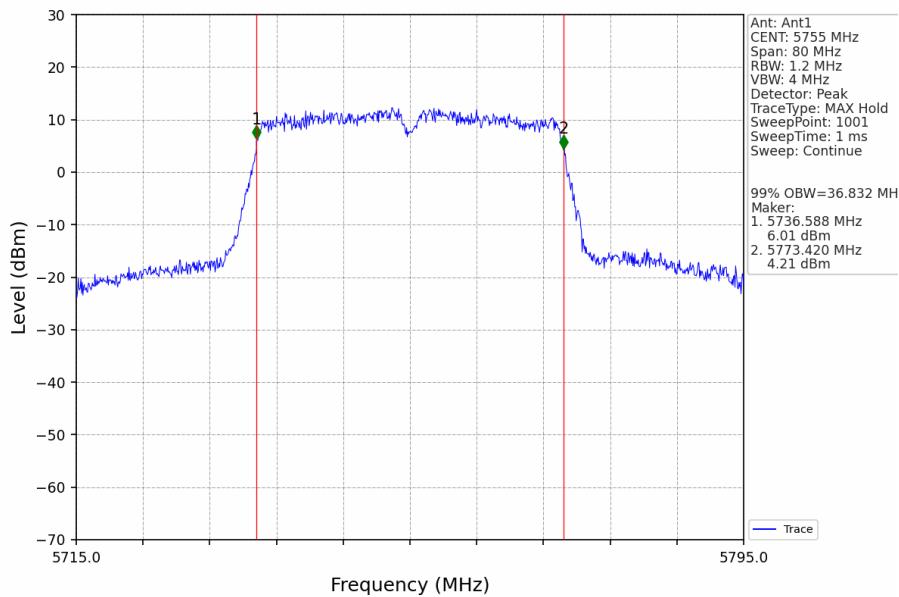
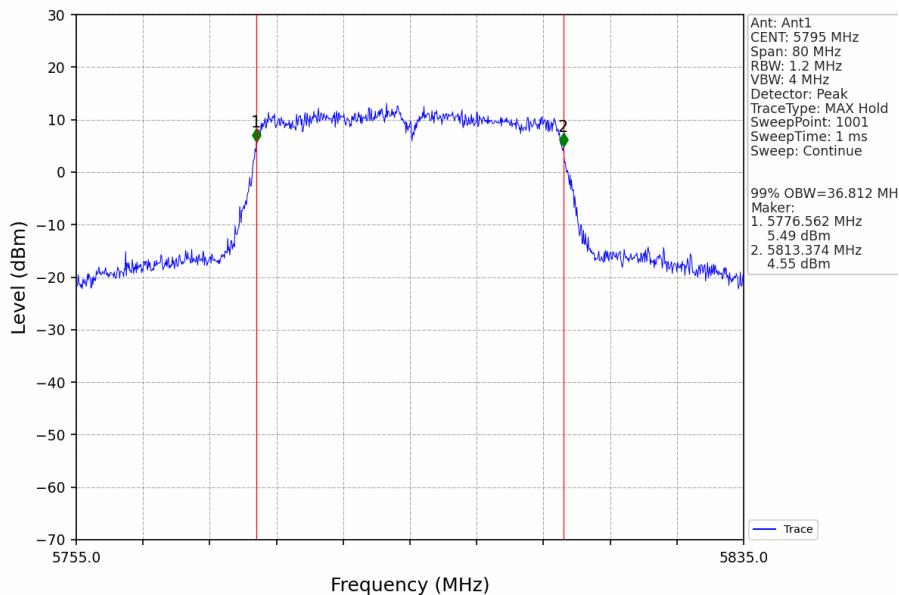


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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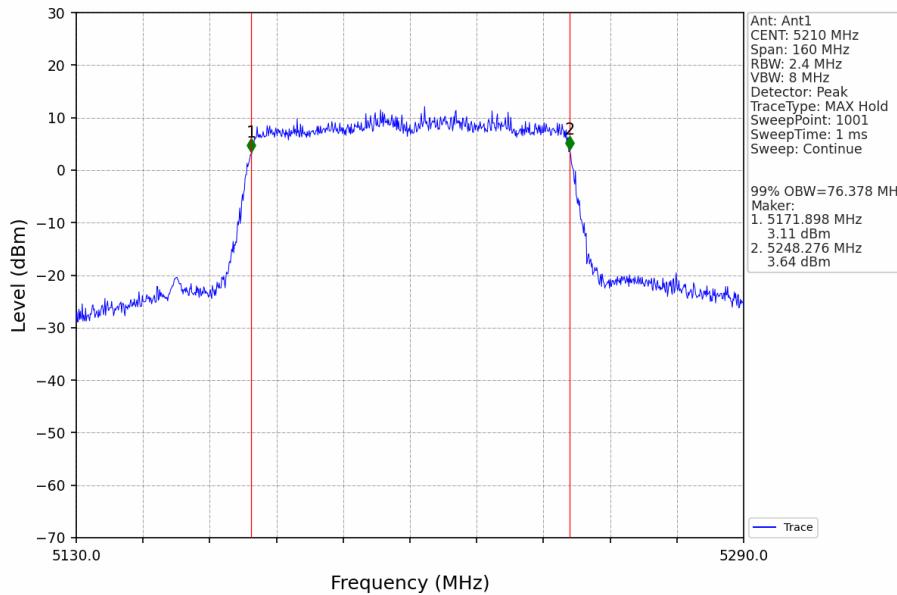
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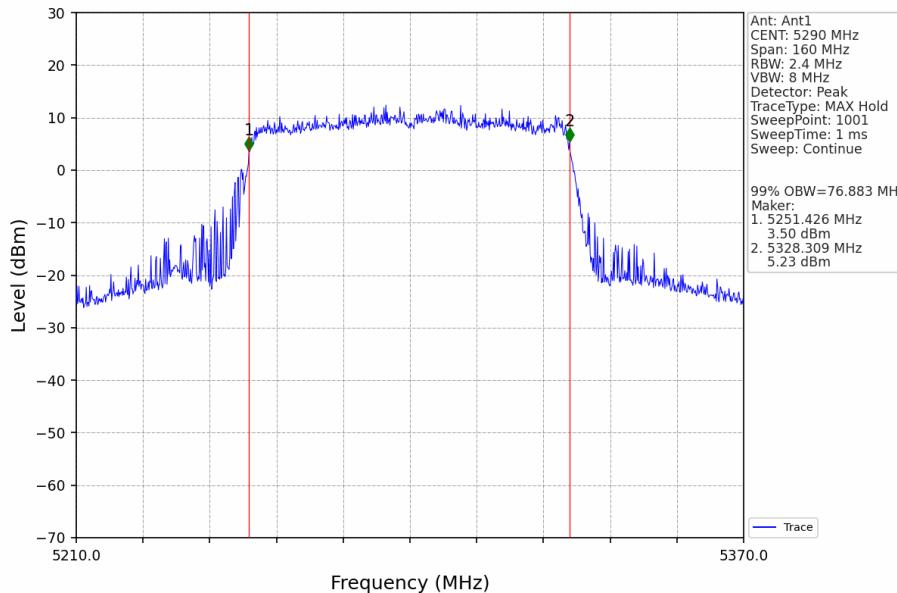
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



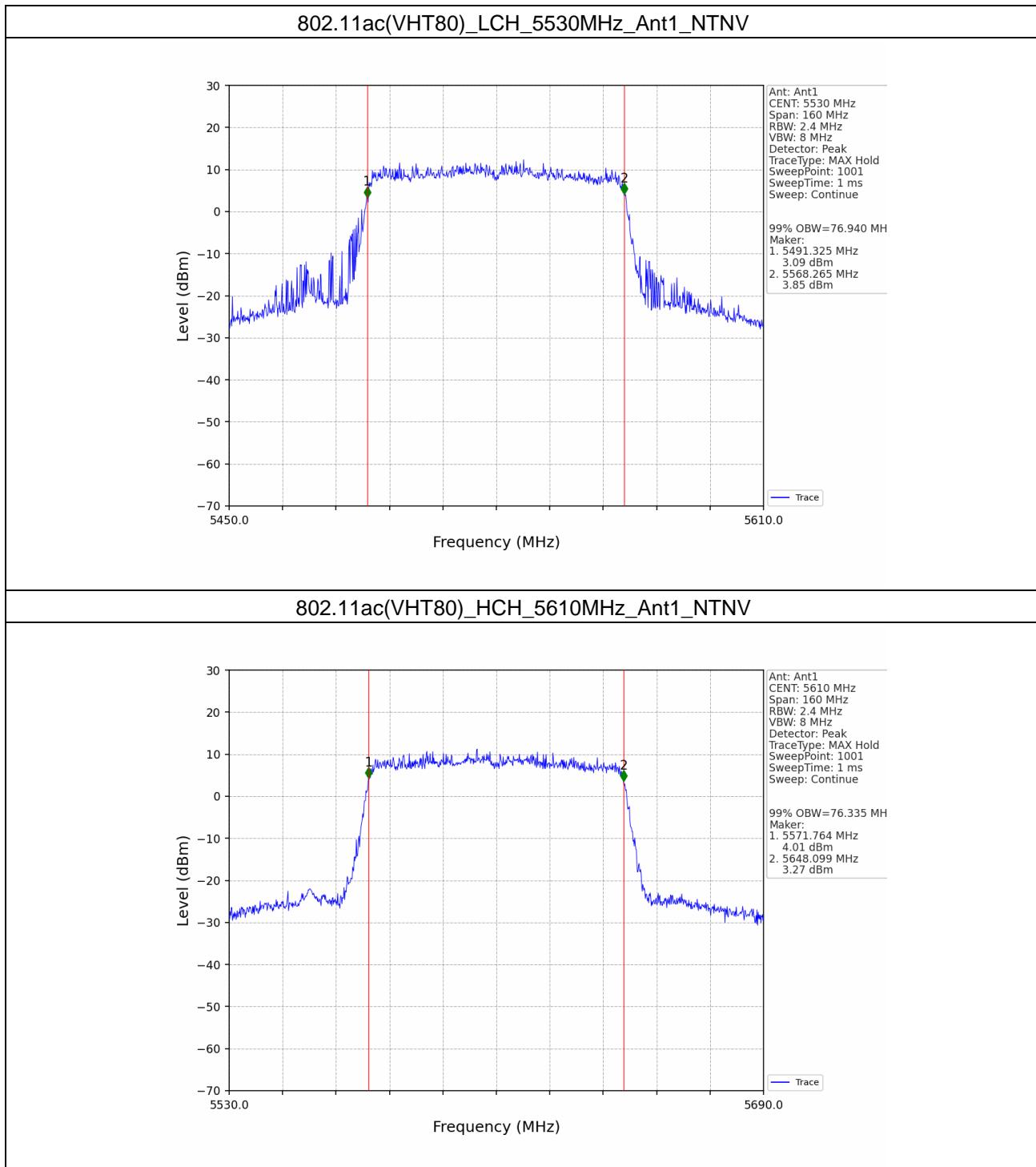
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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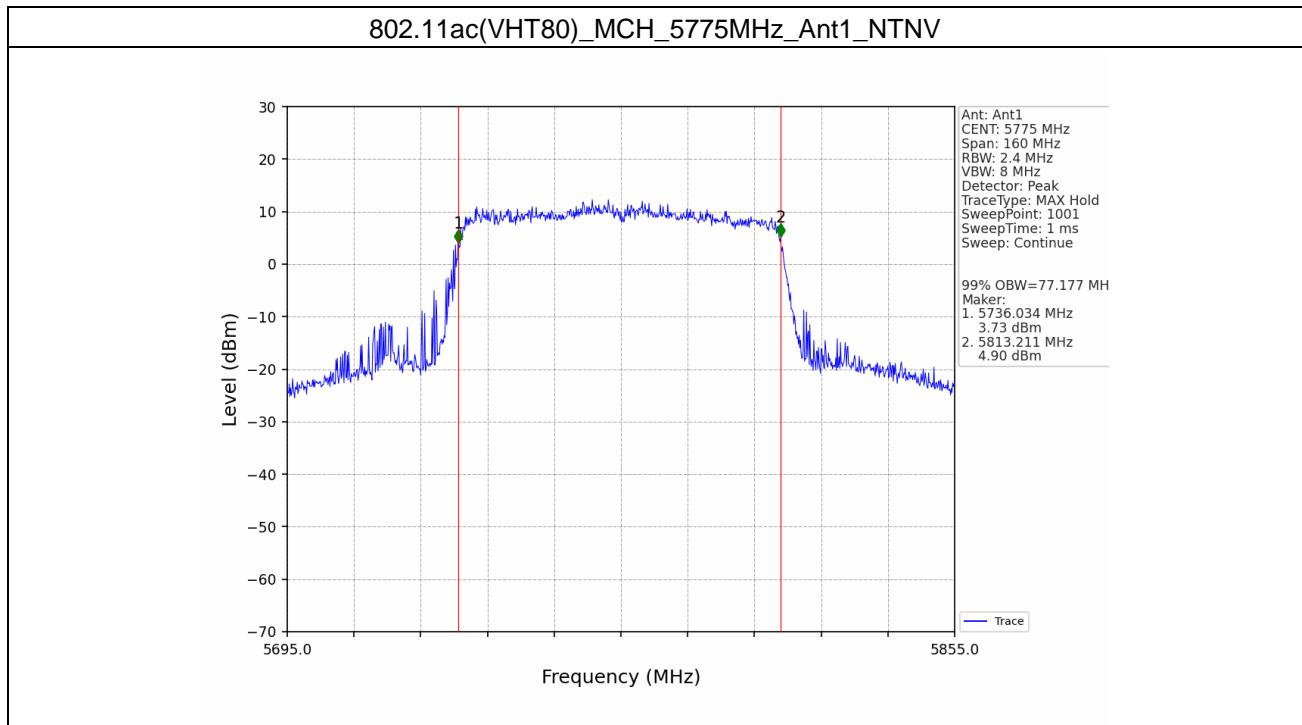
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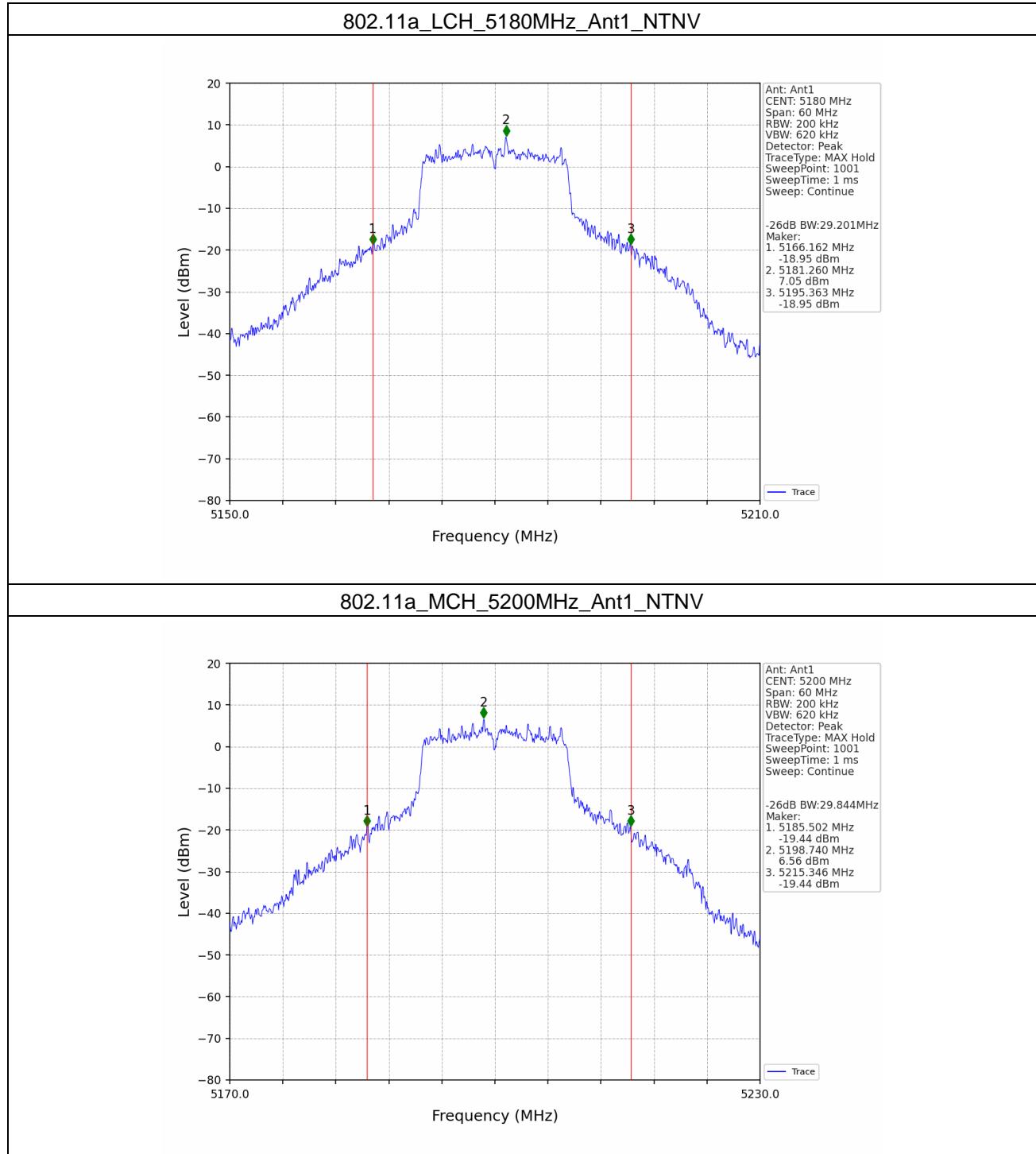




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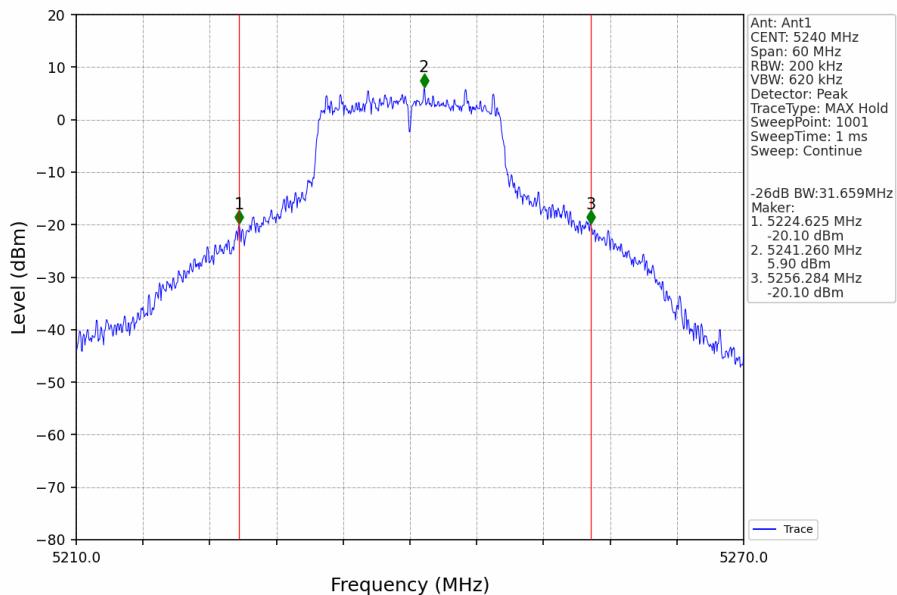


