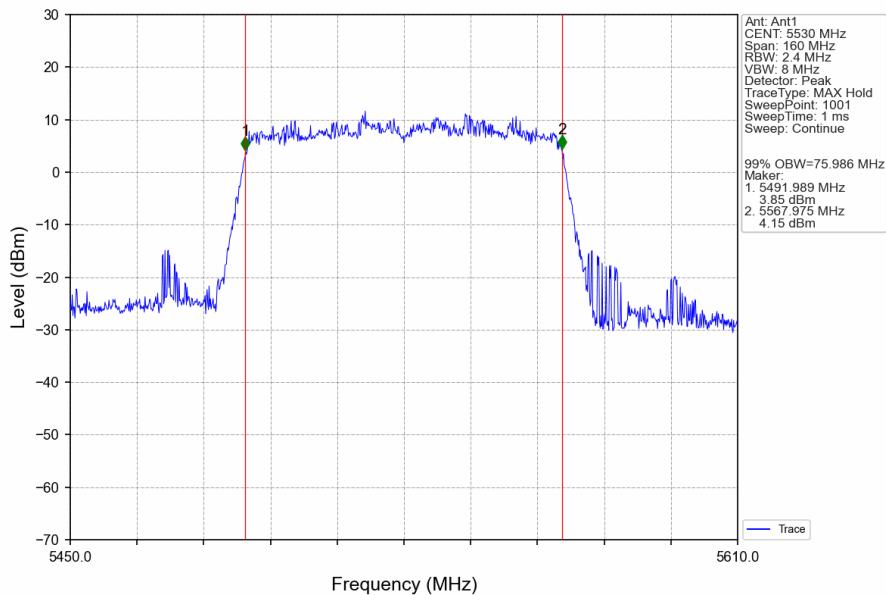
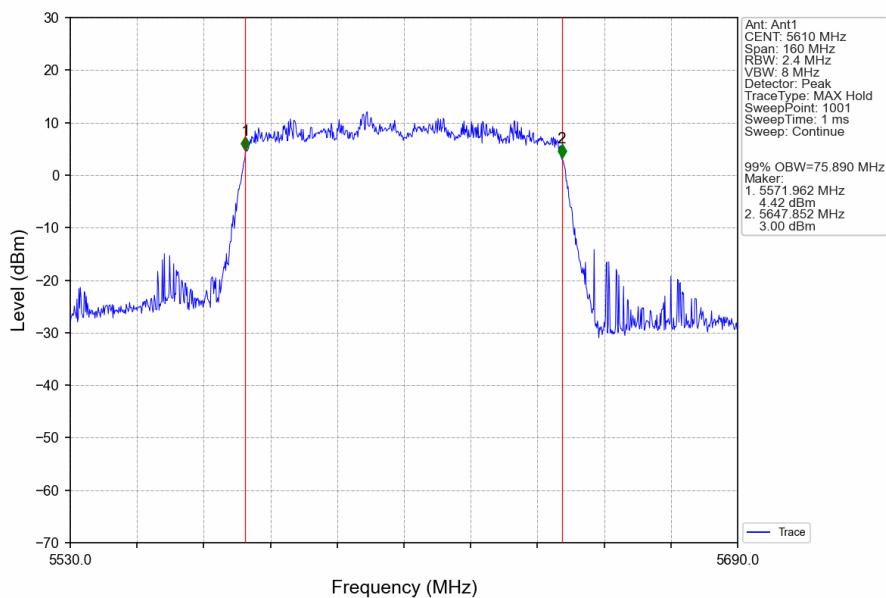


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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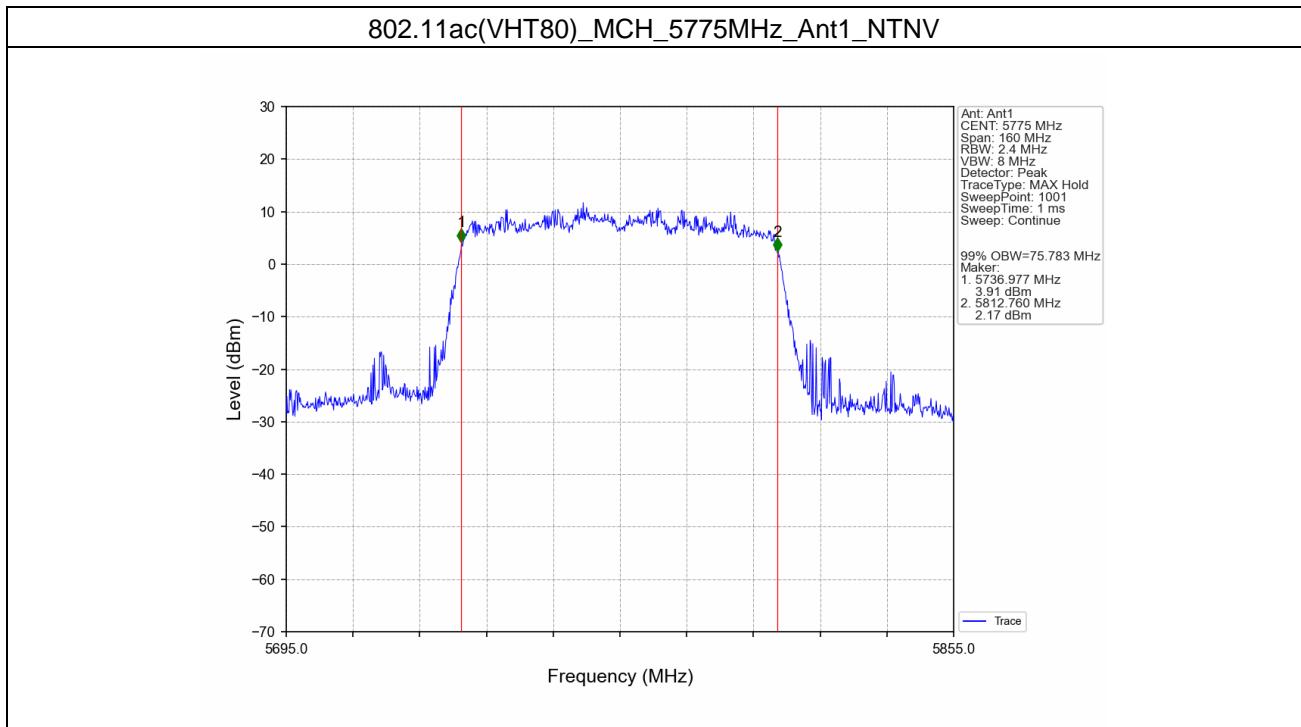


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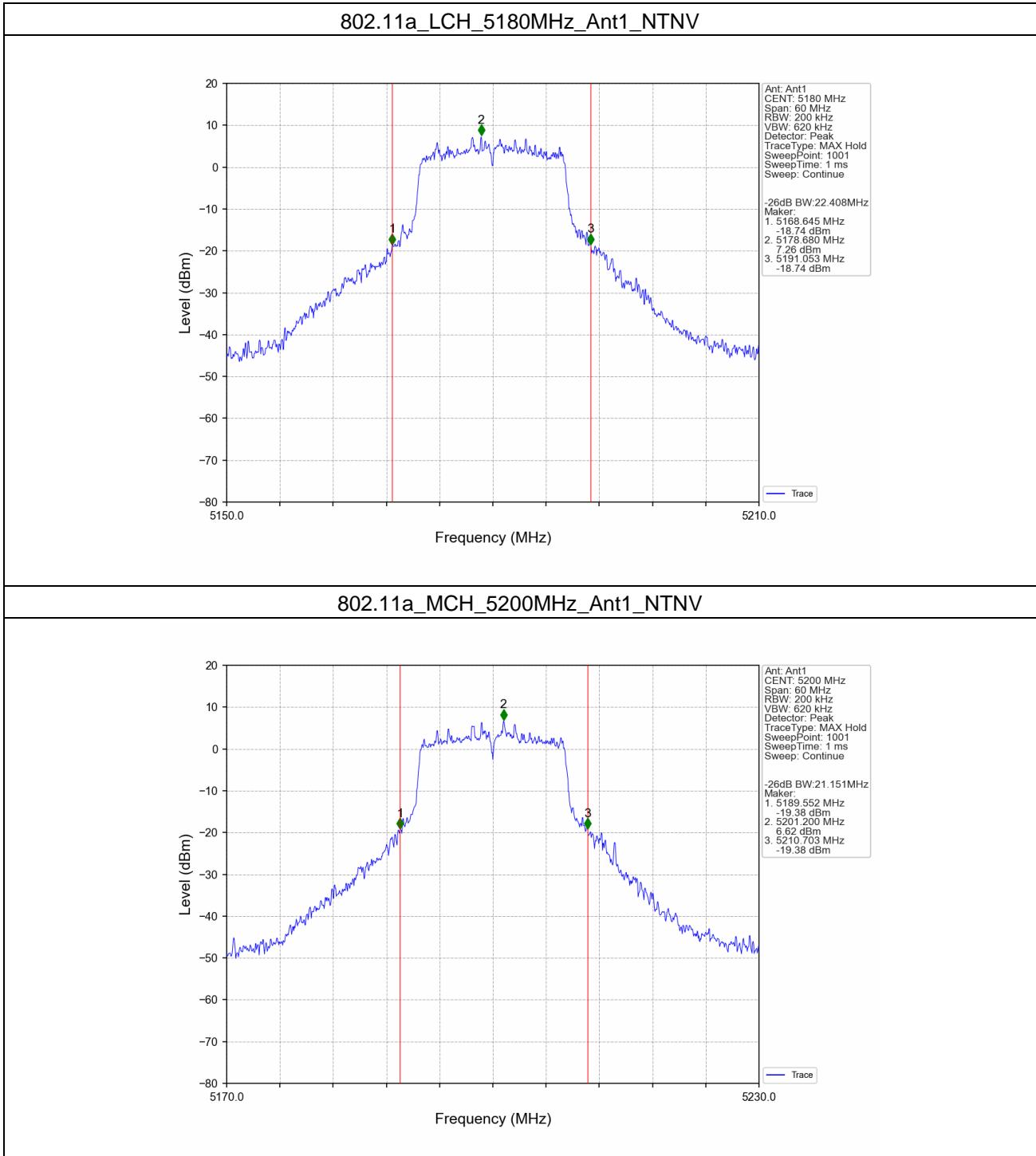


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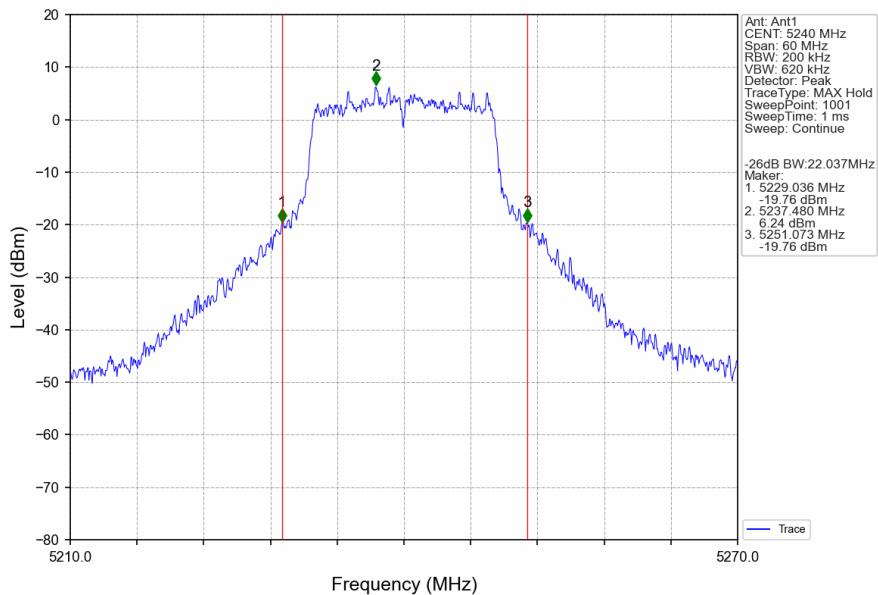
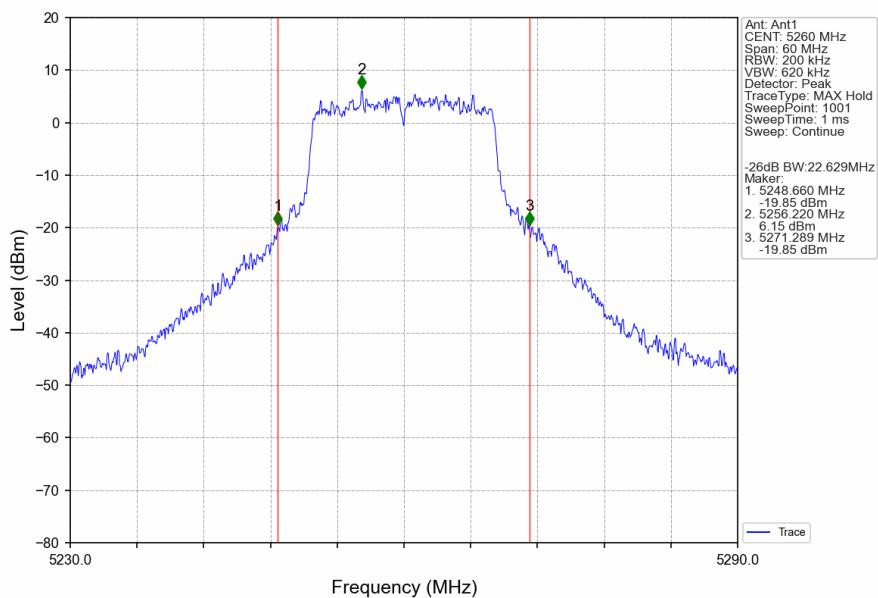
2.2.2 26dB BW

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802.11a_HCH_5240MHz_Ant1_NTNV**802.11a_LCH_5260MHz_Ant1_NTNV**

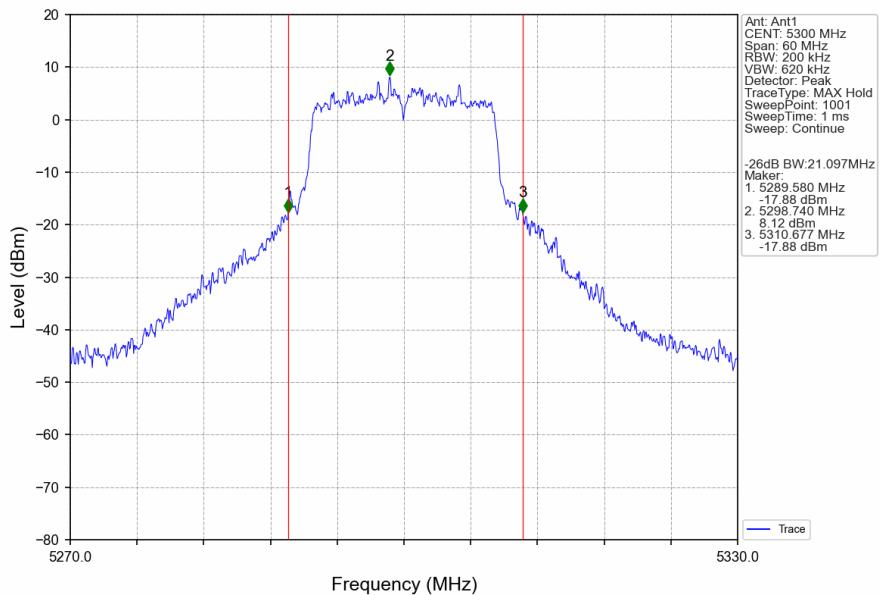
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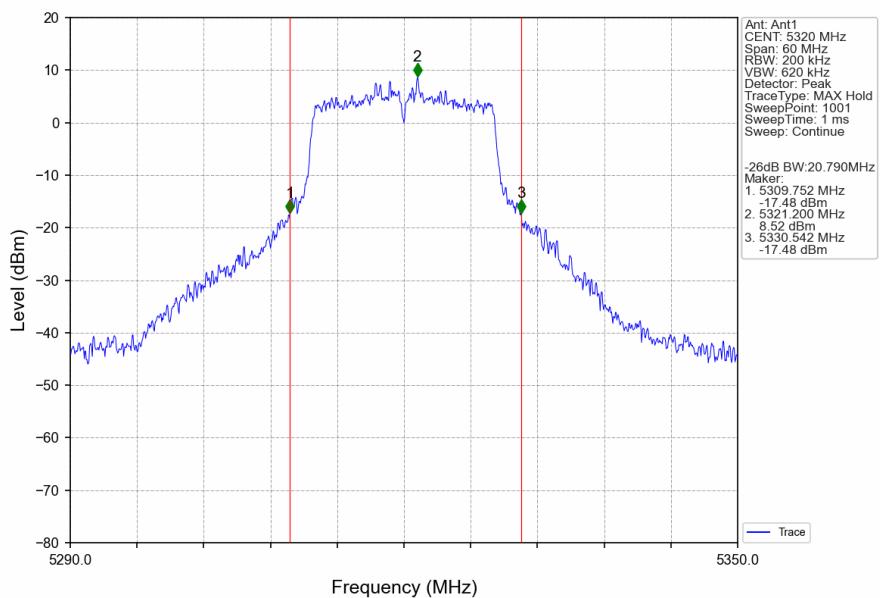


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802.11a_MCH_5300MHz_Ant1_NTNV

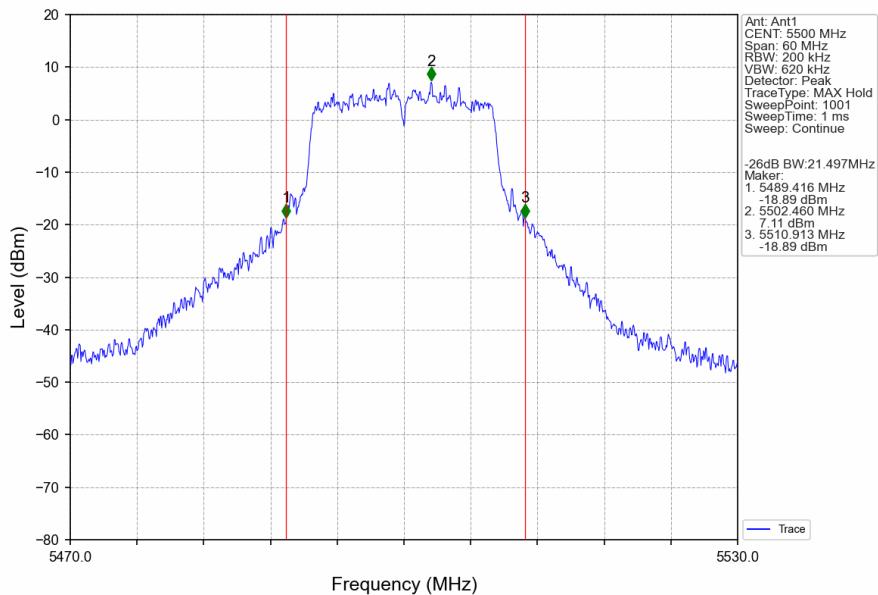
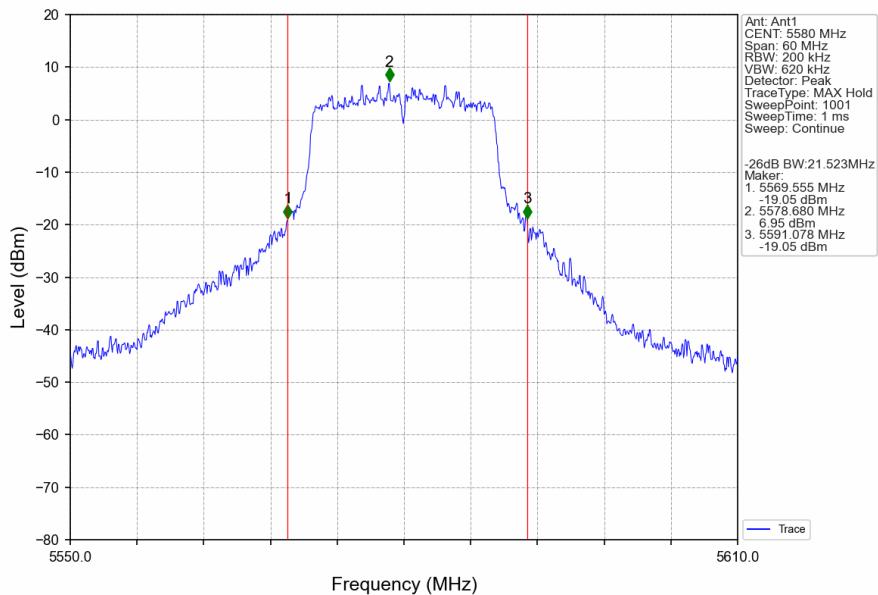


