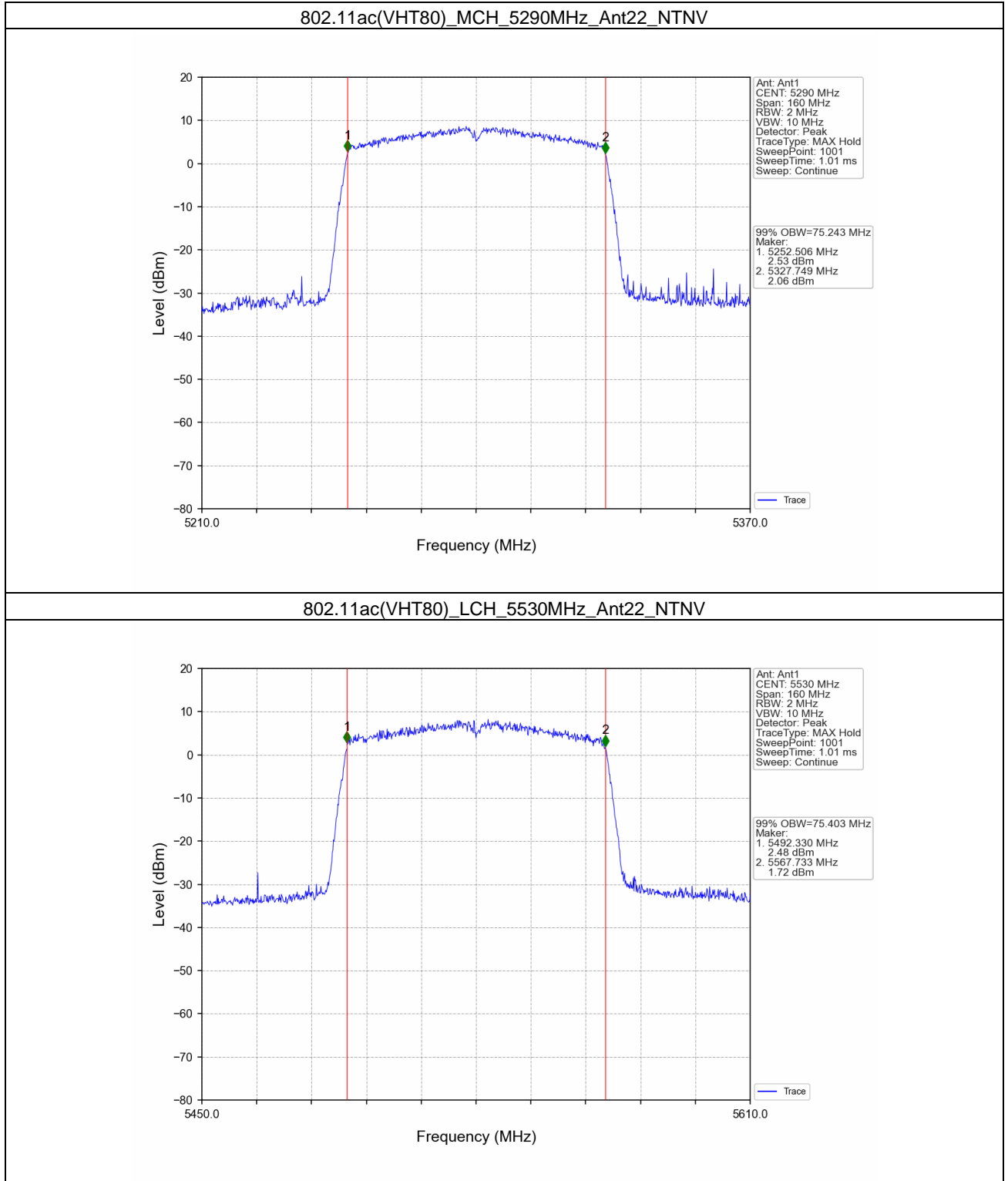
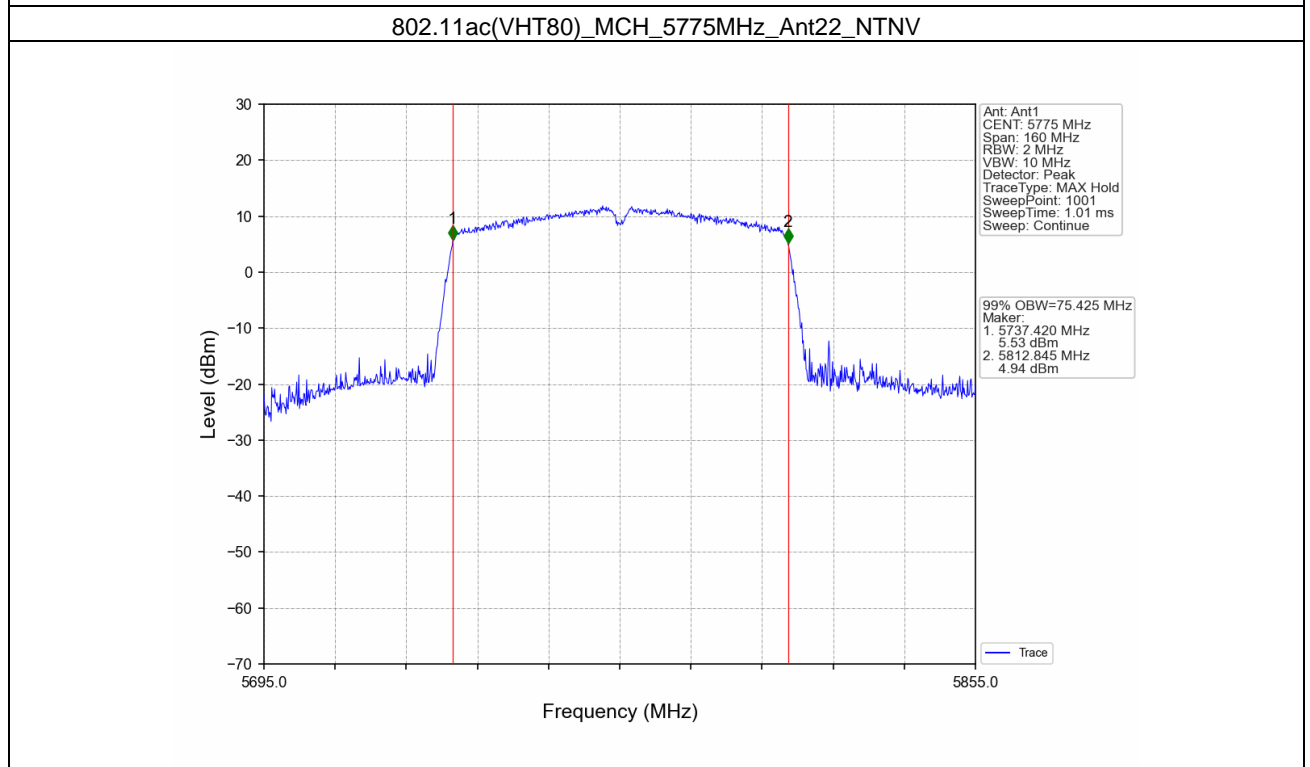
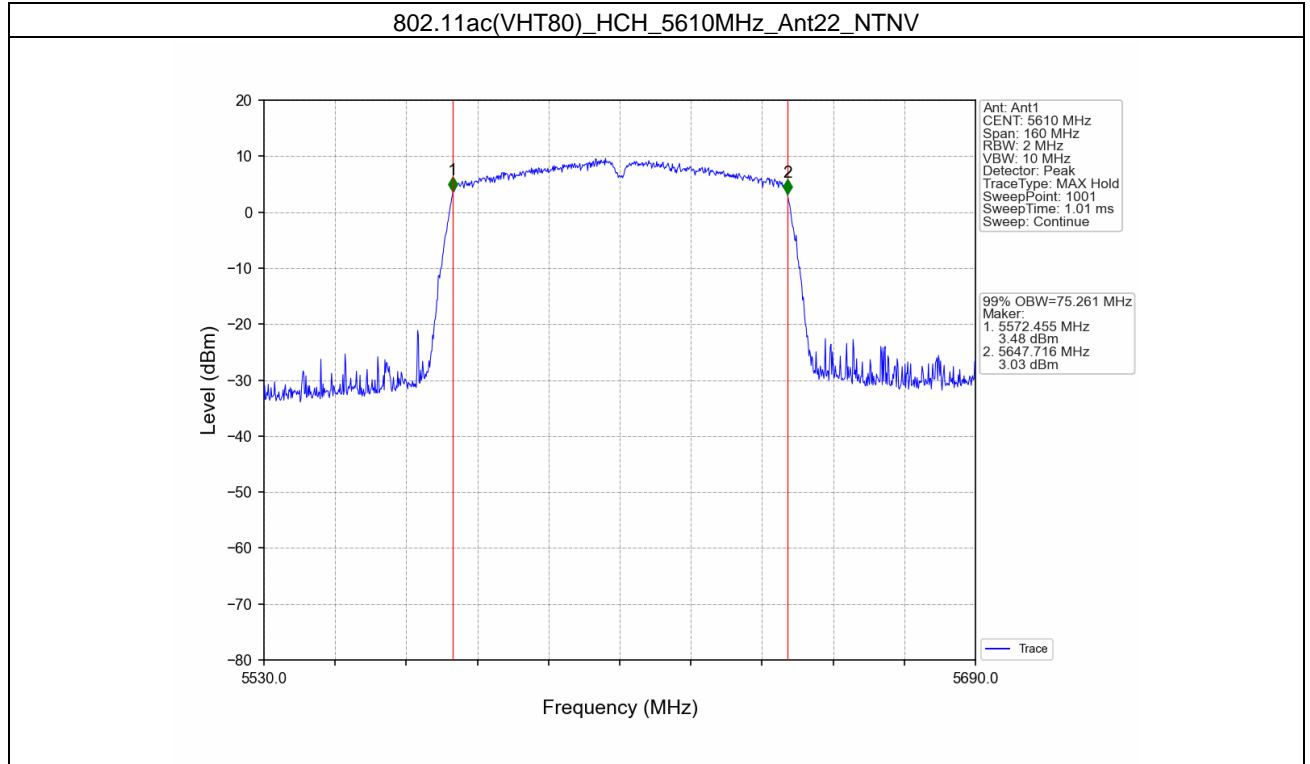


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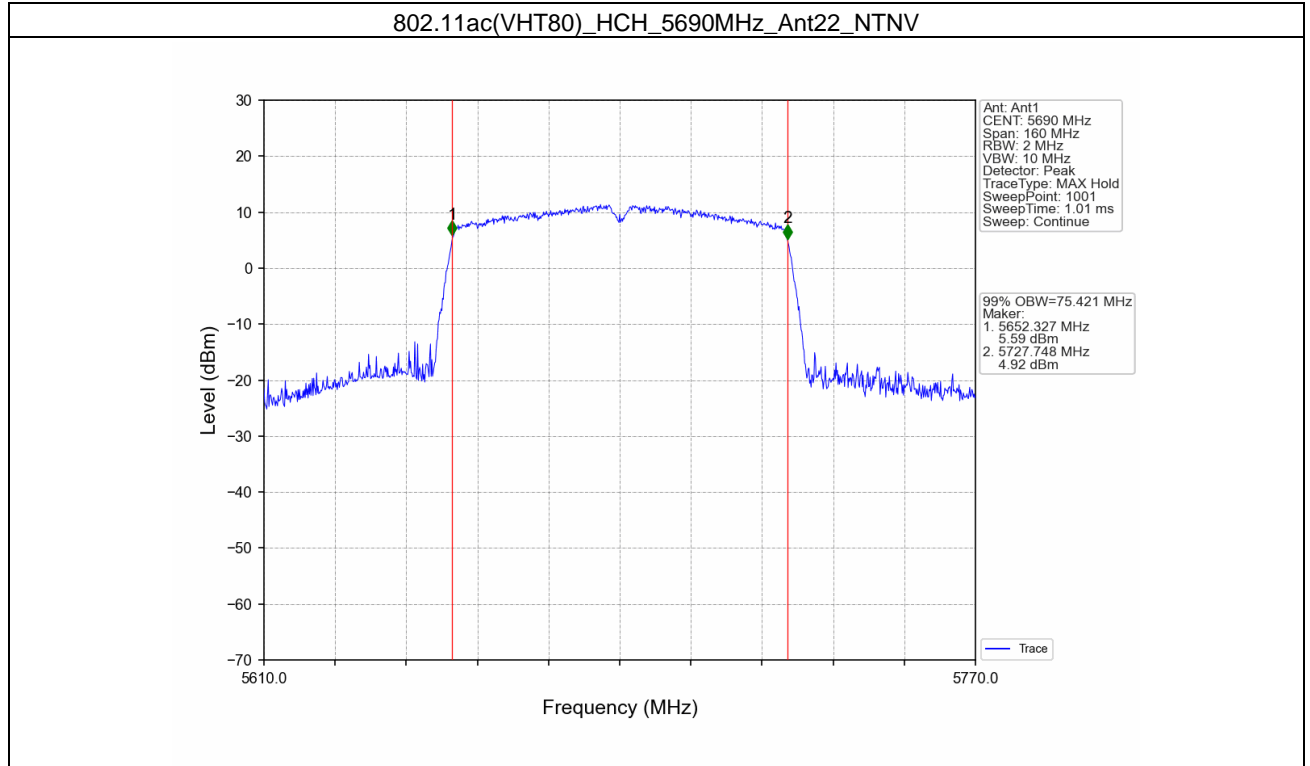
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2.2 6dB BW

2.2.1 Test Result

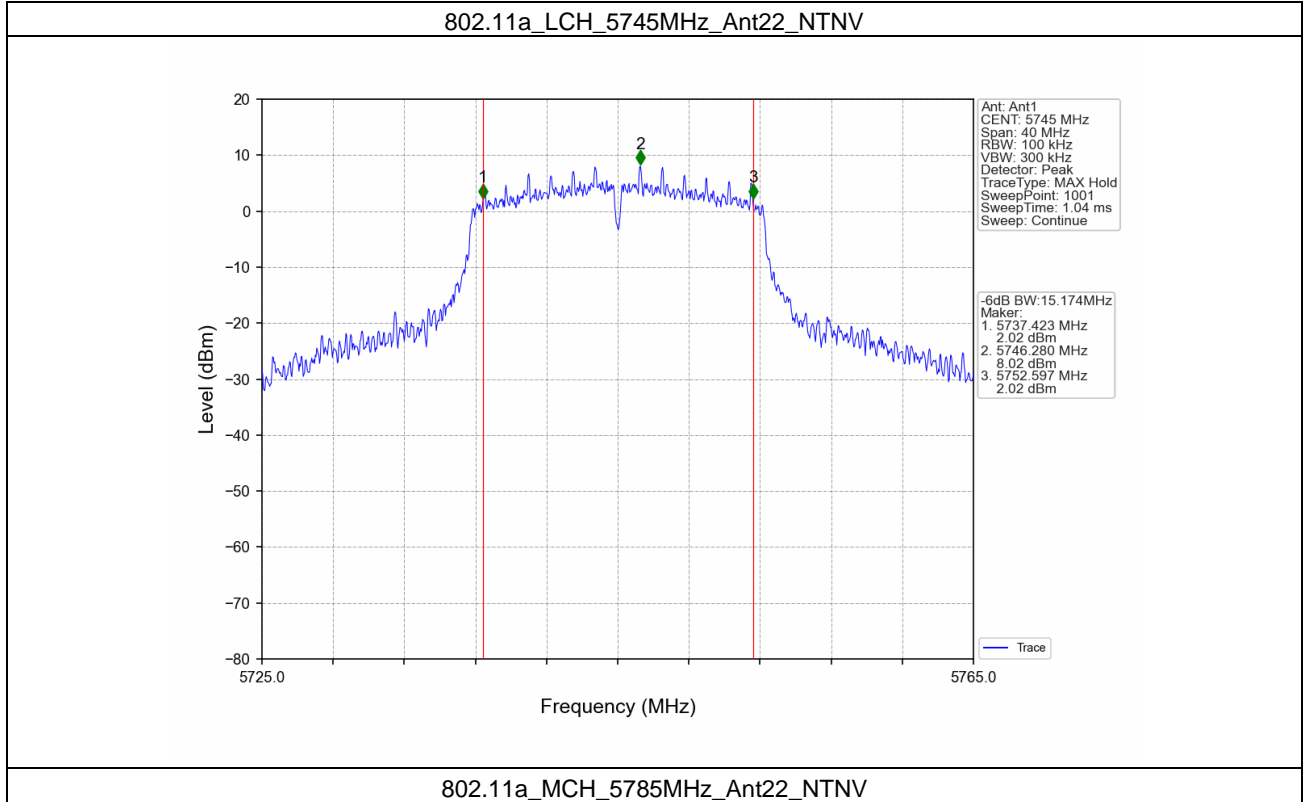
| Mode | TX Type | Frequency (MHz) | ANT | 6dB Bandwidth (MHz) | | Verdict |
|------------------|---------|-----------------|-----|---------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11a | SISO | 5745 | 22 | 15.174 | >=0.5 | Pass |
| | | 5785 | 22 | 15.090 | >=0.5 | Pass |
| | | 5825 | 22 | 15.160 | >=0.5 | Pass |
| 802.11n (HT20) | SISO | 5745 | 22 | 15.173 | >=0.5 | Pass |
| | | 5785 | 22 | 15.156 | >=0.5 | Pass |
| | | 5825 | 22 | 15.165 | >=0.5 | Pass |
| 802.11n (HT40) | SISO | 5755 | 22 | 35.145 | >=0.5 | Pass |
| | | 5795 | 22 | 35.154 | >=0.5 | Pass |
| 802.11ac (VHT20) | SISO | 5745 | 22 | 15.174 | >=0.5 | Pass |
| | | 5785 | 22 | 15.158 | >=0.5 | Pass |
| | | 5825 | 22 | 15.163 | >=0.5 | Pass |
| 802.11ac (VHT40) | SISO | 5755 | 22 | 35.147 | >=0.5 | Pass |
| | | 5795 | 22 | 35.154 | >=0.5 | Pass |
| 802.11ac (VHT80) | SISO | 5775 | 22 | 75.173 | >=0.5 | Pass |



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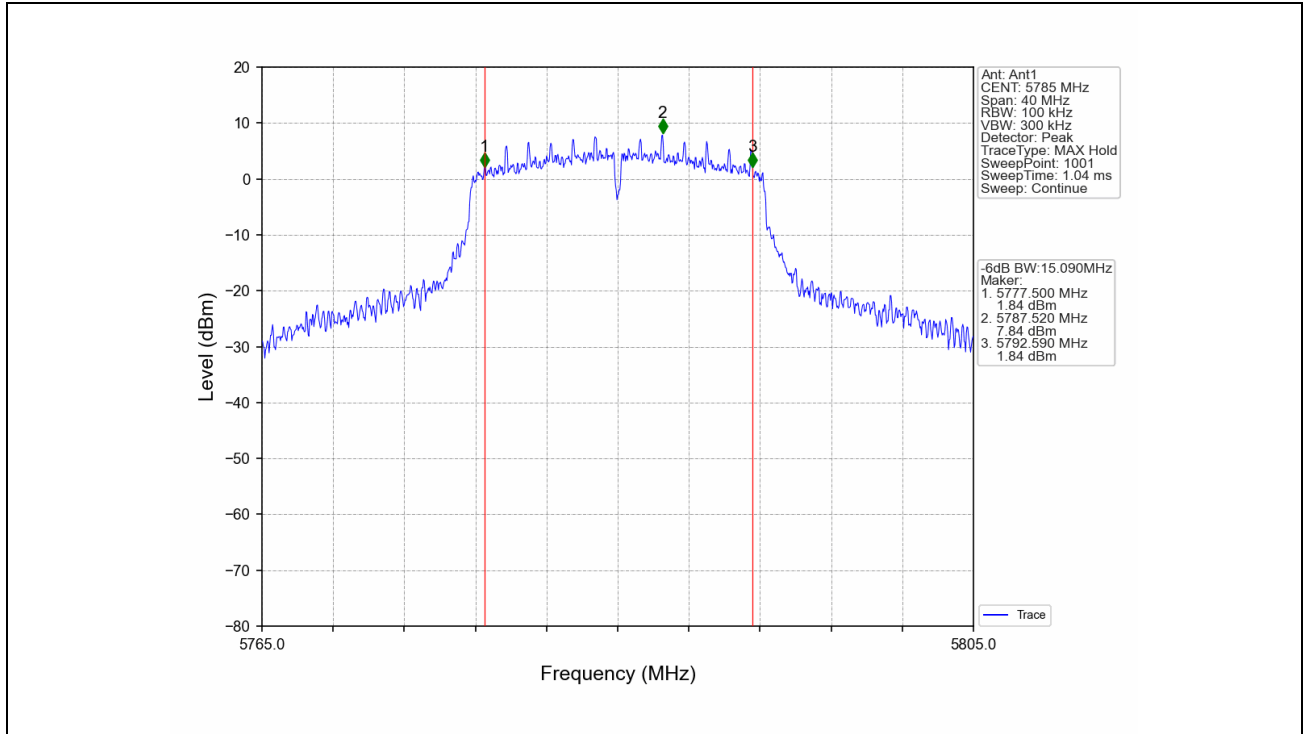
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2.2.2 Test Graph