2.2.2 26dB BW

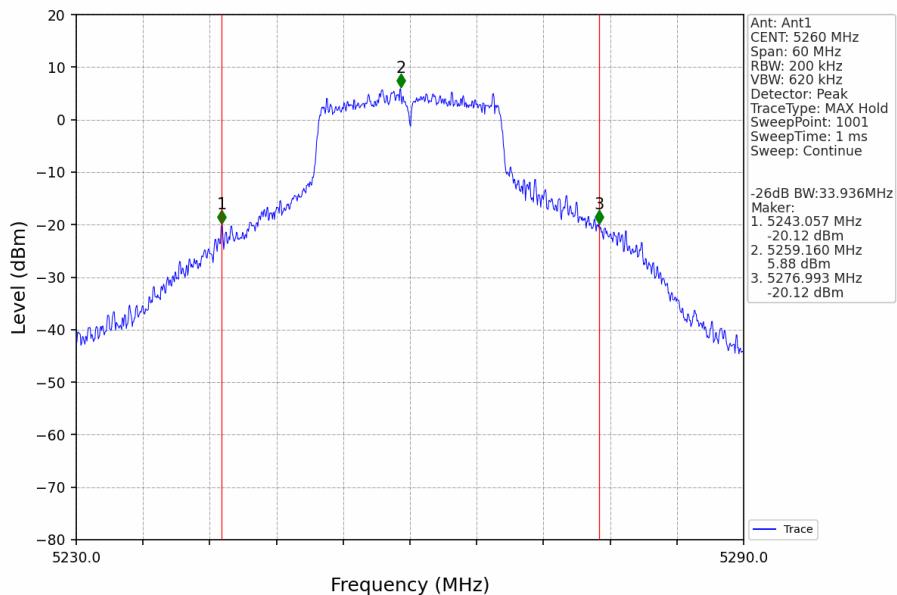
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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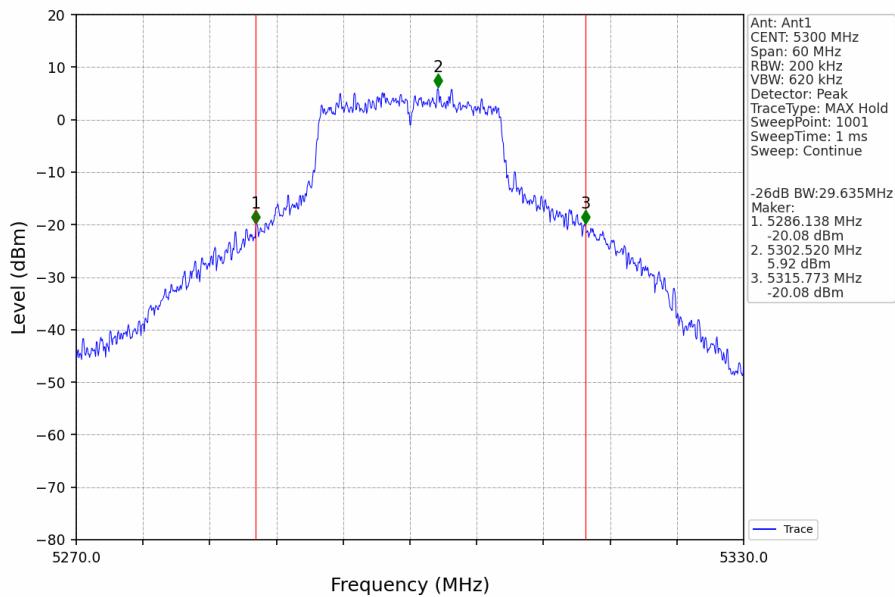


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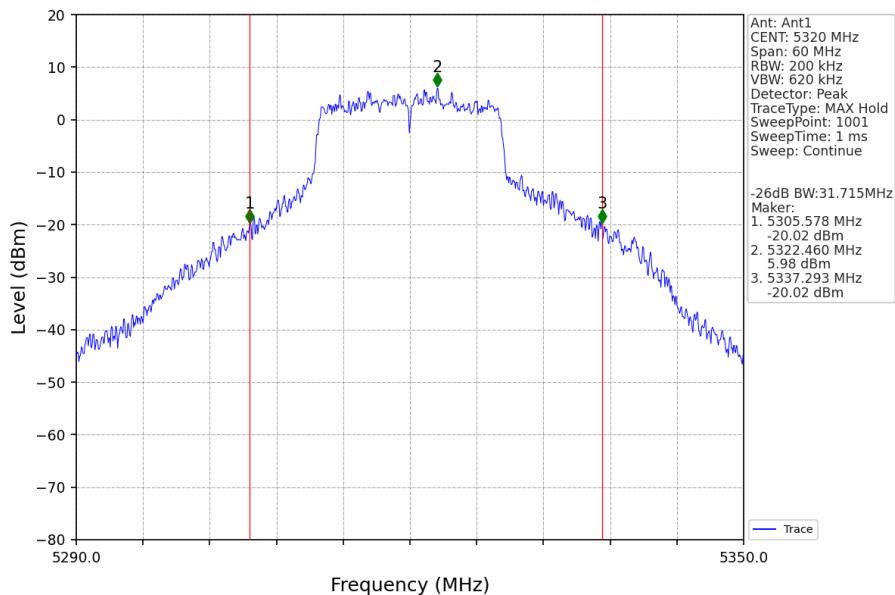
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802.11a_MCH_5300MHz_Ant1_NTNV



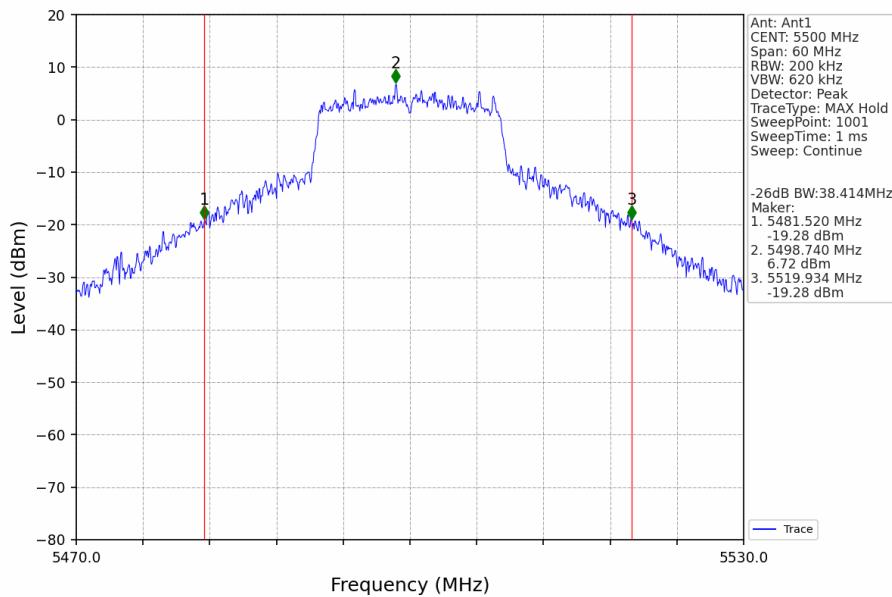
802.11a_HCH_5320MHz_Ant1_NTNV



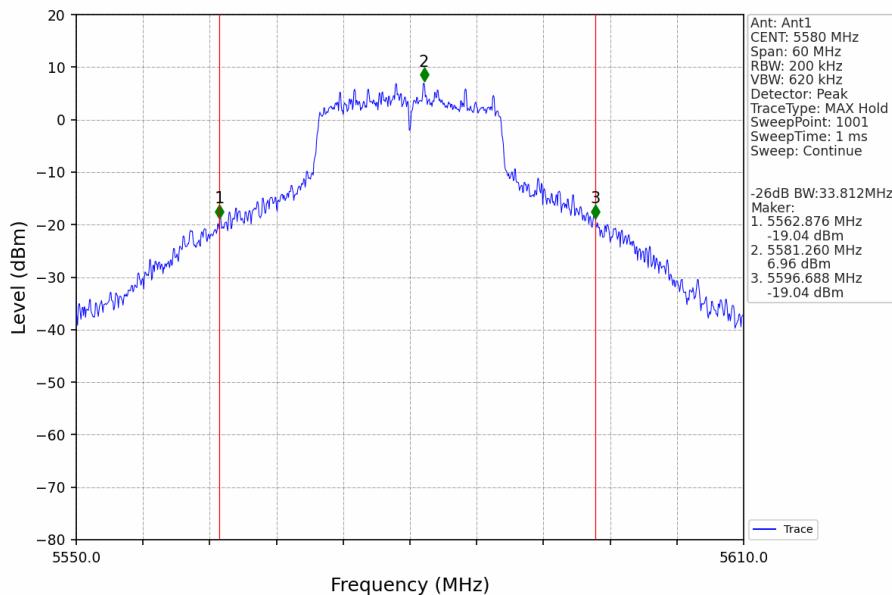
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802.11a_LCH_5500MHz_Ant1_NTNV



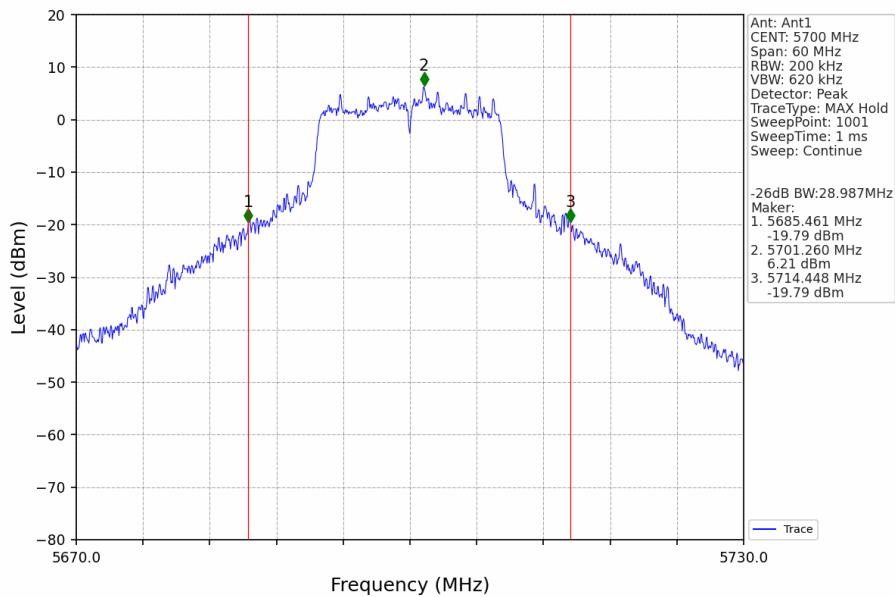
802.11a_MCH_5580MHz_Ant1_NTNV



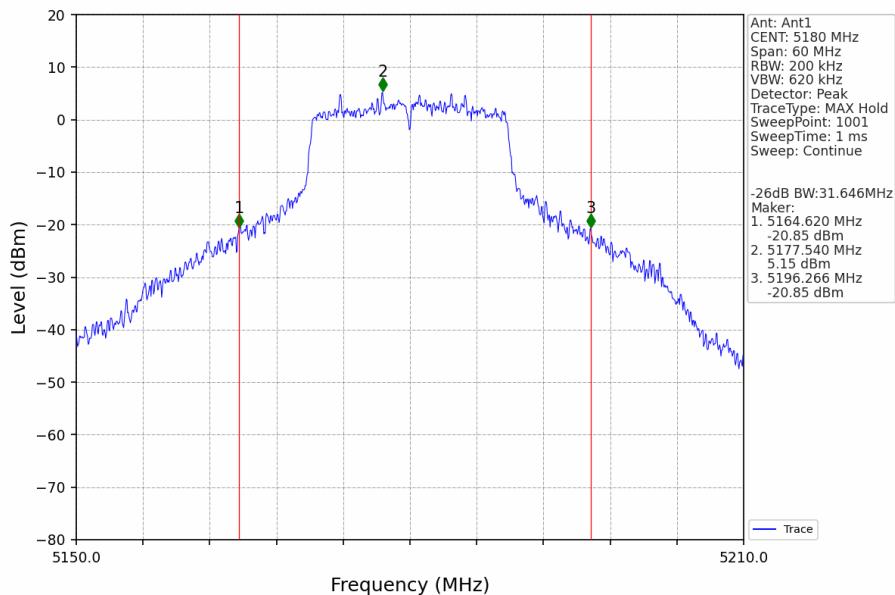
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802.11a_HCH_5700MHz_Ant1_NTNV



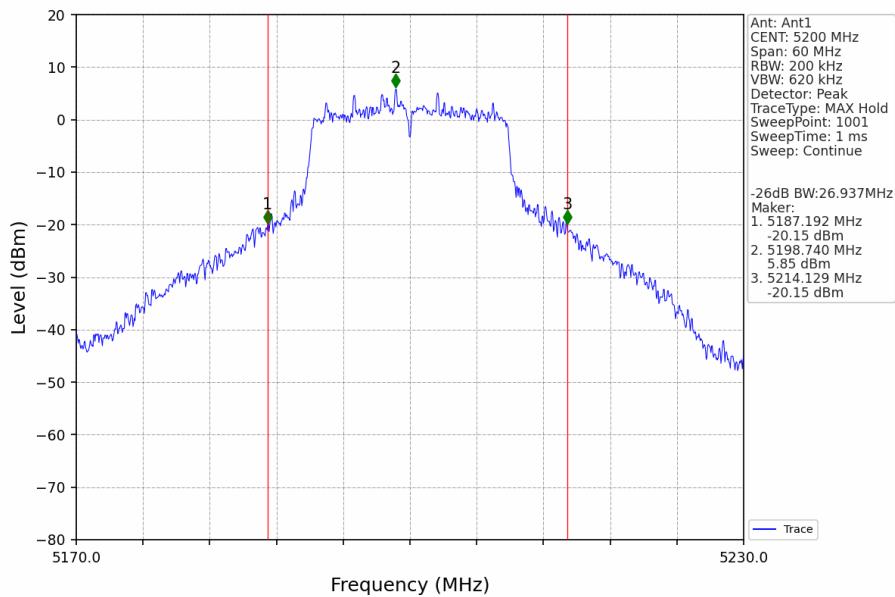
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



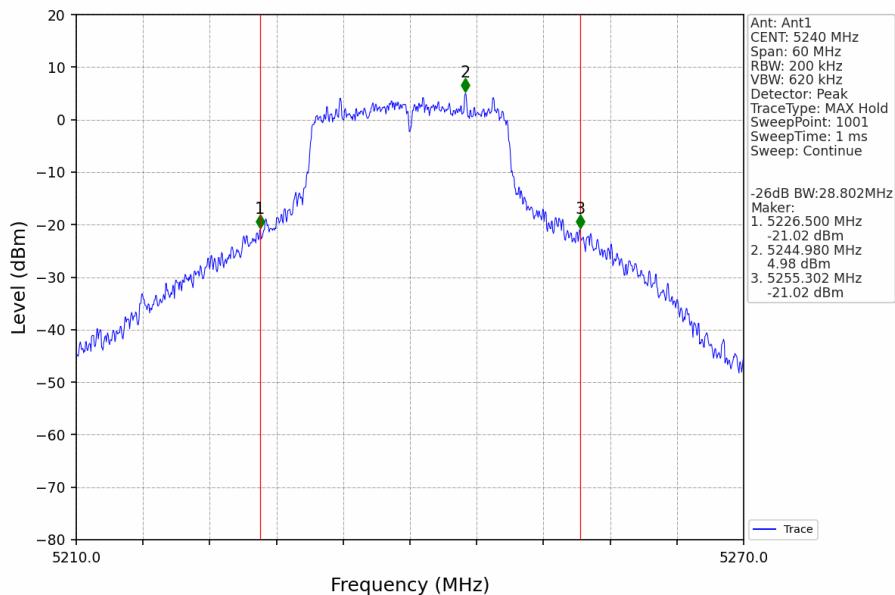
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



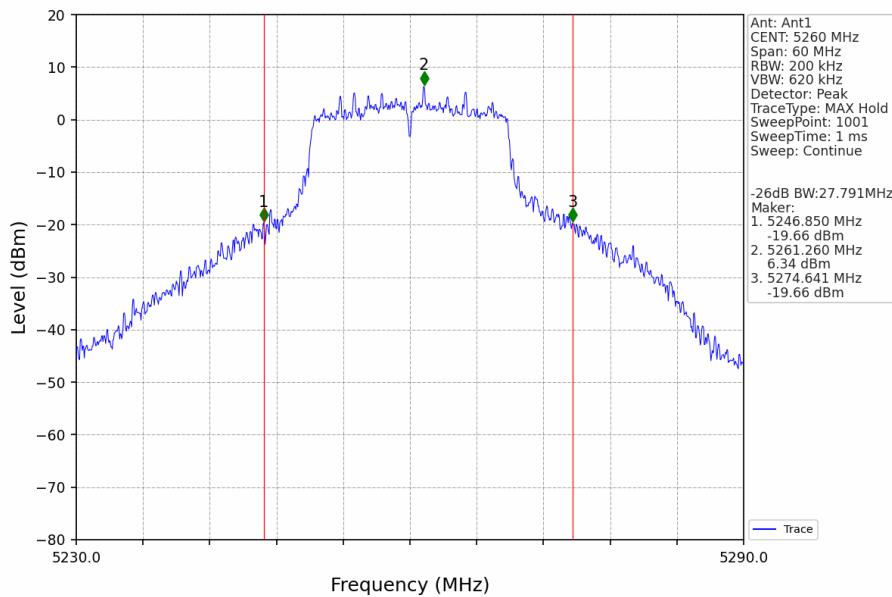
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



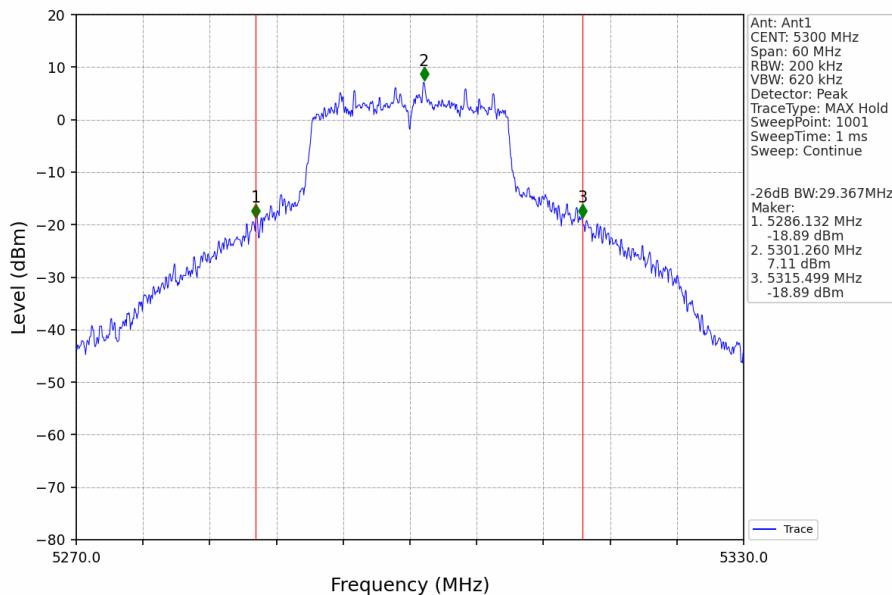
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

