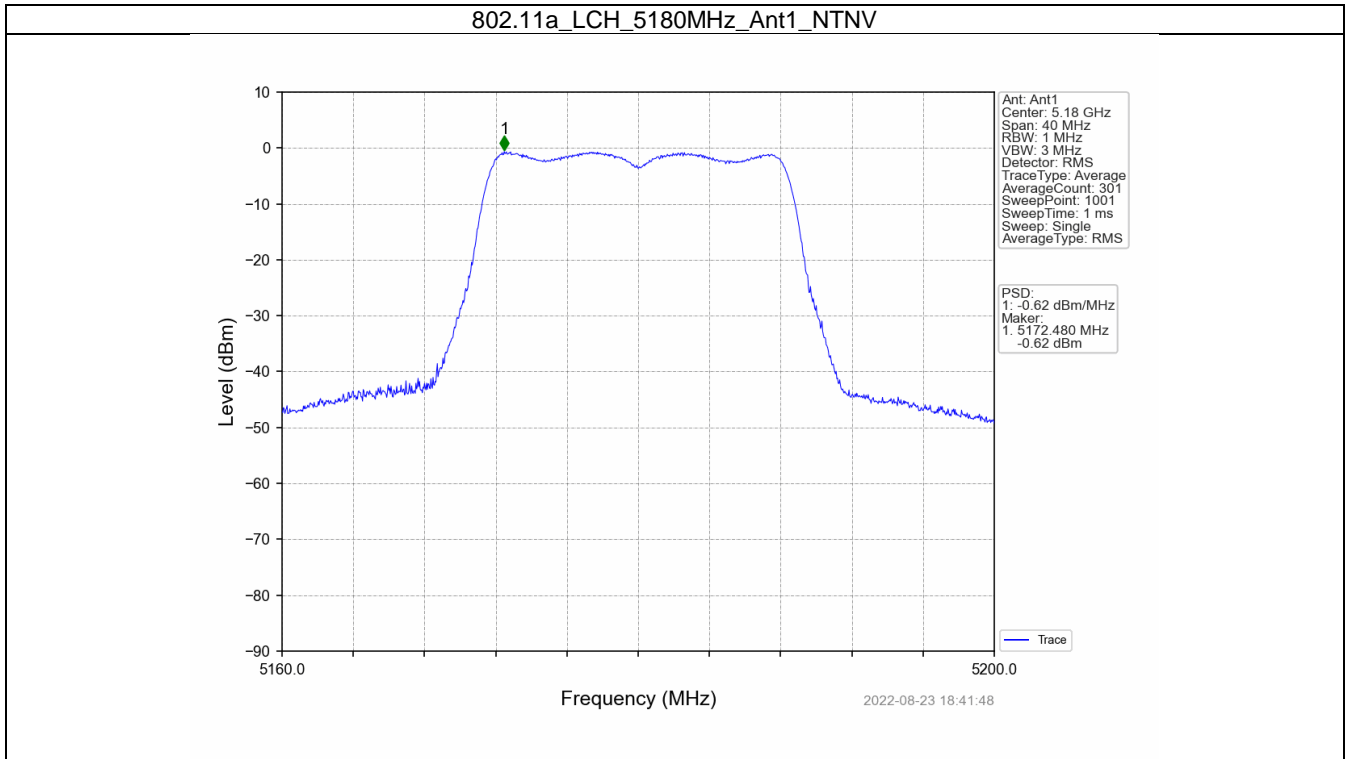
3.1 PSD

3.1.1 Test Result

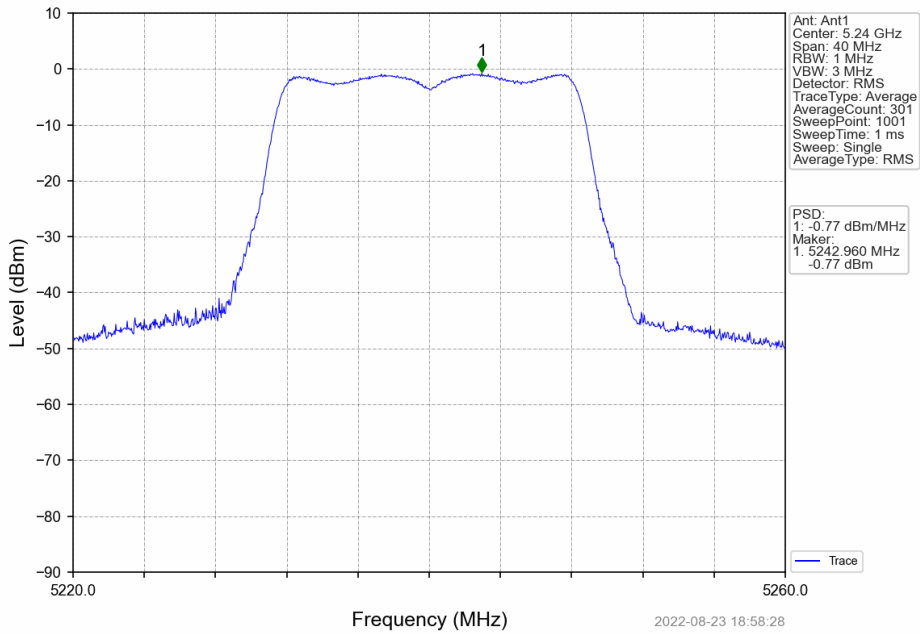
| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) | | | | Verdict |
|------------------|---------|-----------------|---------------------------------|-----------------------|---------------------------------|-------|---------|
| | | | Report Power Density [dBm/3KHz] | Duty Cycle Factor(dB) | Report Power Density [dBm/3KHz] | Limit | |
| 802.11a | SISO | 5180 | -0.62 | 0.00 | -0.62 | <=10 | Pass |
| | | 5200 | -0.89 | 0.00 | -0.89 | <=10 | Pass |
| | | 5240 | -0.77 | 0.00 | -0.77 | <=10 | Pass |
| 802.11n (HT20) | SISO | 5180 | -0.46 | 0.00 | -0.46 | <=10 | Pass |
| | | 5200 | -0.76 | 0.00 | -0.76 | <=10 | Pass |
| | | 5240 | -0.79 | 0.00 | -0.79 | <=10 | Pass |
| 802.11n (HT40) | SISO | 5190 | -3.29 | 0.00 | -3.29 | <=10 | Pass |
| | | 5230 | -3.60 | 0.00 | -3.60 | <=10 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | -0.35 | 0.00 | -0.35 | <=10 | Pass |
| | | 5200 | -0.92 | 0.00 | -0.92 | <=10 | Pass |
| | | 5240 | -0.94 | 0.00 | -0.94 | <=10 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | -3.35 | 0.00 | -3.35 | <=10 | Pass |
| | | 5230 | -3.57 | 0.00 | -3.57 | <=10 | Pass |
| 802.11ac (VHT80) | SISO | 5210 | -7.02 | 0.00 | -7.02 | <=10 | Pass |

Note1: Antenna Gain: Ant1: 4.25dBi;
 Note2: The Duty Cycle Factor and RBW Factor is compensated in the graph.