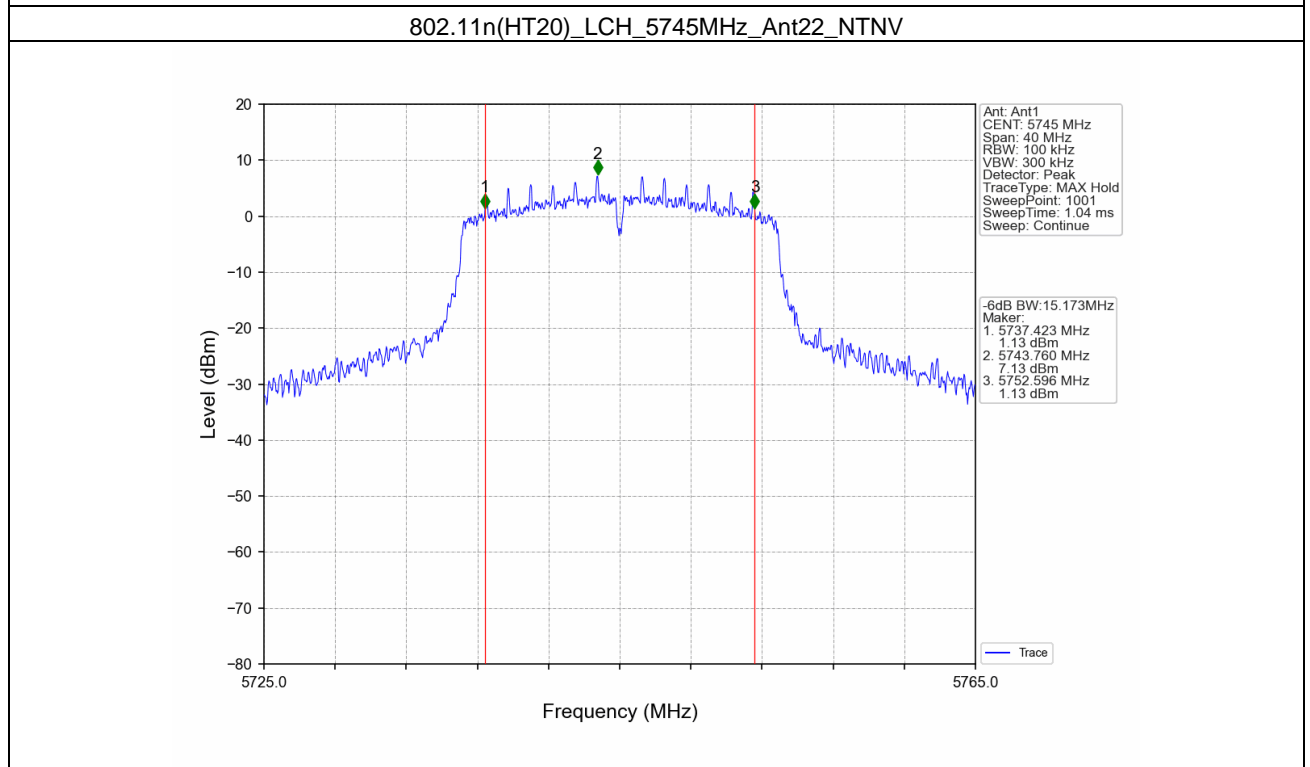
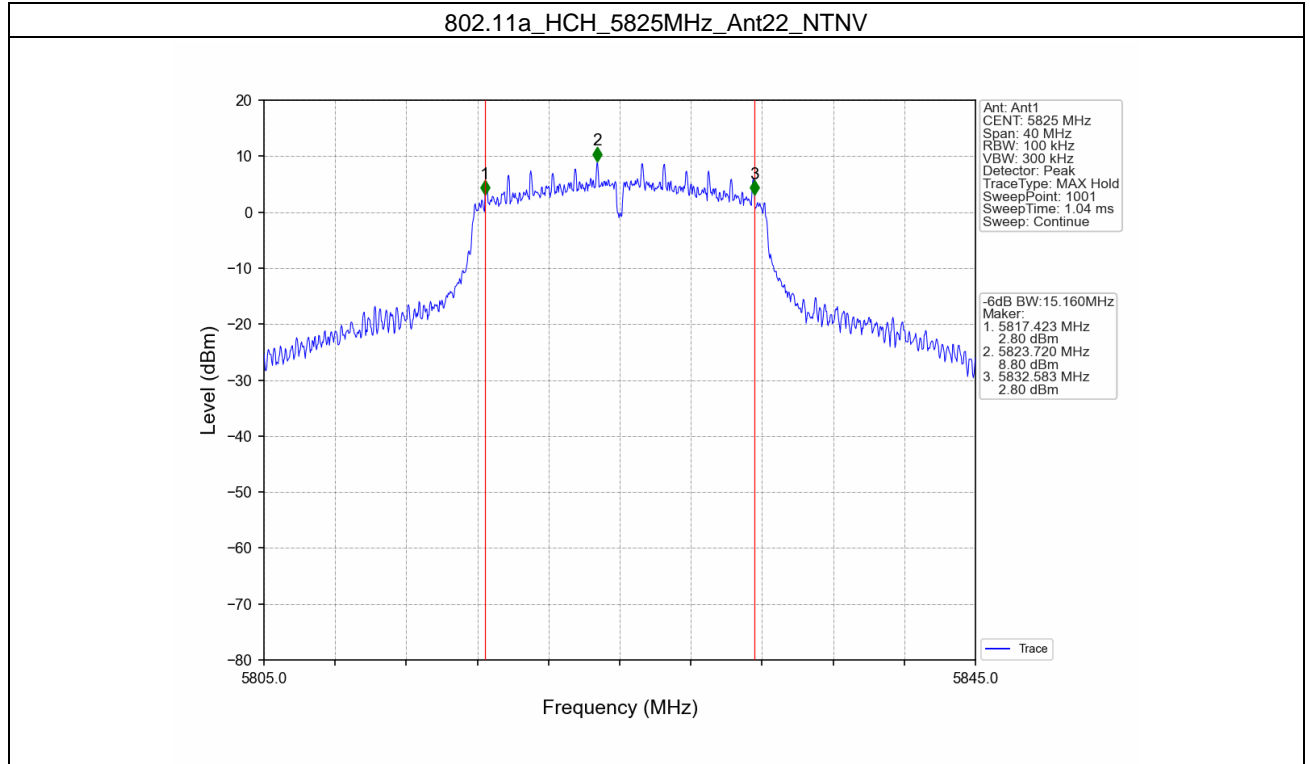
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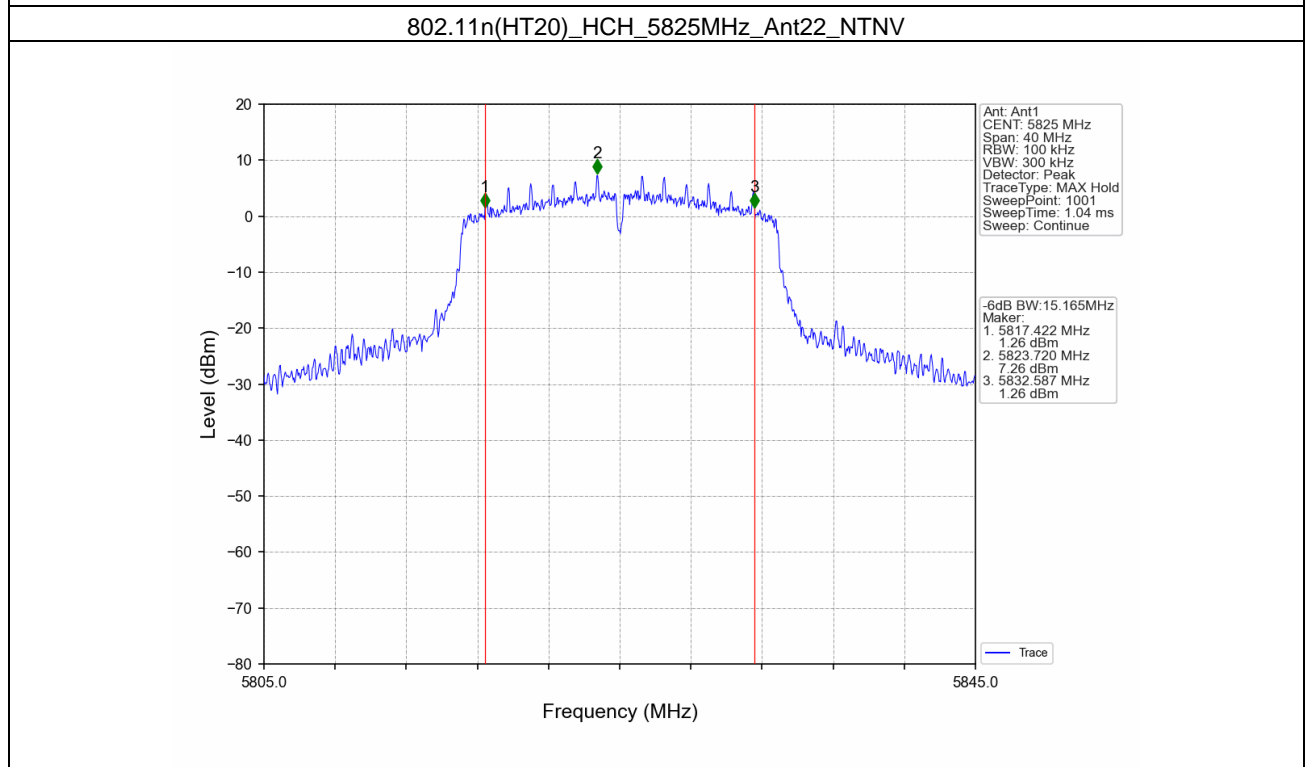
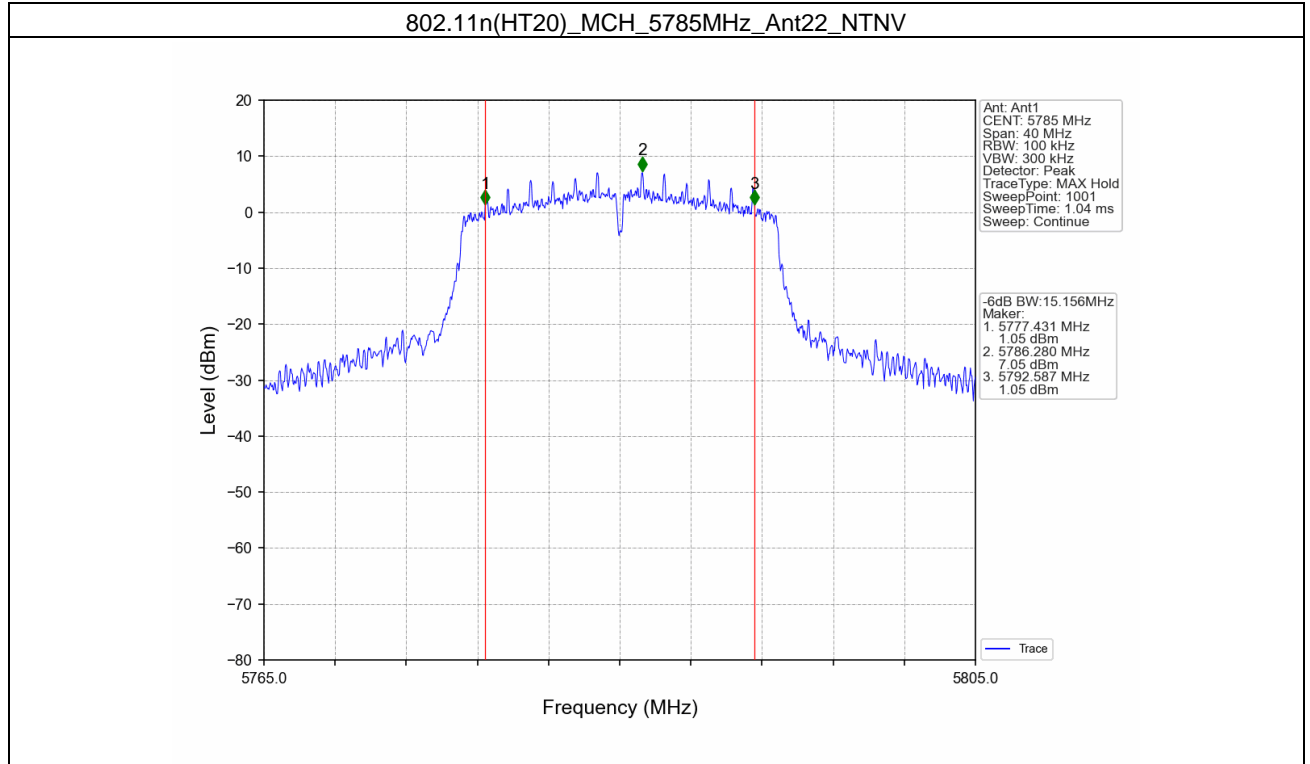
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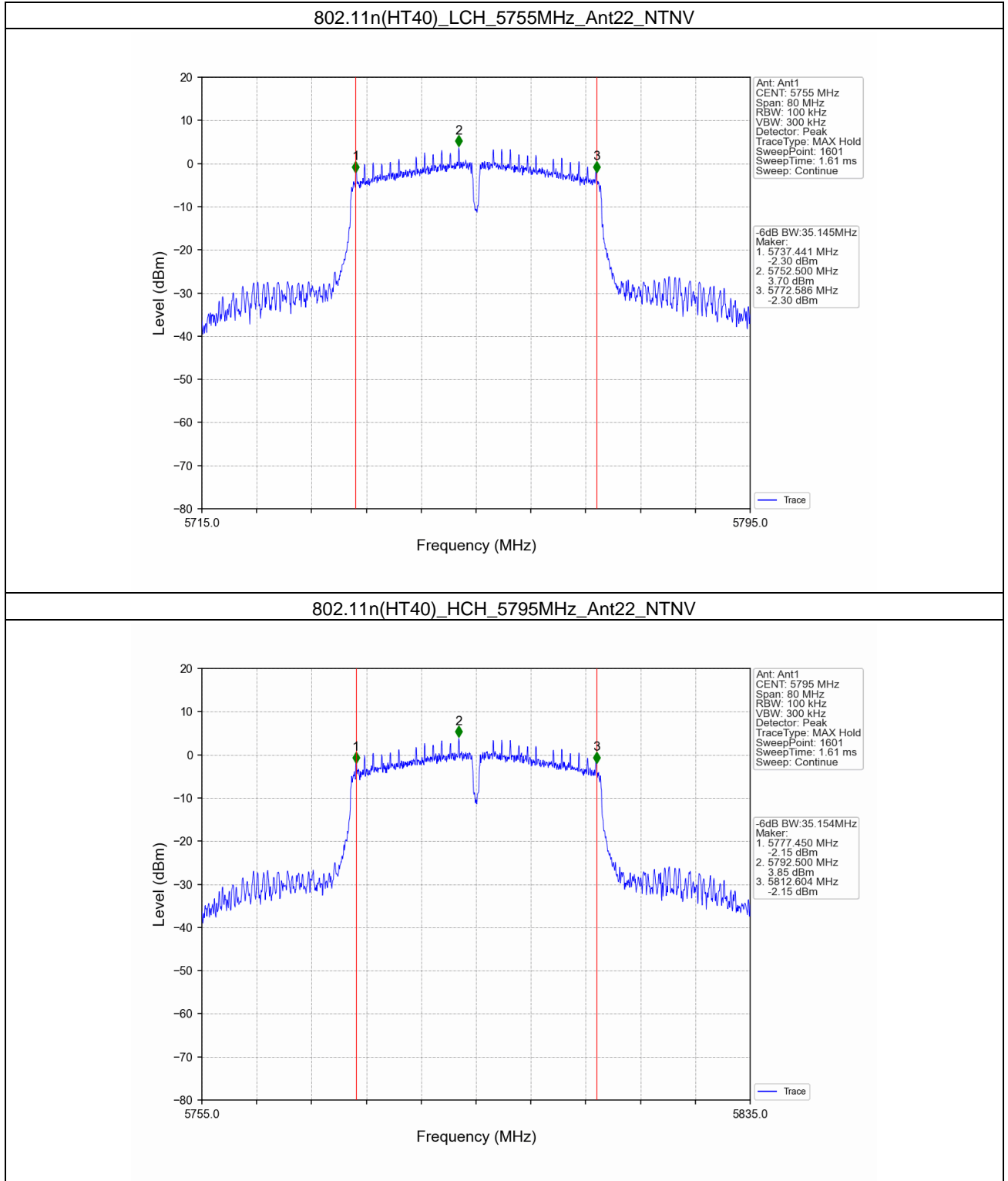
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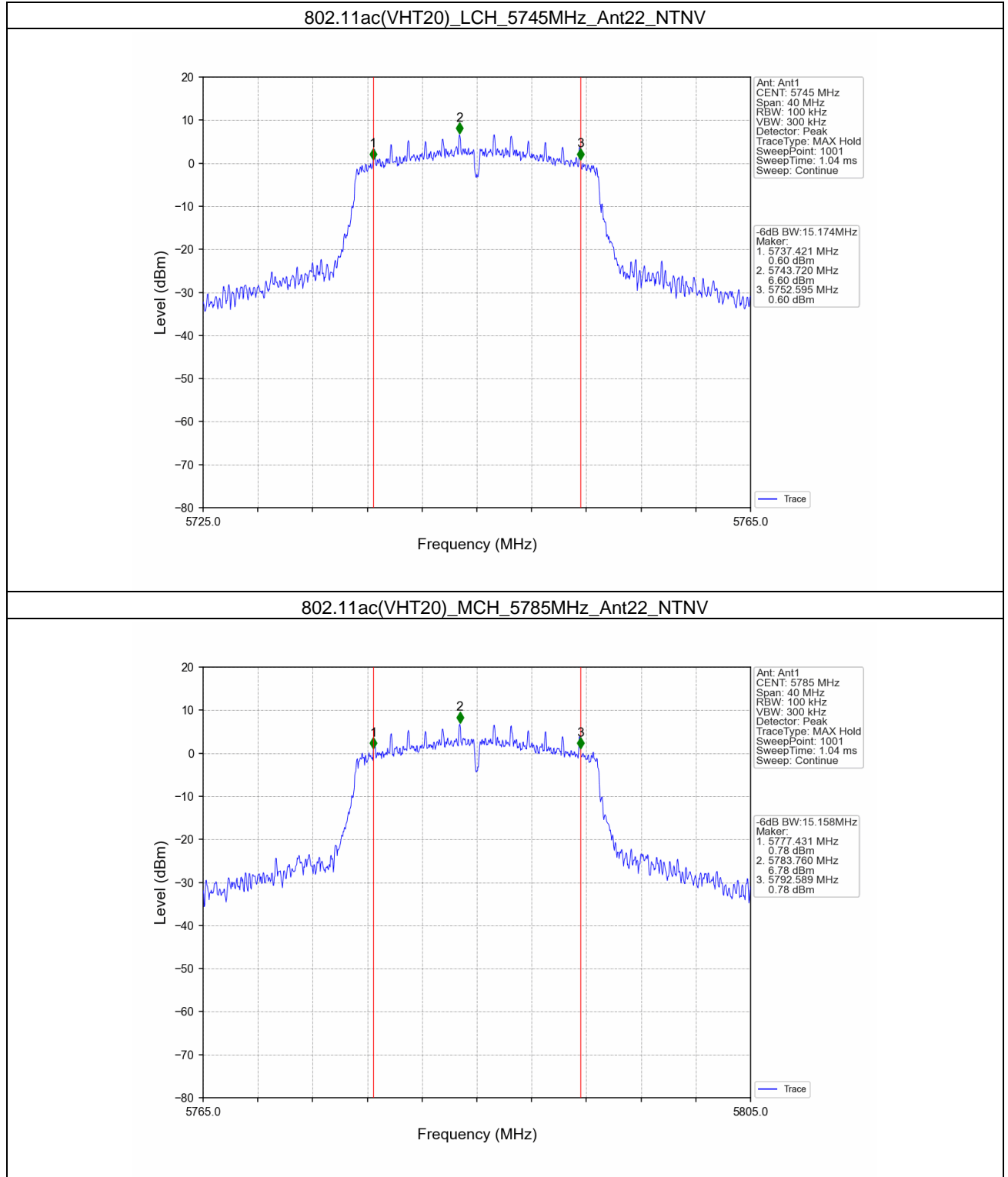
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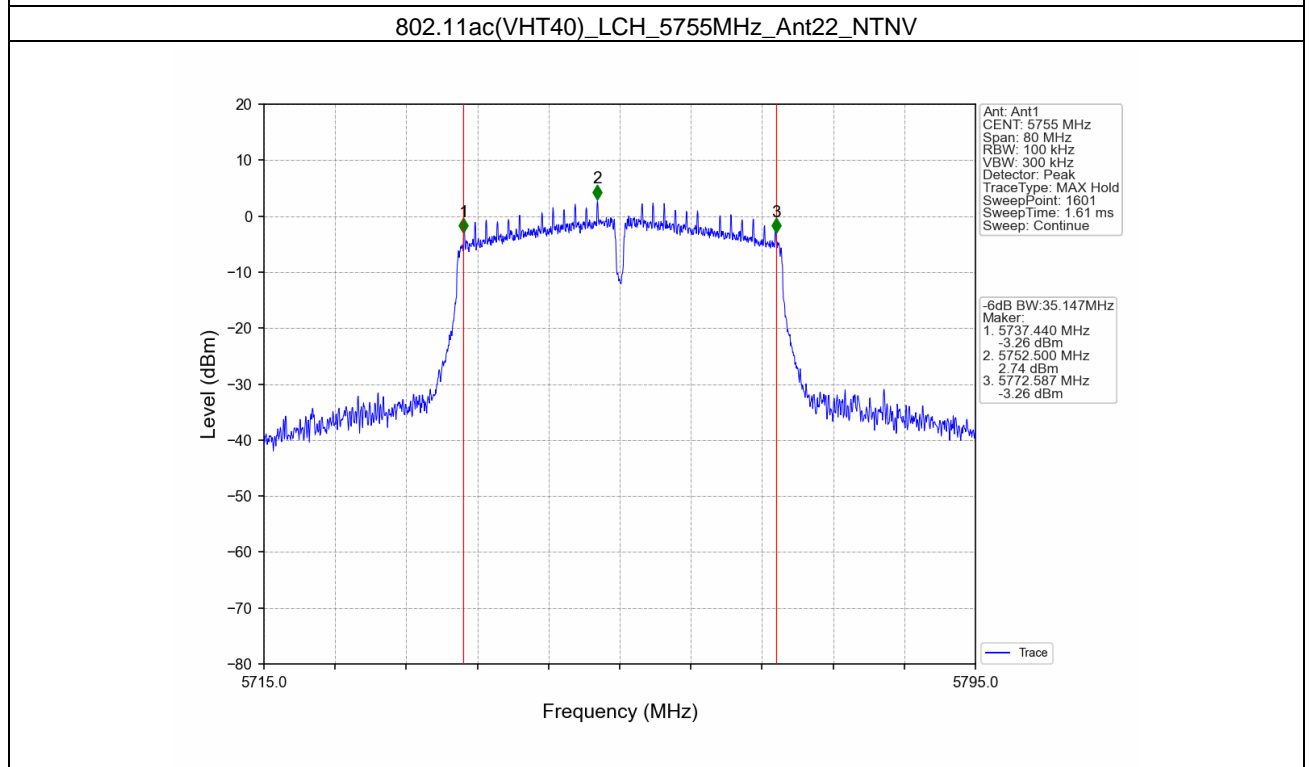
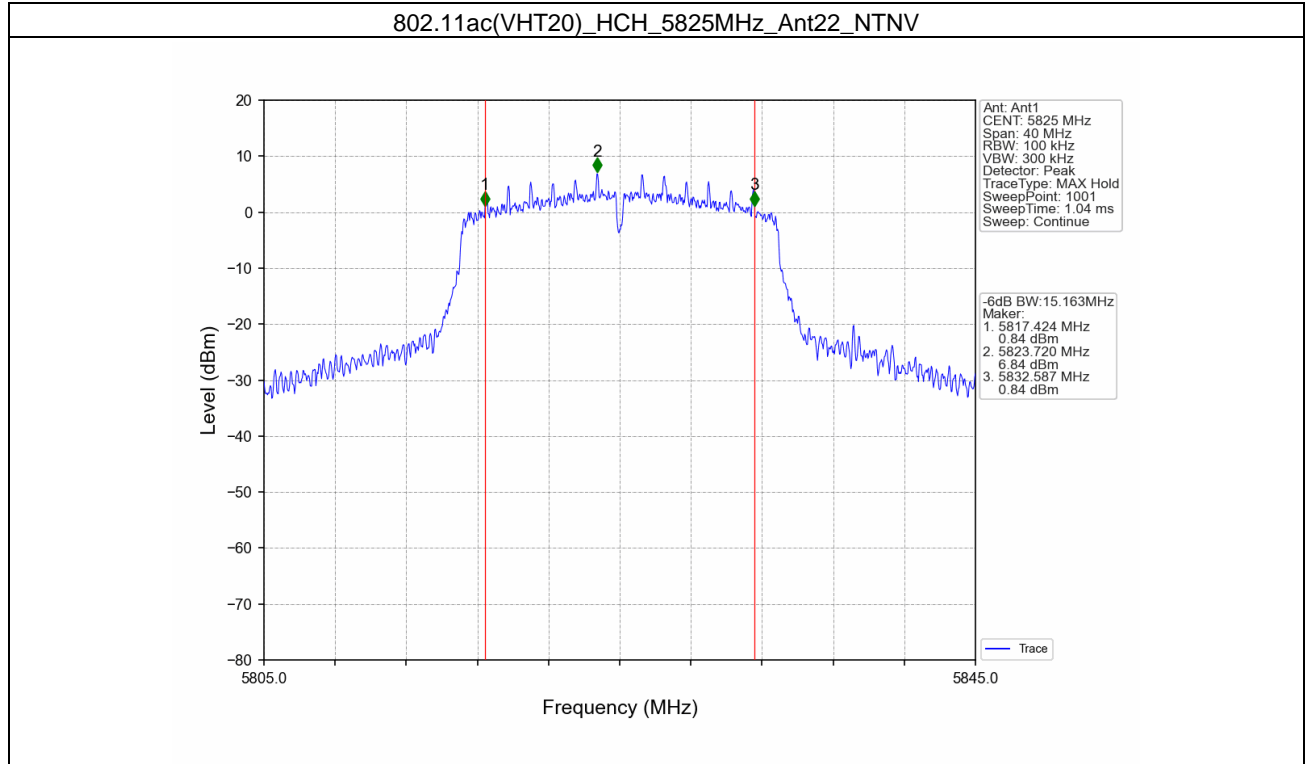
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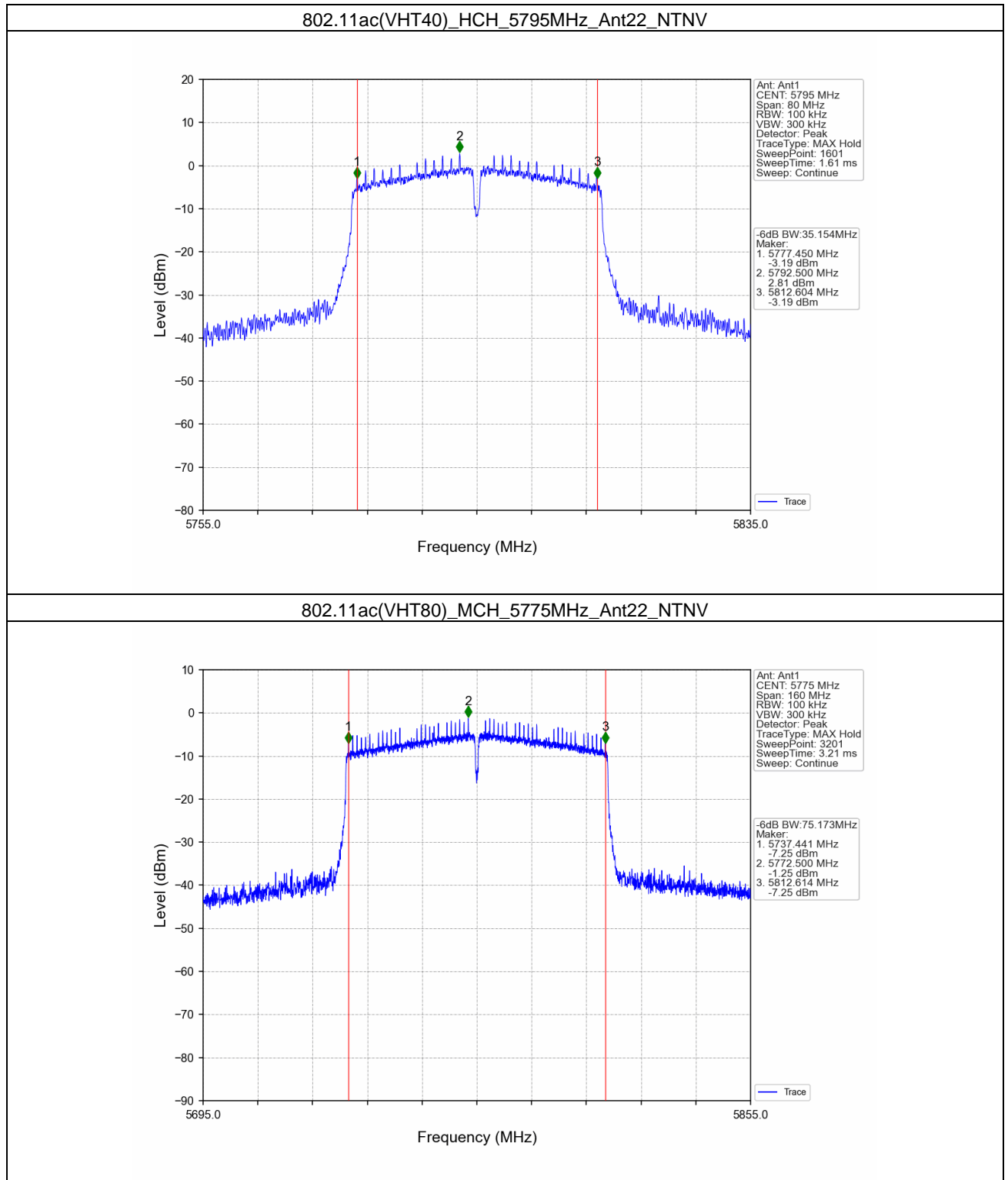
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2.3 26dB BW

2.3.1 Test Result

| Mode | TX Type | Frequency (MHz) | ANT | 26dB Bandwidth (MHz) | | Verdict |
|------------------|---------|-----------------|-----|----------------------|-------|---------|
| | | | | Result | Limit | |
| 802.11a | SISO | 5180 | 22 | 20.032 | / | Pass |
| | | 5200 | 22 | 20.117 | / | Pass |
| | | 5240 | 22 | 30.871 | / | Pass |
| | | 5260 | 22 | 28.121 | / | Pass |
| | | 5300 | 22 | 27.921 | / | Pass |
| | | 5320 | 22 | 20.101 | / | Pass |
| | | 5500 | 22 | 20.224 | / | Pass |
| | | 5580 | 22 | 30.727 | / | Pass |
| | | 5700 | 22 | 20.073 | / | Pass |
| | | 5720 | 22 | 29.013 | / | Pass |
| 802.11n (HT20) | SISO | 5180 | 22 | 20.315 | / | Pass |
| | | 5200 | 22 | 20.405 | / | Pass |
| | | 5240 | 22 | 25.055 | / | Pass |
| | | 5260 | 22 | 24.023 | / | Pass |
| | | 5300 | 22 | 24.574 | / | Pass |
| | | 5320 | 22 | 20.465 | / | Pass |
| | | 5500 | 22 | 20.303 | / | Pass |
| | | 5580 | 22 | 25.412 | / | Pass |
| | | 5700 | 22 | 20.304 | / | Pass |
| | | 5720 | 22 | 26.533 | / | Pass |
| 802.11n (HT40) | SISO | 5190 | 22 | 40.771 | / | Pass |
| | | 5230 | 22 | 42.292 | / | Pass |
| | | 5270 | 22 | 50.685 | / | Pass |
| | | 5310 | 22 | 40.761 | / | Pass |
| | | 5510 | 22 | 40.959 | / | Pass |
| | | 5550 | 22 | 56.851 | / | Pass |
| | | 5670 | 22 | 40.783 | / | Pass |
| | | 5710 | 22 | 53.823 | / | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 22 | 20.379 | / | Pass |
| | | 5200 | 22 | 20.426 | / | Pass |
| | | 5240 | 22 | 22.062 | / | Pass |
| | | 5260 | 22 | 22.371 | / | Pass |
| | | 5300 | 22 | 24.624 | / | Pass |
| | | 5320 | 22 | 20.462 | / | Pass |
| | | 5500 | 22 | 20.476 | / | Pass |
| | | 5580 | 22 | 23.301 | / | Pass |
| | | 5700 | 22 | 20.310 | / | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 22 | 41.065 | / | Pass |
| | | 5230 | 22 | 41.537 | / | Pass |



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240400149706

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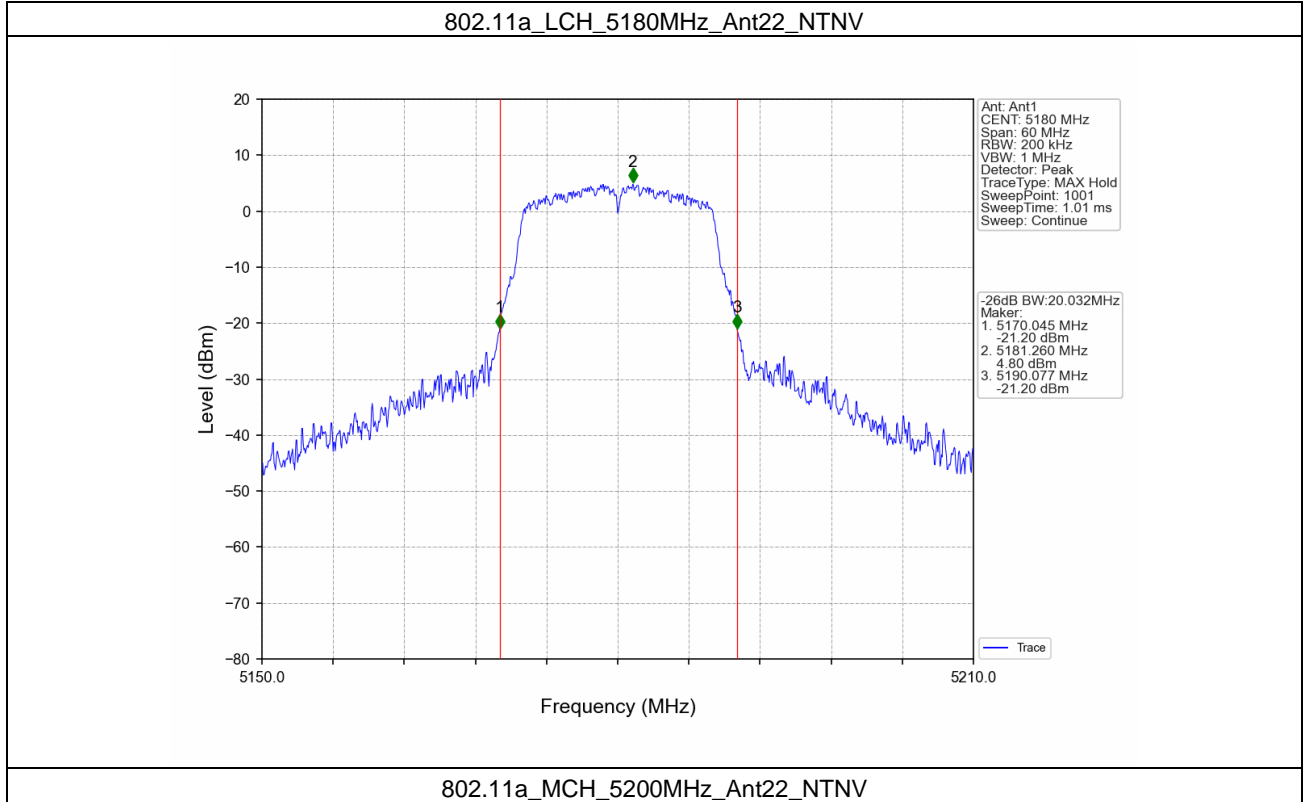
| | | | | | | |
|---------------------|------|------|----|--------|---|------|
| | | 5270 | 22 | 42.319 | / | Pass |
| | | 5310 | 22 | 40.849 | / | Pass |
| | | 5510 | 22 | 40.759 | / | Pass |
| | | 5550 | 22 | 41.052 | / | Pass |
| | | 5670 | 22 | 40.836 | / | Pass |
| | | 5710 | 22 | 41.096 | / | Pass |
| 802.11ac (VHT80) | SISO | 5210 | 22 | 81.232 | / | Pass |
| | | 5290 | 22 | 81.277 | / | Pass |
| | | 5530 | 22 | 81.306 | / | Pass |
| | | 5610 | 22 | 81.225 | / | Pass |
| | | 5690 | 22 | 81.556 | / | Pass |