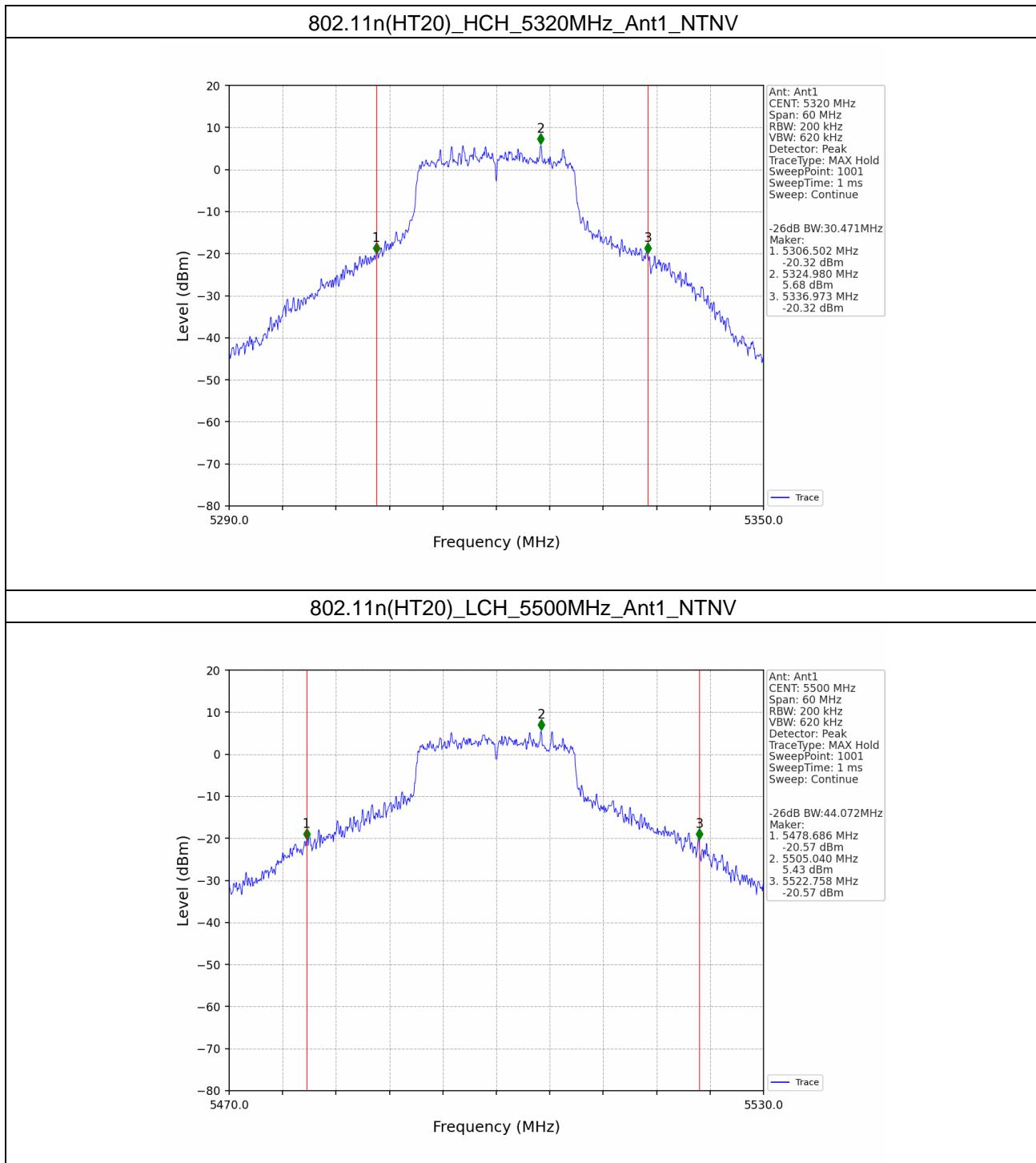


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



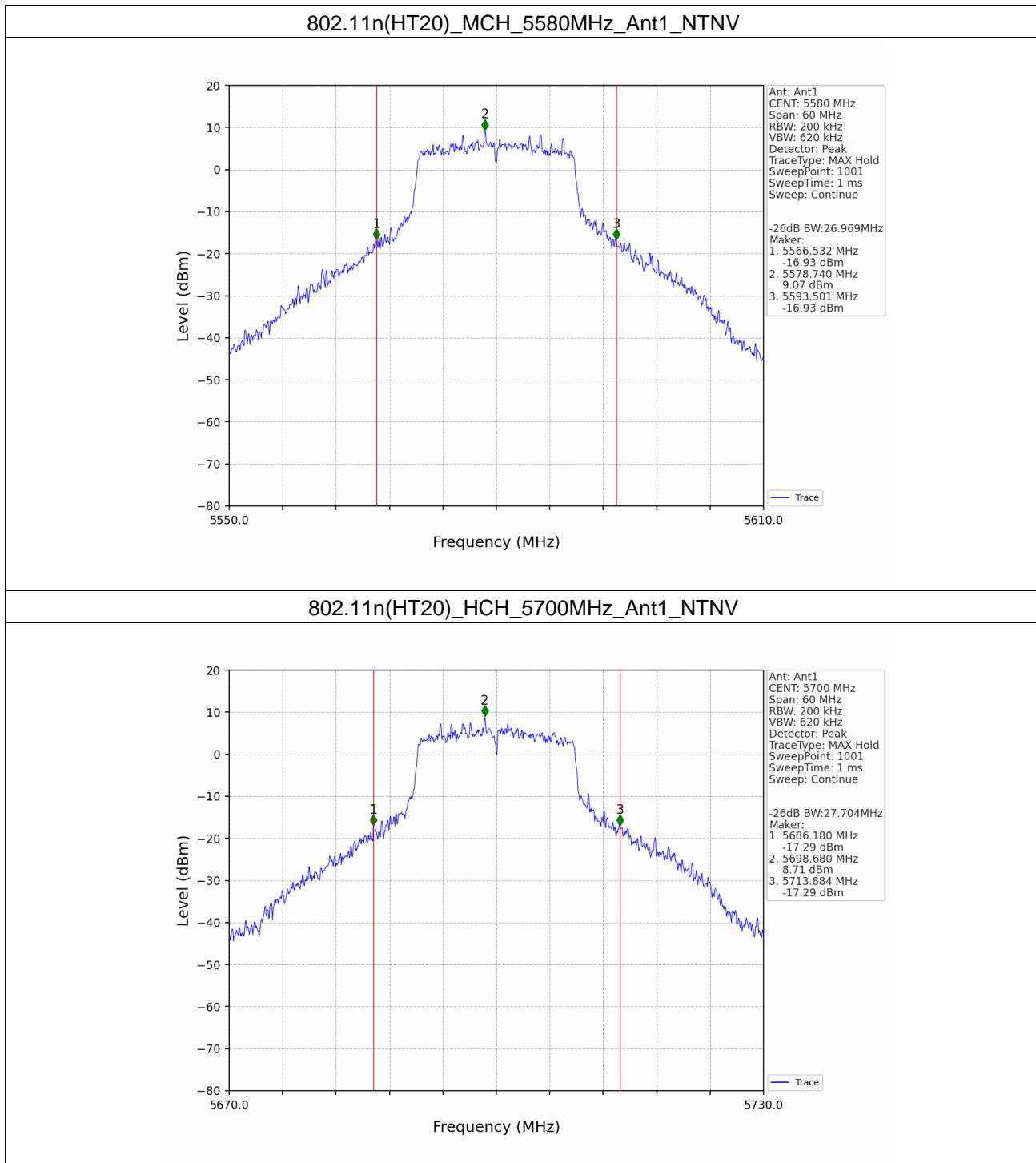
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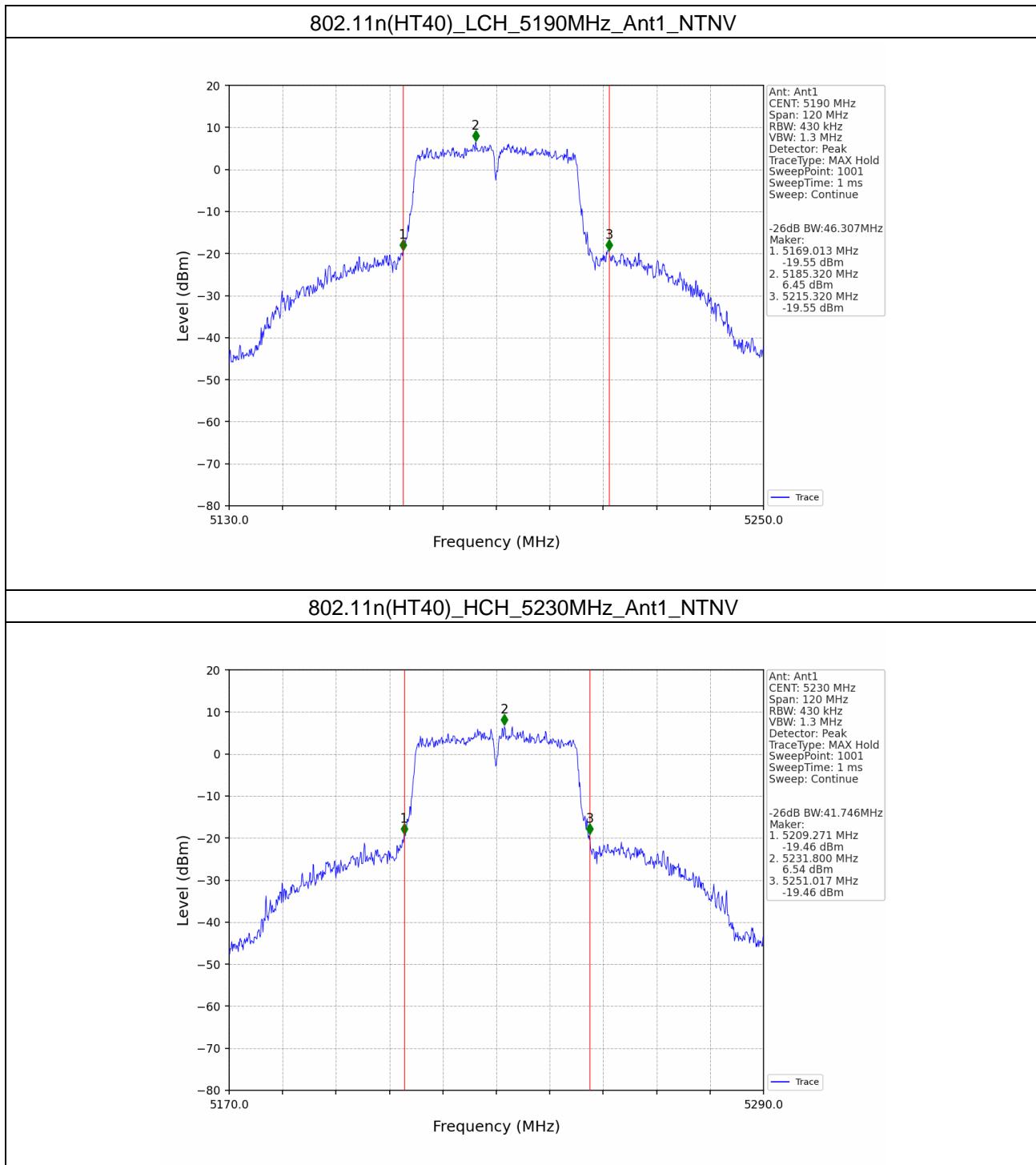
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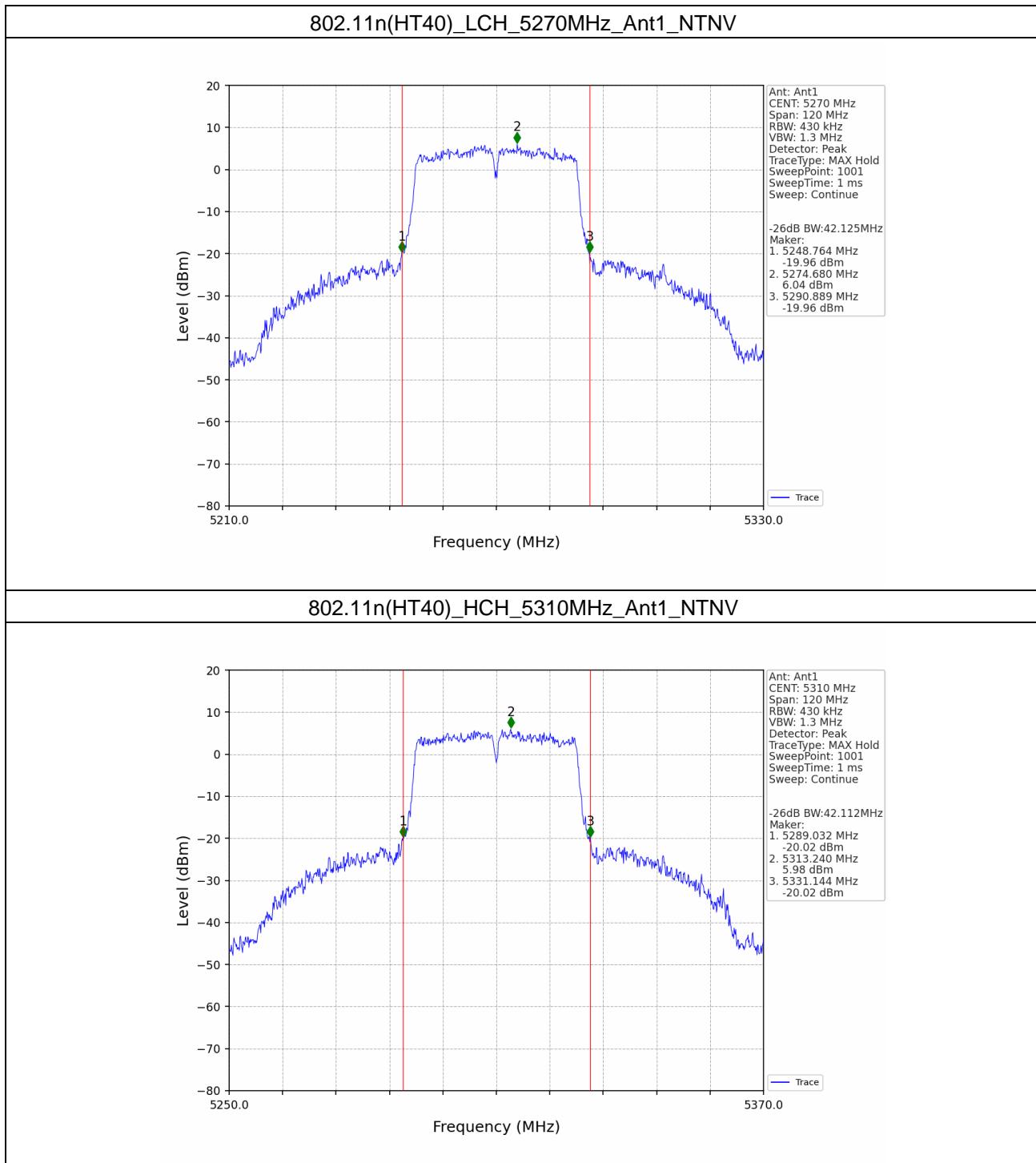
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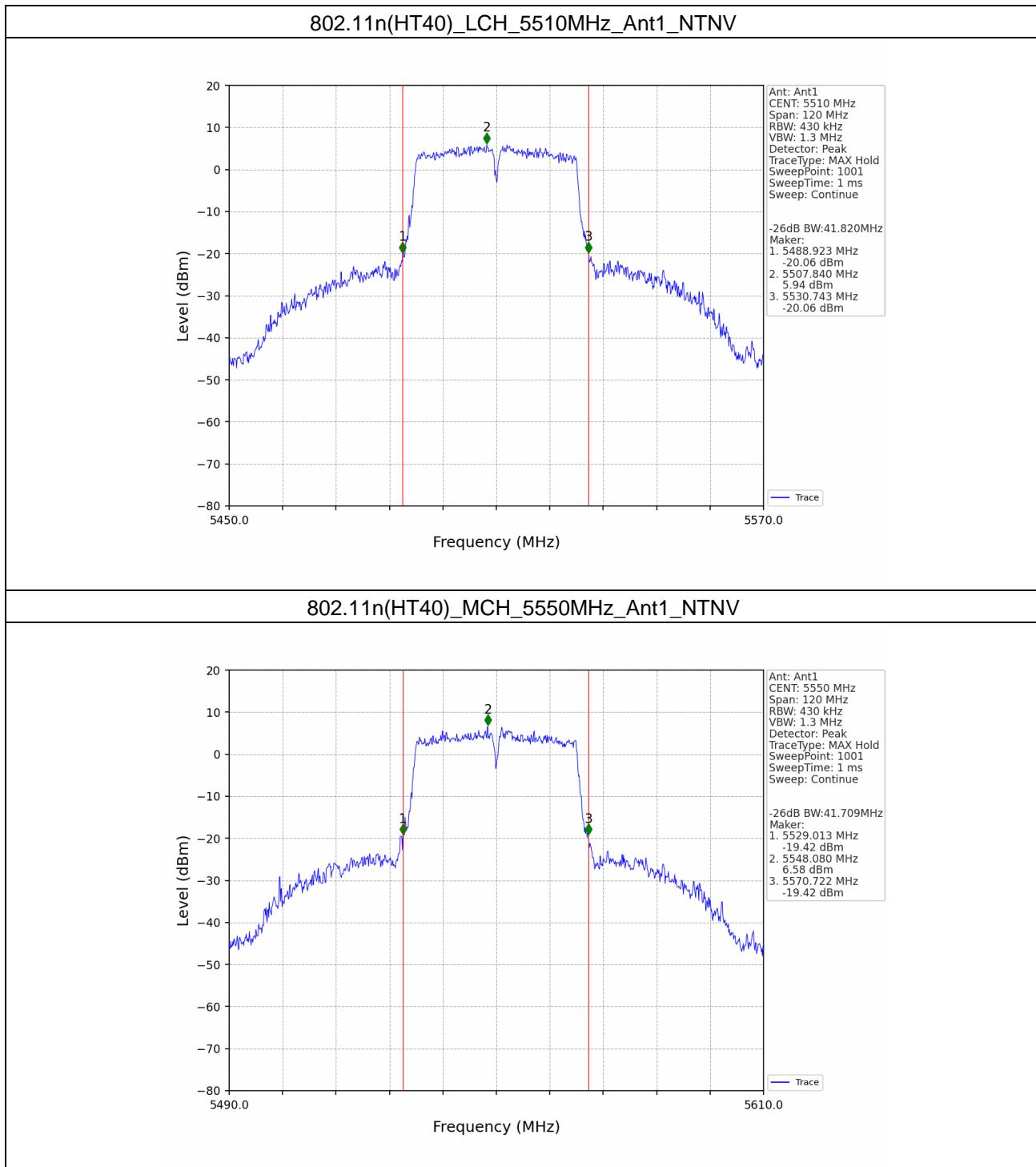
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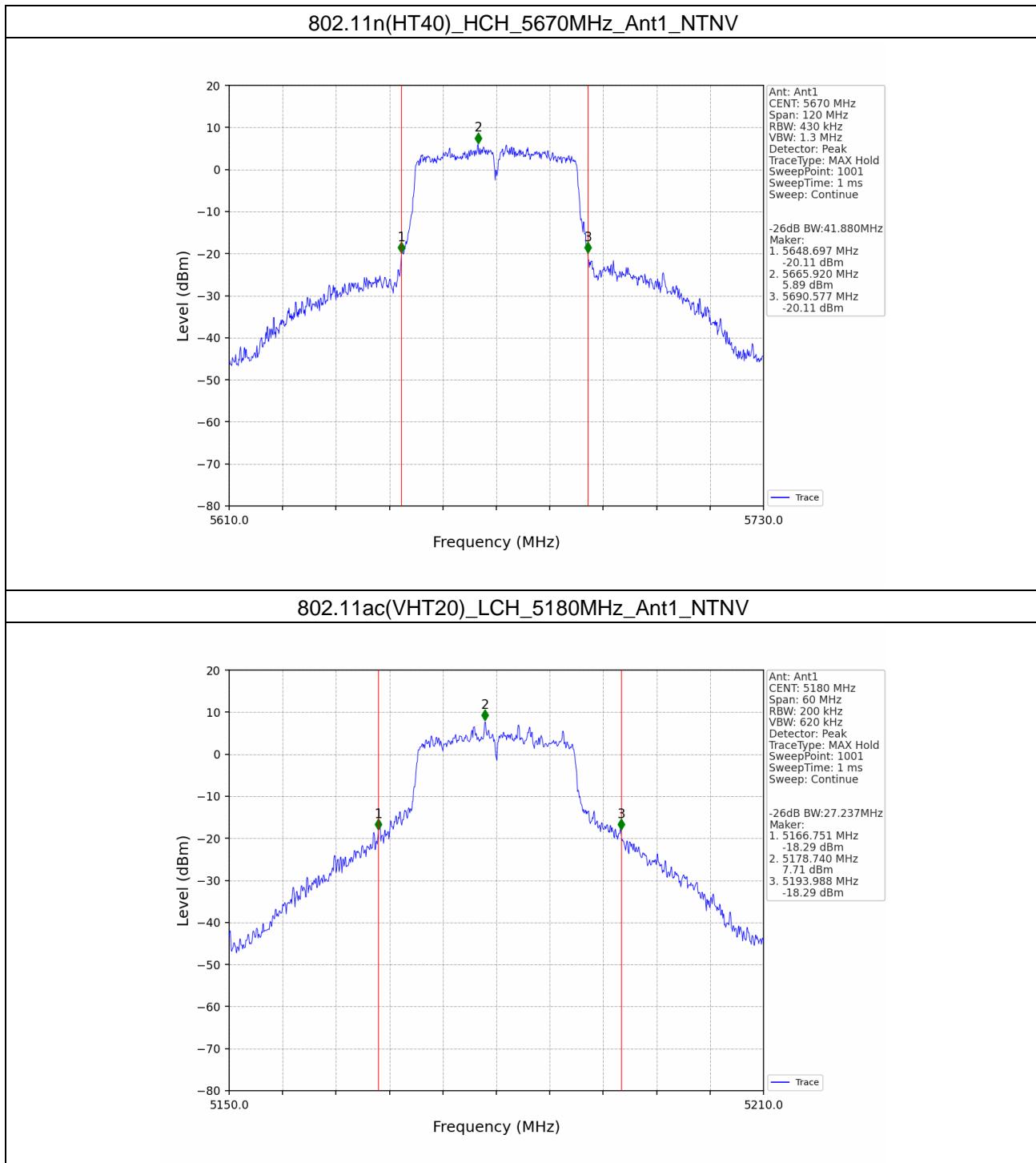
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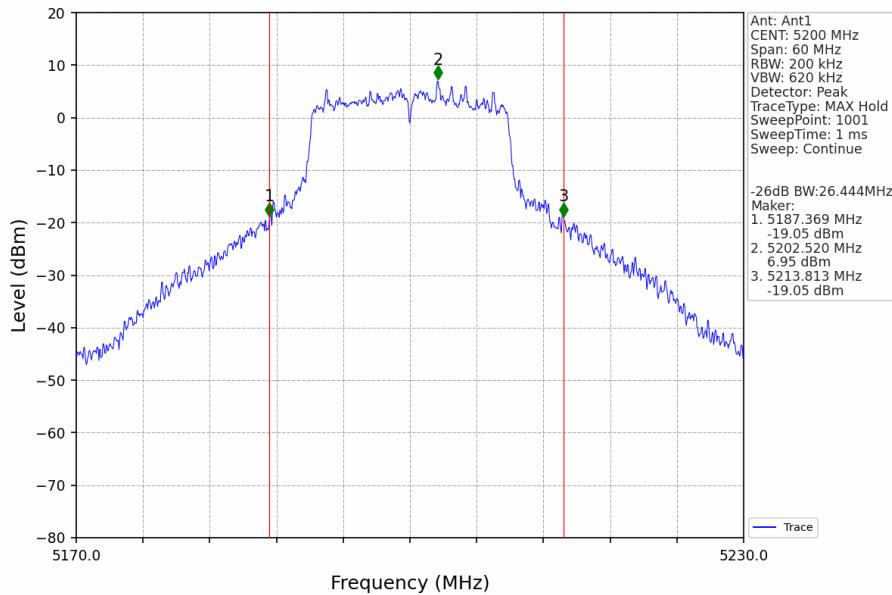
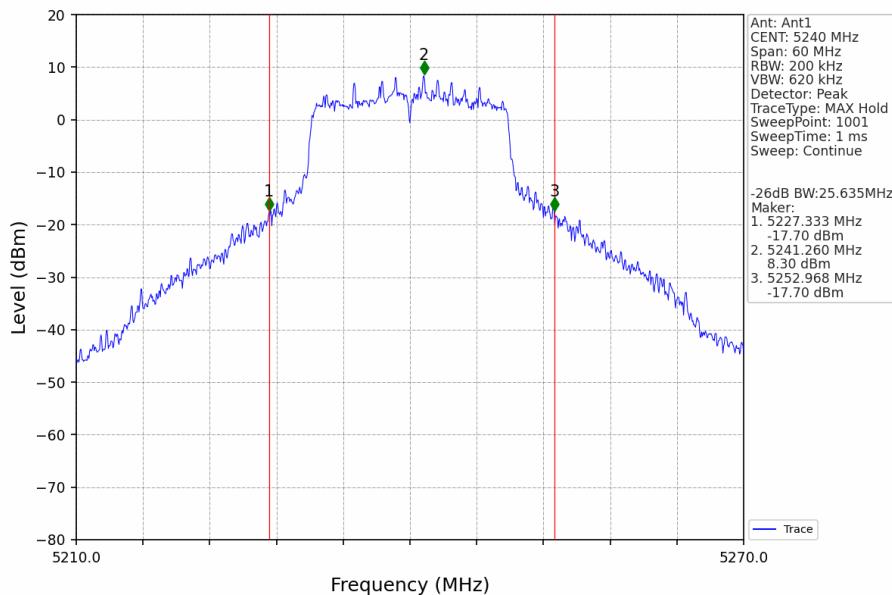
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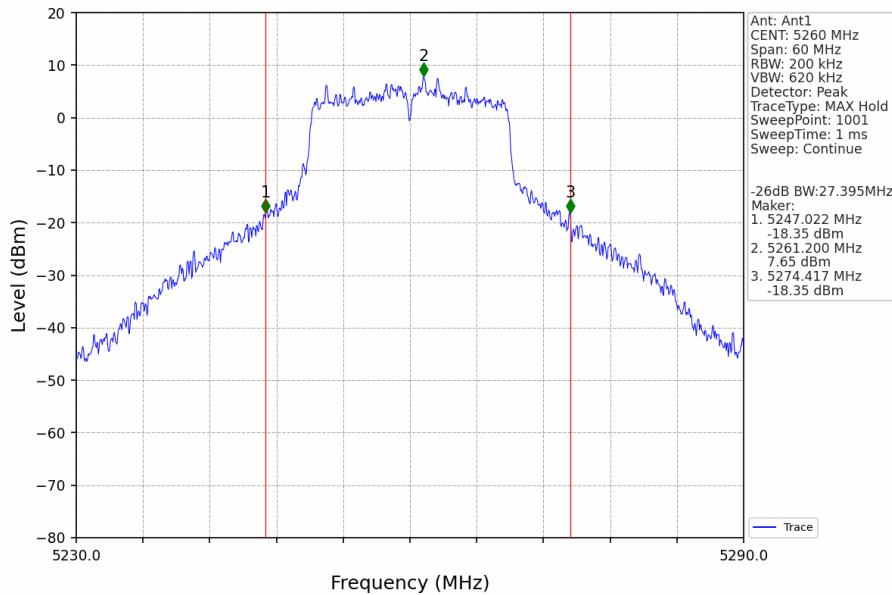
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV**802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV**

