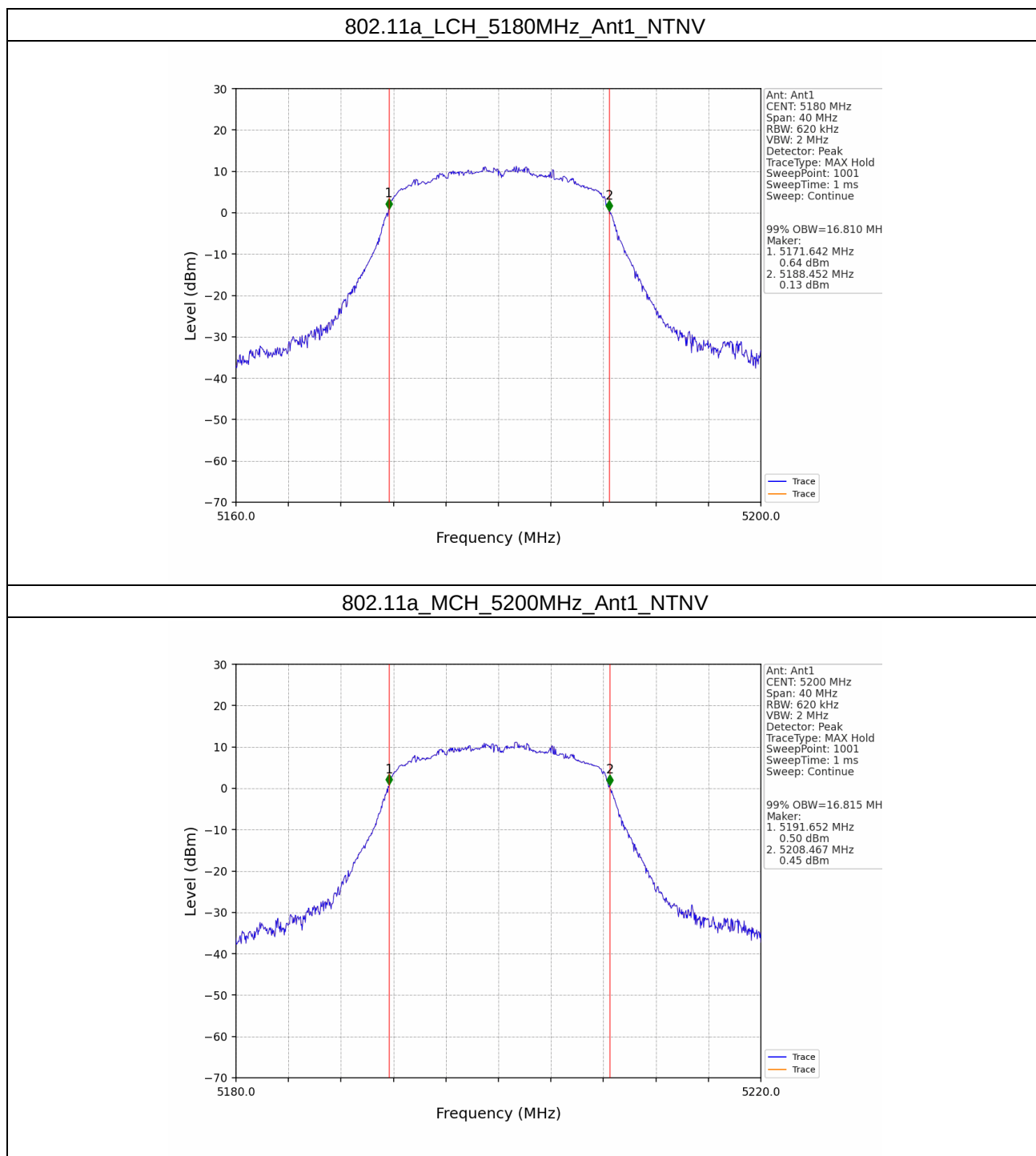
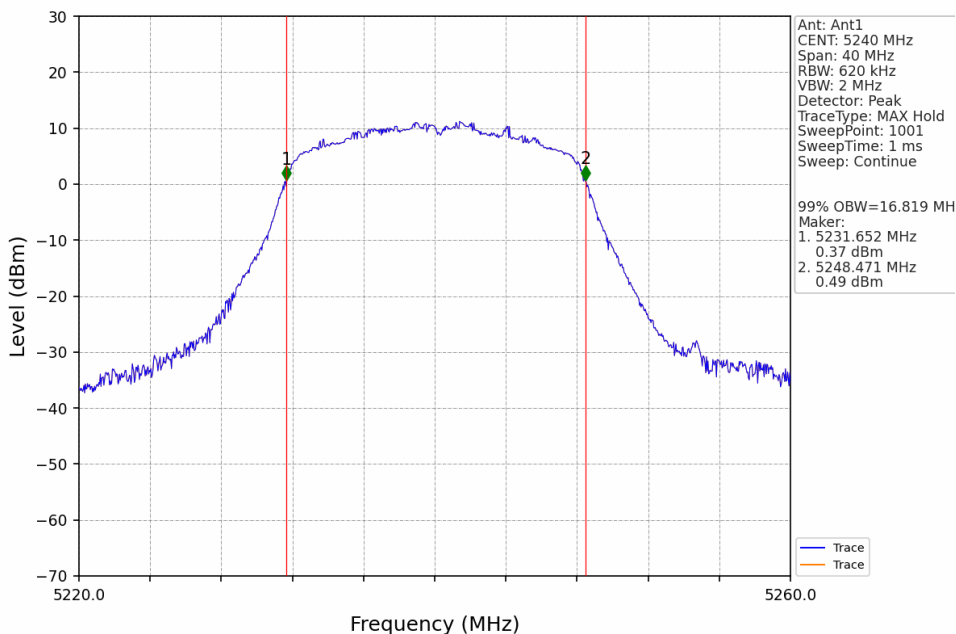


2.2 Test Graph

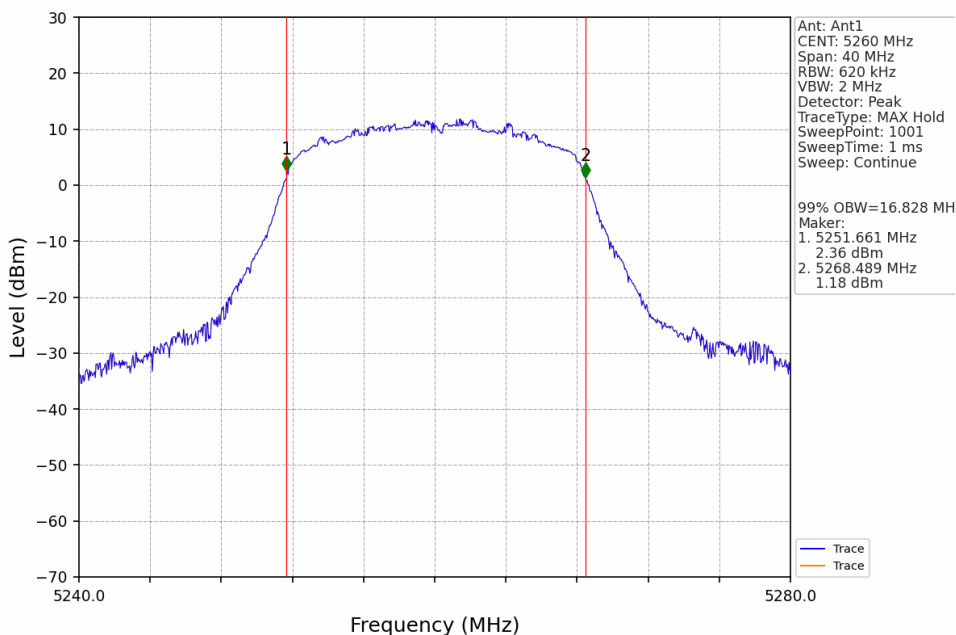
2.2.1 OBW



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



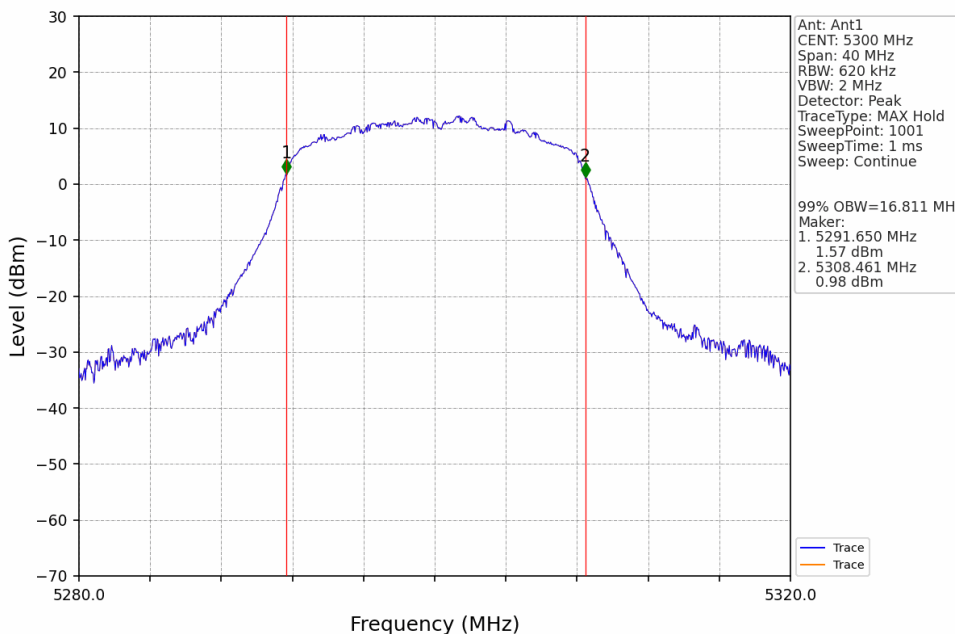
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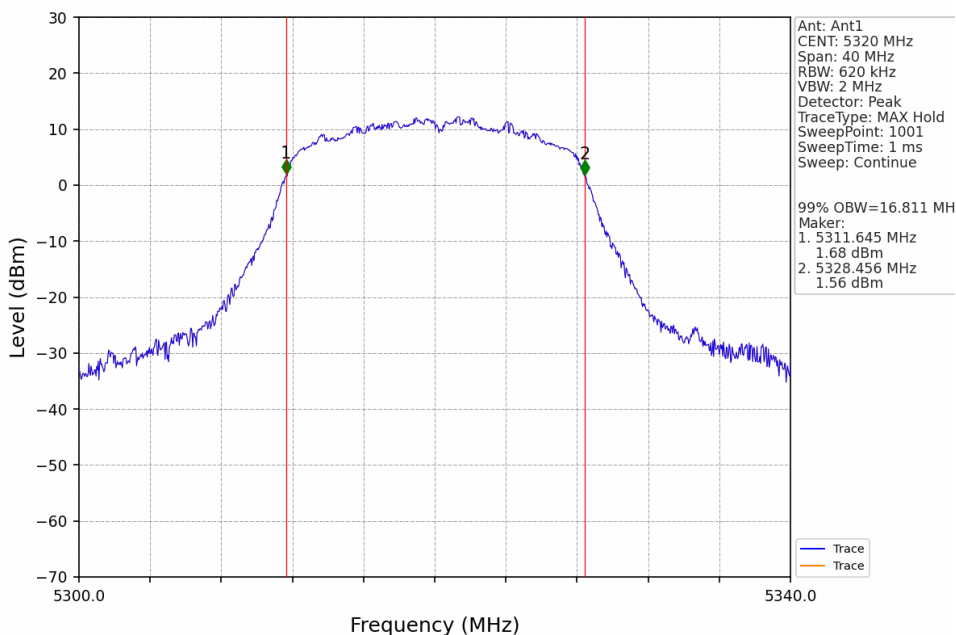
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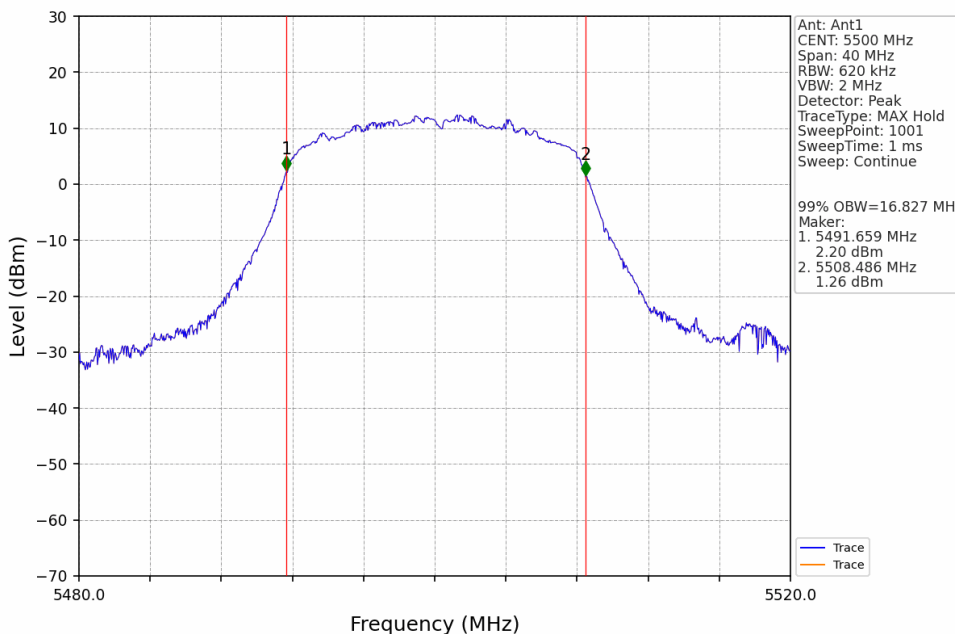
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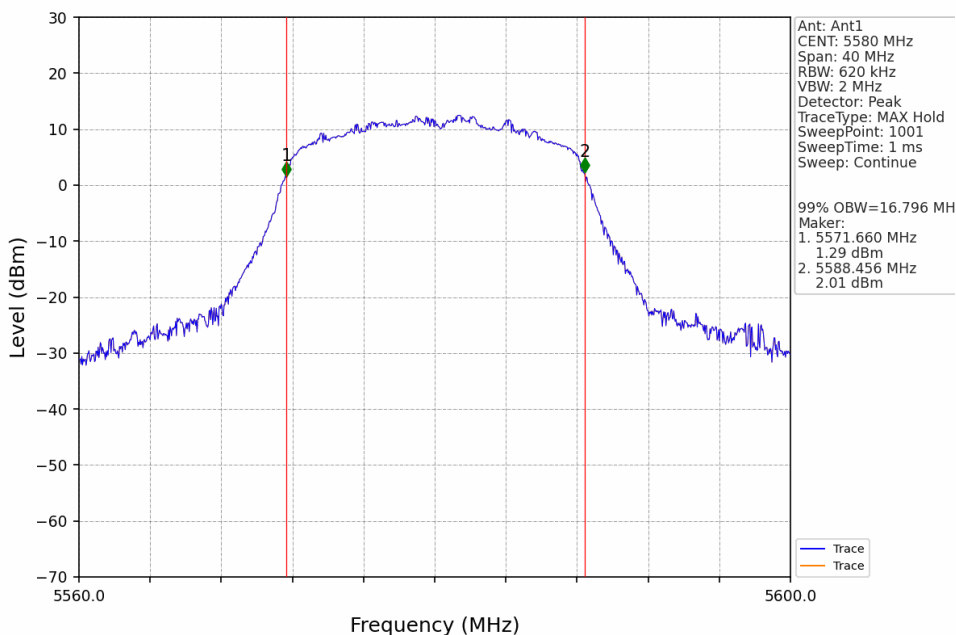
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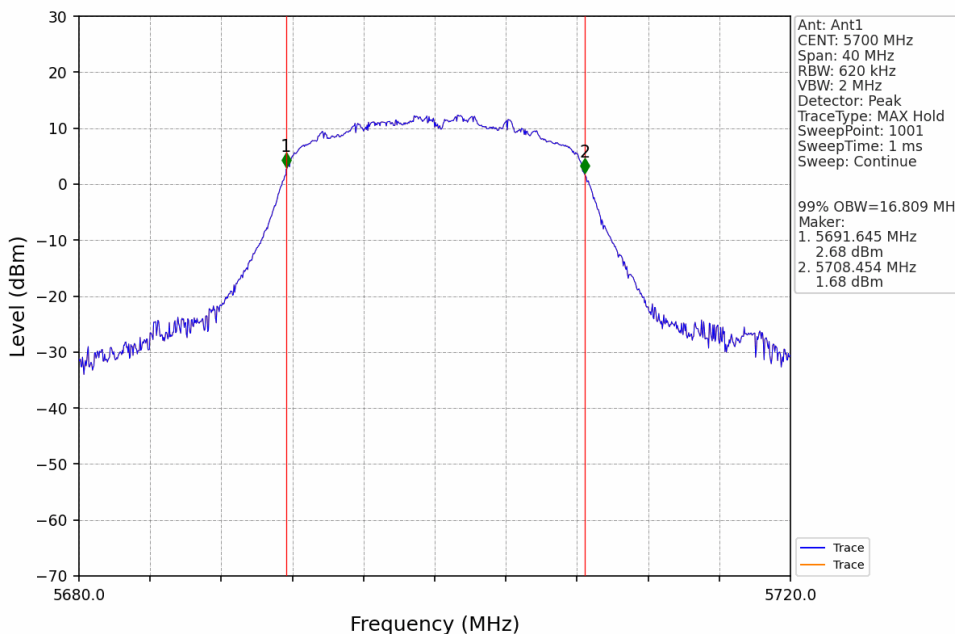
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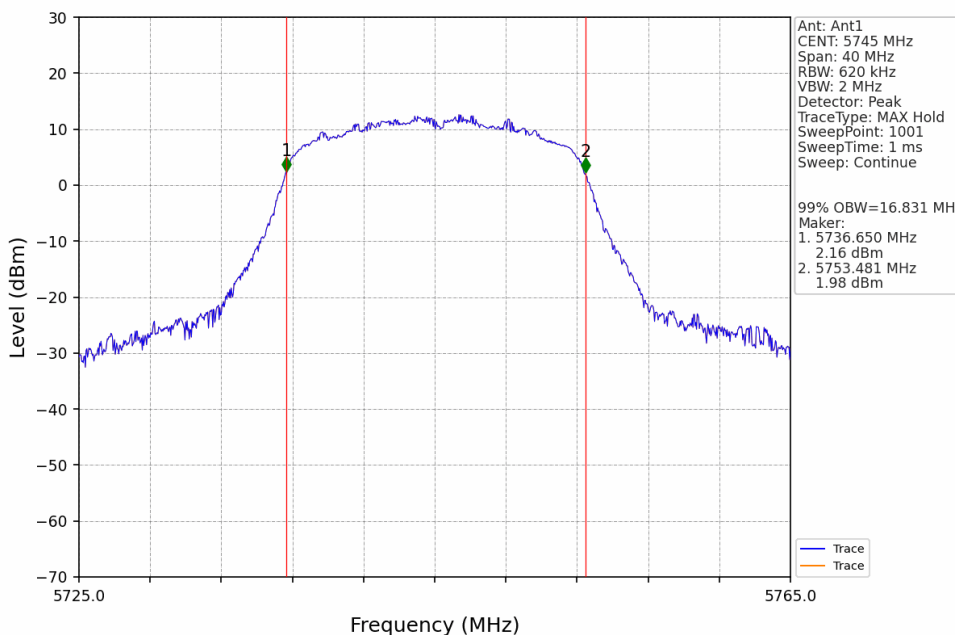
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802.11a_HCH_5700MHz_Ant1_NTNV