802.11a_HCH_5320MHz_Ant1_NTNV



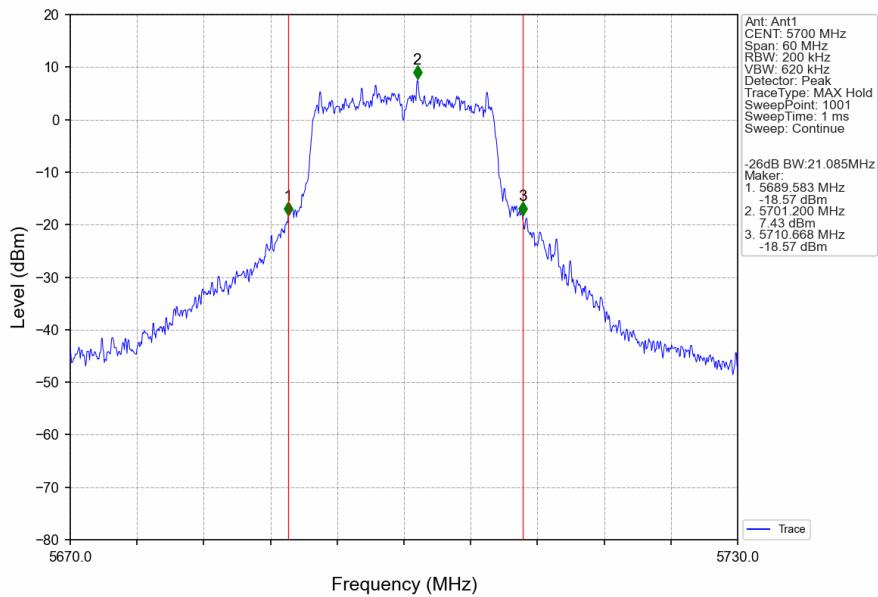
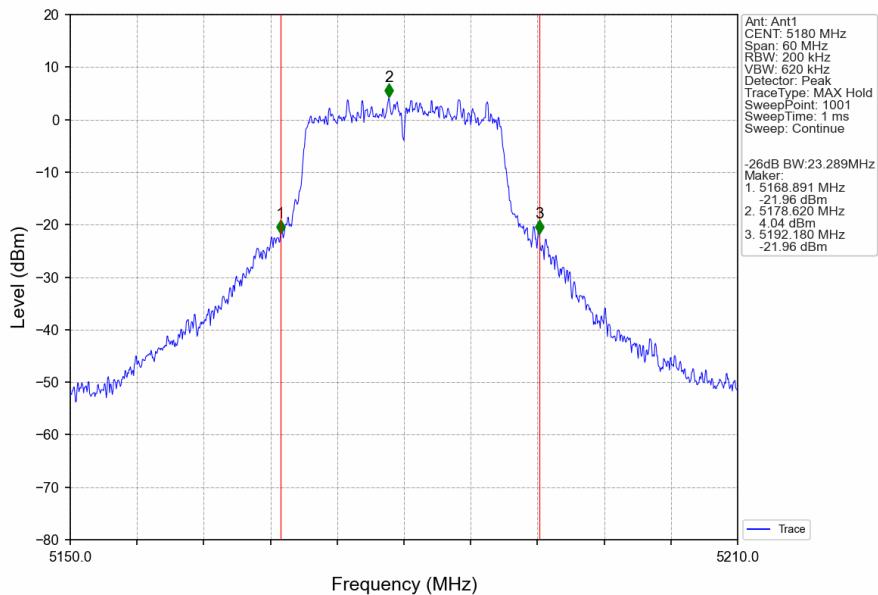
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802.11a_LCH_5500MHz_Ant1_NTNV**802.11a_MCH_5580MHz_Ant1_NTNV**

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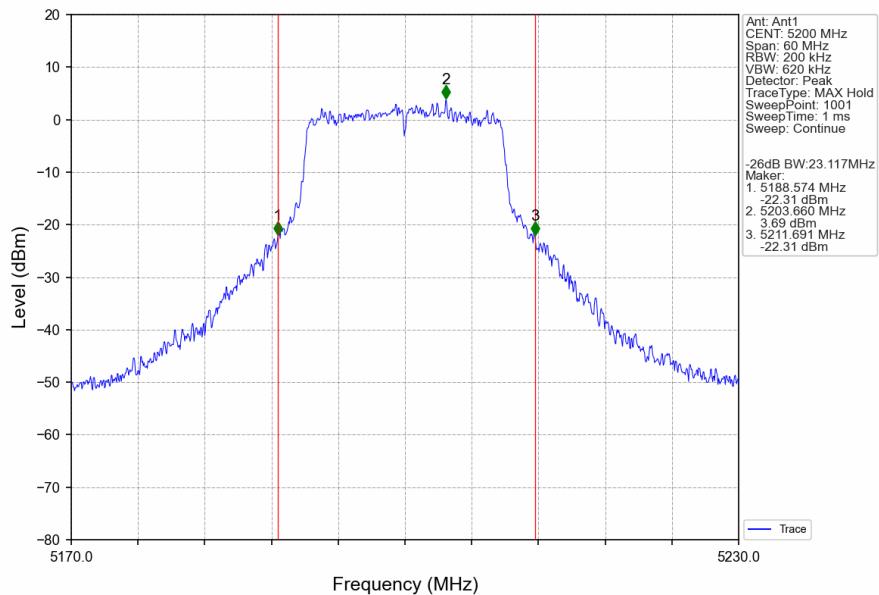
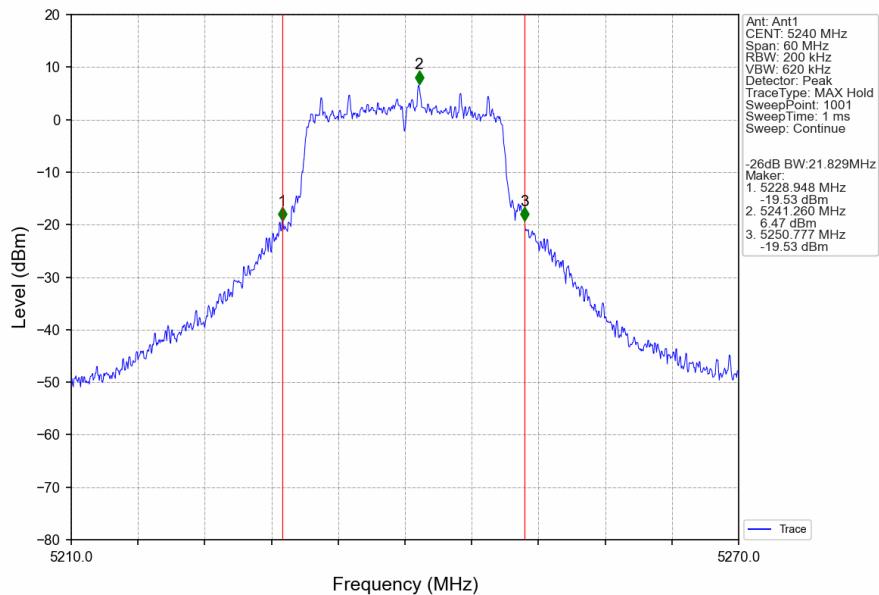
802.11a_HCH_5700MHz_Ant1_NTNV**802.11n(HT20)_LCH_5180MHz_Ant1_NTNV**

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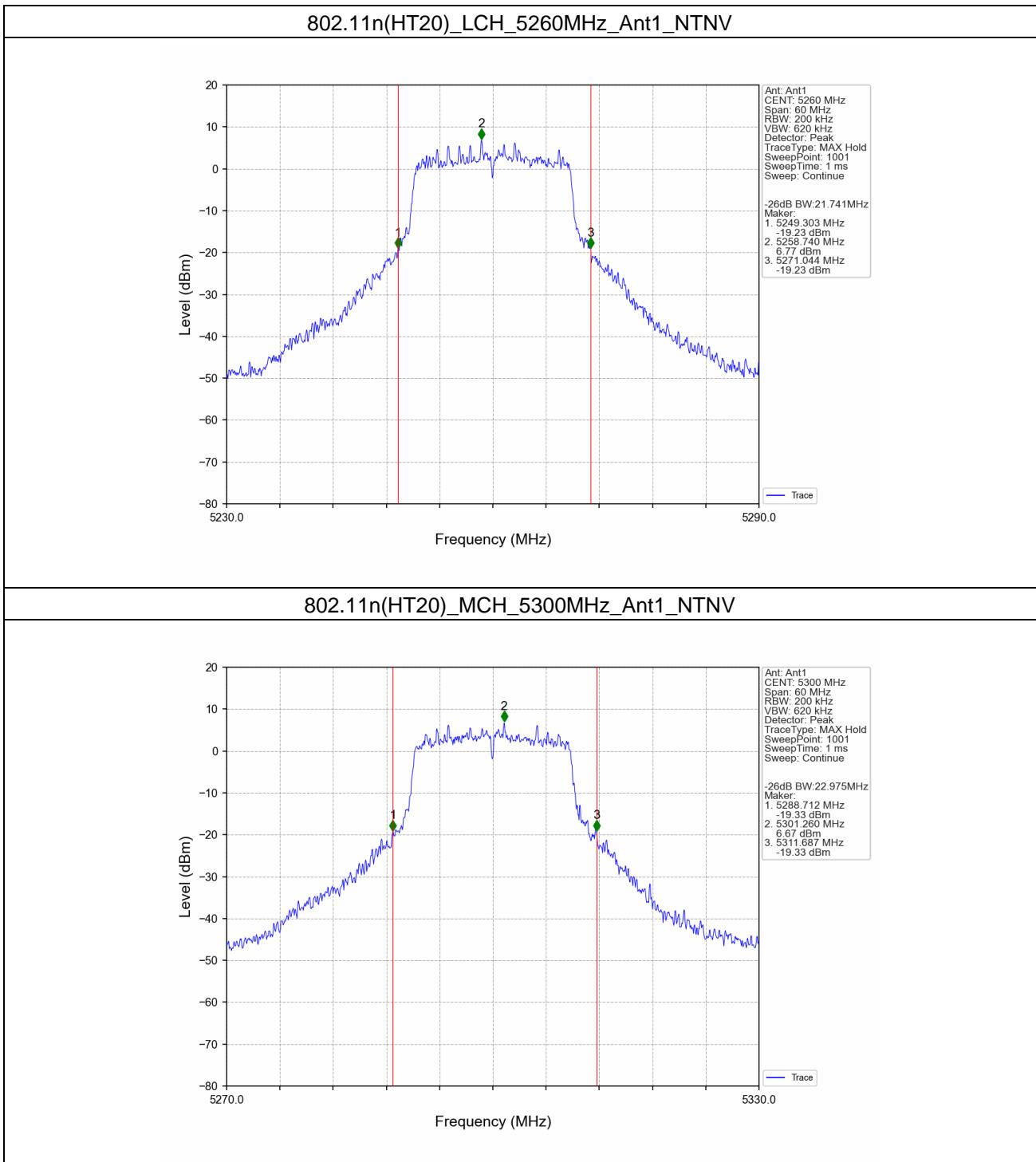
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV**802.11n(HT20)_HCH_5240MHz_Ant1_NTNV**