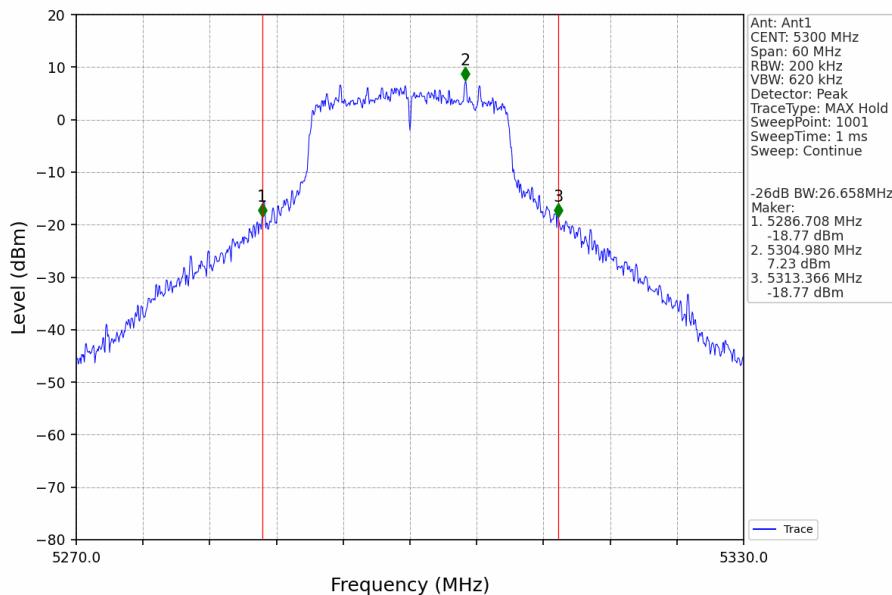
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



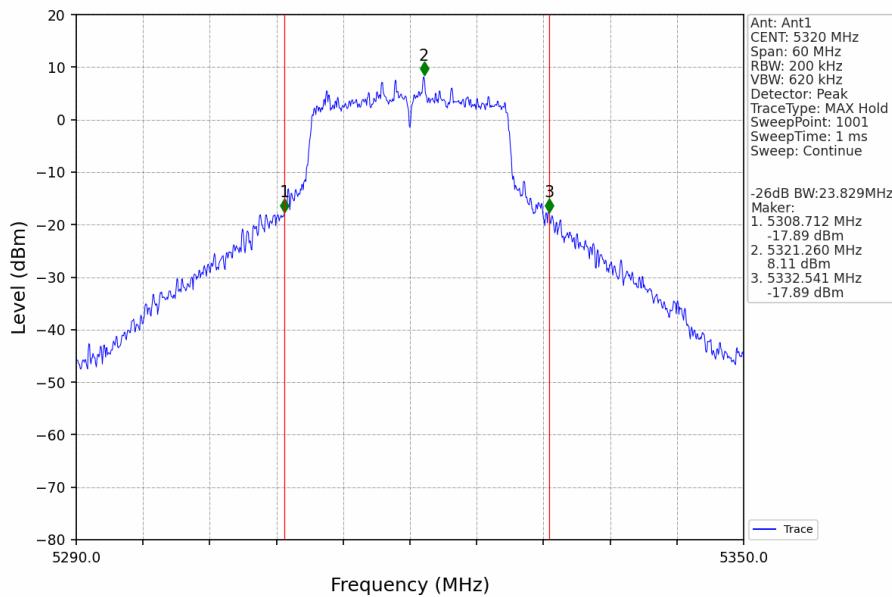
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



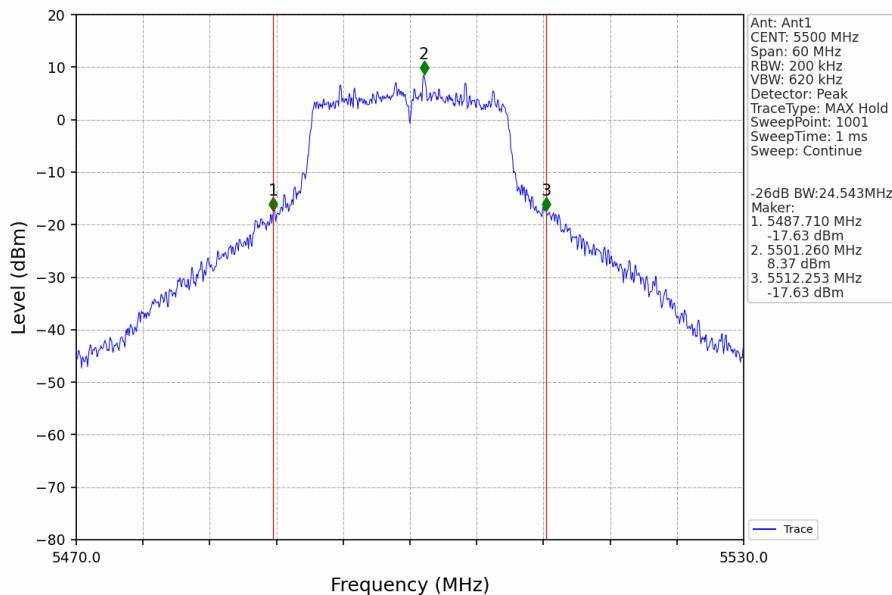
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV

