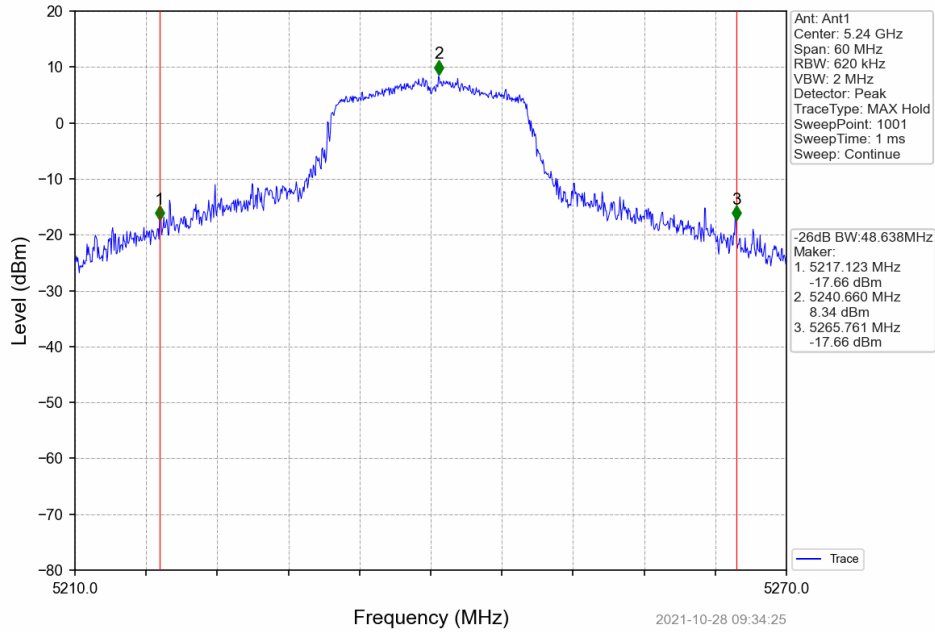


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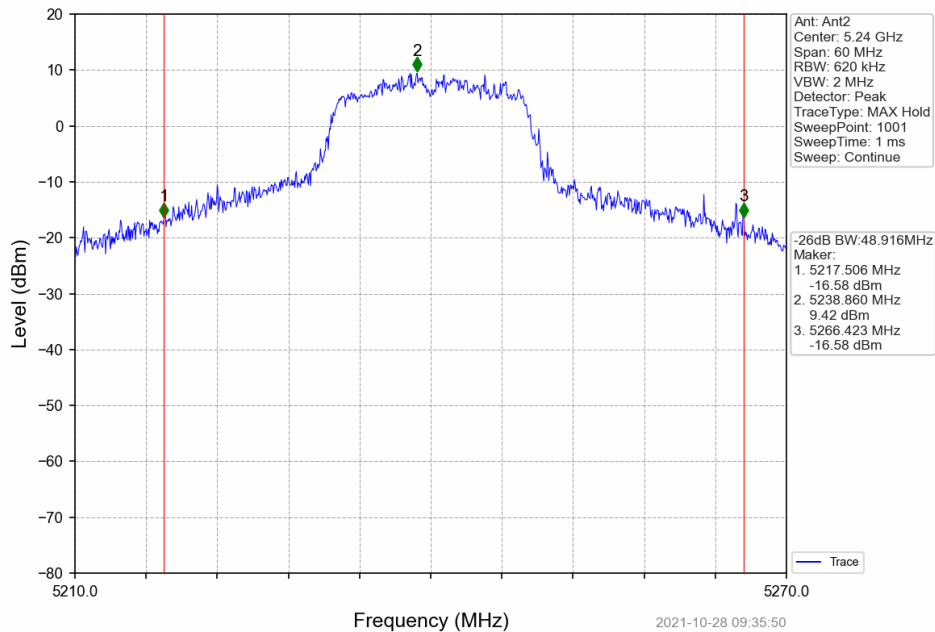
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802.11a_HCH_5240MHz_Ant1_NTNV



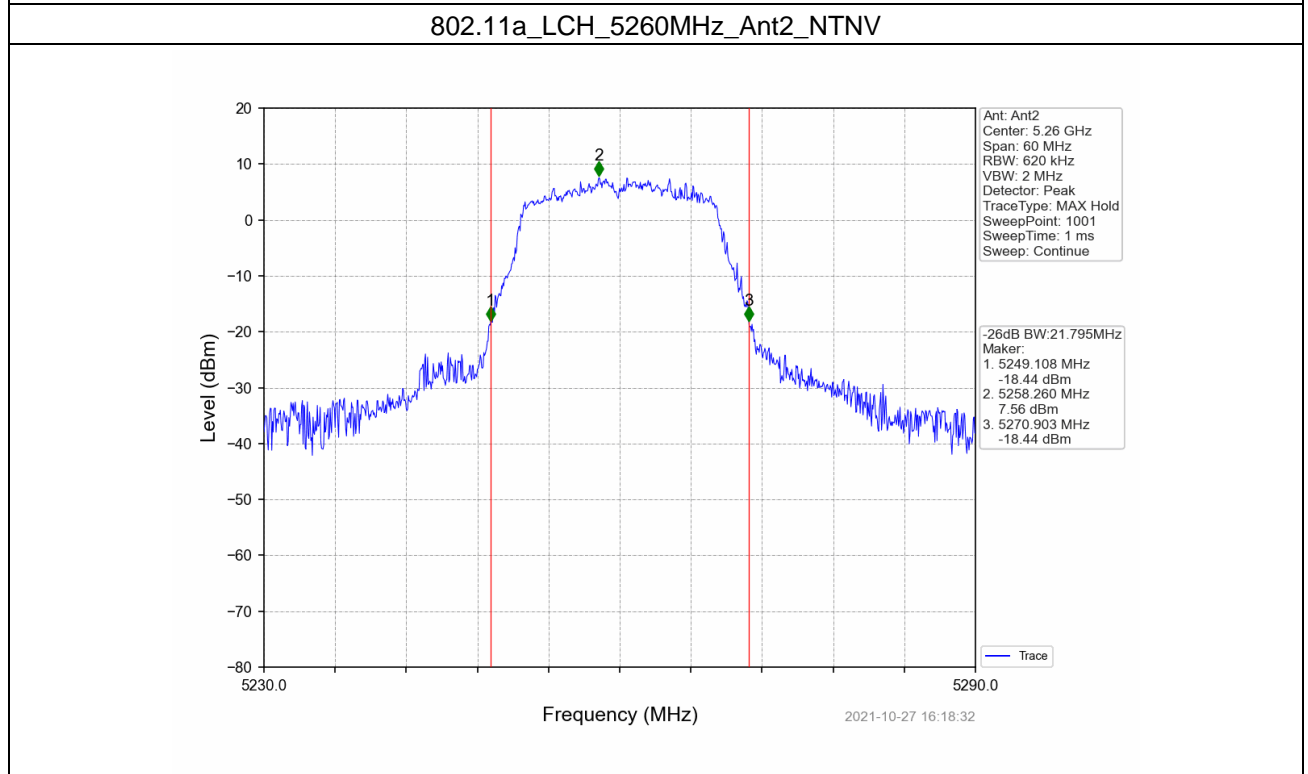
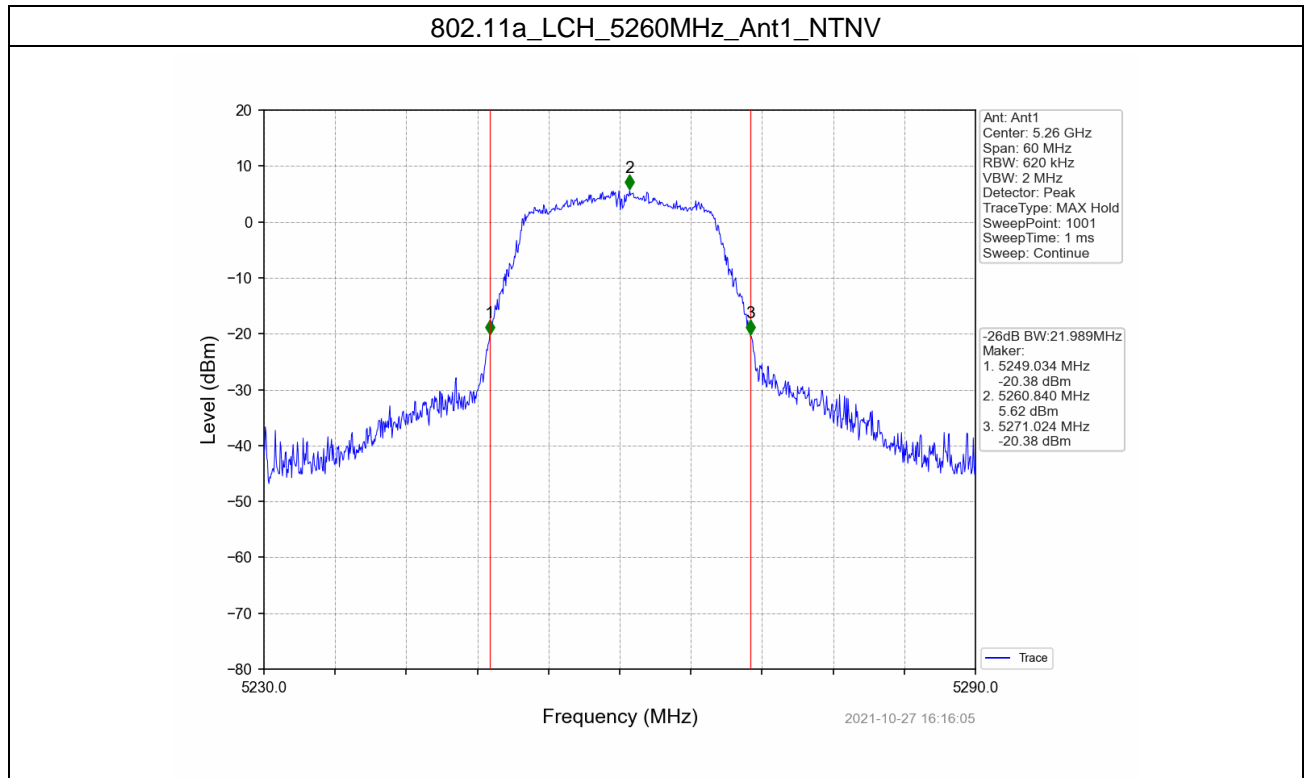
802.11a_HCH_5240MHz_Ant2_NTNV



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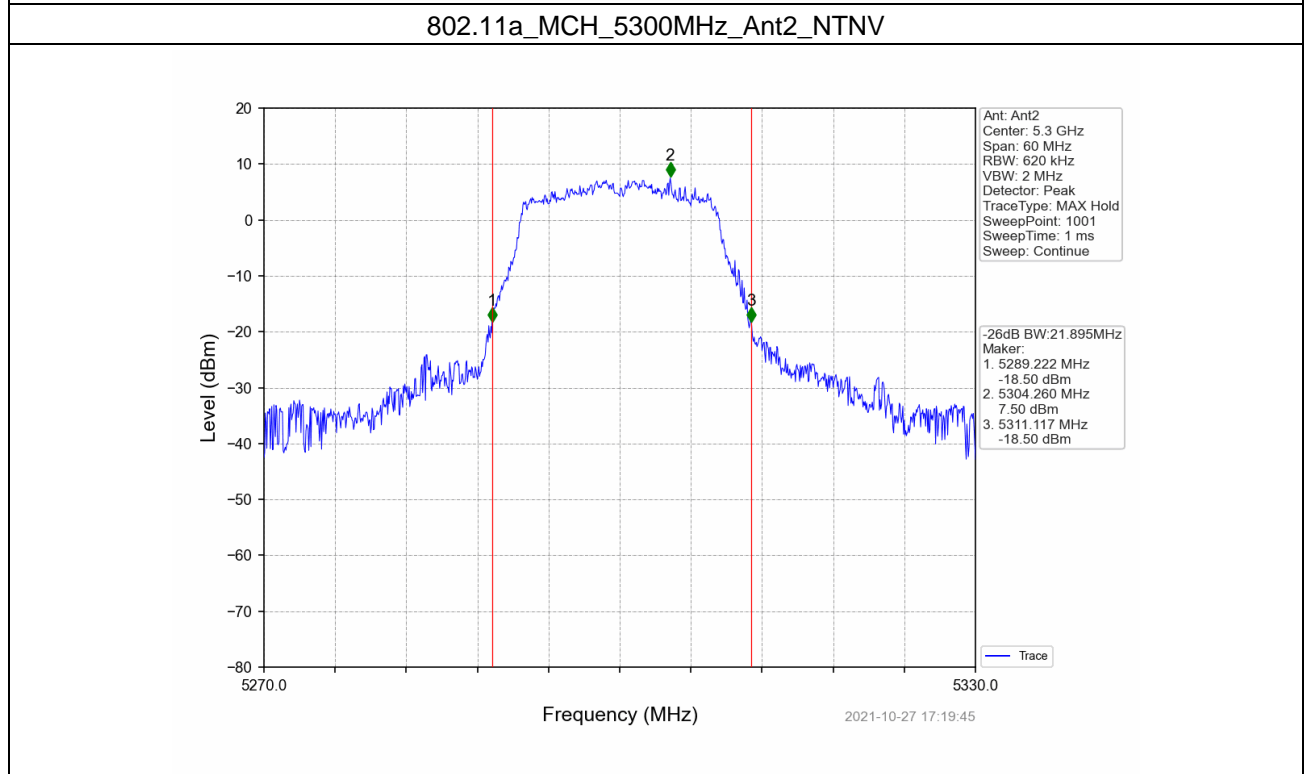
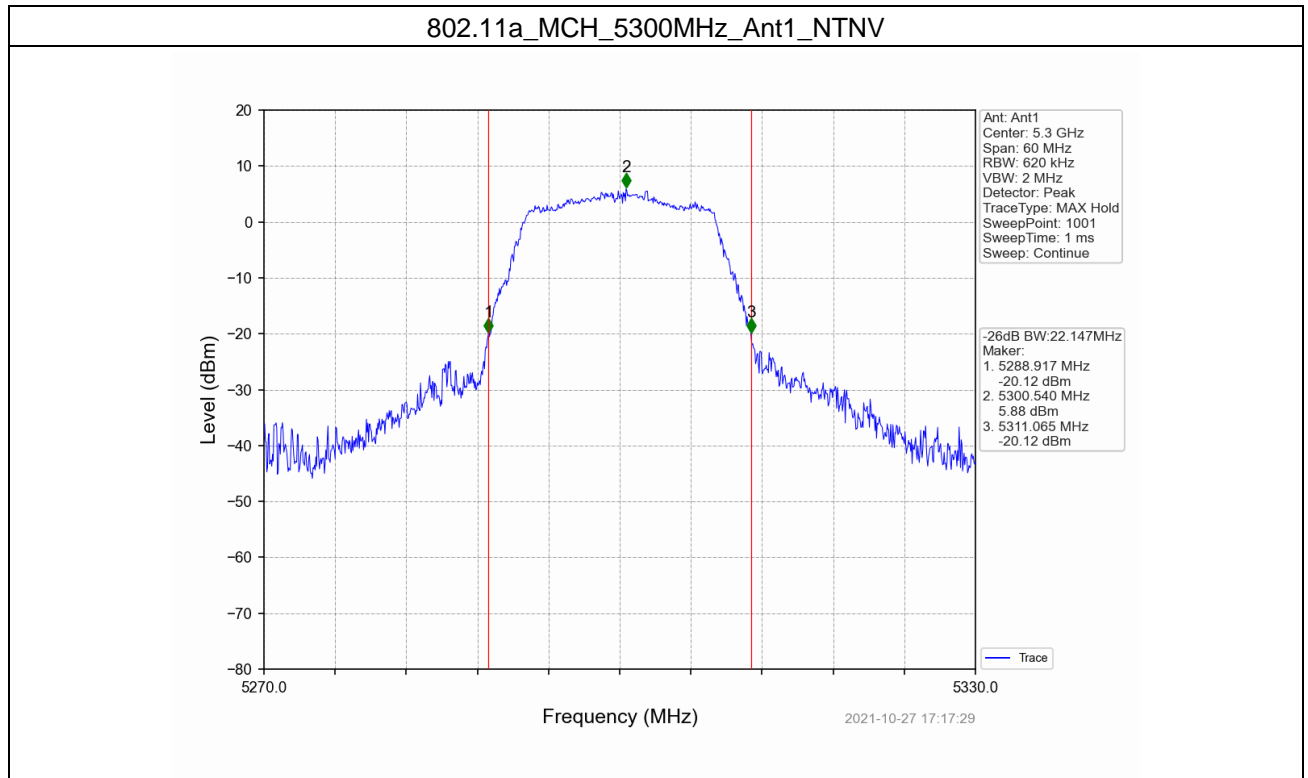
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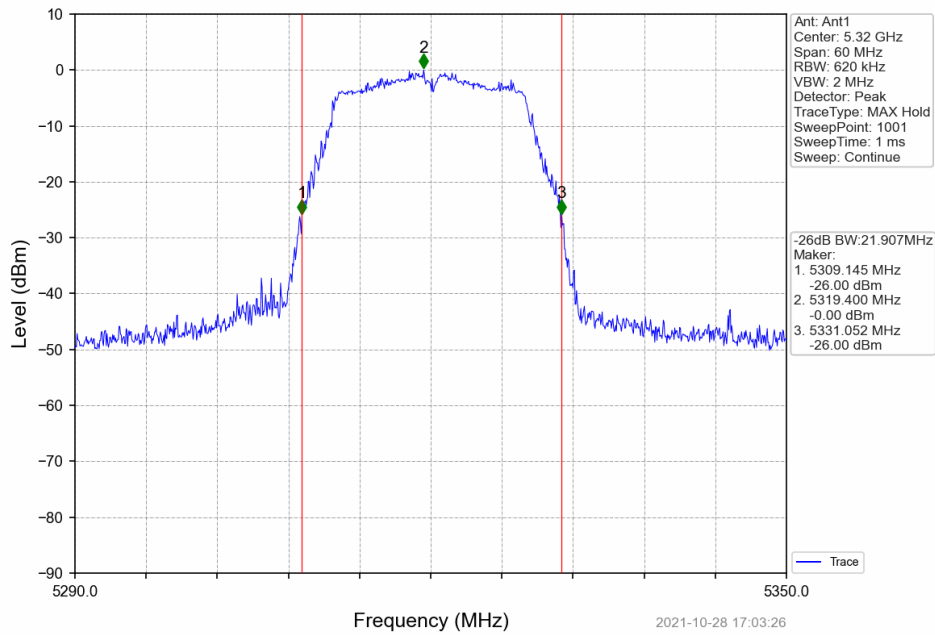
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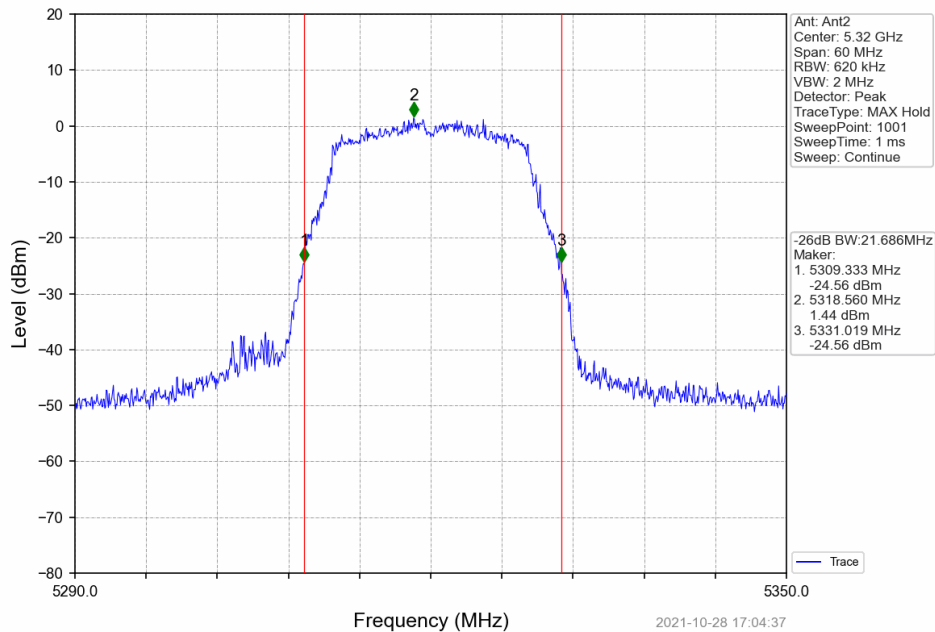


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802.11a_HCH_5320MHz_Ant1_NTNV