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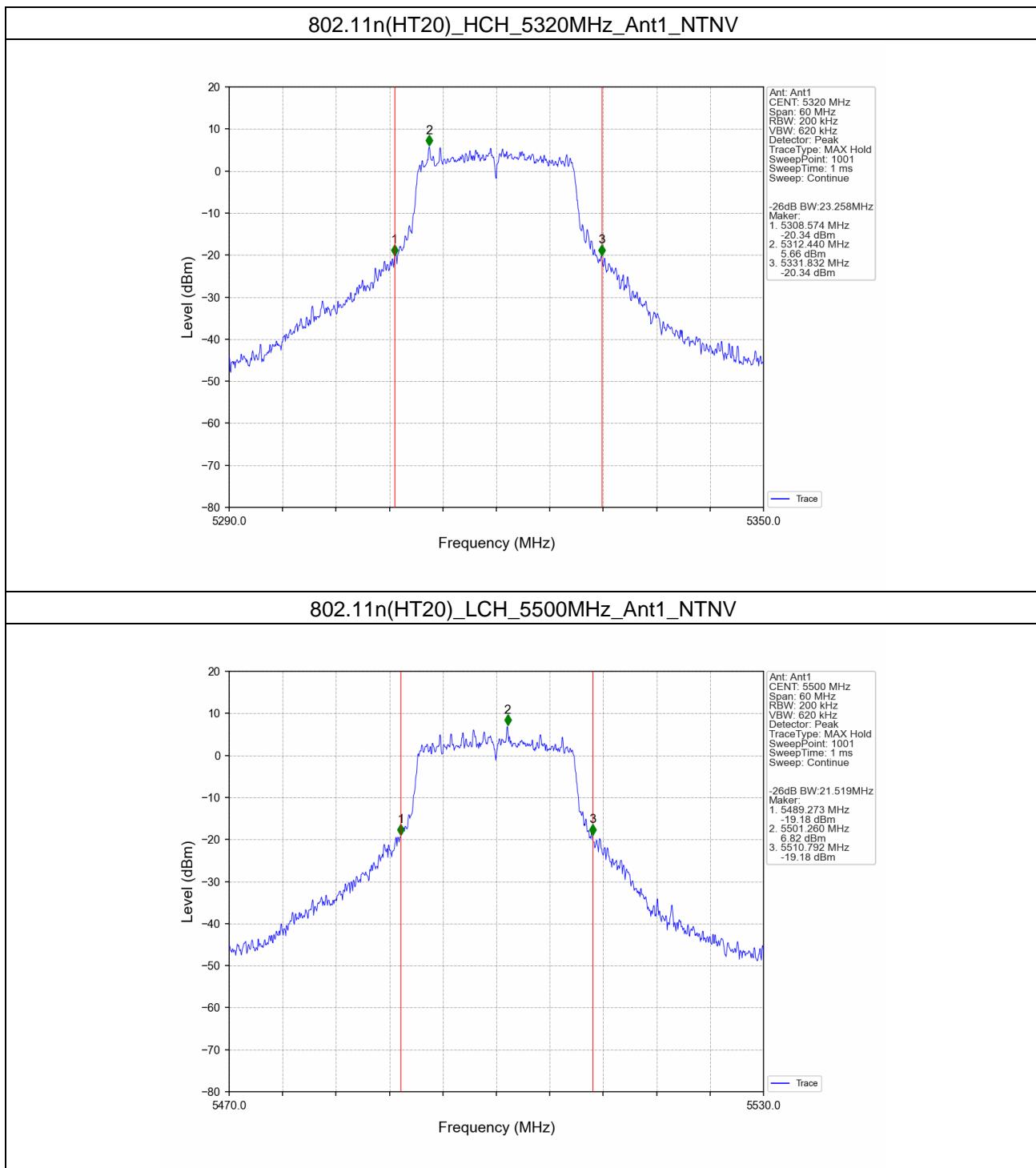
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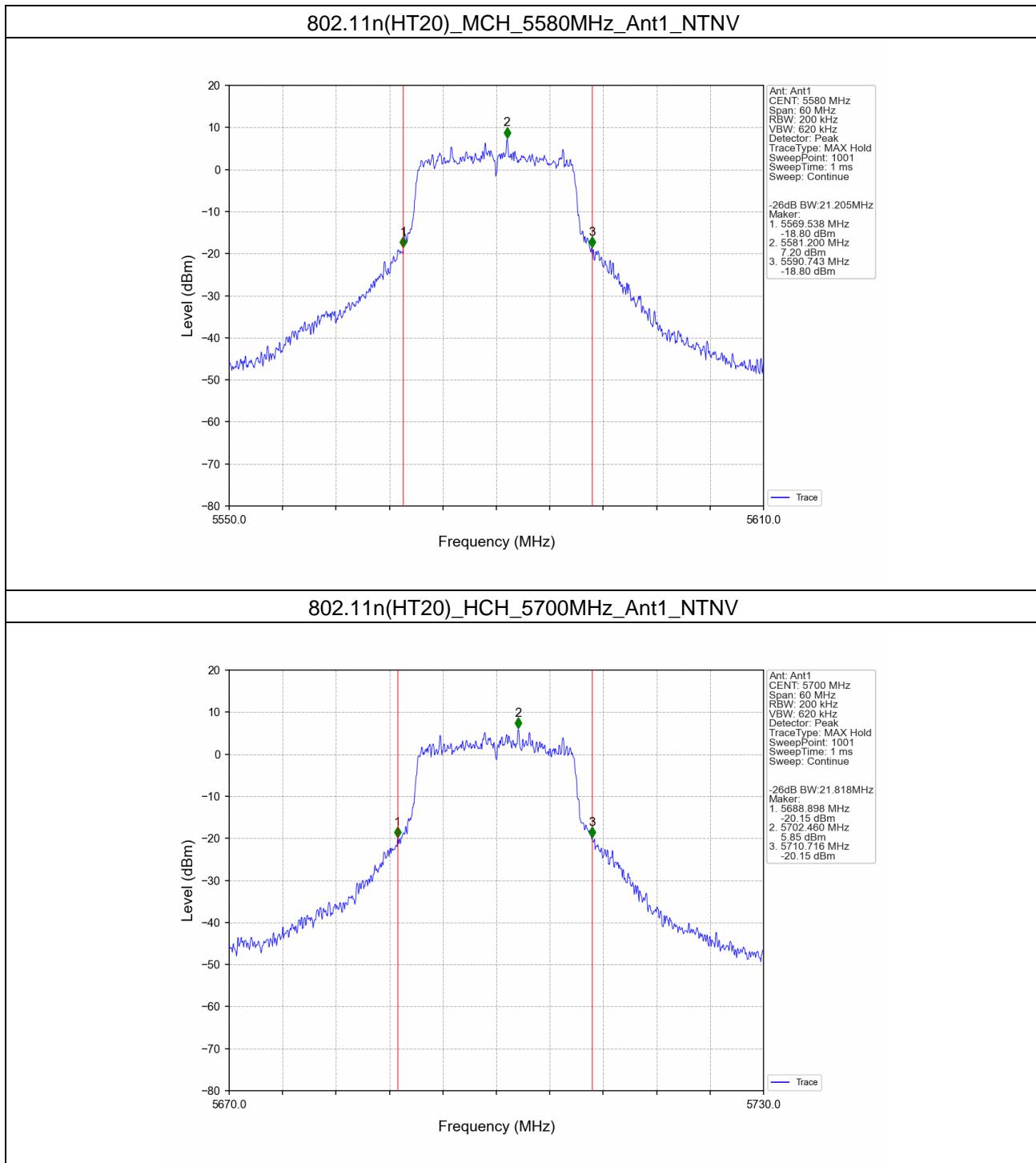
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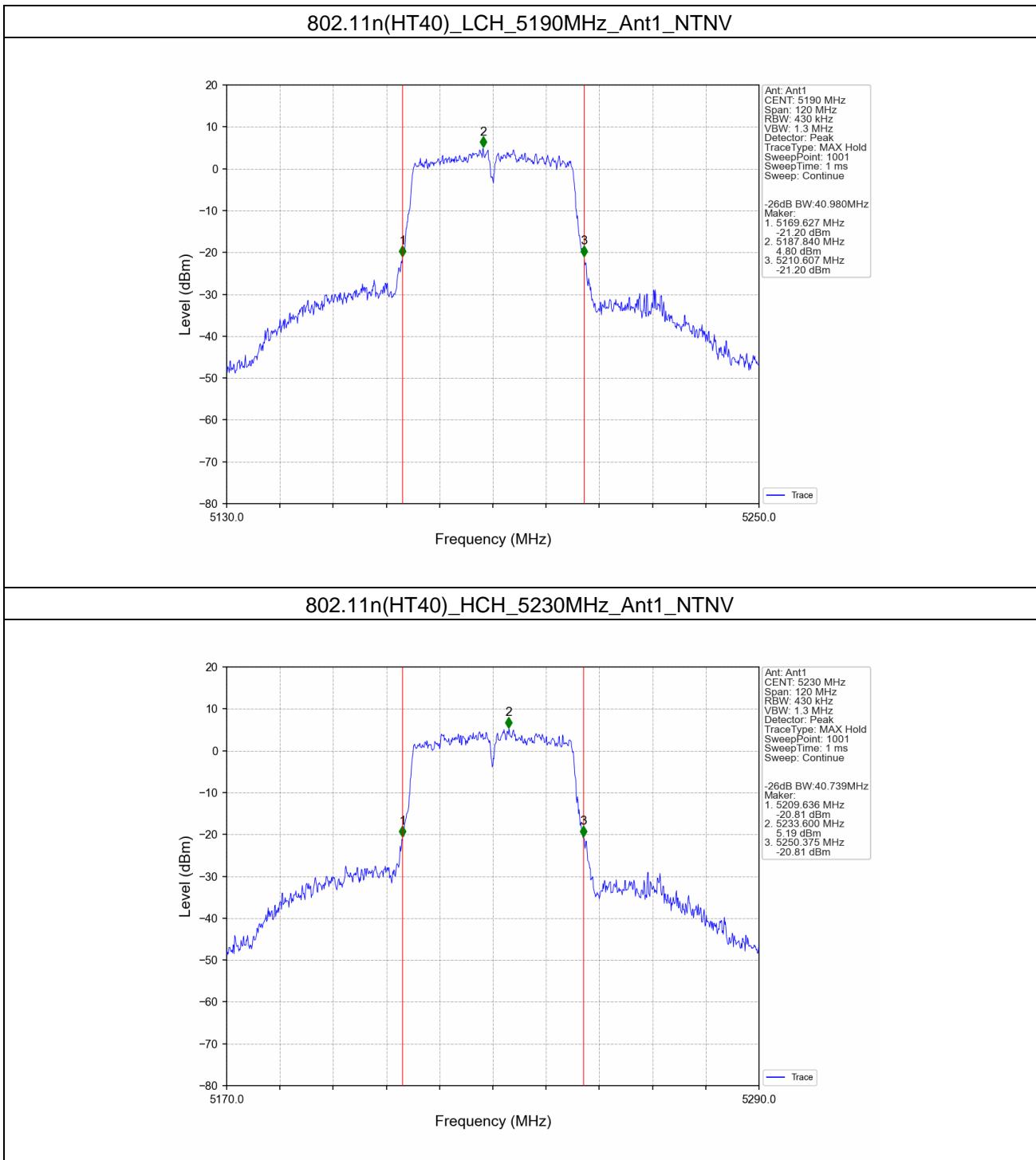
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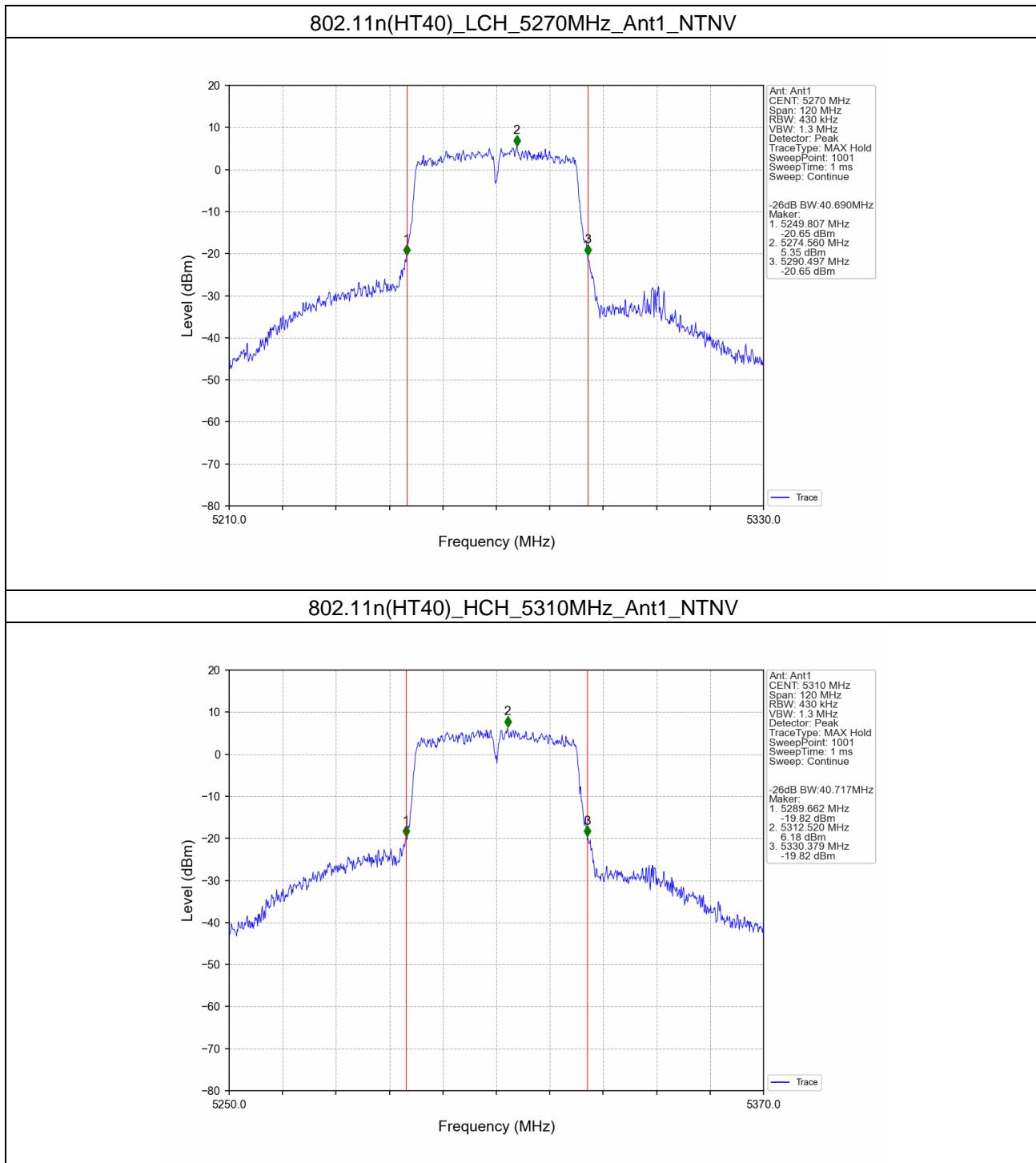
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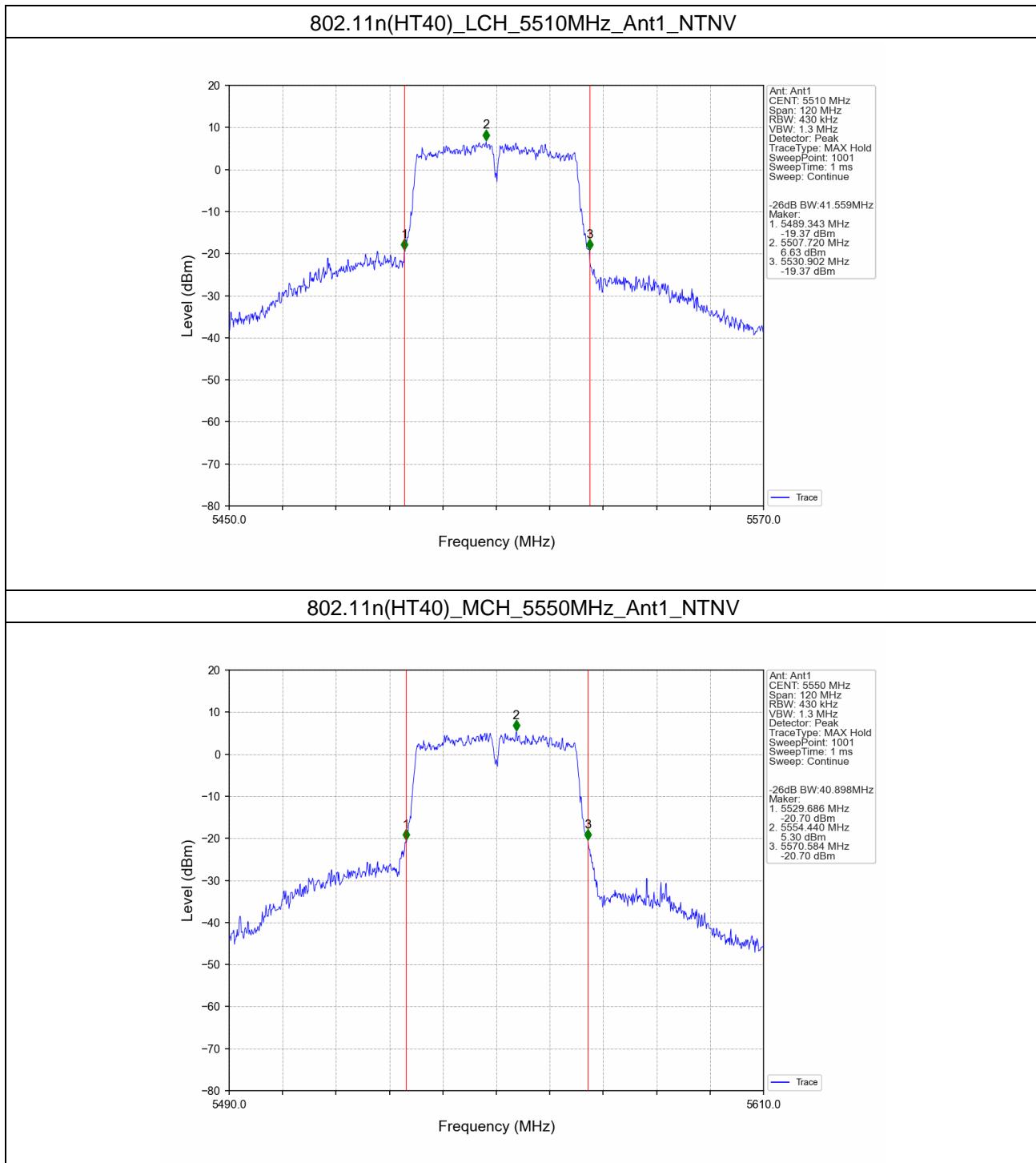
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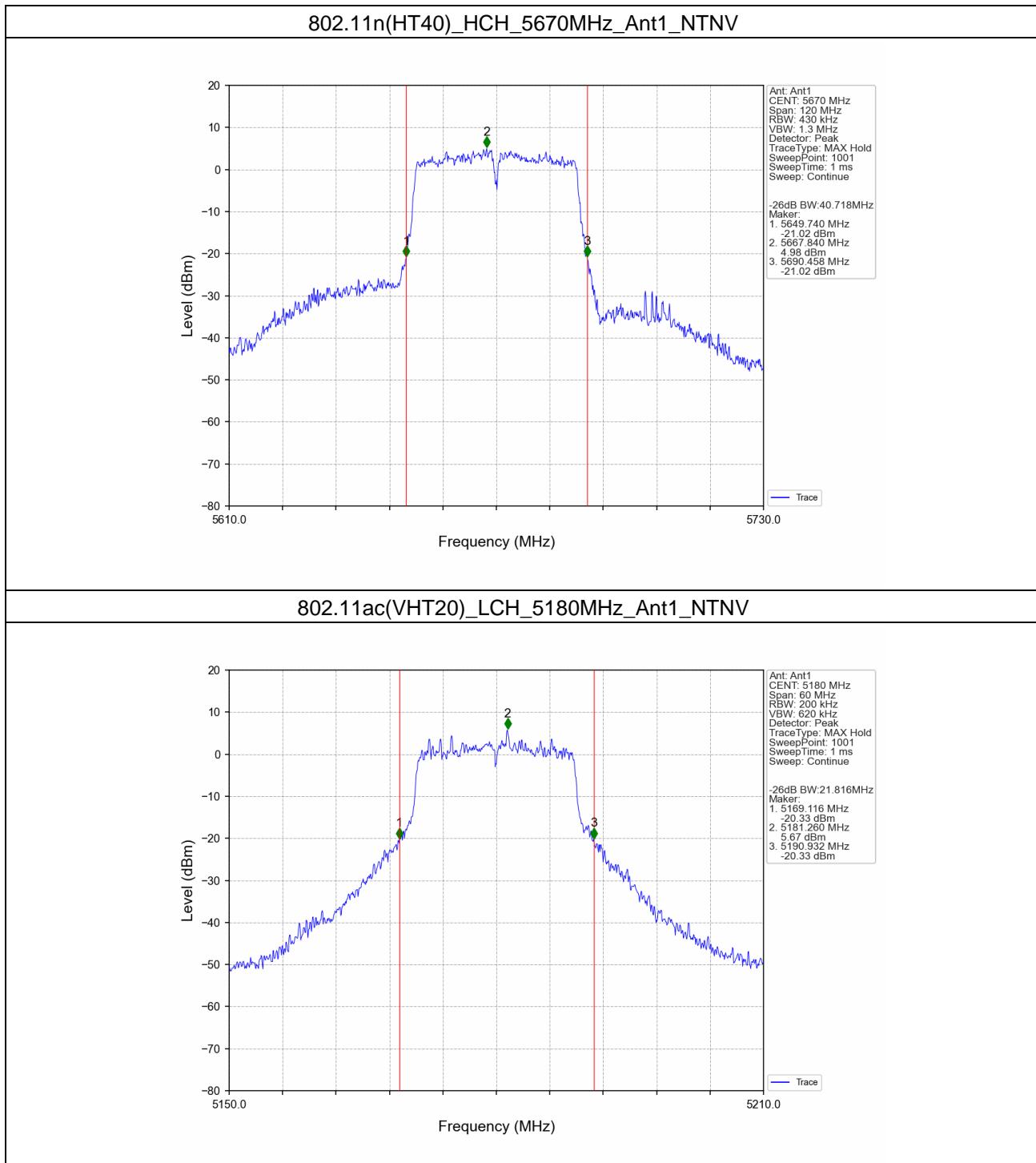
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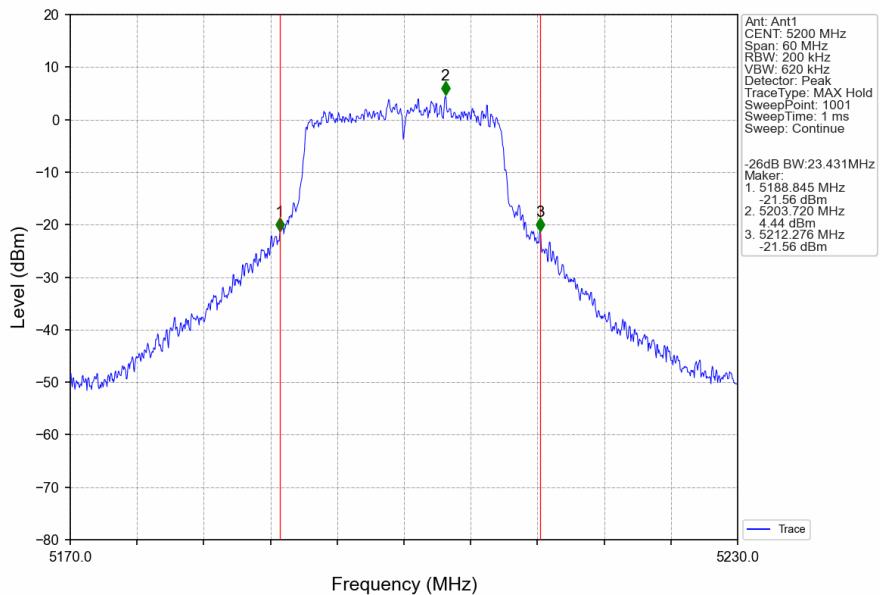
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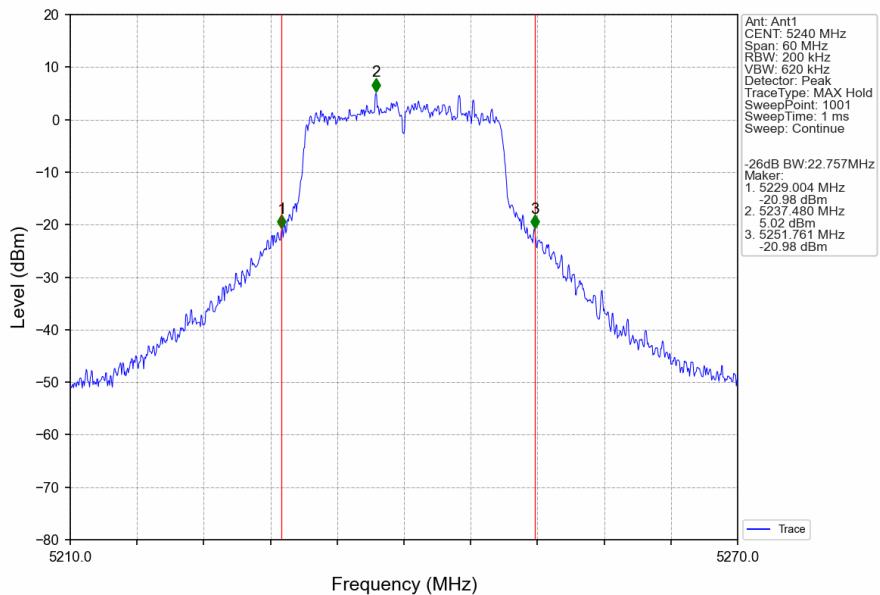
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