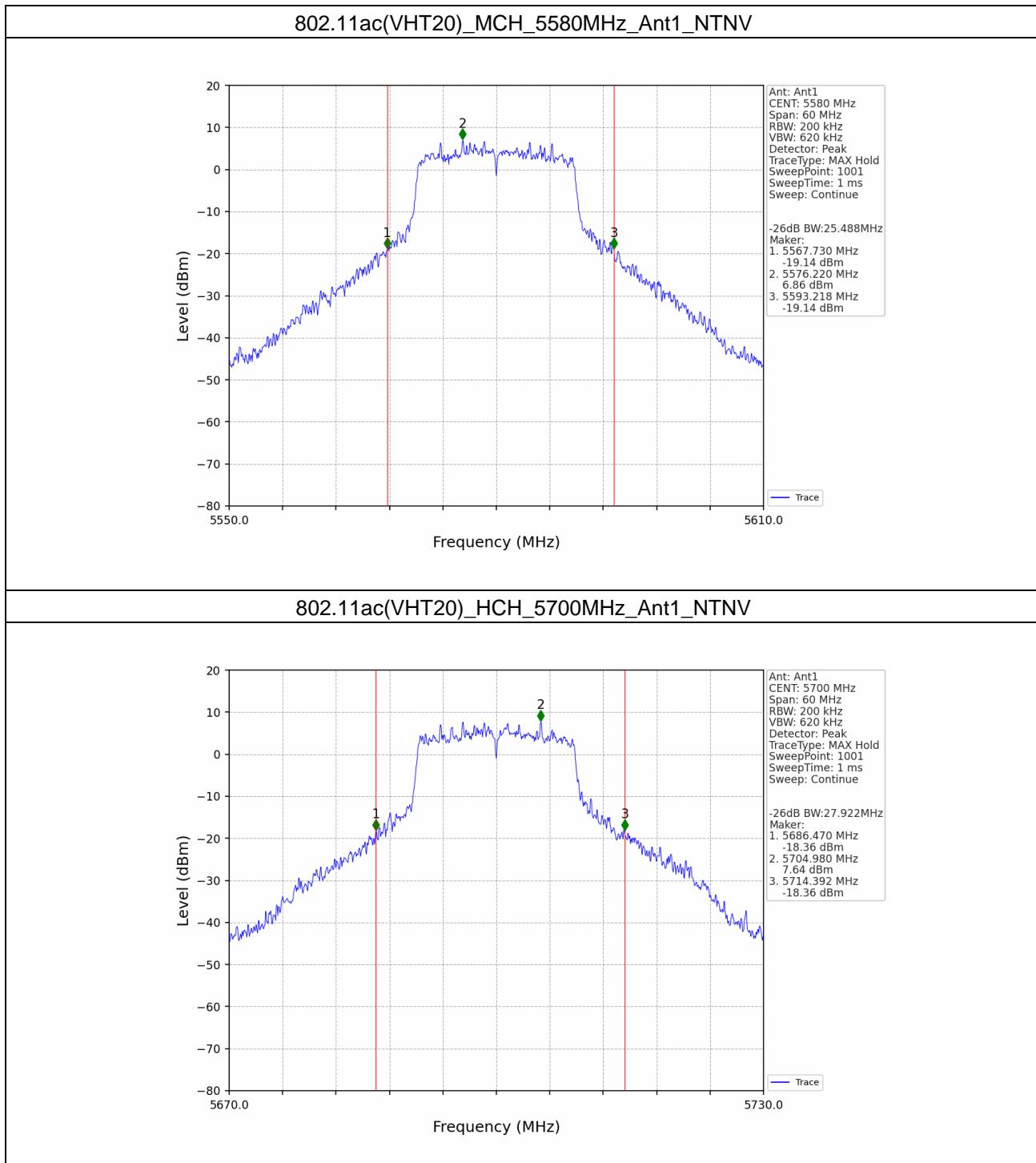


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



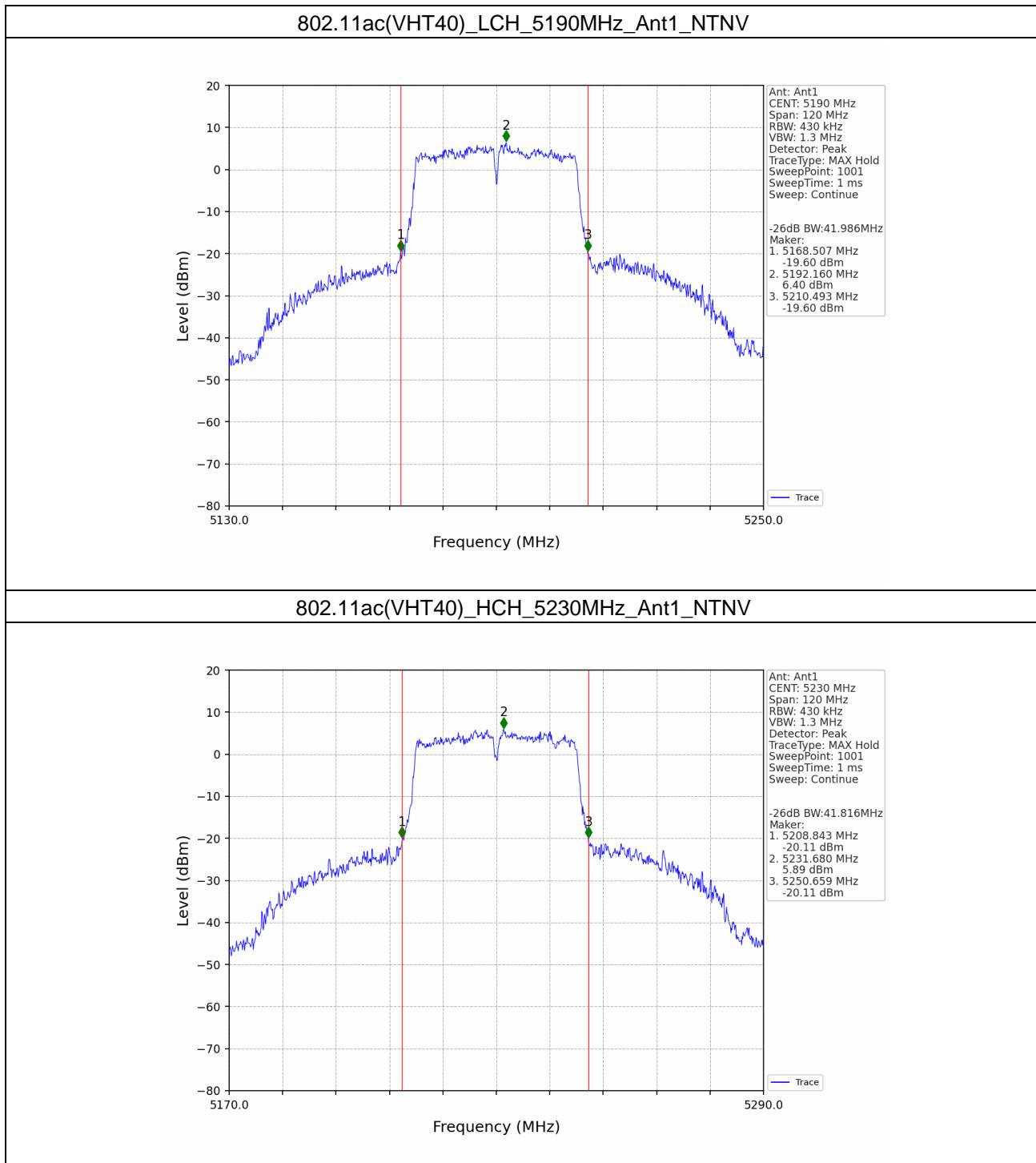
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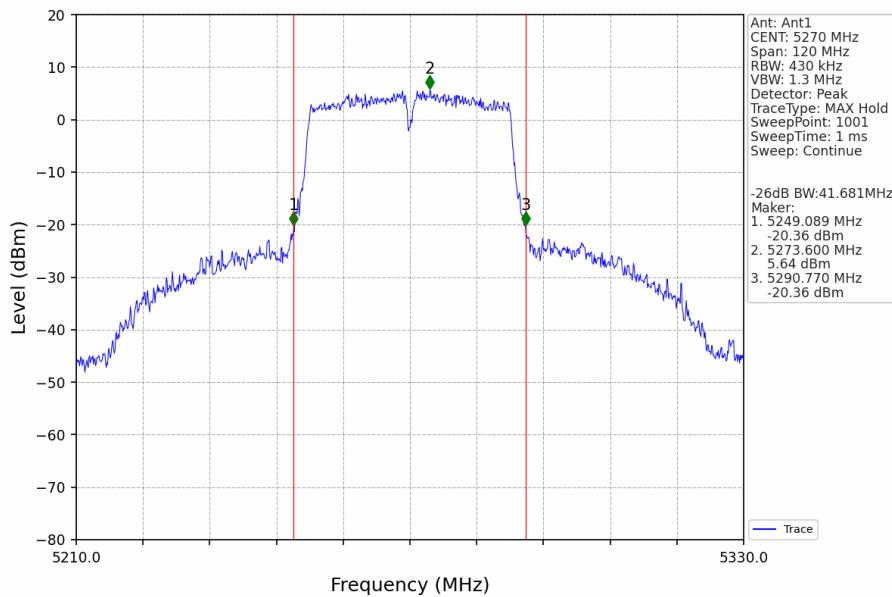


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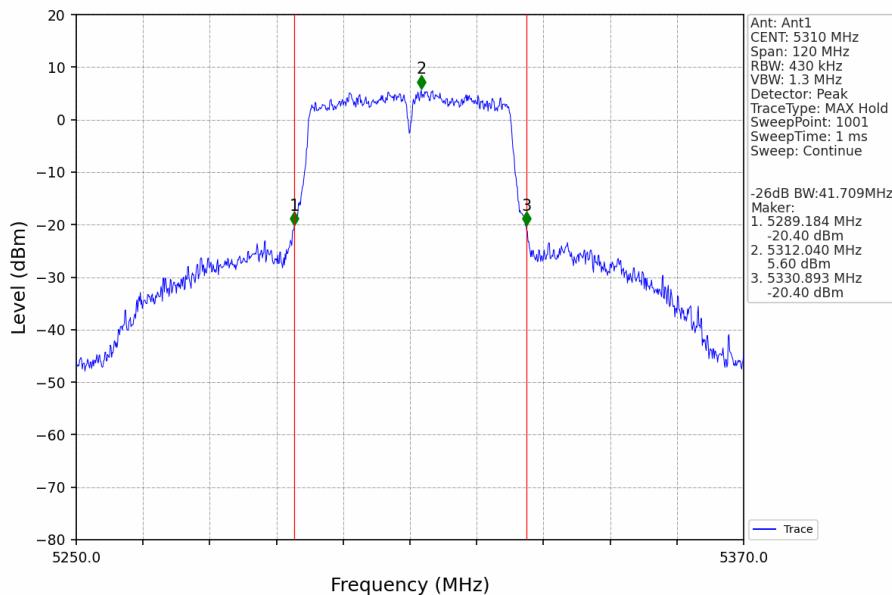
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV

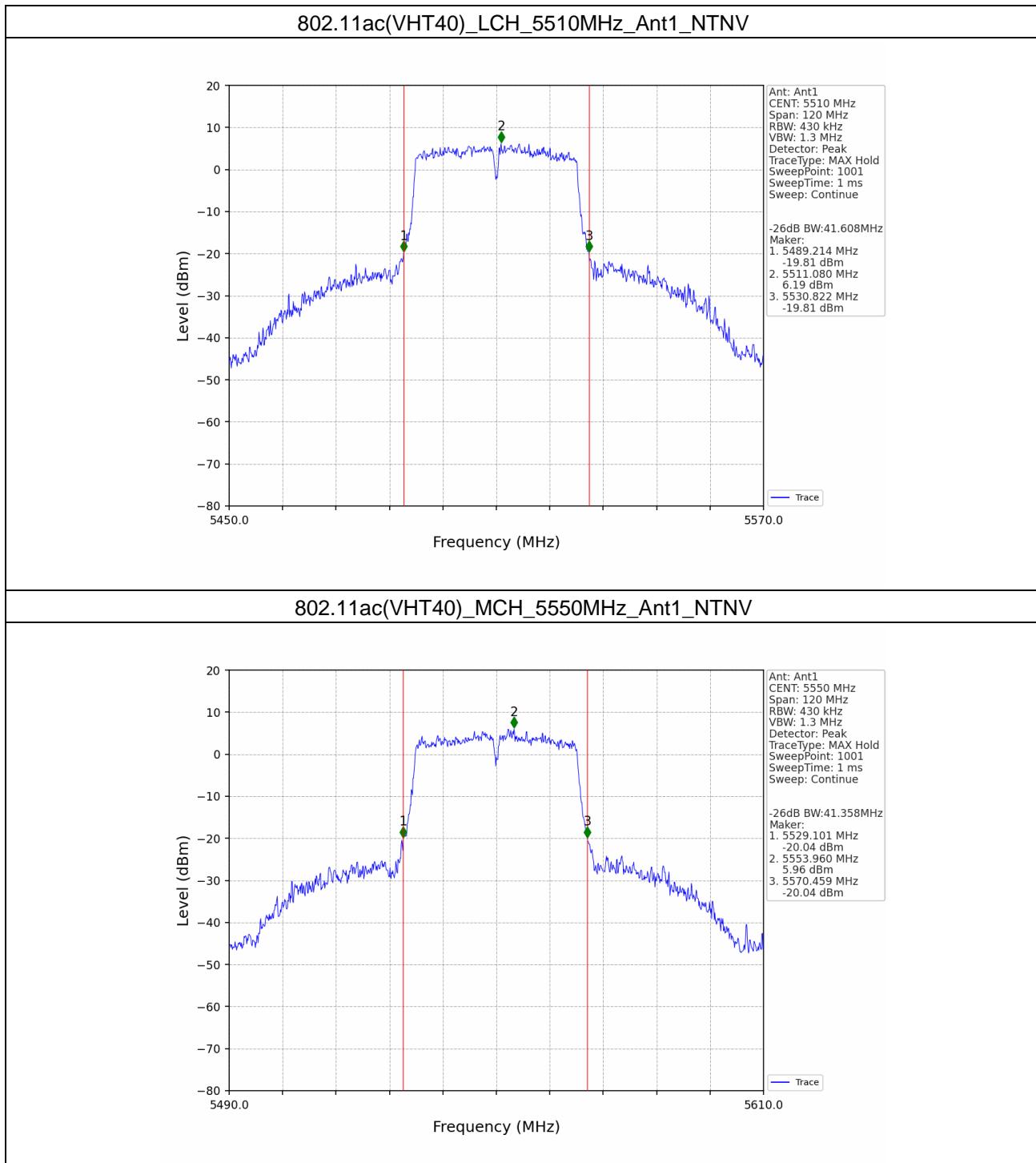


802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



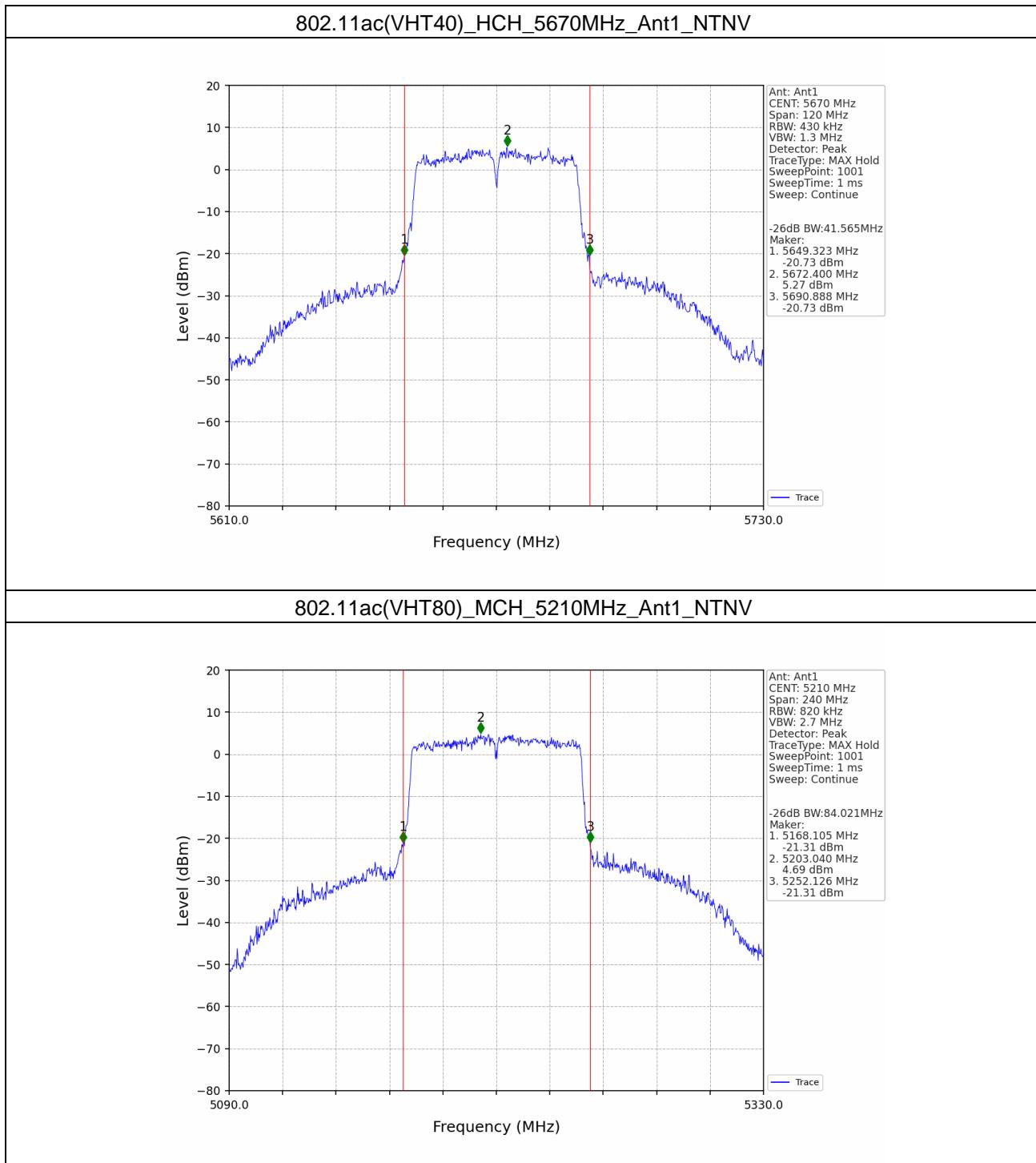
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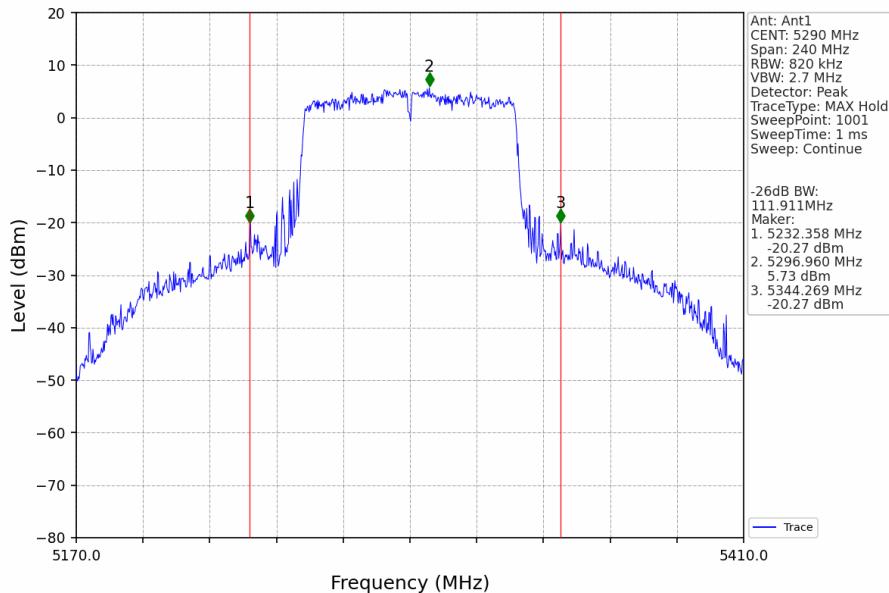
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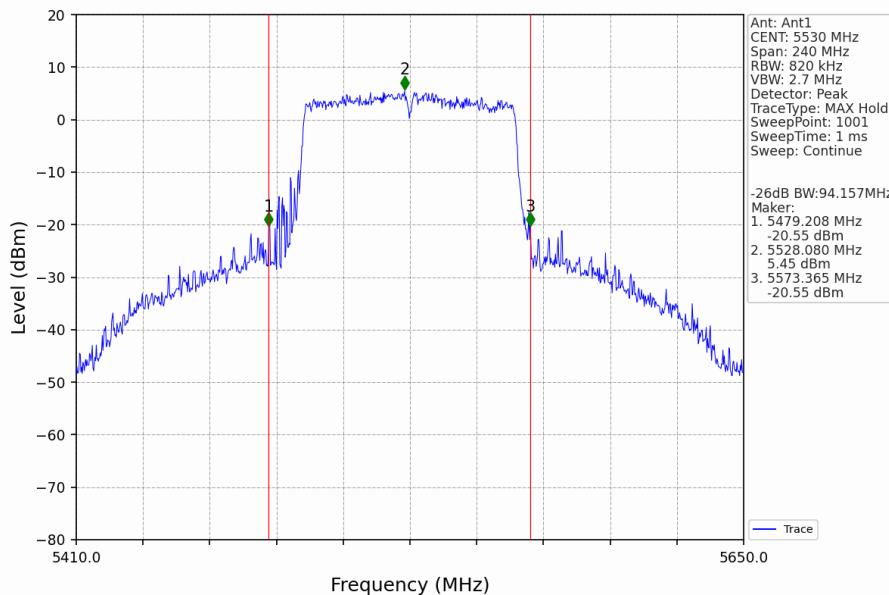
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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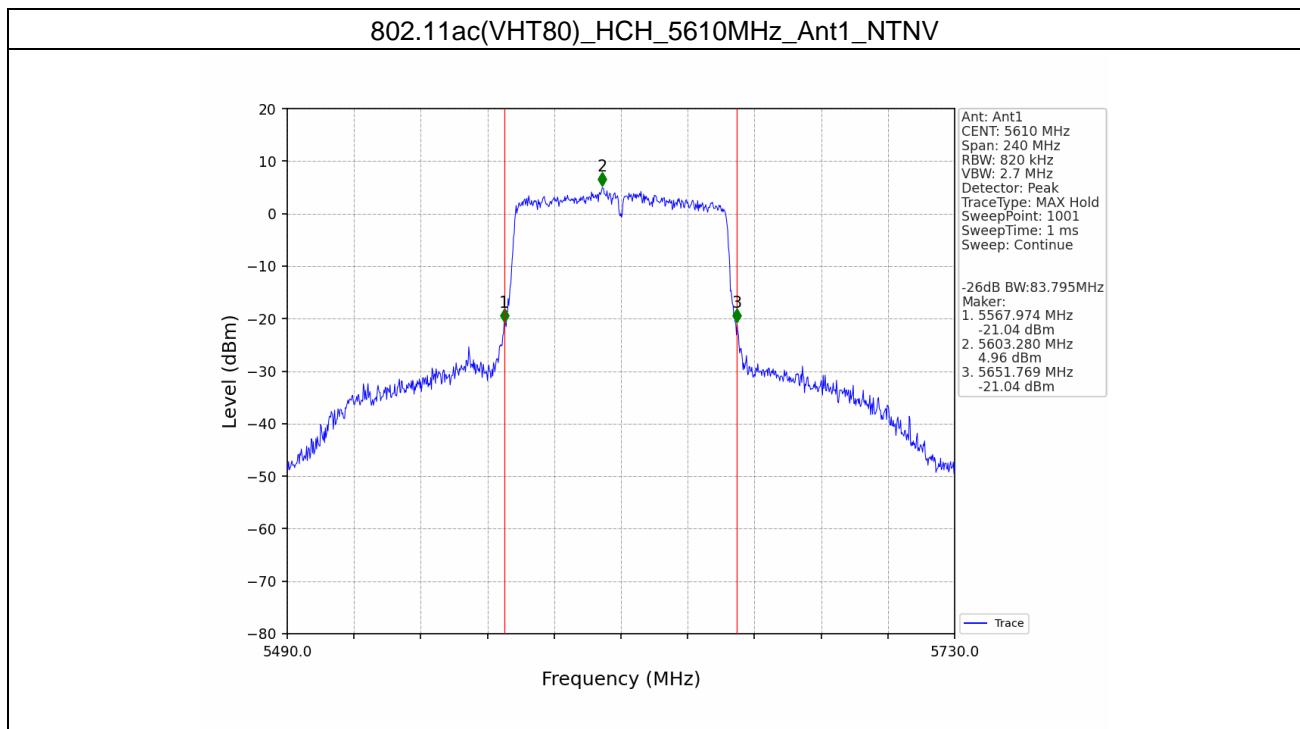
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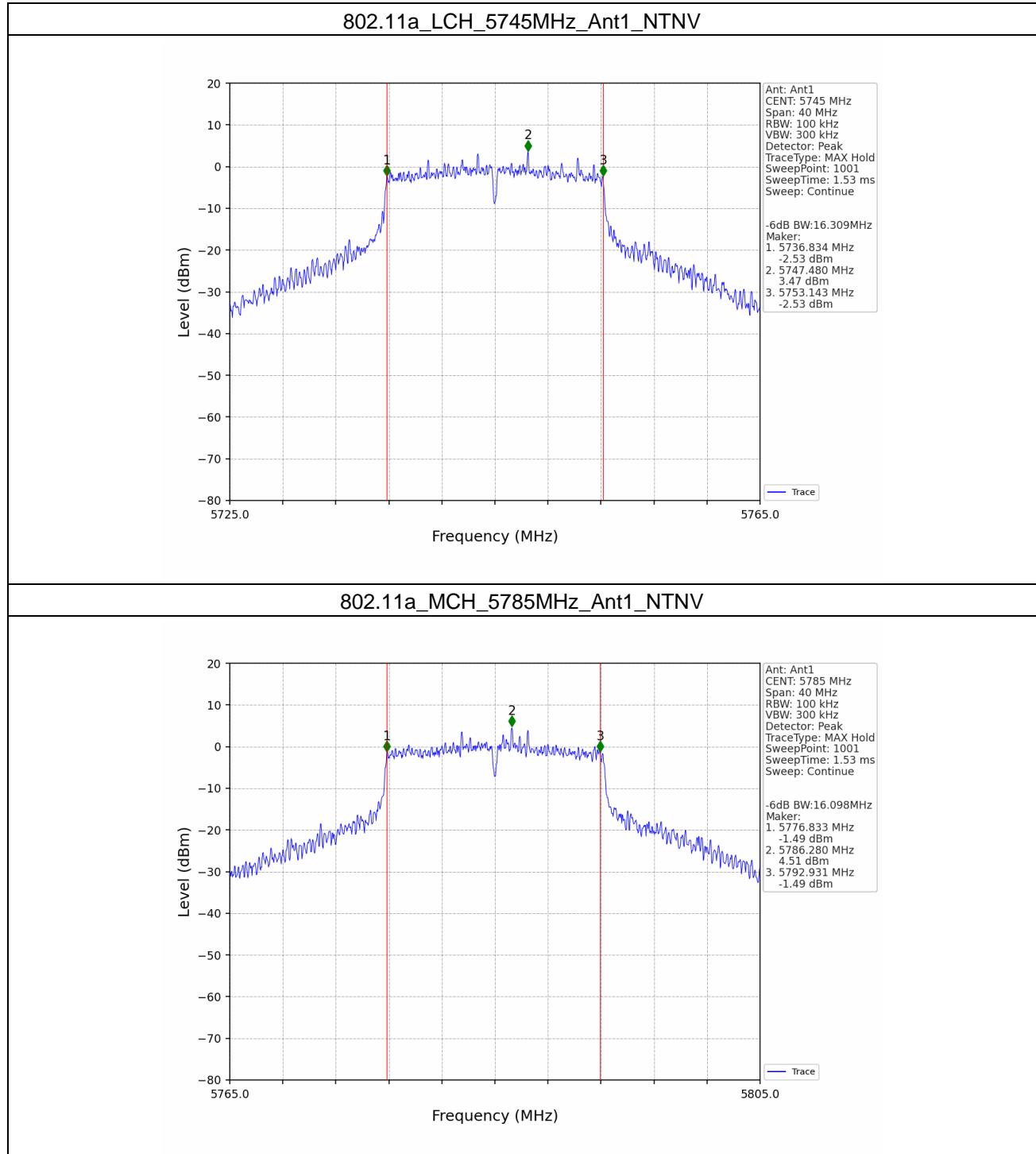
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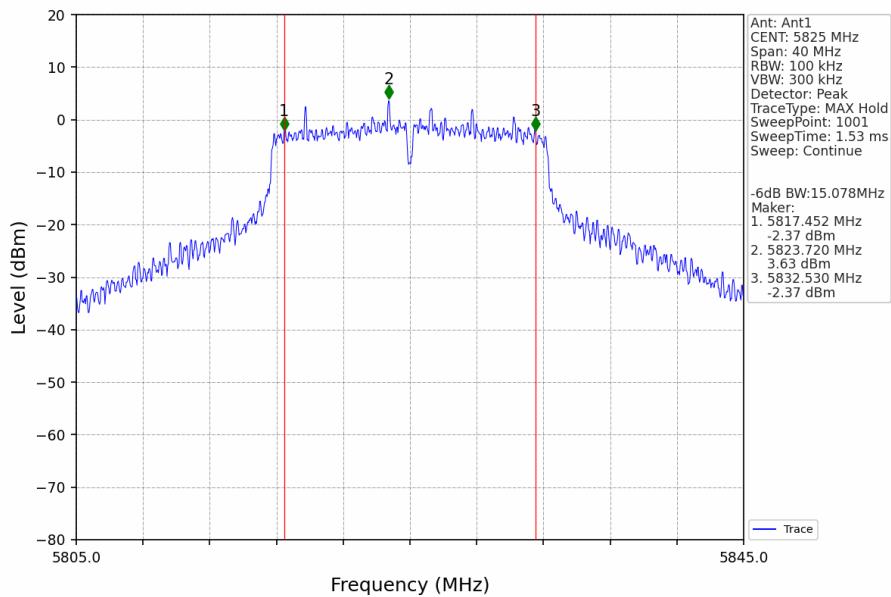
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