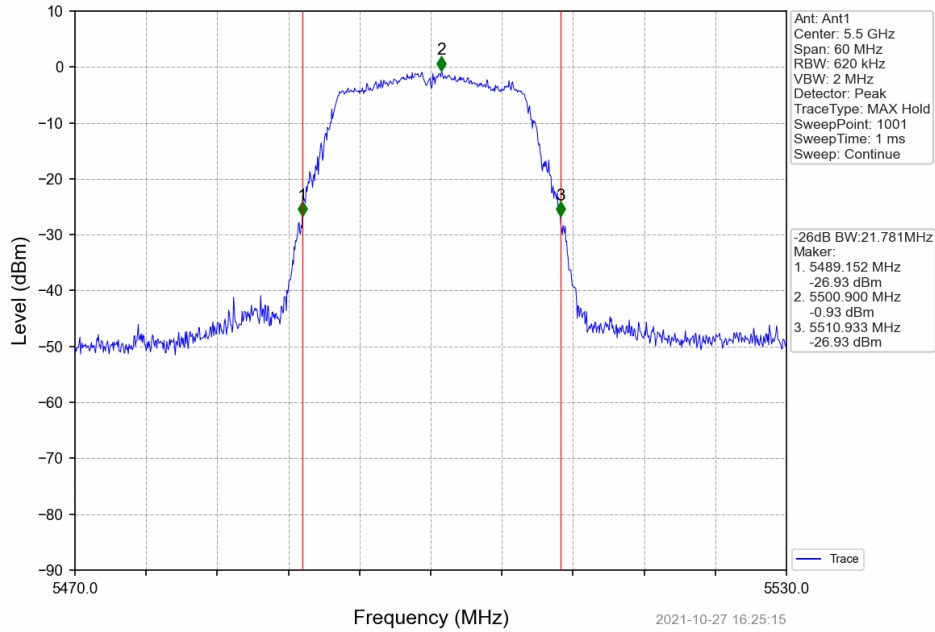


802.11a_HCH_5320MHz_Ant2_NTNV

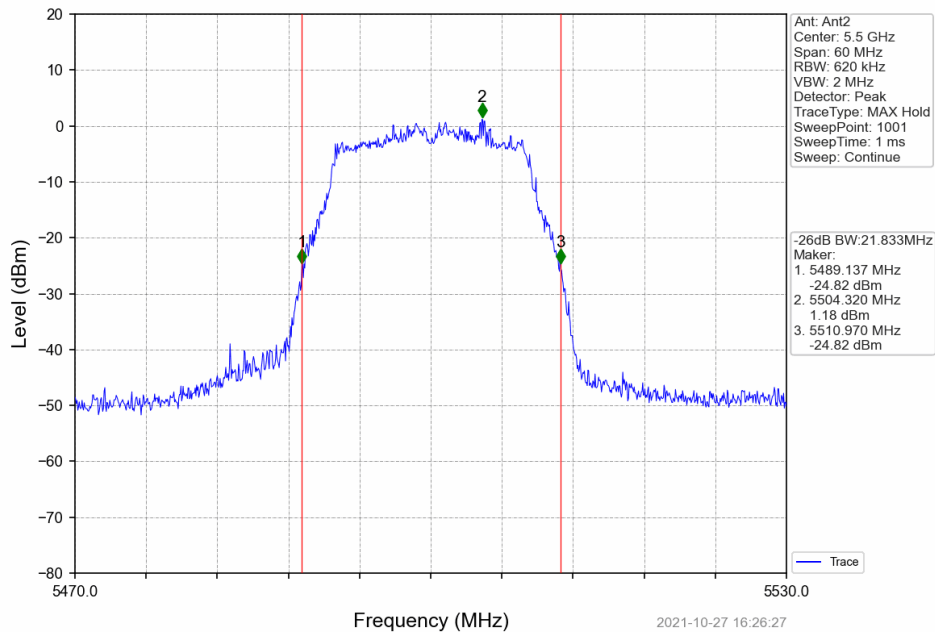


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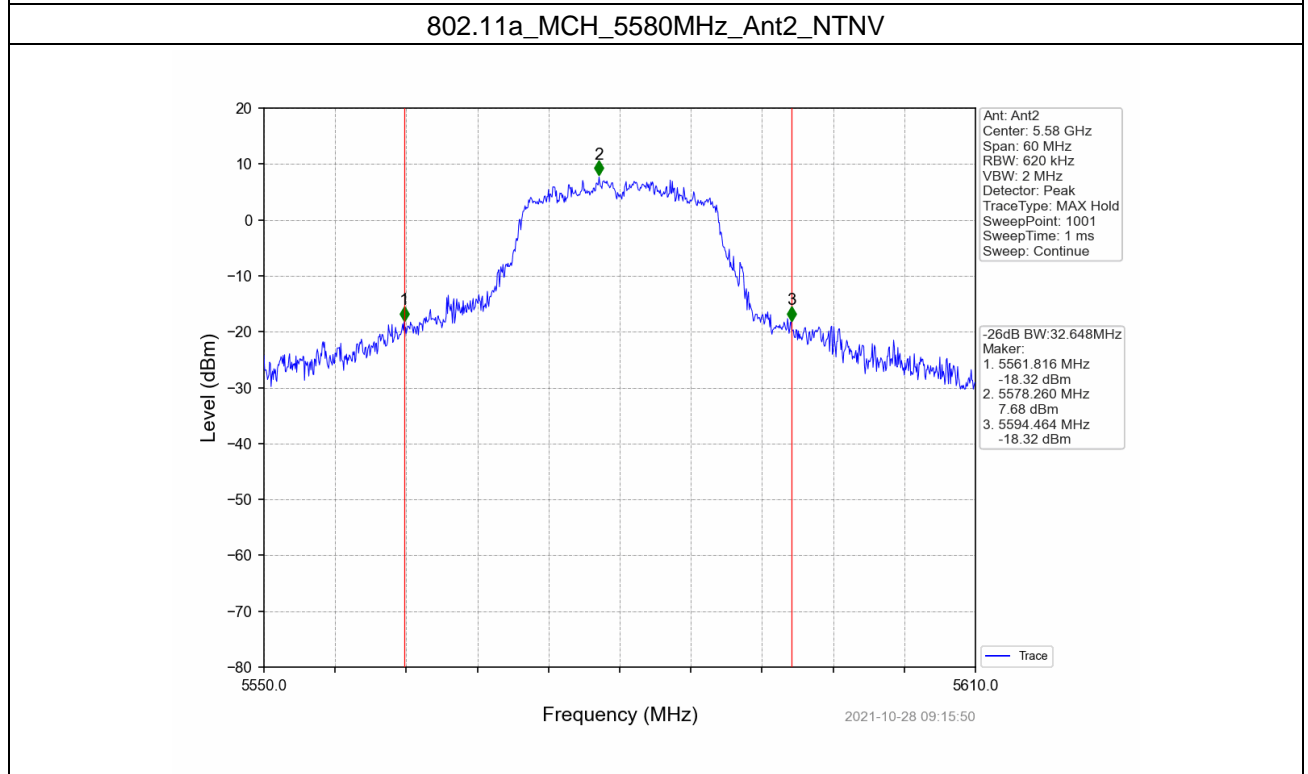
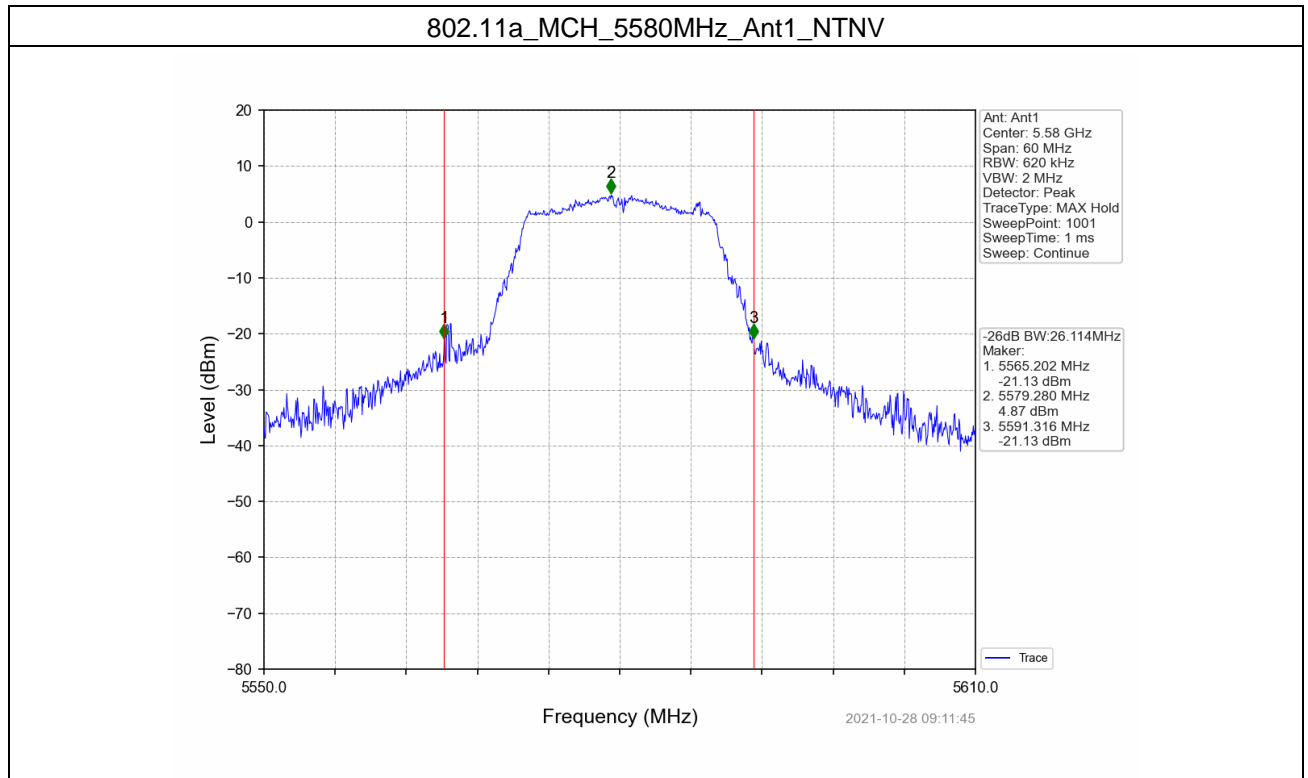
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant2_NTNV



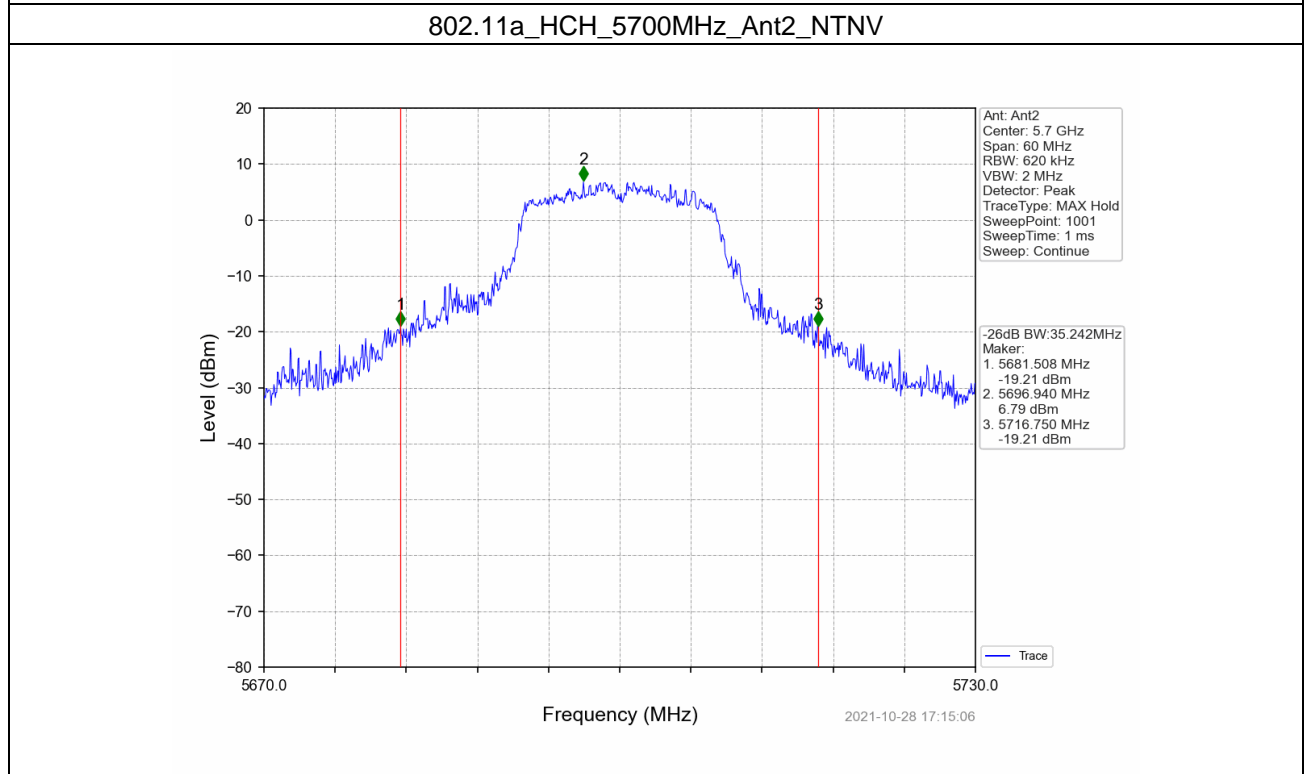
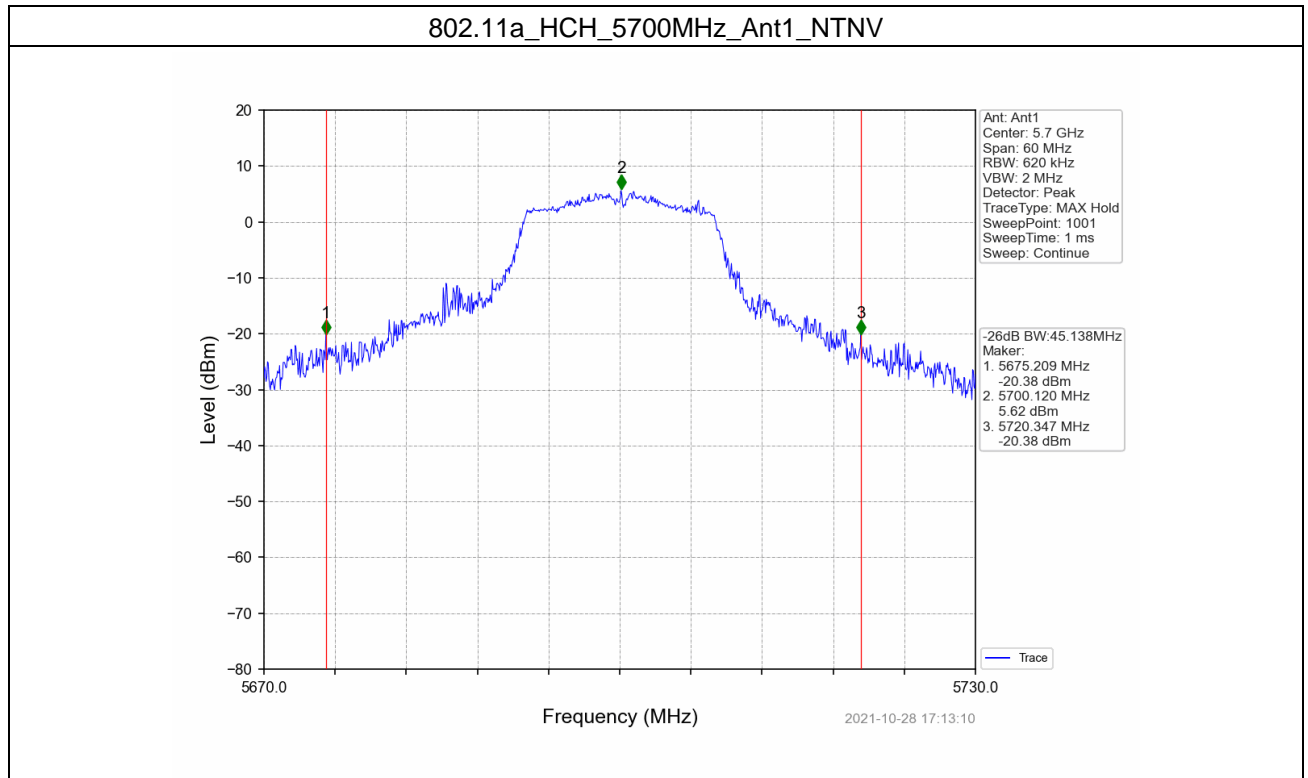
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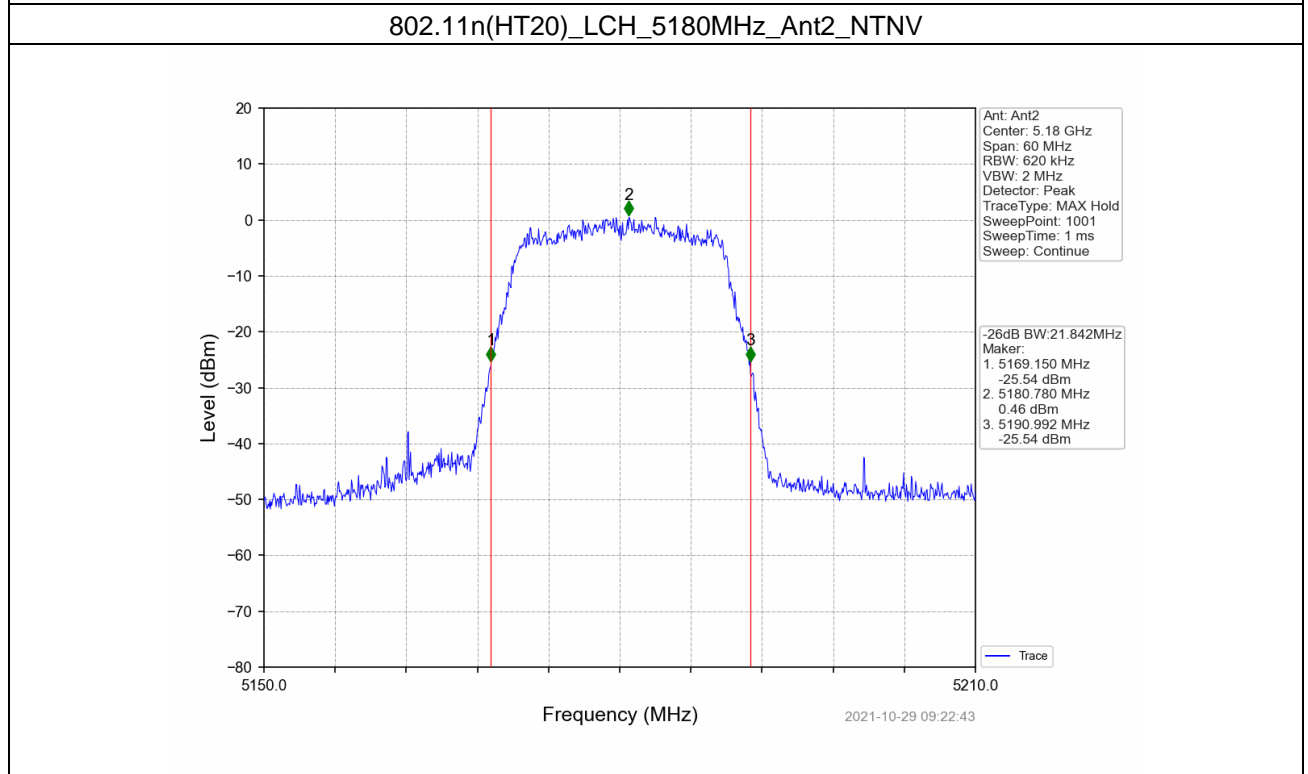
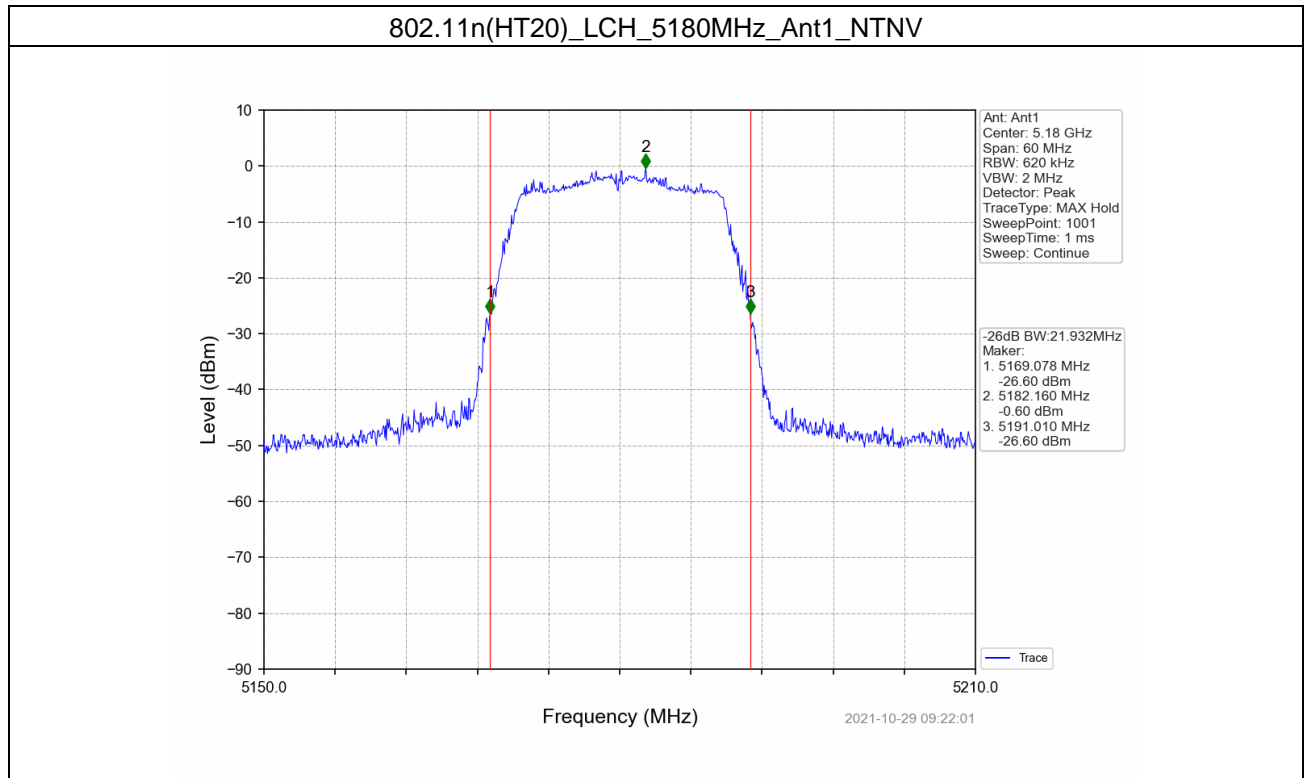
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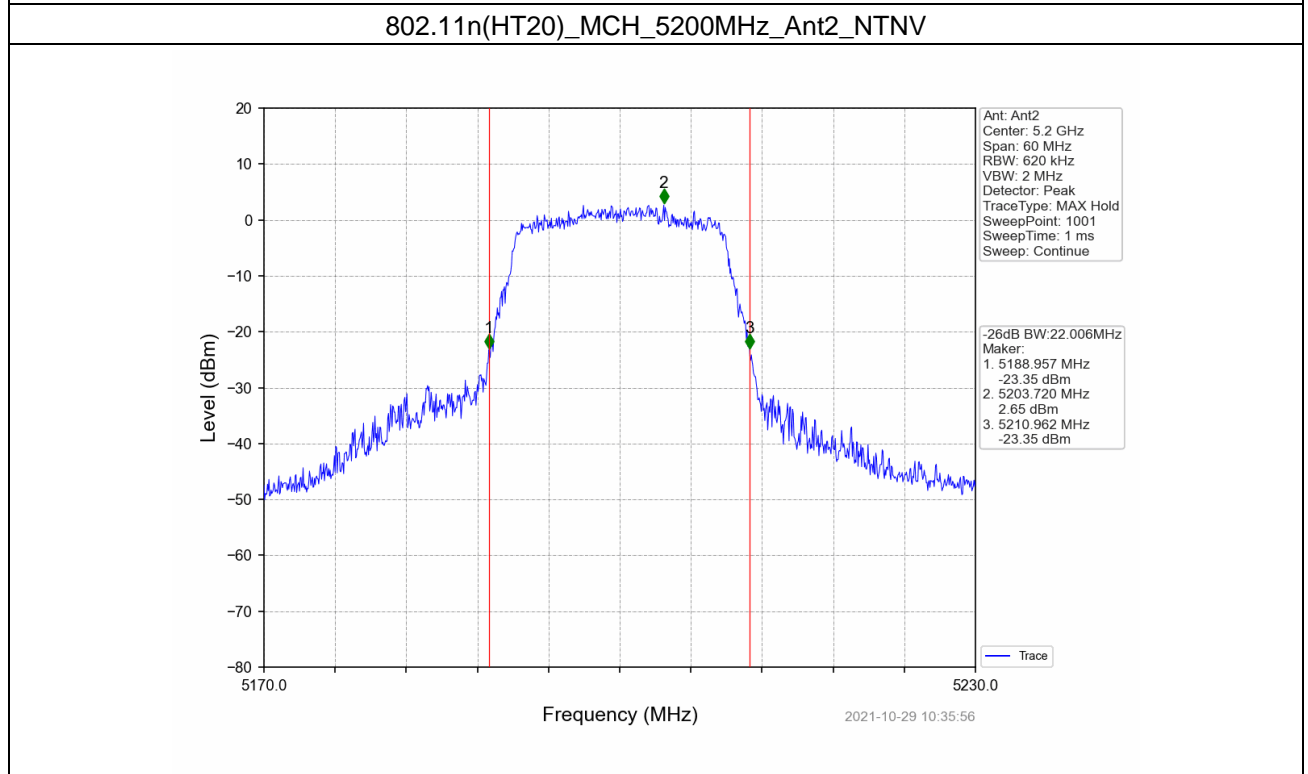
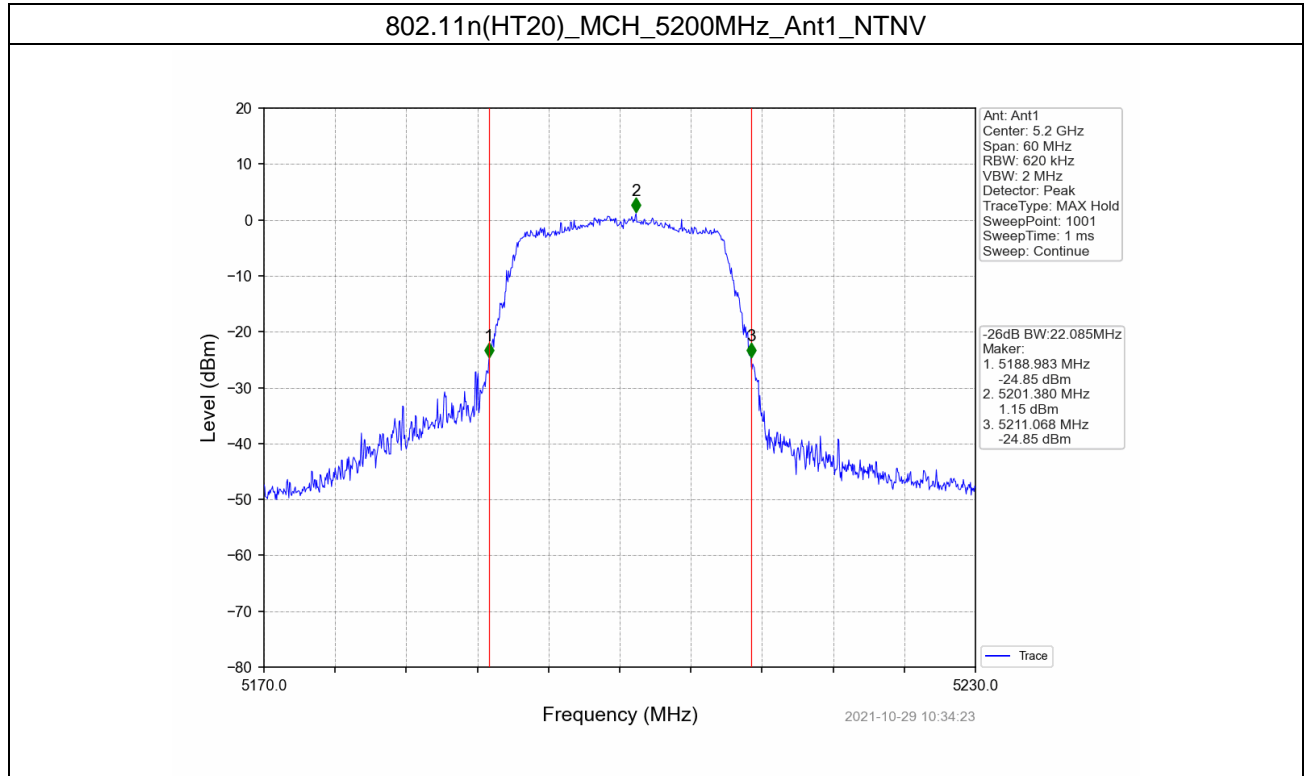