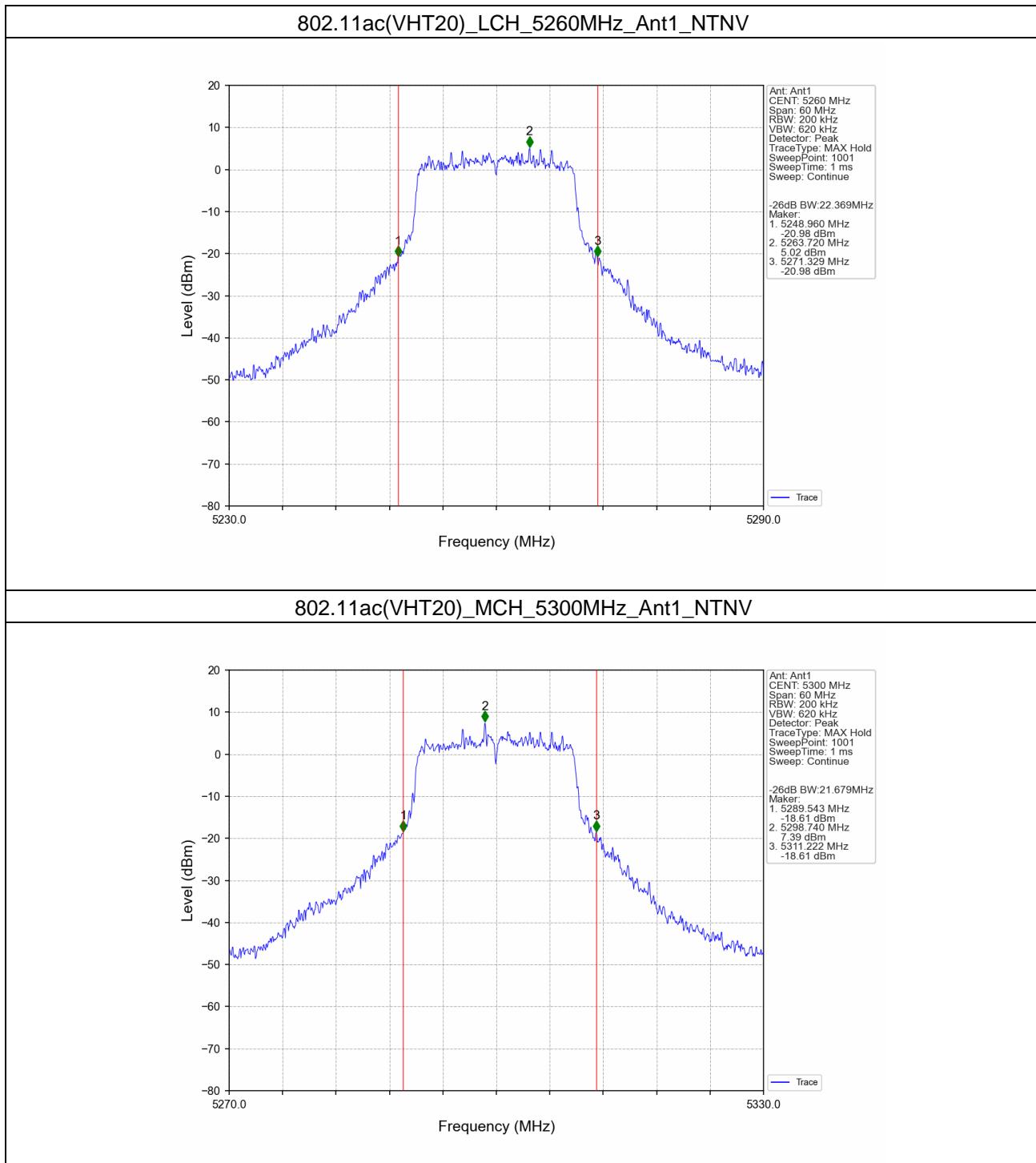
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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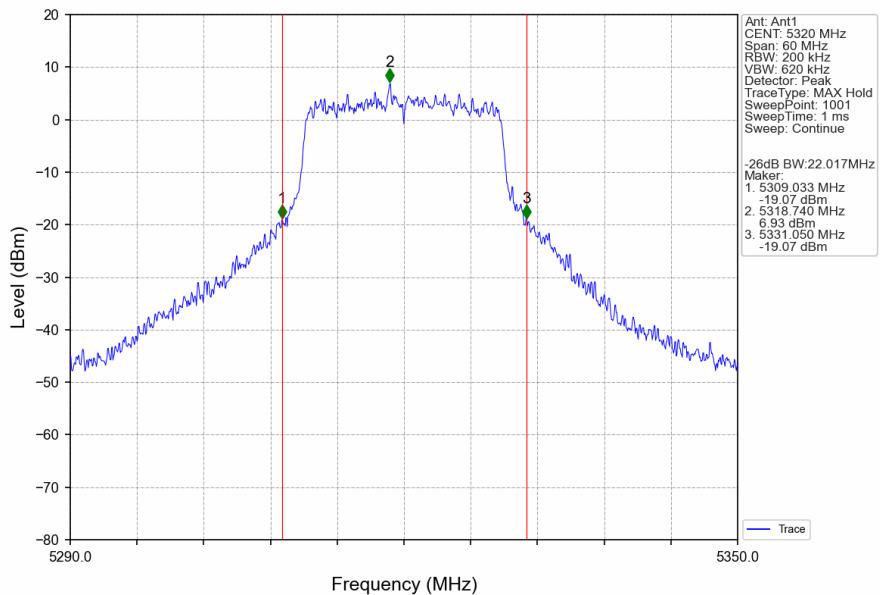




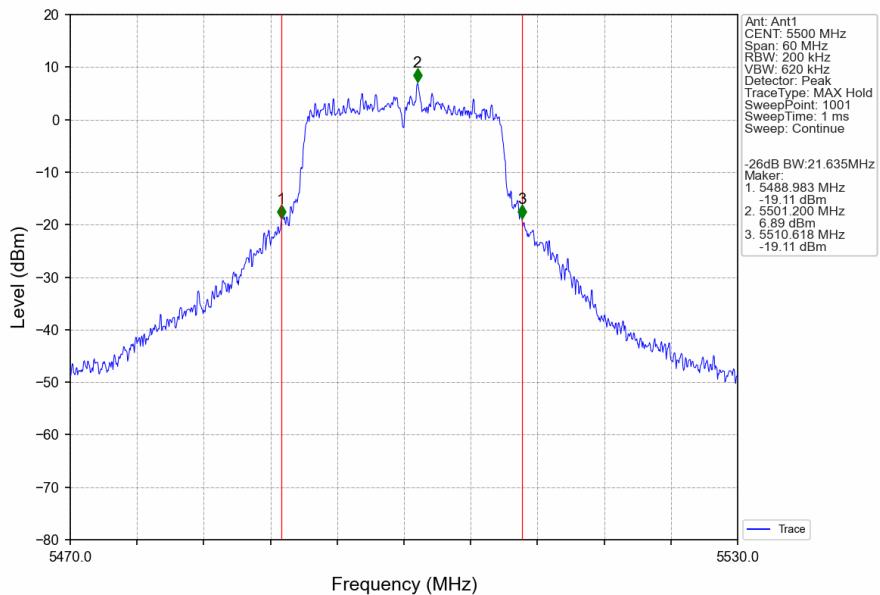
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

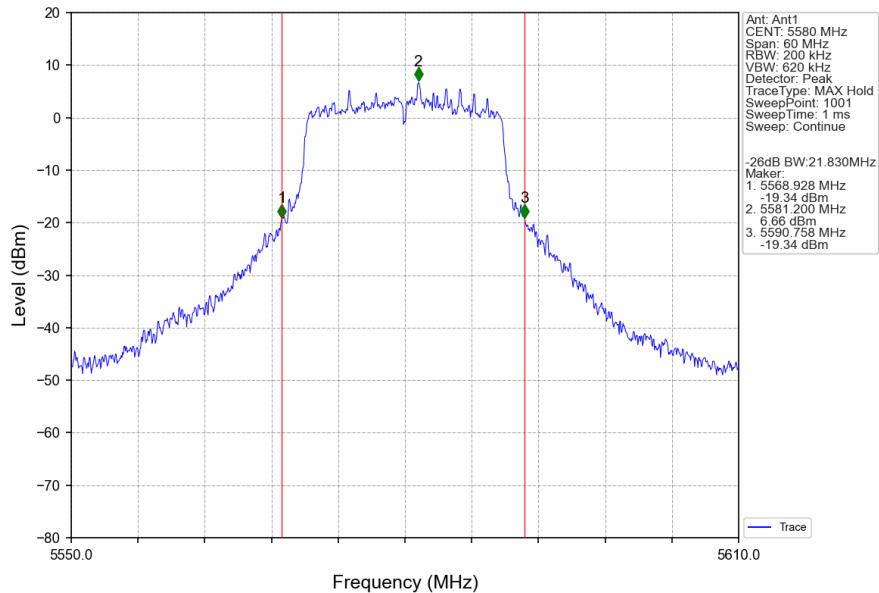
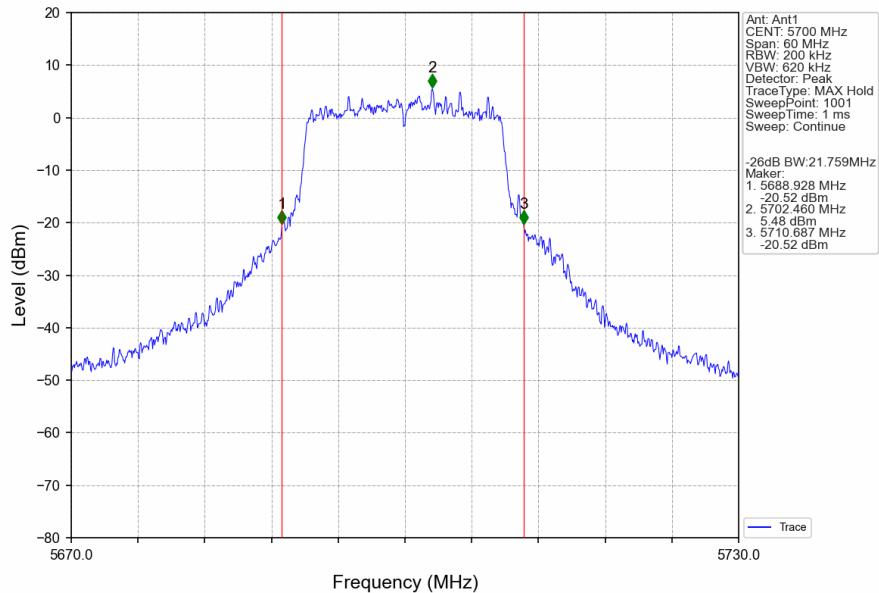


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV**802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV**

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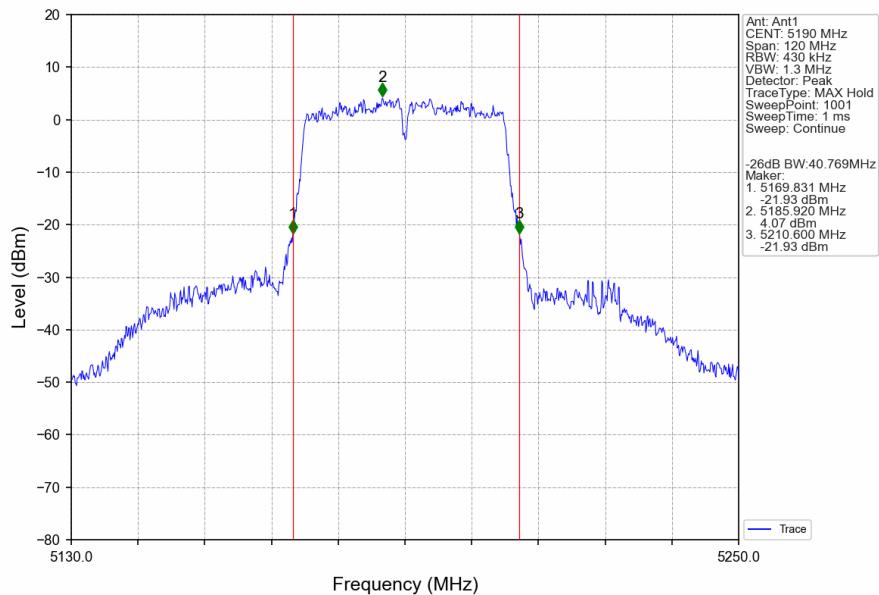


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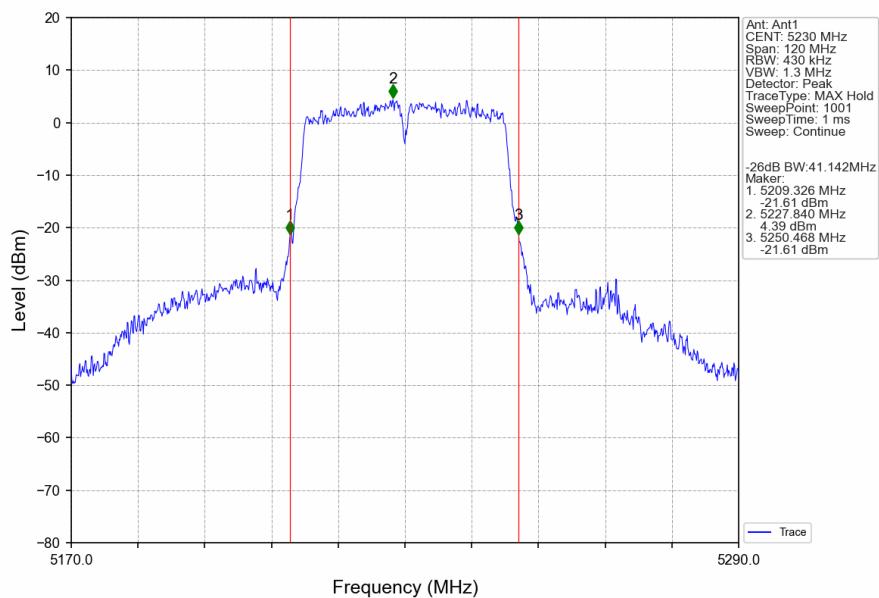
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



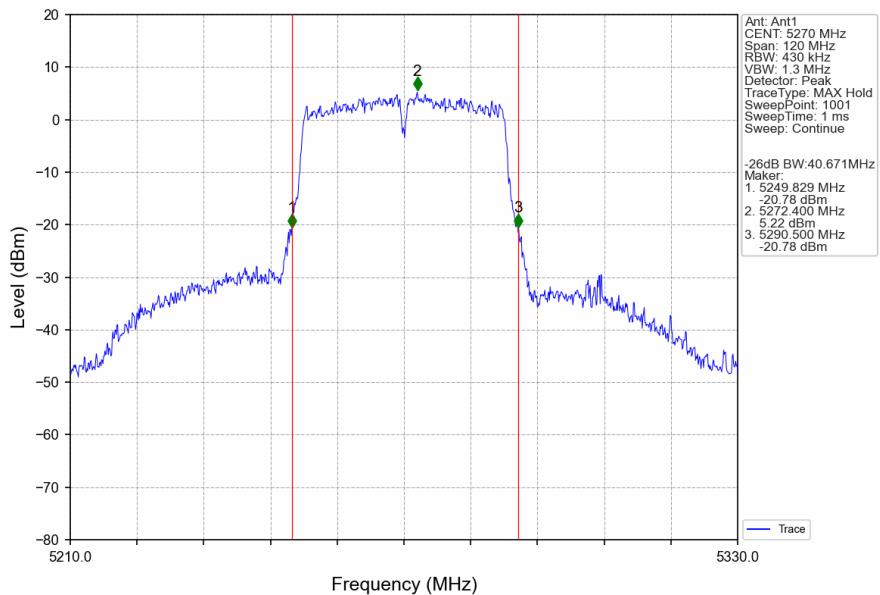
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



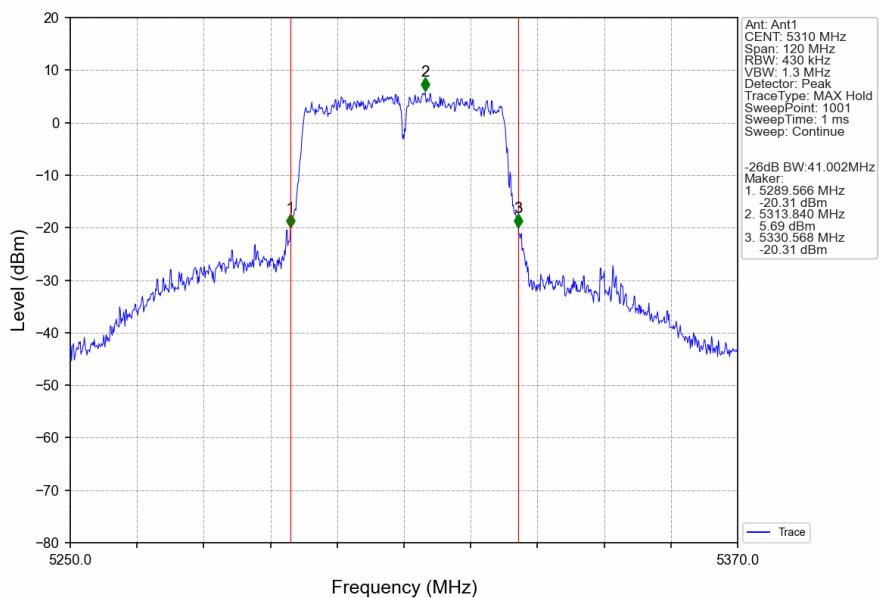
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



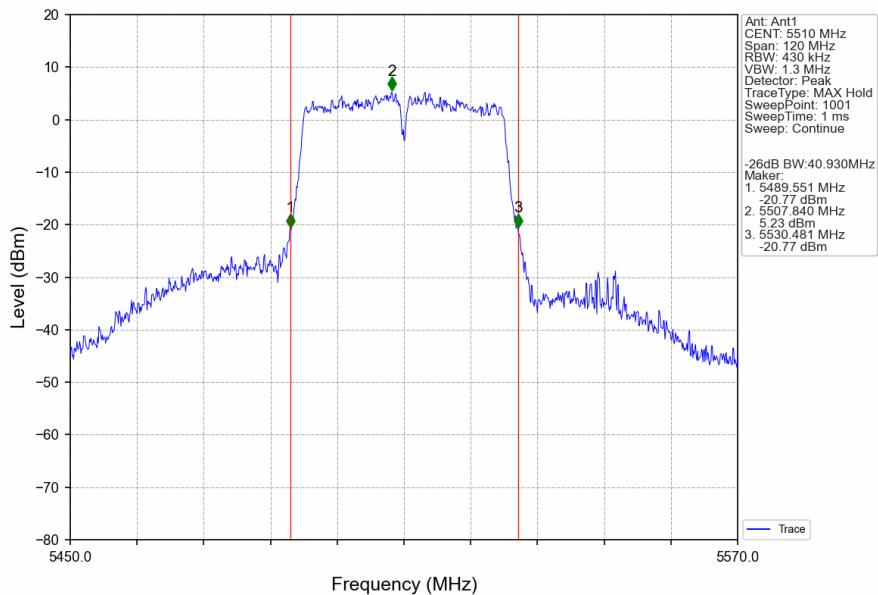
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