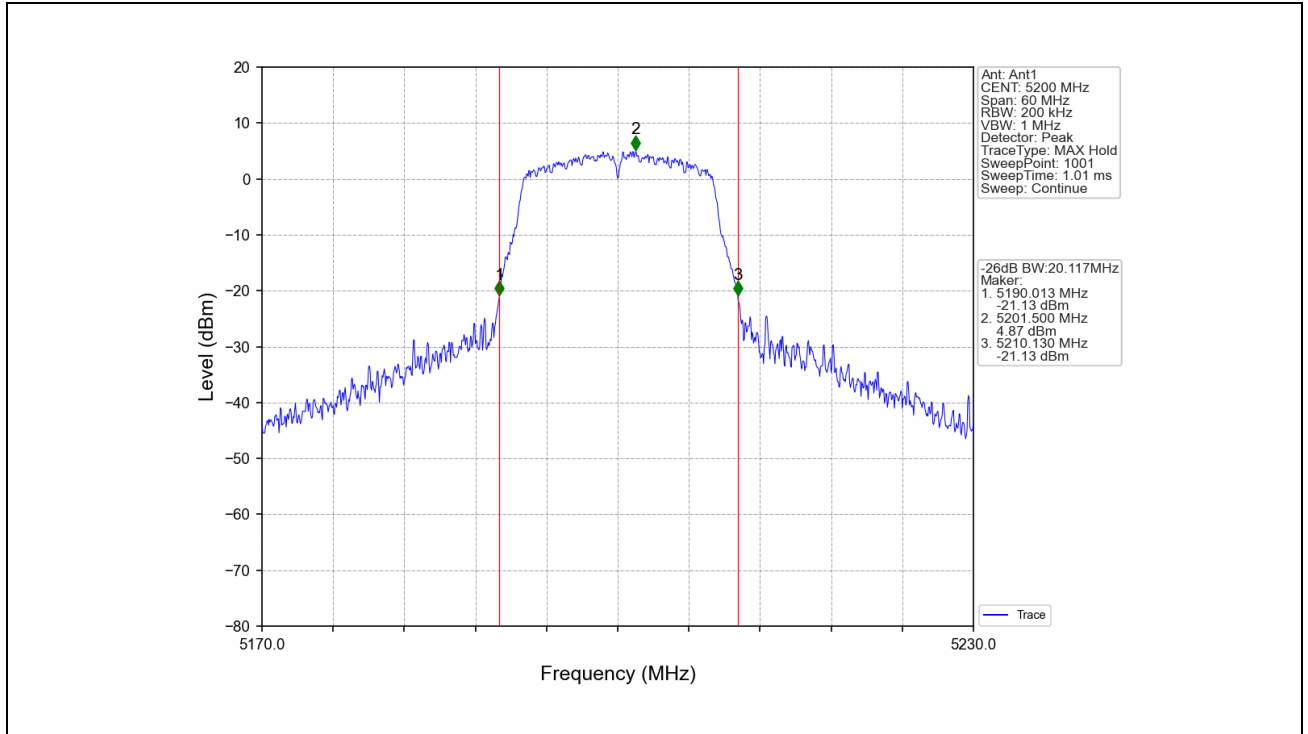
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2.3.2 Test Graph

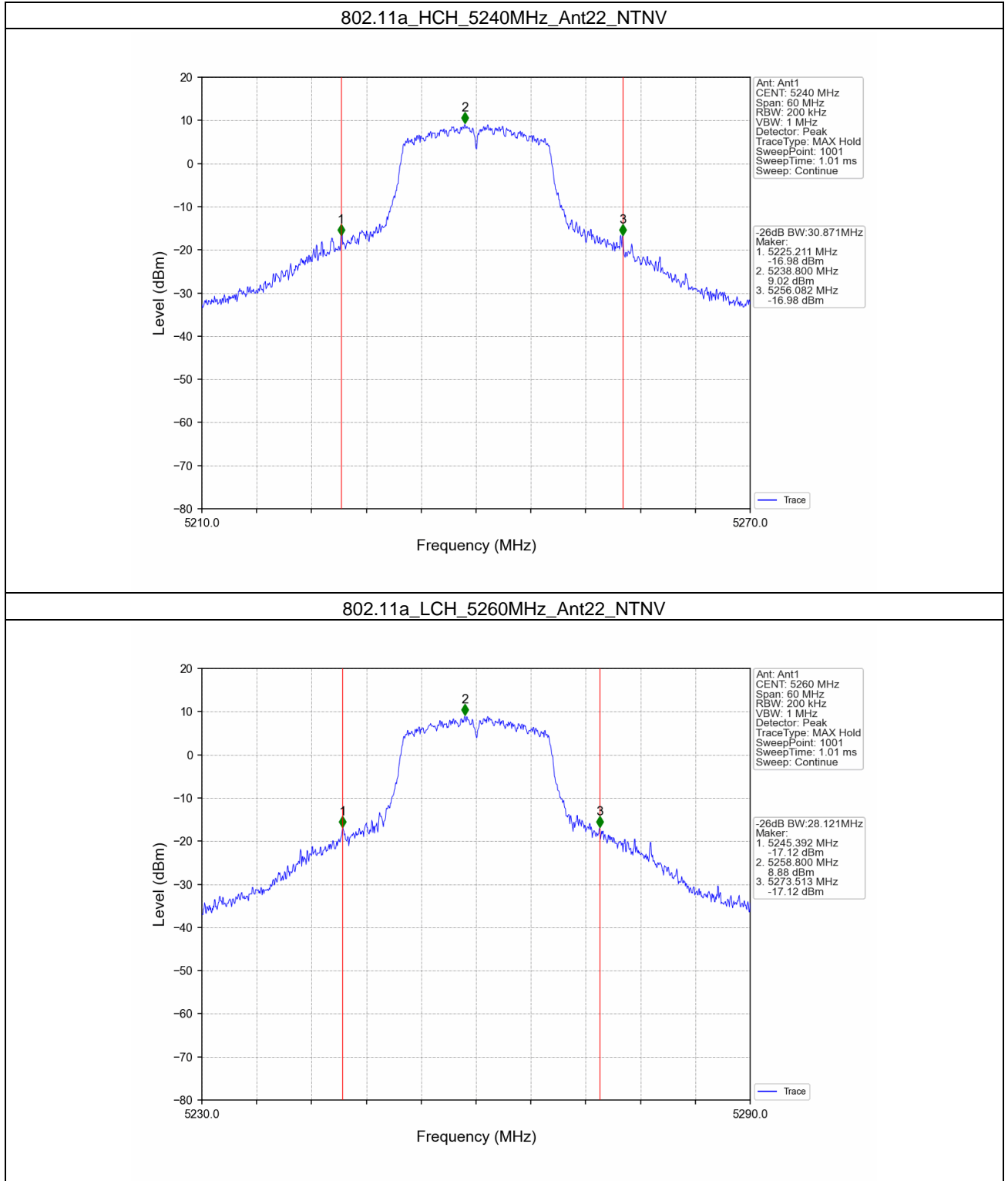


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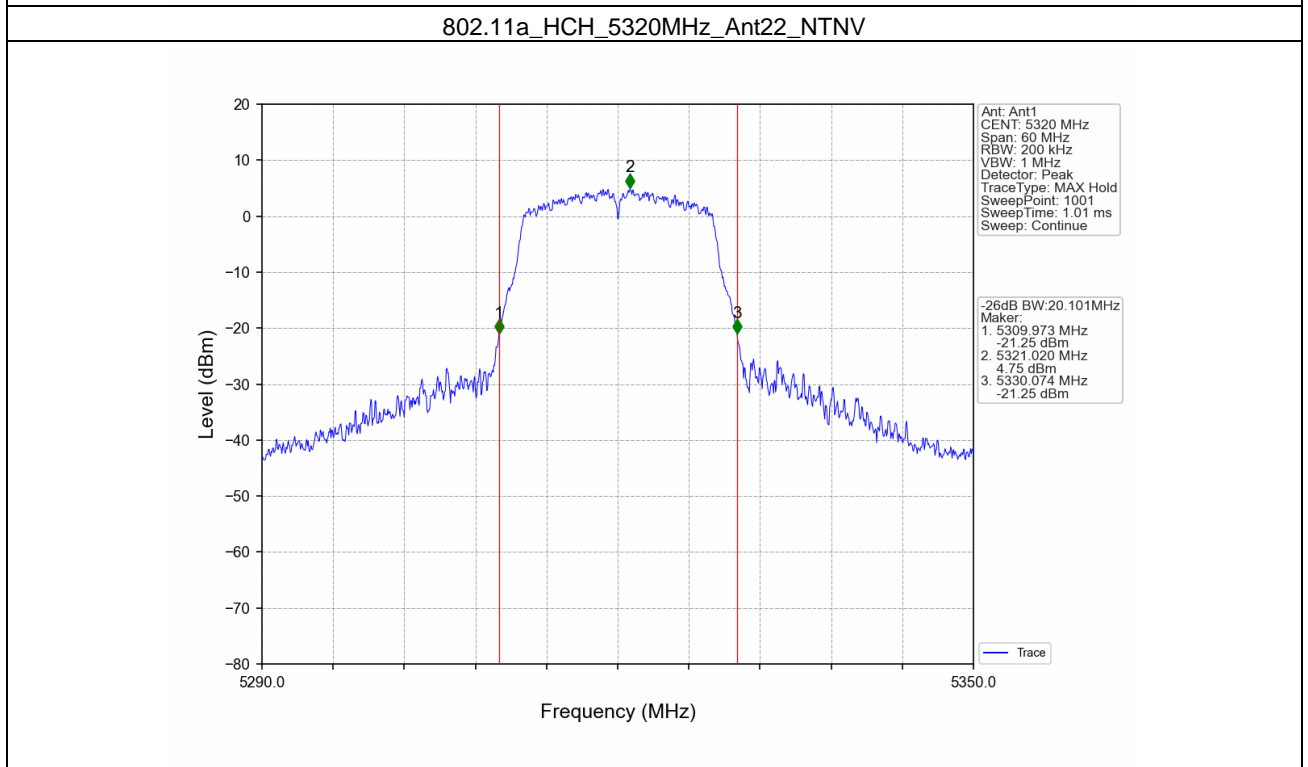
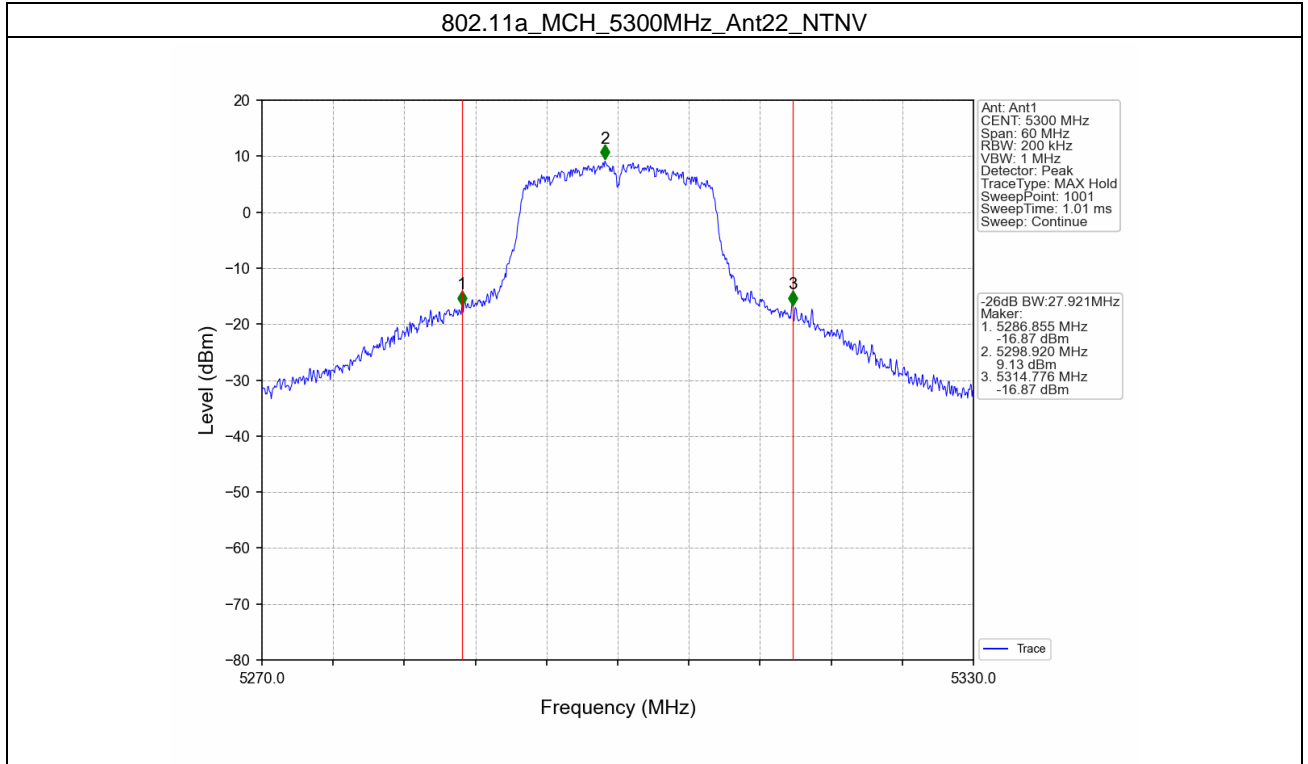
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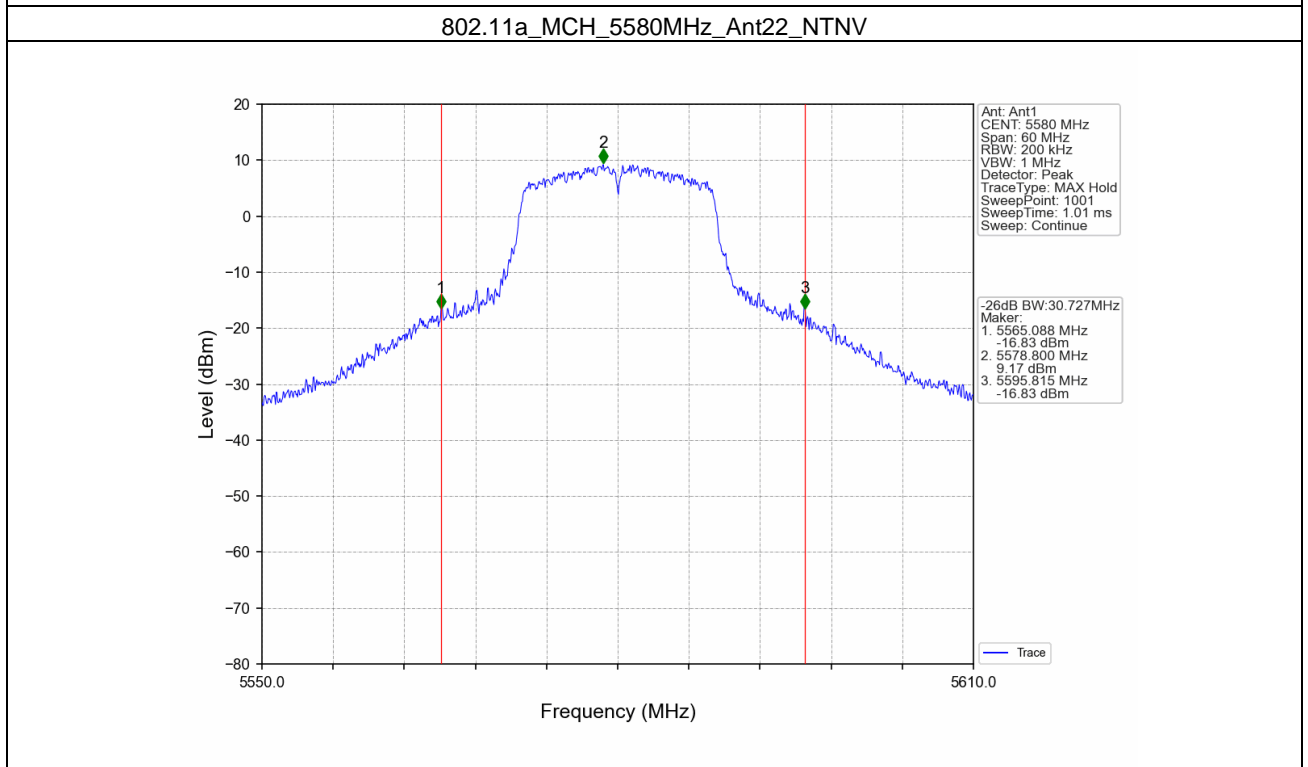
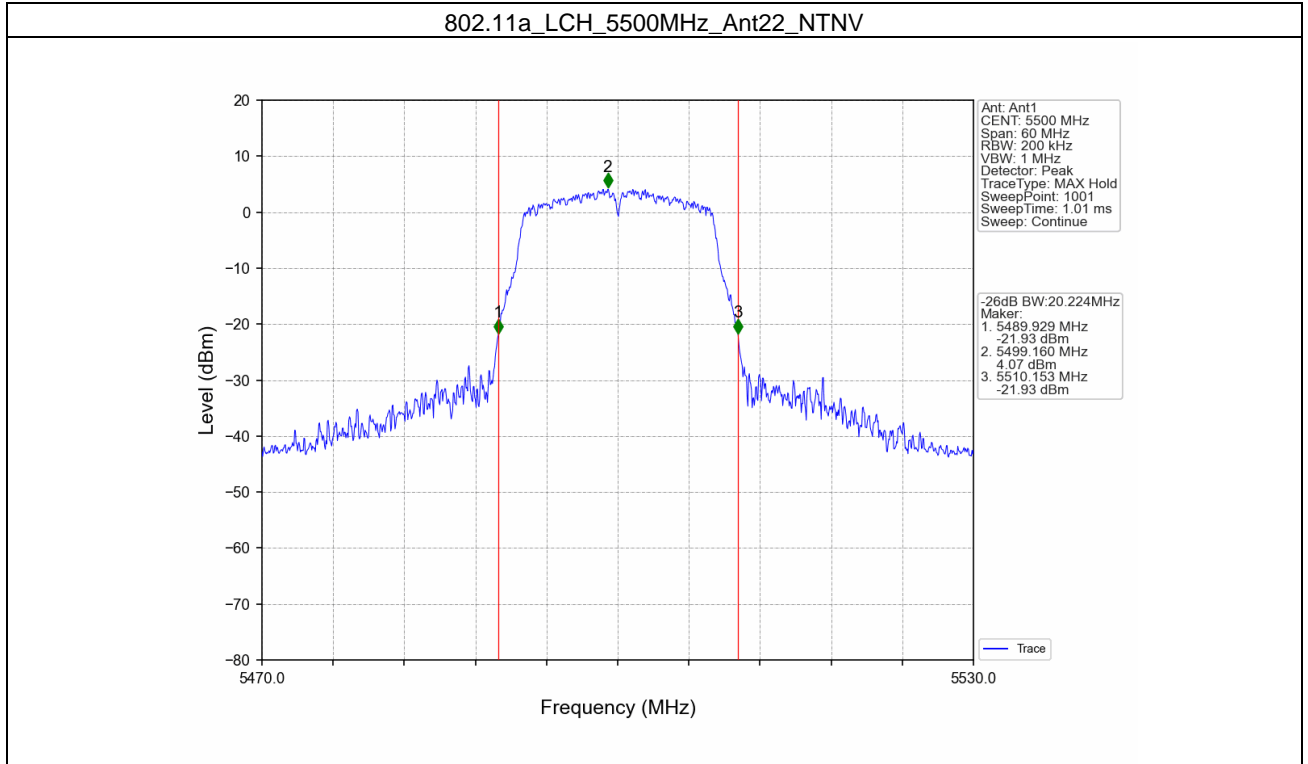
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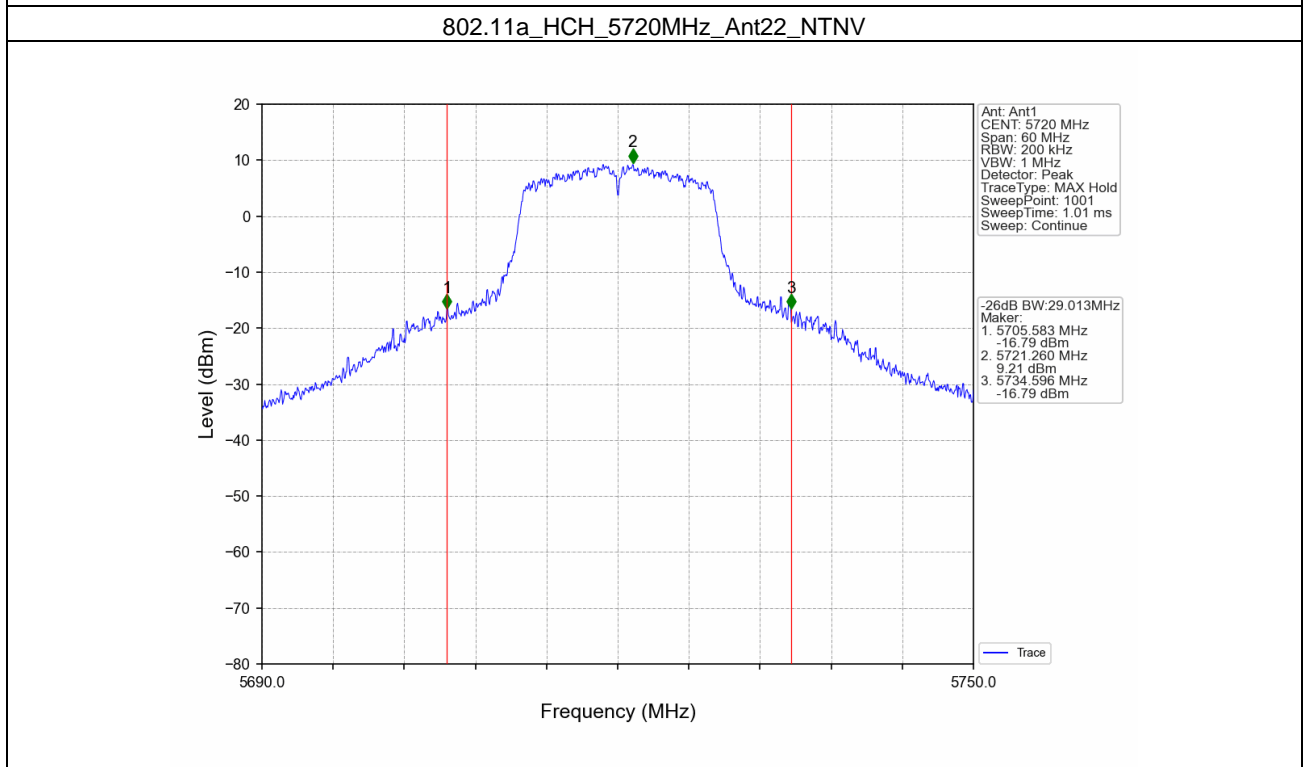
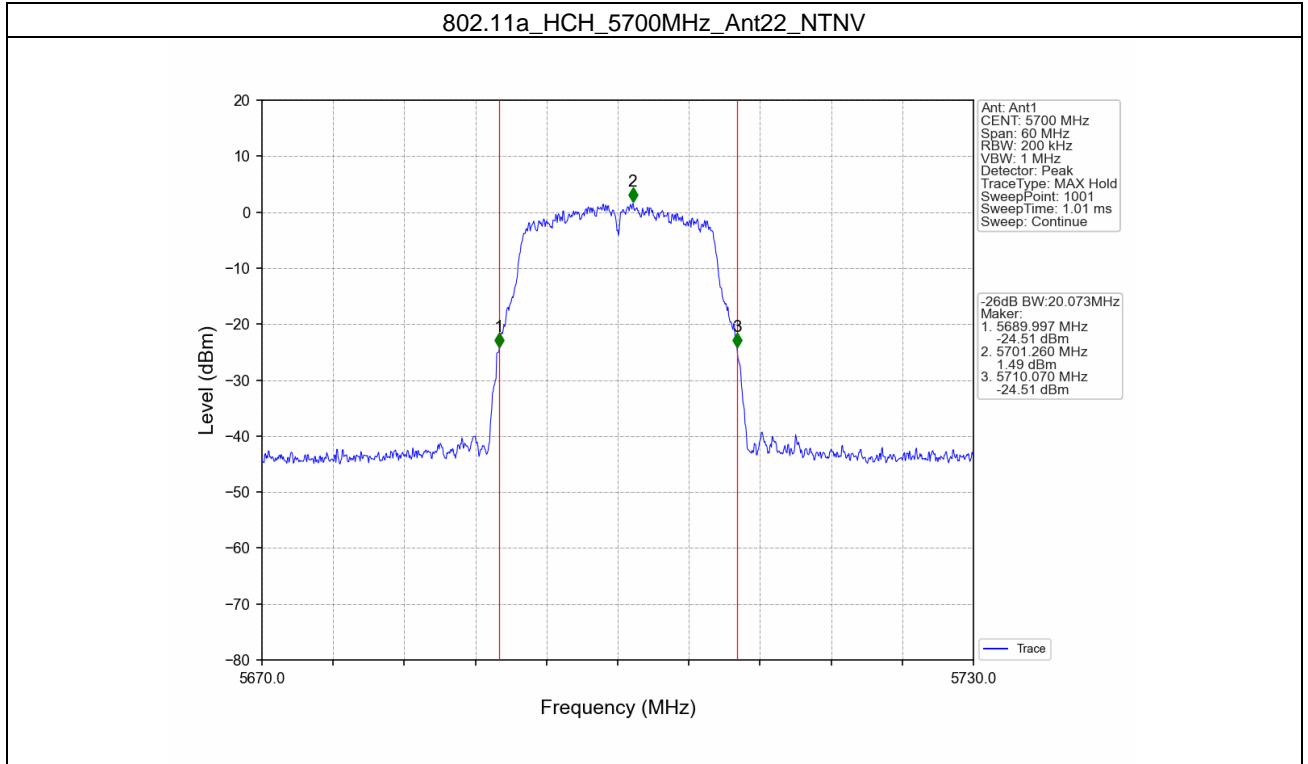