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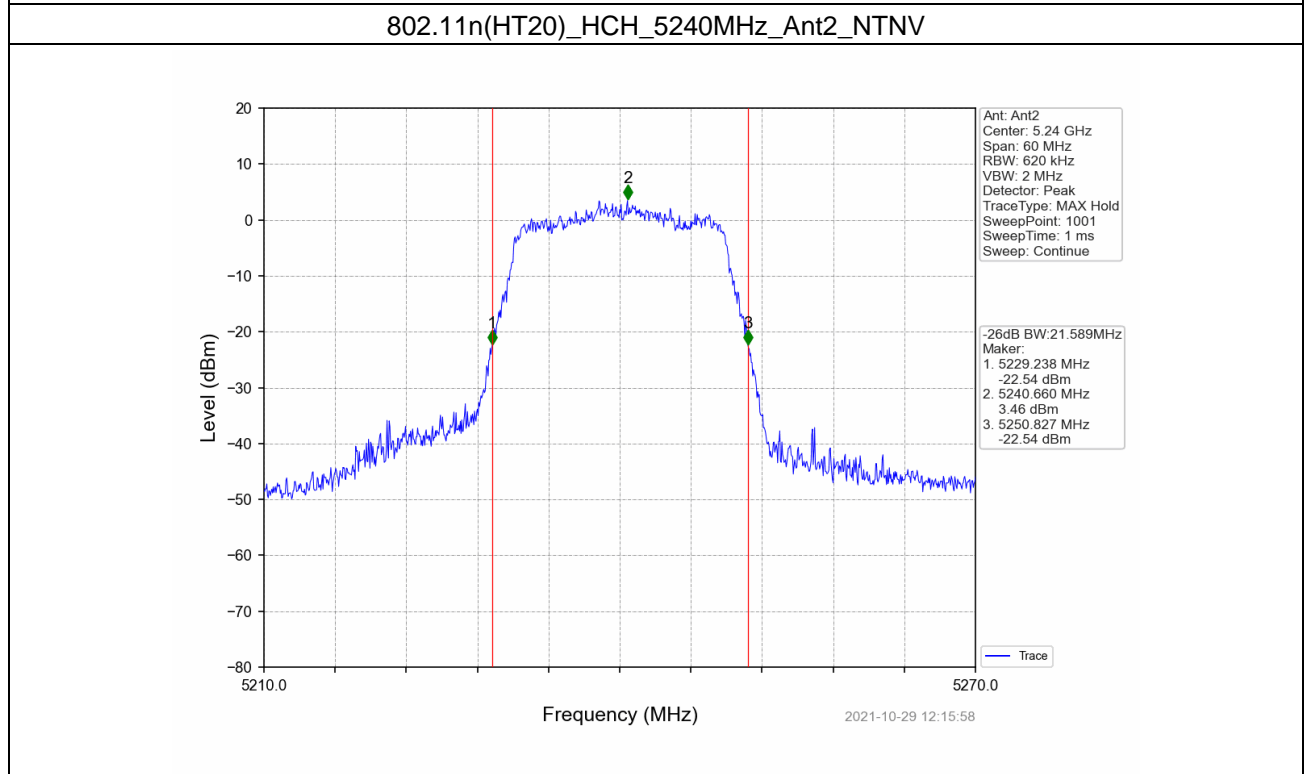
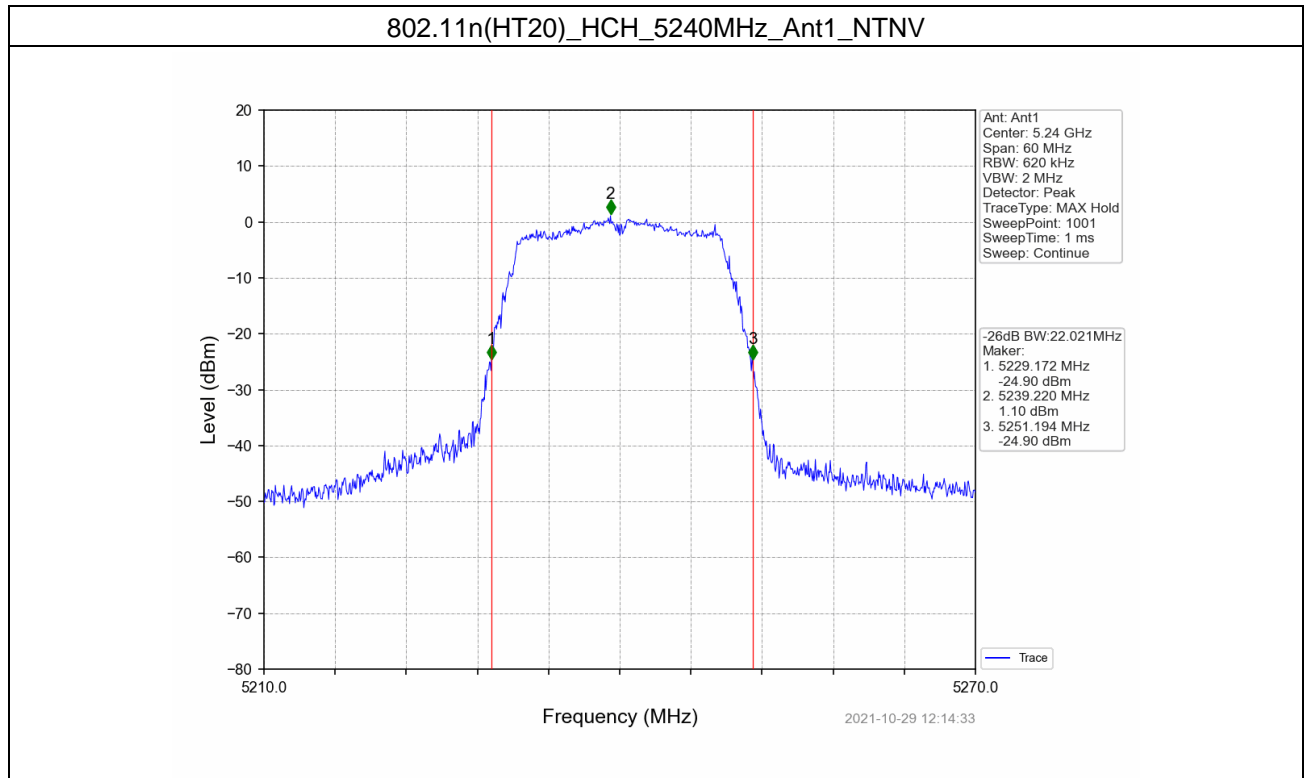
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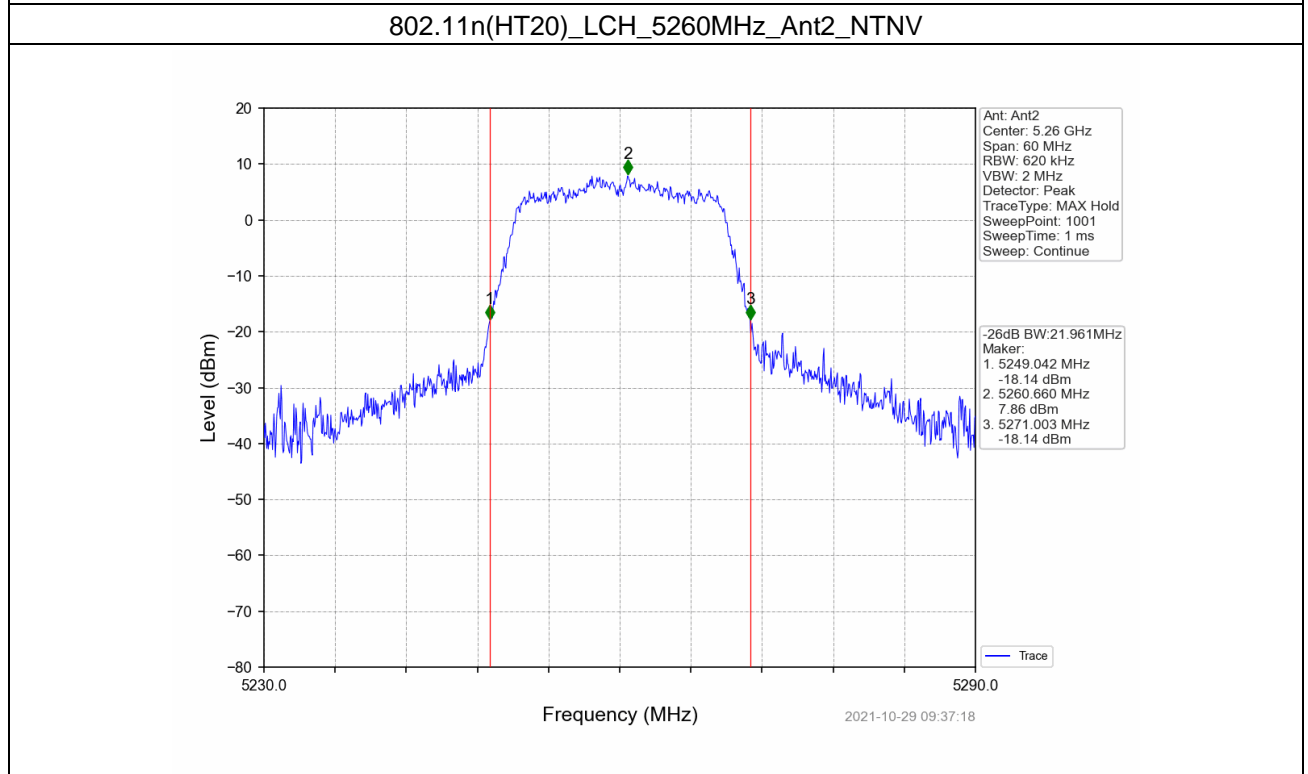
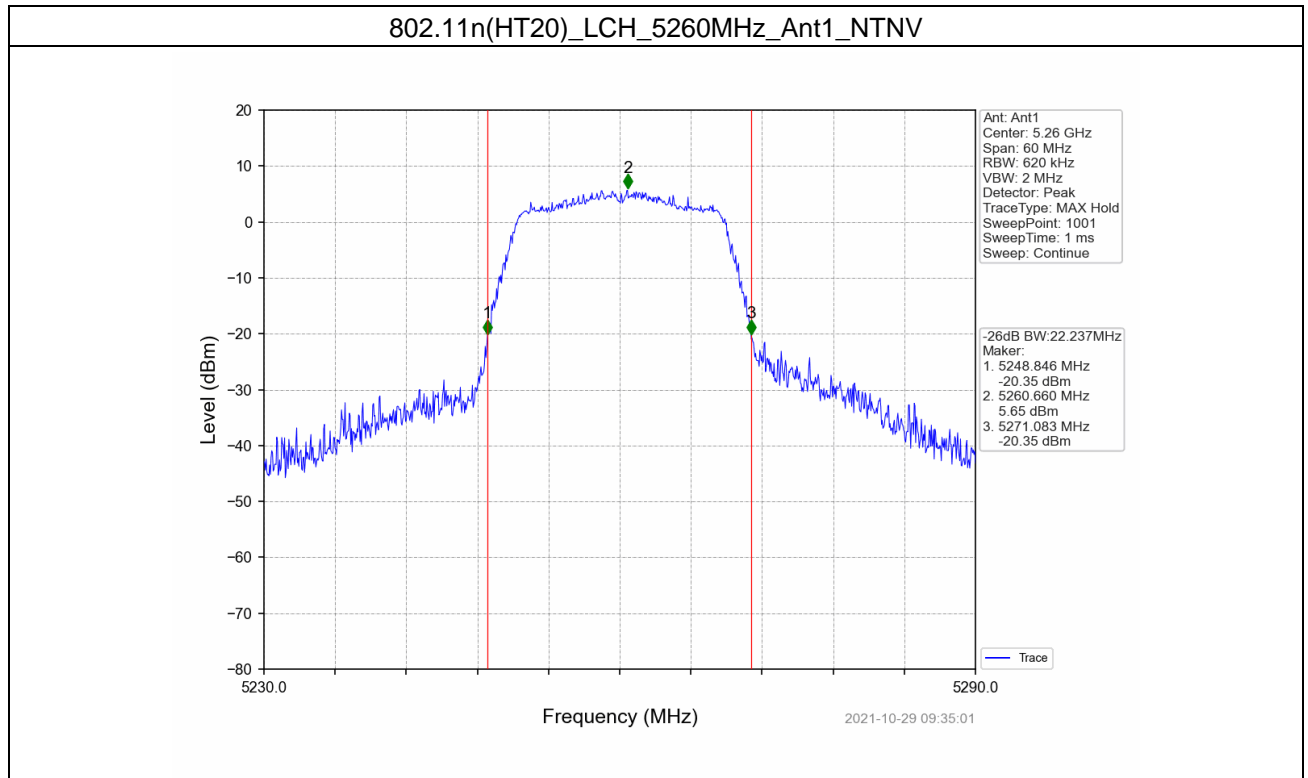
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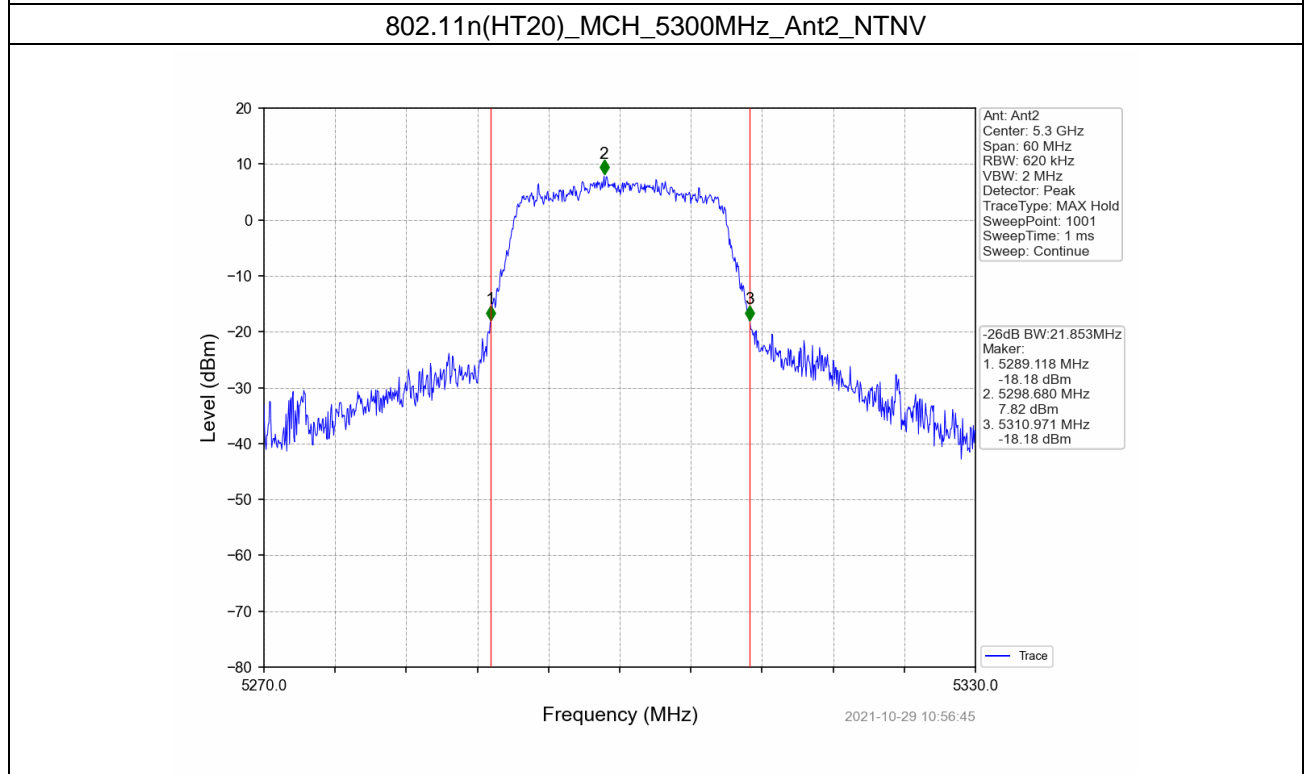
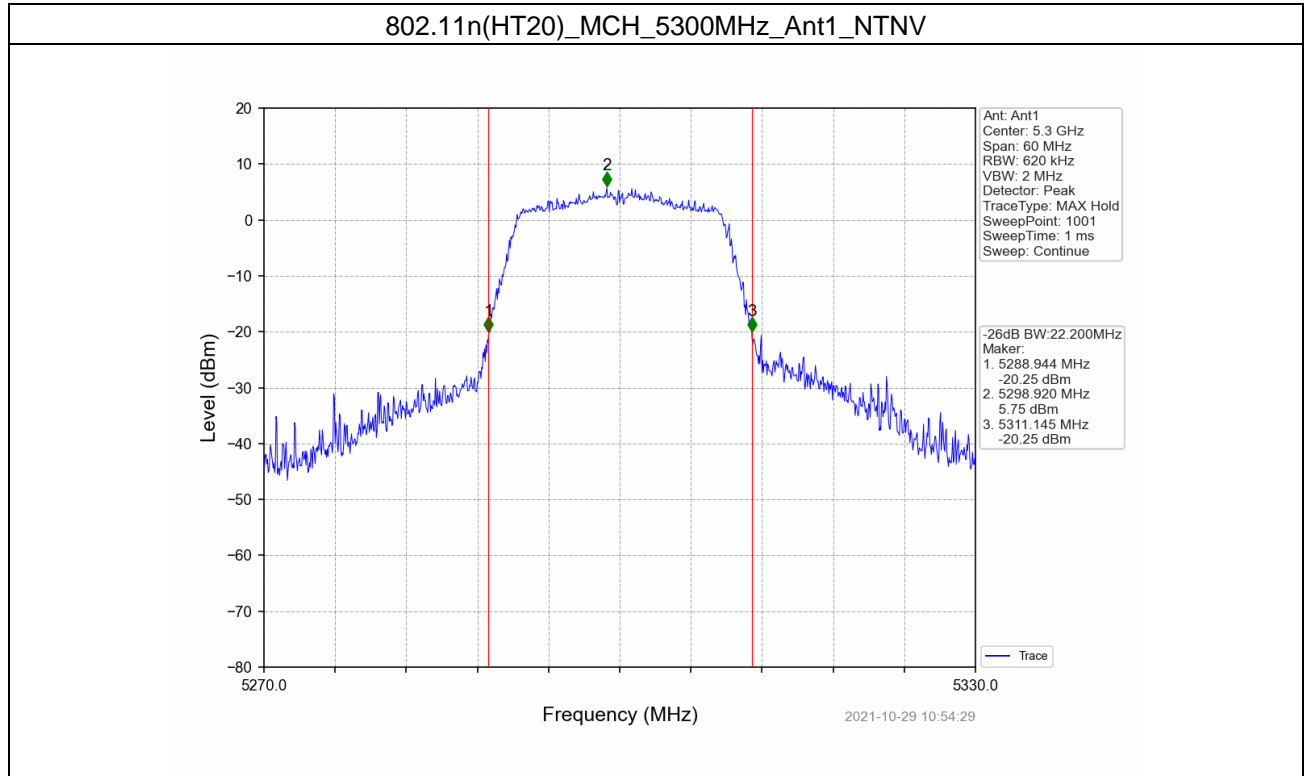
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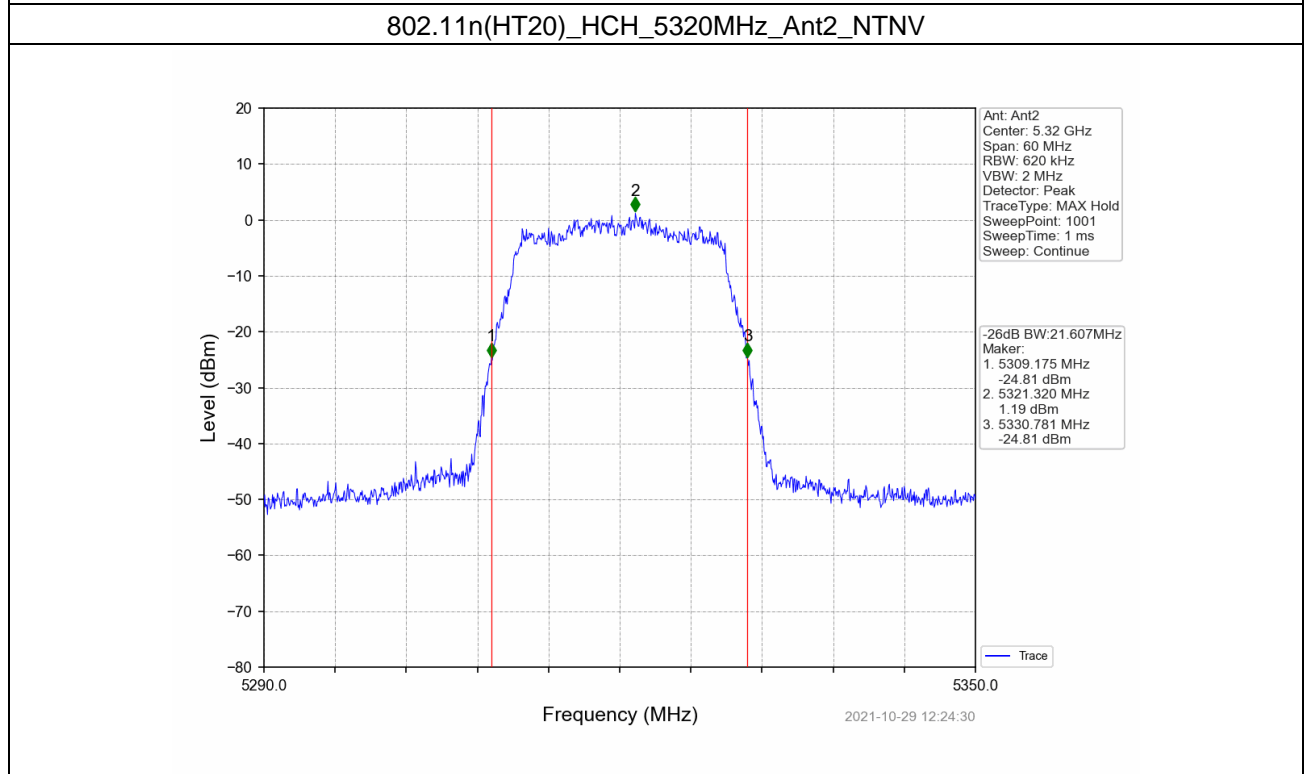
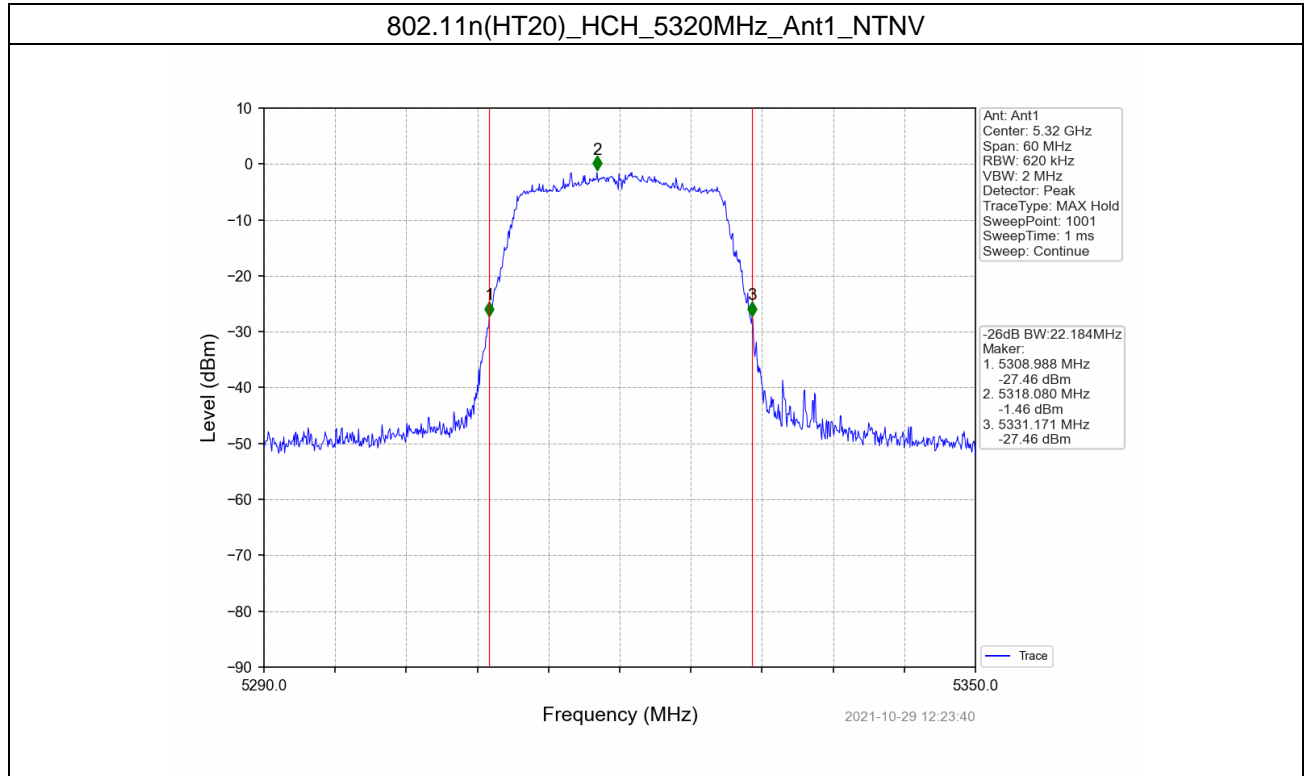
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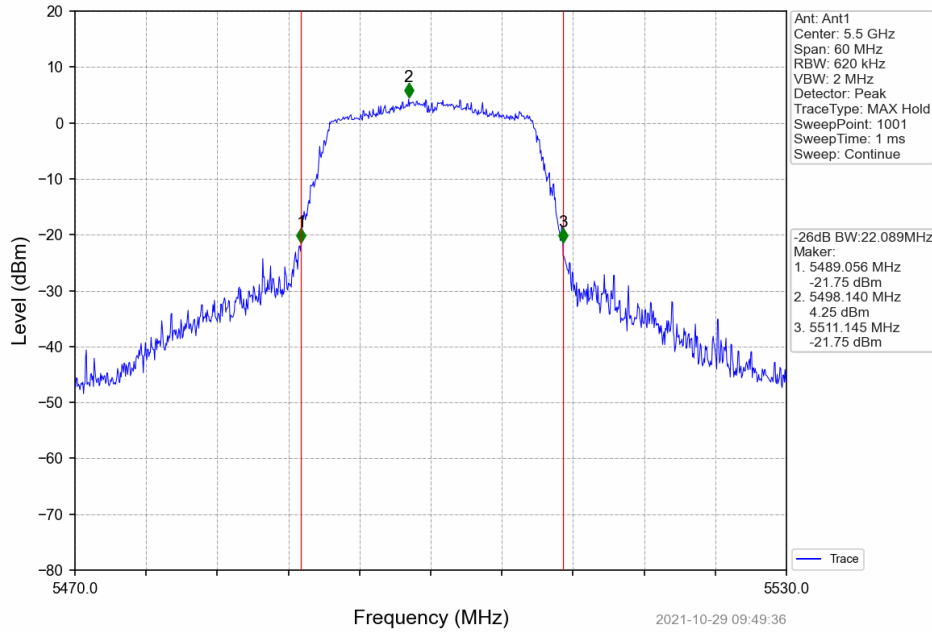
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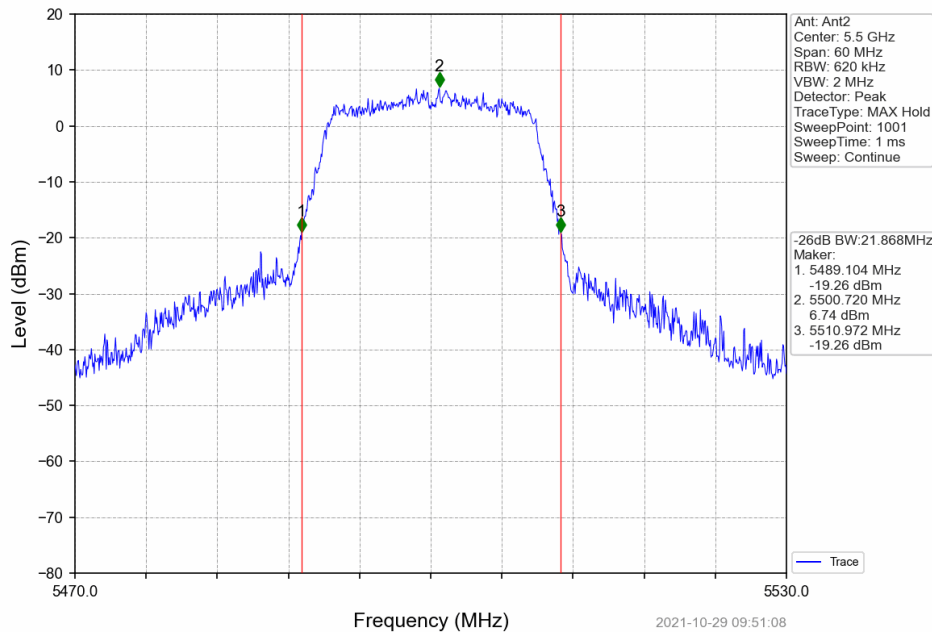


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802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