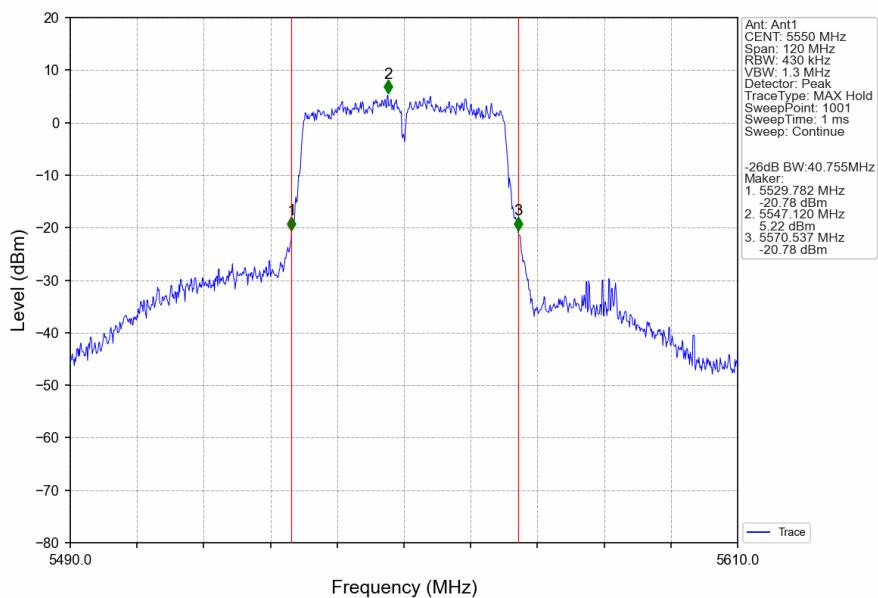
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

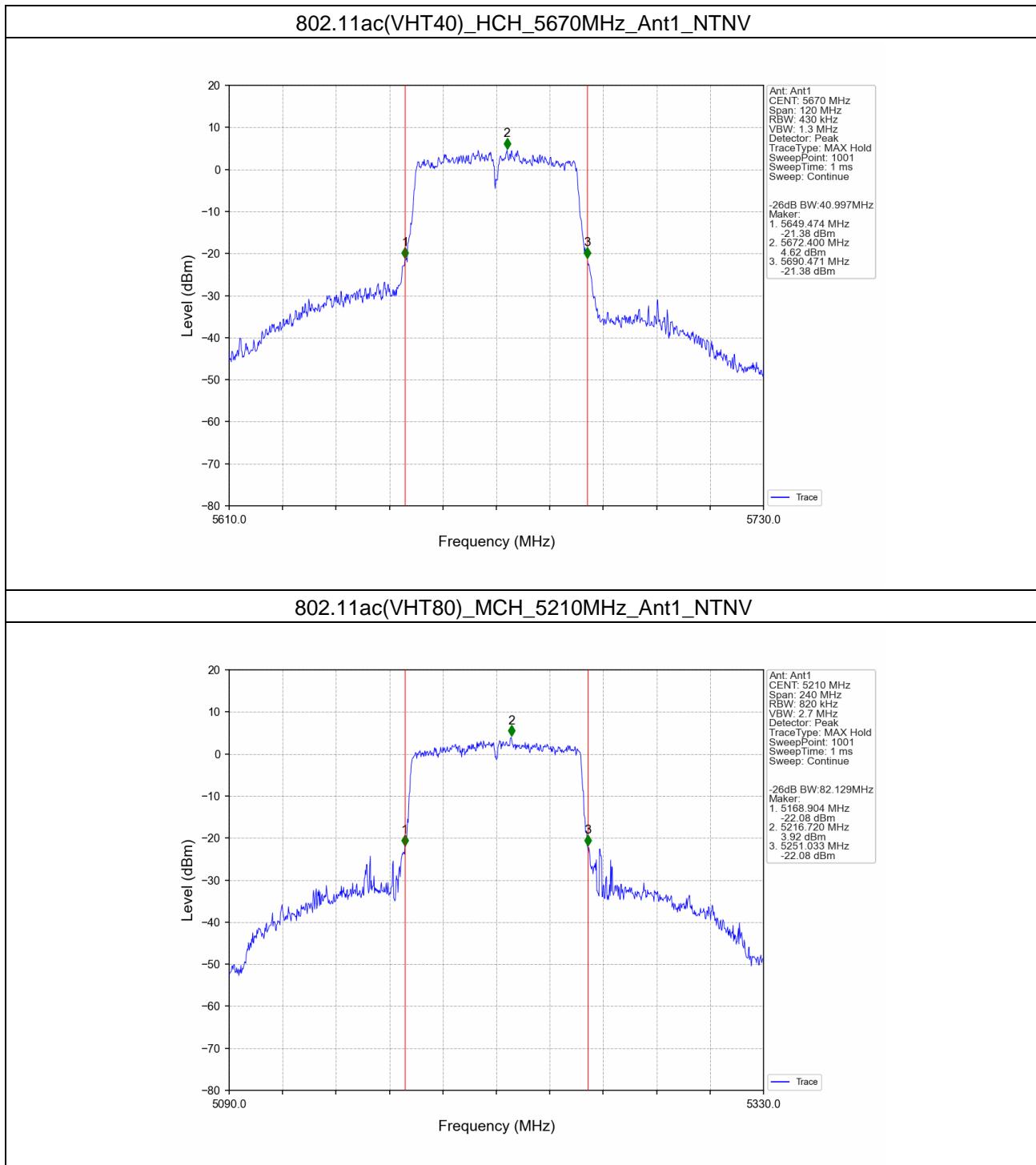


802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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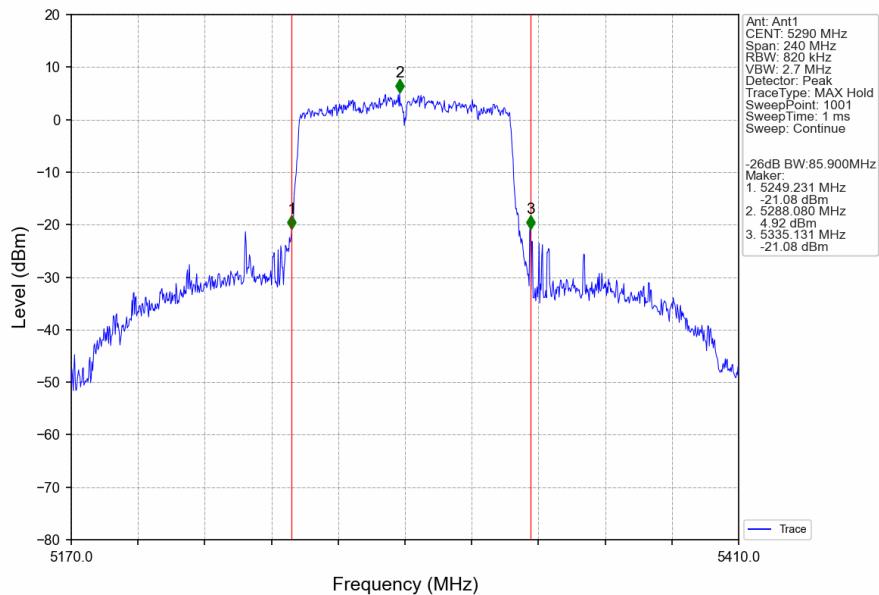
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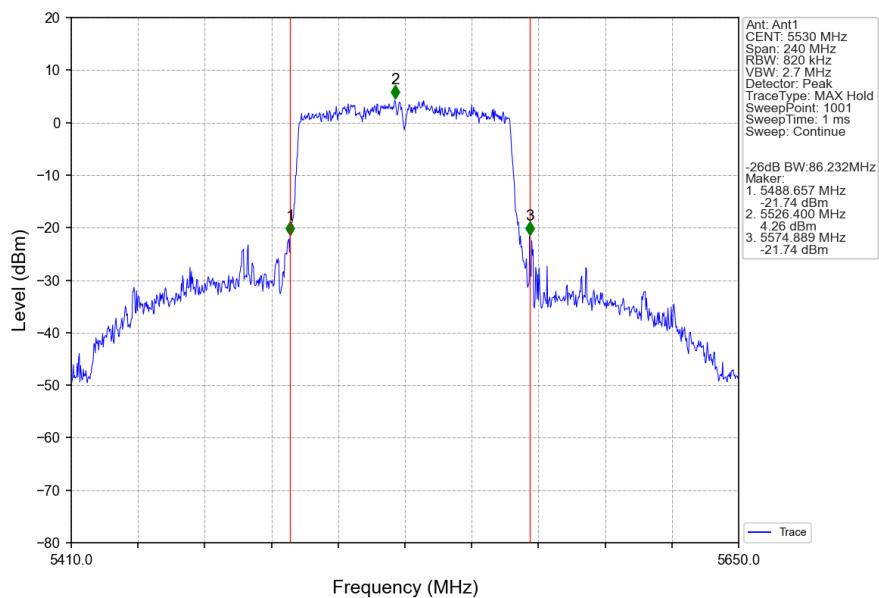


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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



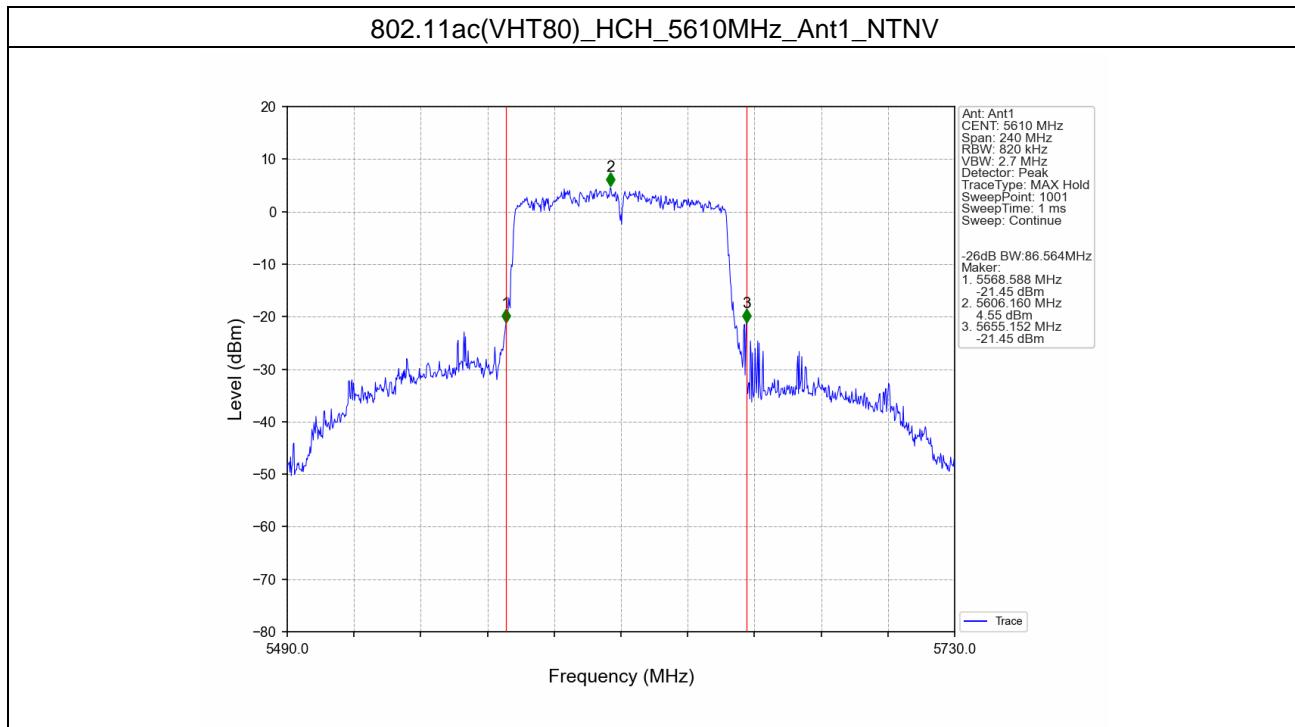
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

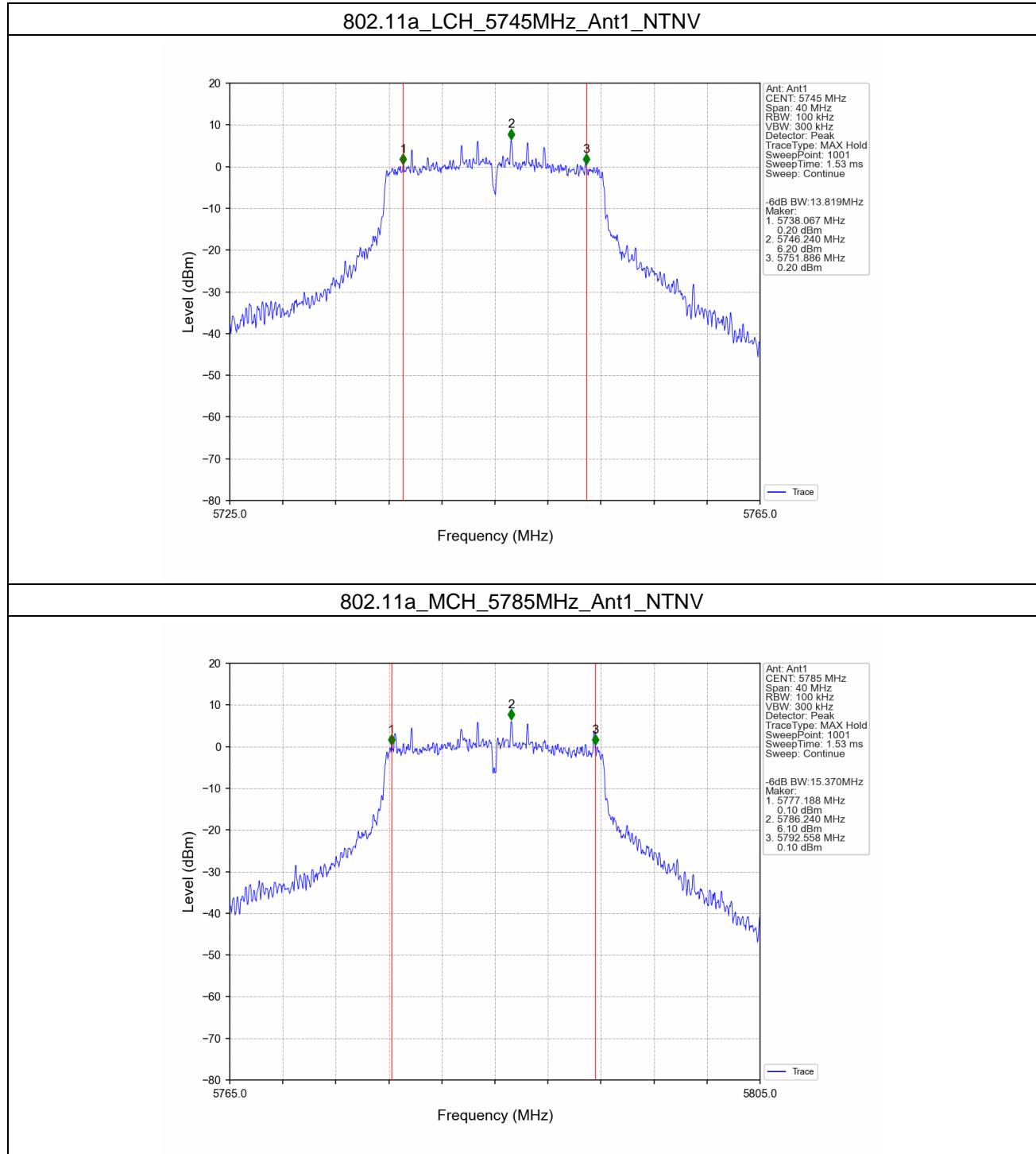


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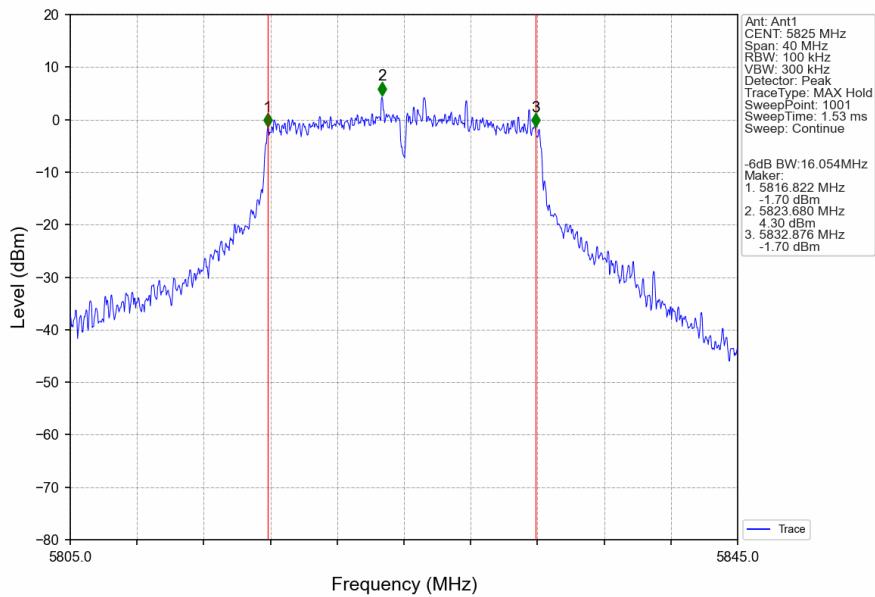
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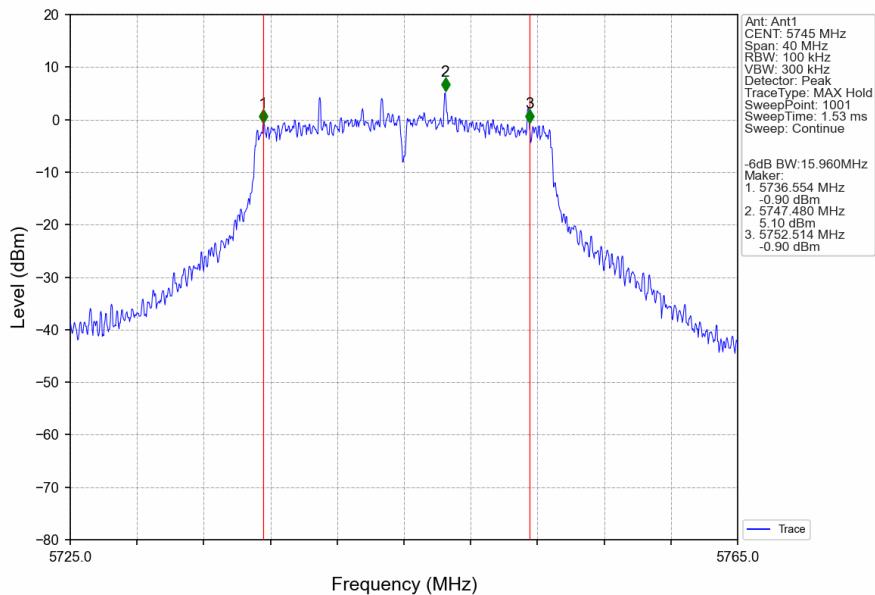