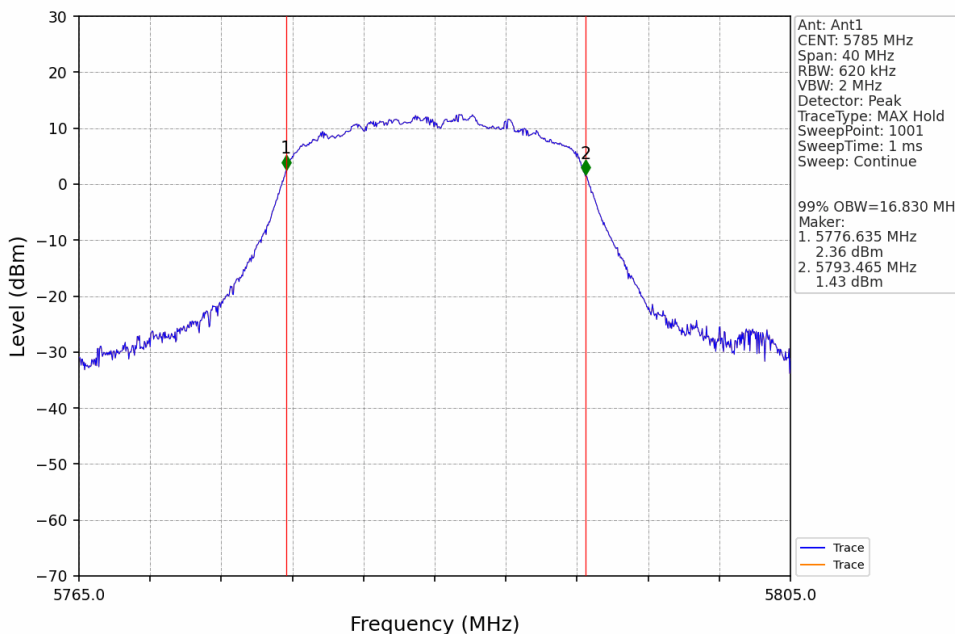
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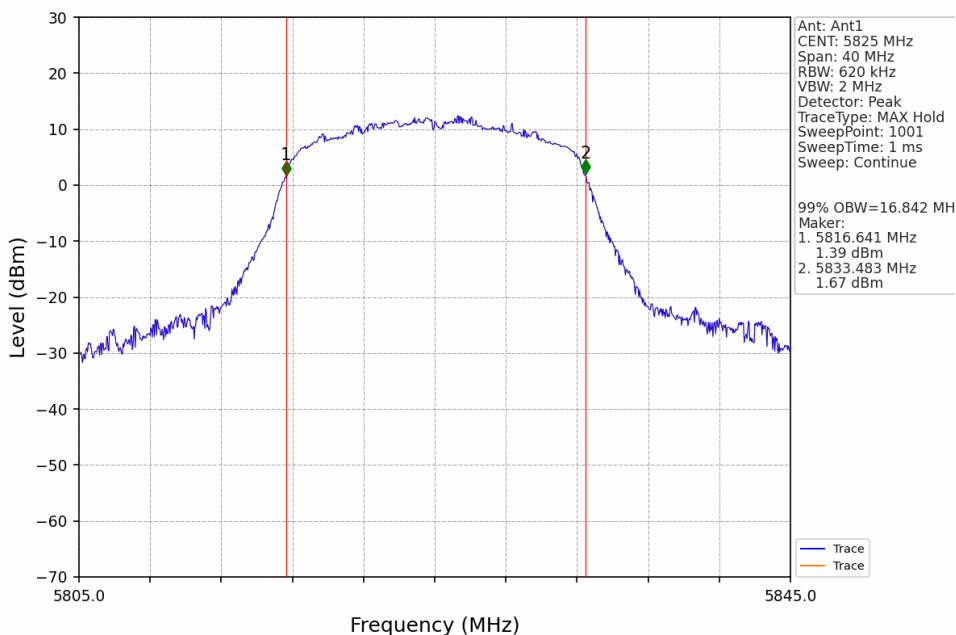
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802.11a_MCH_5785MHz_Ant1_NTNV



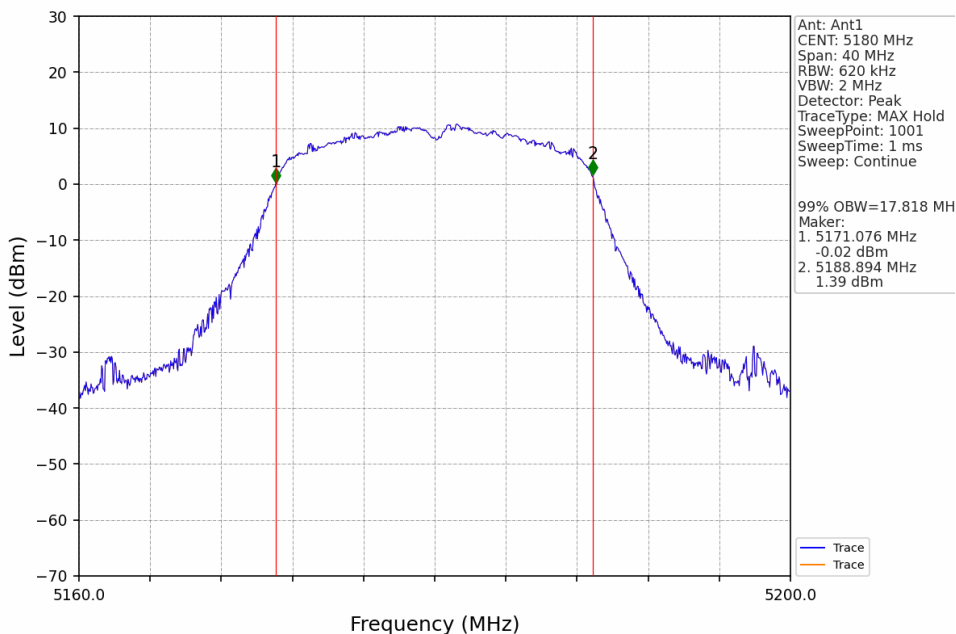
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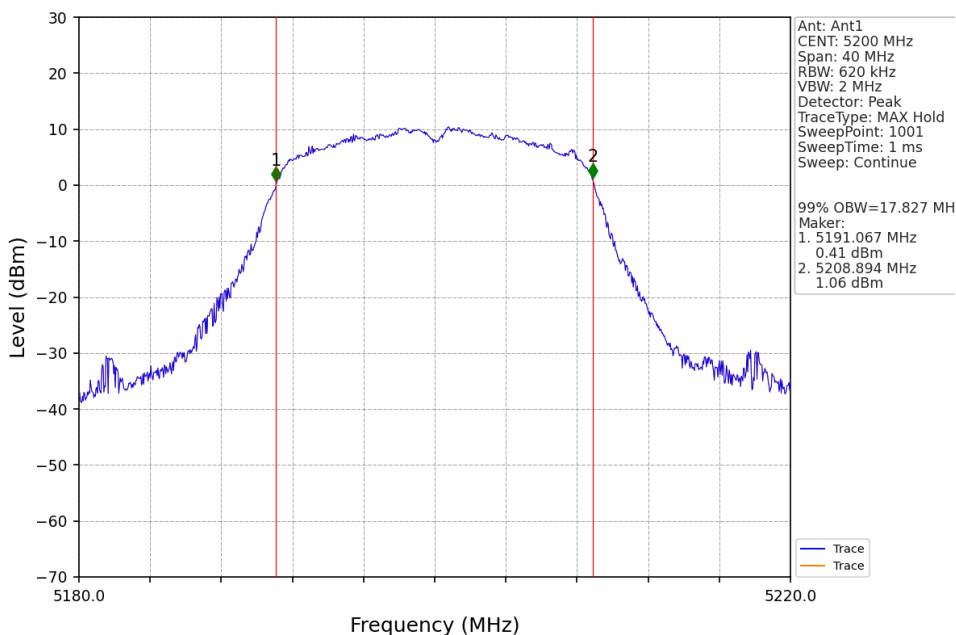
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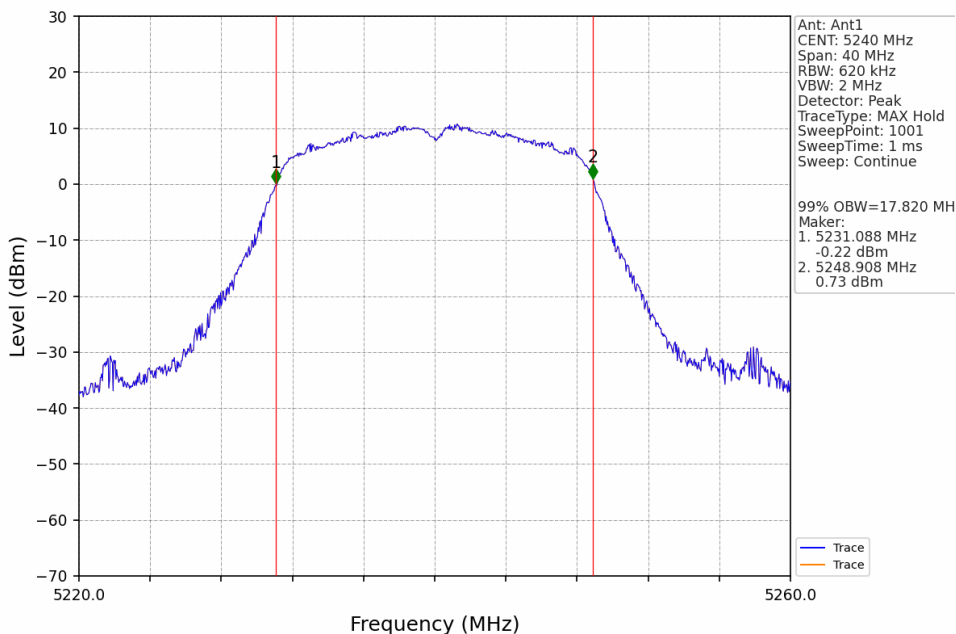
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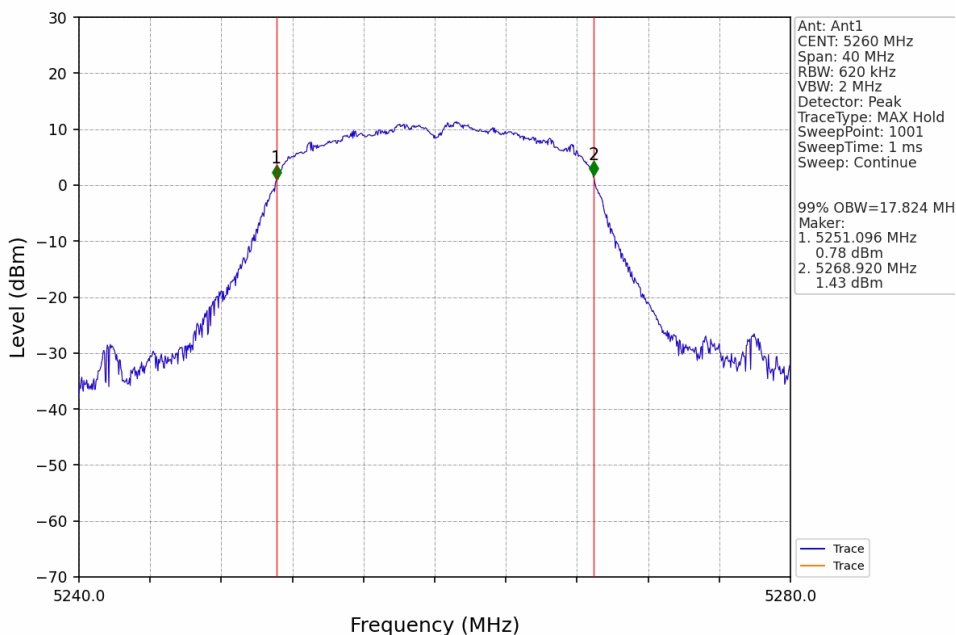
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