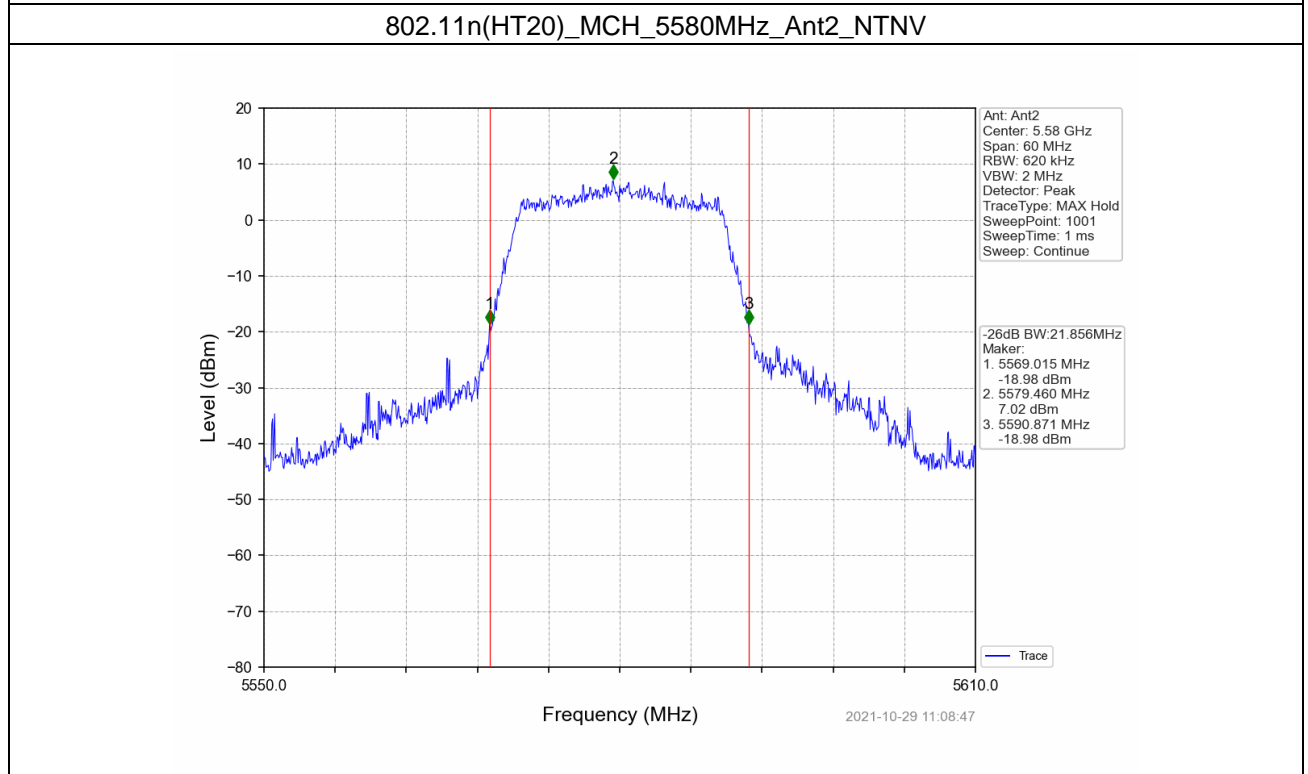
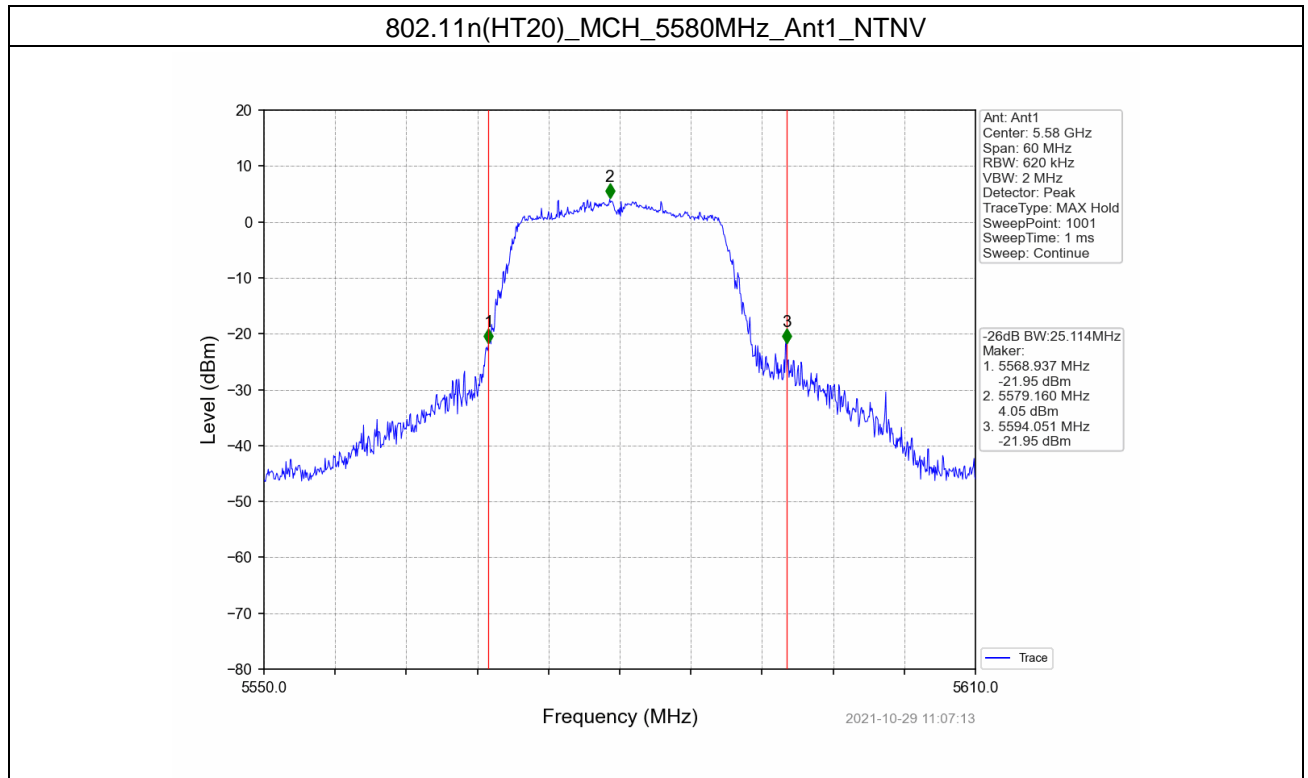
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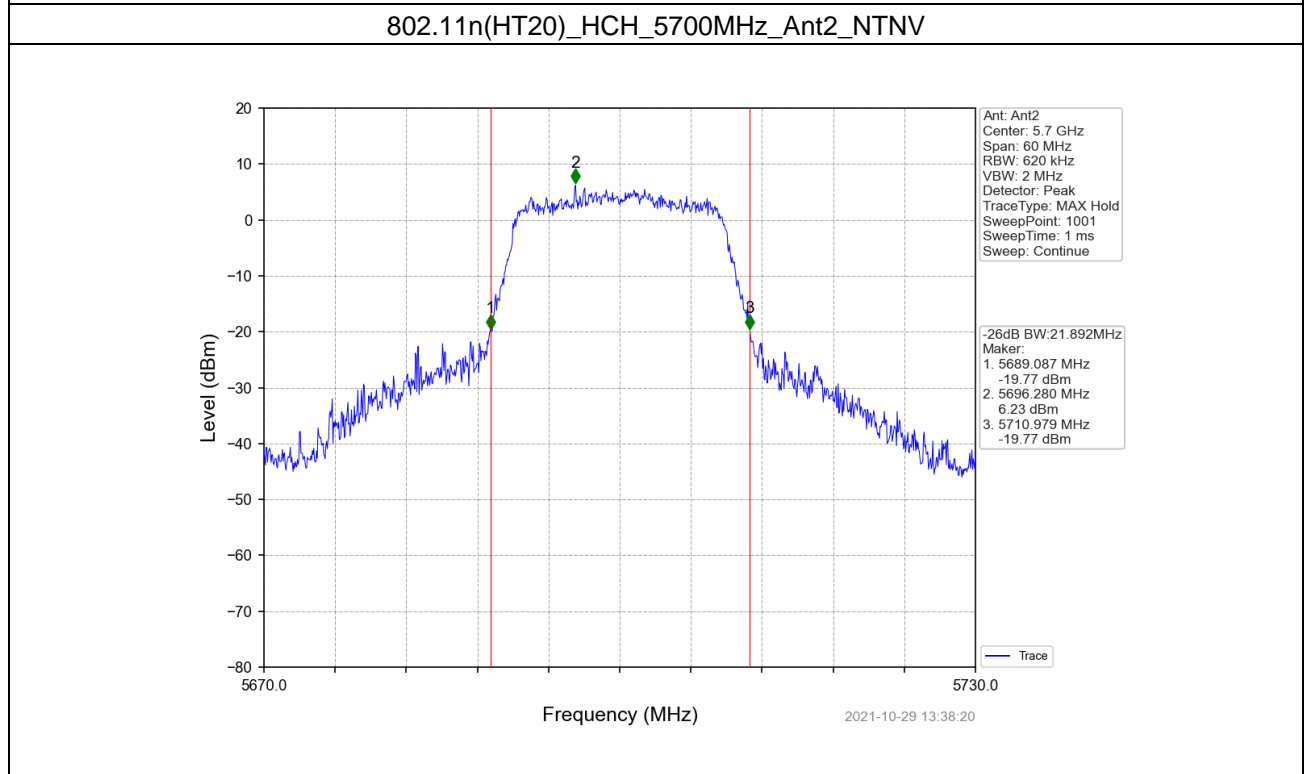
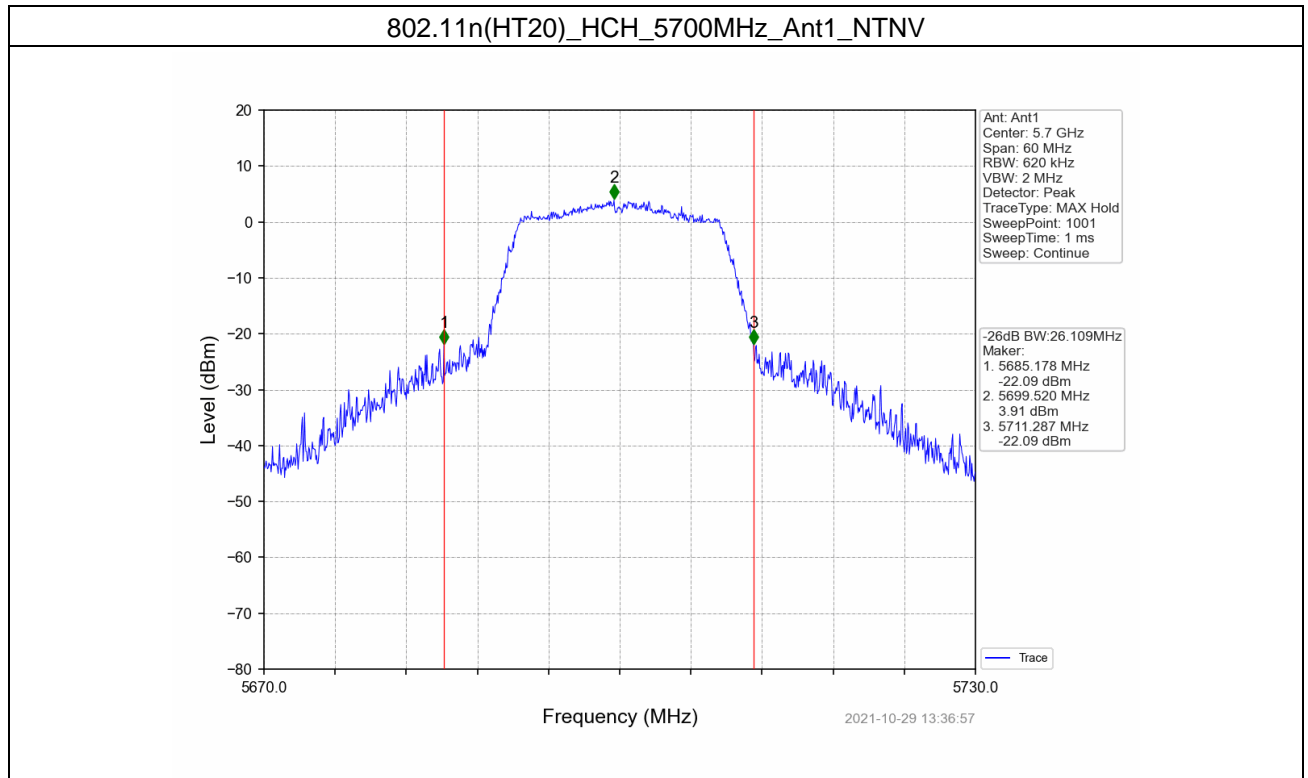
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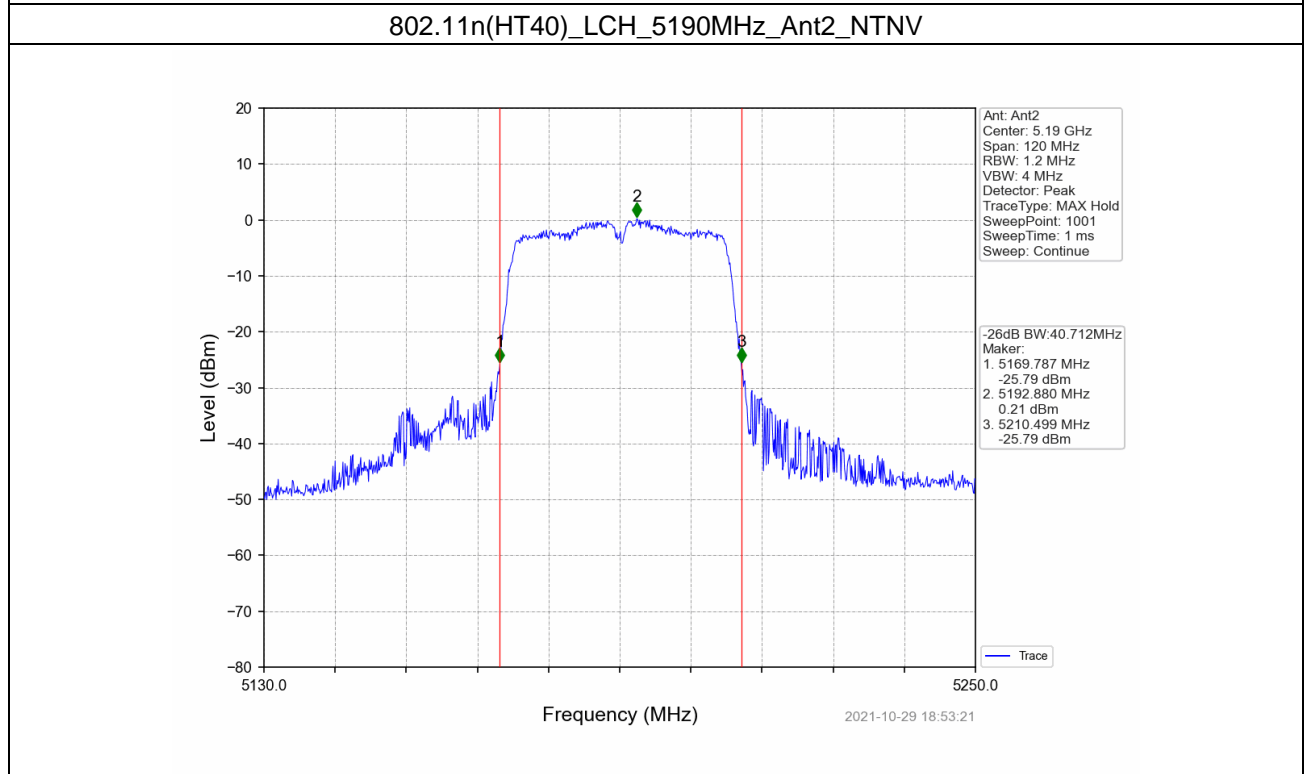
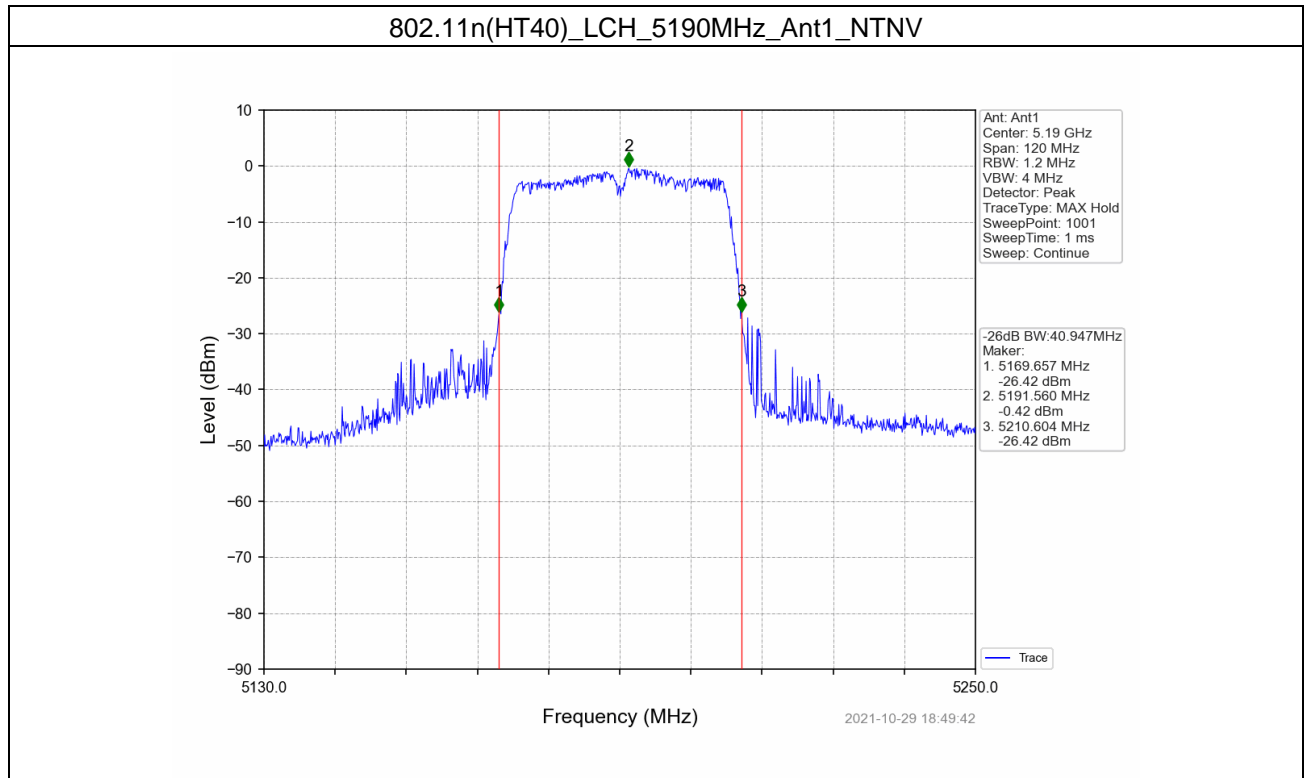
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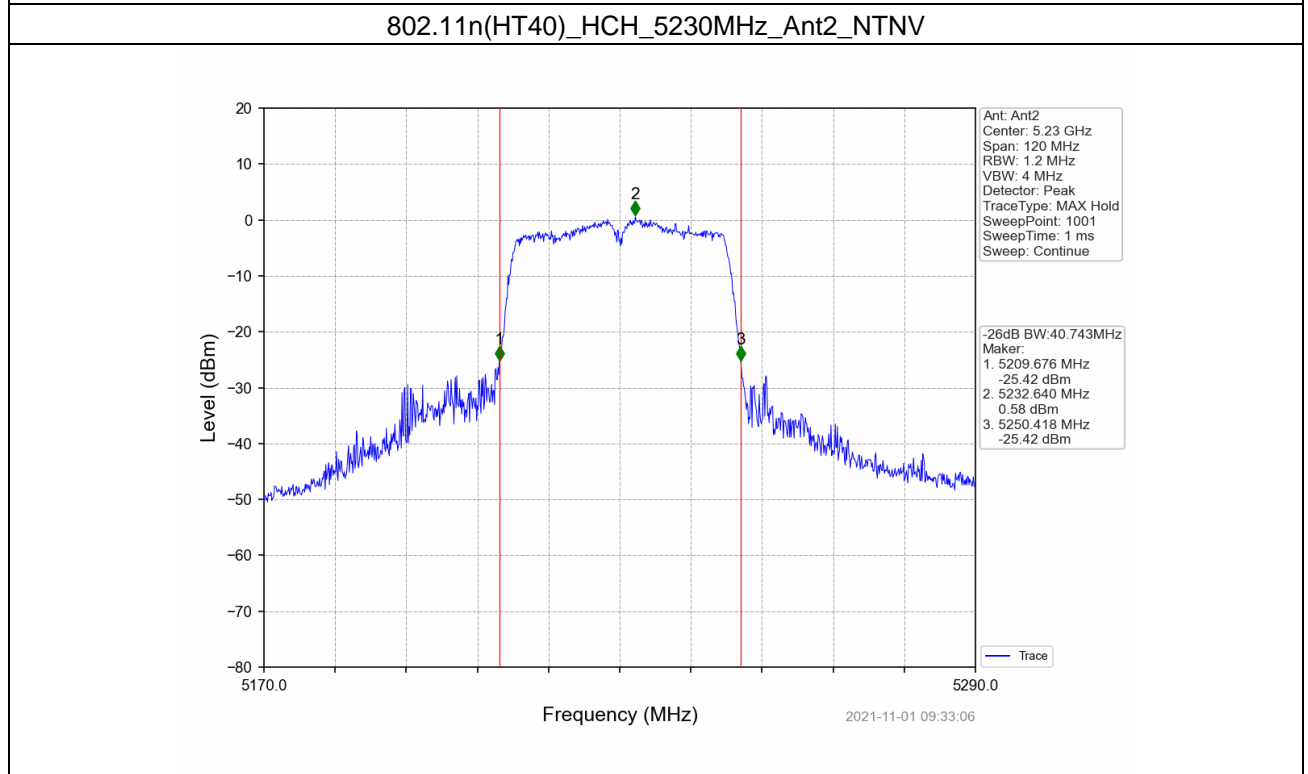
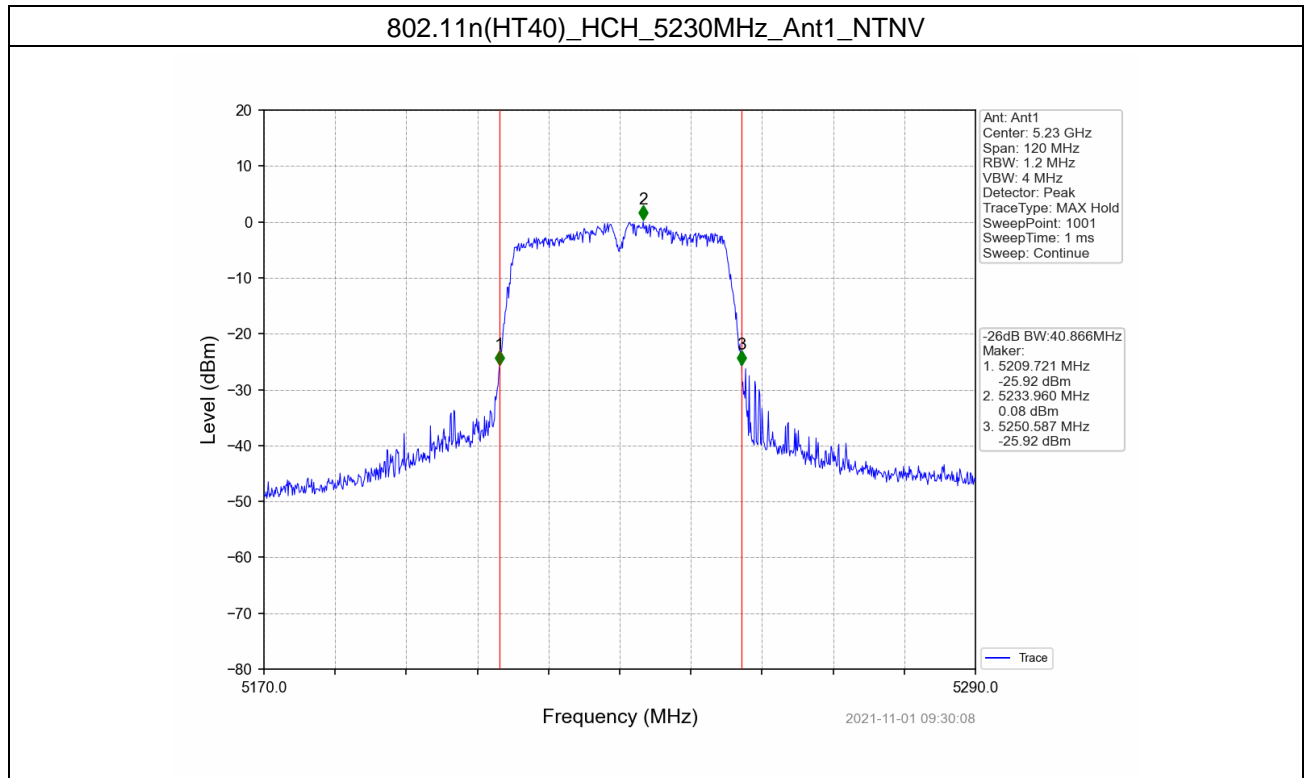
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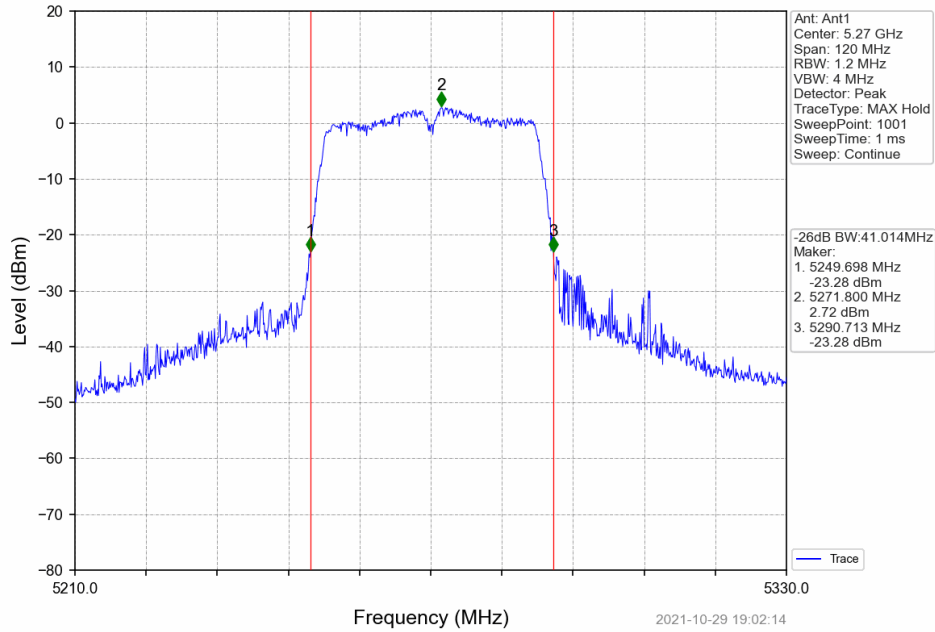