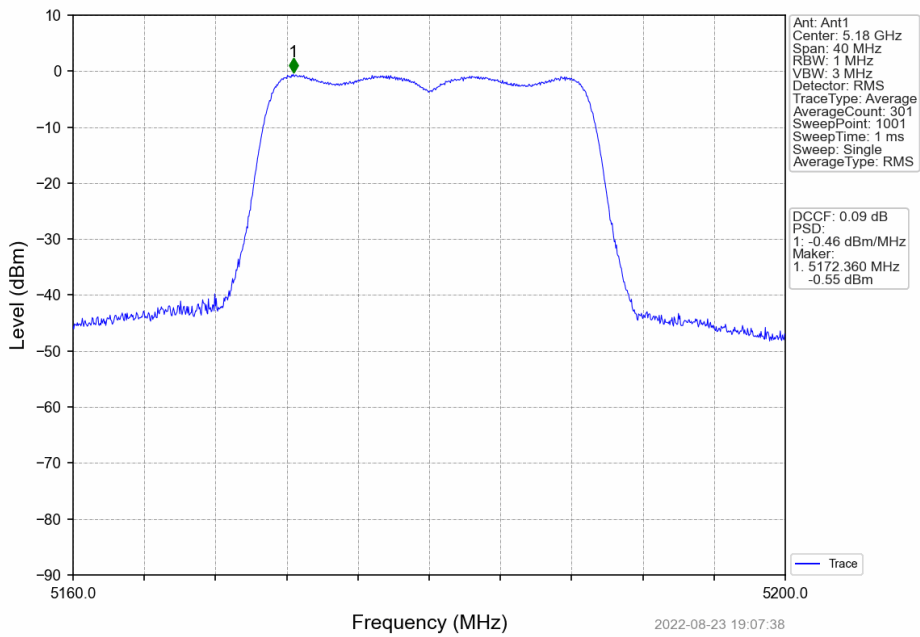
3.1.2 Test Graph



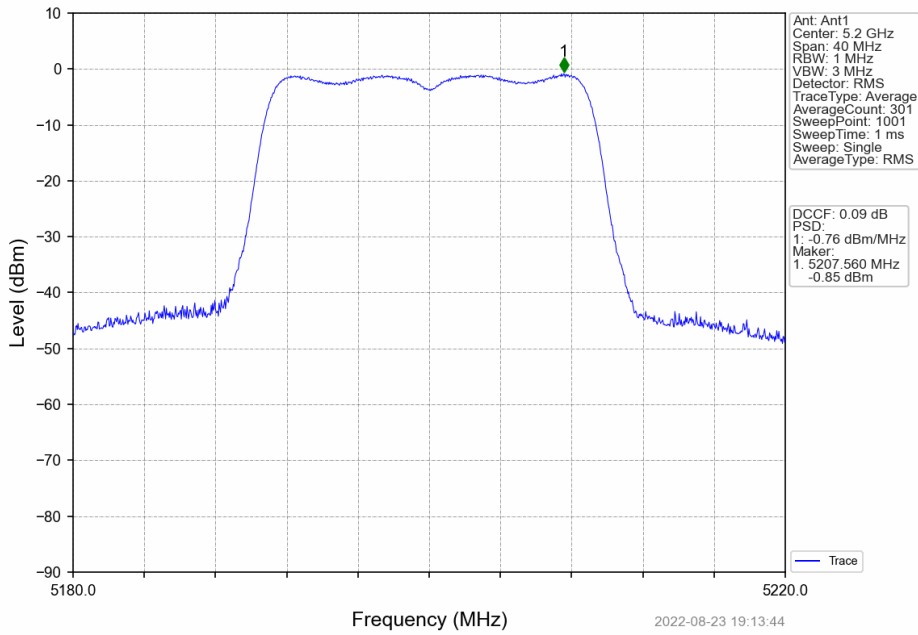
802.11a_HCH_5240MHz_Ant1_NTNV



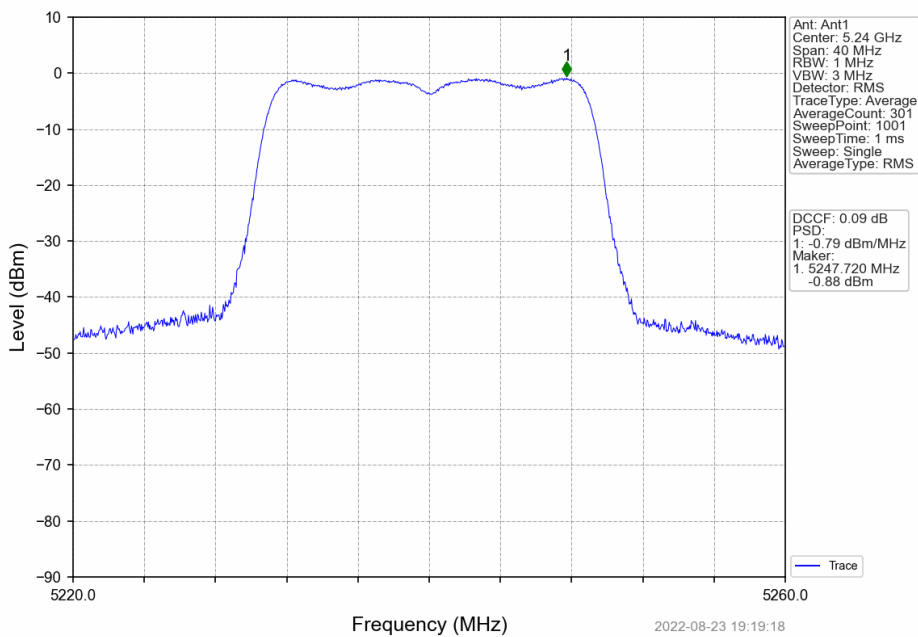