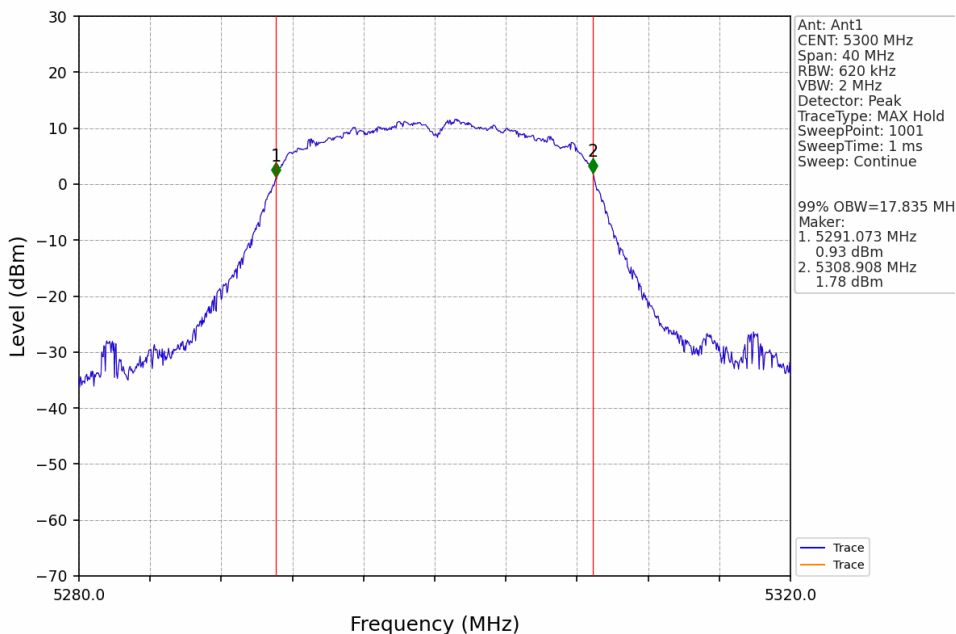
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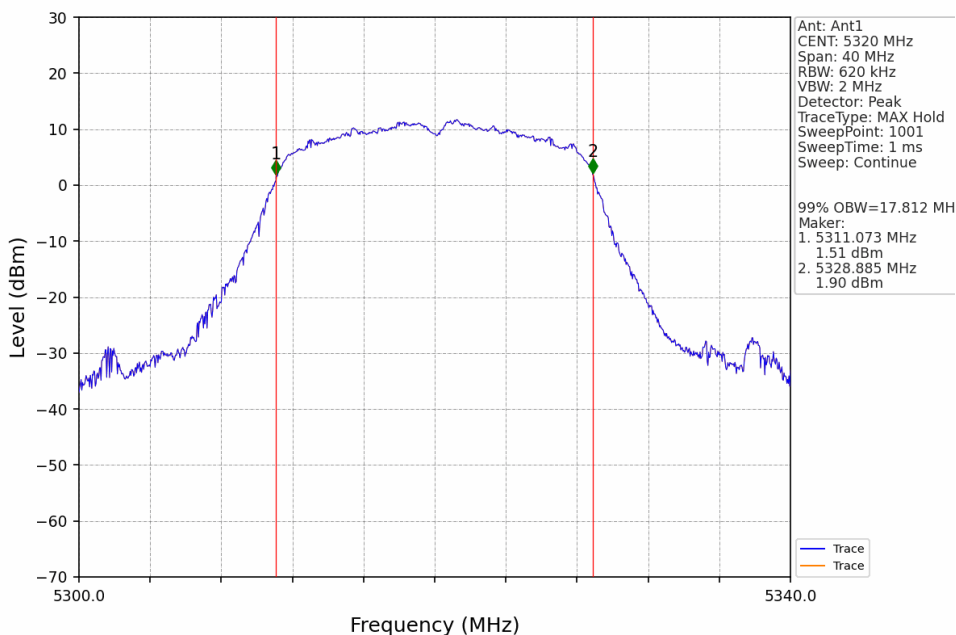
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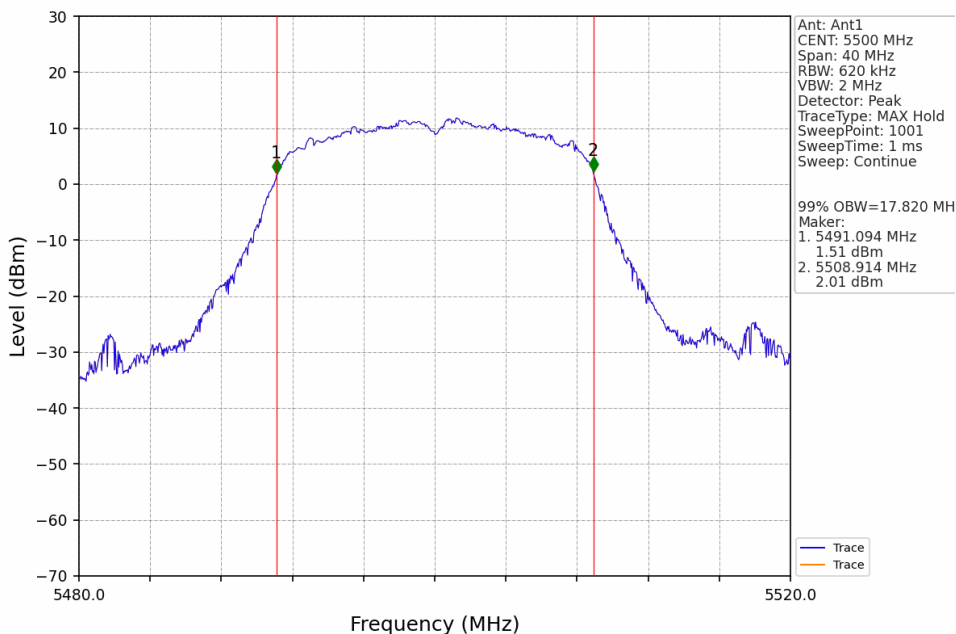
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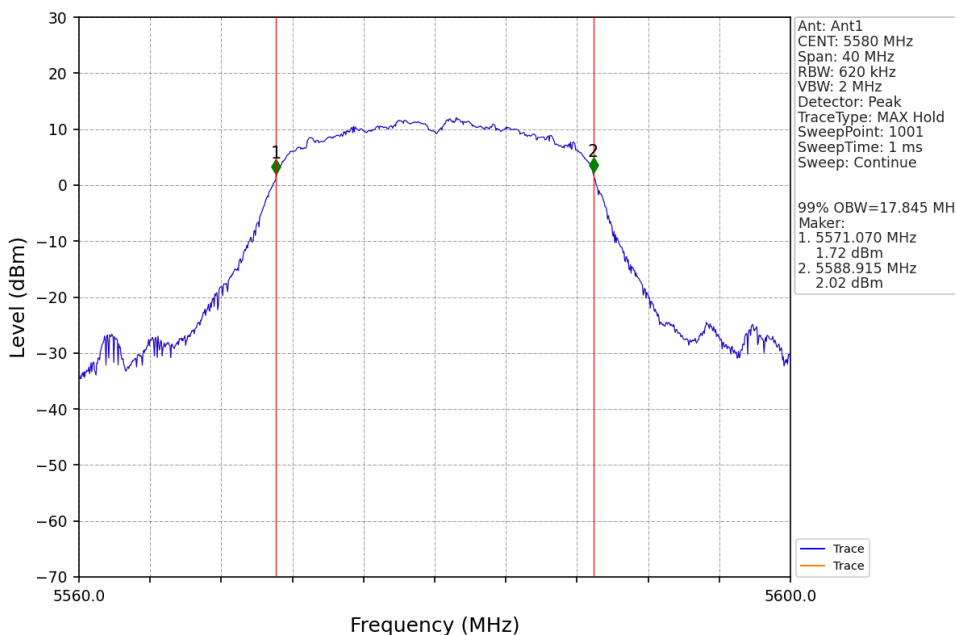
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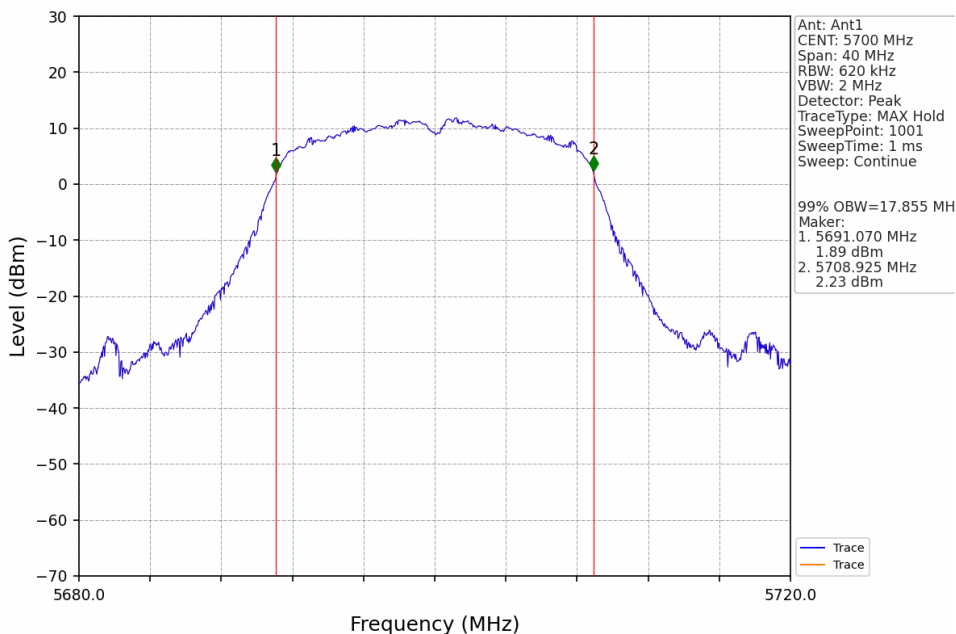
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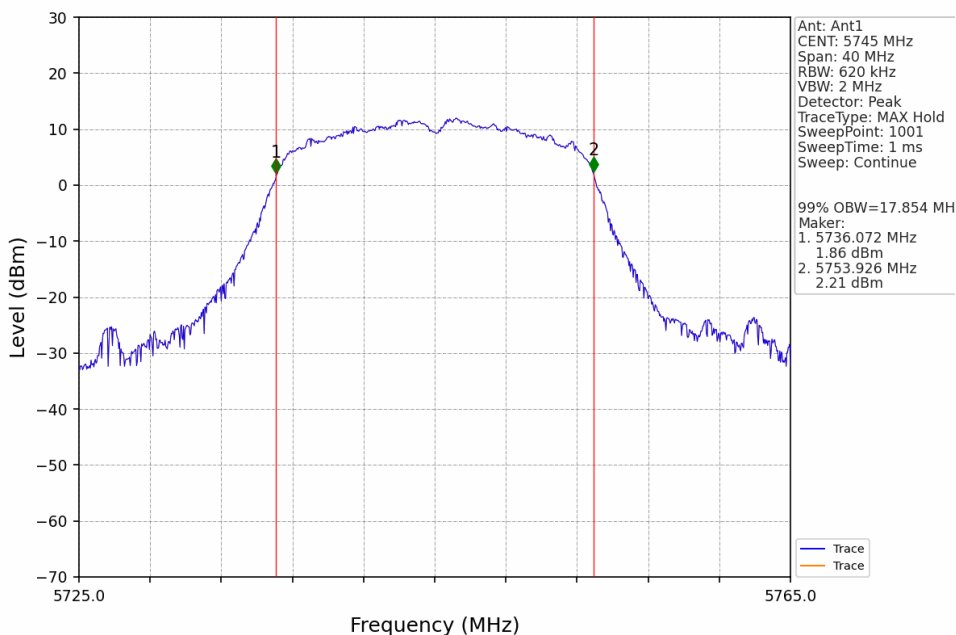
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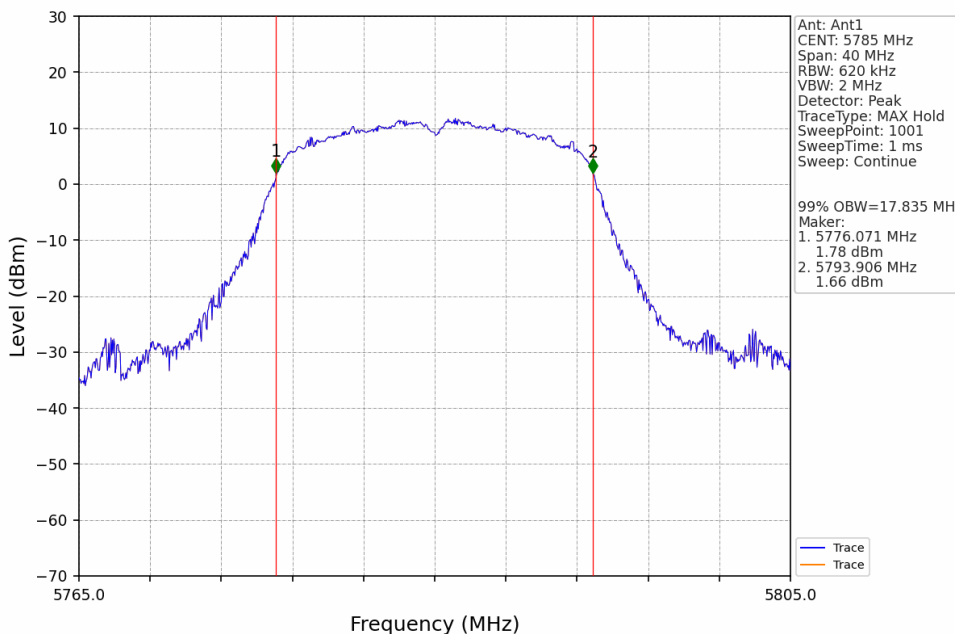
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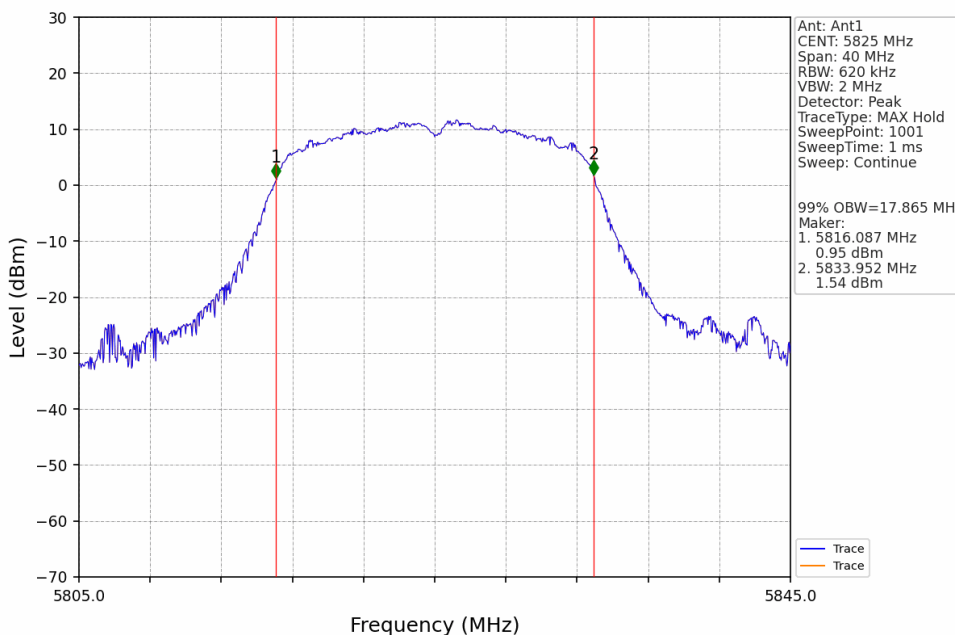
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