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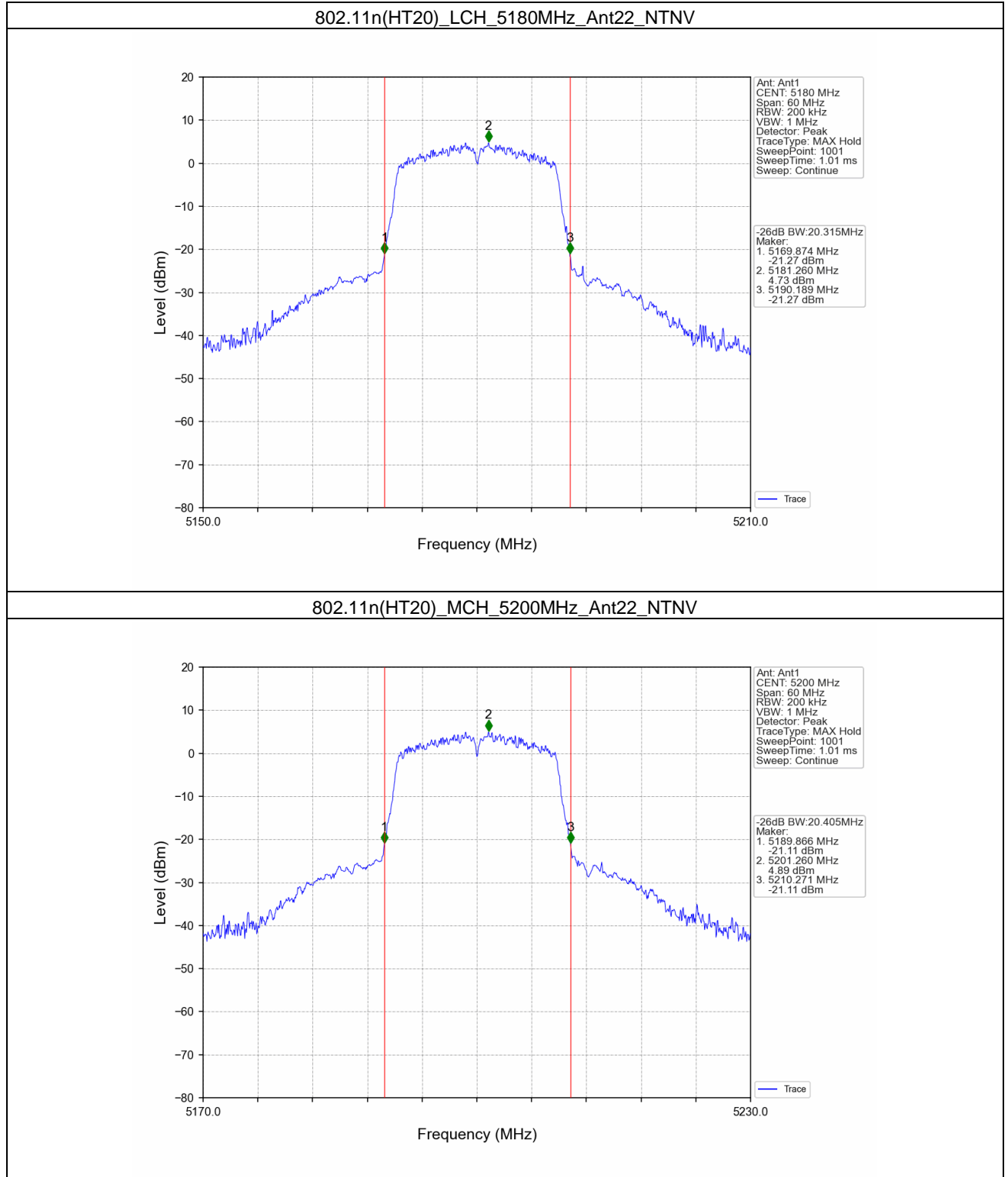
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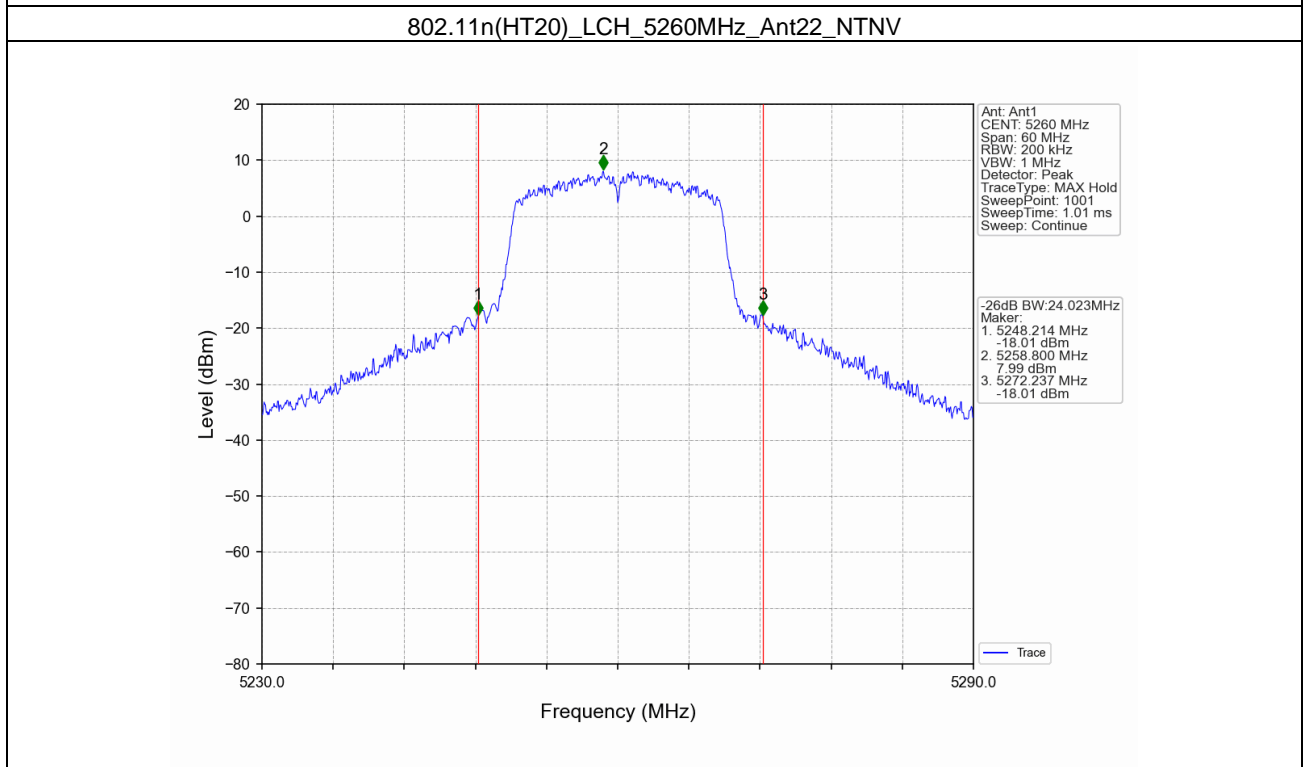
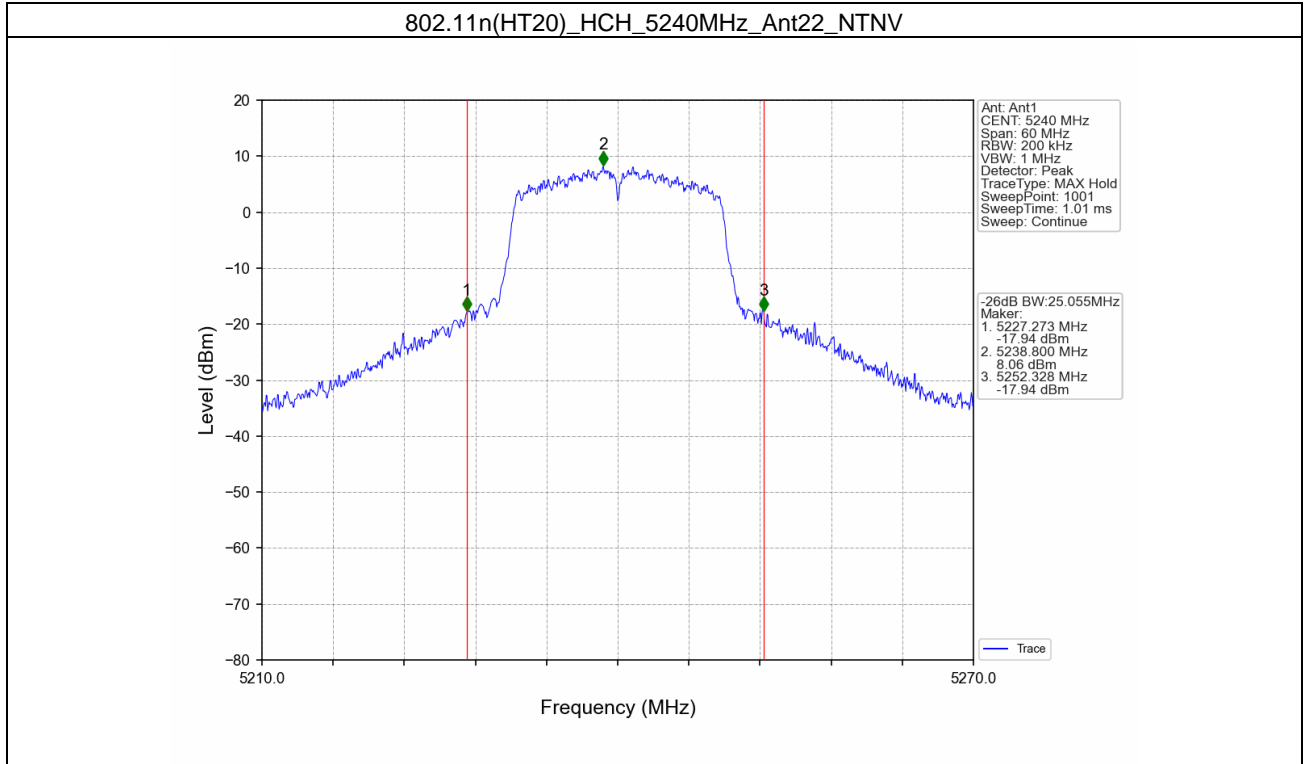
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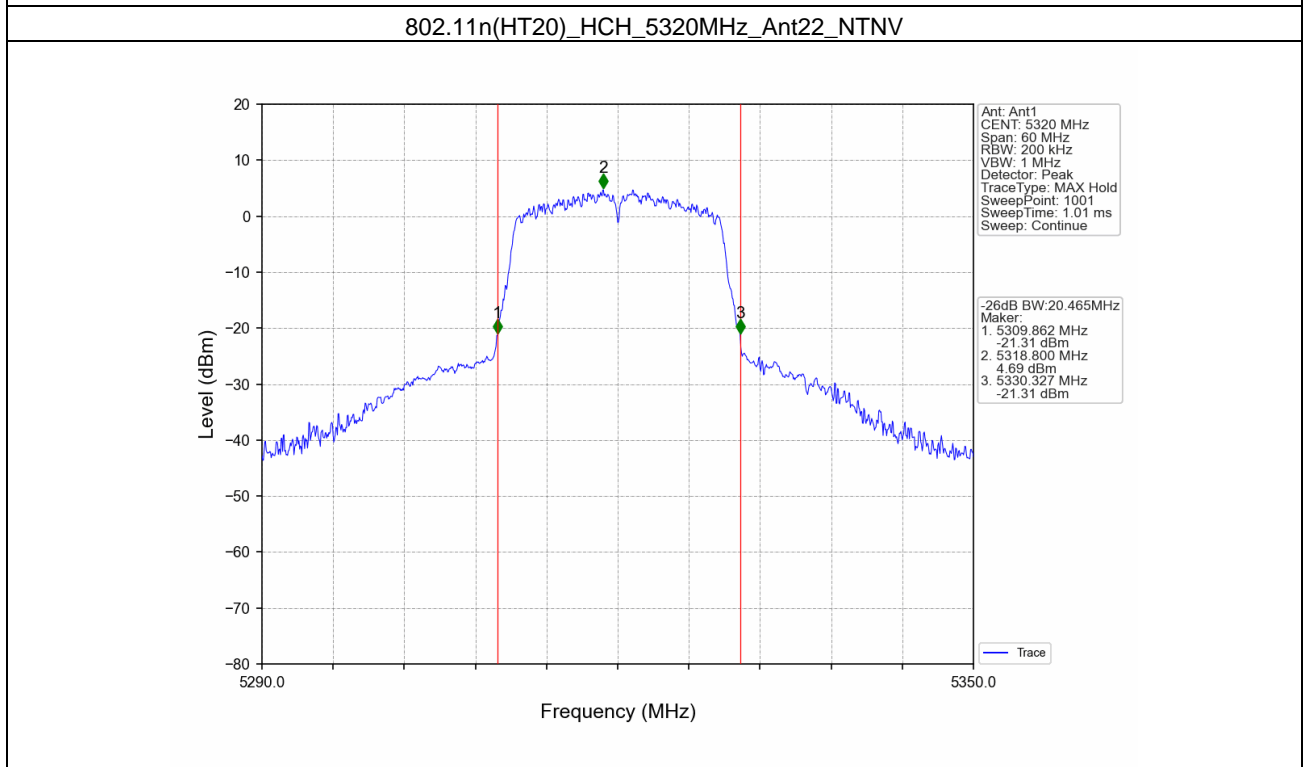
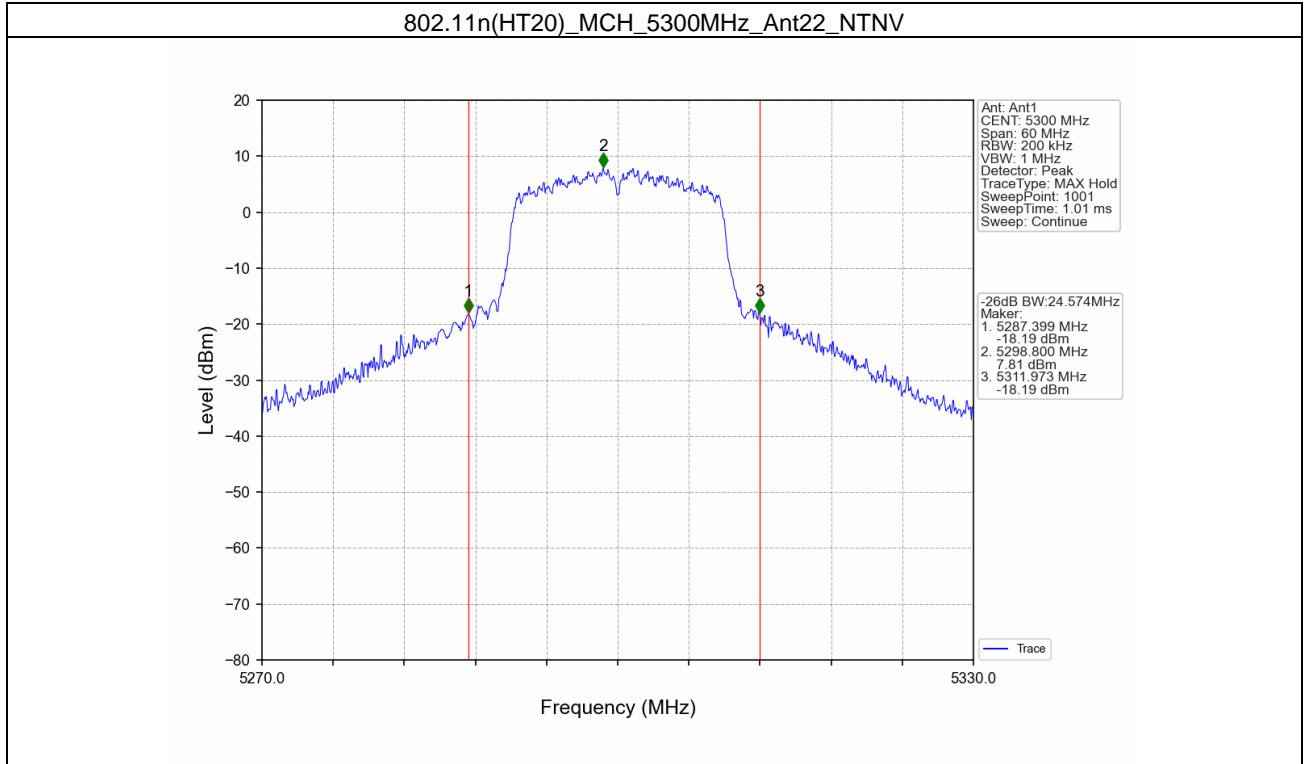


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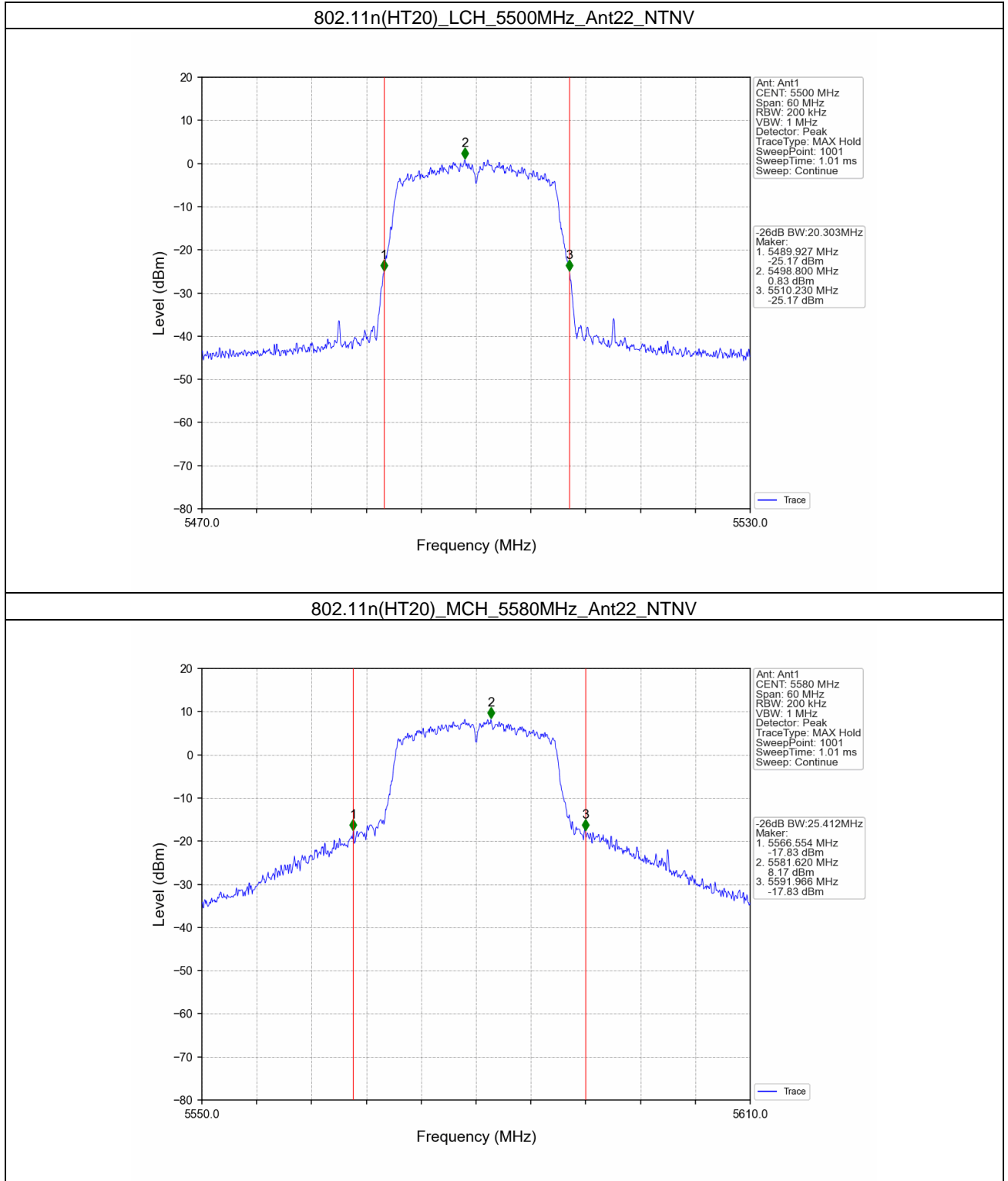
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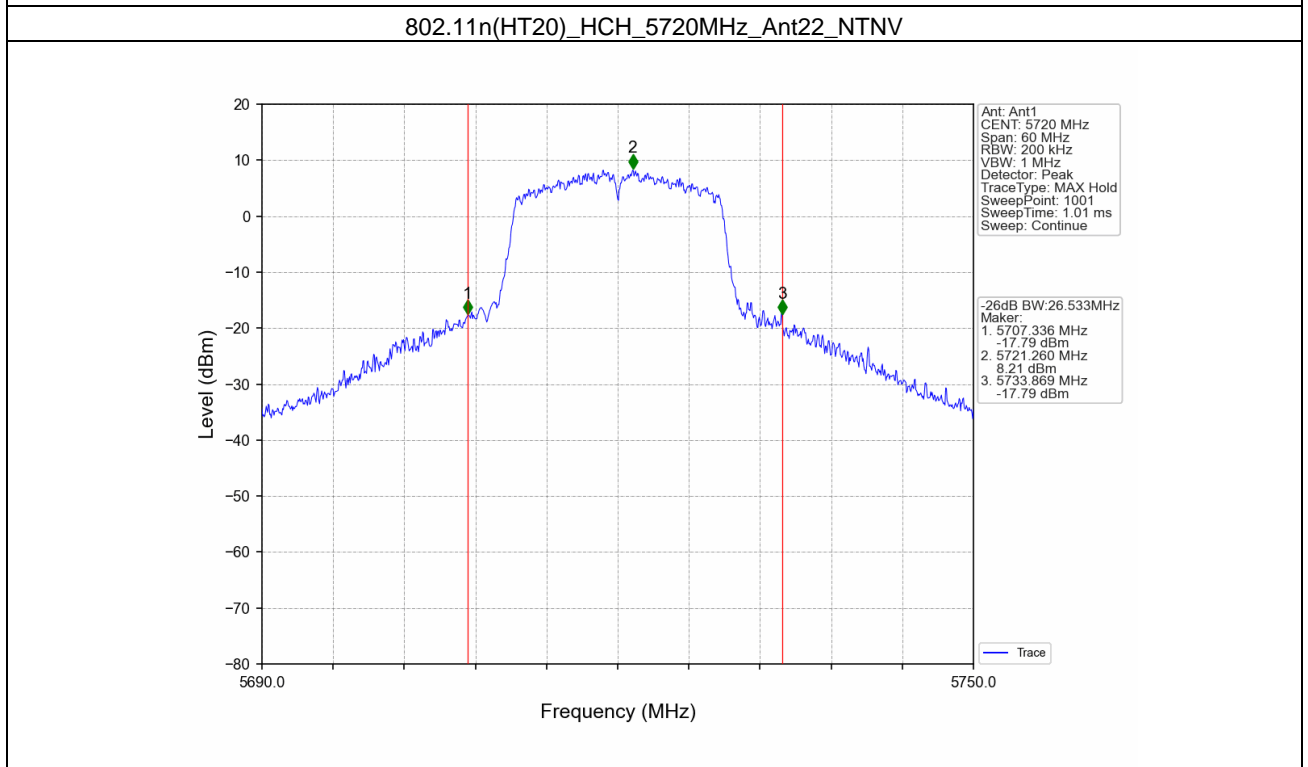
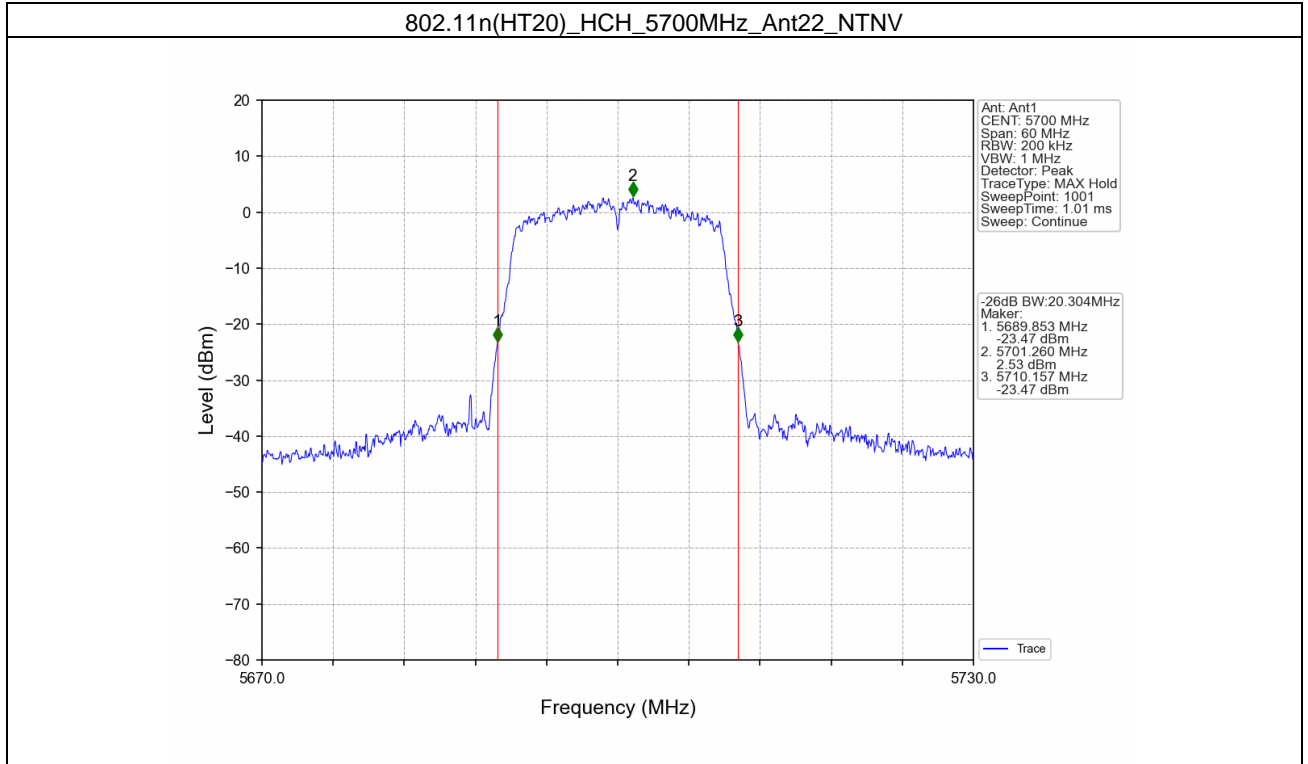


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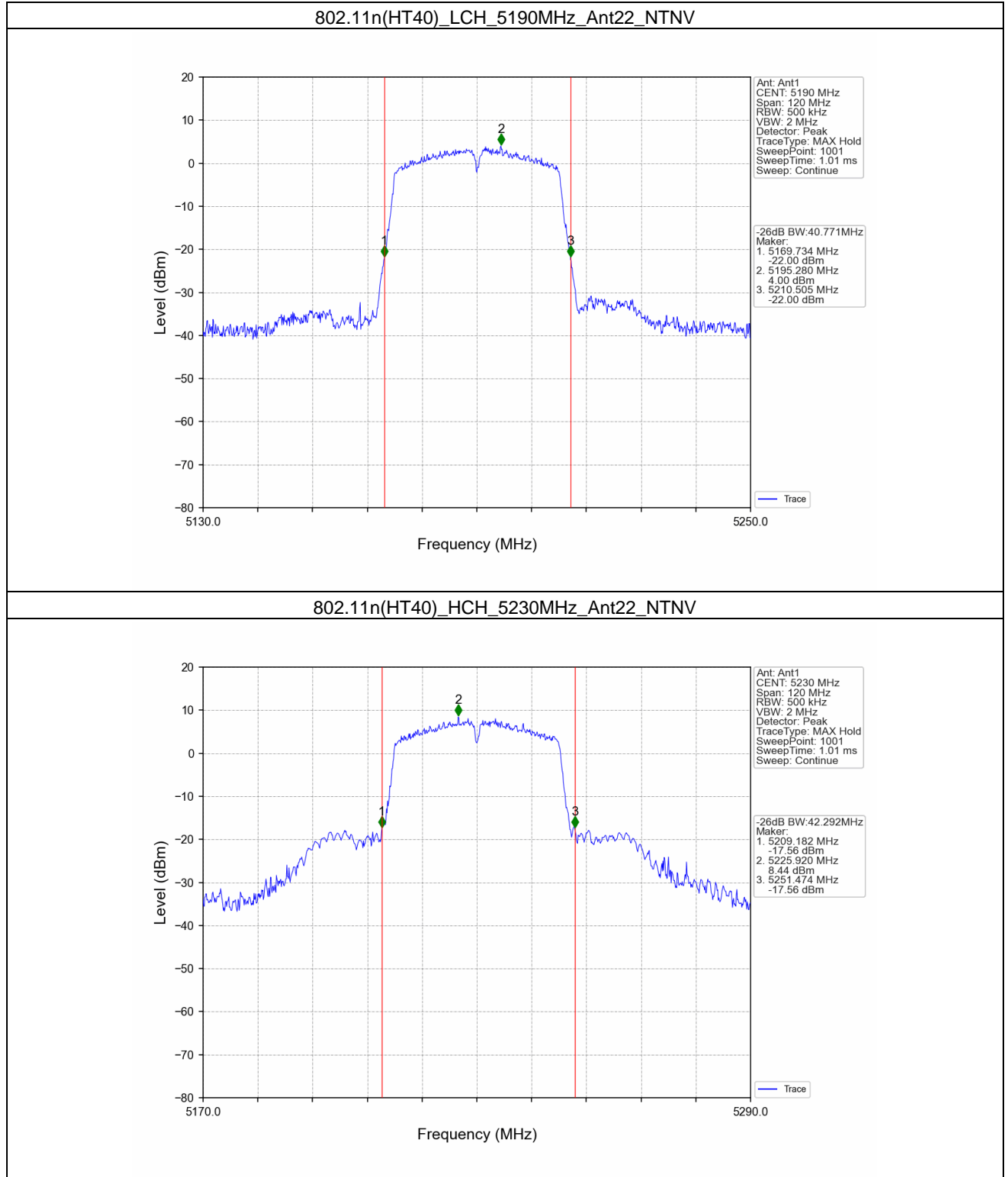
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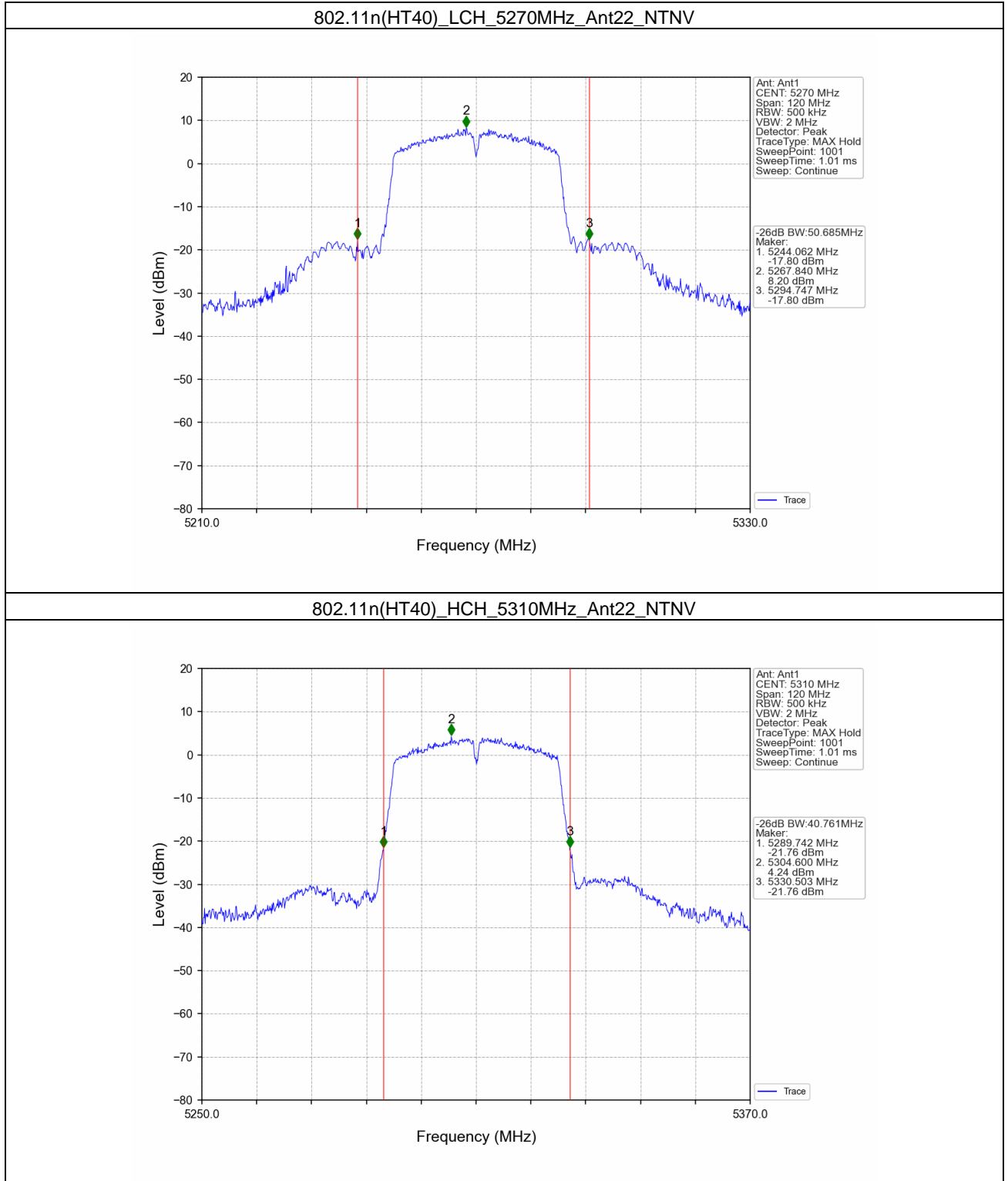