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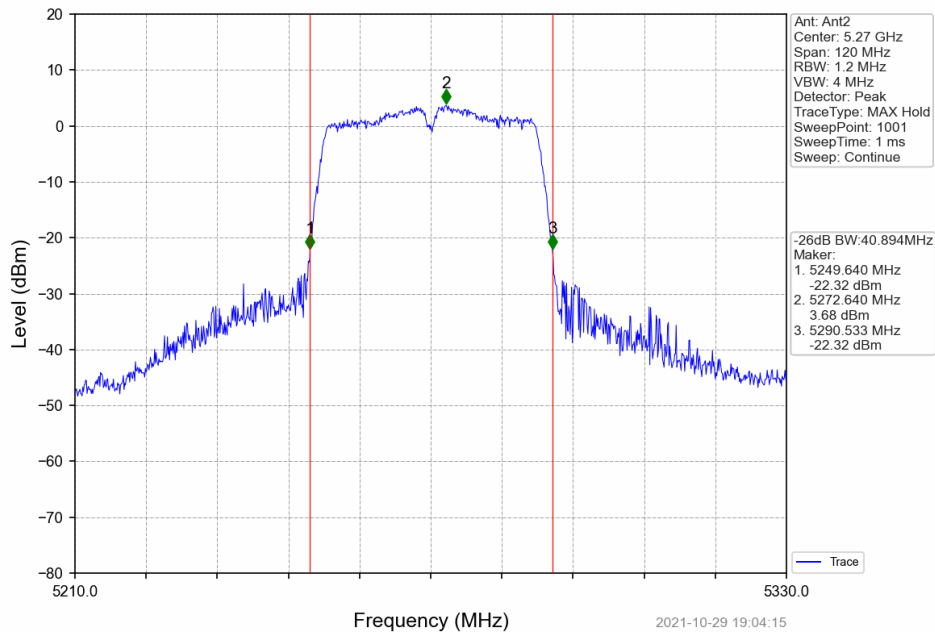


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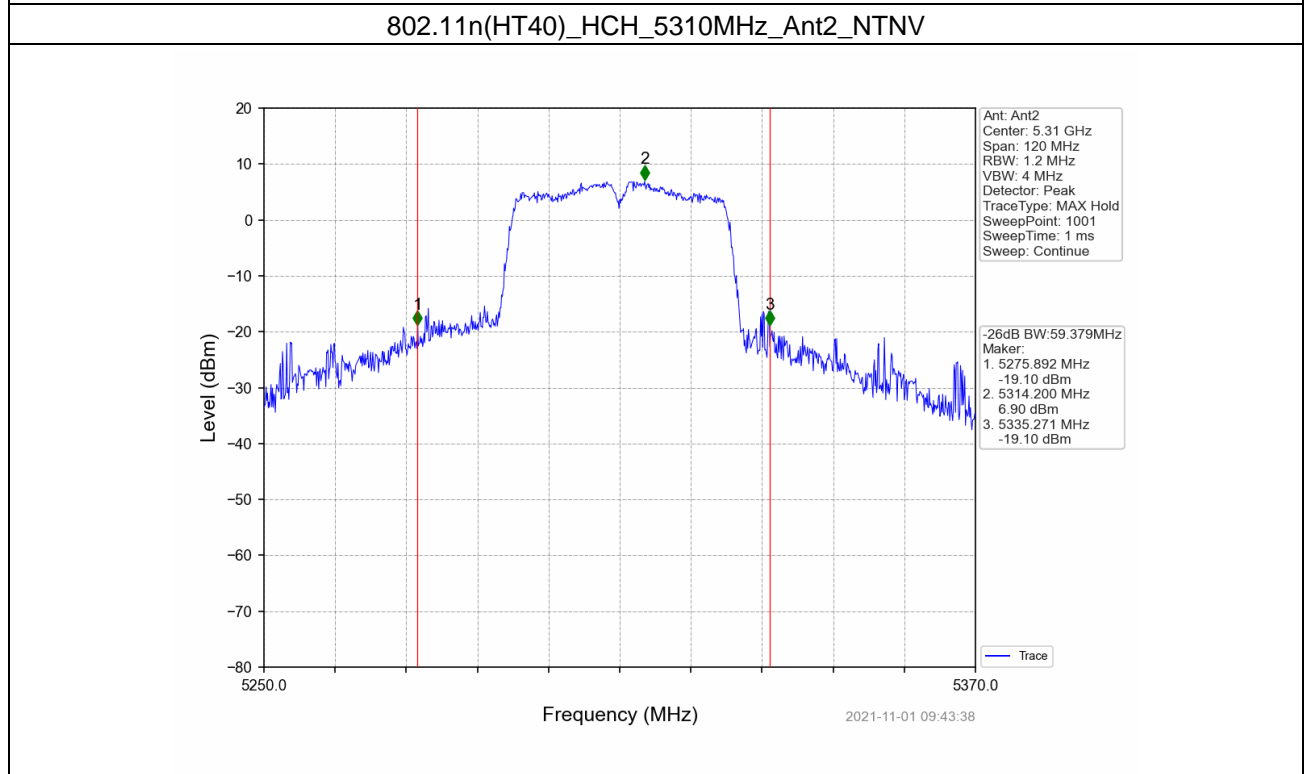
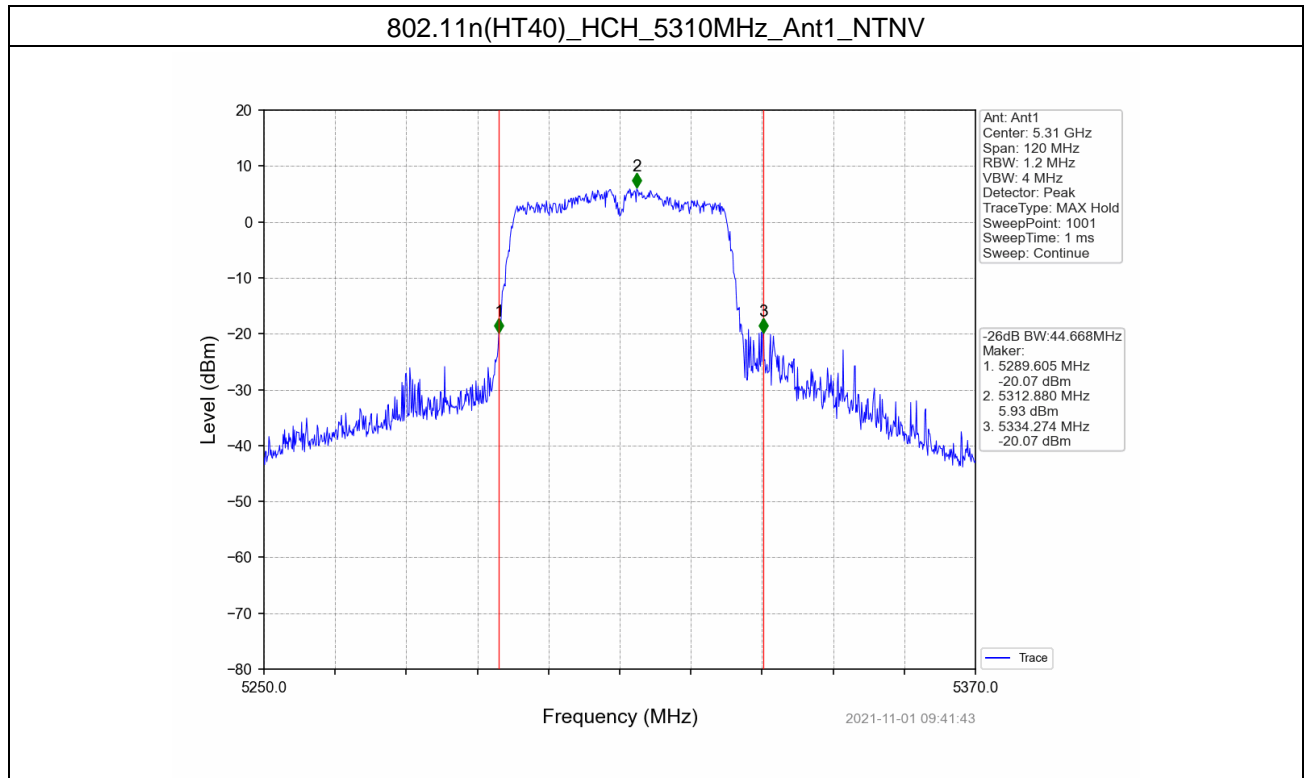
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_LCH_5270MHz_Ant2_NTNV



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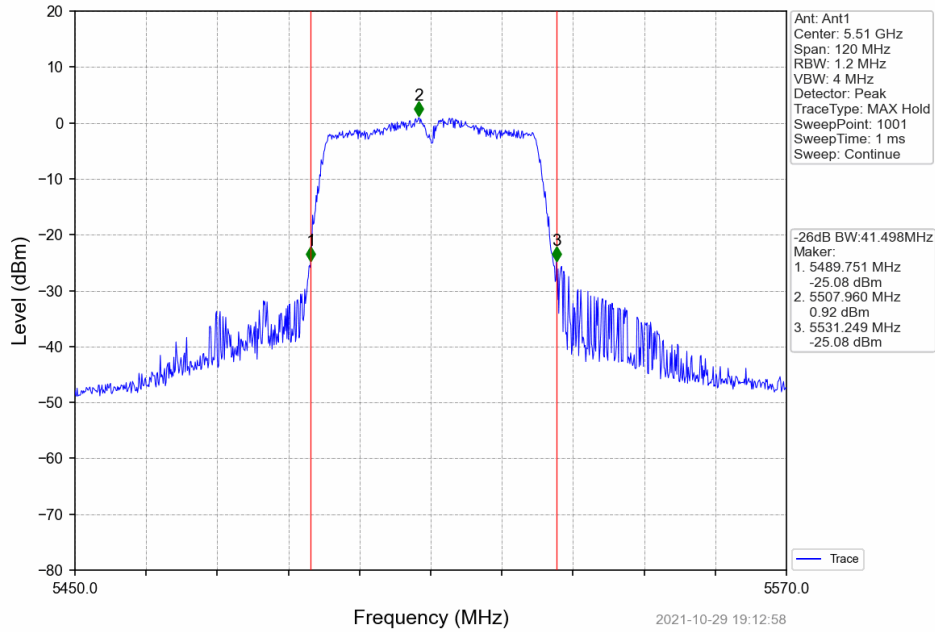


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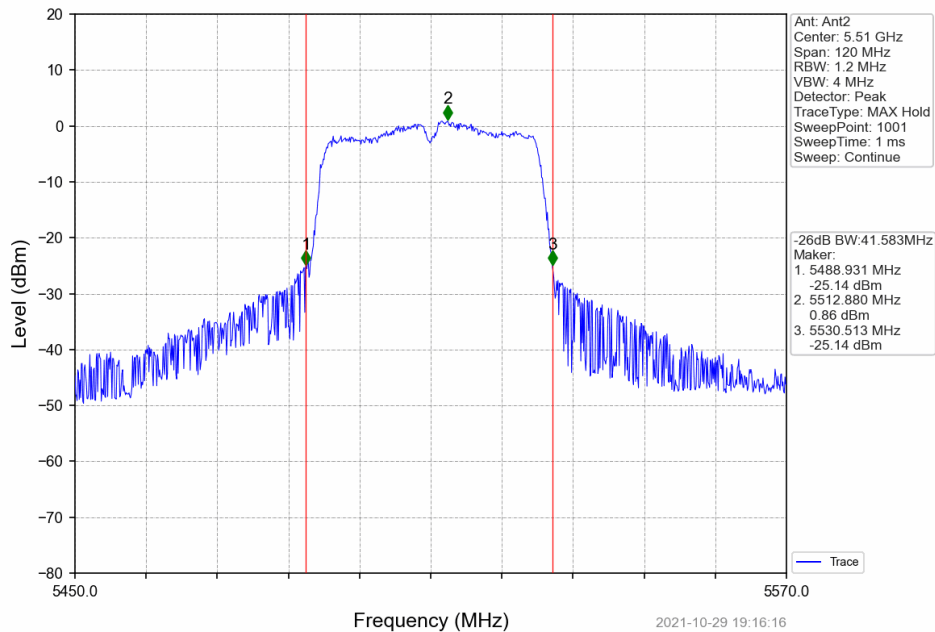
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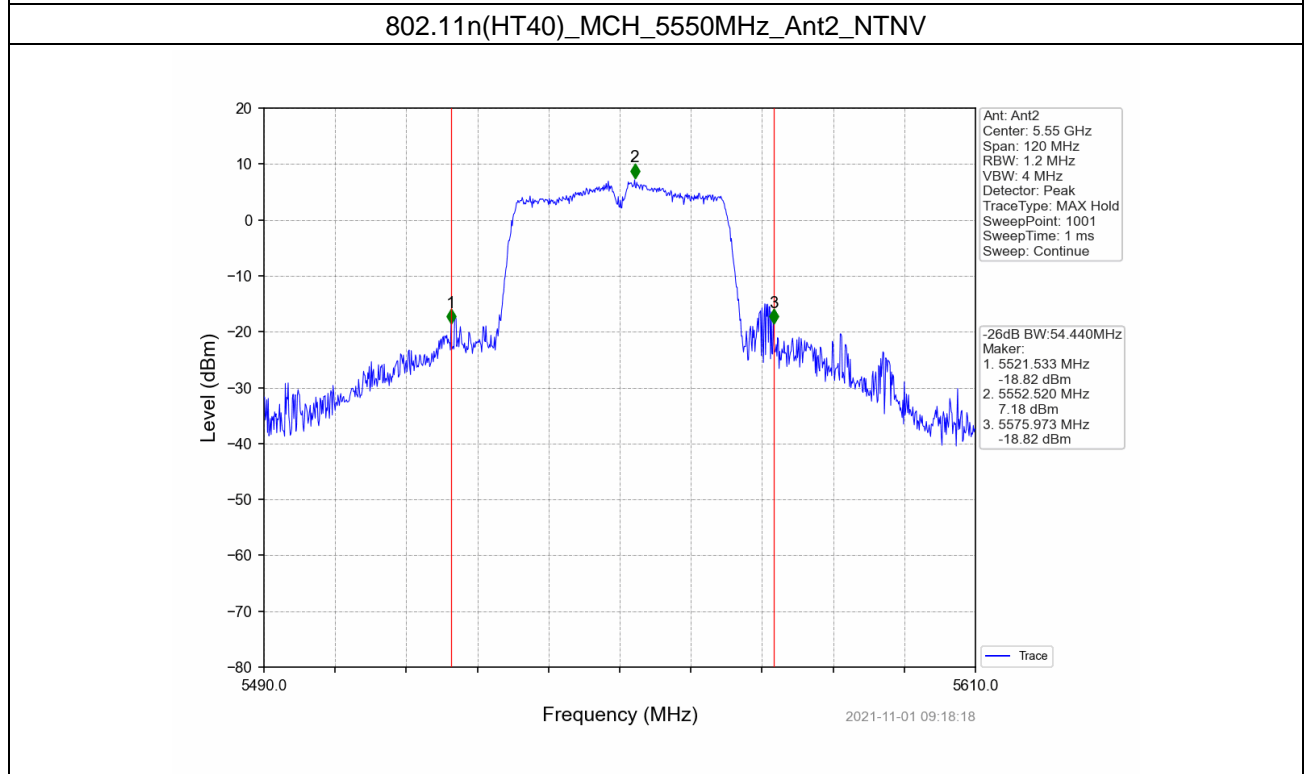
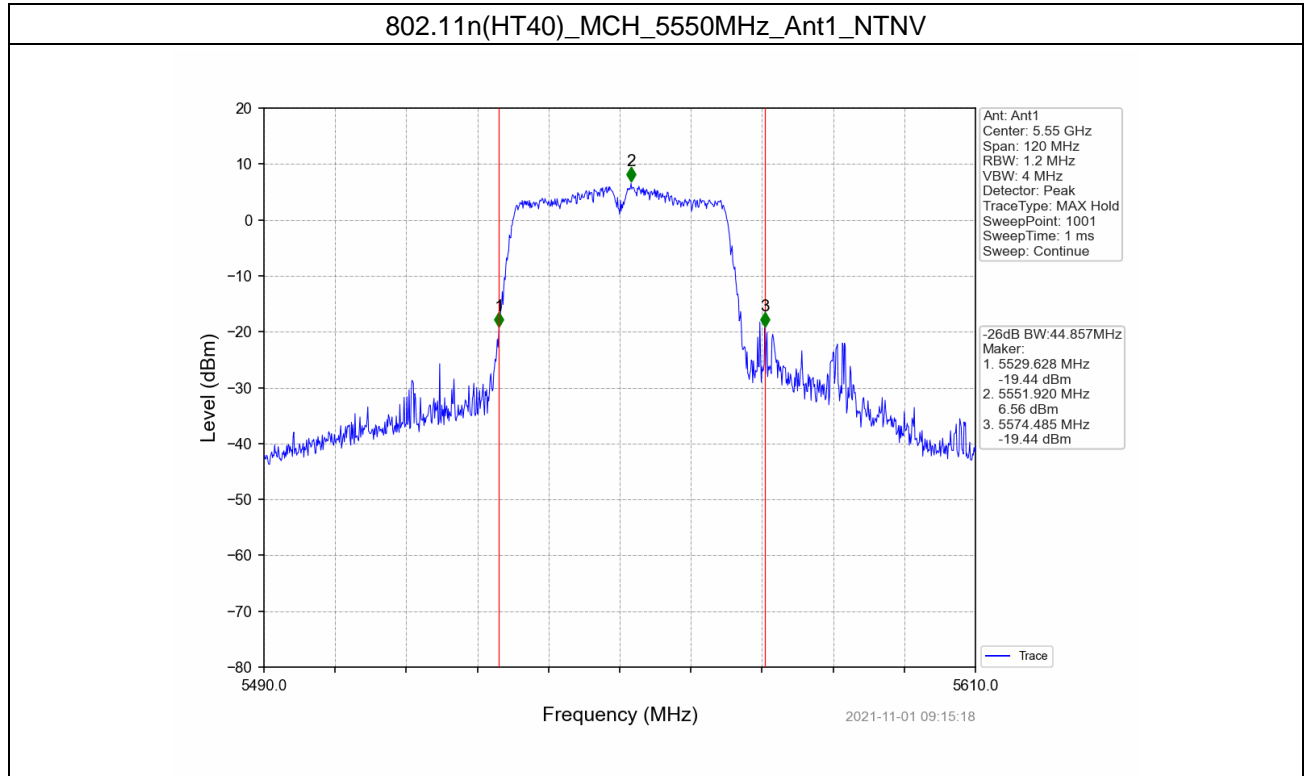
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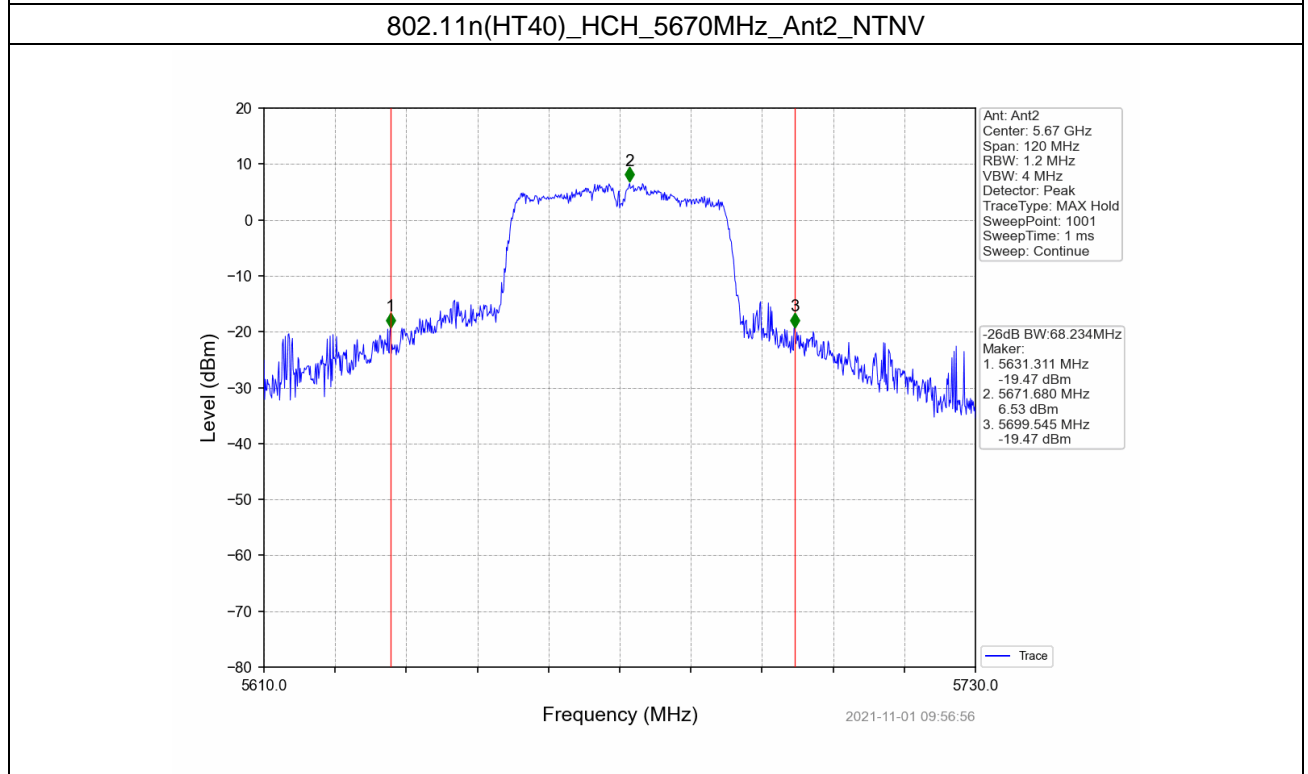
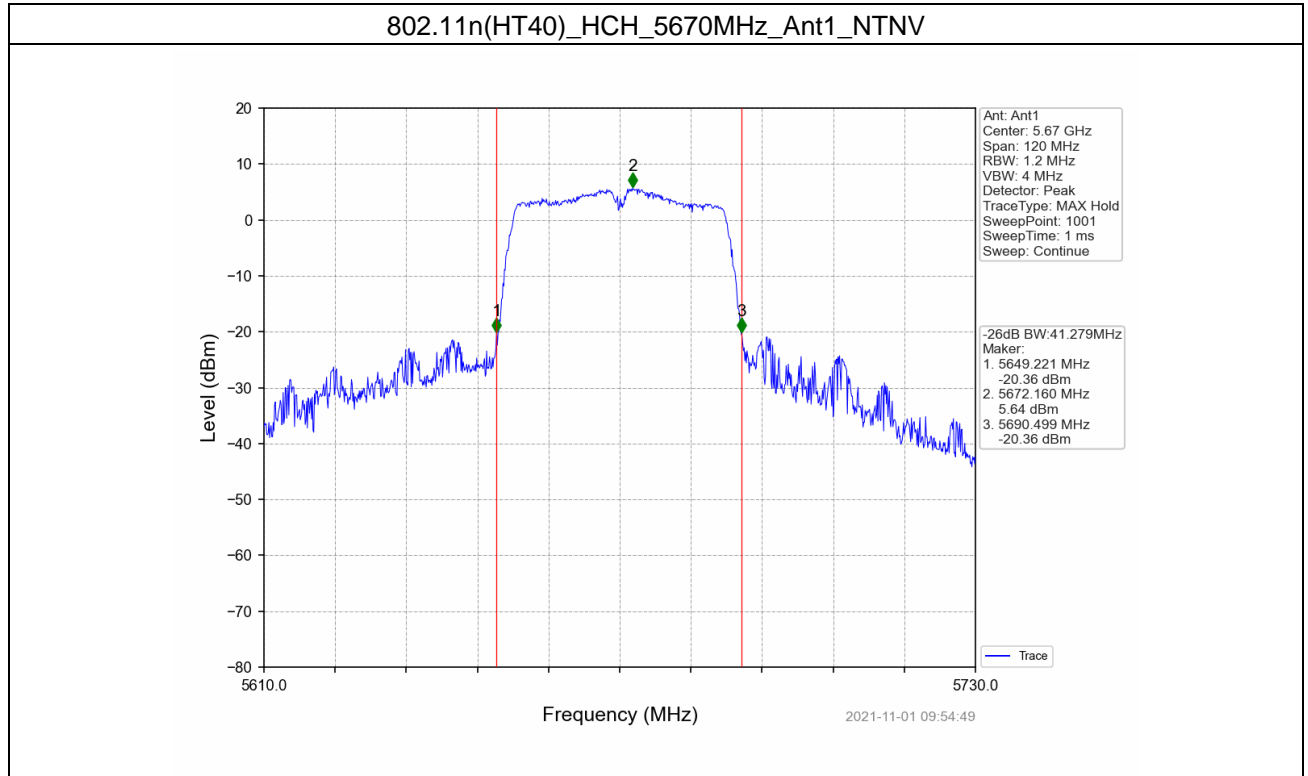
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



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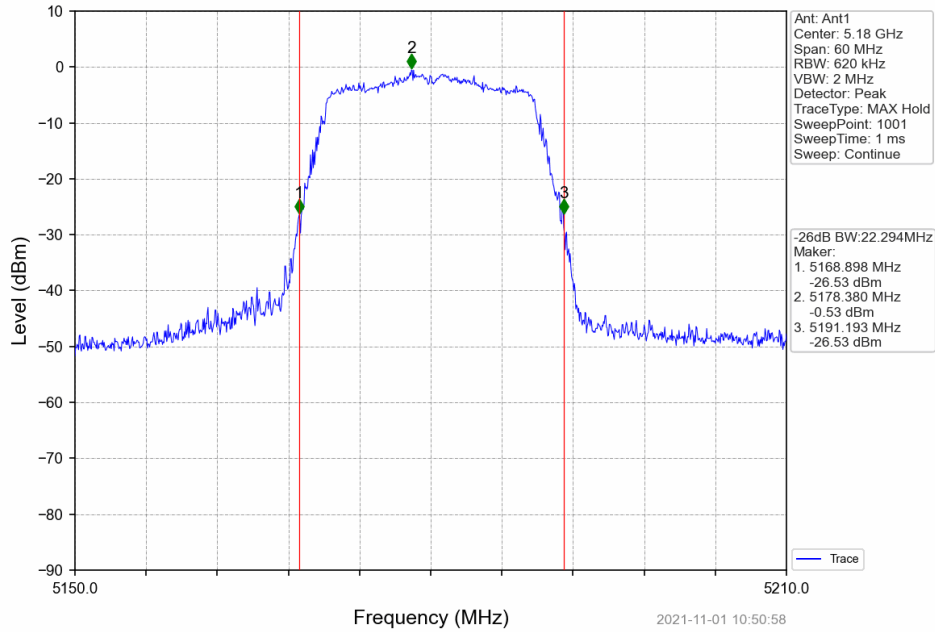