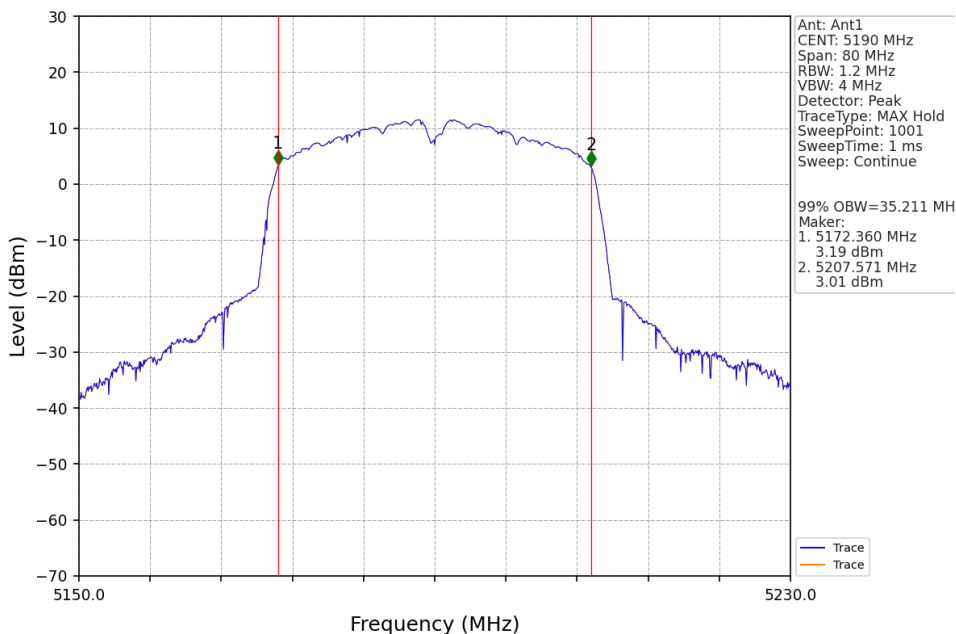
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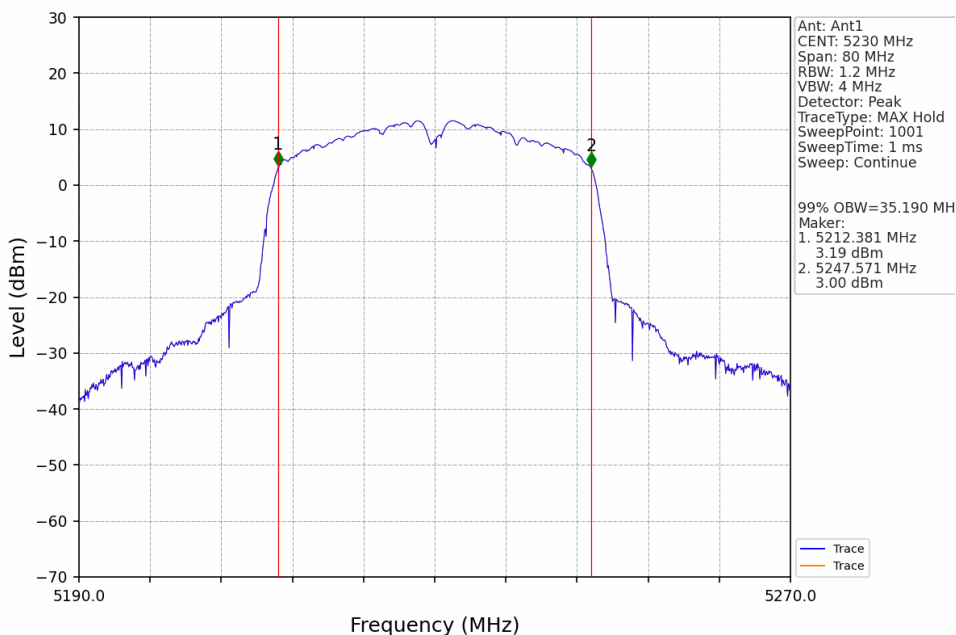
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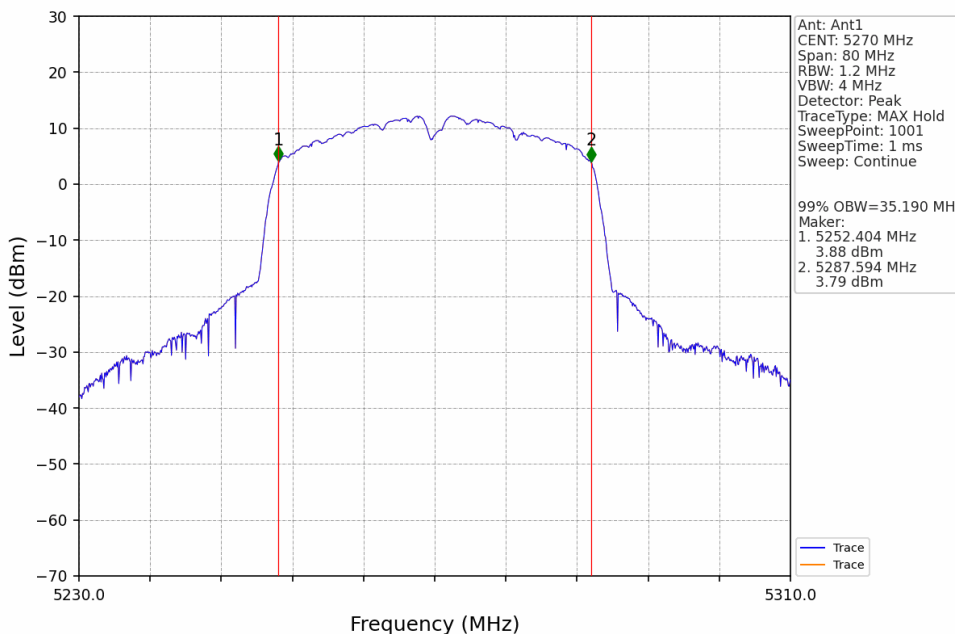
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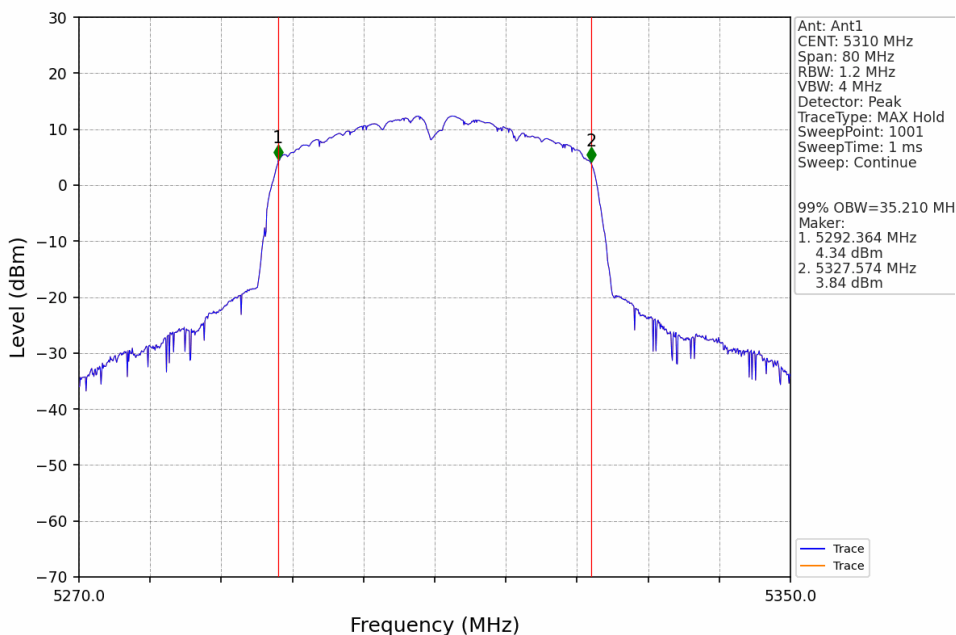
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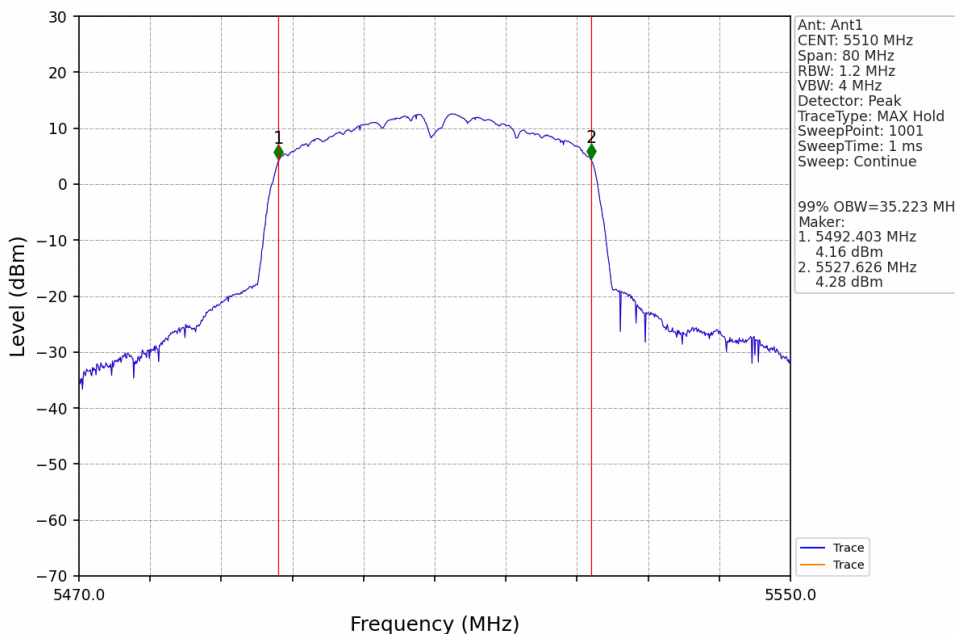
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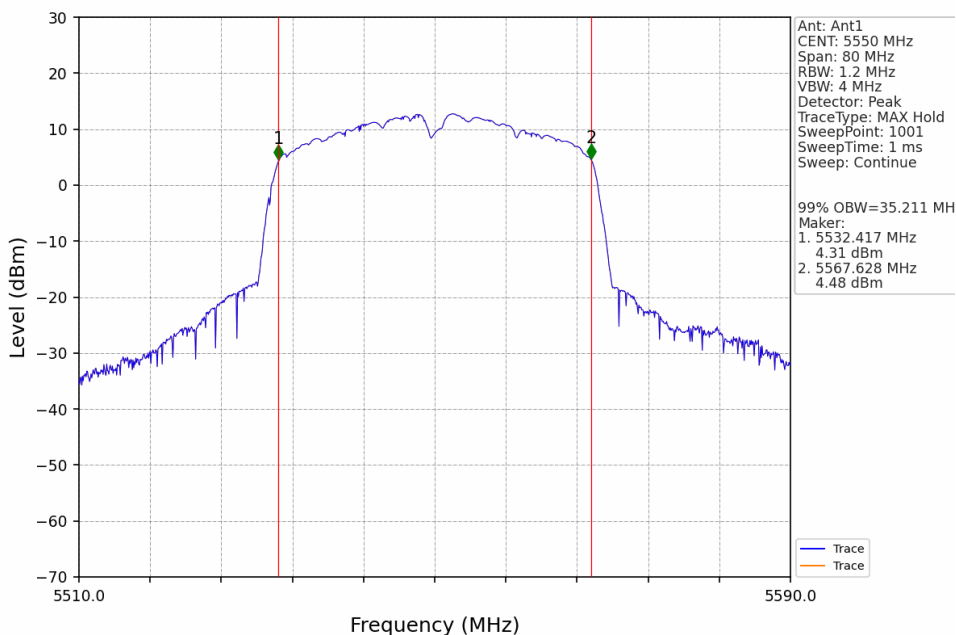
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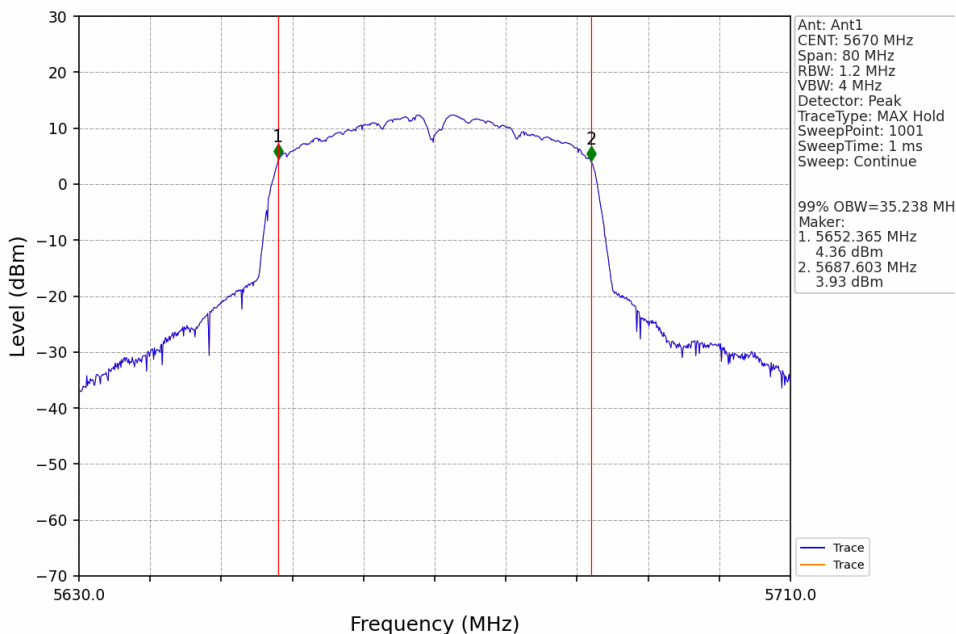
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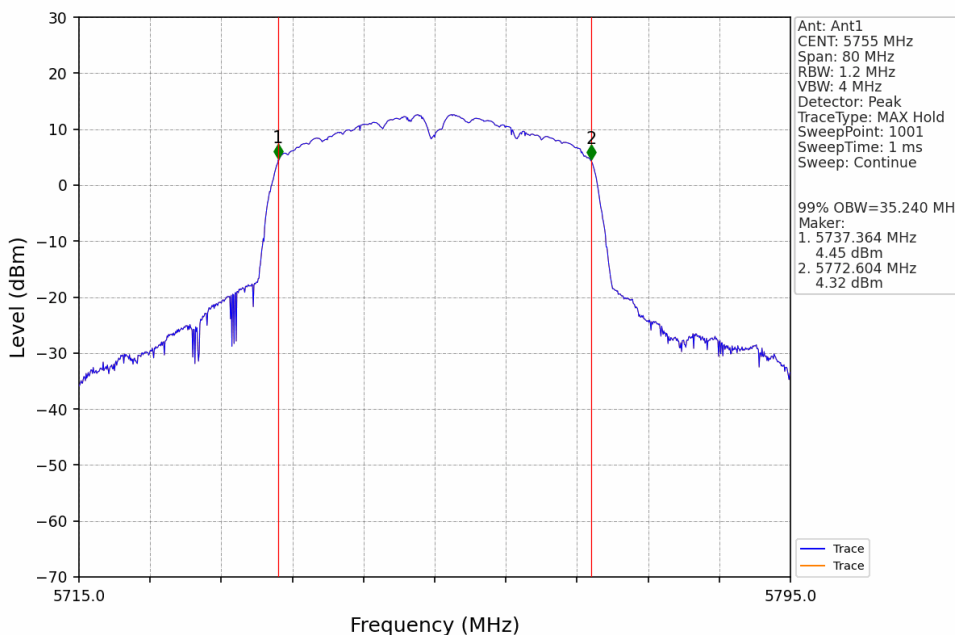
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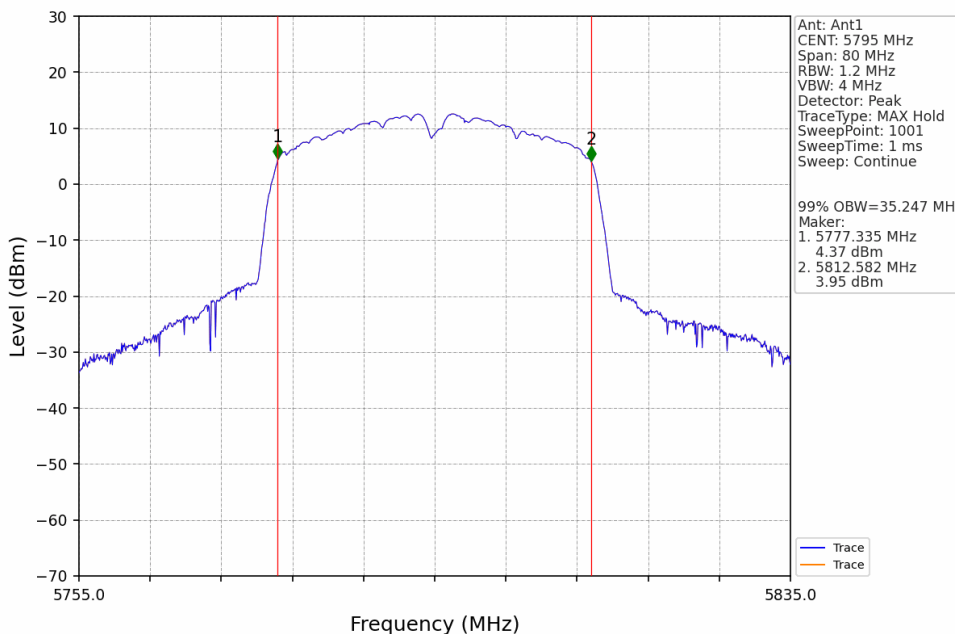
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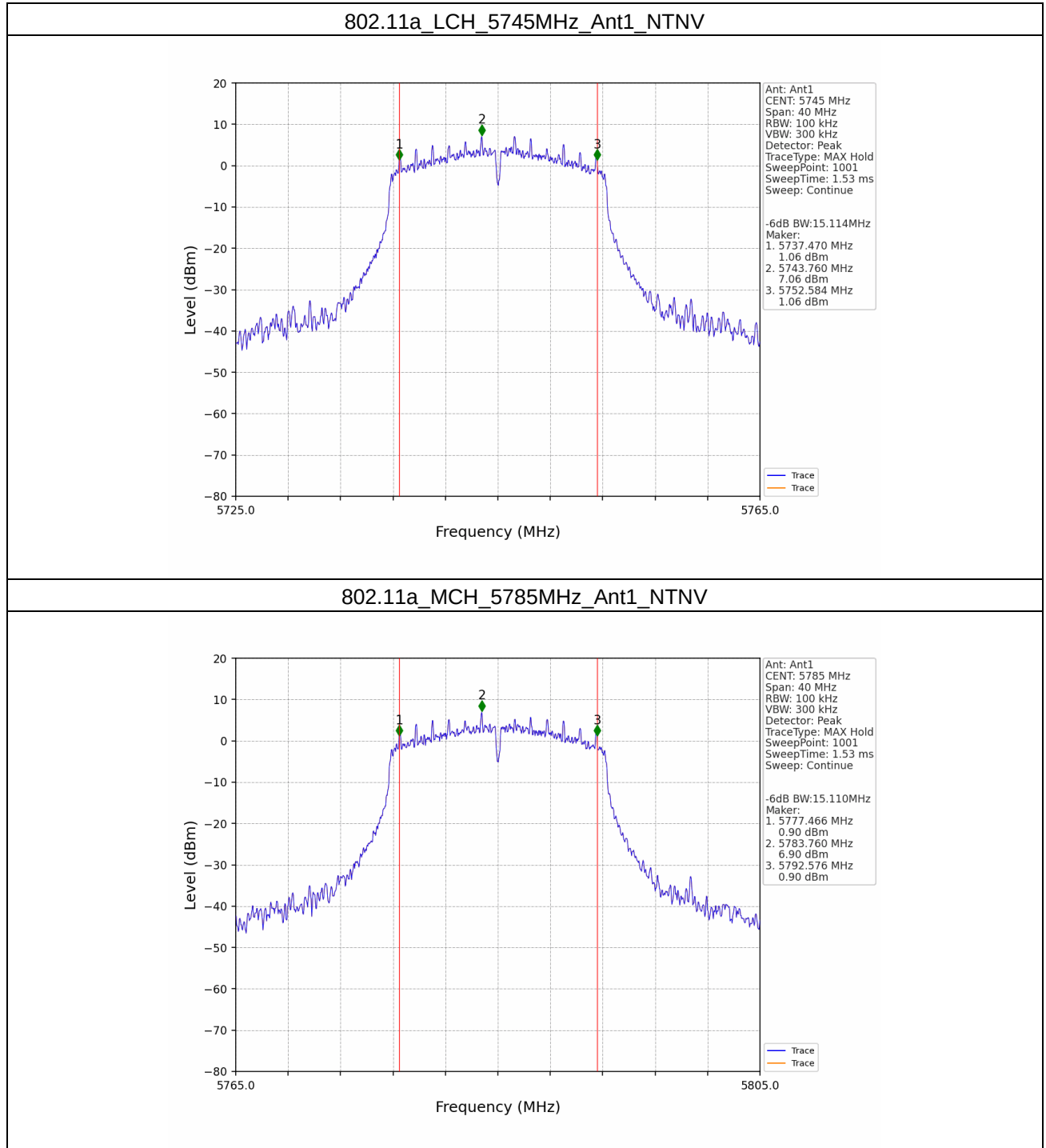
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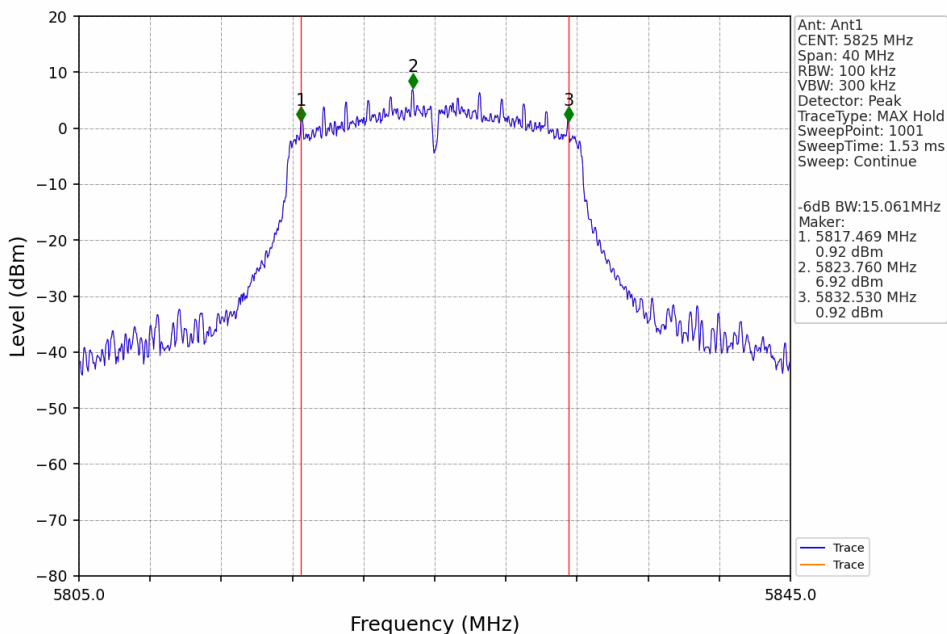
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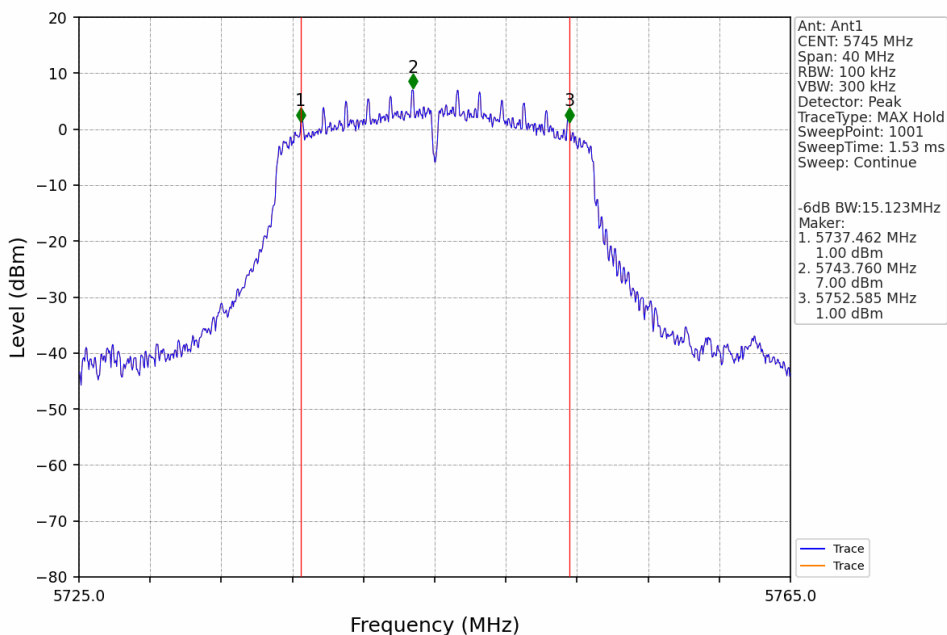
2.2.2 6dB BW