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



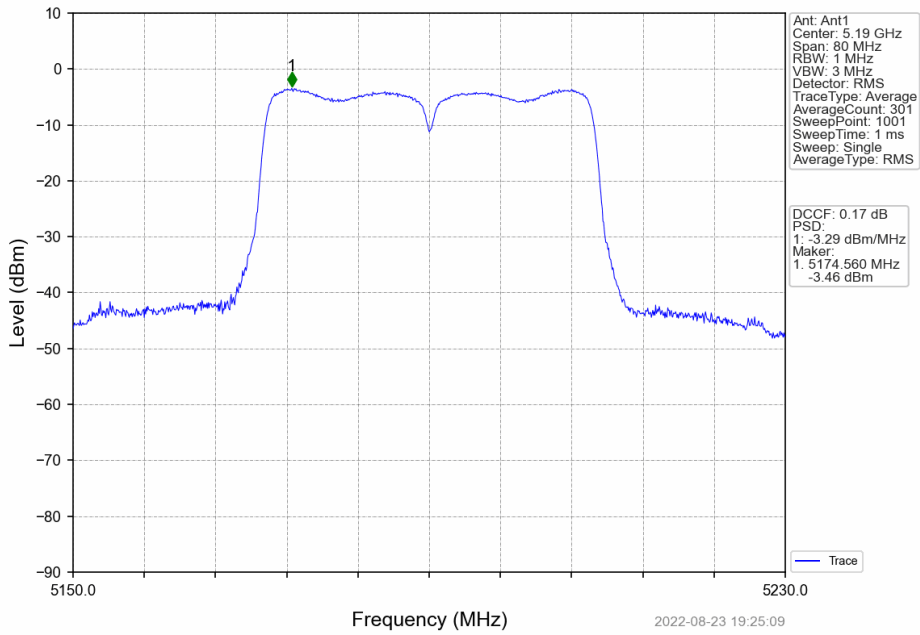
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