2.2.3 6dB BW

802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

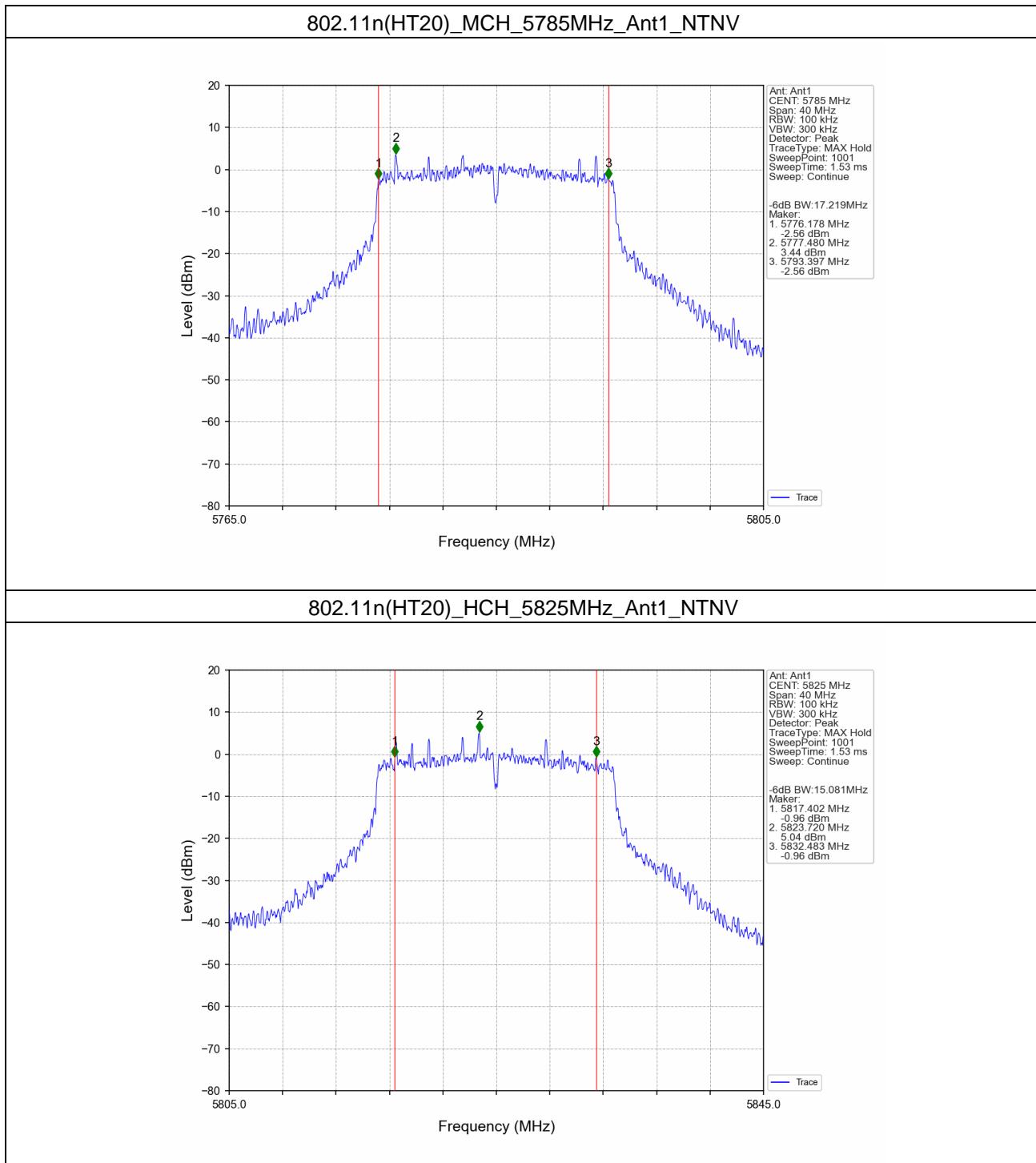


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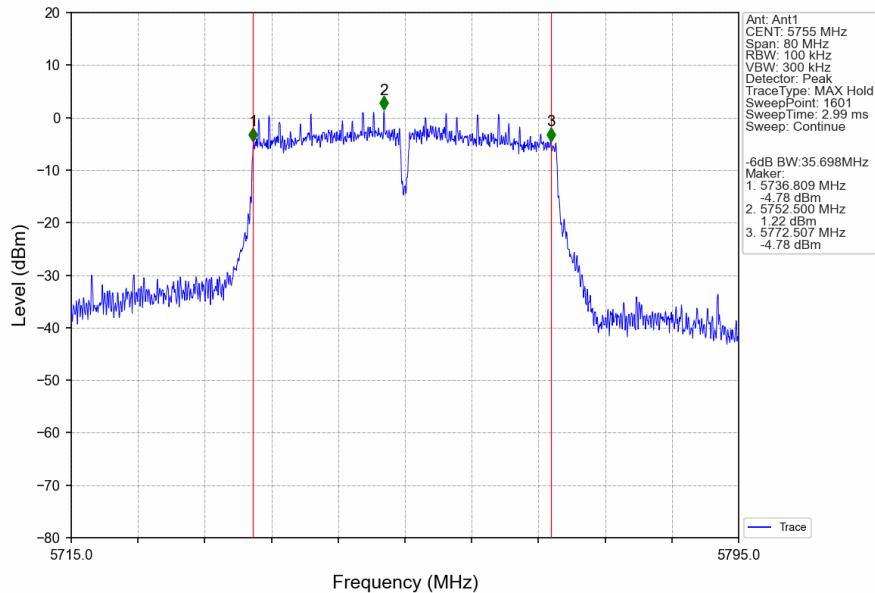
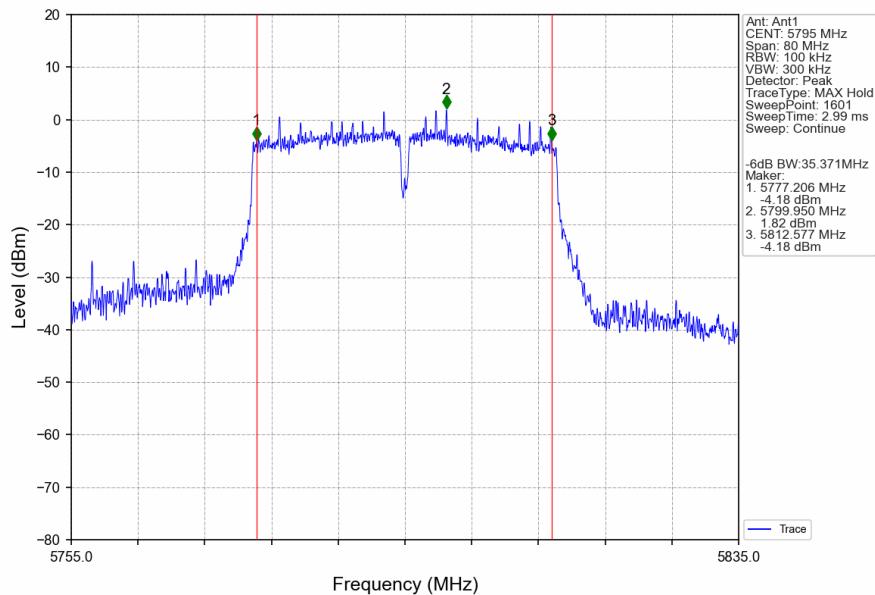


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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV**802.11n(HT40)_HCH_5795MHz_Ant1_NTNV**

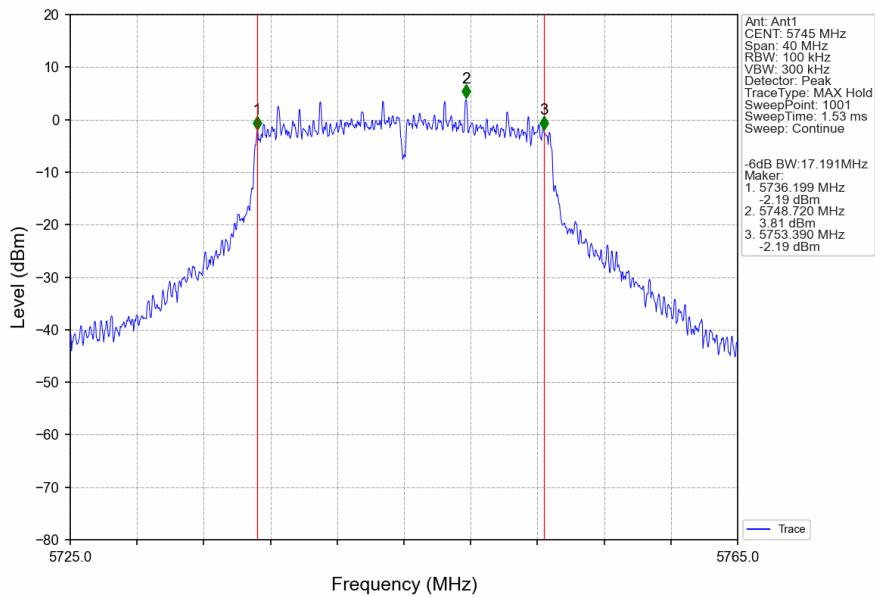
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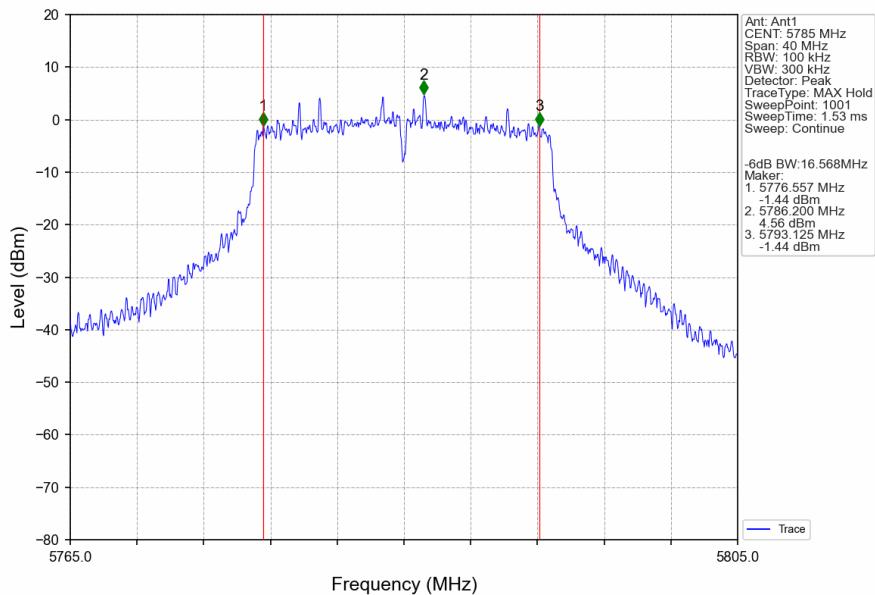


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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



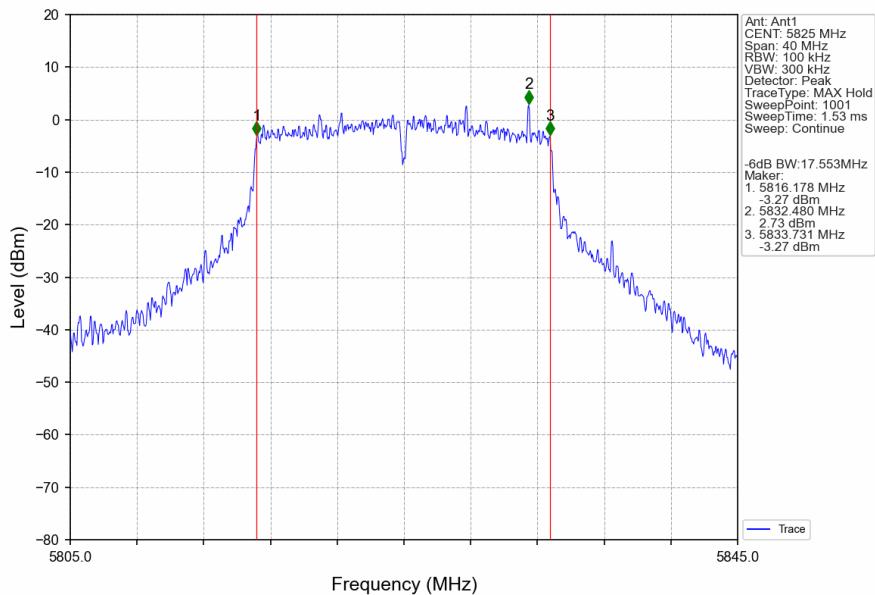
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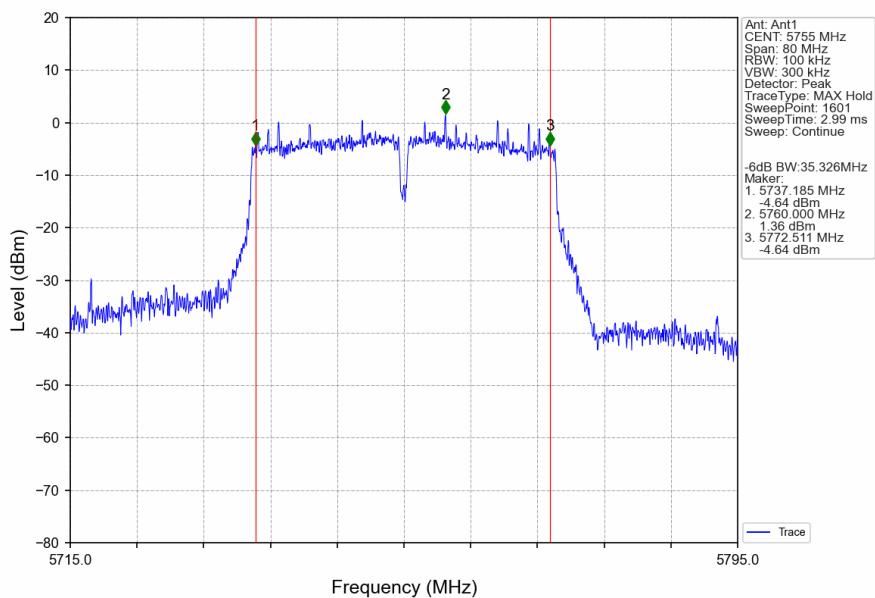


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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

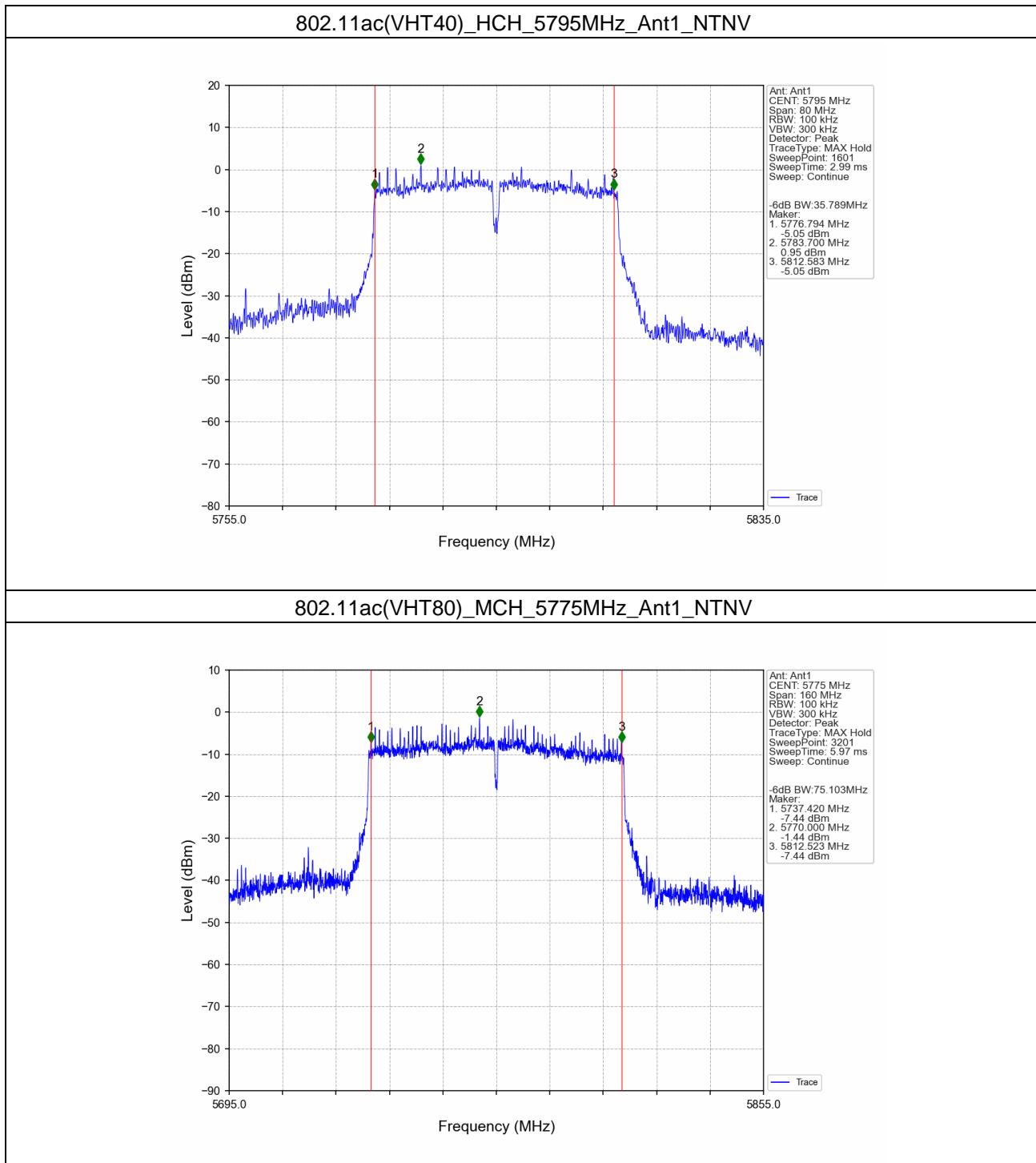


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	16.24	<=23.98	Pass
		5200	15.83	<=23.98	Pass
		5240	15.32	<=23.98	Pass
		5260	15.68	<=23.98	Pass
		5300	16.37	<=23.98	Pass
		5320	16.63	<=23.98	Pass
		5500	16.04	<=23.98	Pass
		5580	16.08	<=23.98	Pass
		5700	15.54	<=23.98	Pass
		5745	15.70	<=30	Pass
		5785	15.48	<=30	Pass
		5825	15.08	<=30	Pass
802.11n (HT20)	SISO	5180	13.71	<=23.98	Pass
		5200	14.21	<=23.98	Pass
		5240	14.52	<=23.98	Pass
		5260	14.95	<=23.98	Pass
		5300	15.74	<=23.98	Pass
		5320	15.81	<=23.98	Pass
		5500	15.39	<=23.98	Pass
		5580	15.42	<=23.98	Pass
		5700	14.74	<=23.98	Pass
		5745	14.93	<=30	Pass
		5785	14.90	<=30	Pass
		5825	14.39	<=30	Pass
802.11n (HT40)	SISO	5190	13.77	<=23.98	Pass
		5230	14.05	<=23.98	Pass
		5270	15.53	<=23.98	Pass
		5310	15.30	<=23.98	Pass
		5510	15.81	<=23.98	Pass
		5550	15.53	<=23.98	Pass

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SZEMC-TRF-01 Rev. A/1

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		5670	15.10	<=23.98	Pass
		5755	15.28	<=30	Pass
		5795	15.22	<=30	Pass
802.11ac (VHT20)	SISO	5180	13.83	<=23.98	Pass
		5200	13.86	<=23.98	Pass
		5240	14.11	<=23.98	Pass
		5260	14.54	<=23.98	Pass
		5300	15.41	<=23.98	Pass
		5320	15.64	<=23.98	Pass
		5500	14.98	<=23.98	Pass
		5580	15.00	<=23.98	Pass
		5700	14.36	<=23.98	Pass
		5745	14.55	<=30	Pass
		5785	14.66	<=30	Pass
		5825	14.11	<=30	Pass
802.11ac (VHT40)	SISO	5190	13.34	<=23.98	Pass
		5230	13.62	<=23.98	Pass
		5270	14.09	<=23.98	Pass
		5310	14.97	<=23.98	Pass
		5510	14.29	<=23.98	Pass
		5550	14.14	<=23.98	Pass
		5670	13.71	<=23.98	Pass
		5755	15.03	<=30	Pass
		5795	15.05	<=30	Pass
		5210	12.26	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	13.50	<=23.98	Pass
		5530	12.90	<=23.98	Pass
		5610	13.20	<=23.98	Pass
		5775	13.70	<=30	Pass