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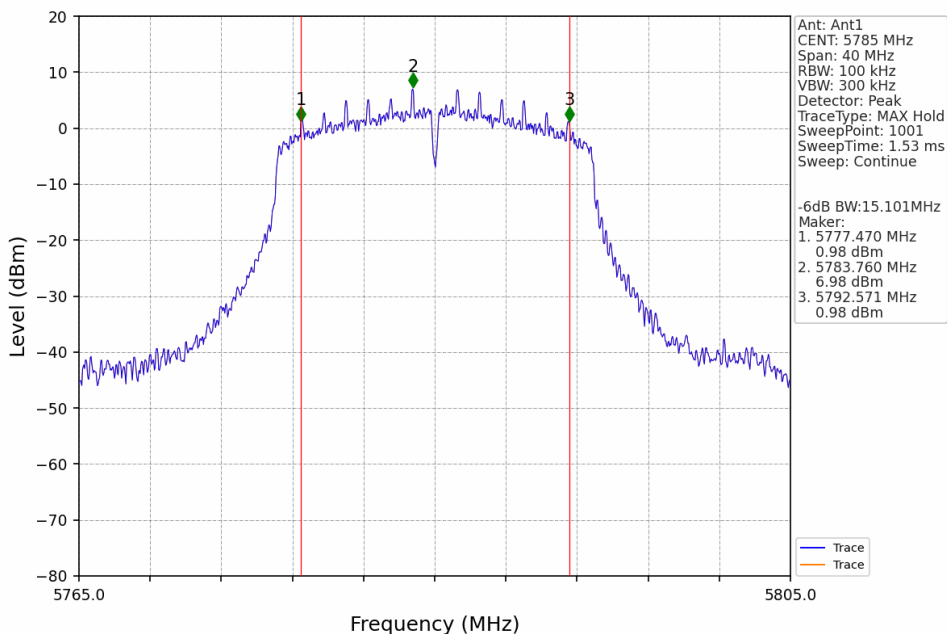
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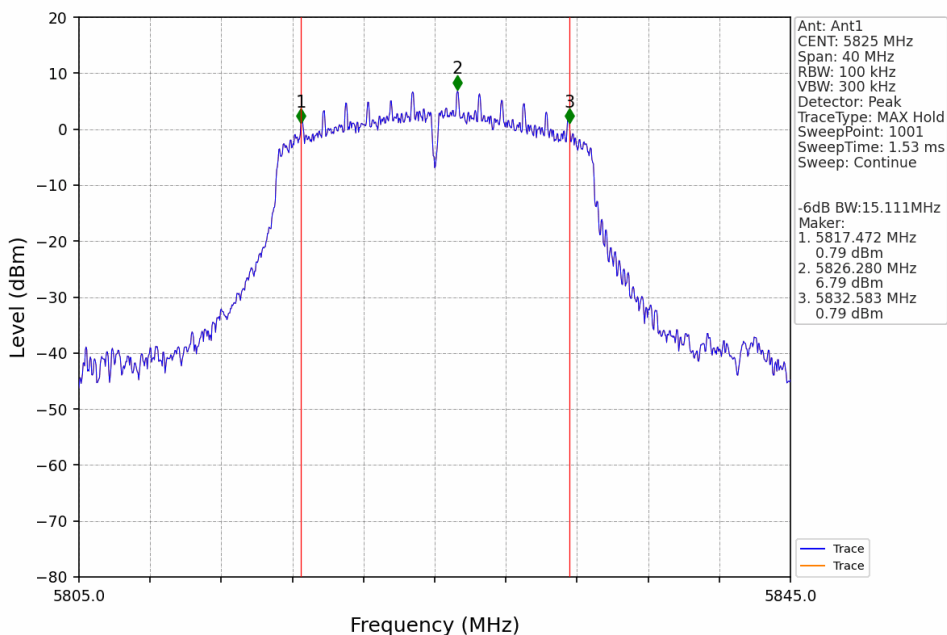
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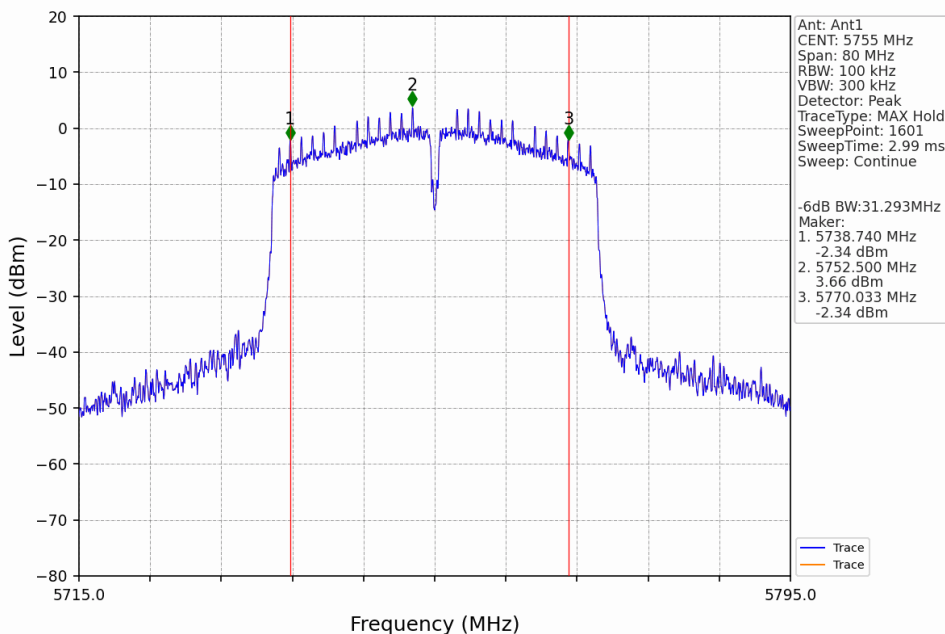
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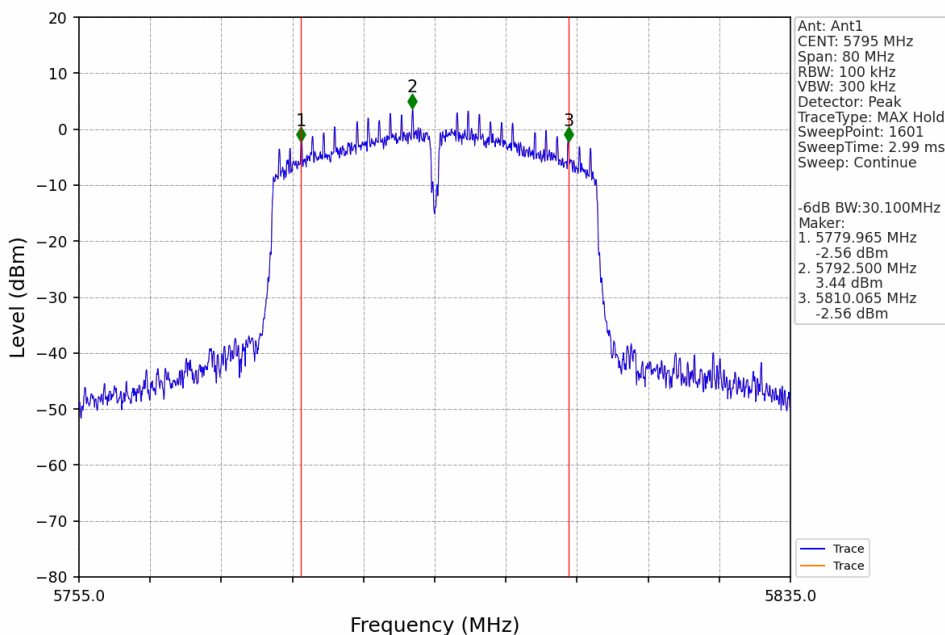
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



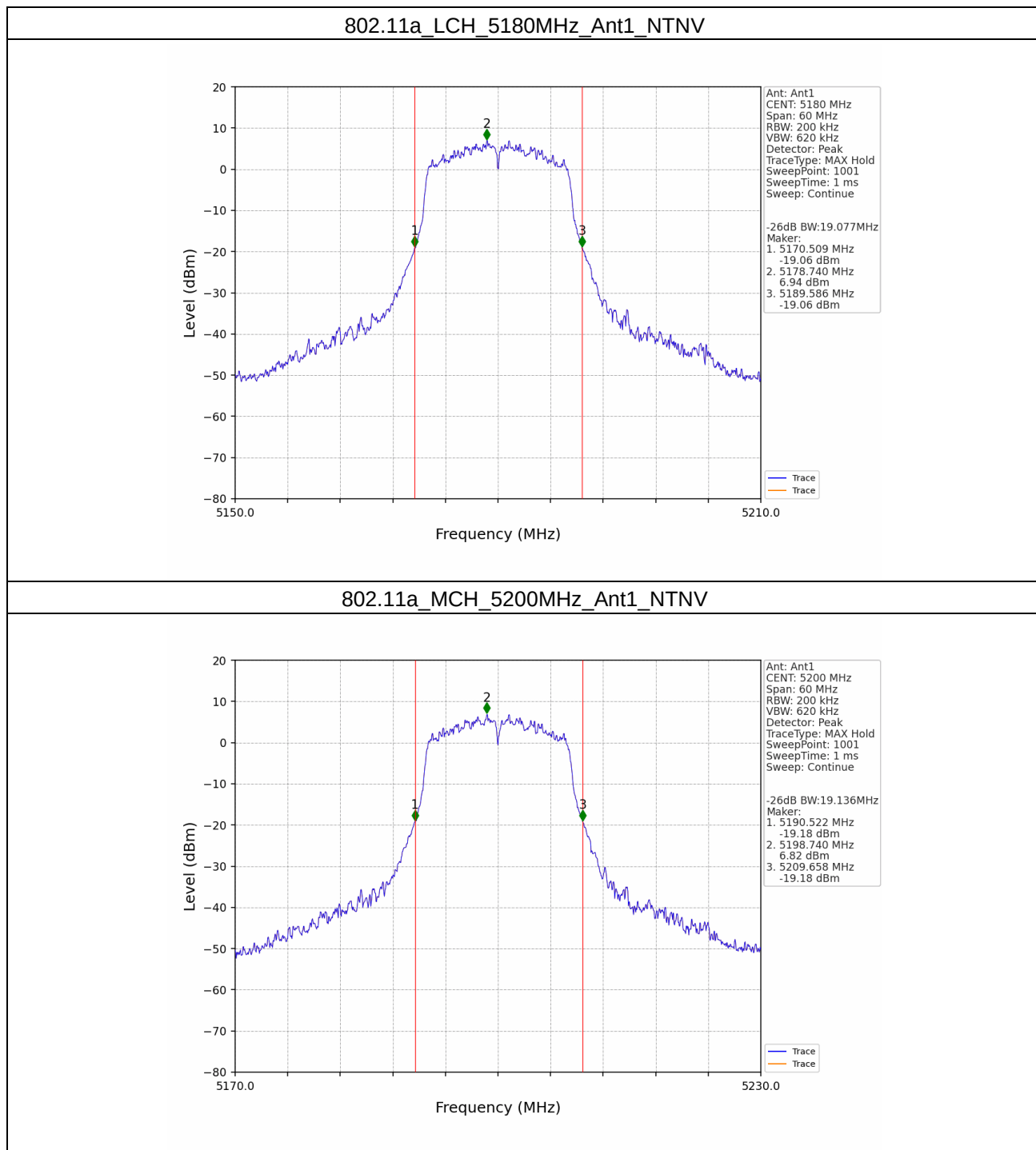
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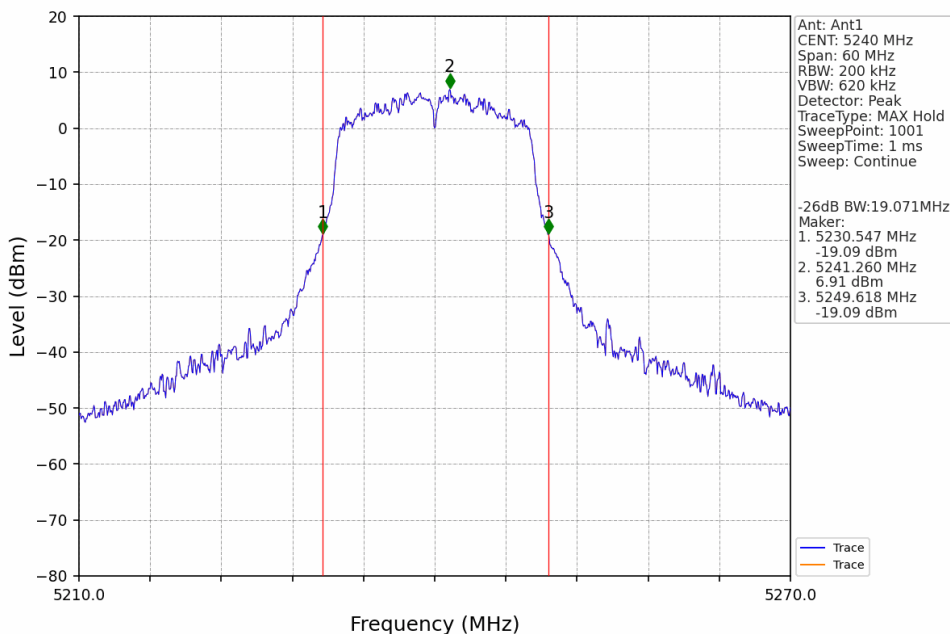
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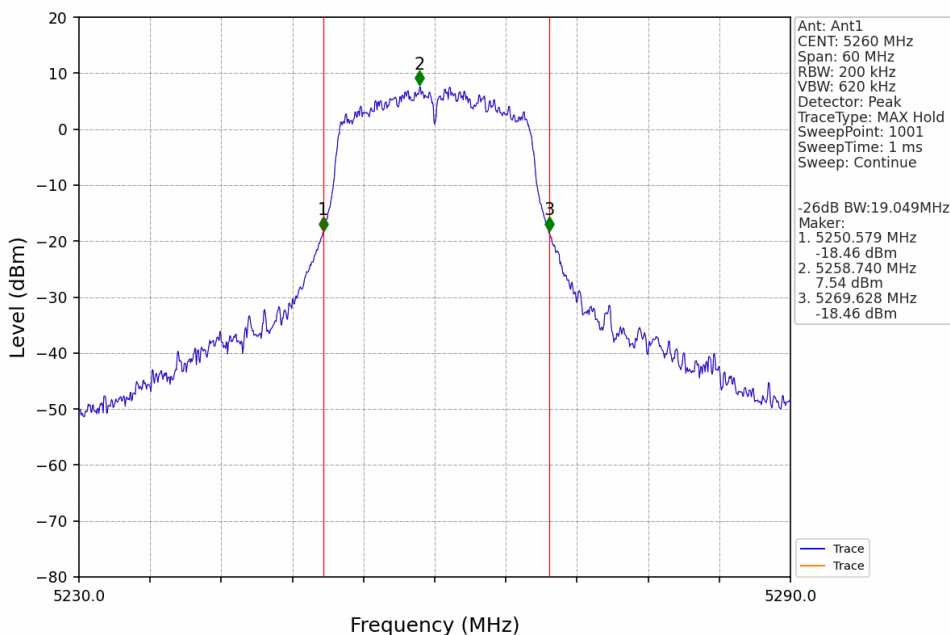
2.2.3 26dB BW