2.2.3 6dB BW

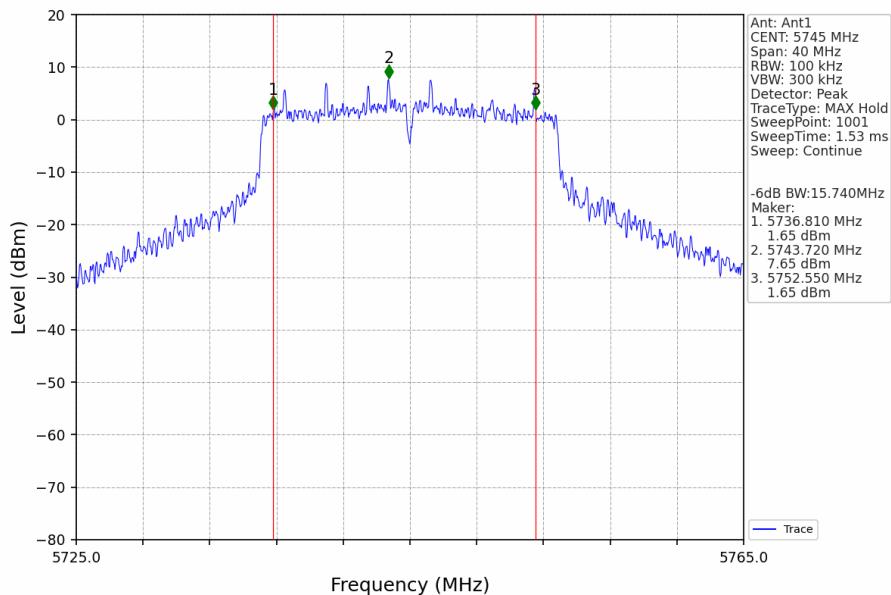
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



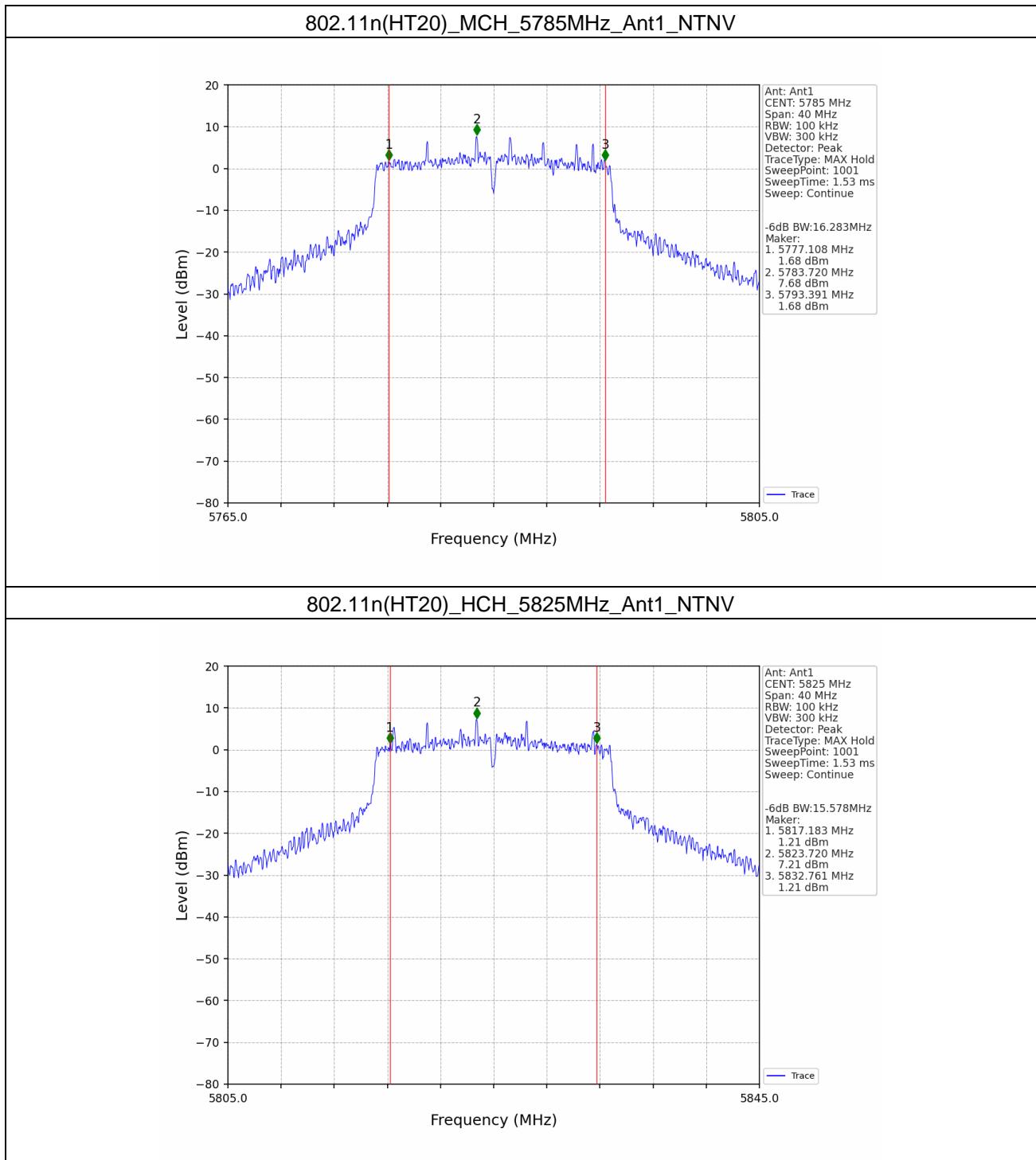
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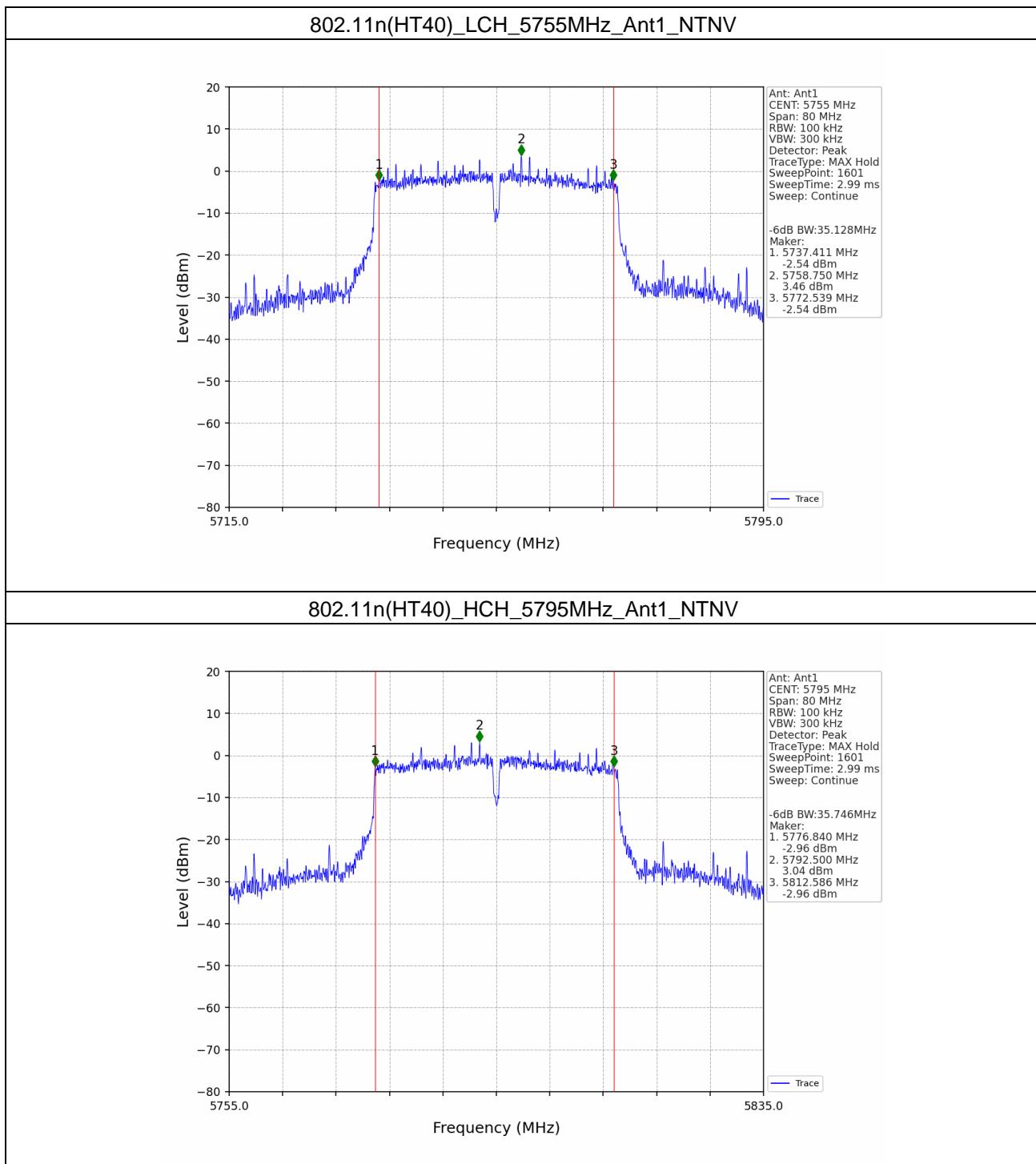
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



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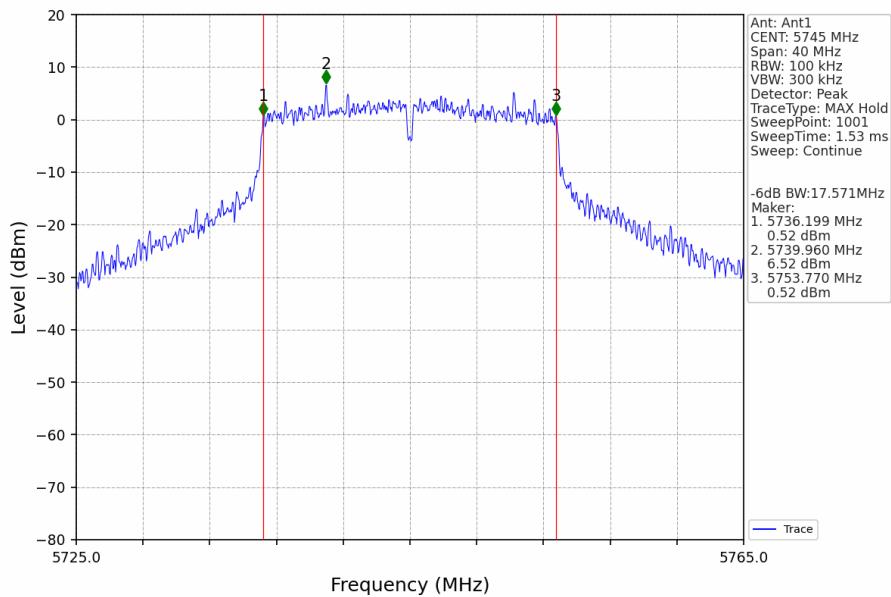




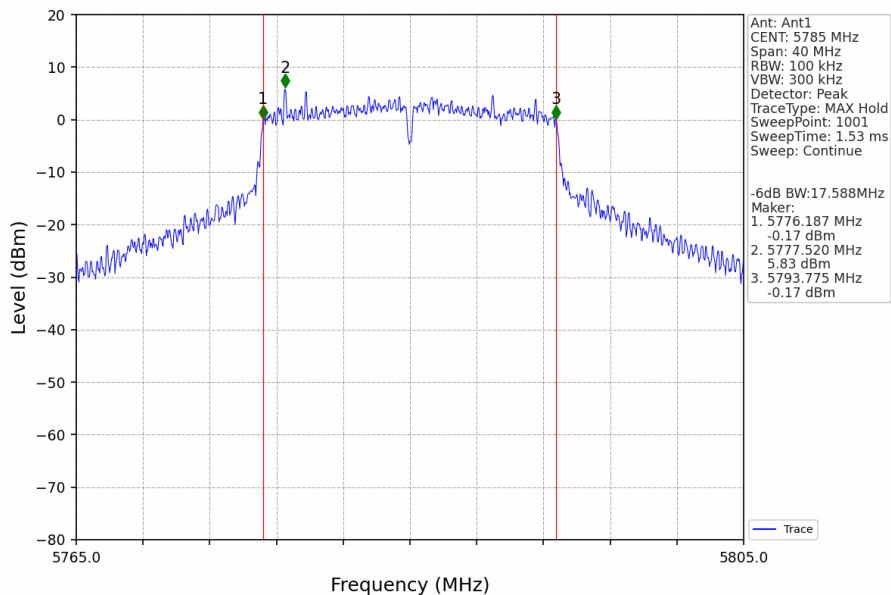
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



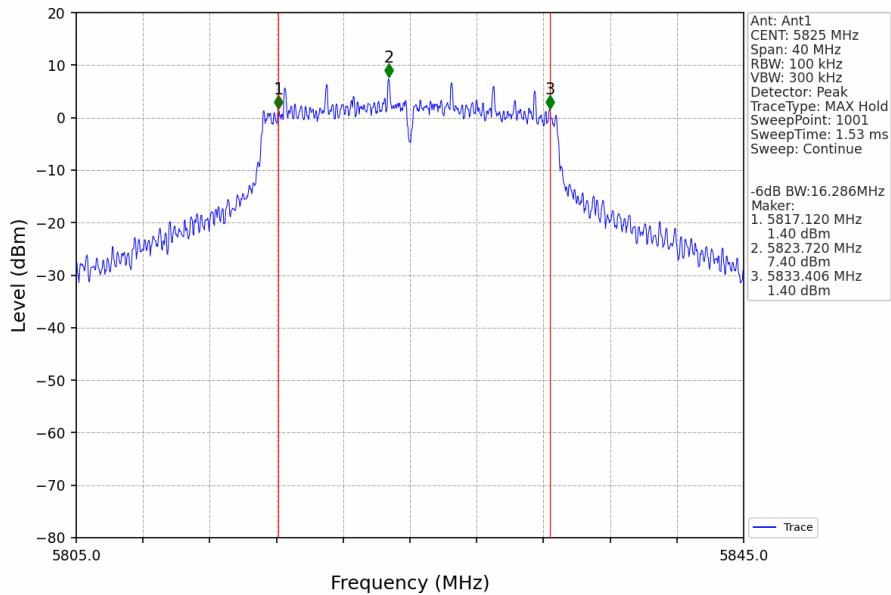
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