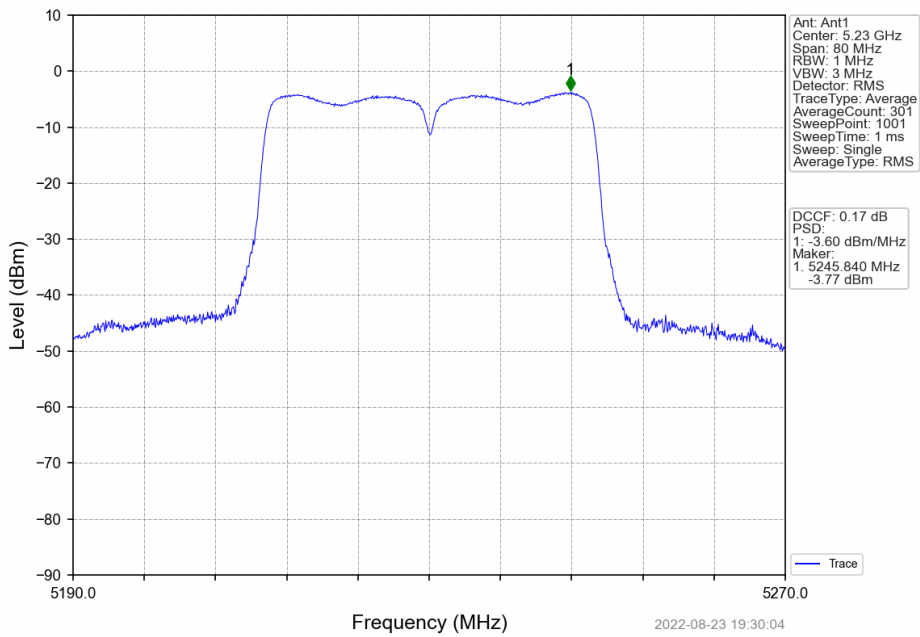
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



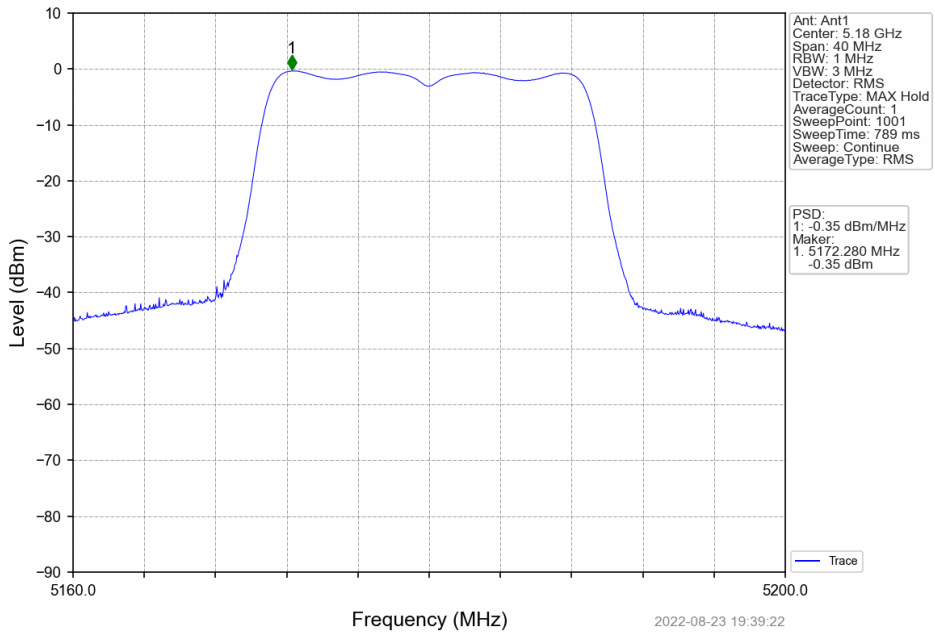
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