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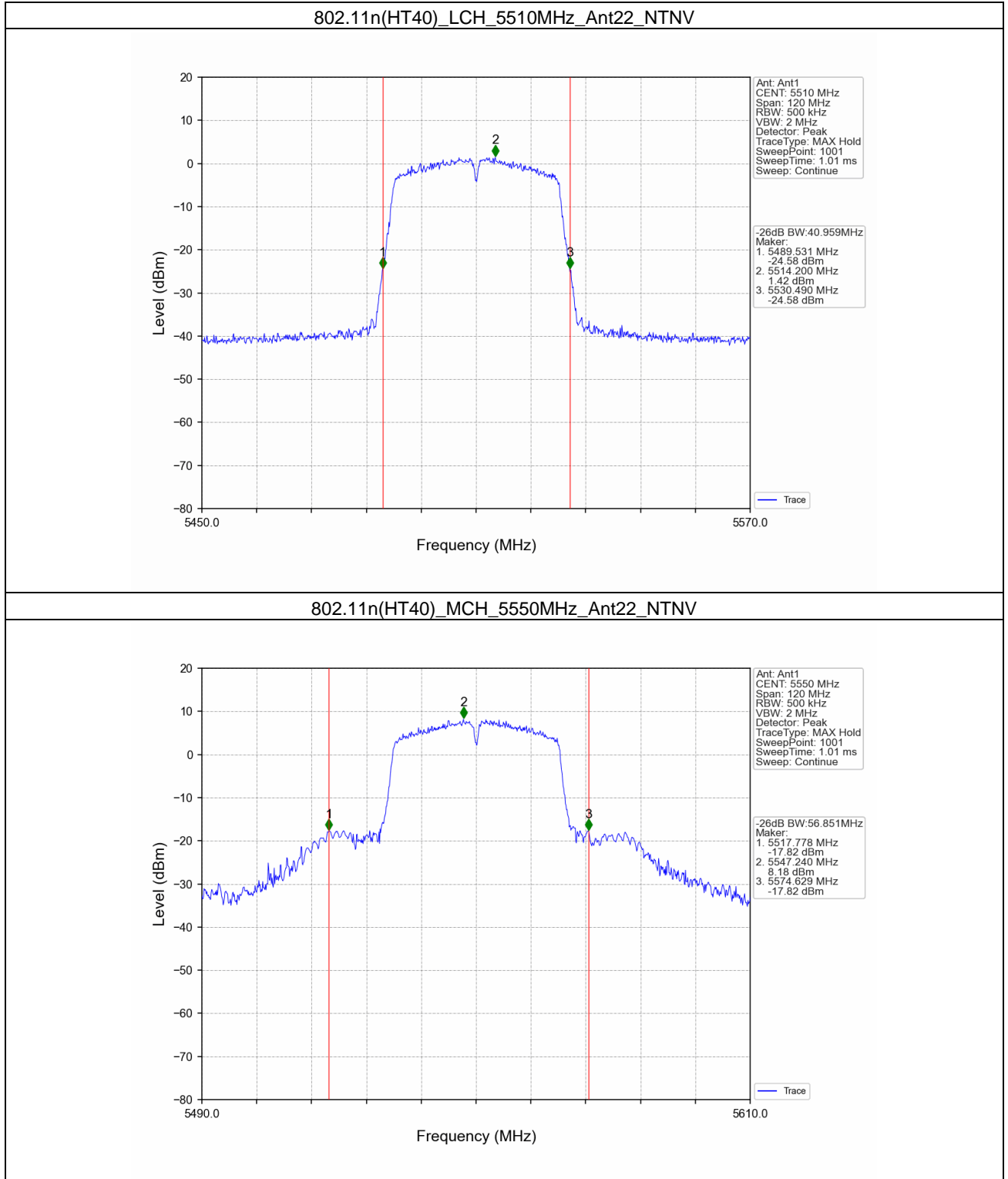


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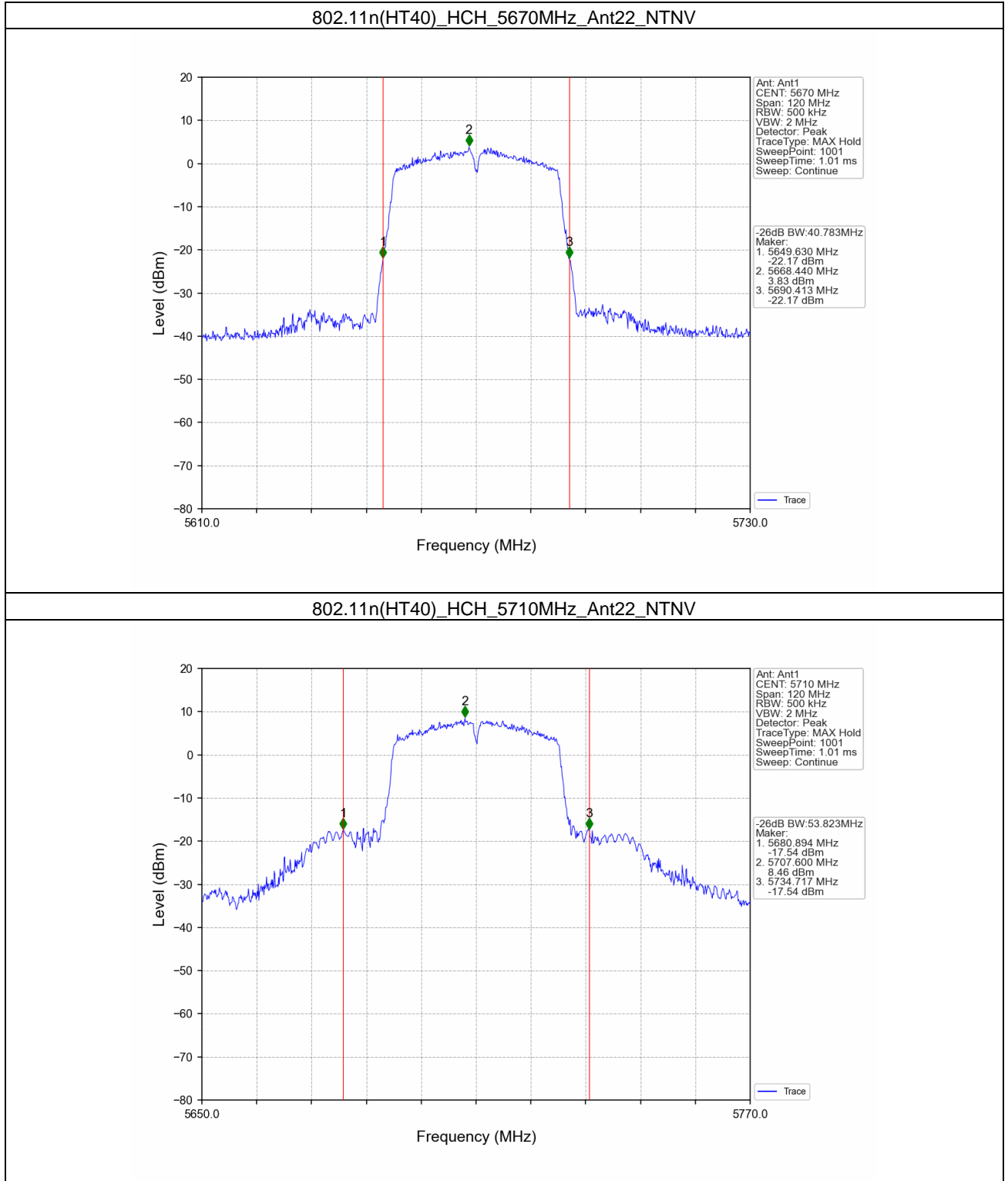


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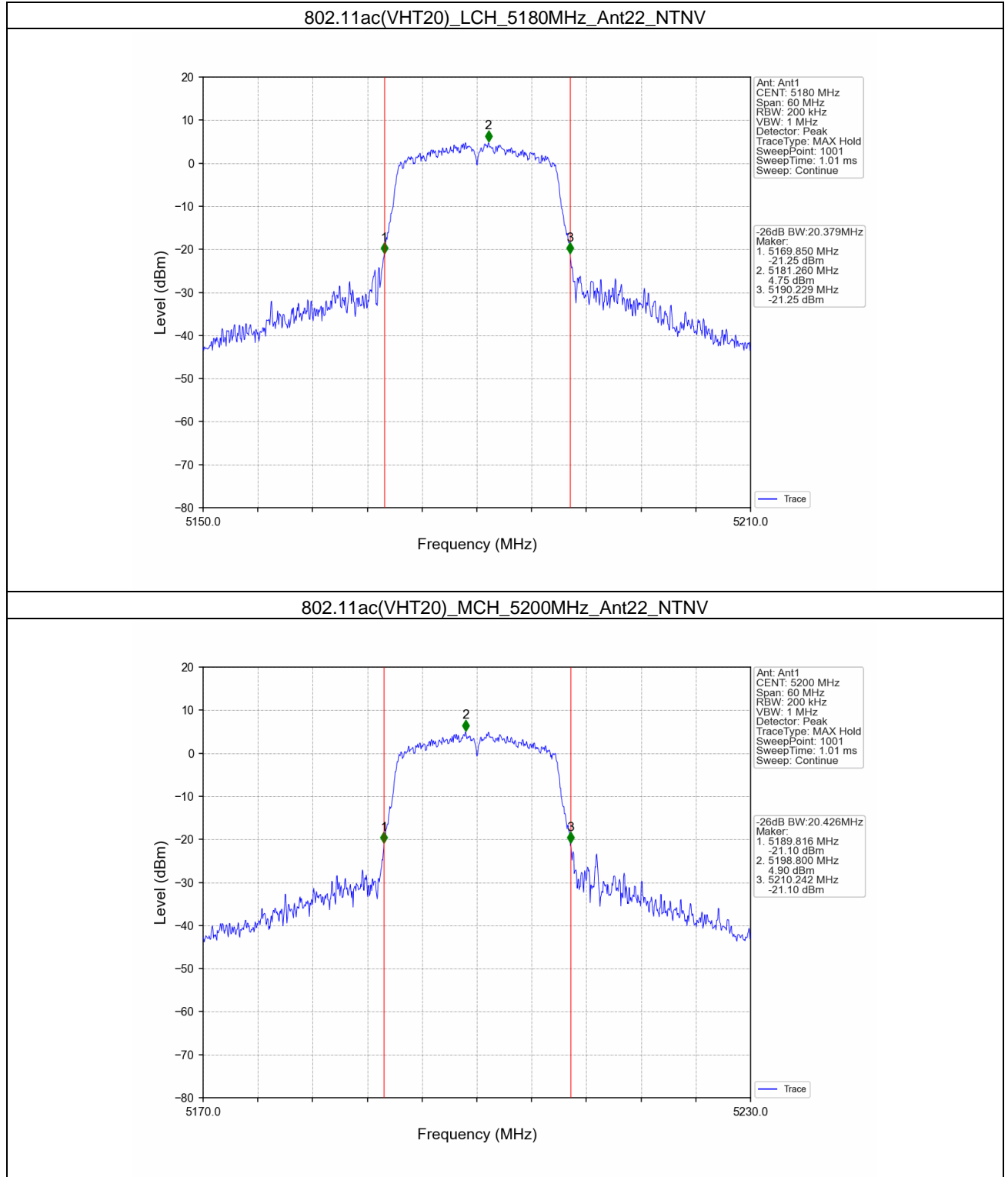
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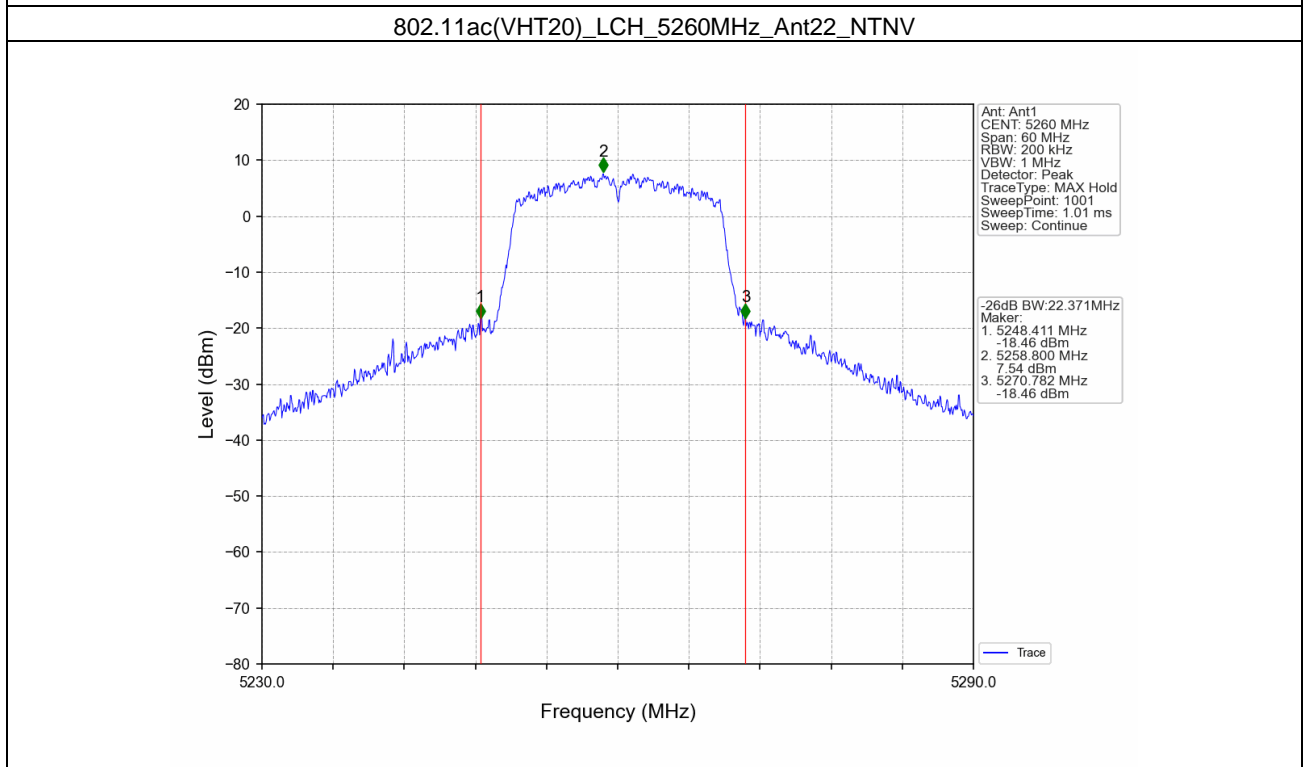
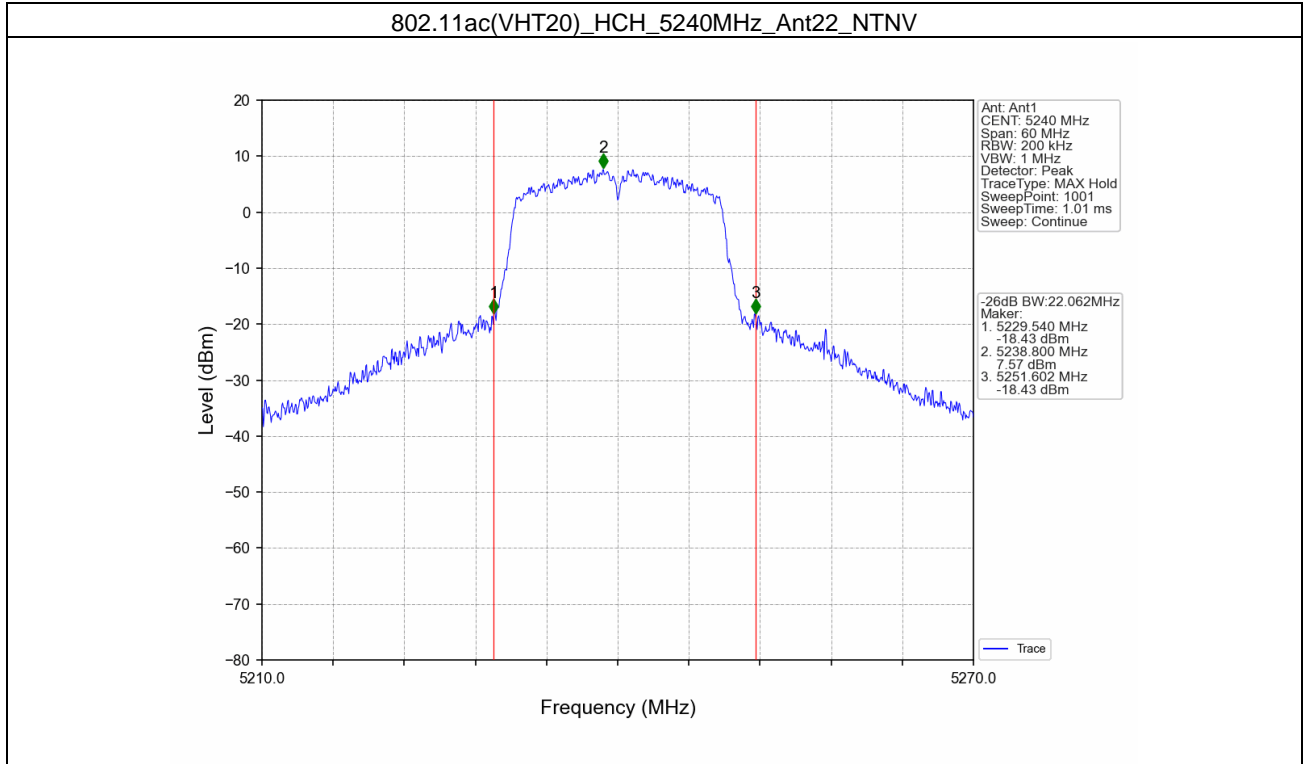


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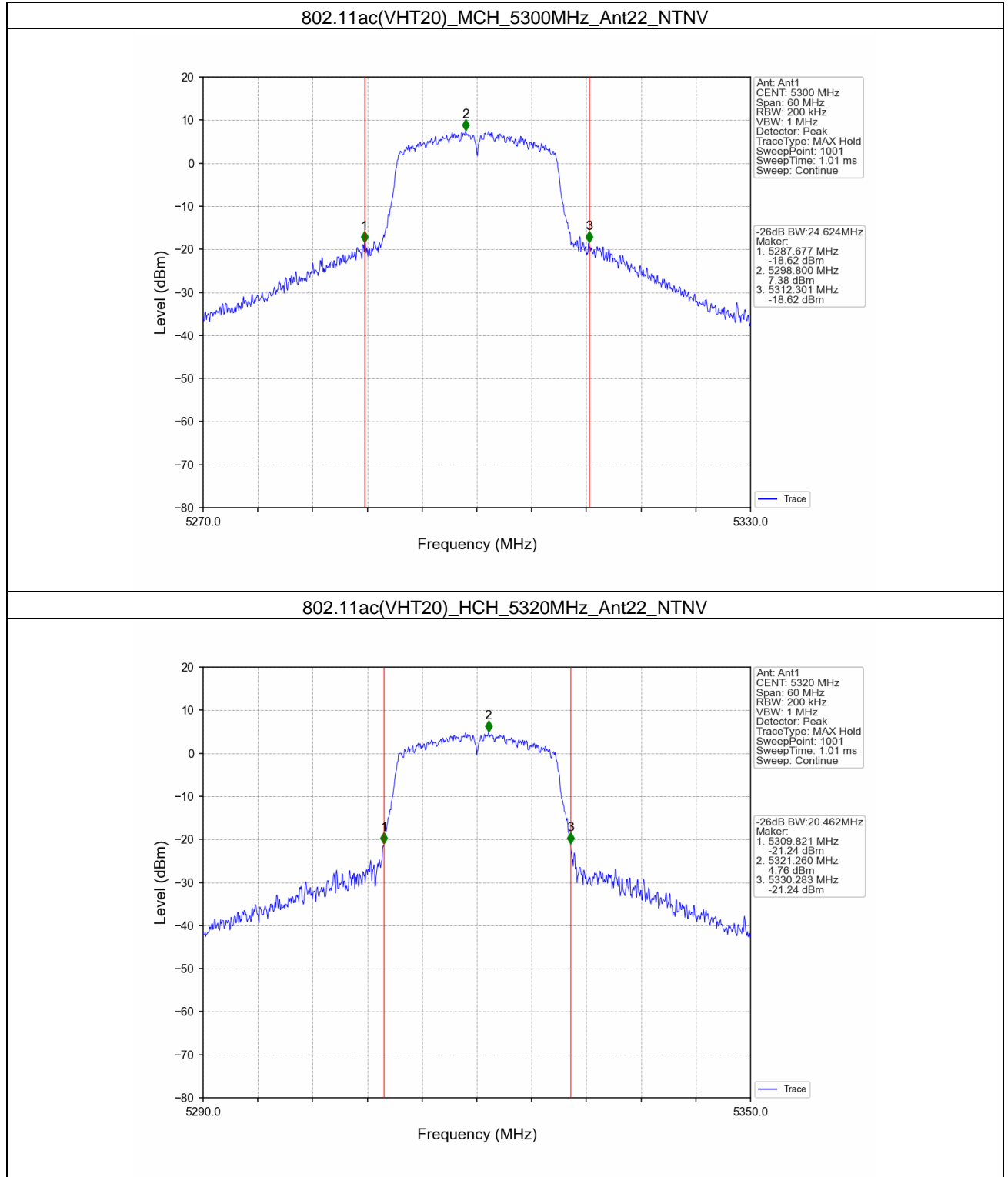
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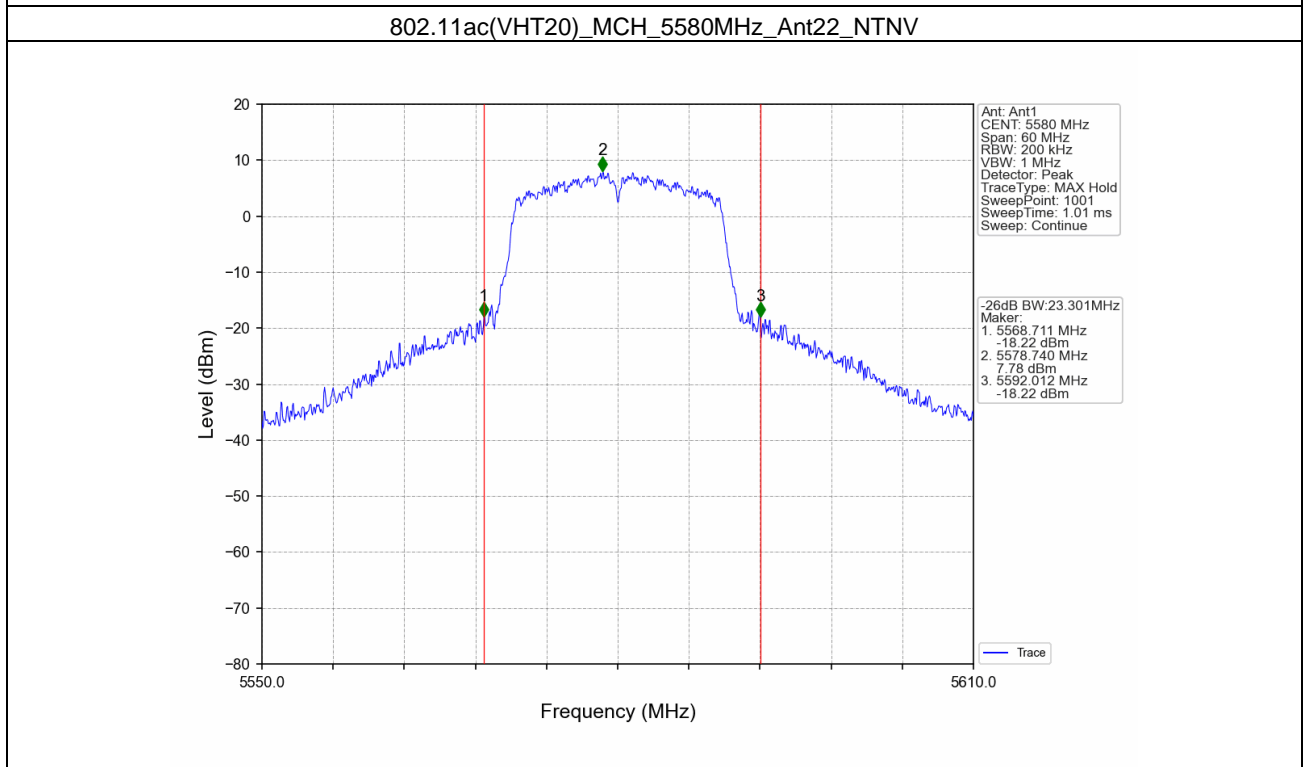
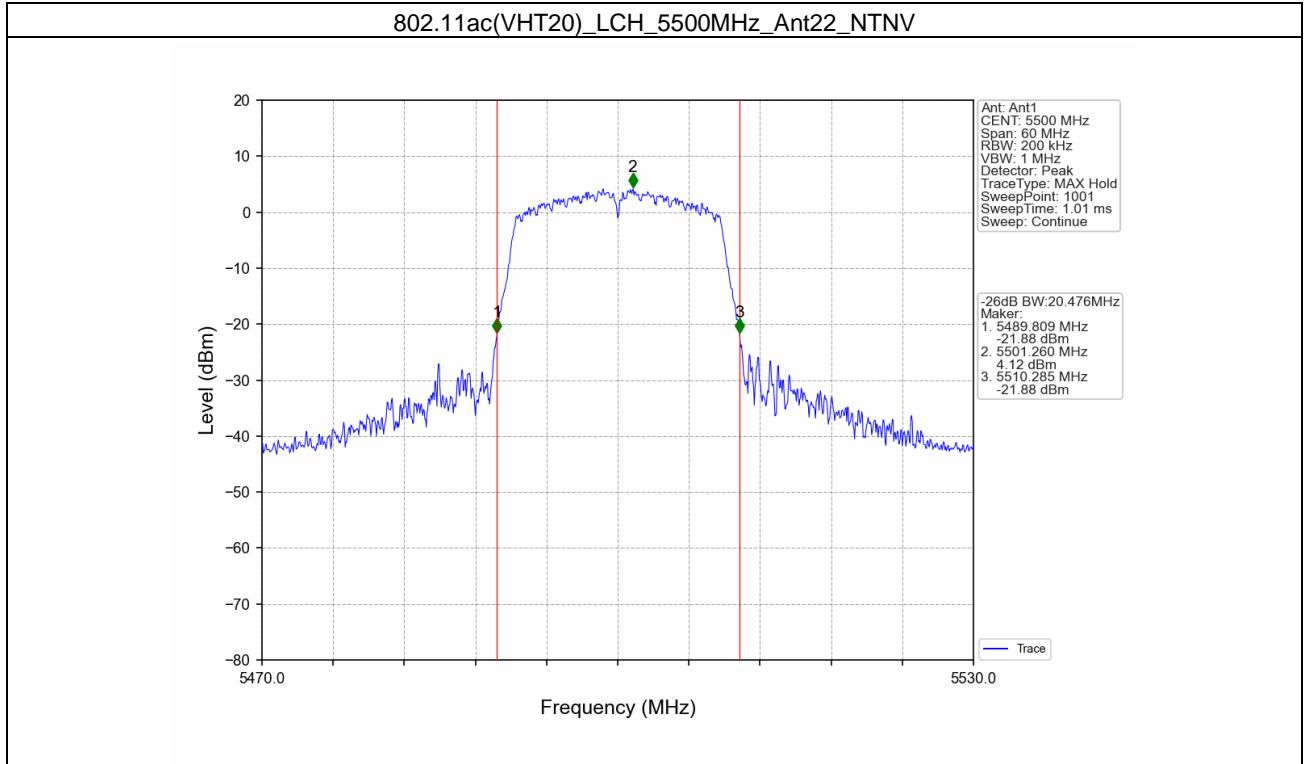