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4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	5.62	<=11	Pass
		5200	4.31	<=11	Pass
		5240	4.75	<=11	Pass
		5260	5.25	<=11	Pass
		5300	5.73	<=11	Pass
		5320	6.05	<=11	Pass
		5500	5.69	<=11	Pass
		5580	5.51	<=11	Pass
		5700	5.01	<=11	Pass
		5180	3.06	<=11	Pass
802.11n (HT20)	SISO	5200	3.47	<=11	Pass
		5240	3.72	<=11	Pass
		5260	4.08	<=11	Pass
		5300	4.85	<=11	Pass
		5320	5.13	<=11	Pass
		5500	4.53	<=11	Pass
		5580	4.60	<=11	Pass
		5700	3.92	<=11	Pass
		5190	0.88	<=11	Pass
		5230	1.26	<=11	Pass
802.11n (HT40)	SISO	5270	1.65	<=11	Pass
		5310	2.37	<=11	Pass
		5510	2.91	<=11	Pass
		5550	1.63	<=11	Pass
		5670	1.29	<=11	Pass
		5180	2.94	<=11	Pass
		5200	2.90	<=11	Pass
802.11ac (VHT20)	SISO	5240	3.23	<=11	Pass
		5260	3.79	<=11	Pass
		5300	4.61	<=11	Pass
		5320	4.68	<=11	Pass

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		5500	4.12	<=11	Pass
		5580	4.24	<=11	Pass
		5700	3.61	<=11	Pass
802.11ac (VHT40)	SISO	5190	0.50	<=11	Pass
		5230	0.74	<=11	Pass
		5270	1.30	<=11	Pass
		5310	2.10	<=11	Pass
		5510	1.41	<=11	Pass
		5550	1.31	<=11	Pass
		5670	0.91	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.72	<=11	Pass
		5290	-2.33	<=11	Pass
		5530	-3.18	<=11	Pass
		5610	-2.58	<=11	Pass

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	2.58	<=30	Pass
		5785	2.26	<=30	Pass
		5825	1.93	<=30	Pass
802.11n (HT20)	SISO	5745	1.37	<=30	Pass
		5785	1.27	<=30	Pass
		5825	0.91	<=30	Pass
802.11n (HT40)	SISO	5755	-1.50	<=30	Pass
		5795	-1.35	<=30	Pass
802.11ac (VHT20)	SISO	5745	0.99	<=30	Pass
		5785	1.20	<=30	Pass
		5825	0.64	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.75	<=30	Pass
		5795	-1.49	<=30	Pass
802.11ac (VHT80)	SISO	5775	-5.90	<=30	Pass

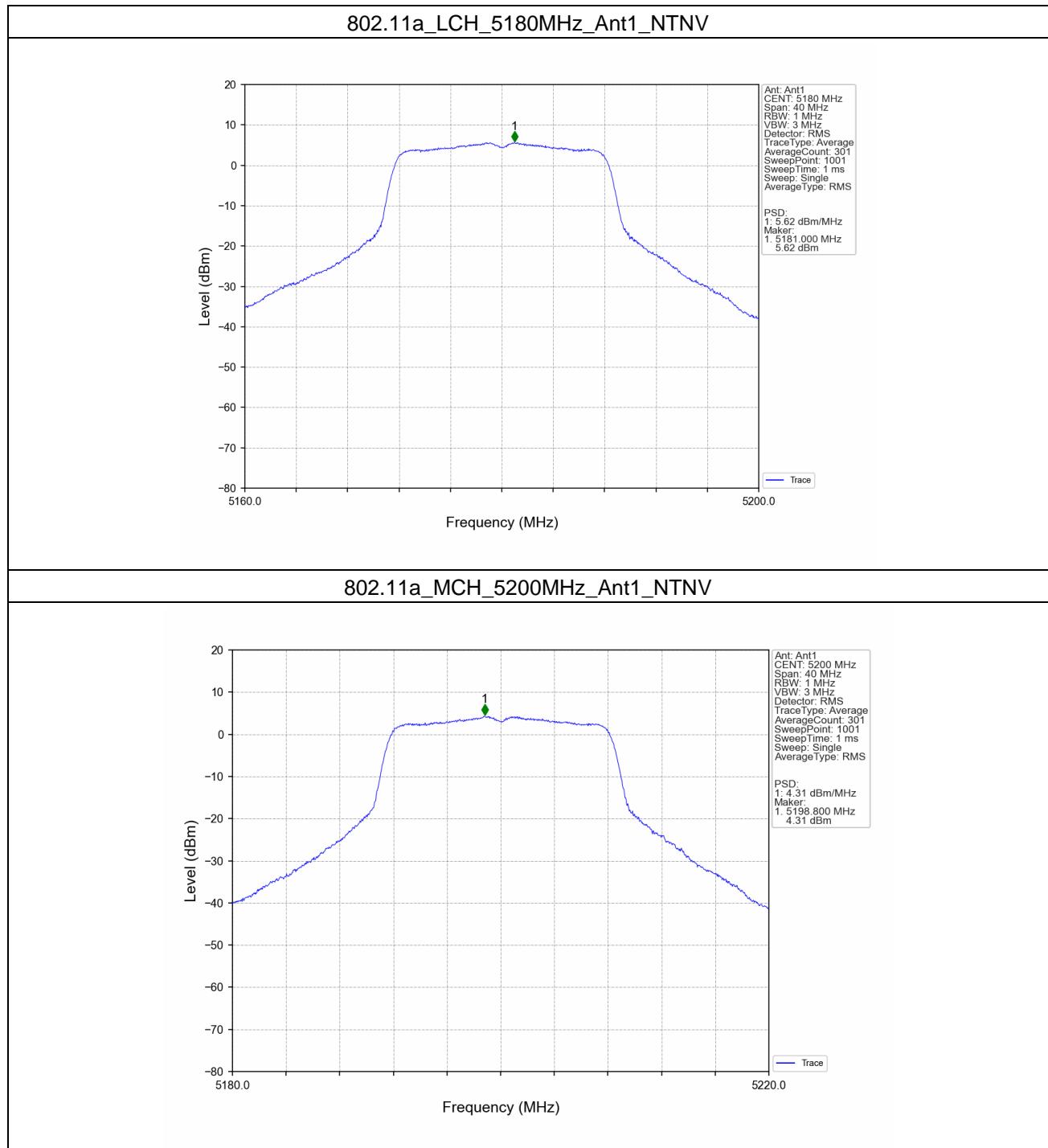
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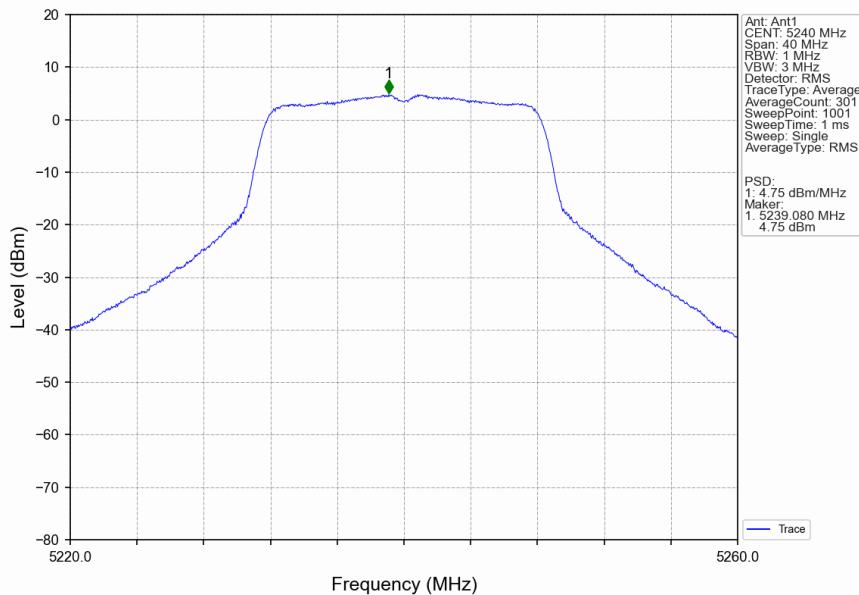
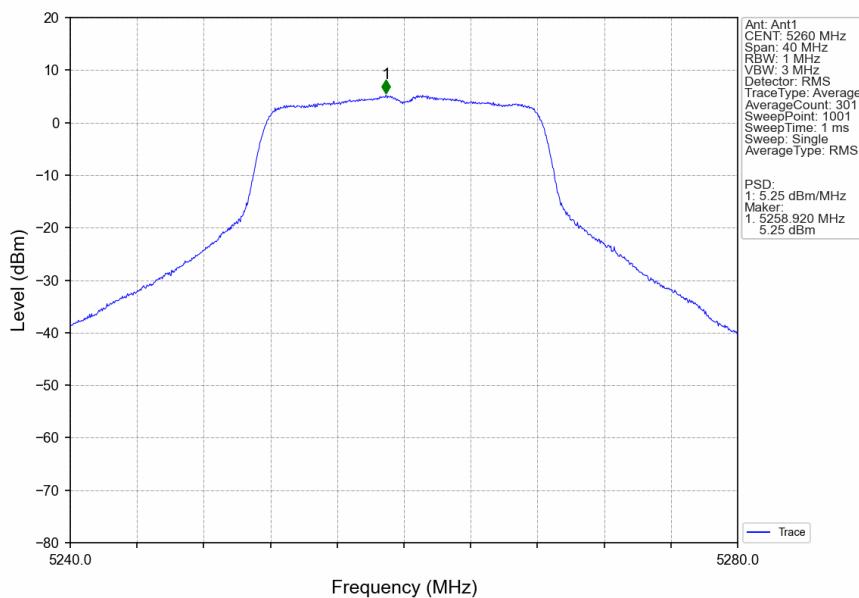
4.2 Test Graph

4.2.1 PSD



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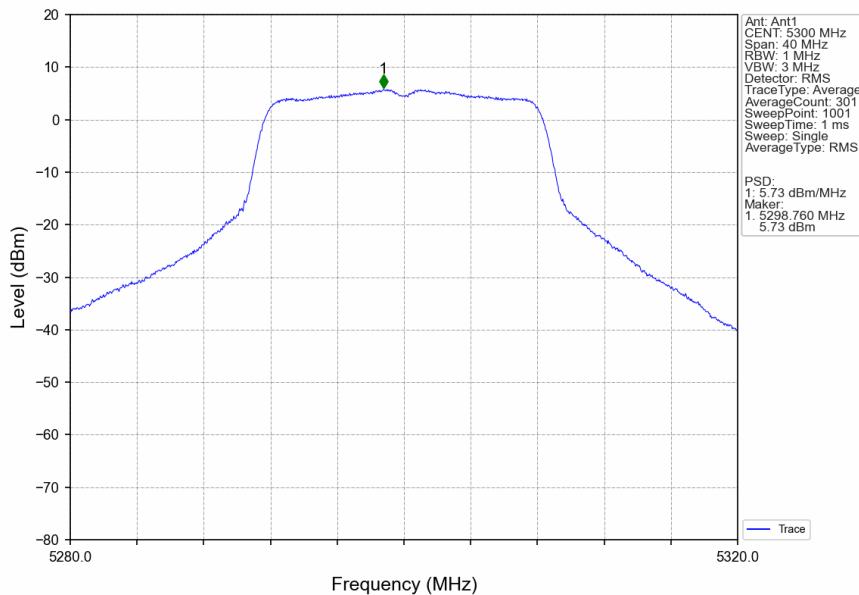
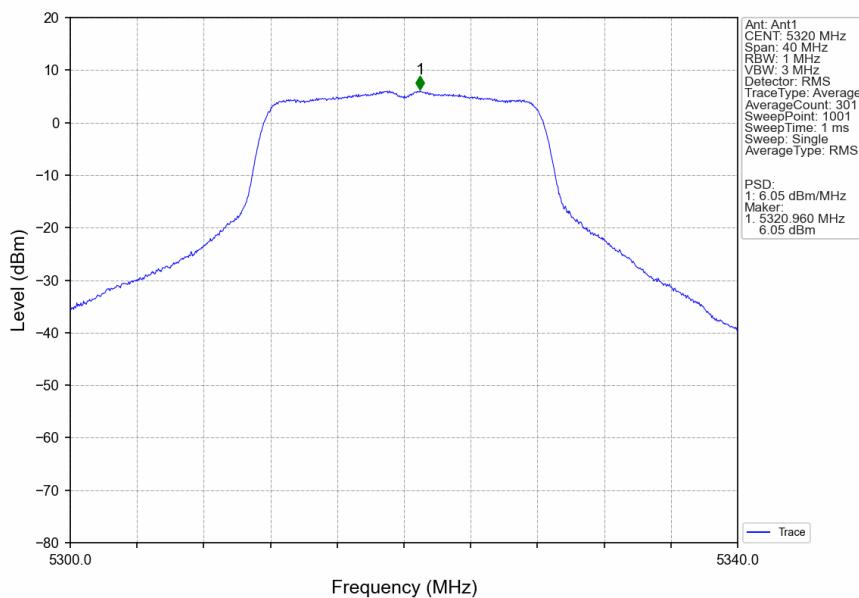
802.11a_HCH_5240MHz_Ant1_NTNV**802.11a_LCH_5260MHz_Ant1_NTNV**

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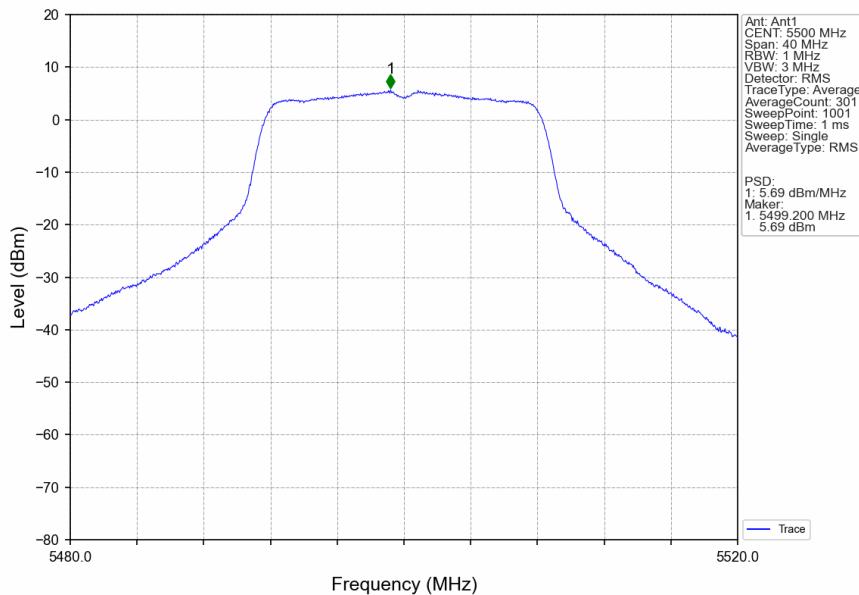
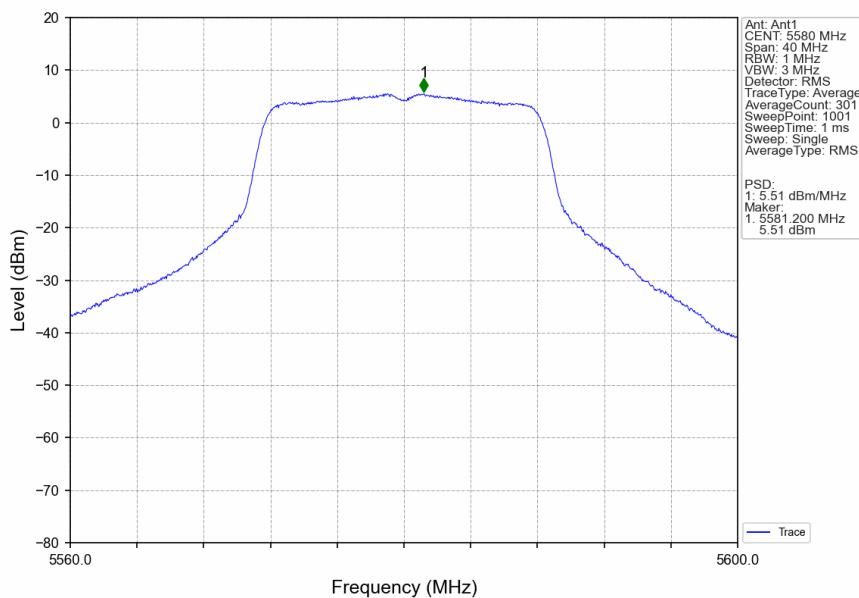
802.11a_MCH_5300MHz_Ant1_NTNV**802.11a_HCH_5320MHz_Ant1_NTNV**

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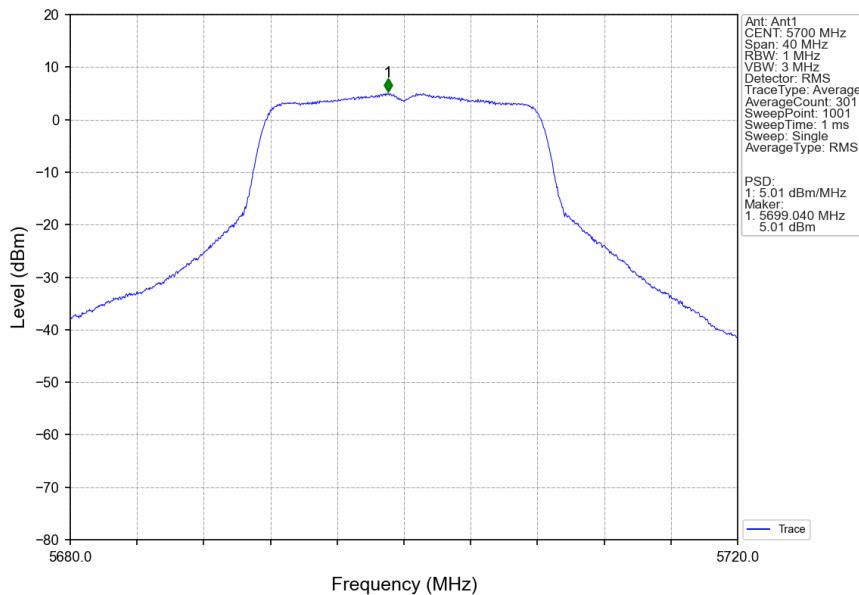
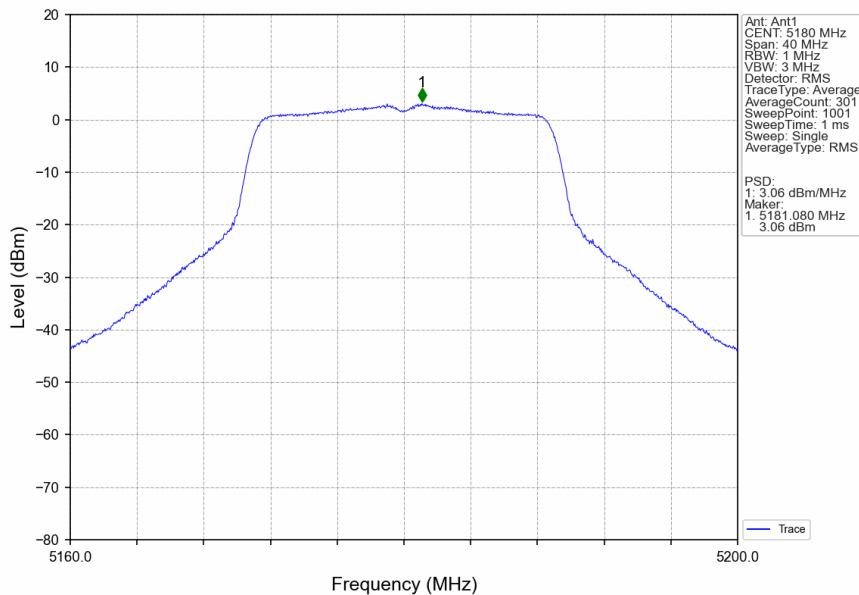
802.11a_LCH_5500MHz_Ant1_NTNV**802.11a_MCH_5580MHz_Ant1_NTNV**