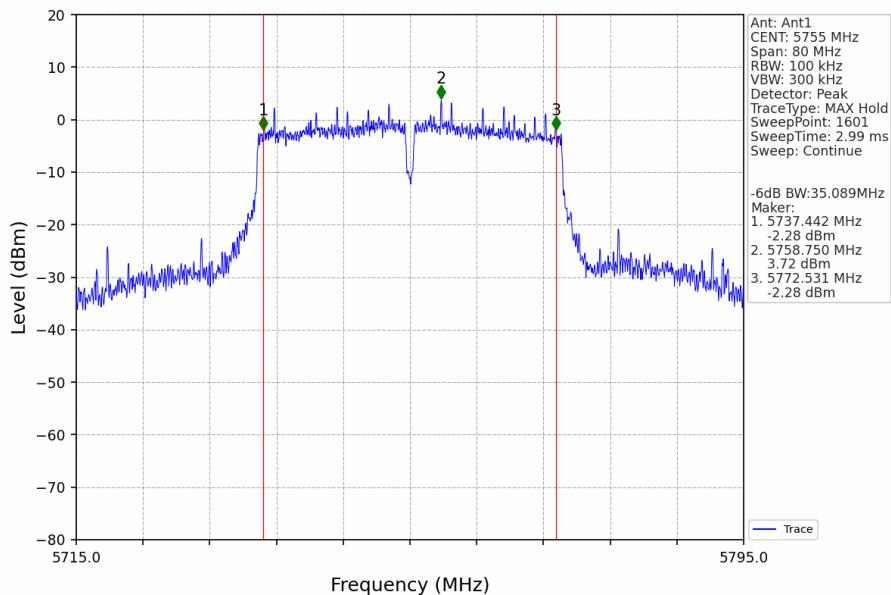
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



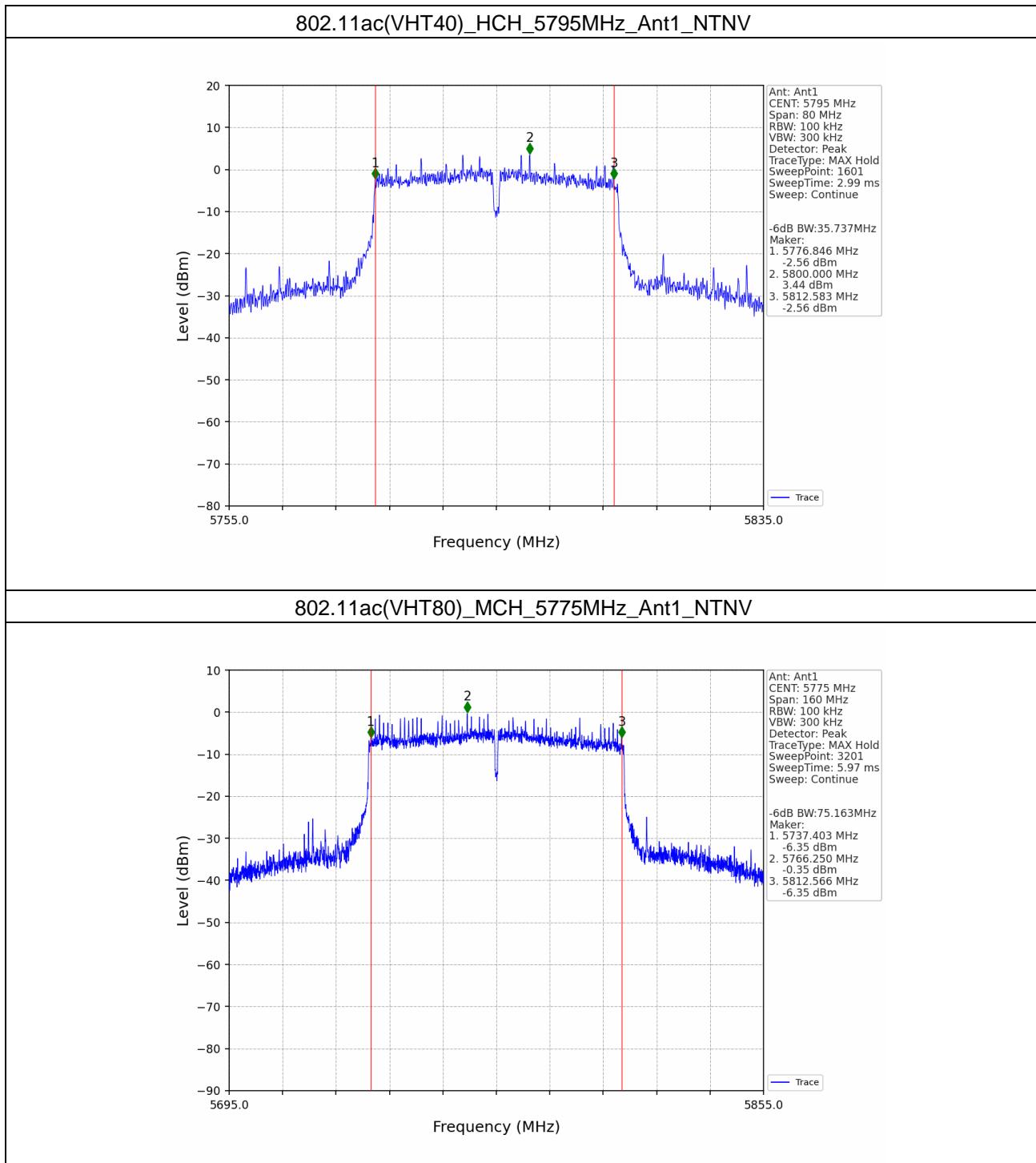
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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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	16.58	<=23.98	Pass
		5200	16.07	<=23.98	Pass
		5240	16.92	<=23.98	Pass
		5260	16.24	<=23.98	Pass
		5300	16.30	<=23.98	Pass
		5320	16.99	<=23.98	Pass
		5500	14.95	<=23.98	Pass
		5580	14.99	<=23.98	Pass
		5700	15.93	<=23.98	Pass
		5745	17.46	<=30	Pass
		5785	17.11	<=30	Pass
		5825	16.74	<=30	Pass
802.11n (HT20)	SISO	5180	16.76	<=23.98	Pass
		5200	16.94	<=23.98	Pass
		5240	16.89	<=23.98	Pass
		5260	16.87	<=23.98	Pass
		5300	16.96	<=23.98	Pass
		5320	16.75	<=23.98	Pass
		5500	14.92	<=23.98	Pass
		5580	14.77	<=23.98	Pass
		5700	15.74	<=23.98	Pass
		5745	17.31	<=30	Pass
		5785	17.29	<=30	Pass
		5825	17.02	<=30	Pass
802.11n (HT40)	SISO	5190	16.27	<=23.98	Pass
		5230	15.77	<=23.98	Pass
		5270	11.12	<=23.98	Pass
		5310	11.97	<=23.98	Pass
		5510	10.03	<=23.98	Pass
		5550	9.93	<=23.98	Pass

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		5670	10.09	<=23.98	Pass
		5755	16.25	<=30	Pass
		5795	16.71	<=30	Pass
802.11ac (VHT20)	SISO	5180	16.09	<=23.98	Pass
		5200	15.90	<=23.98	Pass
		5240	16.46	<=23.98	Pass
		5260	16.49	<=23.98	Pass
		5300	16.58	<=23.98	Pass
		5320	16.27	<=23.98	Pass
		5500	14.74	<=23.98	Pass
		5580	14.79	<=23.98	Pass
		5700	15.77	<=23.98	Pass
		5745	17.35	<=30	Pass
		5785	17.41	<=30	Pass
		5825	17.06	<=30	Pass
802.11ac (VHT40)	SISO	5190	16.12	<=23.98	Pass
		5230	15.97	<=23.98	Pass
		5270	11.70	<=23.98	Pass
		5310	11.91	<=23.98	Pass
		5510	10.03	<=23.98	Pass
		5550	9.95	<=23.98	Pass
		5670	10.14	<=23.98	Pass
		5755	15.80	<=30	Pass
		5795	15.85	<=30	Pass
		5210	11.59	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	10.32	<=23.98	Pass
		5530	7.84	<=23.98	Pass
		5610	8.72	<=23.98	Pass
		5775	15.78	<=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	5.84	<=11	Pass
		5200	5.35	<=11	Pass
		5240	6.36	<=11	Pass
		5260	5.54	<=11	Pass
		5300	5.69	<=11	Pass
		5320	6.33	<=11	Pass
		5500	4.45	<=11	Pass
		5580	4.48	<=11	Pass
		5700	5.45	<=11	Pass
		5180	6.35	<=11	Pass
802.11n (HT20)	SISO	5200	6.08	<=11	Pass
		5240	6.06	<=11	Pass
		5260	5.92	<=11	Pass
		5300	6.13	<=11	Pass
		5320	5.86	<=11	Pass
		5500	3.10	<=11	Pass
		5580	3.89	<=11	Pass
		5700	5.04	<=11	Pass
		5190	2.47	<=11	Pass
		5230	1.95	<=11	Pass
802.11n (HT40)	SISO	5270	-2.73	<=11	Pass
		5310	-1.97	<=11	Pass
		5510	-3.69	<=11	Pass
		5550	-4.06	<=11	Pass
		5670	-3.79	<=11	Pass
		5180	5.24	<=11	Pass
		5200	5.03	<=11	Pass
802.11ac (VHT20)	SISO	5240	5.53	<=11	Pass
		5260	5.56	<=11	Pass
		5300	5.58	<=11	Pass
		5320	5.34	<=11	Pass

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SZEMC-TRF-01 Rev. A/1

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		5500	3.95	<=11	Pass
		5580	3.92	<=11	Pass
		5700	4.98	<=11	Pass
802.11ac (VHT40)	SISO	5190	2.29	<=11	Pass
		5230	2.33	<=11	Pass
		5270	-2.14	<=11	Pass
		5310	-1.98	<=11	Pass
		5510	-3.70	<=11	Pass
		5550	-3.91	<=11	Pass
		5670	-3.79	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.29	<=11	Pass
		5290	-6.62	<=11	Pass
		5530	-9.19	<=11	Pass
		5610	-8.24	<=11	Pass

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	4.23	<=30	Pass
		5785	3.68	<=30	Pass
		5825	3.33	<=30	Pass
802.11n (HT20)	SISO	5745	3.95	<=30	Pass
		5785	3.81	<=30	Pass
		5825	3.32	<=30	Pass
802.11n (HT40)	SISO	5755	-0.40	<=30	Pass
		5795	0.18	<=30	Pass
802.11ac (VHT20)	SISO	5745	3.85	<=30	Pass
		5785	3.78	<=30	Pass
		5825	3.50	<=30	Pass
802.11ac (VHT40)	SISO	5755	-0.67	<=30	Pass
		5795	-0.68	<=30	Pass
802.11ac (VHT80)	SISO	5775	-3.96	<=30	Pass

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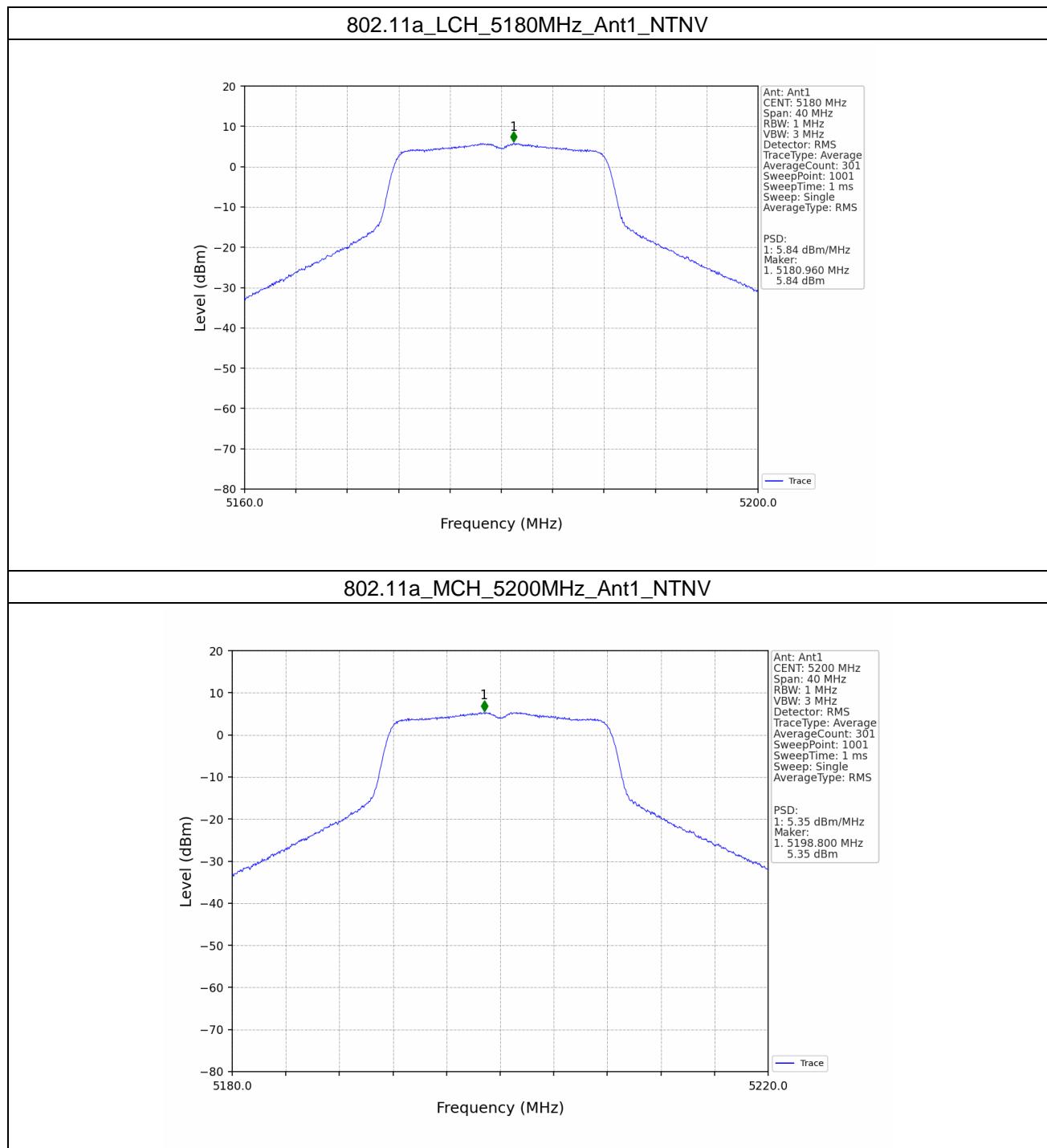
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4.2 Test Graph

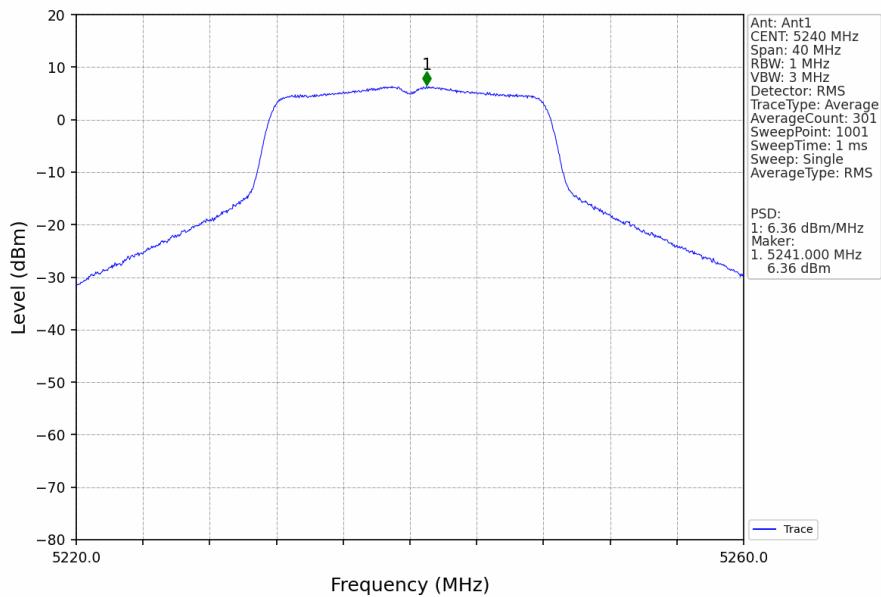
4.2.1 PSD



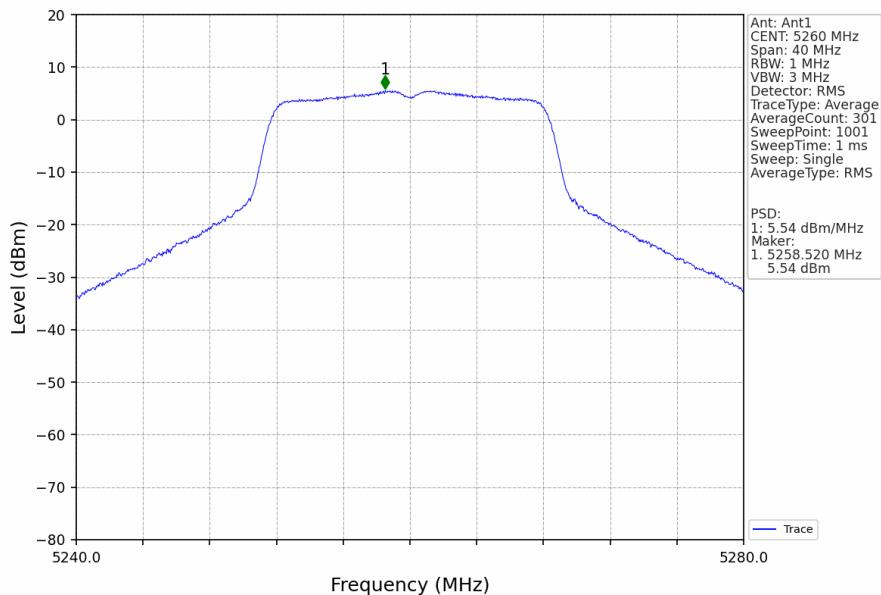
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802.11a_HCH_5240MHz_Ant1_NTNV