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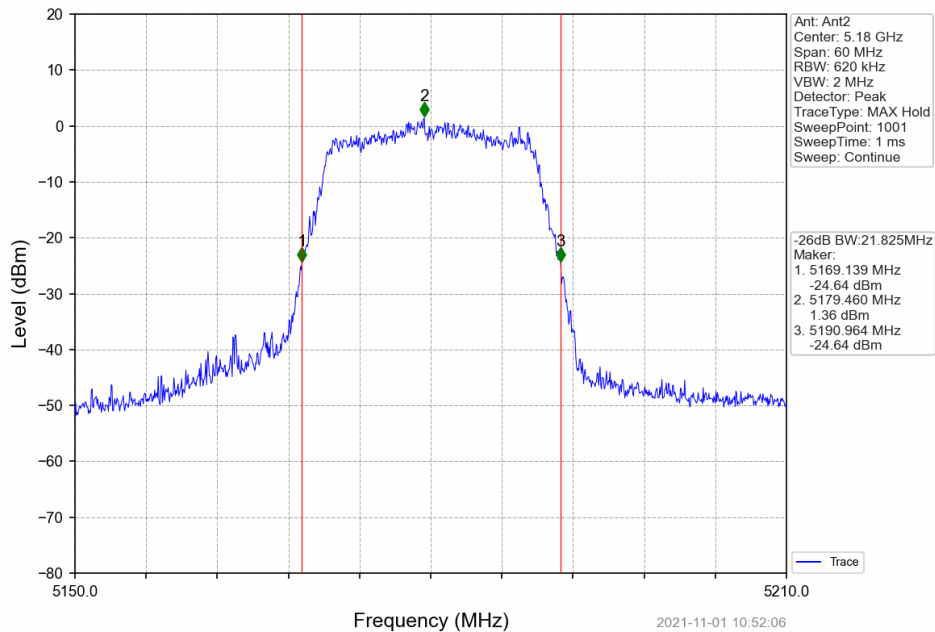


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802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

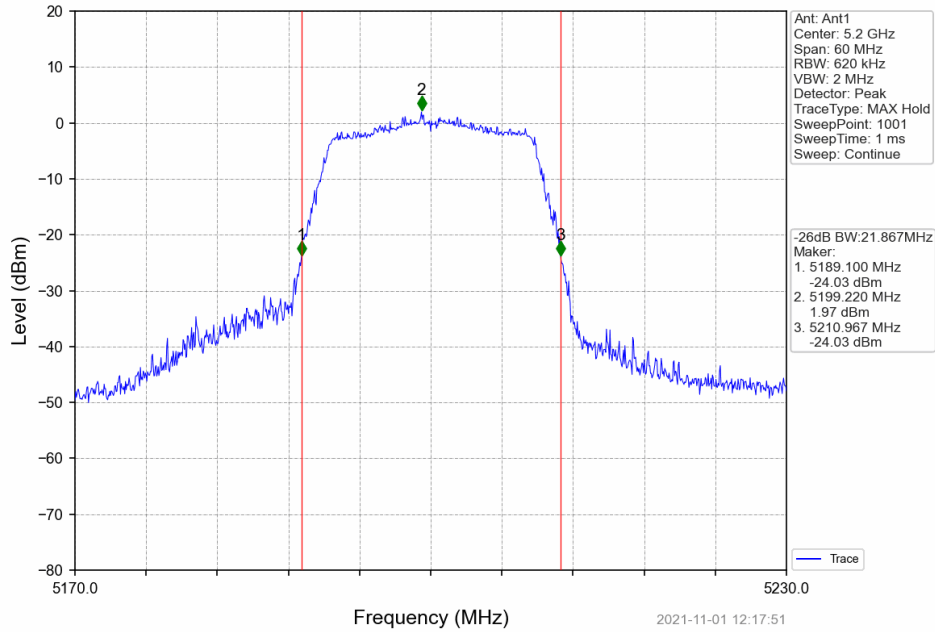


802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV

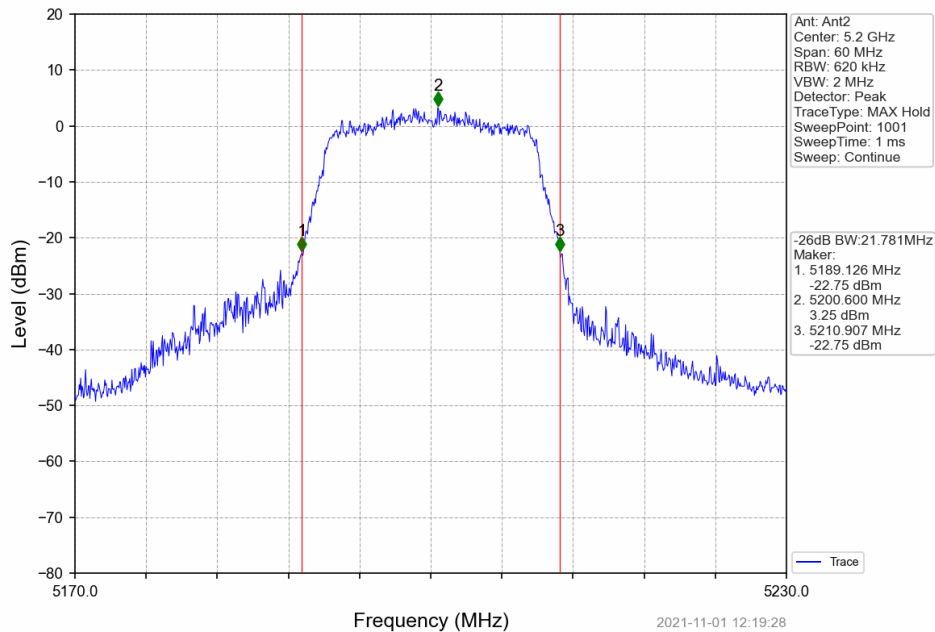


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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

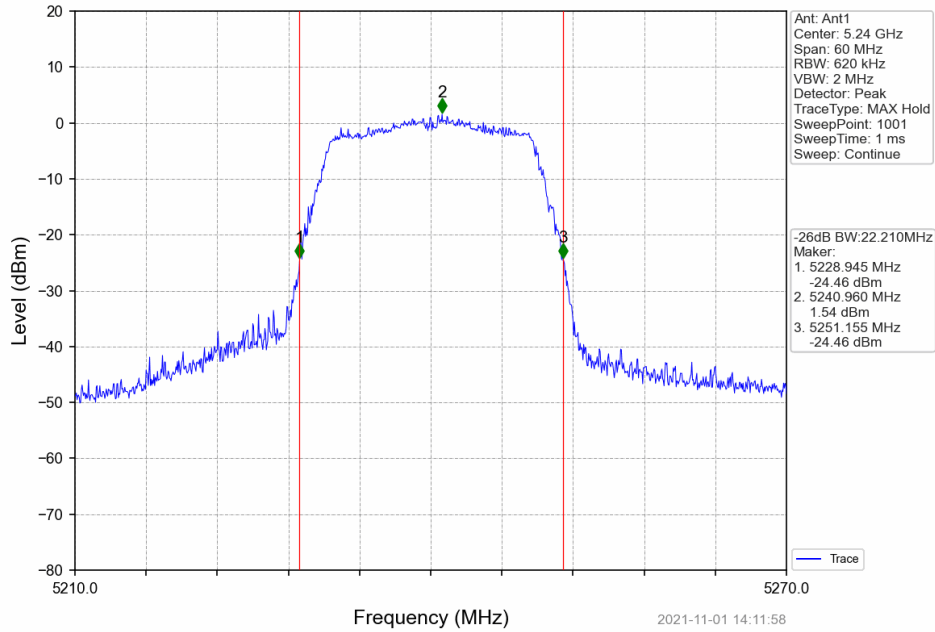


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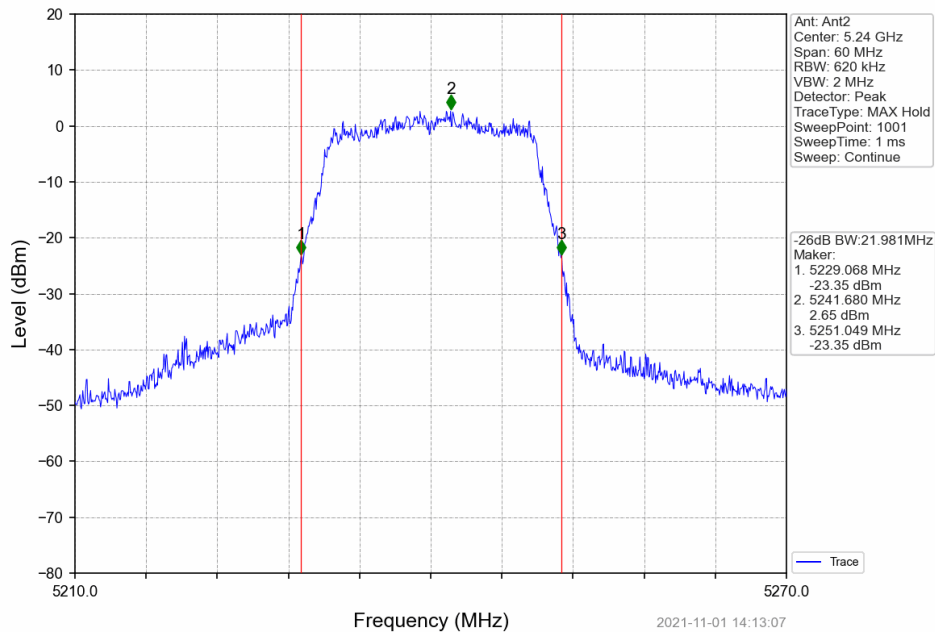
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802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

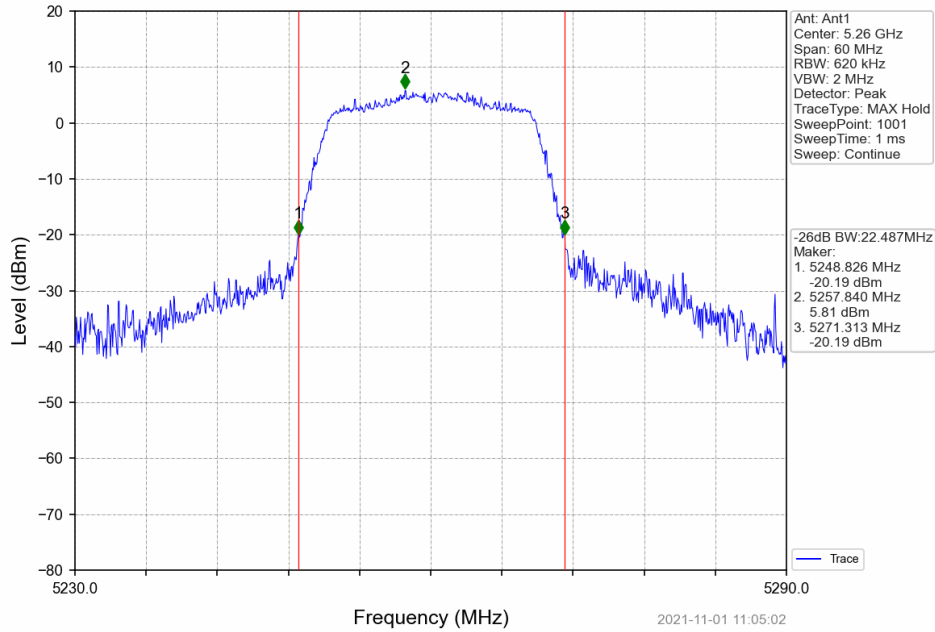


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV

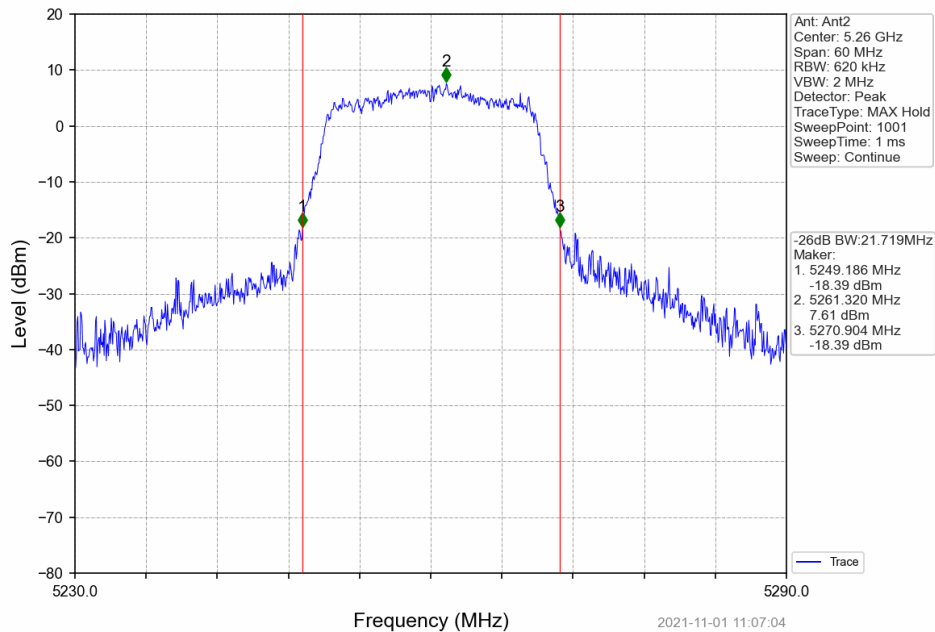


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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant2_NTNV

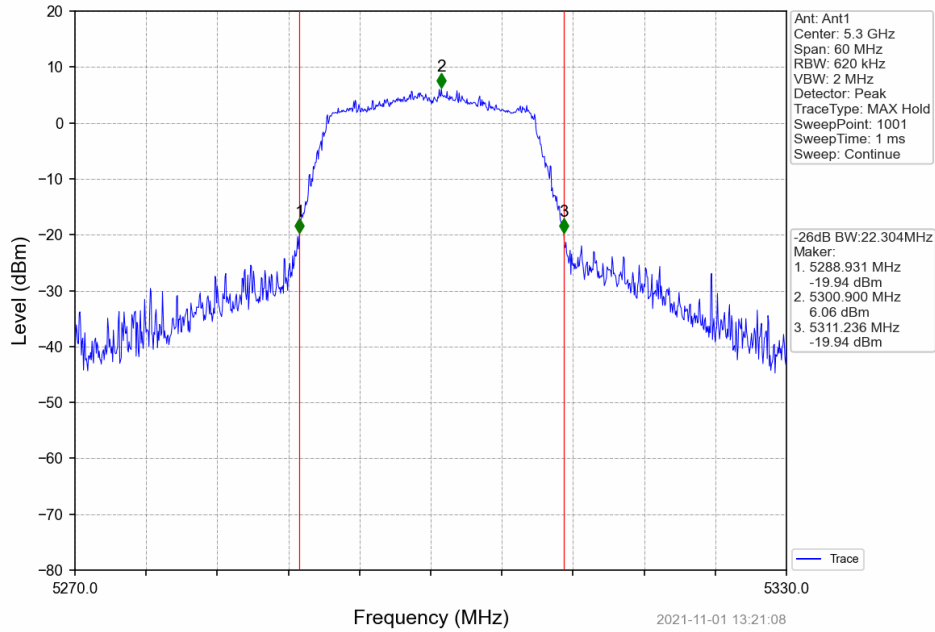


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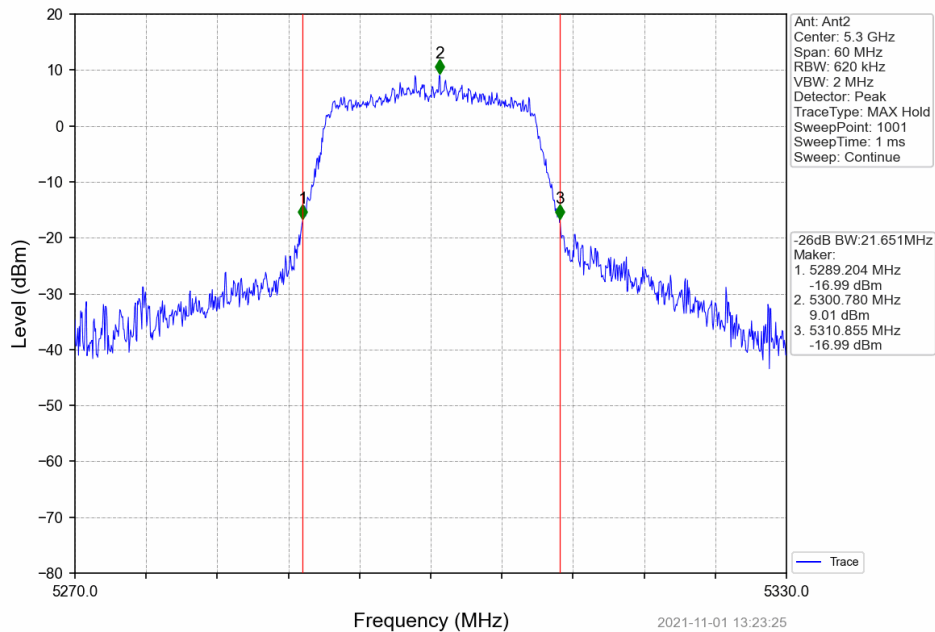
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802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant2_NTNV

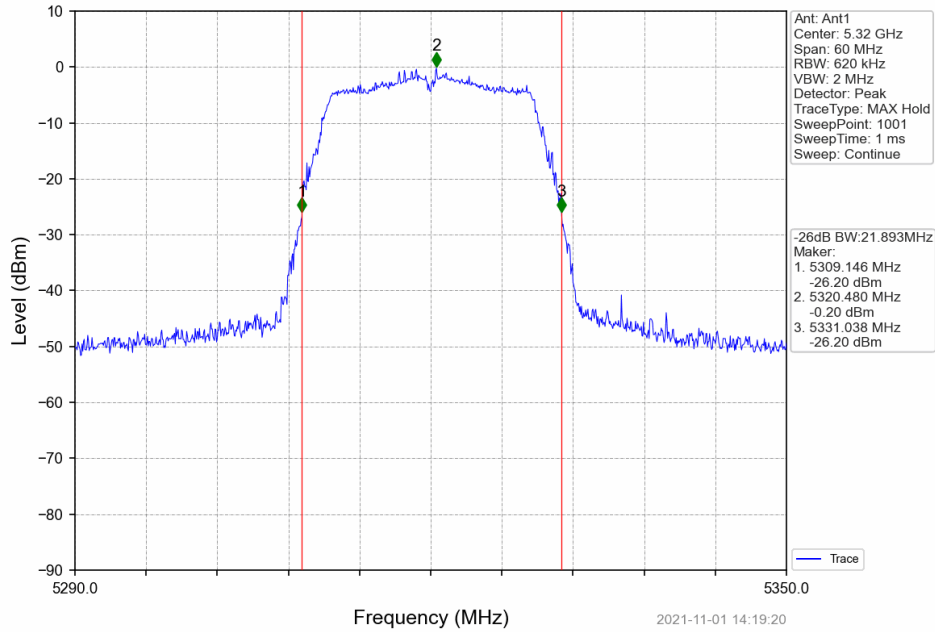


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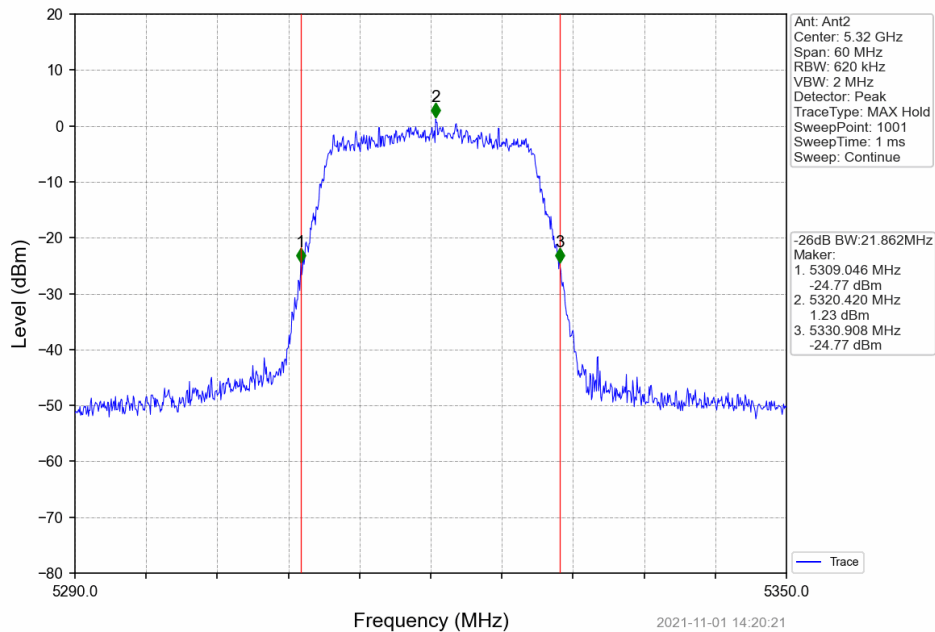
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5320MHz_Ant2_NTNV

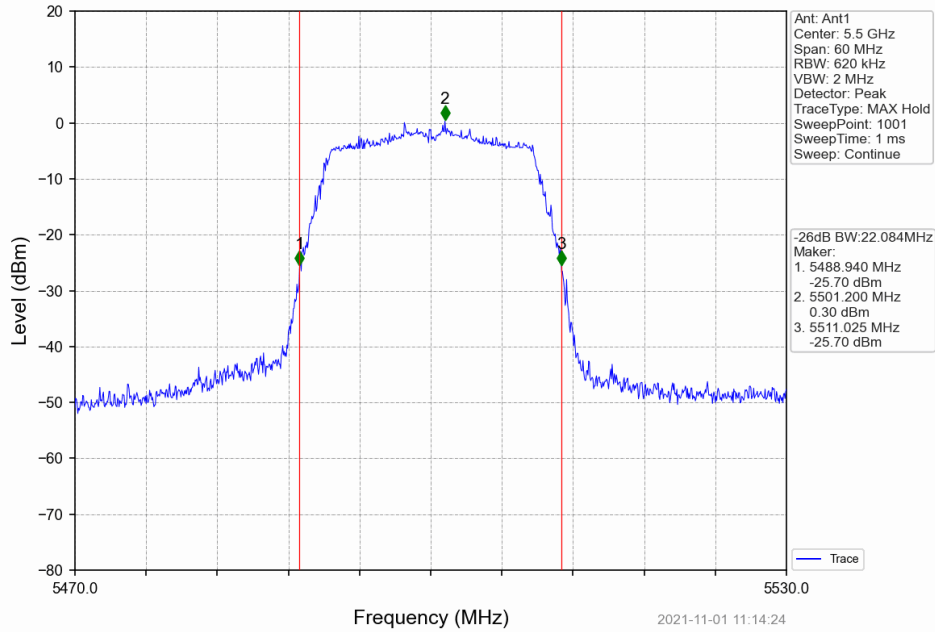


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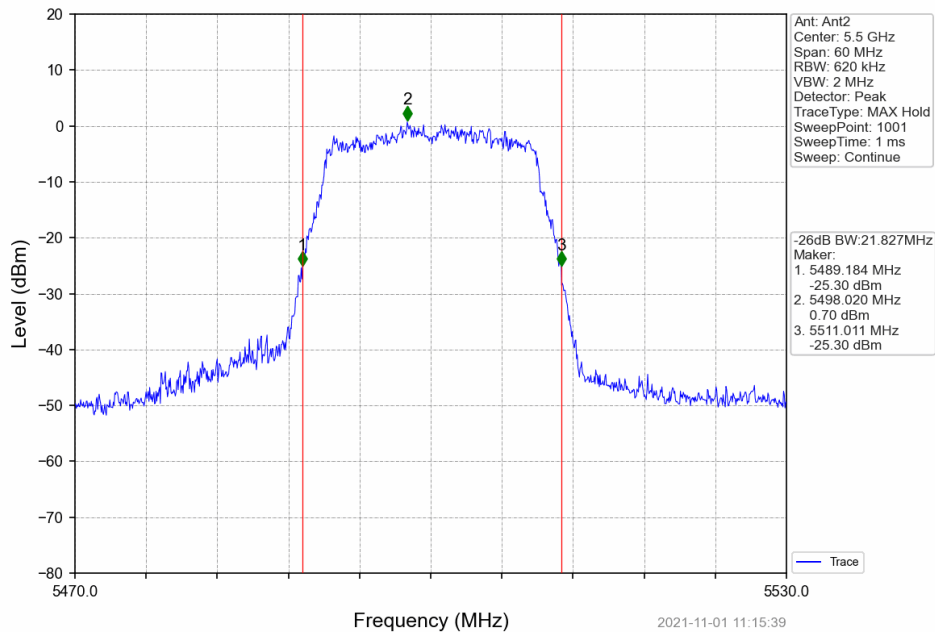
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802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant2_NTNV

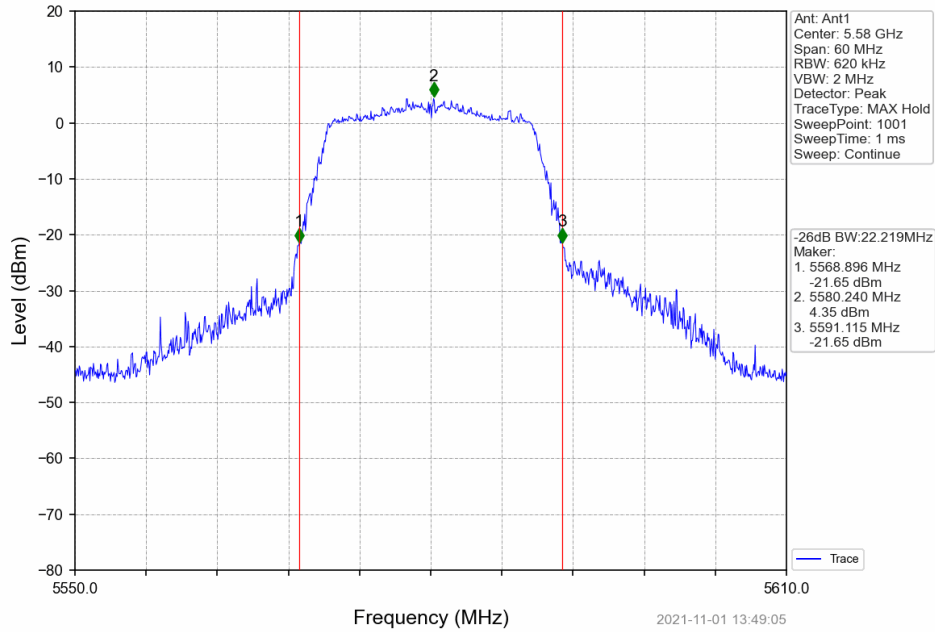


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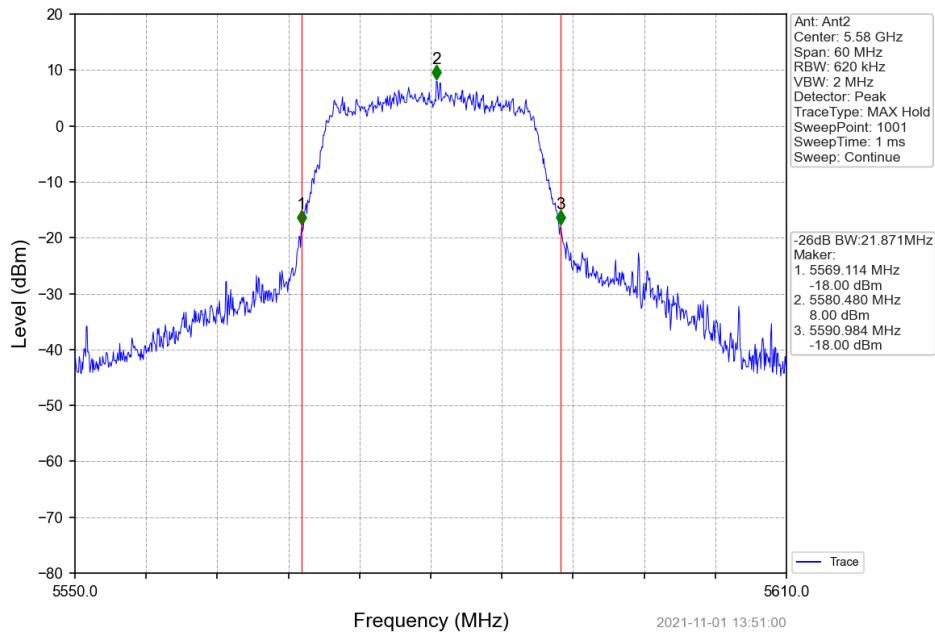
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5580MHz_Ant2_NTNV