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



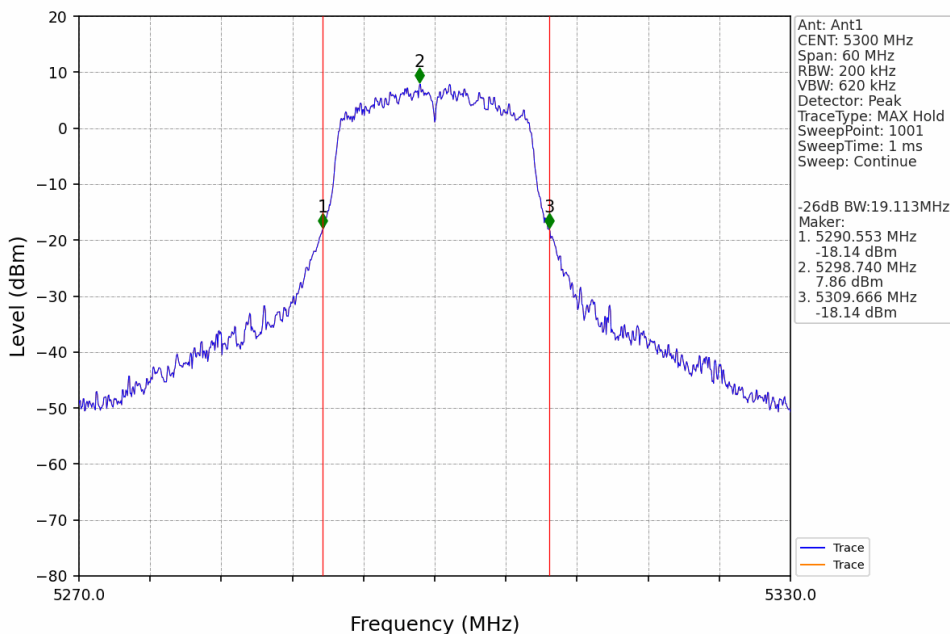
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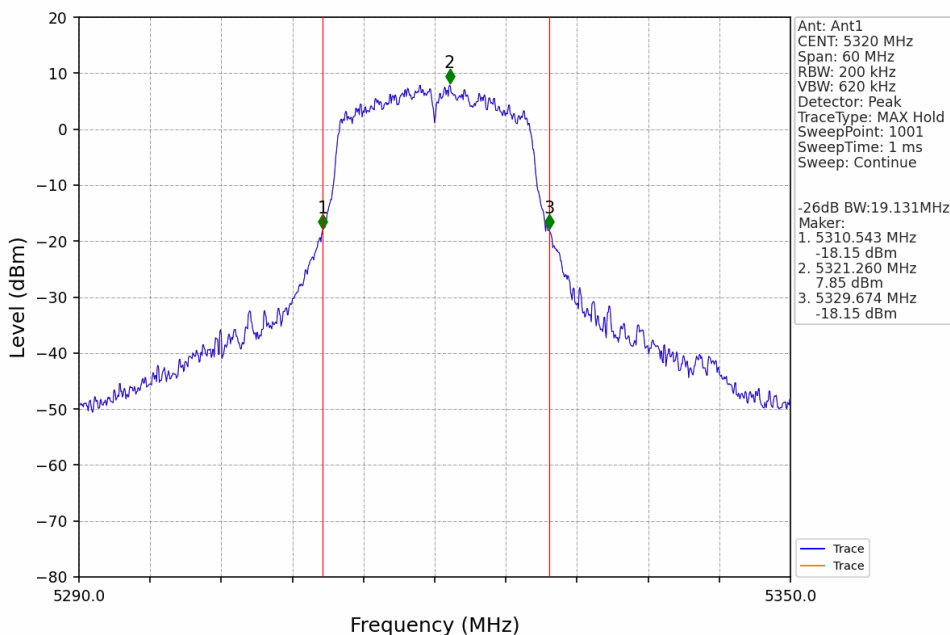
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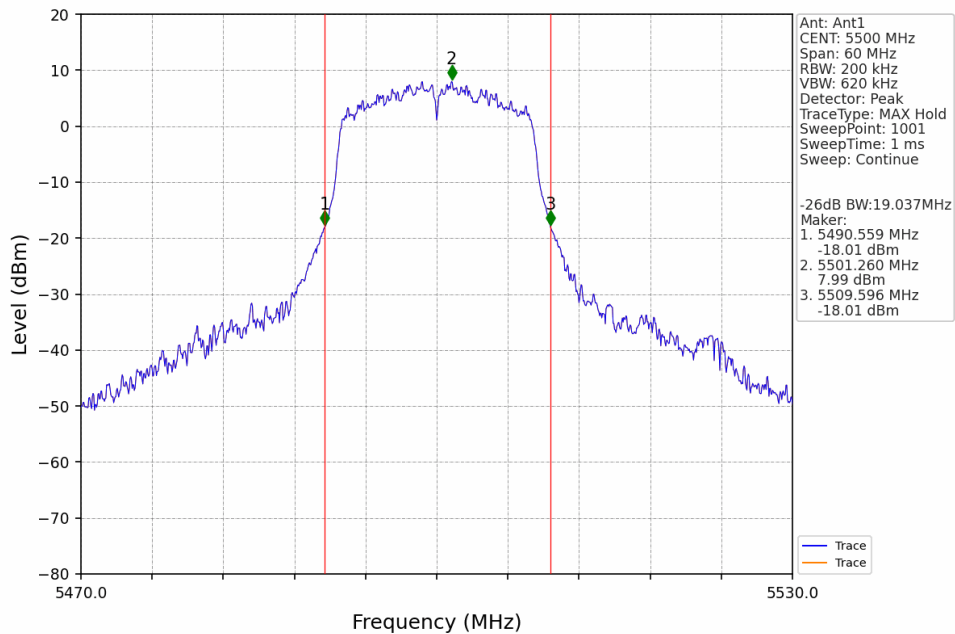
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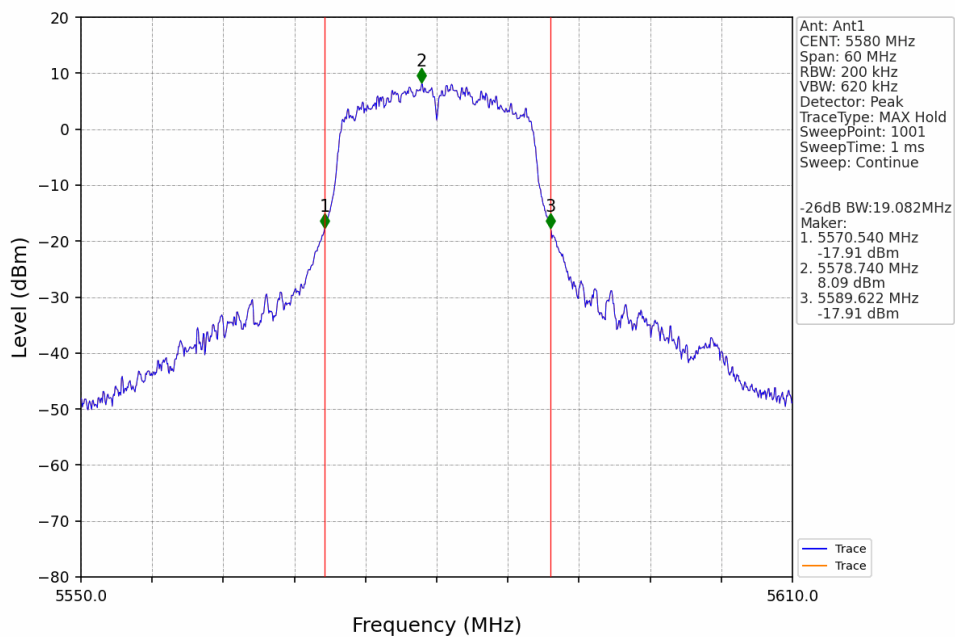
802.11a_HCH_5320MHz_Ant1_NTNV



802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



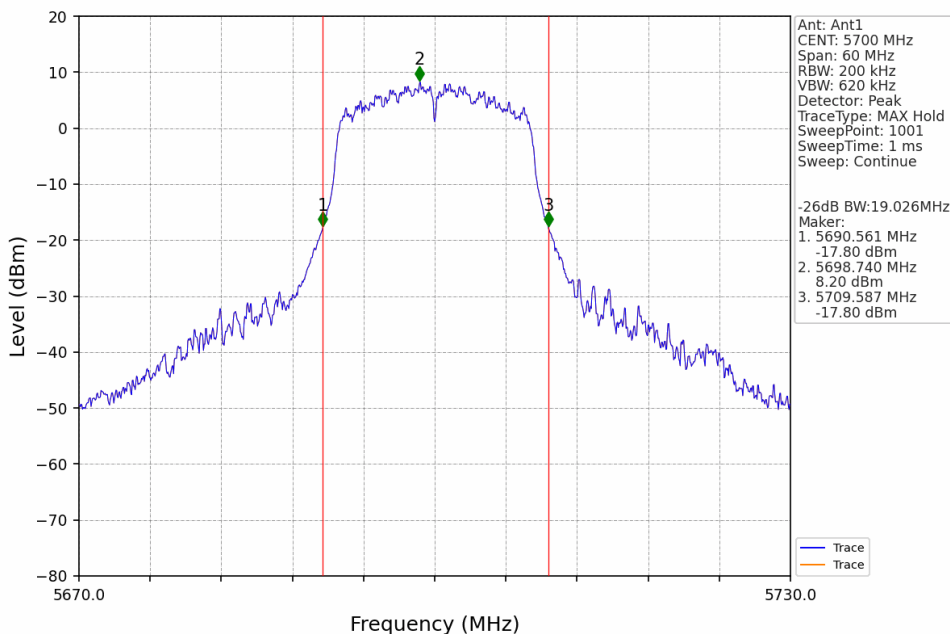
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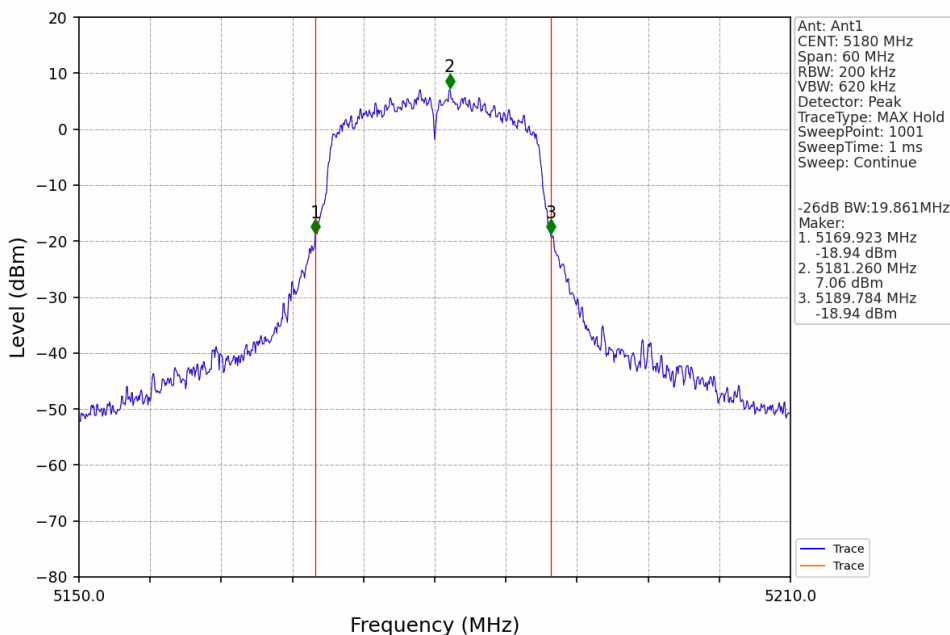
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



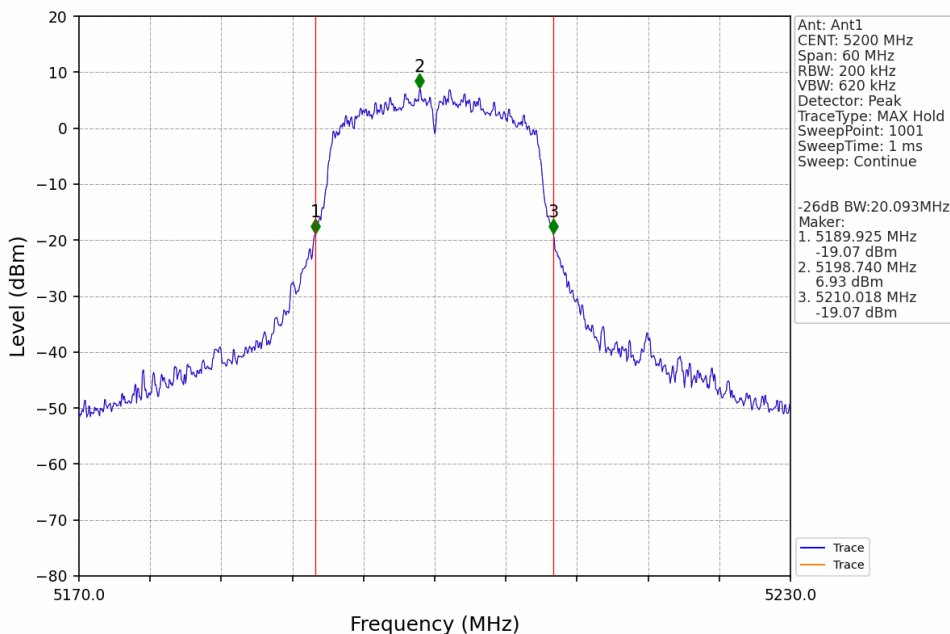
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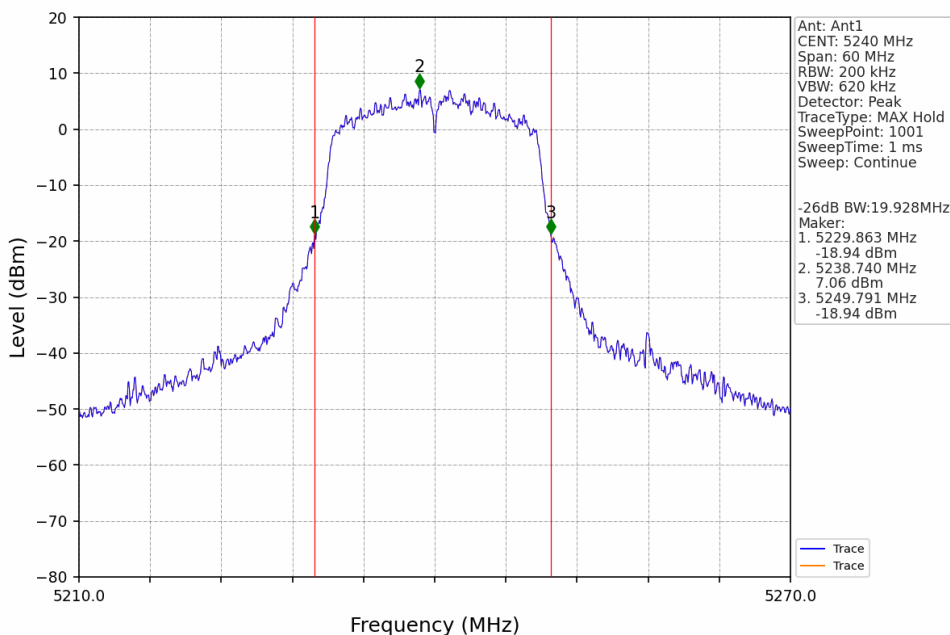
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