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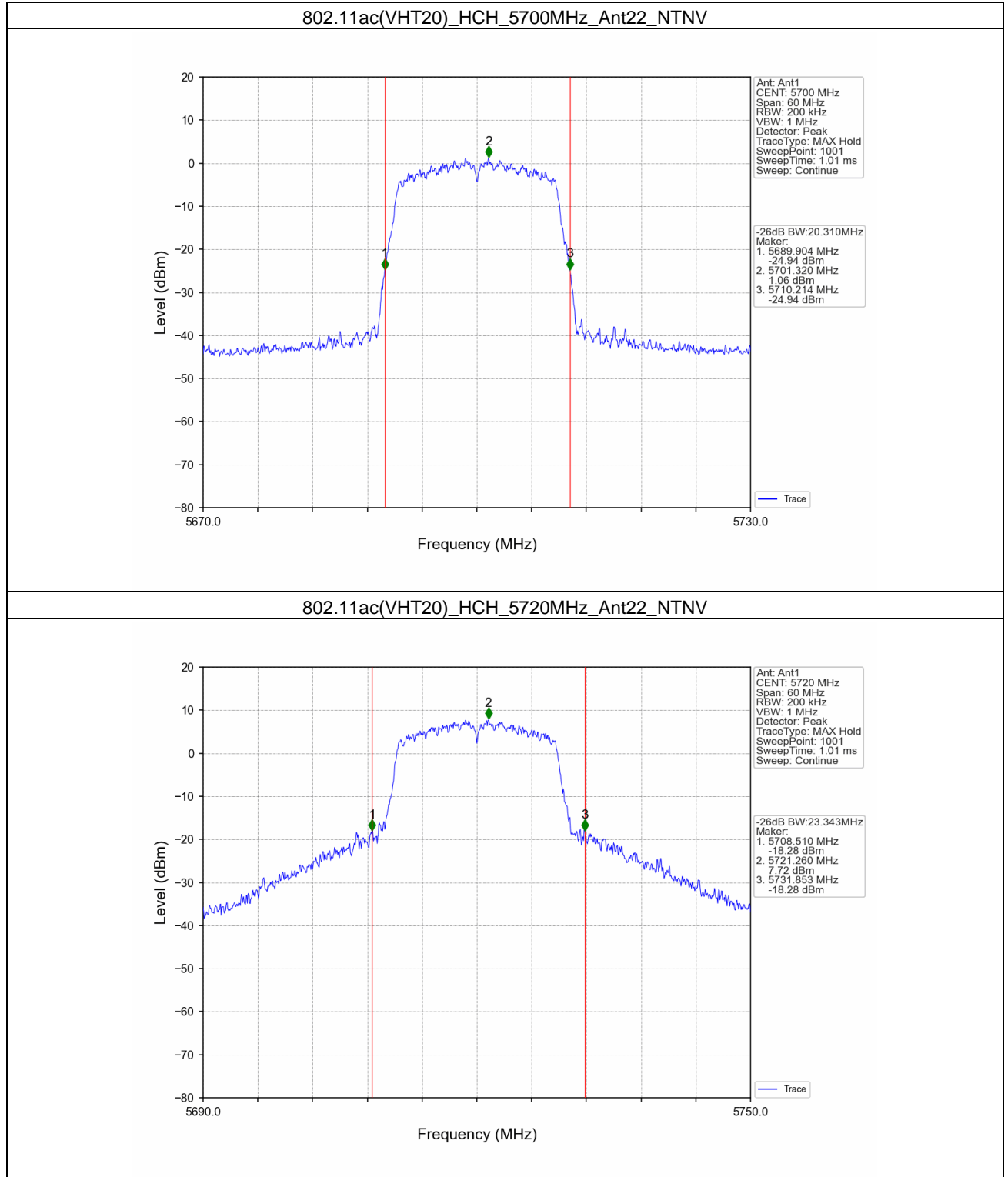
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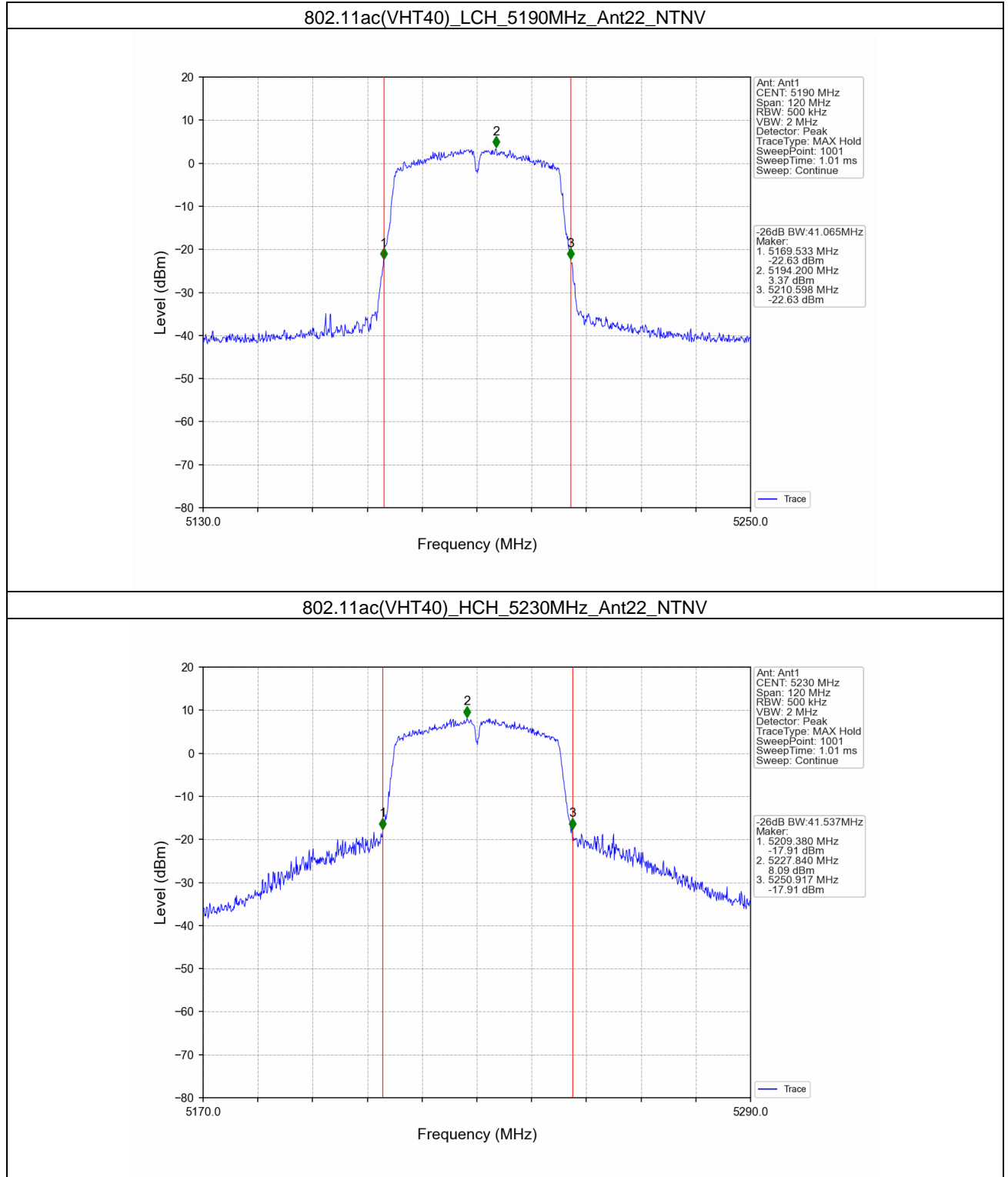
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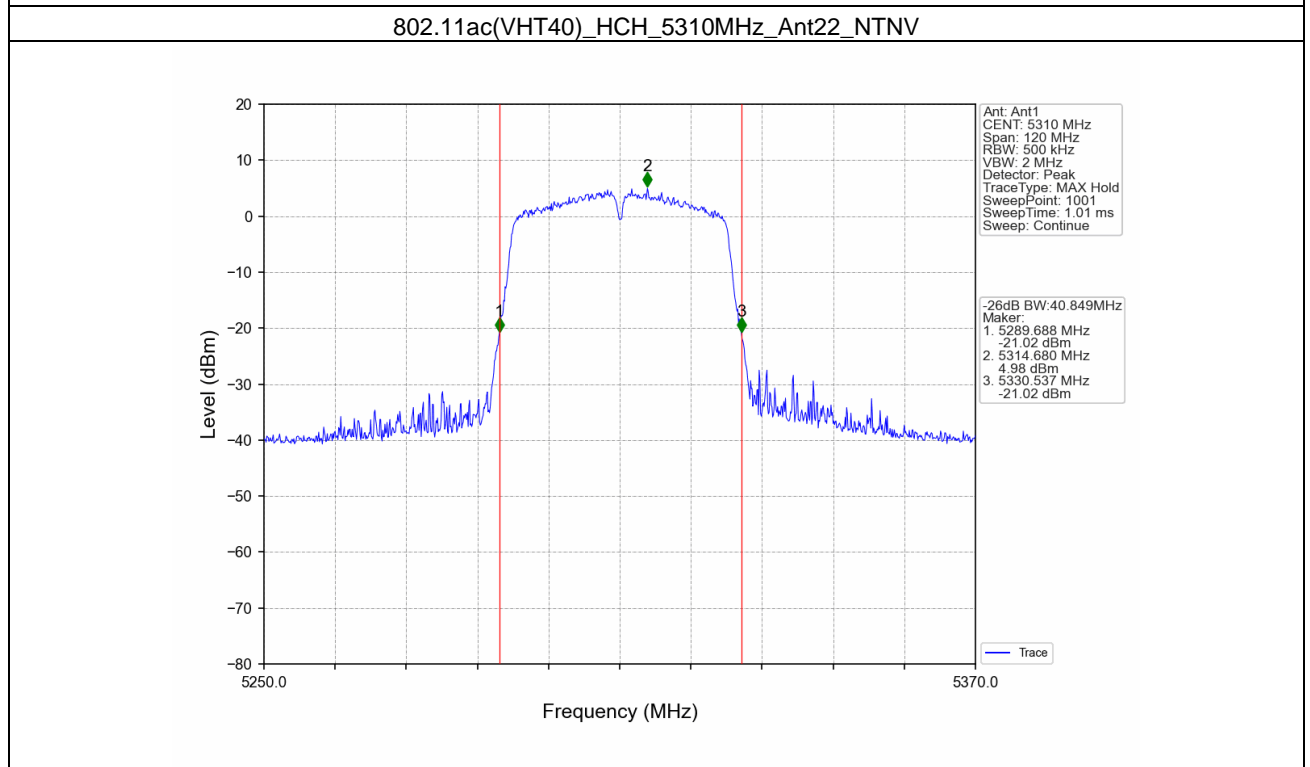
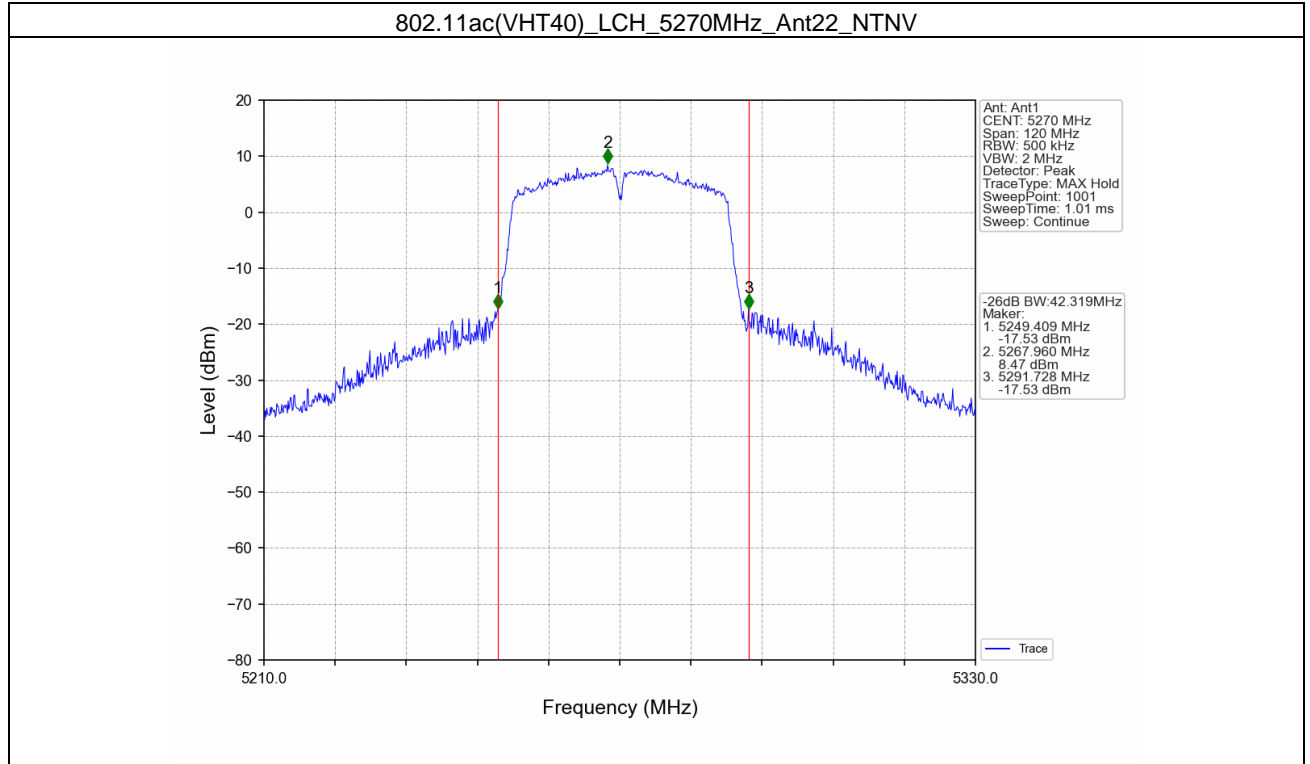
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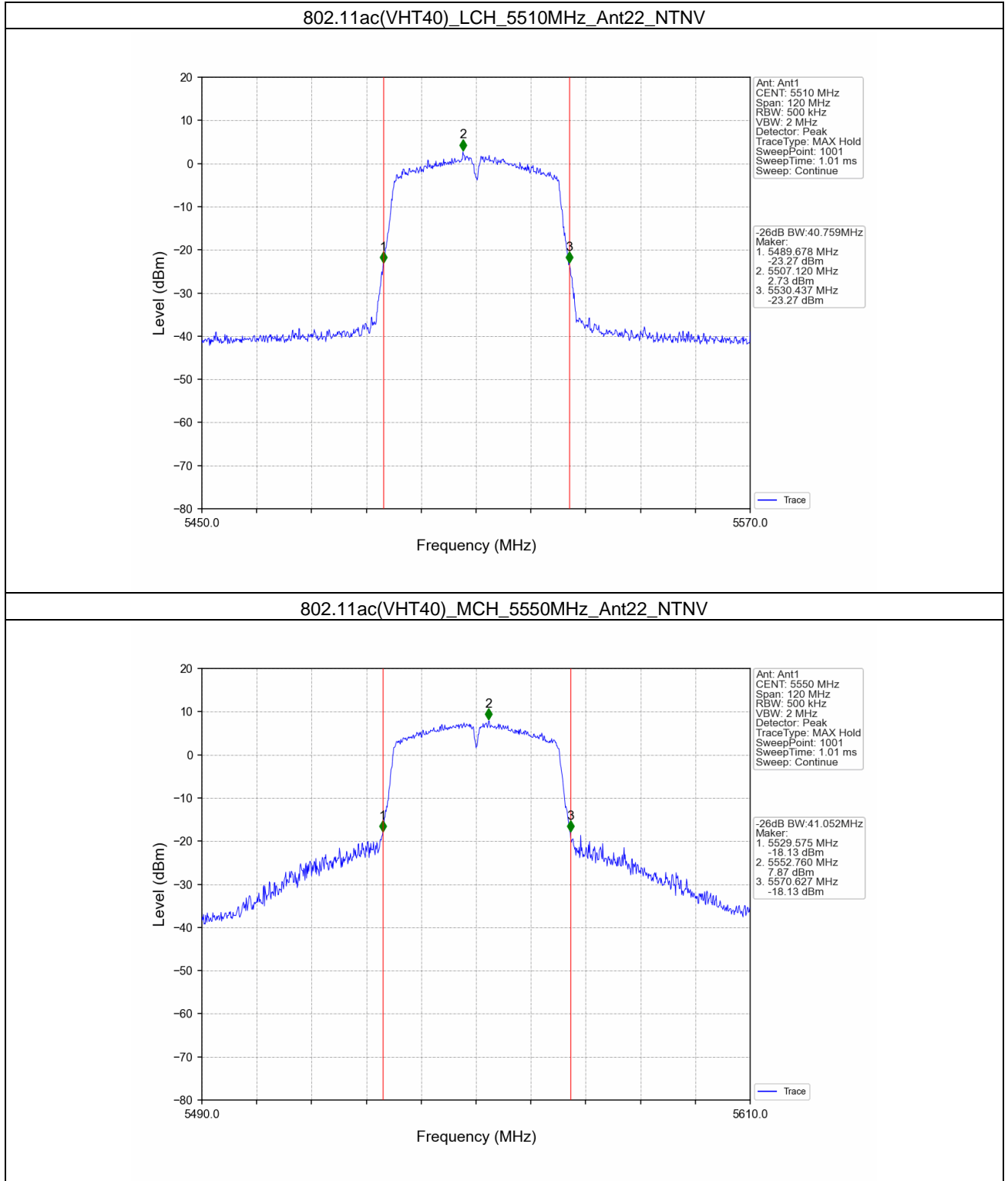
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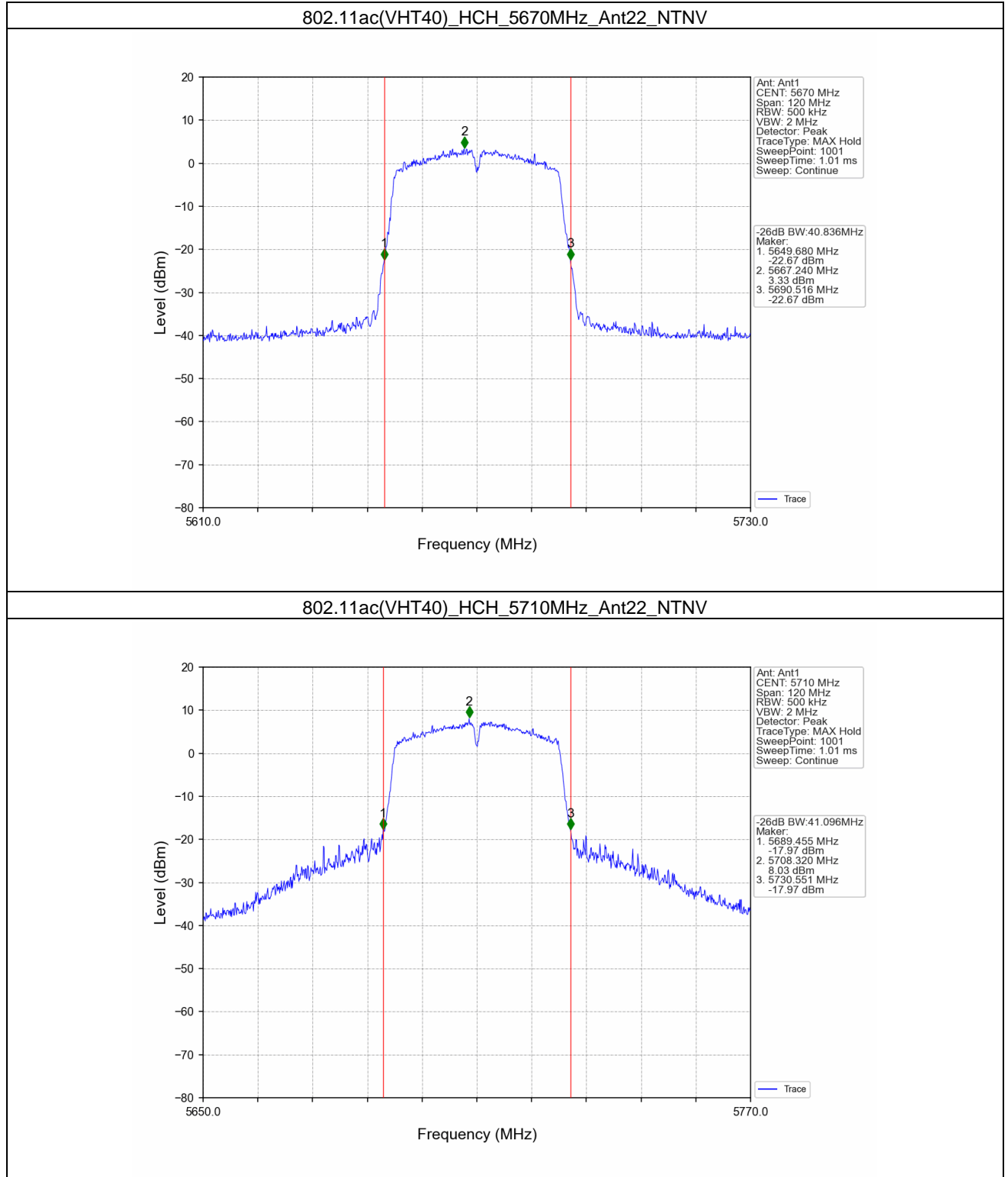
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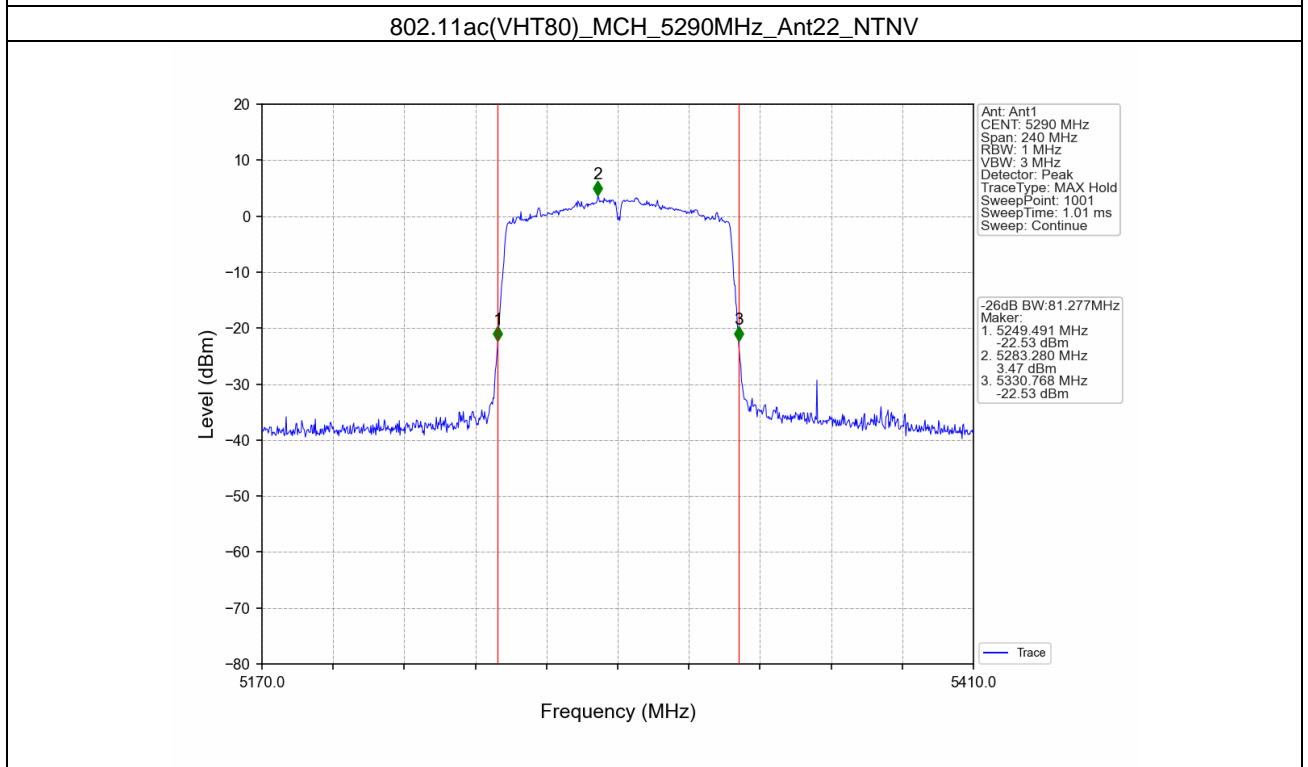
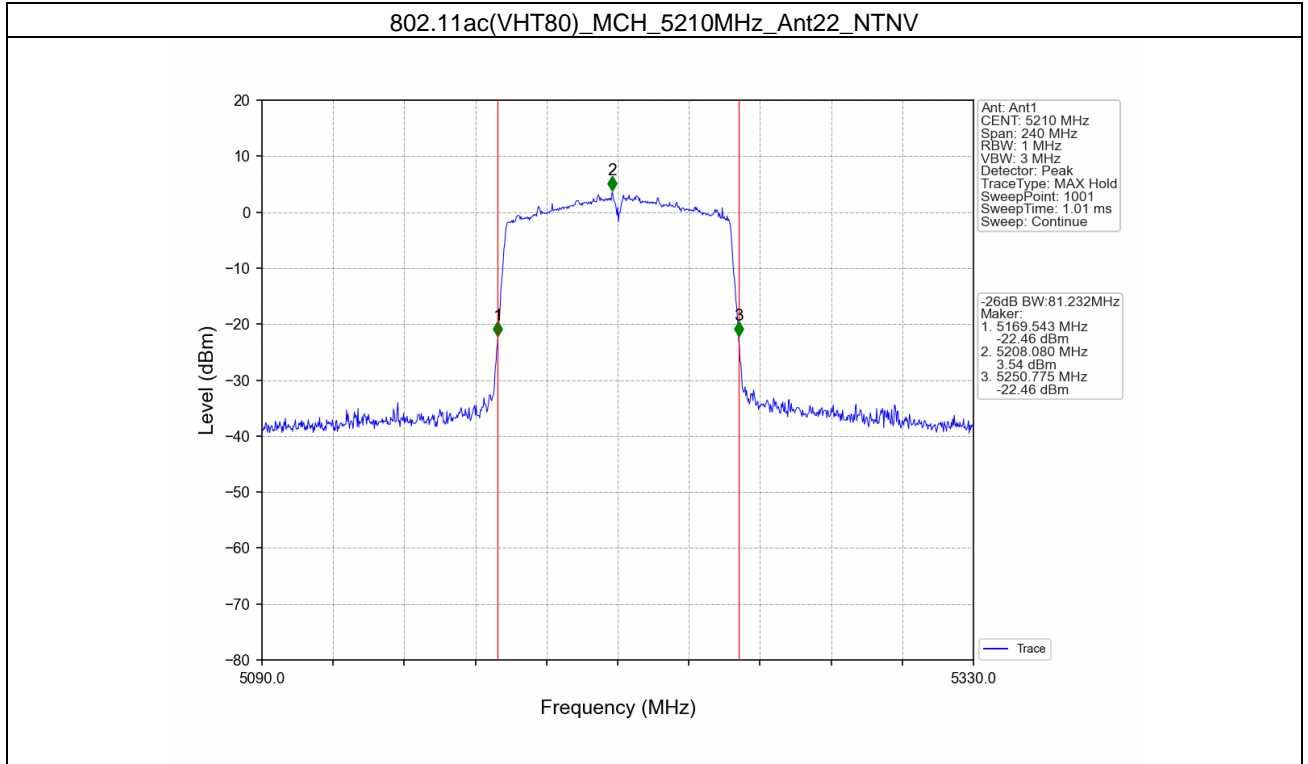
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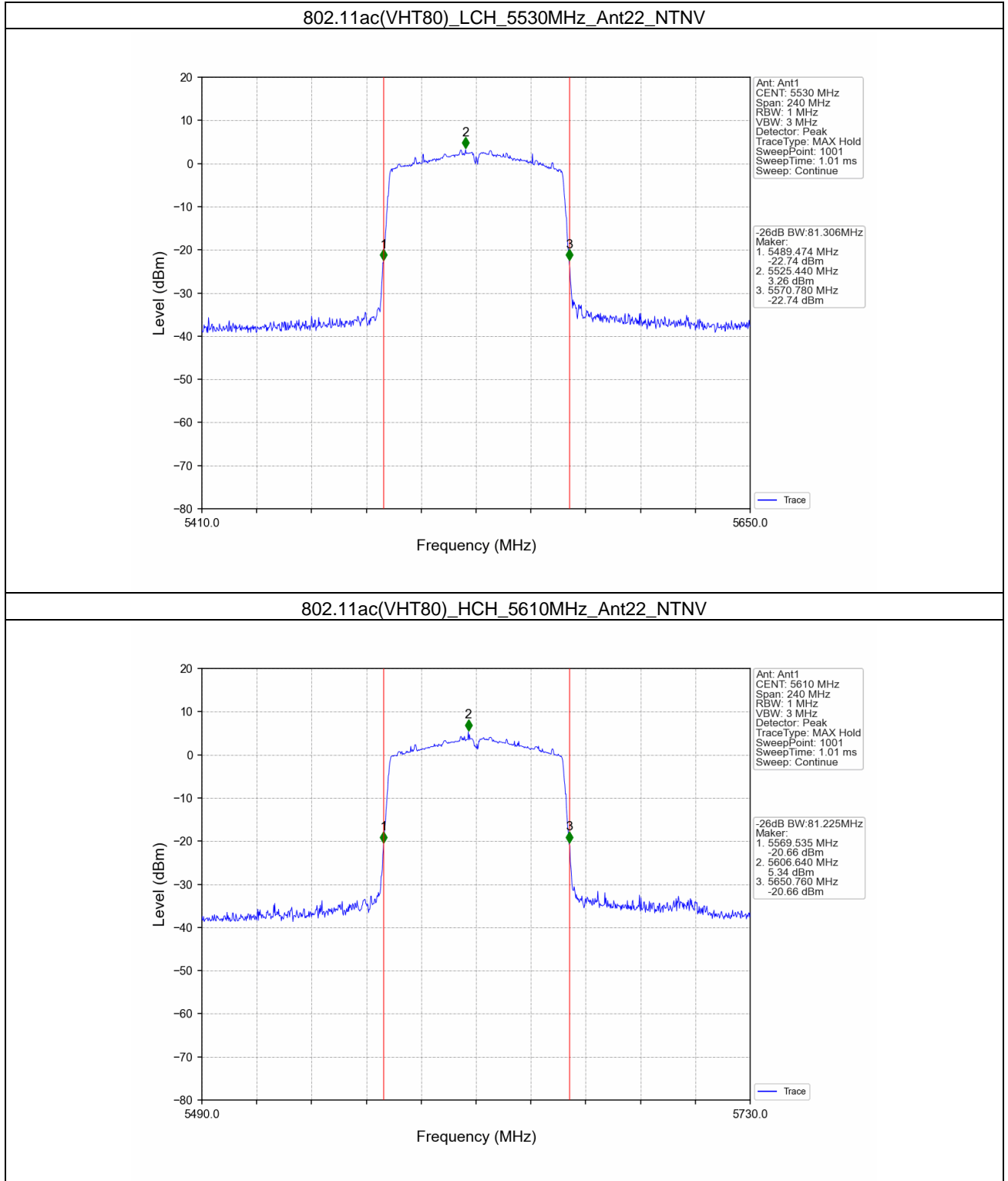