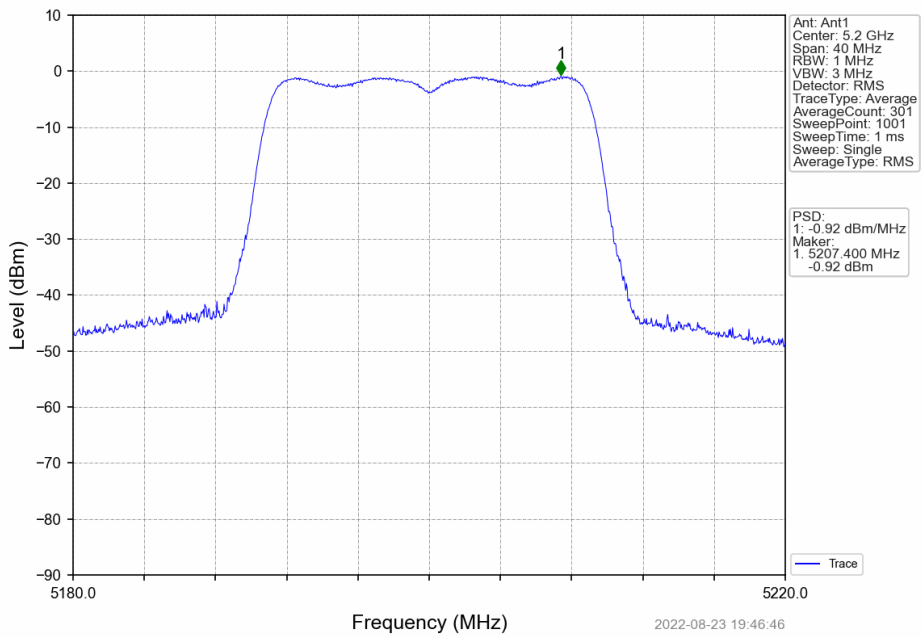
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



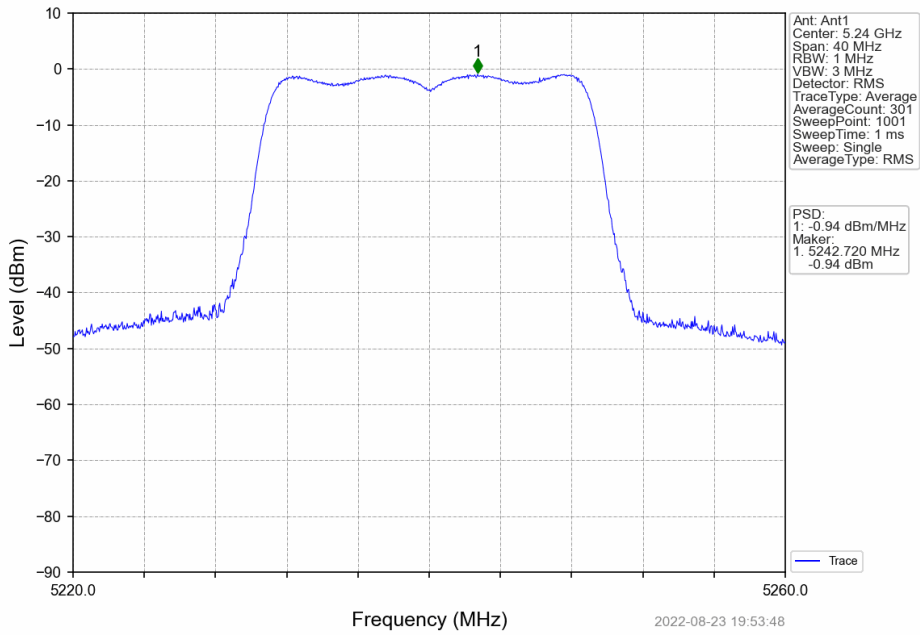
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