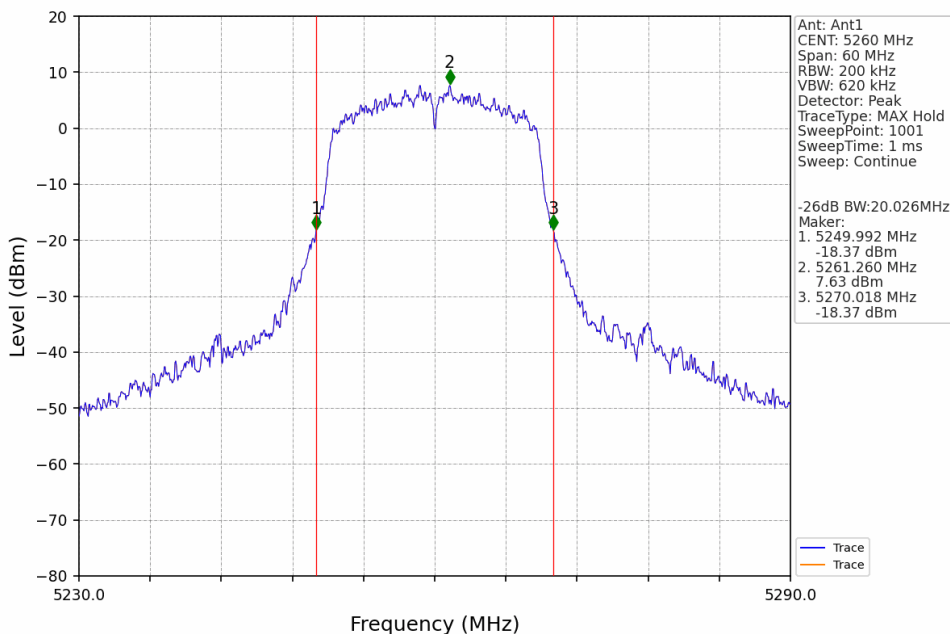
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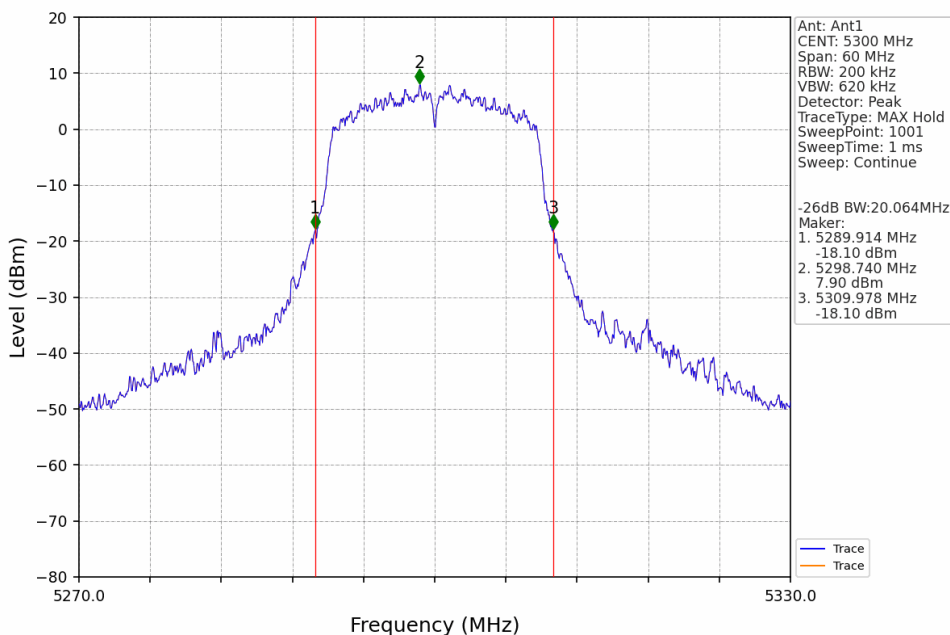
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



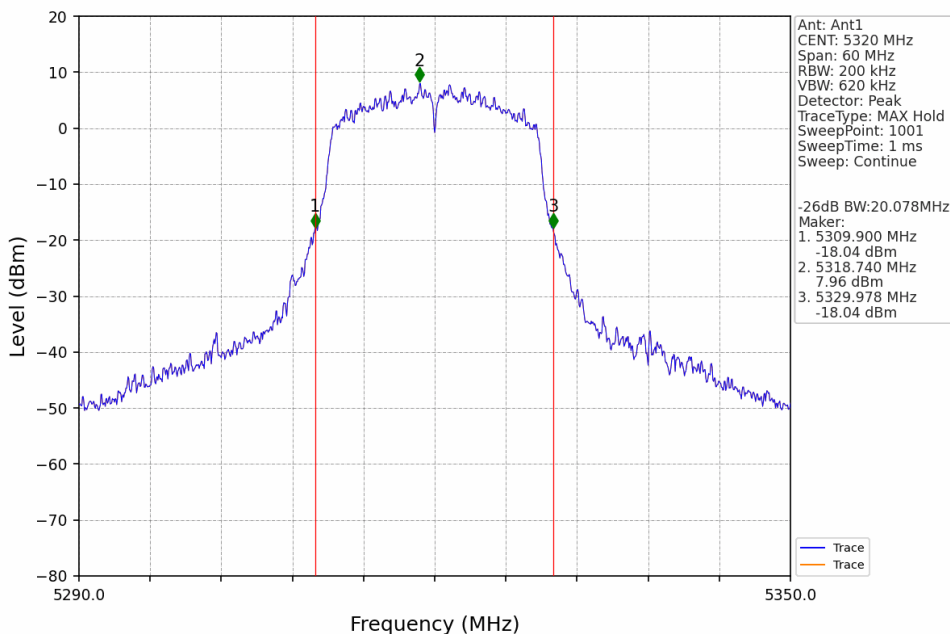
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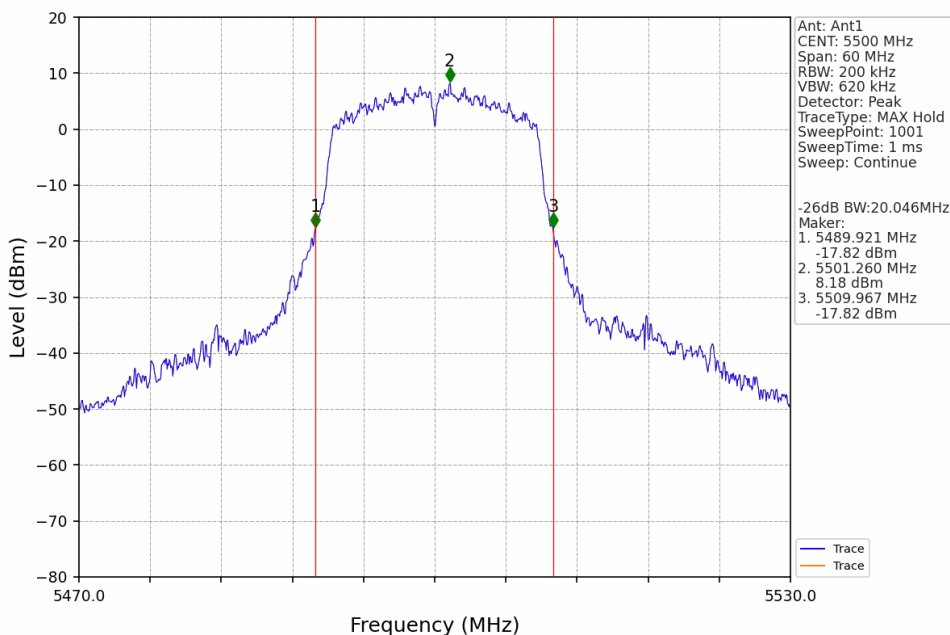
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



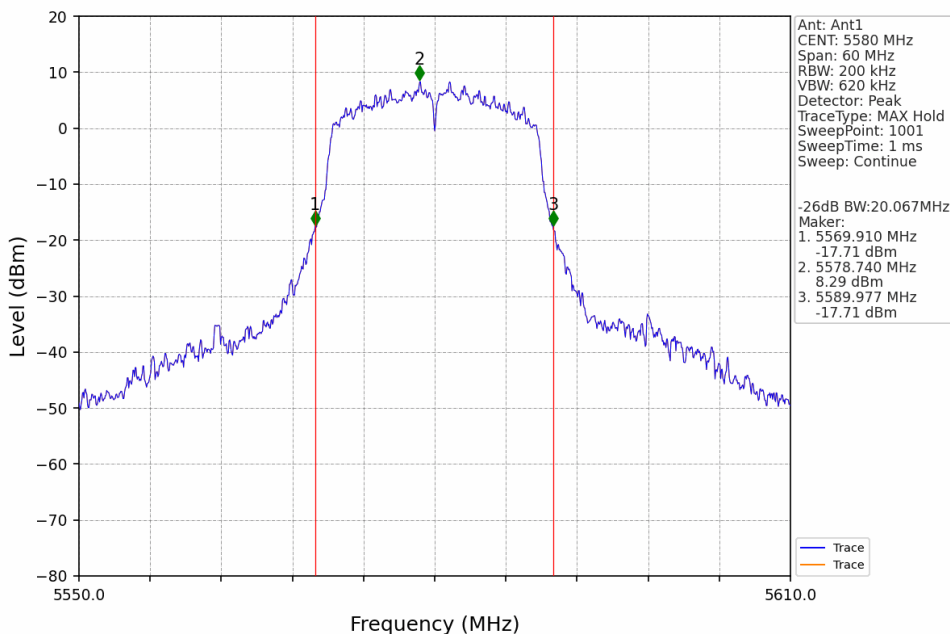
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



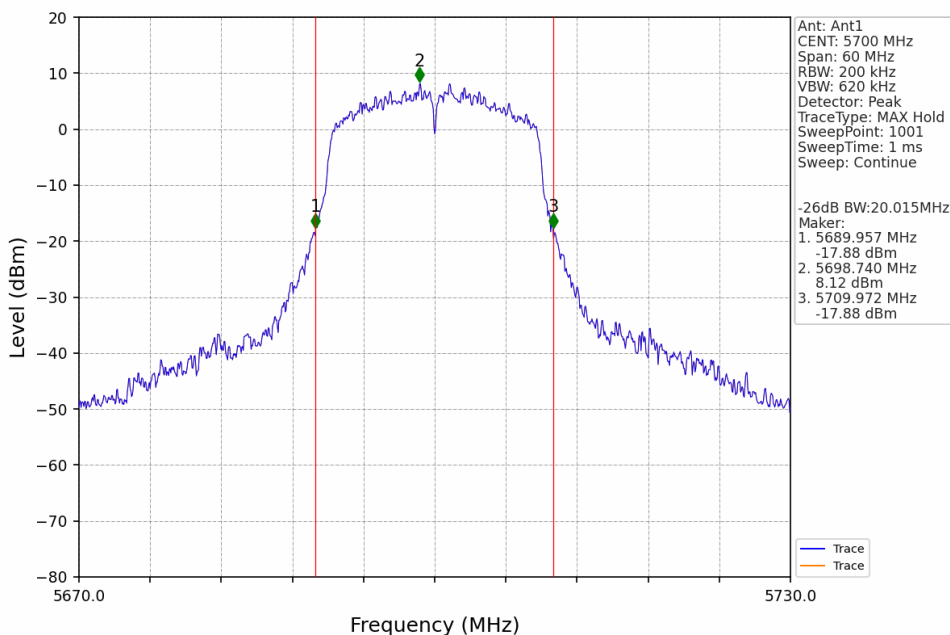
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802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



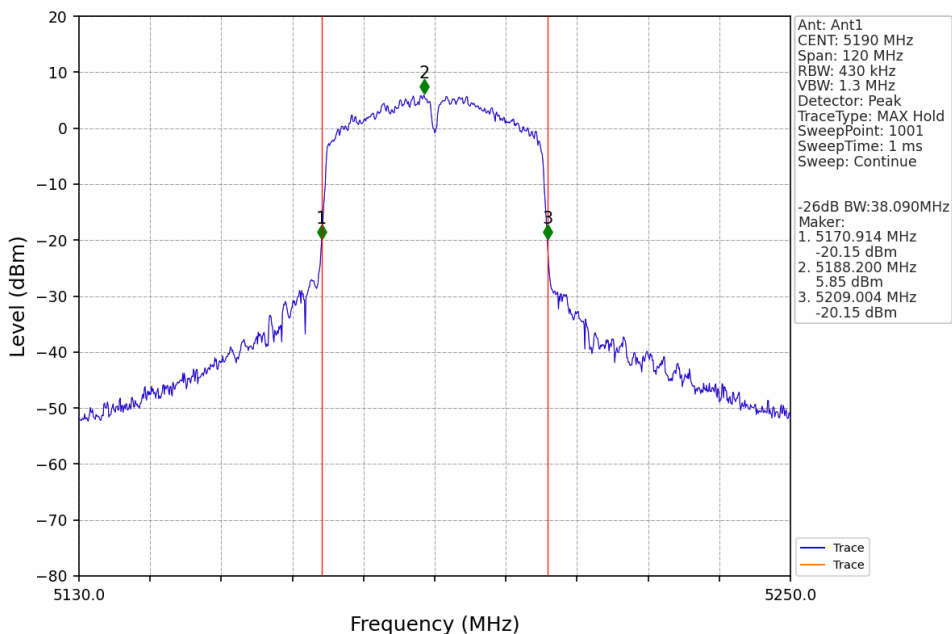
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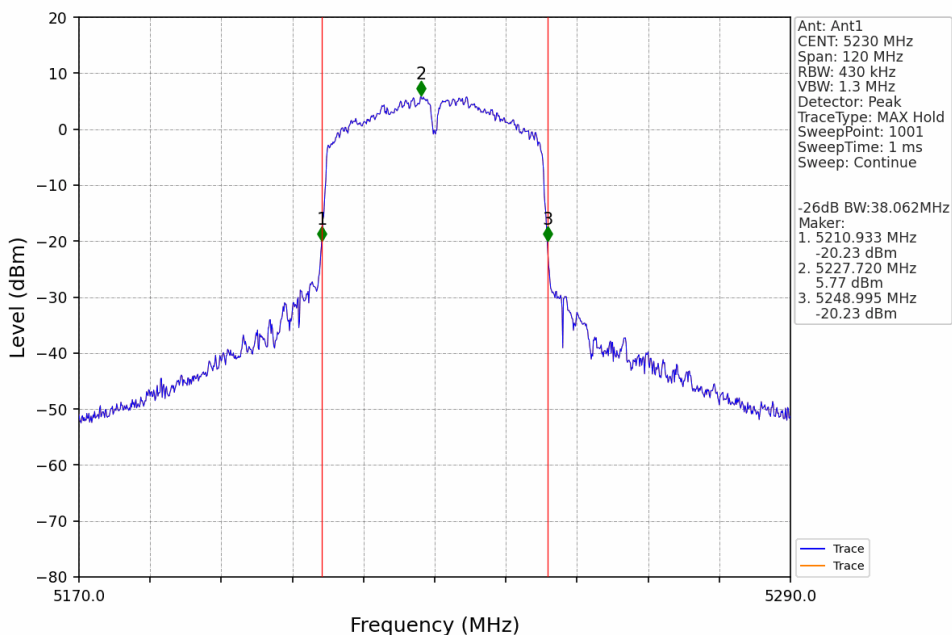
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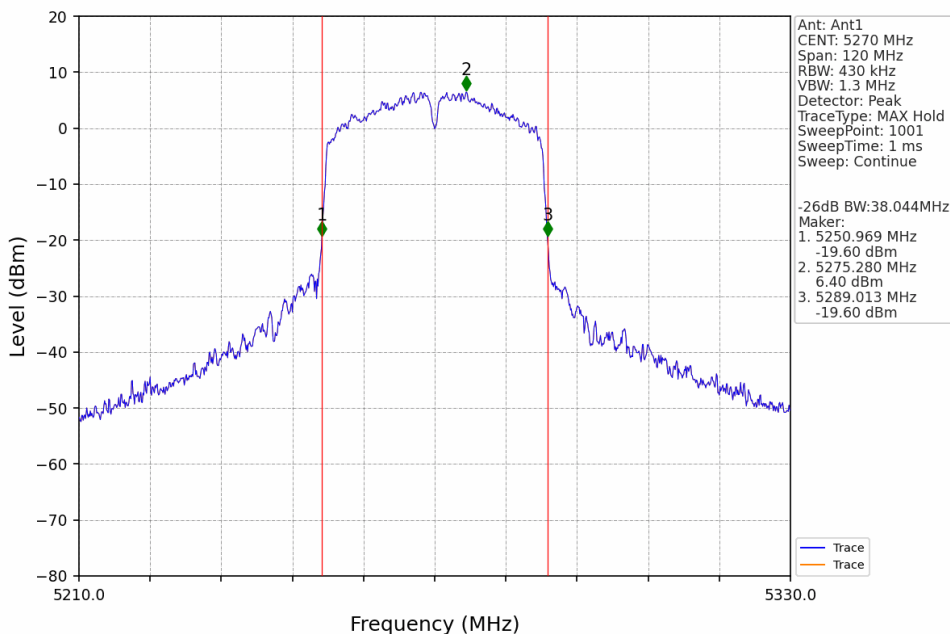
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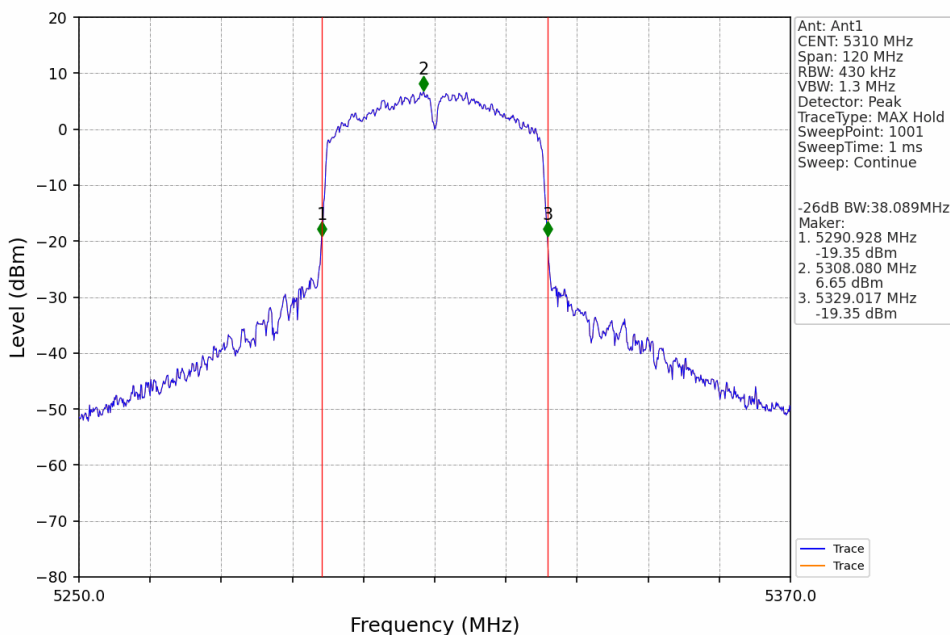
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