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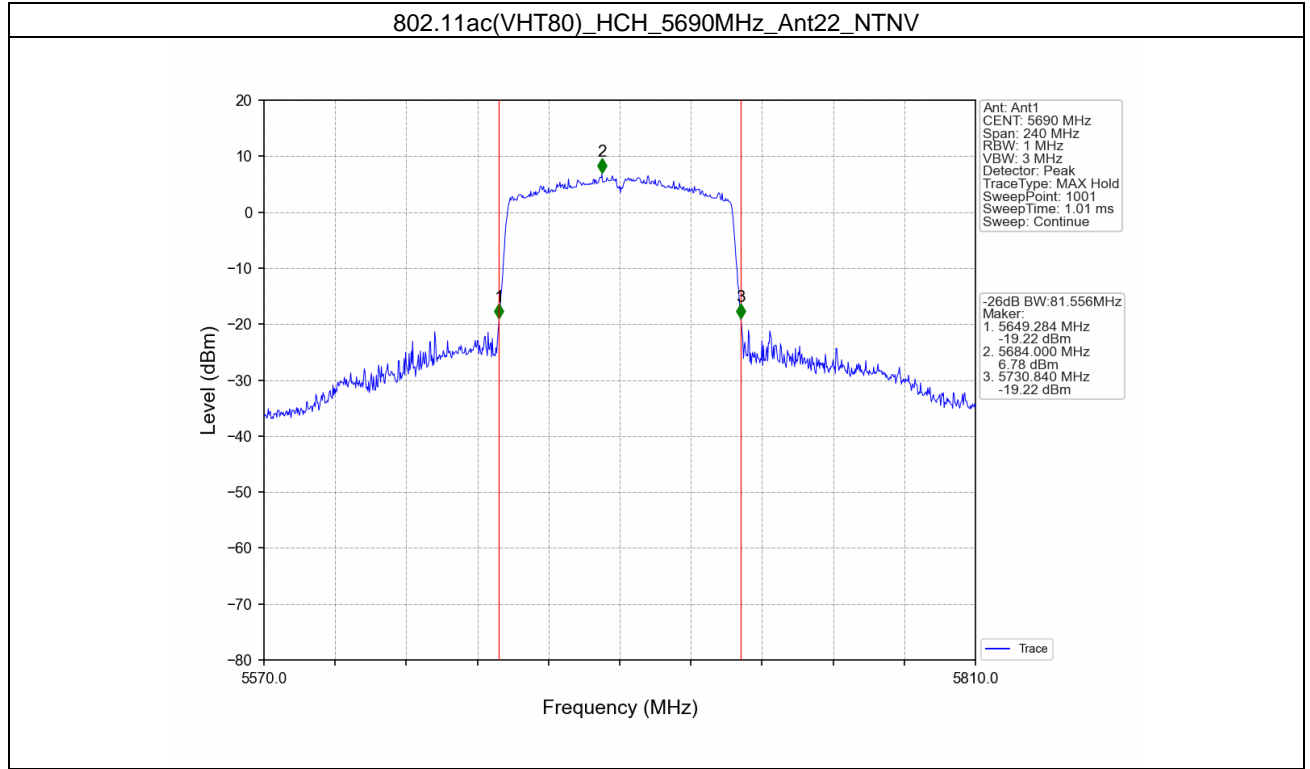
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum Average Conducted Output Power (dBm) | | Verdict |
|----------------|---------|-----------------|--|---------|---------|
| | | | Ant22 | Limit | |
| 802.11a | SISO | 5180 | 13.72 | <=23.98 | Pass |
| | | 5200 | 13.86 | <=23.98 | Pass |
| | | 5240 | 17.90 | <=23.98 | Pass |
| | | 5260 | 17.74 | <=23.98 | Pass |
| | | 5300 | 17.80 | <=23.98 | Pass |
| | | 5320 | 13.63 | <=23.98 | Pass |
| | | 5500 | 12.99 | <=23.98 | Pass |
| | | 5580 | 18.13 | <=23.98 | Pass |
| | | 5700 | 10.37 | <=23.98 | Pass |
| | | 5745 | 14.15 | <=30 | Pass |
| | | 5785 | 13.57 | <=30 | Pass |
| | | 5825 | 13.67 | <=30 | Pass |
| 802.11n (HT20) | SISO | 5180 | 13.53 | <=23.98 | Pass |
| | | 5200 | 13.71 | <=23.98 | Pass |
| | | 5240 | 16.97 | <=23.98 | Pass |
| | | 5260 | 16.81 | <=23.98 | Pass |
| | | 5300 | 16.65 | <=23.98 | Pass |
| | | 5320 | 13.51 | <=23.98 | Pass |
| | | 5500 | 9.60 | <=23.98 | Pass |
| | | 5580 | 17.06 | <=23.98 | Pass |
| | | 5700 | 11.28 | <=23.98 | Pass |
| | | 5745 | 14.00 | <=30 | Pass |
| | | 5785 | 13.50 | <=30 | Pass |
| | | 5825 | 13.57 | <=30 | Pass |
| 802.11n (HT40) | SISO | 5190 | 11.74 | <=23.98 | Pass |
| | | 5230 | 15.87 | <=23.98 | Pass |
| | | 5270 | 15.80 | <=23.98 | Pass |
| | | 5310 | 12.15 | <=23.98 | Pass |
| | | 5510 | 9.73 | <=23.98 | Pass |
| | | 5550 | 16.05 | <=23.98 | Pass |
| | | 5670 | 11.38 | <=23.98 | Pass |
| | | 5755 | 14.02 | <=30 | Pass |
| | | 5795 | 14.04 | <=30 | Pass |
| | | 5710 | 16.09 | <=23.98 | Pass |



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| | | | | | |
|---------------------|-------|---------------------|-------|---------|-------|
| 802.11ac (VHT20) | SISO | 5180 | 13.59 | <=23.98 | Pass |
| | | 5200 | 13.72 | <=23.98 | Pass |
| | | 5240 | 16.45 | <=23.98 | Pass |
| | | 5260 | 16.36 | <=23.98 | Pass |
| | | 5300 | 16.25 | <=23.98 | Pass |
| | | 5320 | 13.62 | <=23.98 | Pass |
| | | 5500 | 12.89 | <=23.98 | Pass |
| | | 5580 | 16.61 | <=23.98 | Pass |
| | | 5700 | 9.84 | <=23.98 | Pass |
| | | 5745 | 13.34 | <=30 | Pass |
| | | 5785 | 13.41 | <=30 | Pass |
| | | 5825 | 13.52 | <=30 | Pass |
| | | 5720 | 16.54 | <=23.98 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | 11.76 | <=23.98 | Pass |
| | | 5230 | 15.94 | <=23.98 | Pass |
| | | 5270 | 15.85 | <=23.98 | Pass |
| | | 5310 | 12.26 | <=23.98 | Pass |
| | | 5510 | 9.84 | <=23.98 | Pass |
| | | 5550 | 15.04 | <=23.98 | Pass |
| | | 5670 | 11.42 | <=23.98 | Pass |
| | | 5755 | 13.48 | <=30 | Pass |
| | | 5795 | 14.02 | <=30 | Pass |
| | | 5710 | 15.13 | <=23.98 | Pass |
| | | 802.11ac (VHT80) | SISO | 5210 | 10.72 |
| 5290 | 11.07 | | | <=23.98 | Pass |
| 5530 | 10.77 | | | <=23.98 | Pass |
| 5610 | 11.88 | | | <=23.98 | Pass |
| 5775 | 13.41 | | | <=30 | Pass |
| 5690 | 13.90 | | | <=23.98 | Pass |



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

| Mode | TX Type | Frequency (MHz) | Maximum PSD (dBm/MHz) | | Verdict |
|------------------|---------|-----------------|-----------------------|-------|---------|
| | | | Ant22 | Limit | |
| 802.11a | SISO | 5180 | 3.91 | <=11 | Pass |
| | | 5200 | 4.04 | <=11 | Pass |
| | | 5240 | 8.09 | <=11 | Pass |
| | | 5260 | 7.99 | <=11 | Pass |
| | | 5300 | 7.89 | <=11 | Pass |
| | | 5320 | 3.78 | <=11 | Pass |
| | | 5500 | 3.27 | <=11 | Pass |
| | | 5580 | 8.35 | <=11 | Pass |
| | | 5700 | 0.69 | <=11 | Pass |
| 802.11n (HT20) | SISO | 5180 | 3.48 | <=11 | Pass |
| | | 5200 | 3.76 | <=11 | Pass |
| | | 5240 | 7.01 | <=11 | Pass |
| | | 5260 | 6.76 | <=11 | Pass |
| | | 5300 | 6.68 | <=11 | Pass |
| | | 5320 | 3.65 | <=11 | Pass |
| | | 5500 | -0.36 | <=11 | Pass |
| | | 5580 | 7.13 | <=11 | Pass |
| | | 5700 | 1.26 | <=11 | Pass |
| 802.11n (HT40) | SISO | 5190 | -1.33 | <=11 | Pass |
| | | 5230 | 3.01 | <=11 | Pass |
| | | 5270 | 2.99 | <=11 | Pass |
| | | 5310 | -0.56 | <=11 | Pass |
| | | 5510 | -3.03 | <=11 | Pass |
| | | 5550 | 3.16 | <=11 | Pass |
| | | 5670 | -1.57 | <=11 | Pass |
| 802.11ac (VHT20) | SISO | 5180 | 3.67 | <=11 | Pass |
| | | 5200 | 3.69 | <=11 | Pass |
| | | 5240 | 6.41 | <=11 | Pass |
| | | 5260 | 6.26 | <=11 | Pass |
| | | 5300 | 6.24 | <=11 | Pass |
| | | 5320 | 3.66 | <=11 | Pass |
| | | 5500 | 2.82 | <=11 | Pass |
| 5580 | 6.66 | <=11 | Pass | | |



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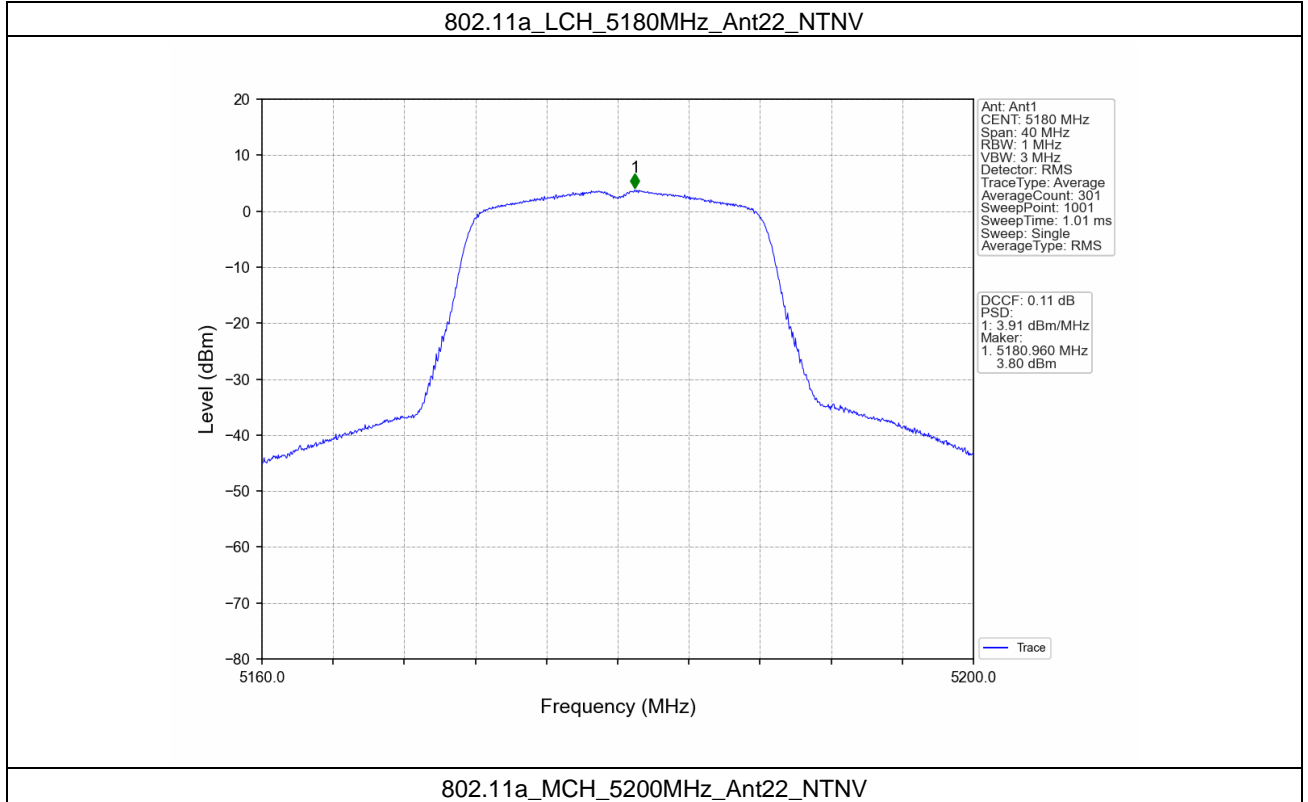
| | | | | | |
|---------------------|-------|---------------------|-------|------|-------|
| | | 5700 | -0.15 | <=11 | Pass |
| | | 5720 | 6.65 | <=11 | Pass |
| 802.11ac (VHT40) | SISO | 5190 | -1.15 | <=11 | Pass |
| | | 5230 | 3.00 | <=11 | Pass |
| | | 5270 | 2.89 | <=11 | Pass |
| | | 5310 | -0.66 | <=11 | Pass |
| | | 5510 | -3.02 | <=11 | Pass |
| | | 5550 | 2.06 | <=11 | Pass |
| | | 5670 | -1.60 | <=11 | Pass |
| | | 5710 | 2.34 | <=11 | Pass |
| | | 802.11ac (VHT80) | SISO | 5210 | -5.17 |
| 5290 | -5.08 | | | <=11 | Pass |
| 5530 | -5.12 | | | <=11 | Pass |
| 5610 | -4.07 | | | <=11 | Pass |
| 5690 | -2.02 | | | <=11 | Pass |

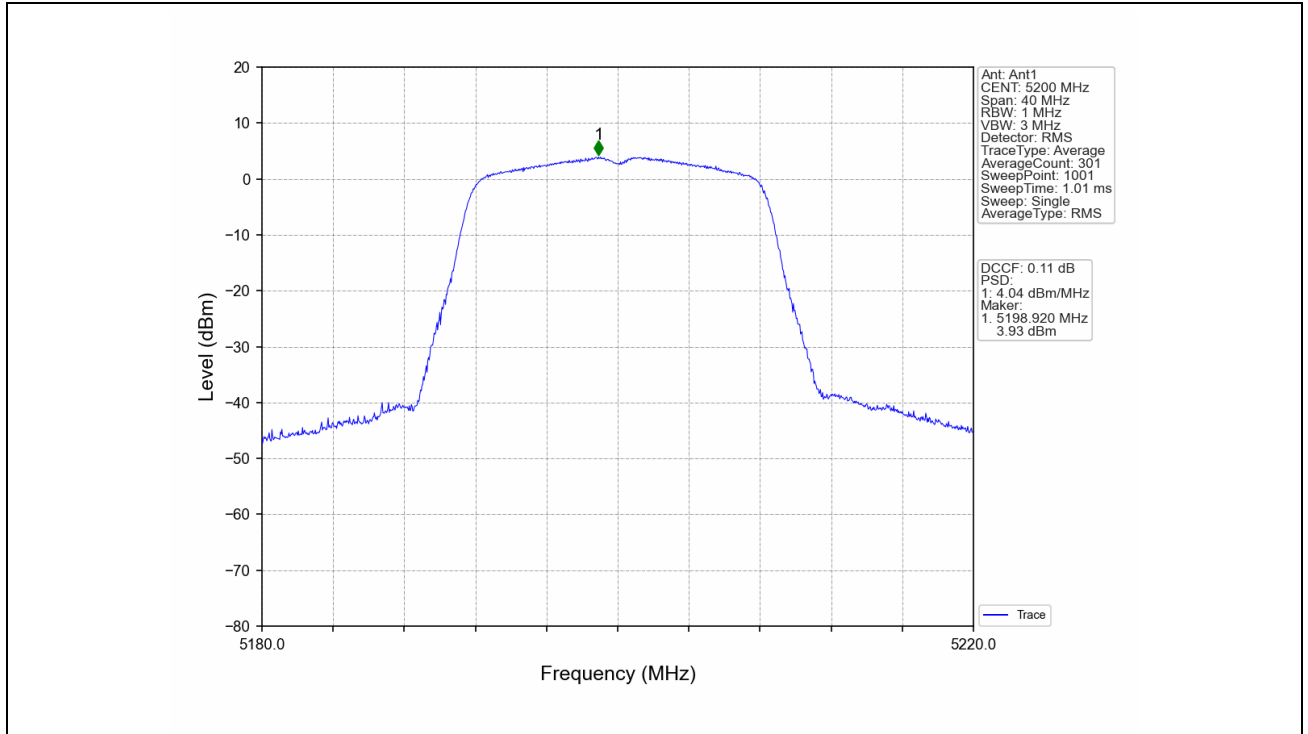


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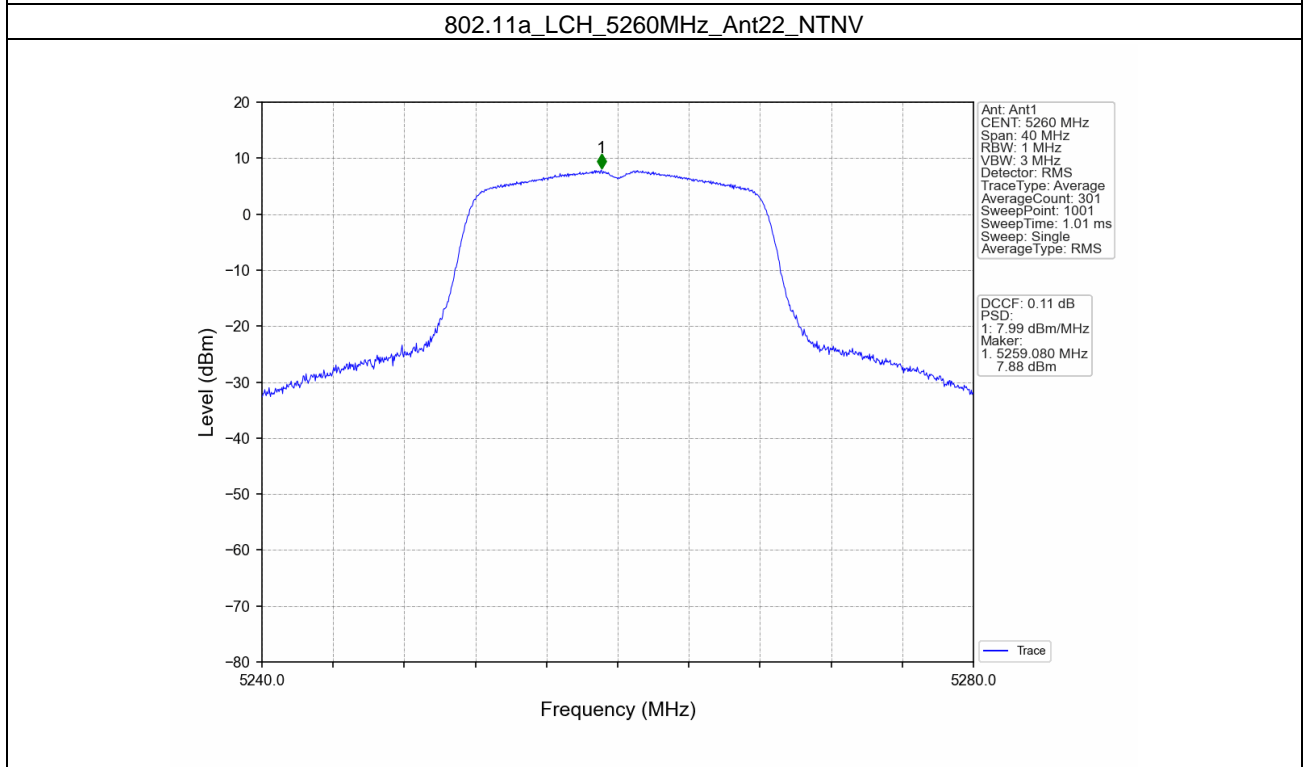
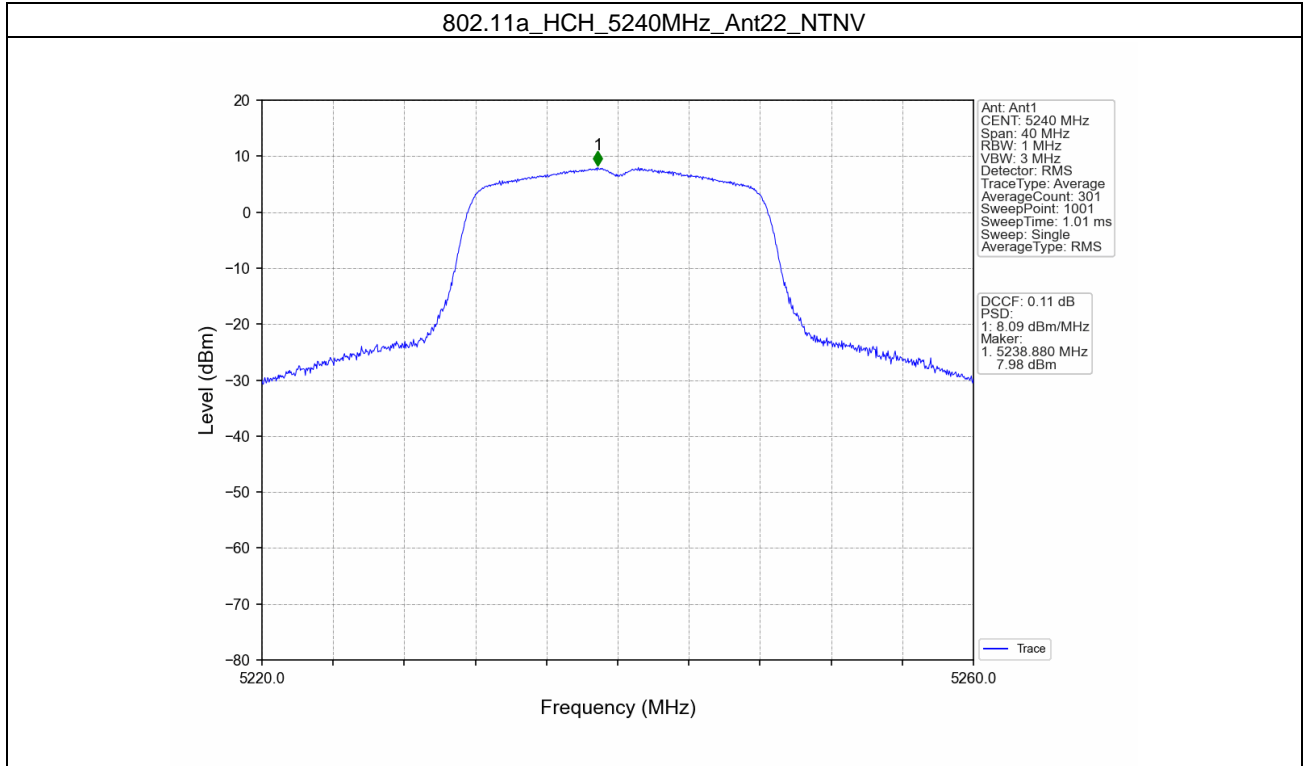
4.1.2 Test Graph