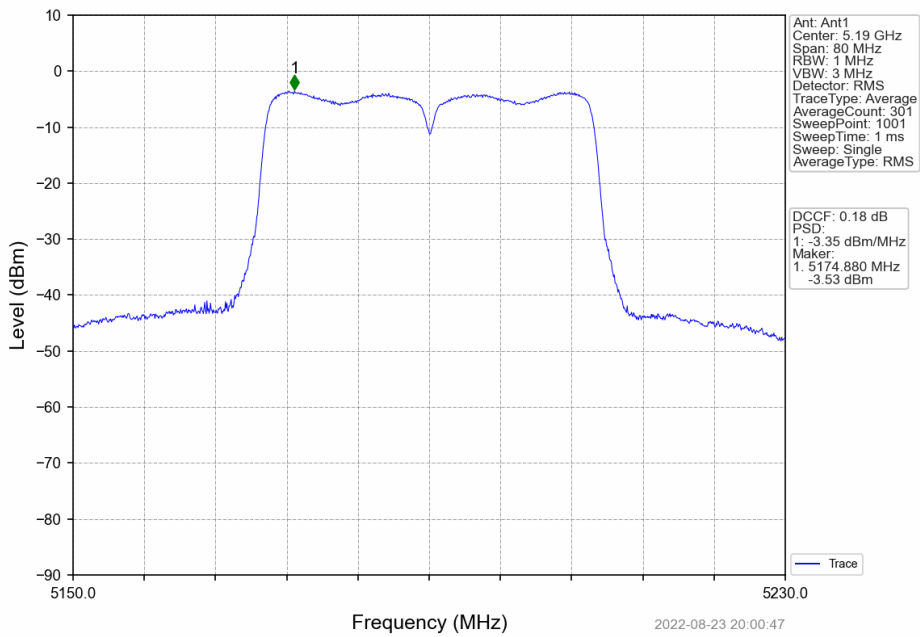
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



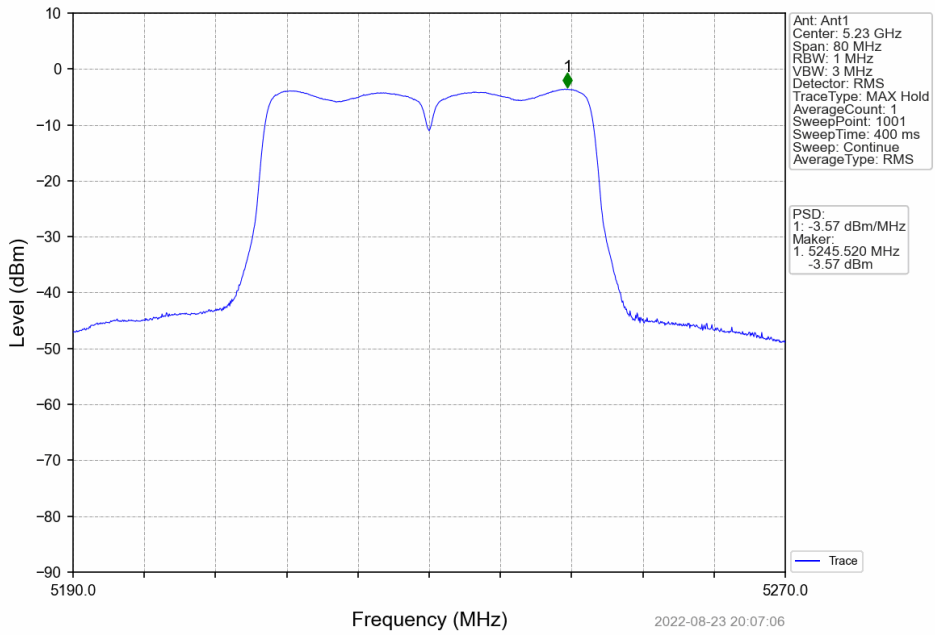
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



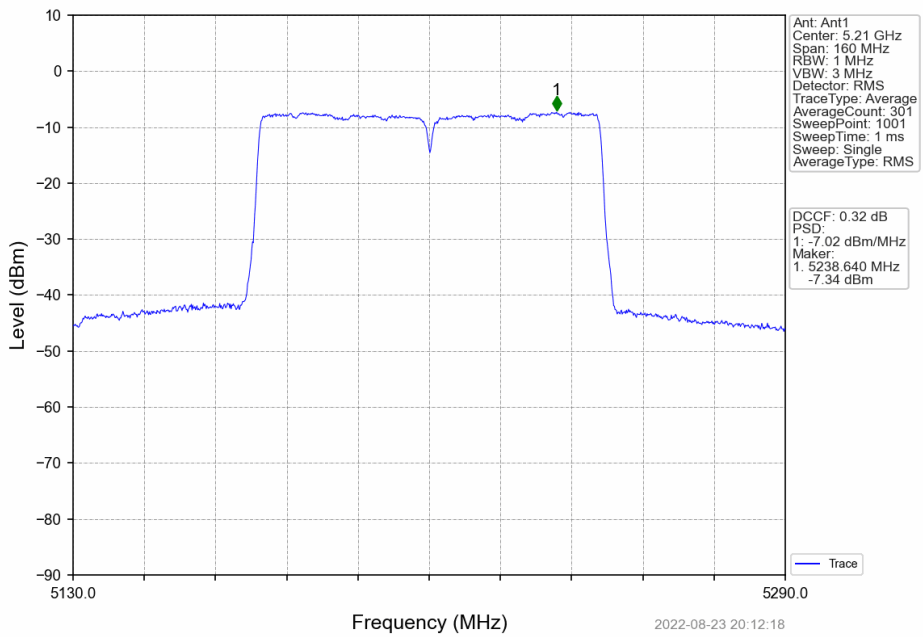
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