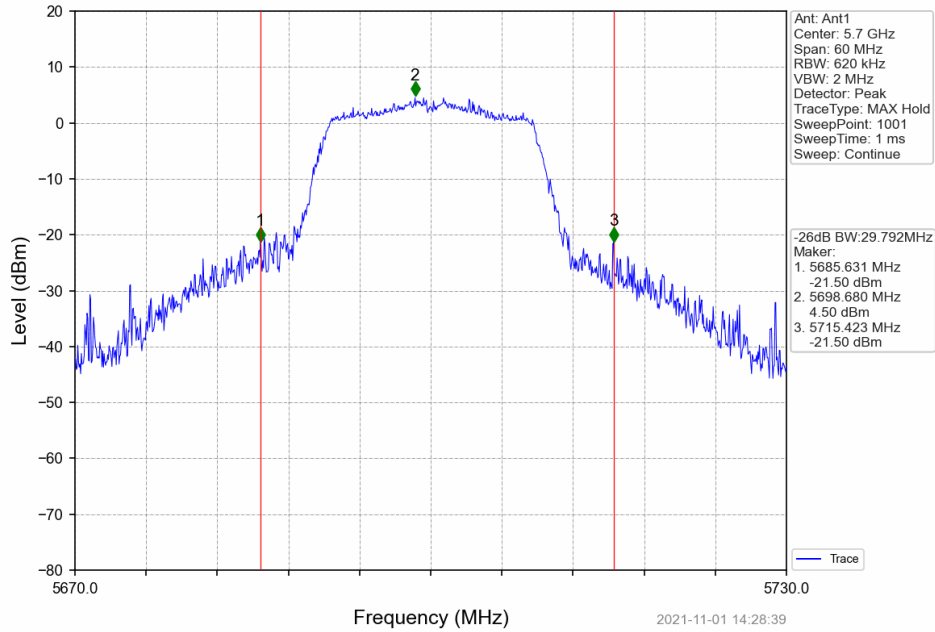


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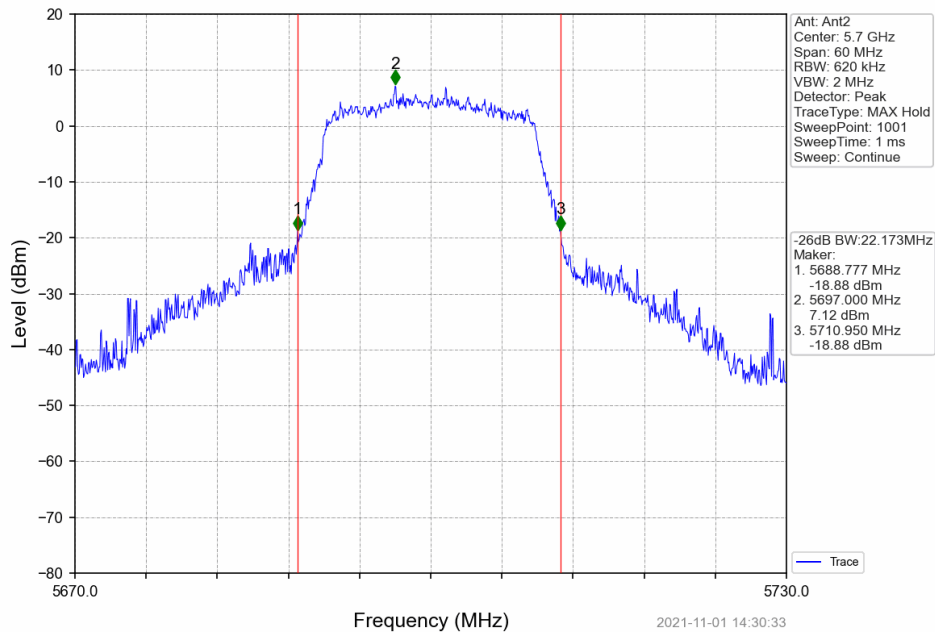
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802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant2_NTNV

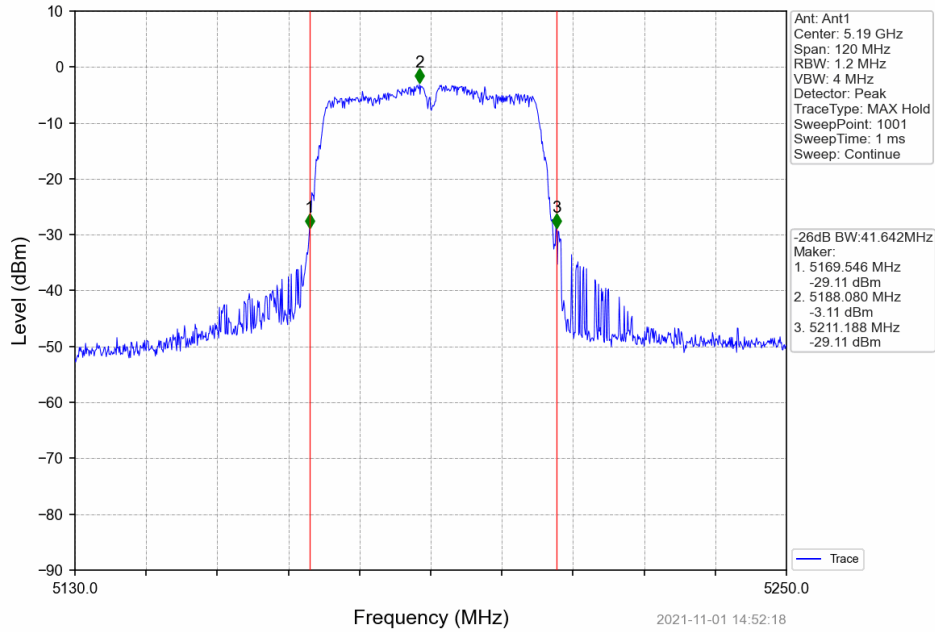


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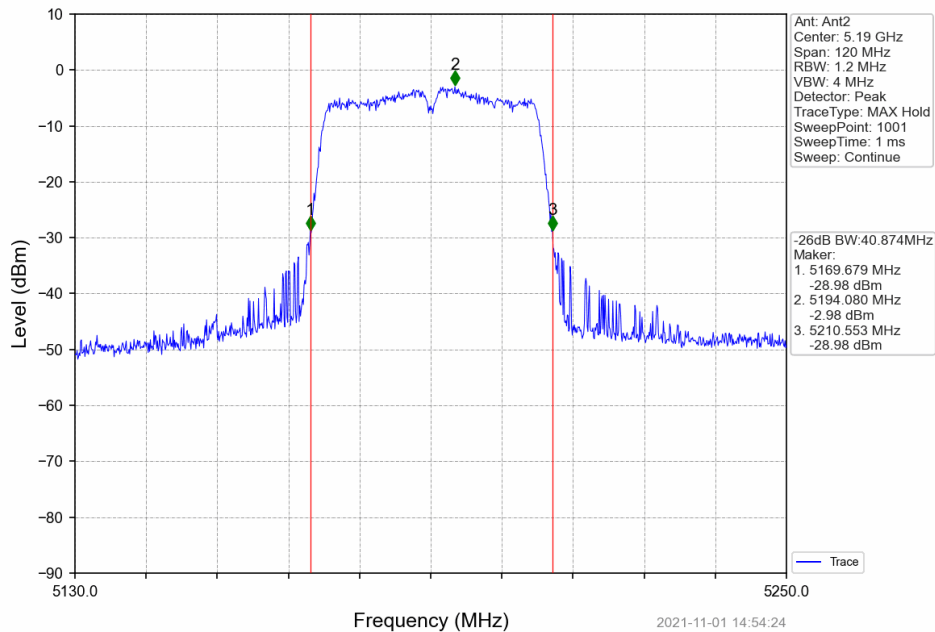
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV

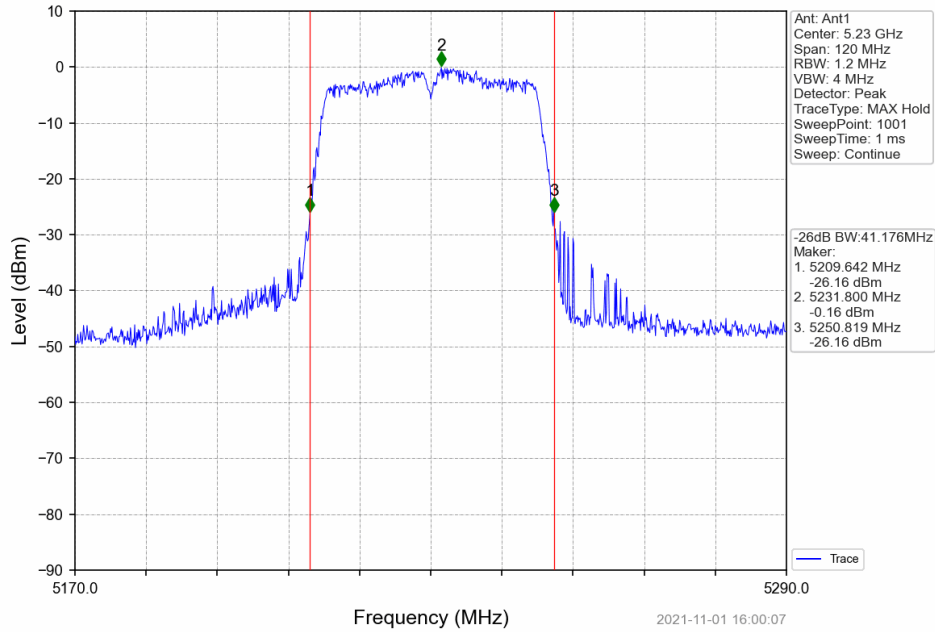


802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV

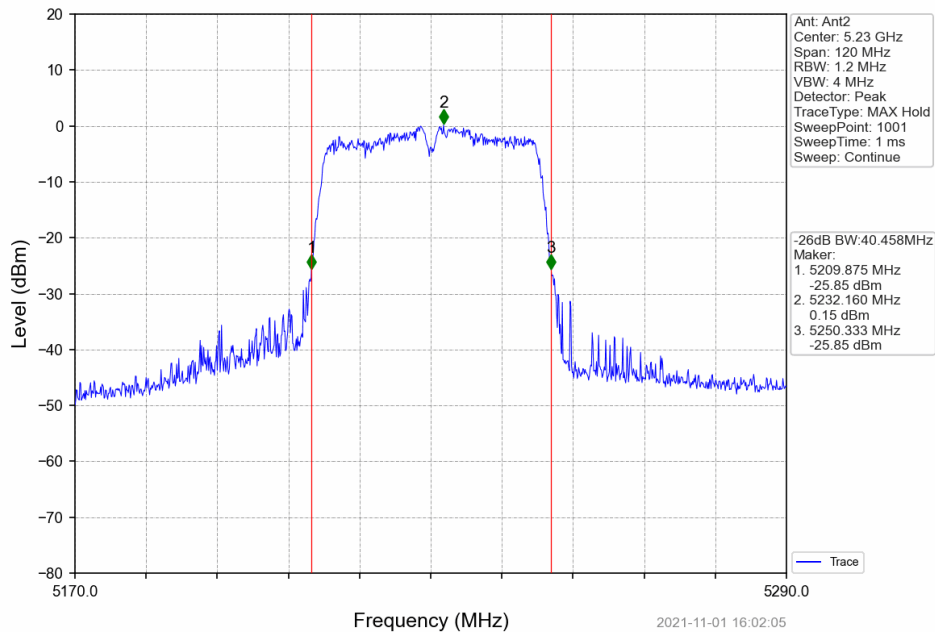


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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV

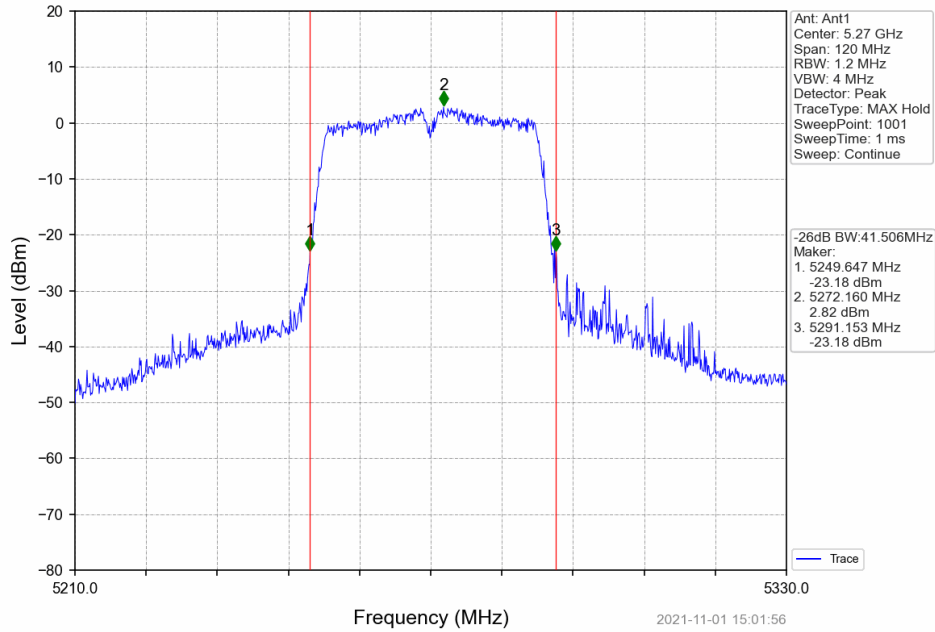


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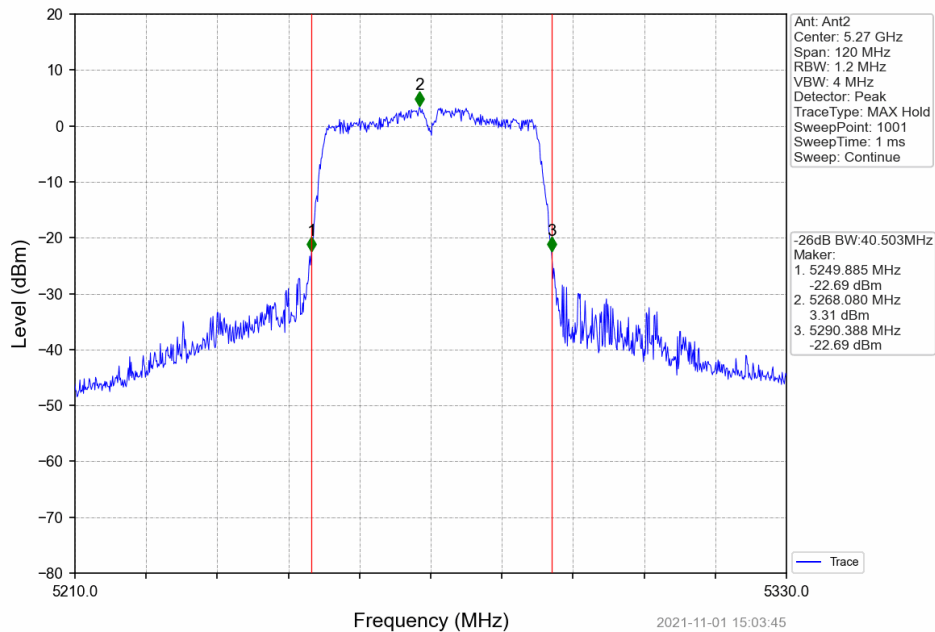
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant2_NTNV

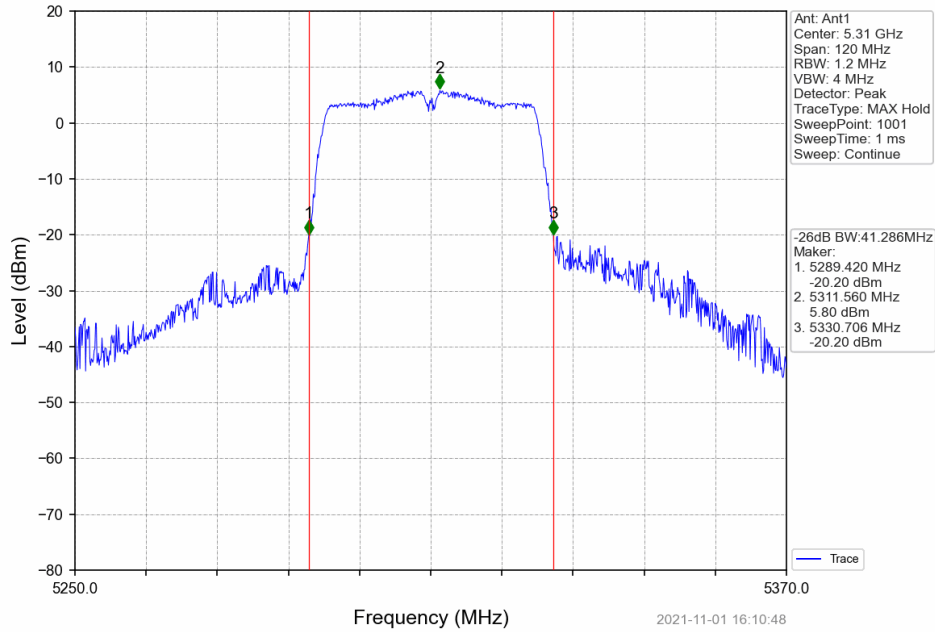


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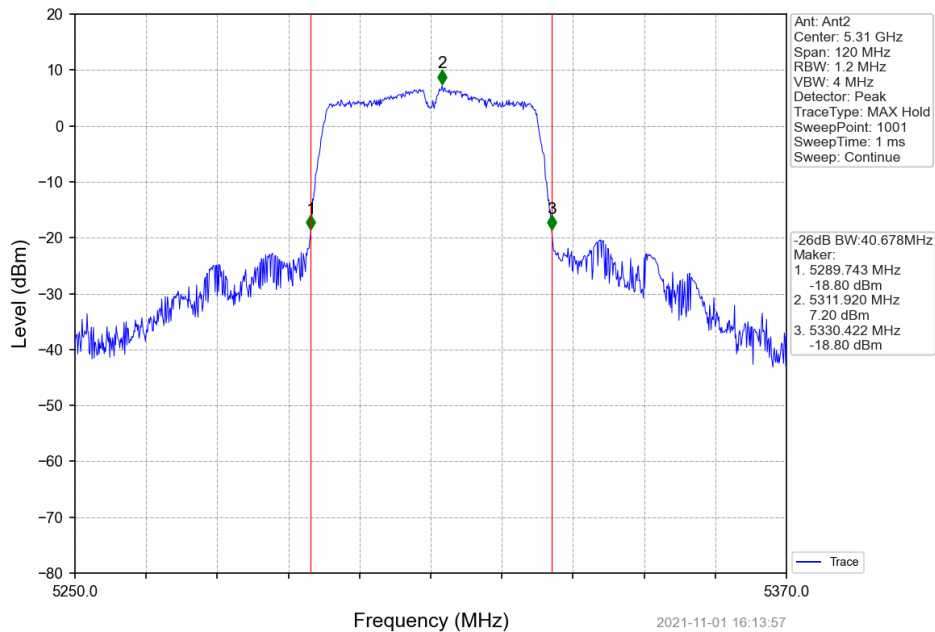
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802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV

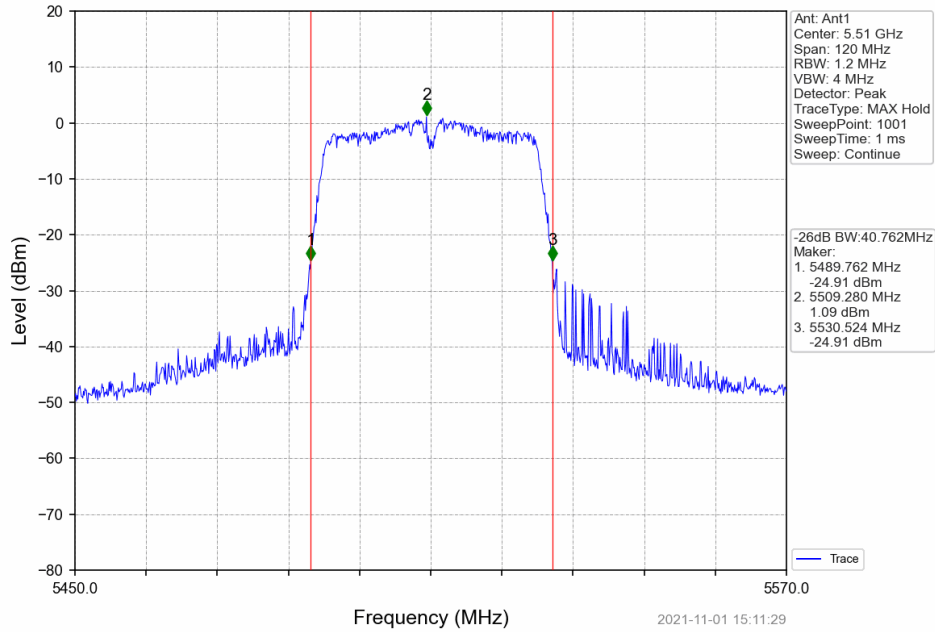


802.11ac(VHT40)_HCH_5310MHz_Ant2_NTNV

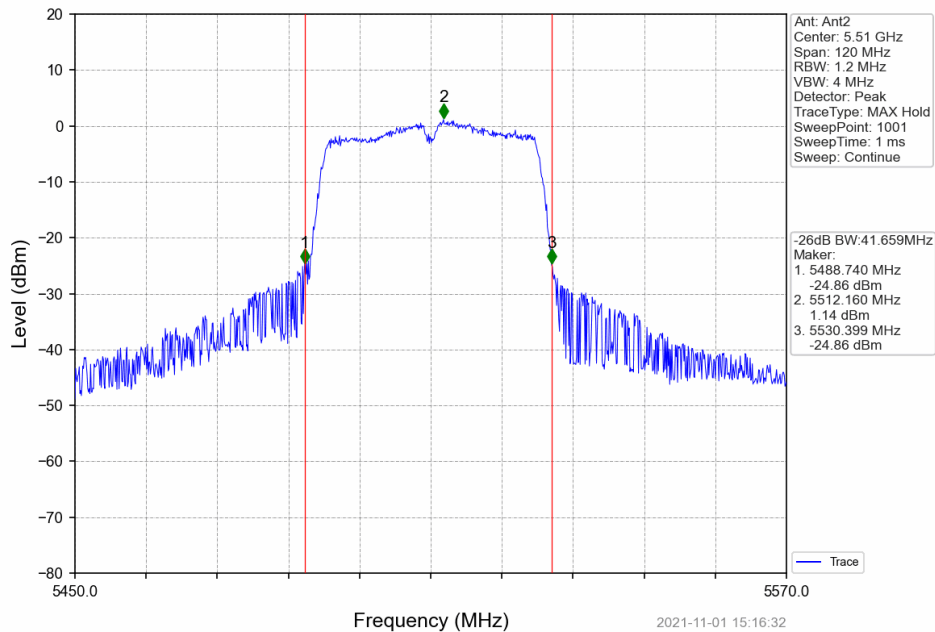


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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant2_NTNV

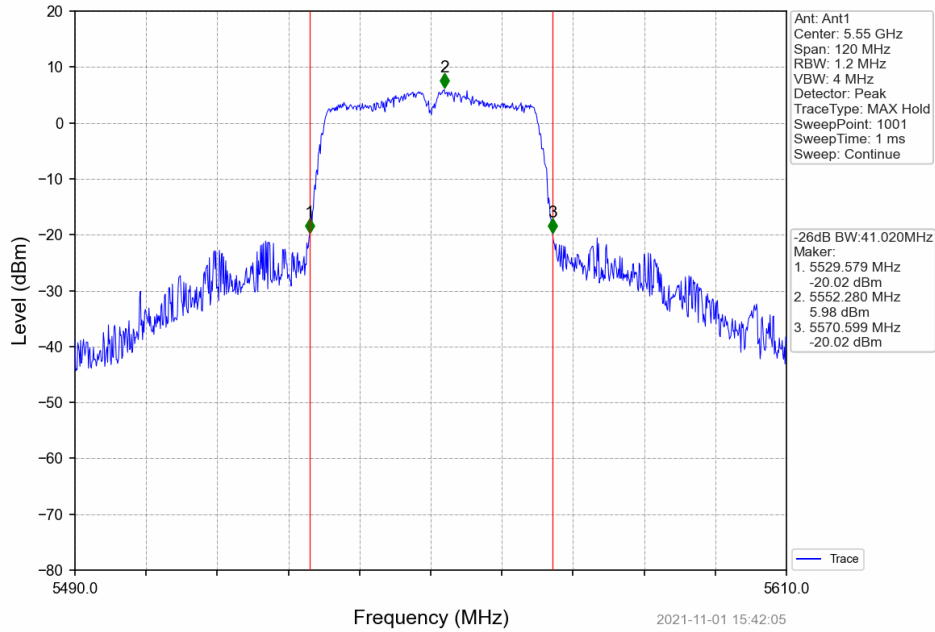


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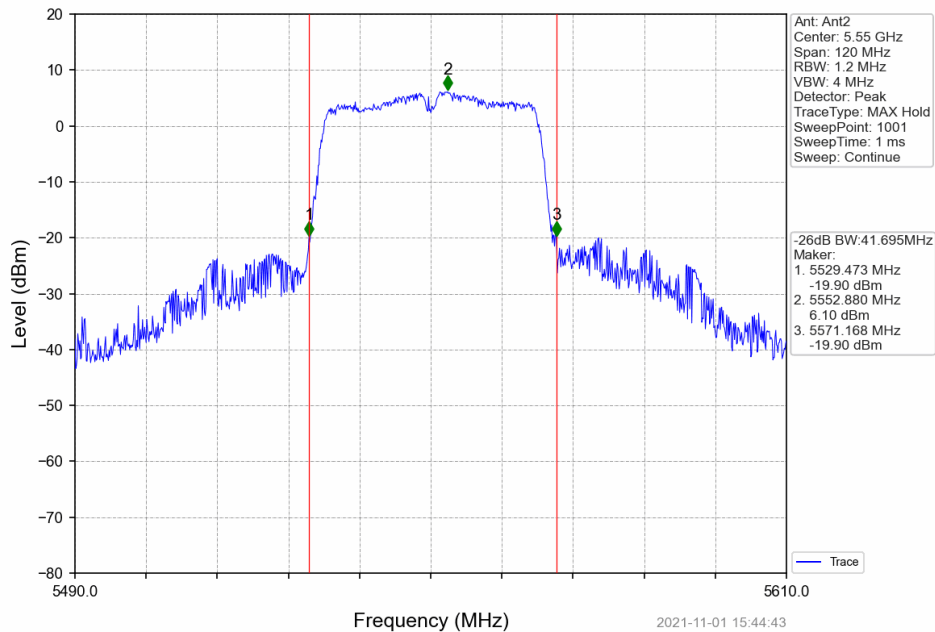
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant2_NTNV