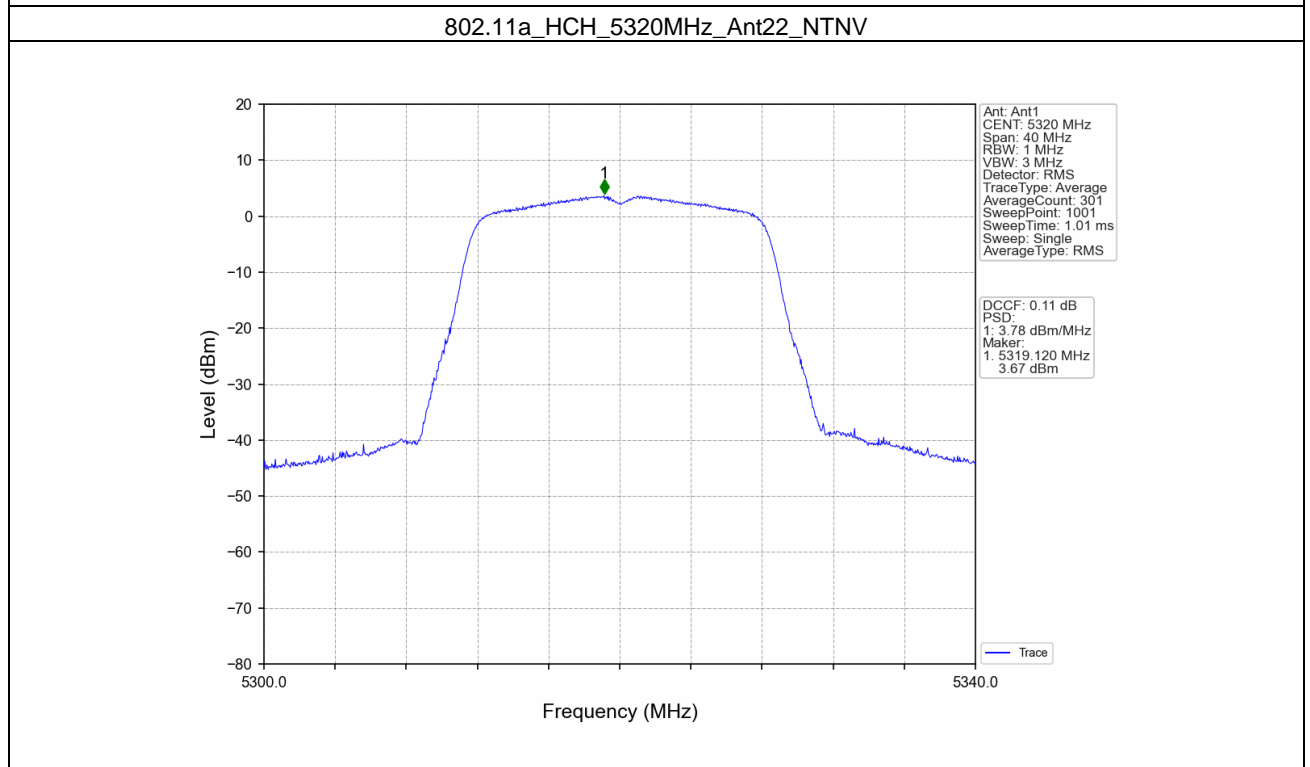
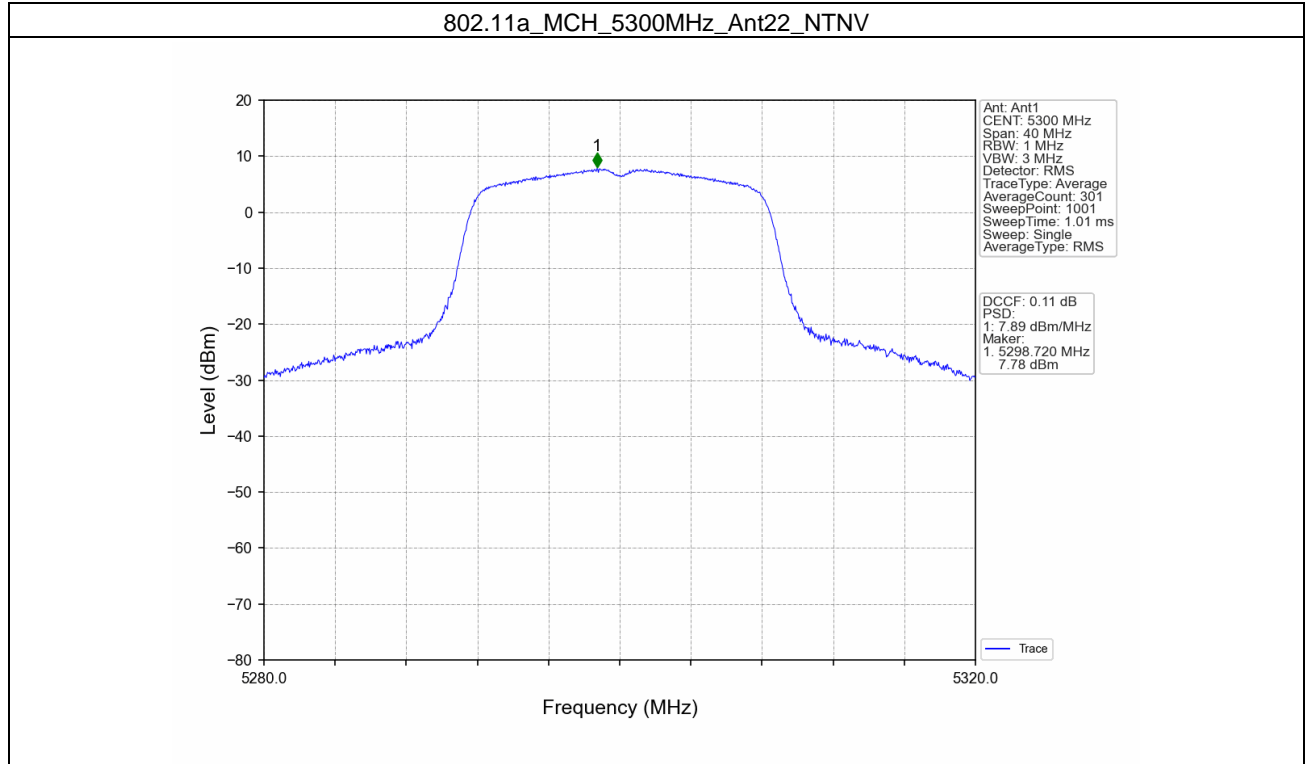
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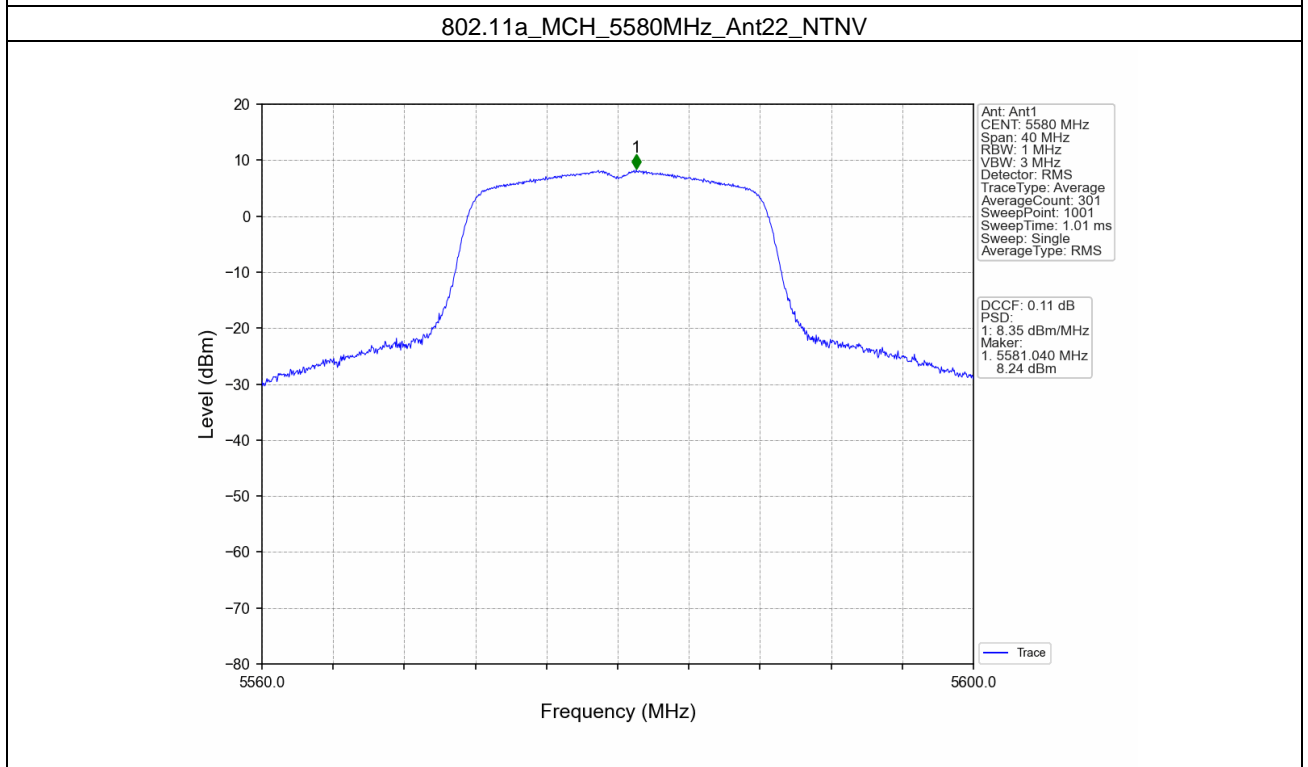
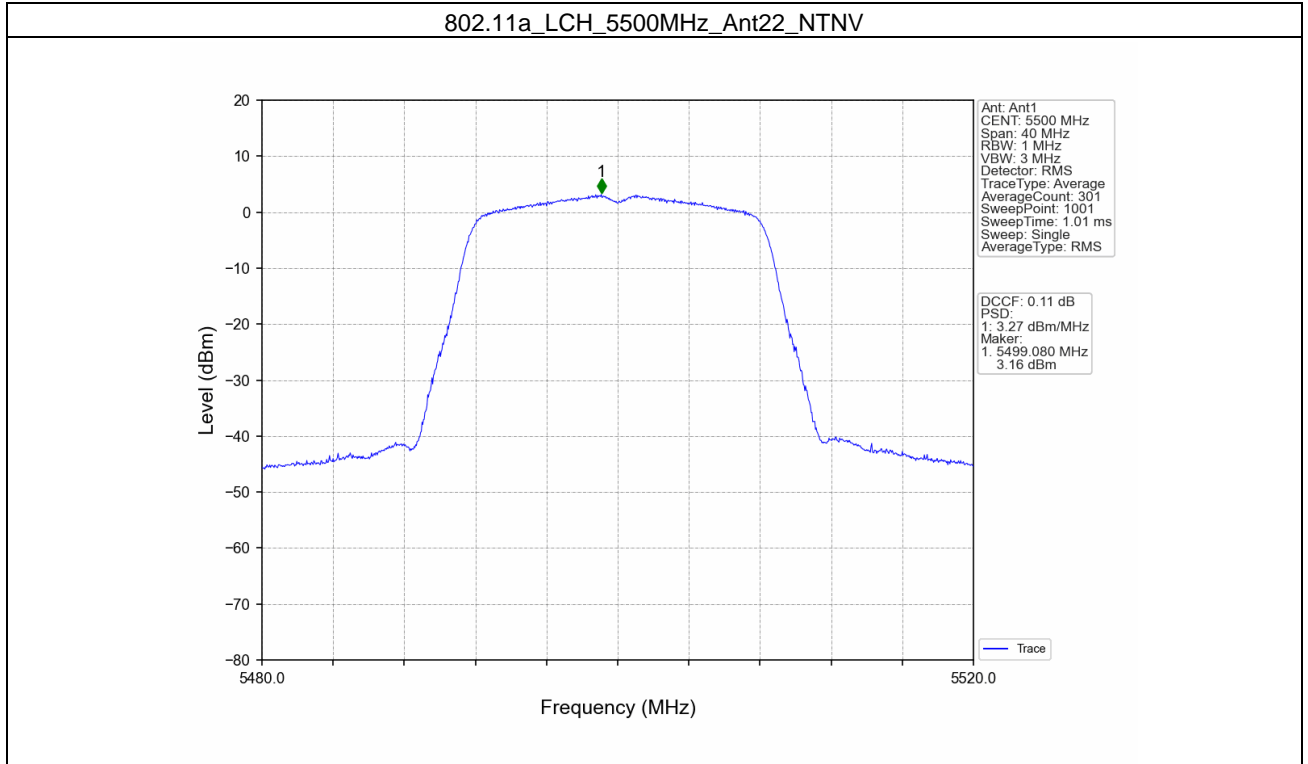
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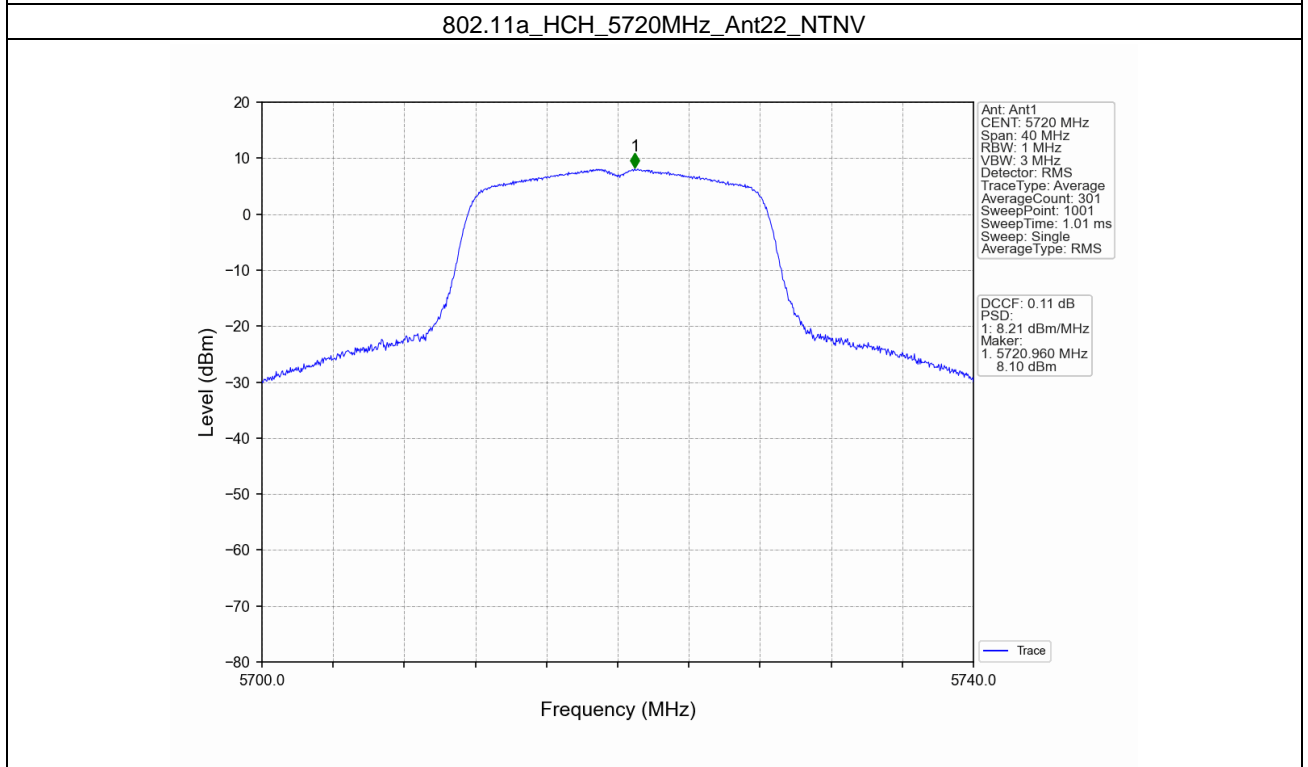
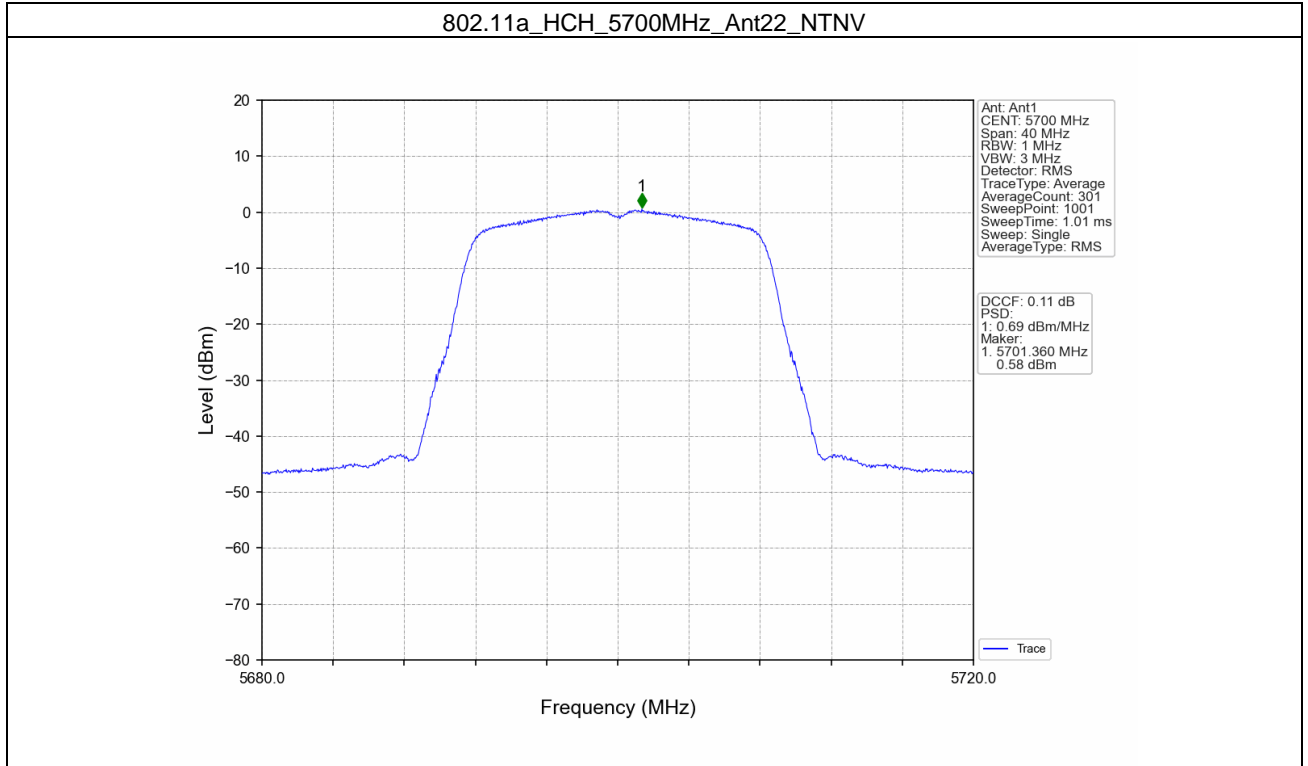
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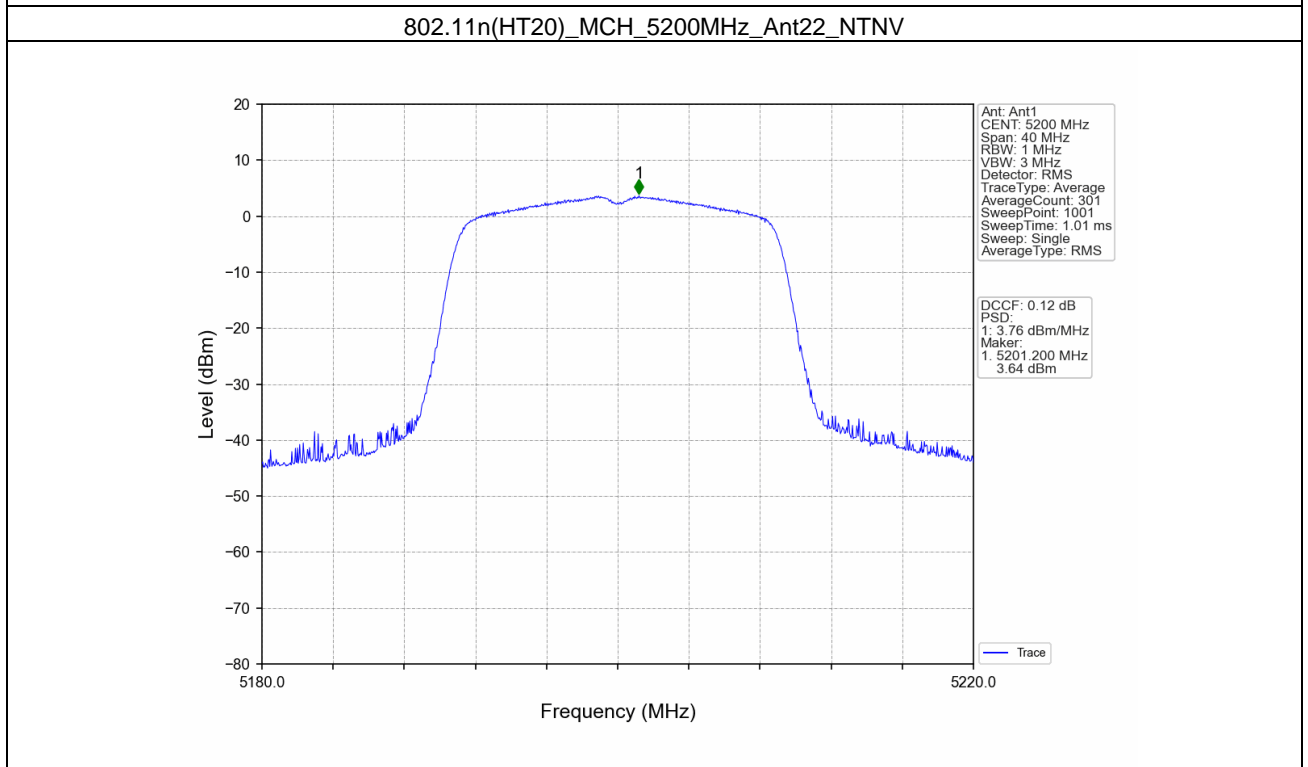
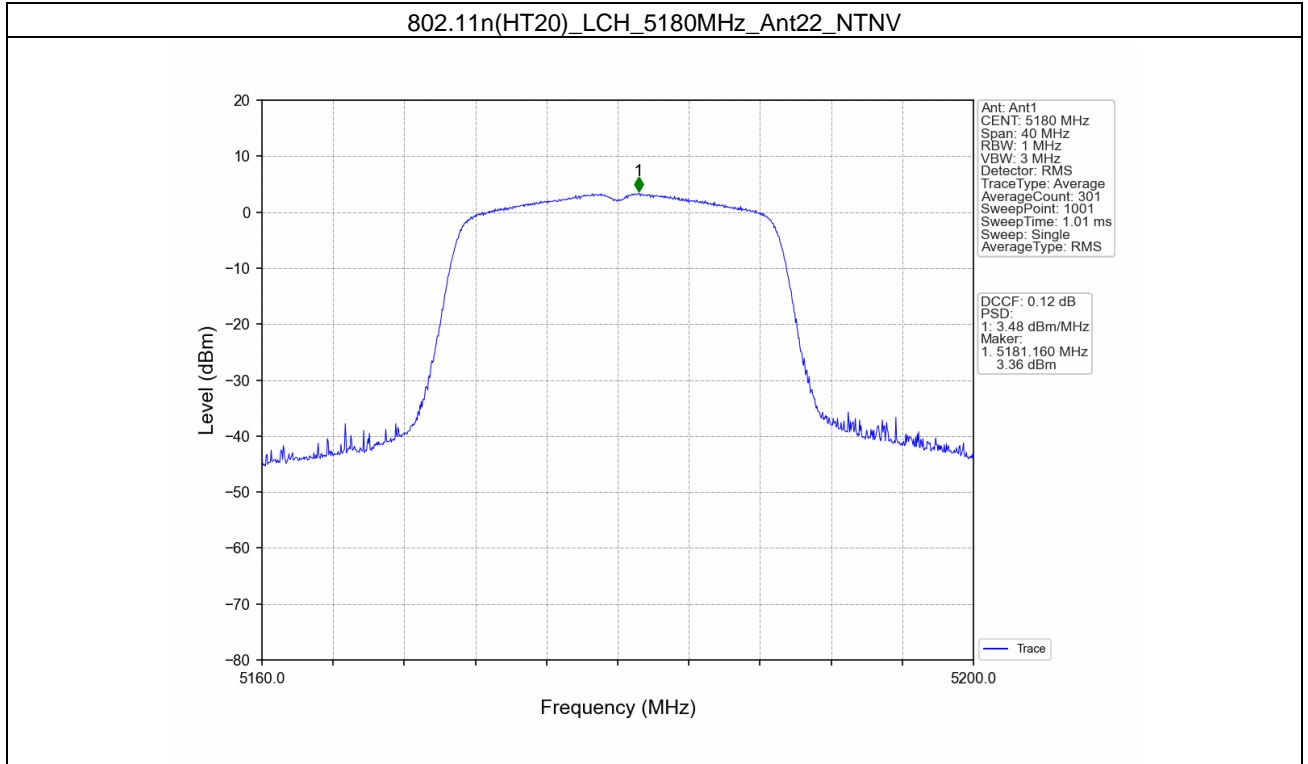
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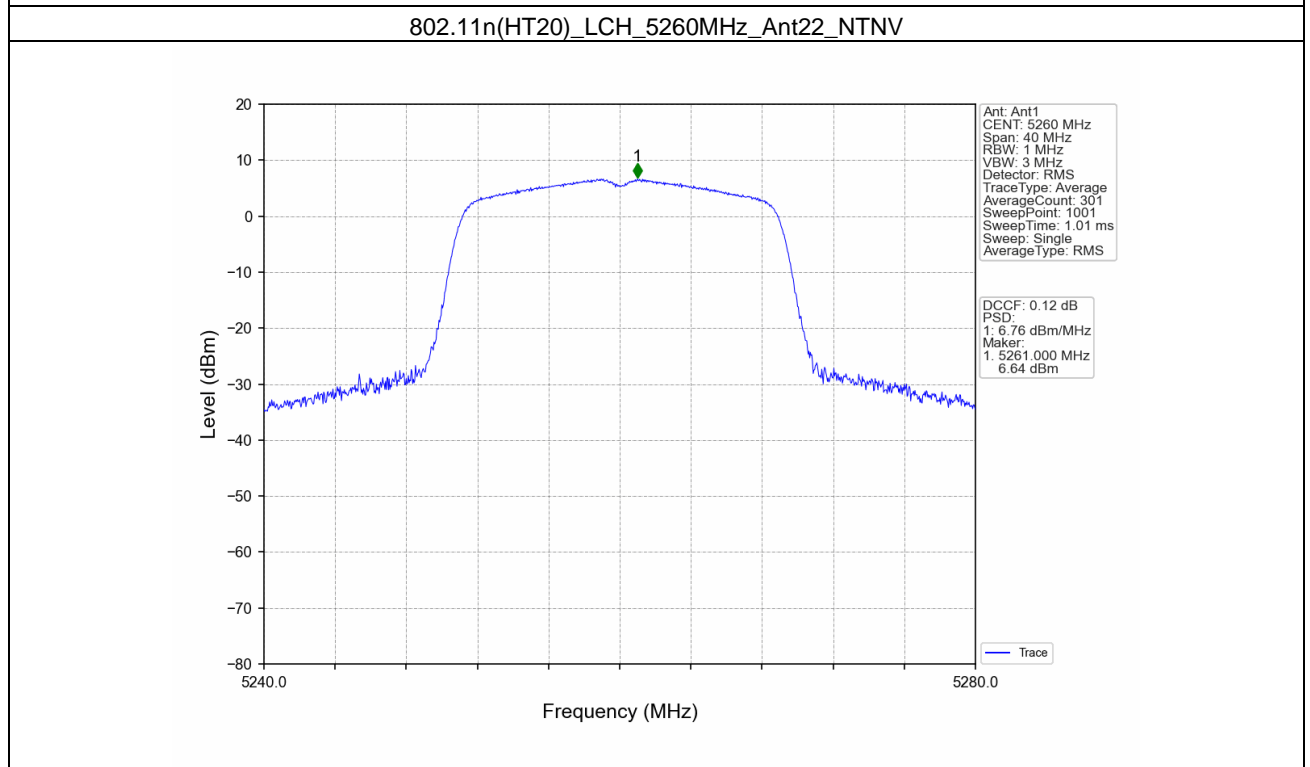
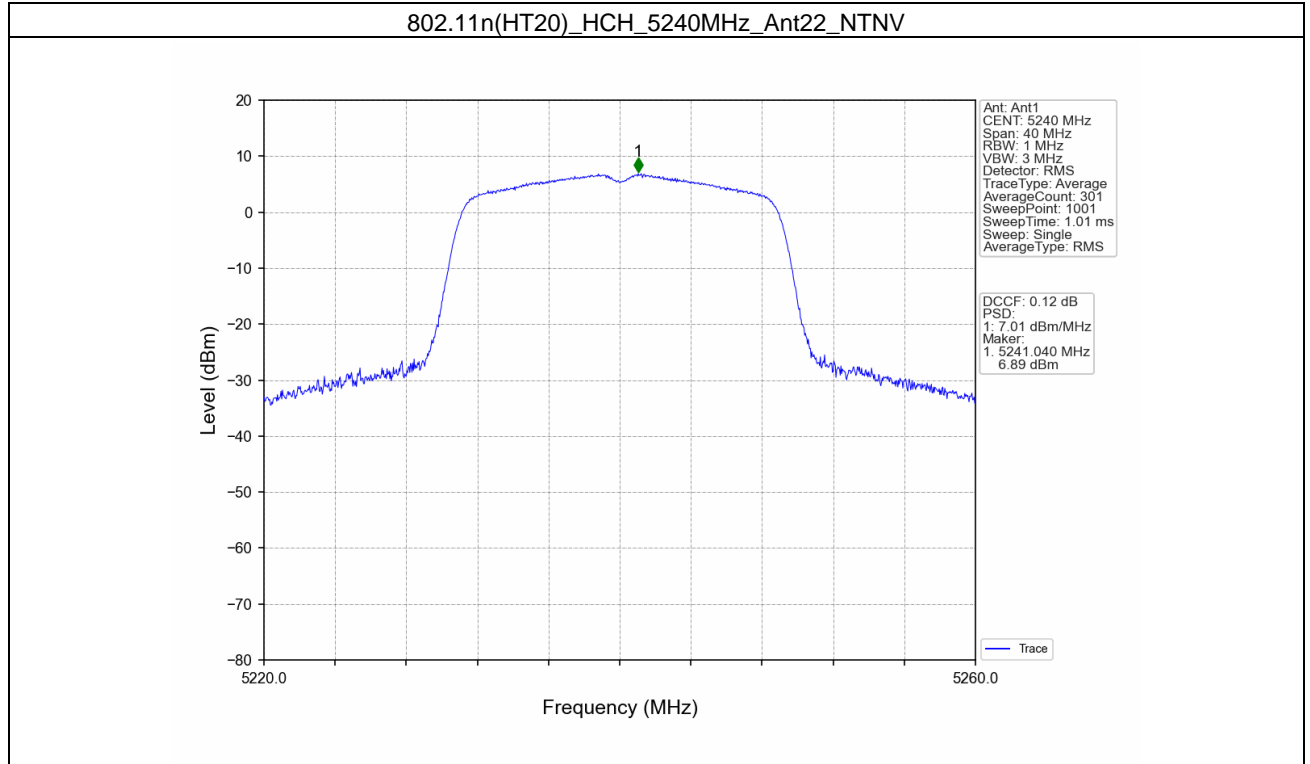
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