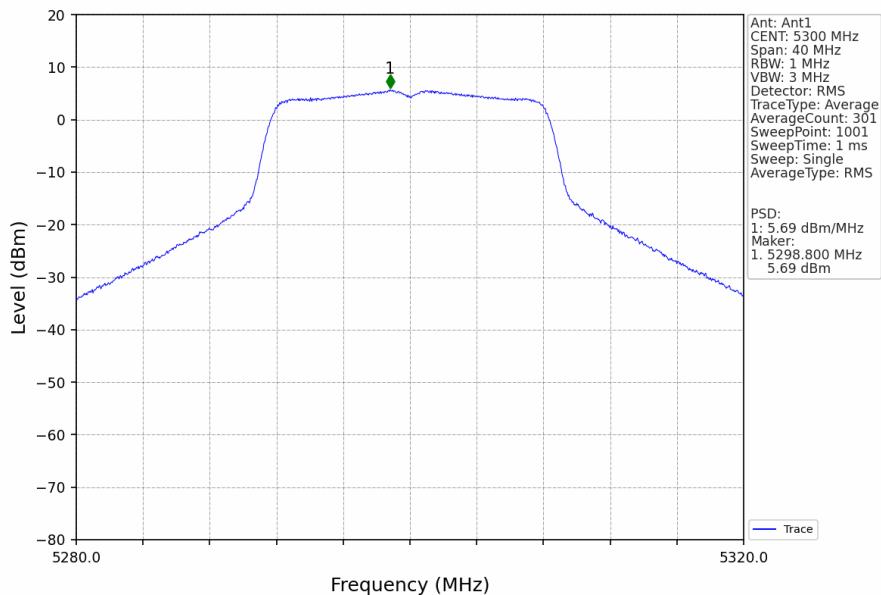
802.11a_LCH_5260MHz_Ant1_NTNV



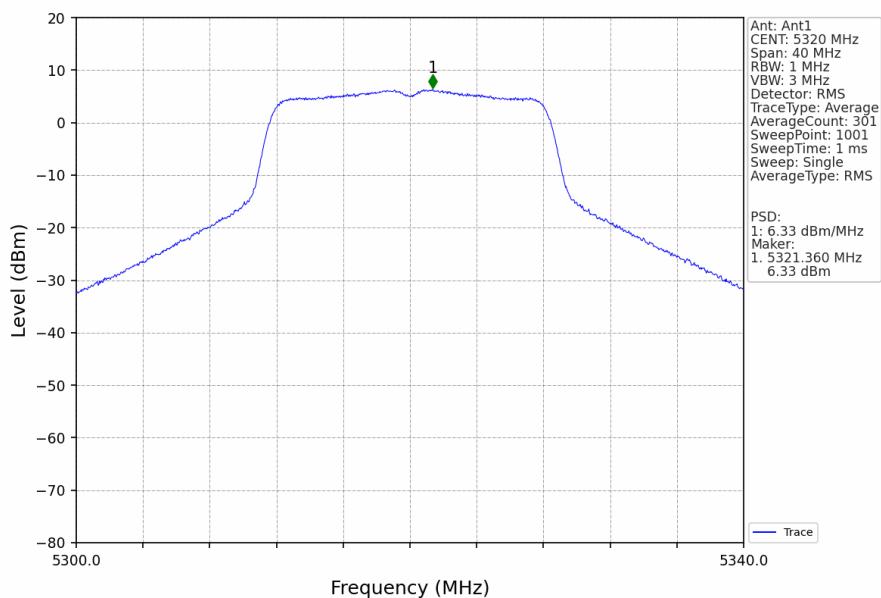
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV

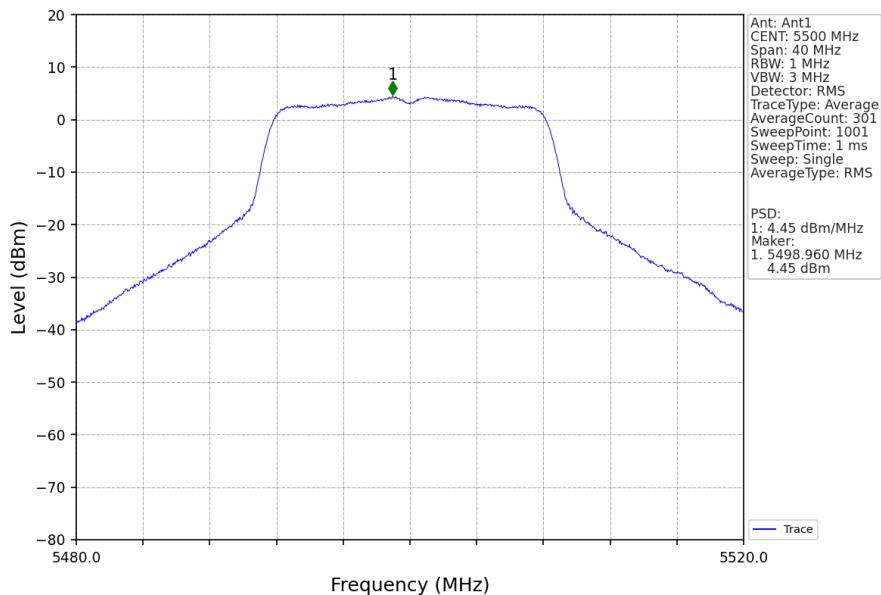
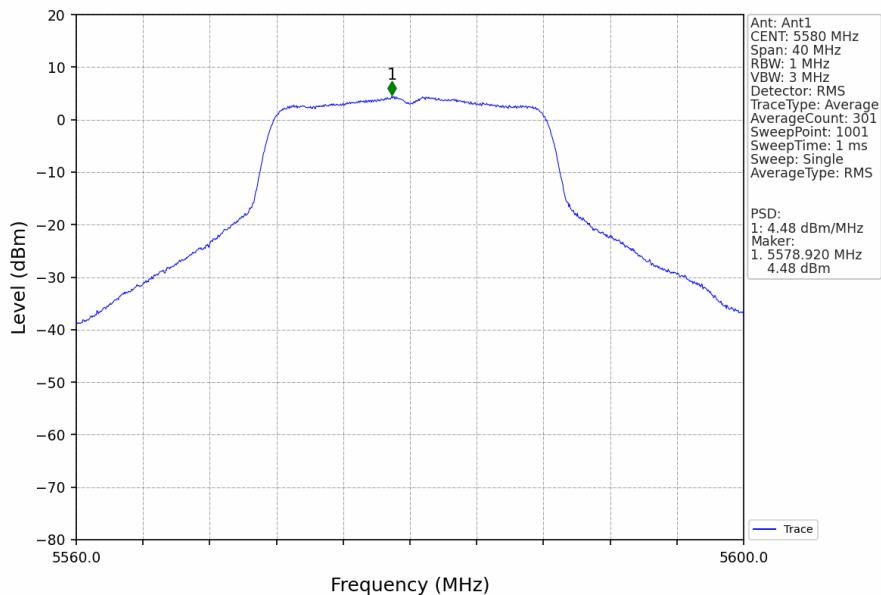


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802.11a_LCH_5500MHz_Ant1_NTNV**802.11a_MCH_5580MHz_Ant1_NTNV**

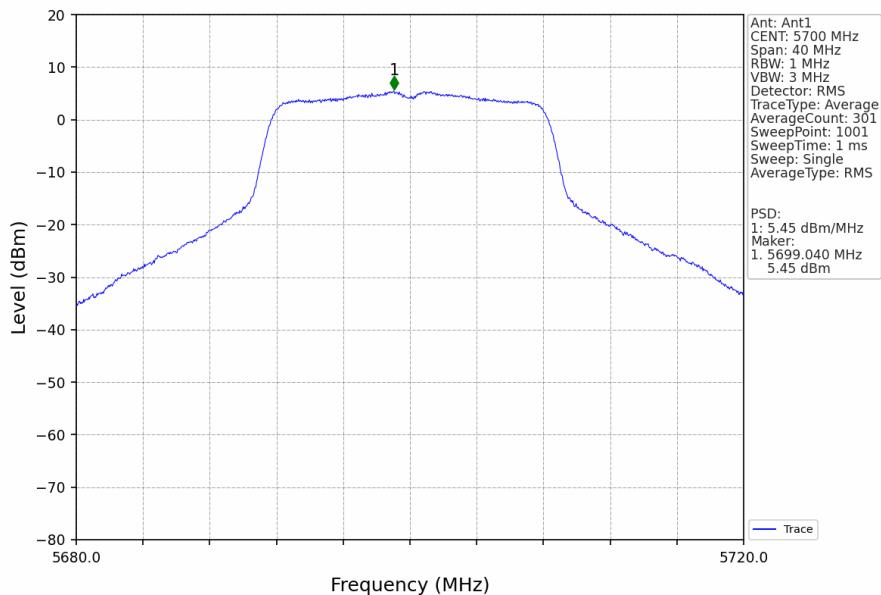
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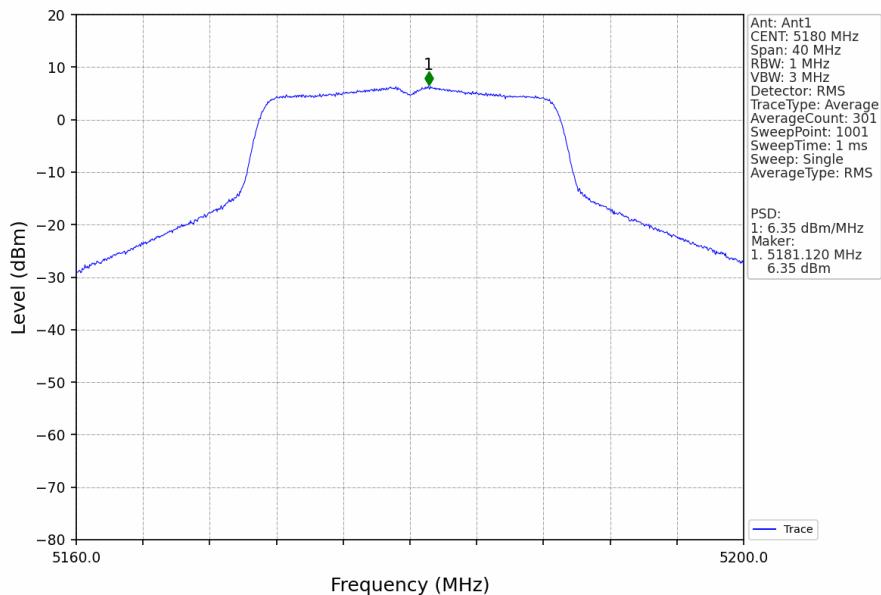


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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



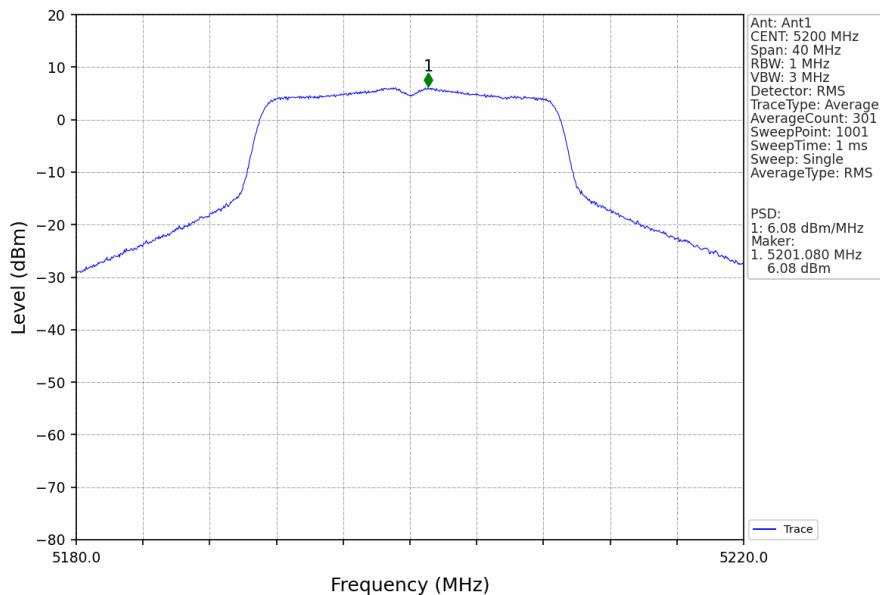
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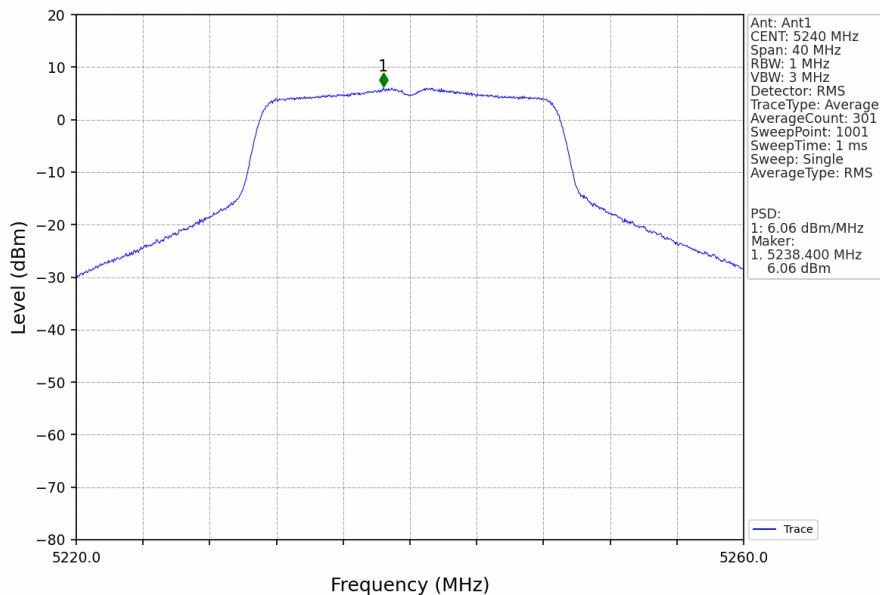


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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

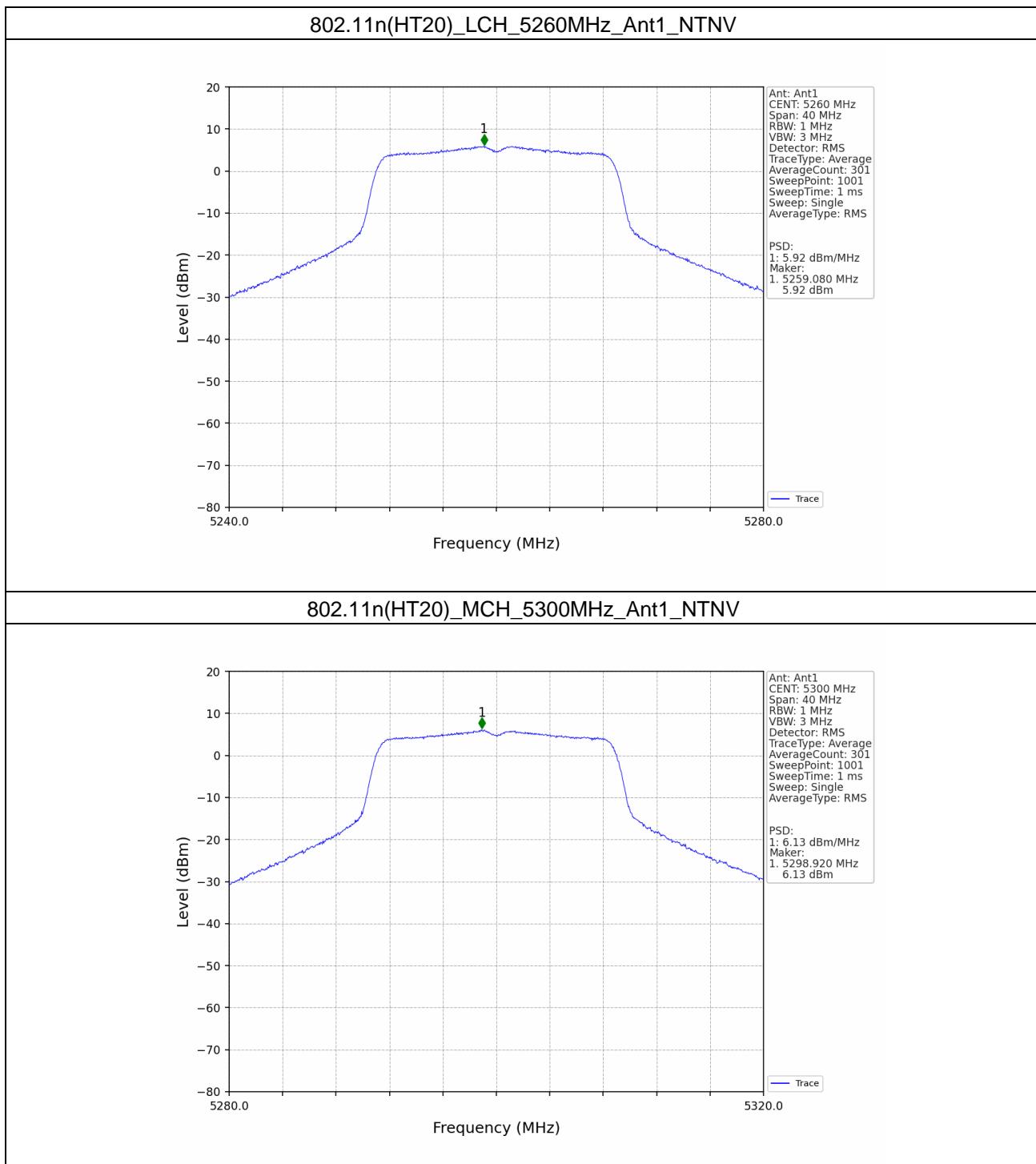


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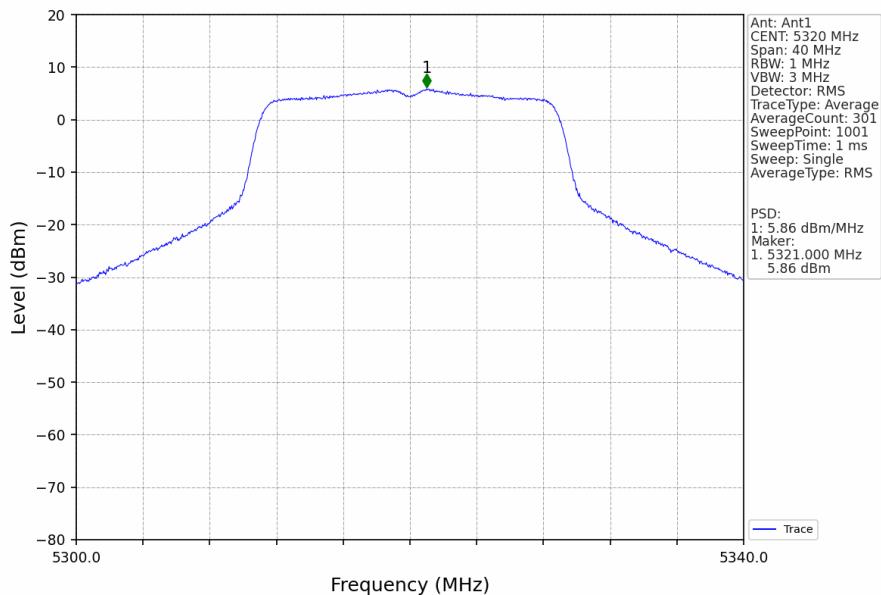
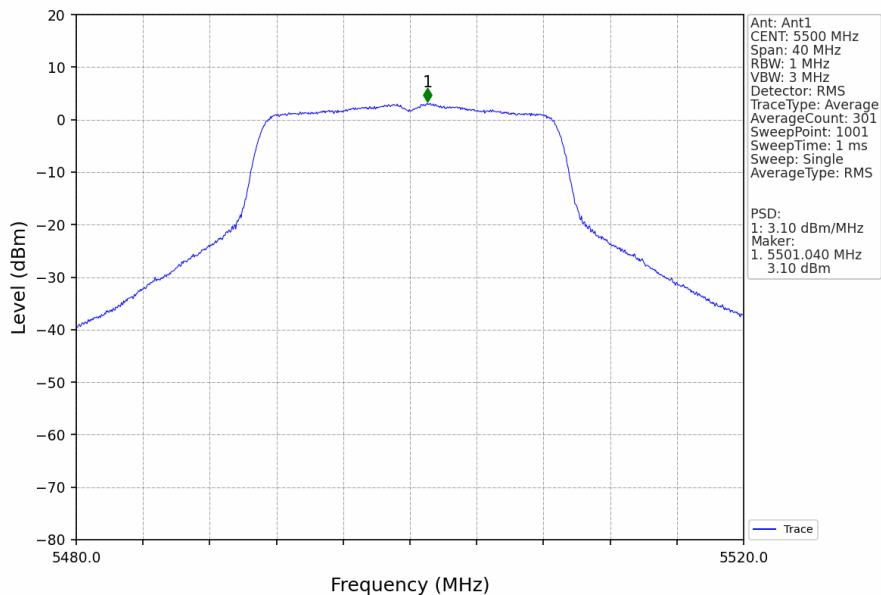


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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV**802.11n(HT20)_LCH_5500MHz_Ant1_NTNV**

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