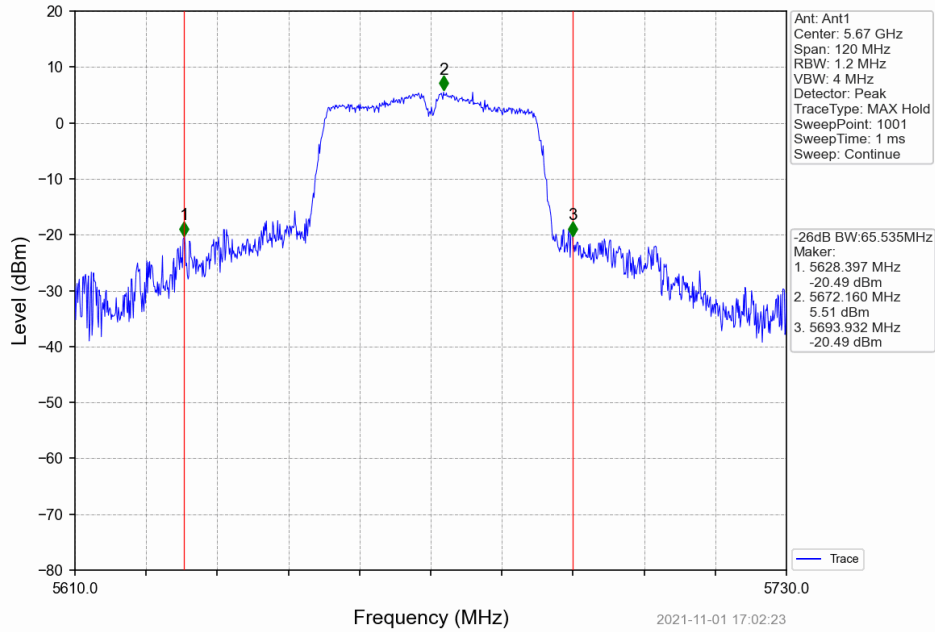


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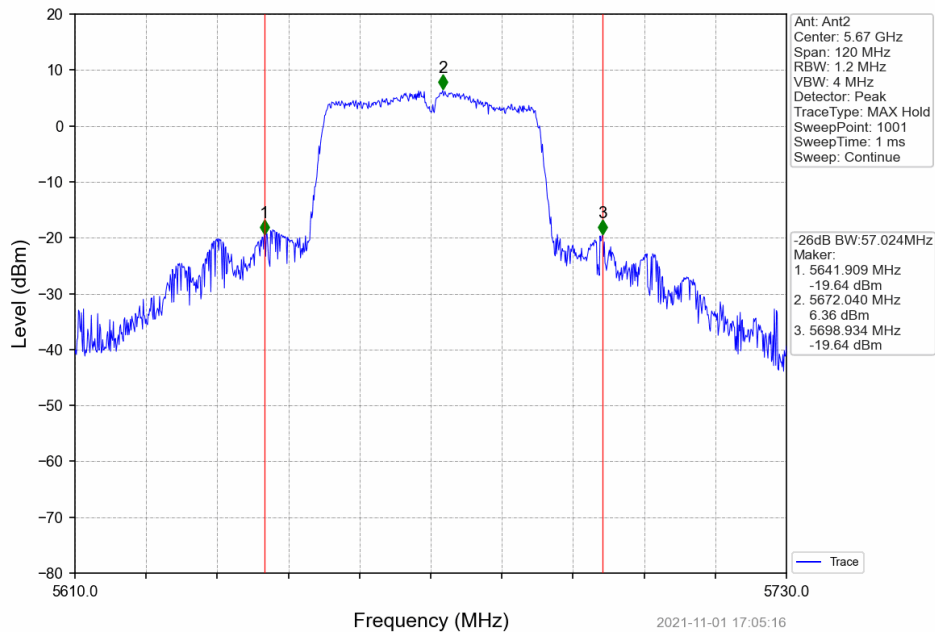
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant2_NTNV

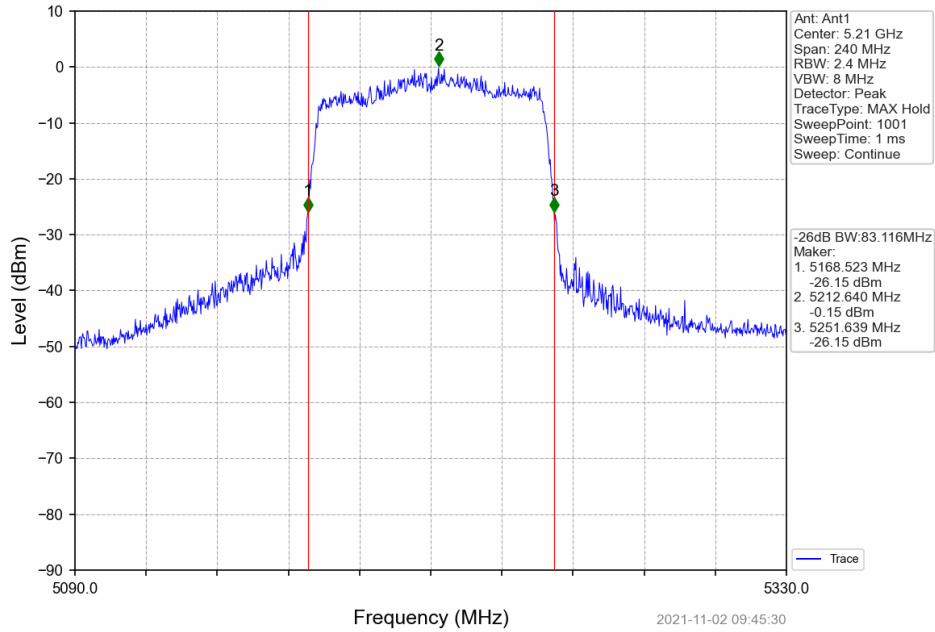


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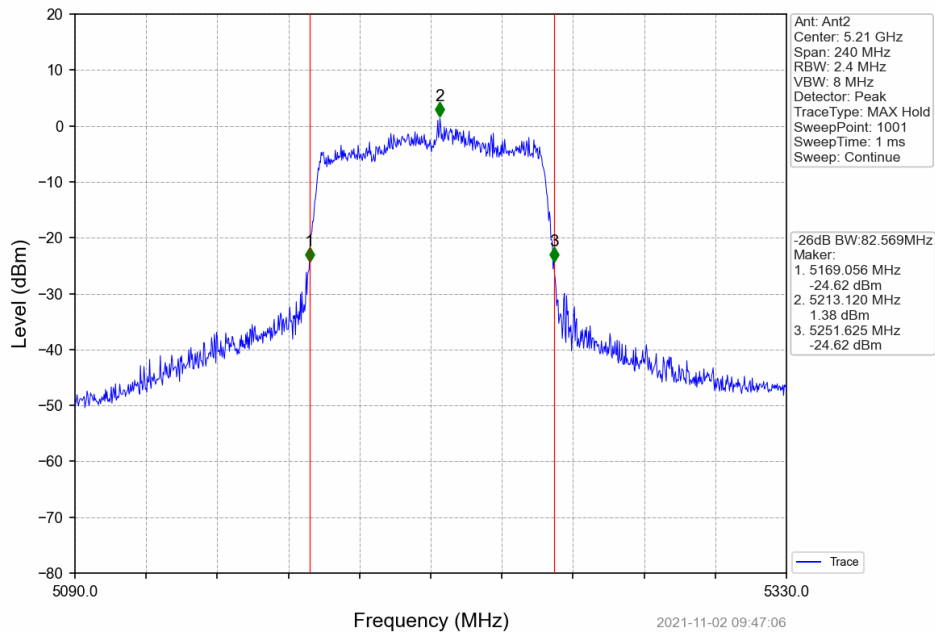
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV

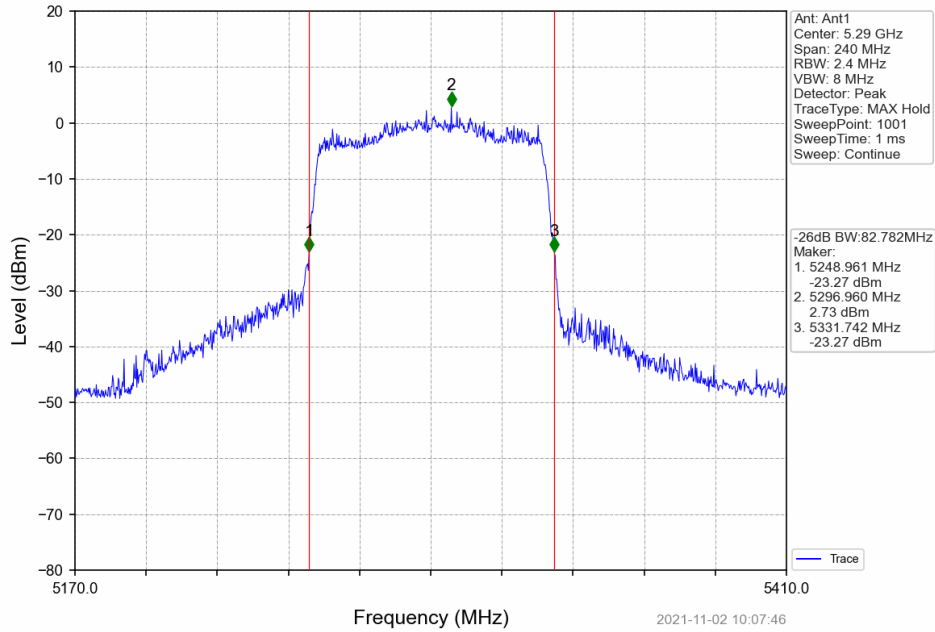


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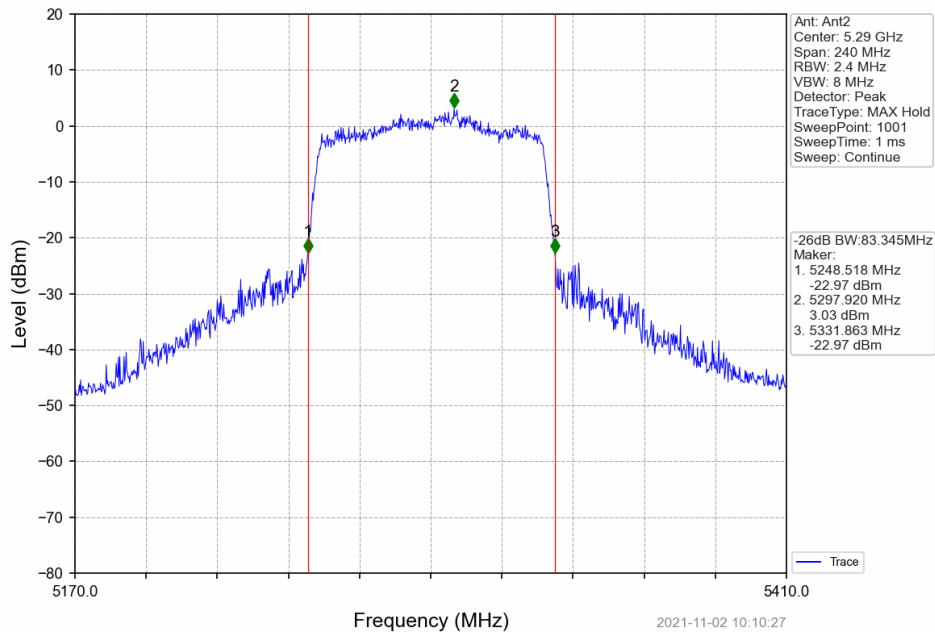
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV

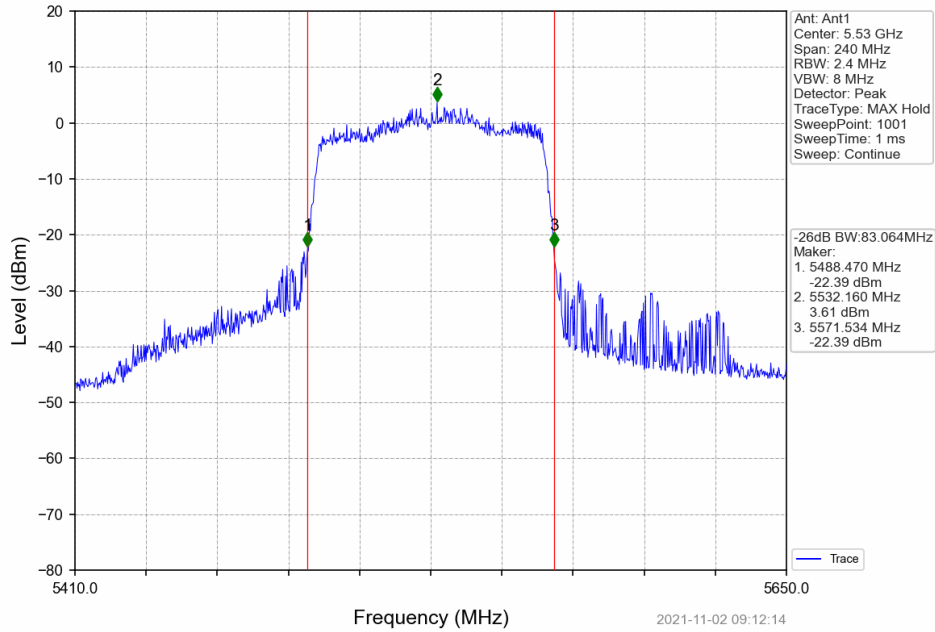


802.11ac(VHT80)_MCH_5290MHz_Ant2_NTNV

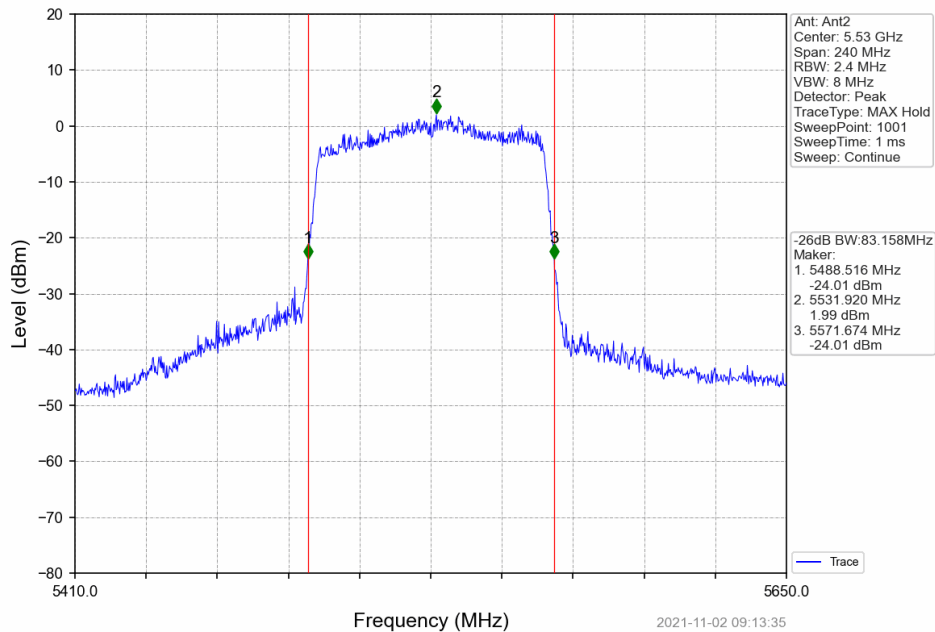


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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

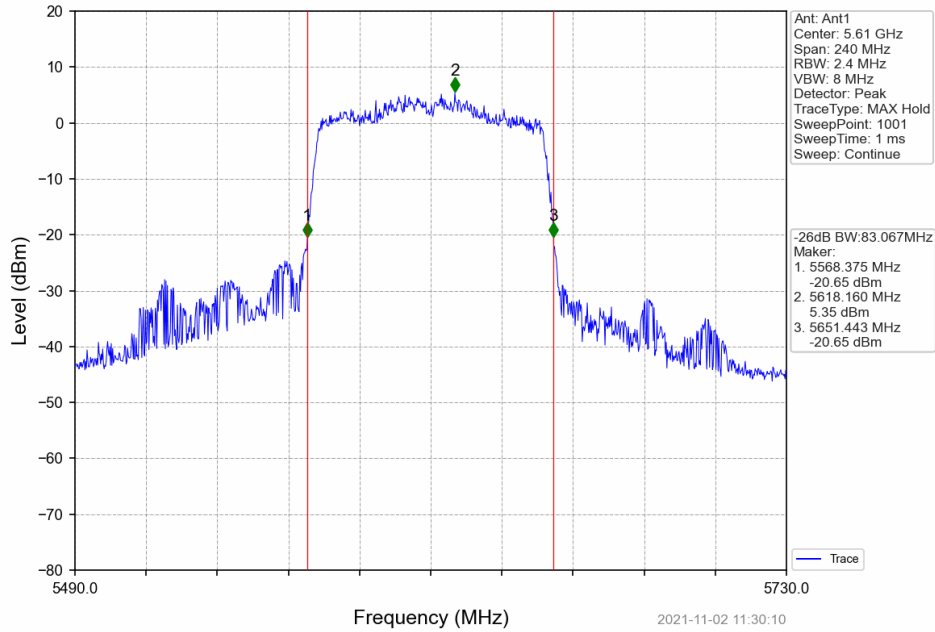


802.11ac(VHT80)_LCH_5530MHz_Ant2_NTNV

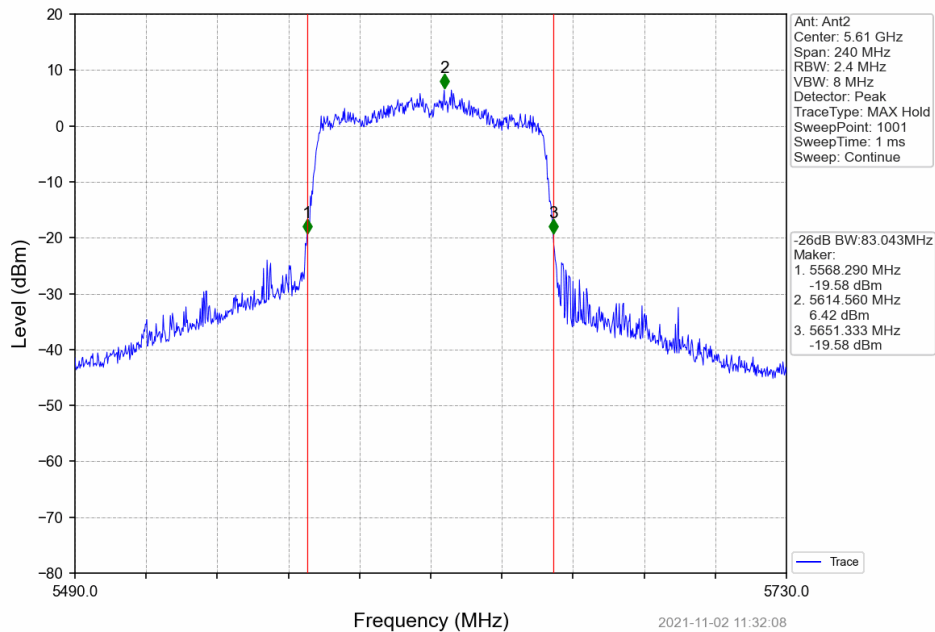


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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant2_NTNV



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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 | Ant2 | MIMO | Limit | |
| 802.11a | SISO | 5180 | 6.73 | 7.39 | / | <=22.98 | Pass |
| | | 5200 | 11.97 | 12.47 | / | <=22.98 | Pass |
| | | 5240 | 13.19 | 13.41 | / | <=22.98 | Pass |
| | | 5260 | 10.93 | 11.68 | / | <=22.98 | Pass |
| | | 5300 | 10.90 | 11.49 | / | <=22.98 | Pass |
| | | 5320 | 5.02 | 5.68 | / | <=22.98 | Pass |
| | | 5500 | 4.65 | 4.62 | / | <=22.98 | Pass |
| | | 5580 | 10.10 | 11.38 | / | <=22.98 | Pass |
| | | 5700 | 10.35 | 10.82 | / | <=22.98 | Pass |
| | | 5745 | -0.22 | 1.10 | / | <=29 | Pass |
| | | 5785 | 0.41 | 1.39 | / | <=29 | Pass |
| | | 5825 | 0.44 | 1.49 | / | <=29 | Pass |
| 802.11n (HT20) | MIMO | 5180 | 4.64 | 5.00 | 7.83 | <=19.97 | Pass |
| | | 5200 | 6.40 | 7.08 | 9.76 | <=19.97 | Pass |
| | | 5240 | 6.68 | 6.91 | 9.81 | <=19.97 | Pass |
| | | 5260 | 10.84 | 11.41 | 14.14 | <=19.97 | Pass |
| | | 5300 | 10.78 | 11.38 | 14.10 | <=19.97 | Pass |
| | | 5320 | 4.29 | 4.89 | 7.61 | <=19.97 | Pass |
| | | 5500 | 9.63 | 10.32 | 13.00 | <=19.97 | Pass |
| | | 5580 | 9.63 | 10.63 | 13.17 | <=19.97 | Pass |
| | | 5700 | 9.41 | 9.90 | 12.67 | <=19.97 | Pass |
| | | 5745 | -0.08 | 0.95 | 3.48 | <=25.99 | Pass |
| | | 5785 | -0.11 | 0.89 | 3.43 | <=25.99 | Pass |
| | | 5825 | -0.04 | 0.95 | 3.49 | <=25.99 | Pass |
| 802.11n (HT40) | MIMO | 5190 | 3.95 | 3.75 | 6.86 | <=19.97 | Pass |
| | | 5230 | 4.04 | 3.89 | 6.98 | <=19.97 | Pass |
| | | 5270 | 6.73 | 7.40 | 10.09 | <=19.97 | Pass |
| | | 5310 | 10.01 | 10.65 | 13.35 | <=19.97 | Pass |
| | | 5510 | 4.97 | 4.45 | 7.73 | <=19.97 | Pass |
| | | 5550 | 10.14 | 10.35 | 13.26 | <=19.97 | Pass |
| | | 5670 | 9.49 | 10.29 | 12.92 | <=19.97 | Pass |
| | | 5755 | -0.20 | 0.92 | 3.41 | <=25.99 | Pass |
| | | 5795 | -0.08 | 0.89 | 3.44 | <=25.99 | Pass |



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| | | | | | | | |
|---------------------|-------|------|-------|---------|-------|---------|------|
| 802.11ac (VHT20) | MIMO | 5180 | 4.90 | 5.03 | 7.98 | <=19.97 | Pass |
| | | 5200 | 6.65 | 6.95 | 9.81 | <=19.97 | Pass |
| | | 5240 | 6.88 | 6.69 | 9.80 | <=19.97 | Pass |
| | | 5260 | 10.95 | 11.41 | 14.20 | <=19.97 | Pass |
| | | 5300 | 10.94 | 11.30 | 14.13 | <=19.97 | Pass |
| | | 5320 | 4.51 | 4.72 | 7.63 | <=19.97 | Pass |
| | | 5500 | 4.77 | 4.57 | 7.68 | <=19.97 | Pass |
| | | 5580 | 9.57 | 10.60 | 13.13 | <=19.97 | Pass |
| | | 5700 | 9.50 | 9.89 | 12.71 | <=19.97 | Pass |
| | | 5745 | 0.10 | 1.01 | 3.59 | <=25.99 | Pass |
| | | 5785 | 0.22 | 0.97 | 3.62 | <=25.99 | Pass |
| 5825 | 0.44 | 1.07 | 3.78 | <=25.99 | Pass | | |
| 802.11ac (VHT40) | MIMO | 5190 | 1.09 | 0.75 | 3.93 | <=19.97 | Pass |
| | | 5230 | 3.99 | 3.82 | 6.92 | <=19.97 | Pass |
| | | 5270 | 6.70 | 7.33 | 10.04 | <=19.97 | Pass |
| | | 5310 | 10.03 | 10.51 | 13.29 | <=19.97 | Pass |
| | | 5510 | 4.78 | 4.30 | 7.56 | <=19.97 | Pass |
| | | 5550 | 9.95 | 10.08 | 13.03 | <=19.97 | Pass |
| | | 5670 | 9.49 | 10.14 | 12.84 | <=19.97 | Pass |
| | | 5755 | -0.31 | 0.63 | 3.20 | <=25.99 | Pass |
| 5795 | -0.29 | 0.53 | 3.15 | <=25.99 | Pass | | |
| 802.11ac (VHT80) | MIMO | 5210 | 2.10 | 2.19 | 5.16 | <=19.97 | Pass |
| | | 5290 | 4.32 | 4.94 | 7.65 | <=19.97 | Pass |
| | | 5530 | 4.94 | 4.68 | 7.82 | <=19.97 | Pass |
| | | 5610 | 7.13 | 7.80 | 10.49 | <=19.97 | Pass |
| | | 5775 | 2.61 | 2.96 | 5.80 | <=25.99 | Pass |

Note1: Antenna Gain: Ant1: 7.00dBi; Ant2: 7.00dBi;

Note2: Directional Gain: 10.01dBi

Ant1 power: Ant 1 conducted power + duty cycle factor.

Ant2 power: Ant 2 conducted power + duty cycle factor.

MIMO power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.

The Duty Cycle Factor is compensated in the test result.

Limit= Limit in 15.407- (Ant1/Ant2 Gain or Directional Gain-6)



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