4. Frequency Stability

4.1 Ant1

4.1.1 Test Result

| Ant1 | | | | | | | |
|----------------|---------|-----------------|------------------|---------------|--------------------------|--------------|---------|
| Mode | TX Type | Frequency (MHz) | Temperature (°C) | Voltage (VDC) | Measured Frequency (MHz) | Limit (MHz) | Verdict |
| 802.11a | SISO | 5180 | 20 | 4.25 | 5179.980 | 5150 to 5250 | Pass |
| | | | | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5180.020 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5180.000 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5179.980 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5180.000 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5180.000 | 5150 to 5250 | Pass |
| | | 40 | 5 | 5180.020 | 5150 to 5250 | Pass | |
| | | 85 | 5 | 5180.020 | 5150 to 5250 | Pass | |
| | | 5200 | 20 | 4.25 | 5200.040 | 5150 to 5250 | Pass |
| | | | | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5200.000 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5199.980 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5200.000 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5200.040 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | 40 | 5 | 5200.020 | 5150 to 5250 | Pass | |
| | | 85 | 5 | 5200.000 | 5150 to 5250 | Pass | |
| | | 5240 | 20 | 4.25 | 5240.040 | 5150 to 5250 | Pass |
| | | | | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5240.020 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5240.020 | 5150 to 5250 | Pass |
| -10 | 5 | | 5240.020 | 5150 to 5250 | Pass | | |
| 0 | 5 | | 5240.000 | 5150 to 5250 | Pass | | |
| 10 | 5 | | 5240.000 | 5150 to 5250 | Pass | | |
| 30 | 5 | | 5240.020 | 5150 to 5250 | Pass | | |
| 40 | 5 | 5240.000 | 5150 to 5250 | Pass | | | |
| 85 | 5 | 5240.000 | 5150 to 5250 | Pass | | | |
| 802.11n (HT20) | SISO | 5180 | 20 | 4.25 | 5180.000 | 5150 to 5250 | Pass |
| | | | | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5180.040 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5180.040 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5180.000 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5180.000 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5180.040 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5180.040 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5180.040 | 5150 to 5250 | Pass |
| | | 40 | 5 | 5180.000 | 5150 to 5250 | Pass | |
| | | 85 | 5 | 5180.020 | 5150 to 5250 | Pass | |
| | | 5200 | 20 | 4.25 | 5200.040 | 5150 to 5250 | Pass |
| | | | | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5200.040 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5200.060 | 5150 to 5250 | Pass |
| -20 | 5 | | 5200.040 | 5150 to 5250 | Pass | | |

| | | | | | | | |
|---------------------|------|----------|--------------|--------------|--------------|--------------|------|
| | | | -10 | 5 | 5200.040 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5200.040 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5200.020 | 5150 to 5250 | Pass |
| | | | 40 | 5 | 5200.060 | 5150 to 5250 | Pass |
| | | 85 | 5 | 5200.040 | 5150 to 5250 | Pass | |
| | | 5240 | 20 | 4.25 | 5240.080 | 5150 to 5250 | Pass |
| | | | | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5240.060 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5240.020 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5240.080 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5240.040 | 5150 to 5250 | Pass |
| 40 | 5 | | 5240.060 | 5150 to 5250 | Pass | | |
| 85 | 5 | 5240.040 | 5150 to 5250 | Pass | | | |
| 802.11n (HT40) | SISO | 5190 | 20 | 4.25 | 5190.080 | 5150 to 5250 | Pass |
| | | | | 5 | 5190.080 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5190.040 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5190.040 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5190.080 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5190.040 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5190.080 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5190.040 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5190.080 | 5150 to 5250 | Pass |
| | | 40 | 5 | 5190.080 | 5150 to 5250 | Pass | |
| | | 85 | 5 | 5190.000 | 5150 to 5250 | Pass | |
| | | 5230 | 20 | 4.25 | 5230.120 | 5150 to 5250 | Pass |
| | | | | 5 | 5230.120 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5230.080 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5230.120 | 5150 to 5250 | Pass |
| -20 | 5 | | 5230.080 | 5150 to 5250 | Pass | | |
| -10 | 5 | | 5230.120 | 5150 to 5250 | Pass | | |
| 0 | 5 | 5230.120 | 5150 to 5250 | Pass | | | |
| 10 | 5 | 5230.080 | 5150 to 5250 | Pass | | | |
| 30 | 5 | 5230.120 | 5150 to 5250 | Pass | | | |
| 40 | 5 | 5230.080 | 5150 to 5250 | Pass | | | |
| 85 | 5 | 5230.080 | 5150 to 5250 | Pass | | | |
| 802.11ac (VHT20) | SISO | 5180 | 20 | 4.25 | 5180.040 | 5150 to 5250 | Pass |
| | | | | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5180.000 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5180.020 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5180.040 | 5150 to 5250 | Pass |
| | | 40 | 5 | 5180.000 | 5150 to 5250 | Pass | |
| | | 85 | 5 | 5180.040 | 5150 to 5250 | Pass | |
| | | 5200 | 20 | 4.25 | 5200.060 | 5150 to 5250 | Pass |
| | | | | 5 | 5200.040 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5200.060 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5200.020 | 5150 to 5250 | Pass |
| -20 | 5 | | 5200.060 | 5150 to 5250 | Pass | | |
| -10 | 5 | | 5200.060 | 5150 to 5250 | Pass | | |
| 0 | 5 | 5200.040 | 5150 to 5250 | Pass | | | |
| 10 | 5 | 5200.060 | 5150 to 5250 | Pass | | | |
| 30 | 5 | 5200.080 | 5150 to 5250 | Pass | | | |