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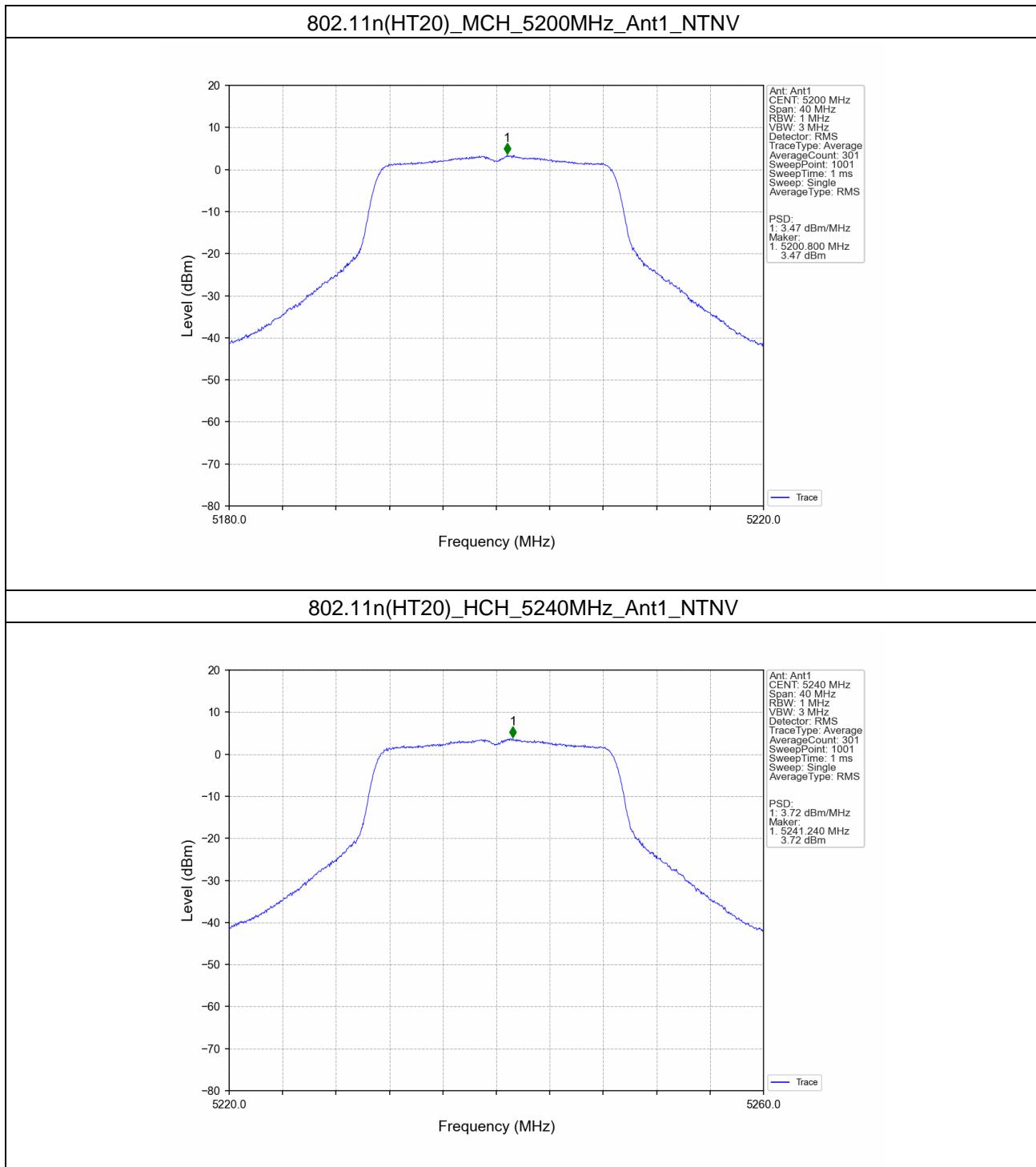


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802.11a_HCH_5700MHz_Ant1_NTNV**802.11n(HT20)_LCH_5180MHz_Ant1_NTNV**

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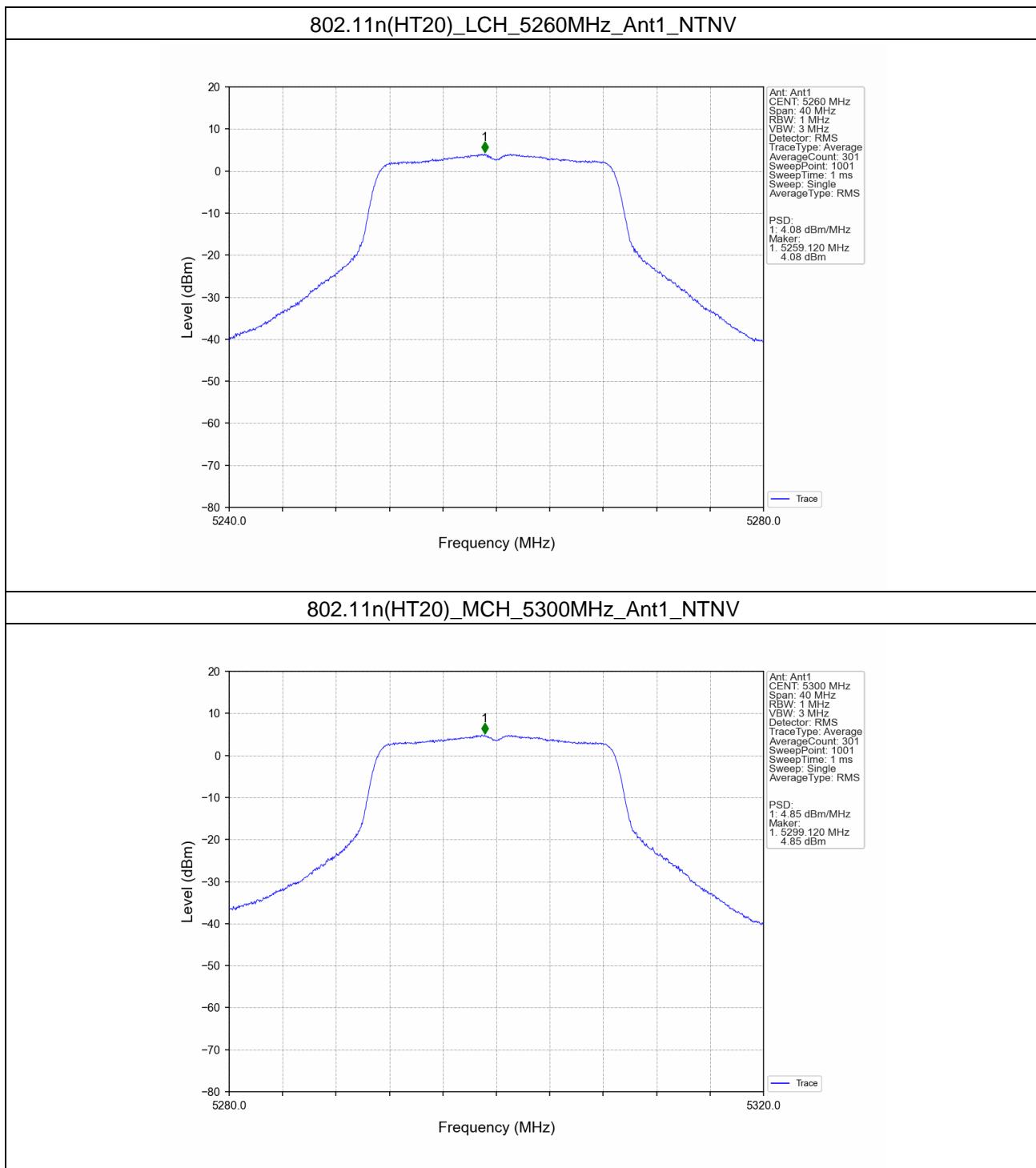


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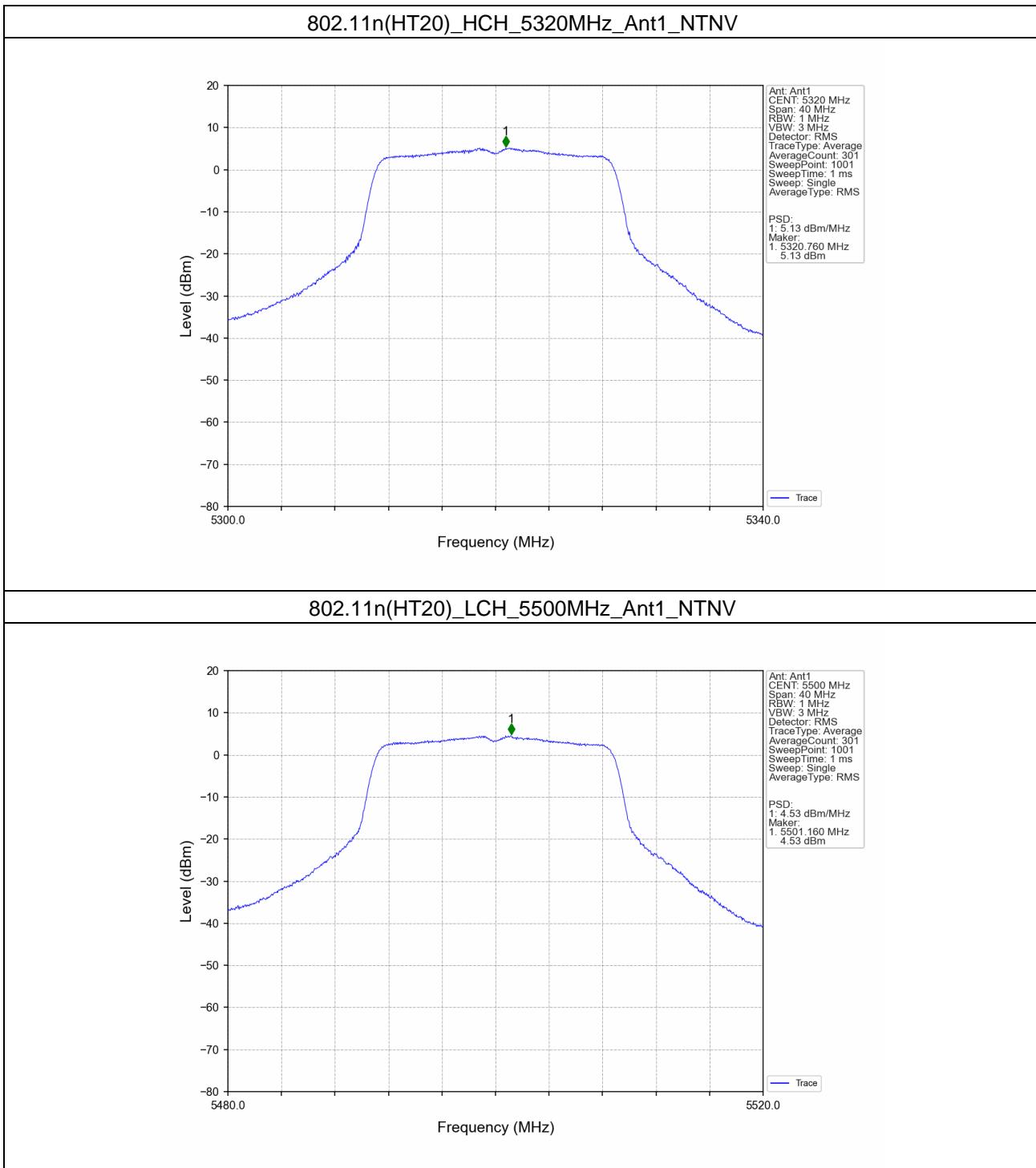
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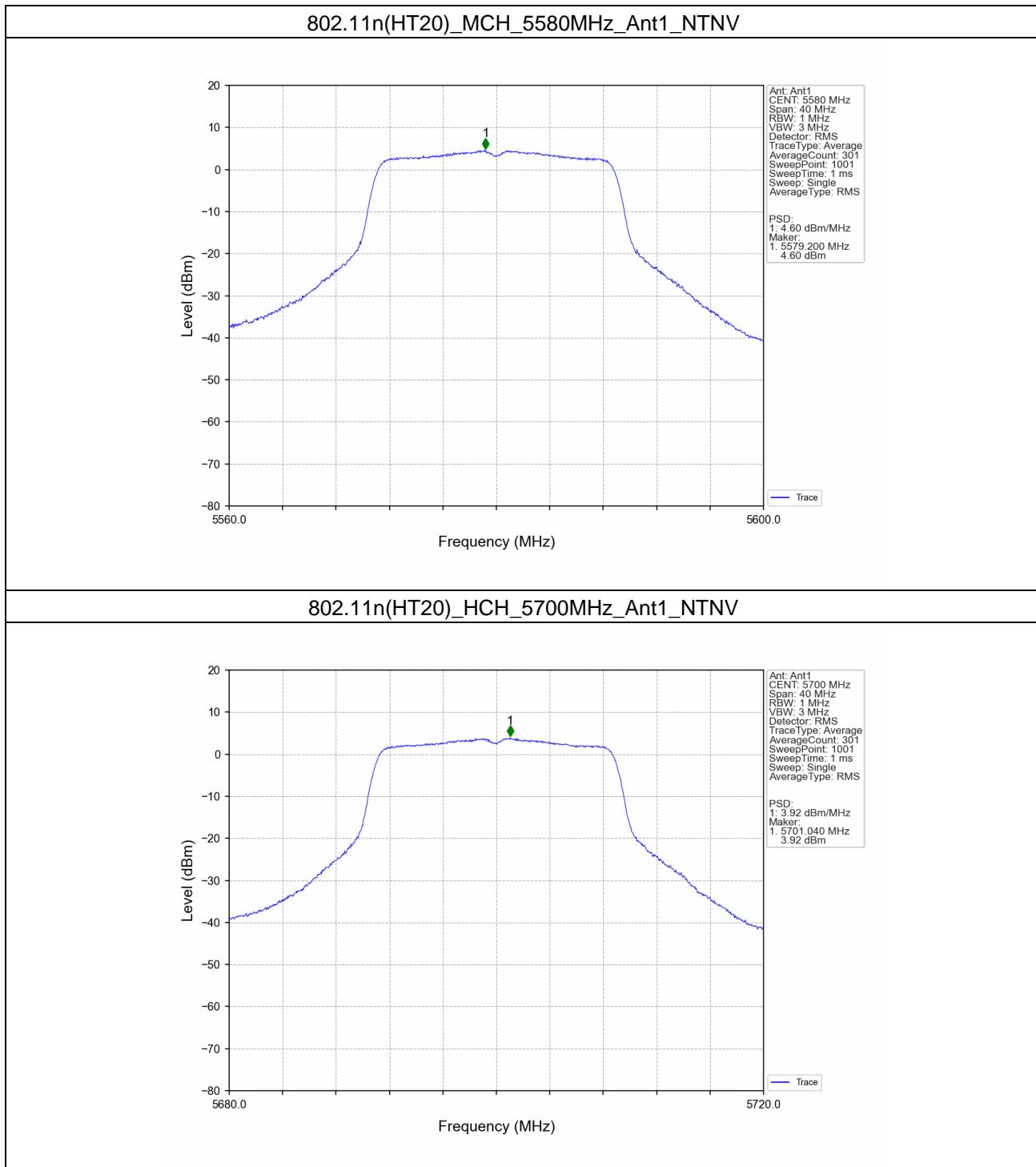
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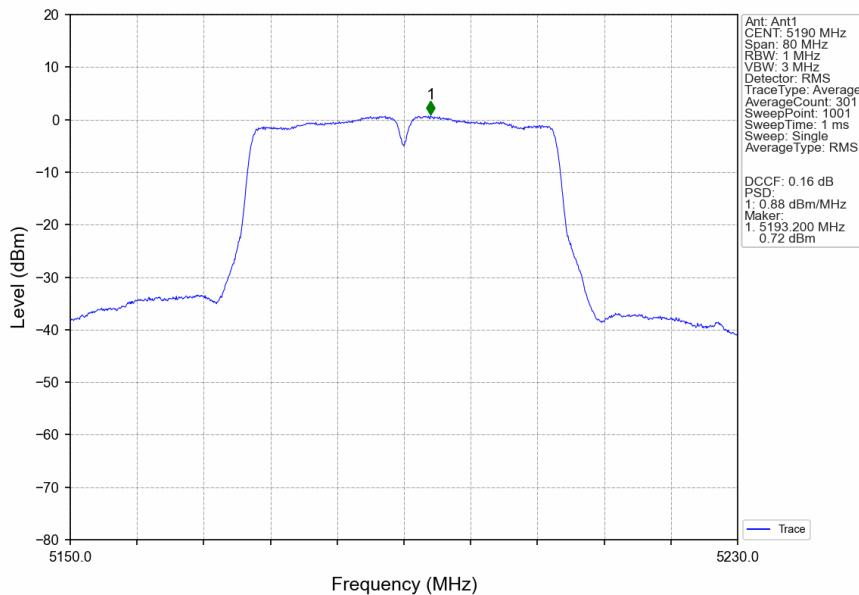
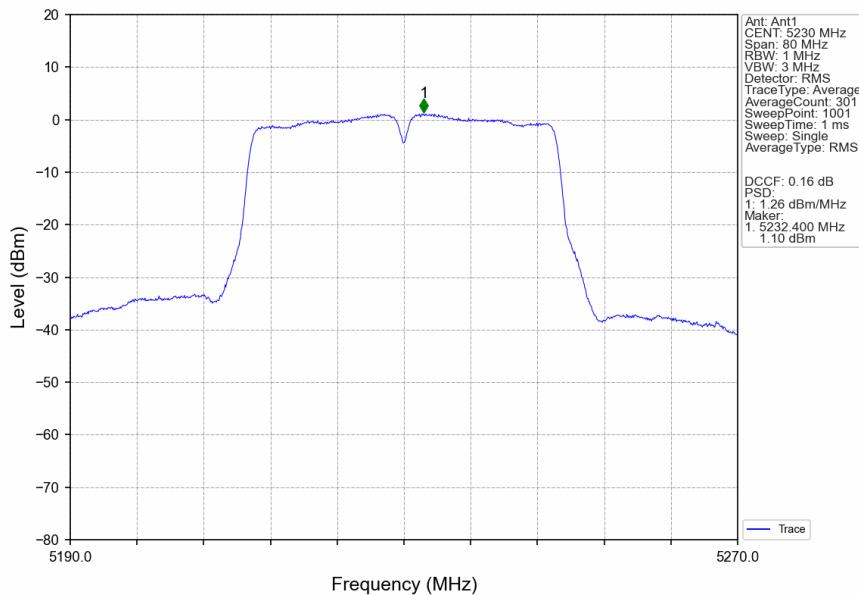


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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV**802.11n(HT40)_HCH_5230MHz_Ant1_NTNV**

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