| | | | | | | | |
|------------------|----------|------------------|--------------|--------------|--------------|--------------|----------|
| | | | 40 | 5 | 5200.000 | 5150 to 5250 | Pass |
| | | | 85 | 5 | 5200.060 | 5150 to 5250 | Pass |
| | | 5240 | 20 | 4.25 | 5240.060 | 5150 to 5250 | Pass |
| | | | | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5240.020 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5240.060 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | | 40 | 5 | 5240.040 | 5150 to 5250 | Pass |
| | | 85 | 5 | 5240.040 | 5150 to 5250 | Pass | |
| | | 802.11ac (VHT40) | SISO | 5190 | 20 | 4.25 | 5190.080 |
| 5 | 5190.120 | | | | | 5150 to 5250 | Pass |
| 5.75 | 5190.040 | | | | | 5150 to 5250 | Pass |
| -30 | 5 | | | | 5190.040 | 5150 to 5250 | Pass |
| -20 | 5 | | | | 5190.000 | 5150 to 5250 | Pass |
| -10 | 5 | | | | 5190.040 | 5150 to 5250 | Pass |
| 0 | 5 | | | | 5190.080 | 5150 to 5250 | Pass |
| 10 | 5 | | | | 5190.080 | 5150 to 5250 | Pass |
| 30 | 5 | | | | 5190.080 | 5150 to 5250 | Pass |
| 40 | 5 | | | | 5190.000 | 5150 to 5250 | Pass |
| 85 | 5 | | | 5190.080 | 5150 to 5250 | Pass | |
| 5230 | 20 | | | 4.25 | 5230.040 | 5150 to 5250 | Pass |
| | | | | 5 | 5230.080 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5230.080 | 5150 to 5250 | Pass |
| | -30 | | | 5 | 5230.120 | 5150 to 5250 | Pass |
| | -20 | | | 5 | 5230.080 | 5150 to 5250 | Pass |
| | -10 | | | 5 | 5230.080 | 5150 to 5250 | Pass |
| | 0 | | | 5 | 5230.080 | 5150 to 5250 | Pass |
| | 10 | | | 5 | 5230.080 | 5150 to 5250 | Pass |
| | 30 | | | 5 | 5230.120 | 5150 to 5250 | Pass |
| | 40 | 5 | 5230.120 | 5150 to 5250 | Pass | | |
| 85 | 5 | 5230.080 | 5150 to 5250 | Pass | | | |
| 802.11ac (VHT80) | SISO | 5210 | 20 | 4.25 | 5210.075 | 5150 to 5250 | Pass |
| | | | | 5 | 5210.075 | 5150 to 5250 | Pass |
| | | | | 5.75 | 5210.075 | 5150 to 5250 | Pass |
| | | | -30 | 5 | 5210.150 | 5150 to 5250 | Pass |
| | | | -20 | 5 | 5210.075 | 5150 to 5250 | Pass |
| | | | -10 | 5 | 5210.000 | 5150 to 5250 | Pass |
| | | | 0 | 5 | 5210.075 | 5150 to 5250 | Pass |
| | | | 10 | 5 | 5210.150 | 5150 to 5250 | Pass |
| | | | 30 | 5 | 5210.075 | 5150 to 5250 | Pass |
| | | | 40 | 5 | 5210.075 | 5150 to 5250 | Pass |
| | | | 85 | 5 | 5210.075 | 5150 to 5250 | Pass |