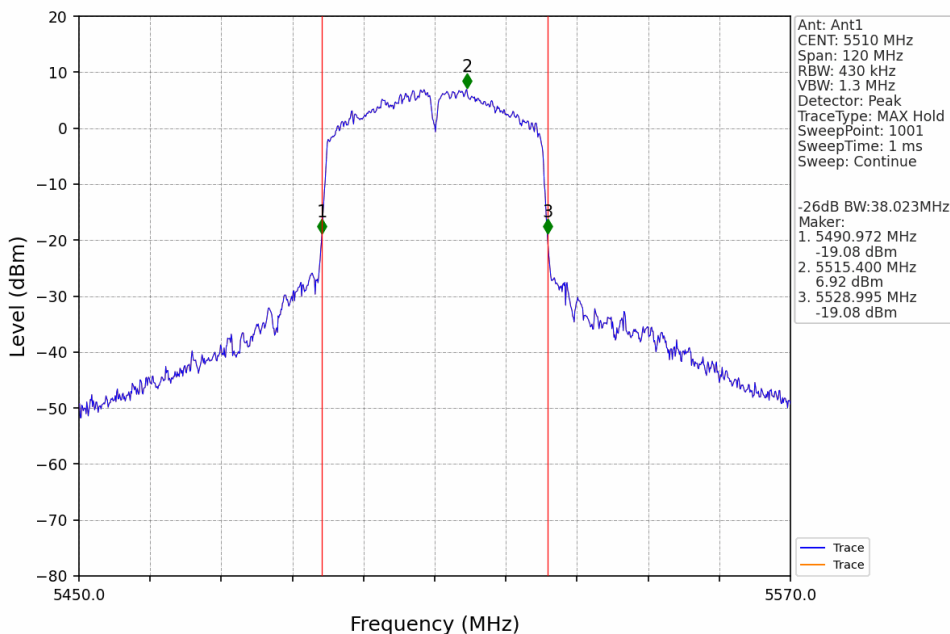
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



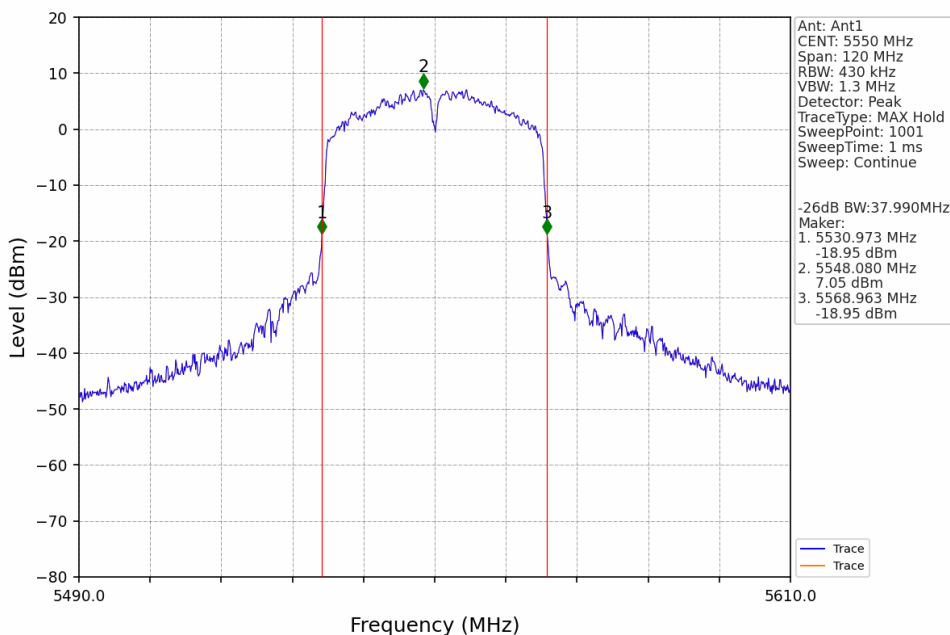
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



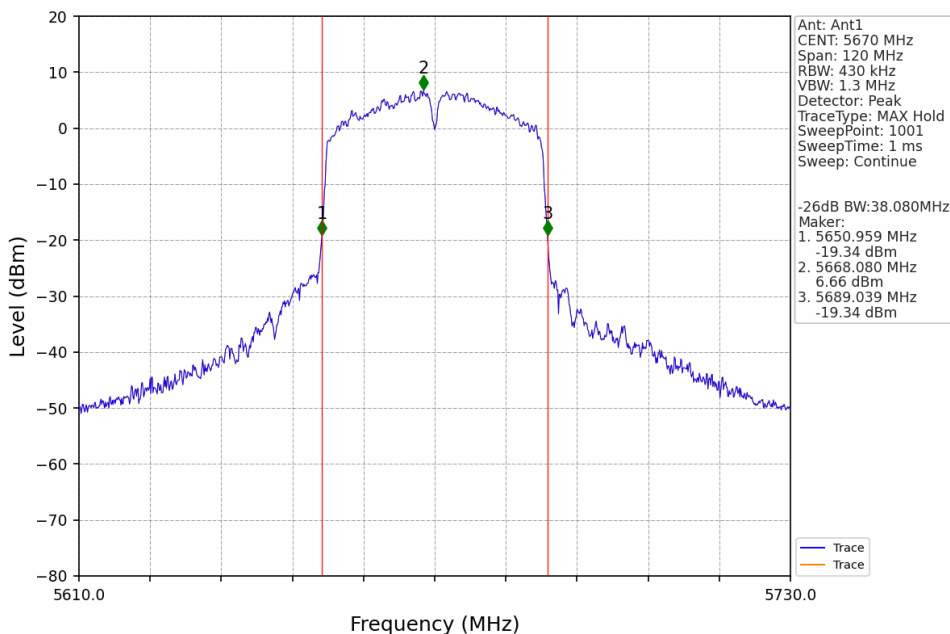
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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	15.70	<=23.98	Pass
		5200	15.58	<=23.98	Pass
		5240	15.67	<=23.98	Pass
		5260	16.28	<=23.8	Pass
		5300	16.59	<=23.81	Pass
		5320	16.61	<=23.82	Pass
		5500	16.78	<=23.8	Pass
		5580	16.98	<=23.81	Pass
		5700	16.84	<=23.79	Pass
		5745	17.03	<=30	Pass
		5785	16.90	<=30	Pass
		5825	16.82	<=30	Pass
802.11n (HT20)	SISO	5180	15.68	<=23.98	Pass
		5200	15.49	<=23.98	Pass
		5240	15.65	<=23.98	Pass
		5260	16.26	<=23.98	Pass
		5300	16.55	<=23.98	Pass
		5320	16.60	<=23.98	Pass
		5500	16.73	<=23.98	Pass
		5580	16.85	<=23.98	Pass
		5700	16.76	<=23.98	Pass
		5745	16.96	<=30	Pass
		5785	16.79	<=30	Pass
		5825	16.57	<=30	Pass
802.11n (HT40)	SISO	5190	14.81	<=23.98	Pass
		5230	14.78	<=23.98	Pass
		5270	15.47	<=23.98	Pass
		5310	15.72	<=23.98	Pass
		5510	15.88	<=23.98	Pass
		5550	16.01	<=23.98	Pass



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		5670	15.77	≤ 23.98	Pass
		5755	16.03	≤ 30	Pass
		5795	15.90	≤ 30	Pass

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	5.86	≤ 11	Pass
		5200	5.73	≤ 11	Pass
		5240	5.97	≤ 11	Pass
		5260	6.41	≤ 11	Pass
		5300	6.89	≤ 11	Pass
		5320	6.72	≤ 11	Pass
		5500	6.97	≤ 11	Pass
		5580	7.24	≤ 11	Pass
		5700	6.92	≤ 11	Pass
802.11n (HT20)	SISO	5180	5.81	≤ 11	Pass
		5200	5.37	≤ 11	Pass
		5240	3.54	≤ 11	Pass
		5260	6.29	≤ 11	Pass
		5300	6.75	≤ 11	Pass
		5320	6.62	≤ 11	Pass
		5500	6.89	≤ 11	Pass
		5580	6.95	≤ 11	Pass
		5700	6.95	≤ 11	Pass
802.11n (HT40)	SISO	5190	2.18	≤ 11	Pass
		5230	2.22	≤ 11	Pass
		5270	2.89	≤ 11	Pass
		5310	2.86	≤ 11	Pass
		5510	3.27	≤ 11	Pass
		5550	3.16	≤ 11	Pass
		5670	2.91	≤ 11	Pass



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SZEMC-TRF-01 Rev. A/1

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4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	4.78	<=30	Pass
		5785	4.42	<=30	Pass
		5825	4.43	<=30	Pass
802.11n (HT20)	SISO	5745	4.55	<=30	Pass
		5785	4.16	<=30	Pass
		5825	4.10	<=30	Pass
802.11n (HT40)	SISO	5755	0.73	<=30	Pass
		5795	0.42	<=30	Pass



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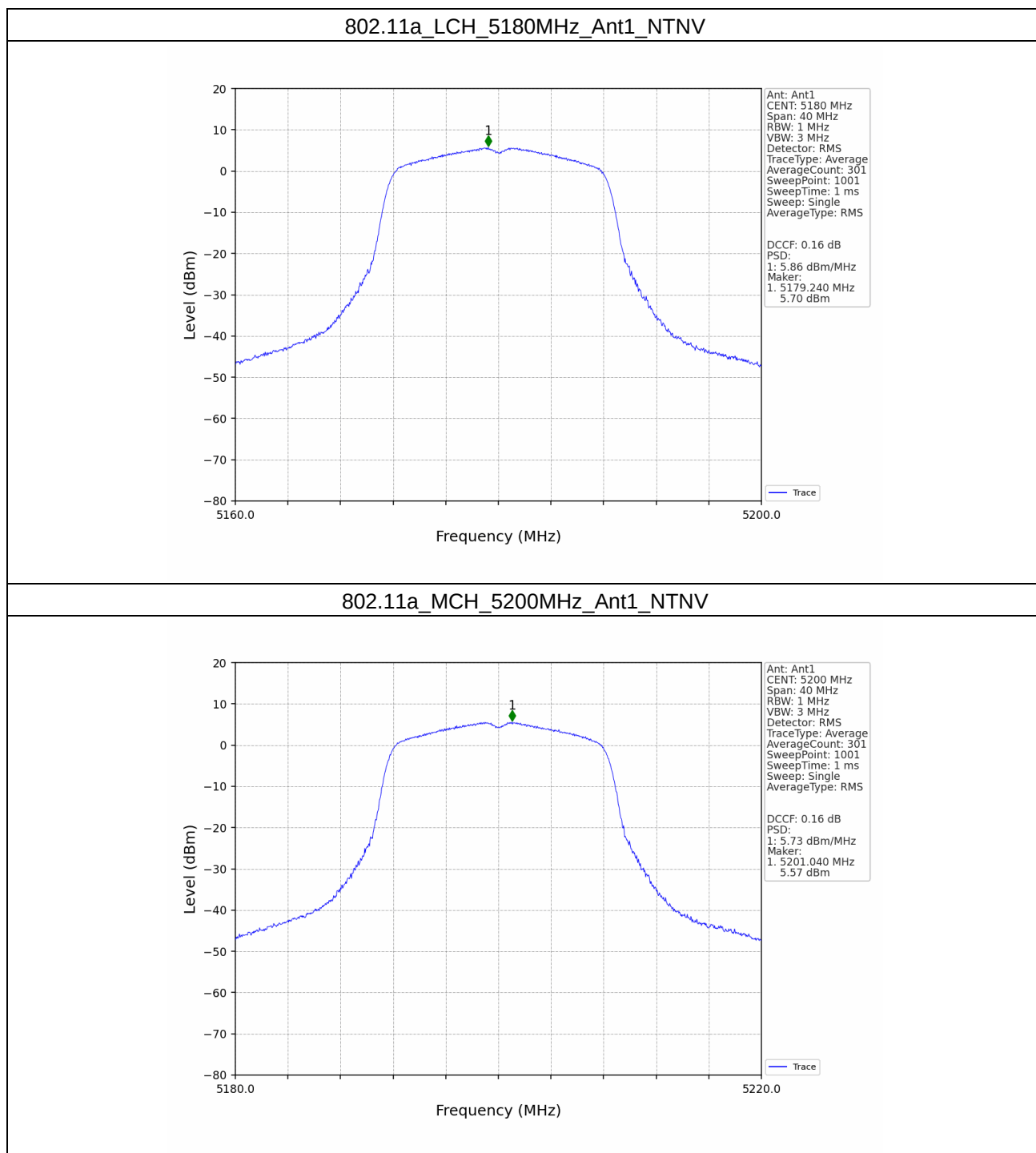
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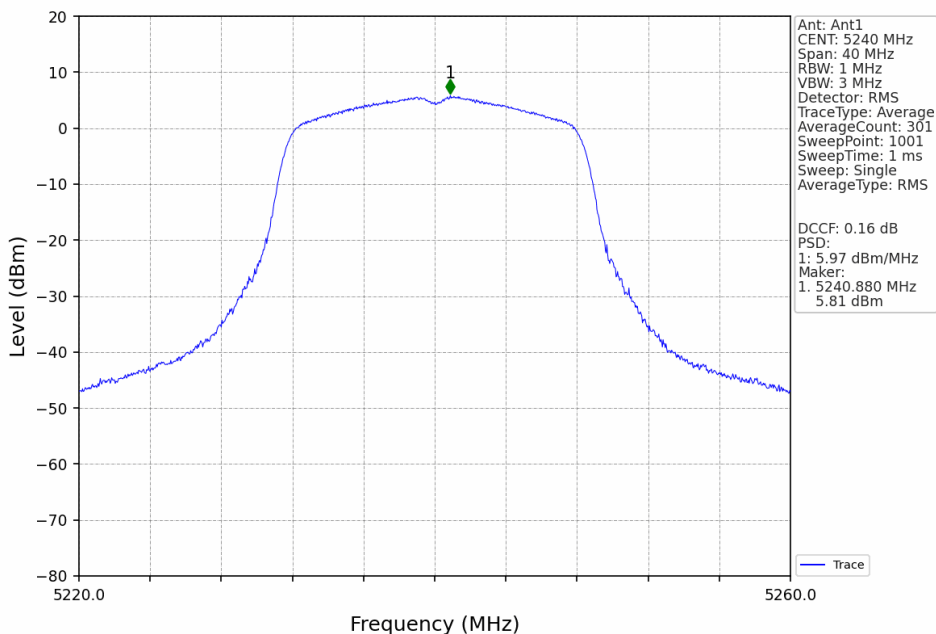
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4.2 Test Graph

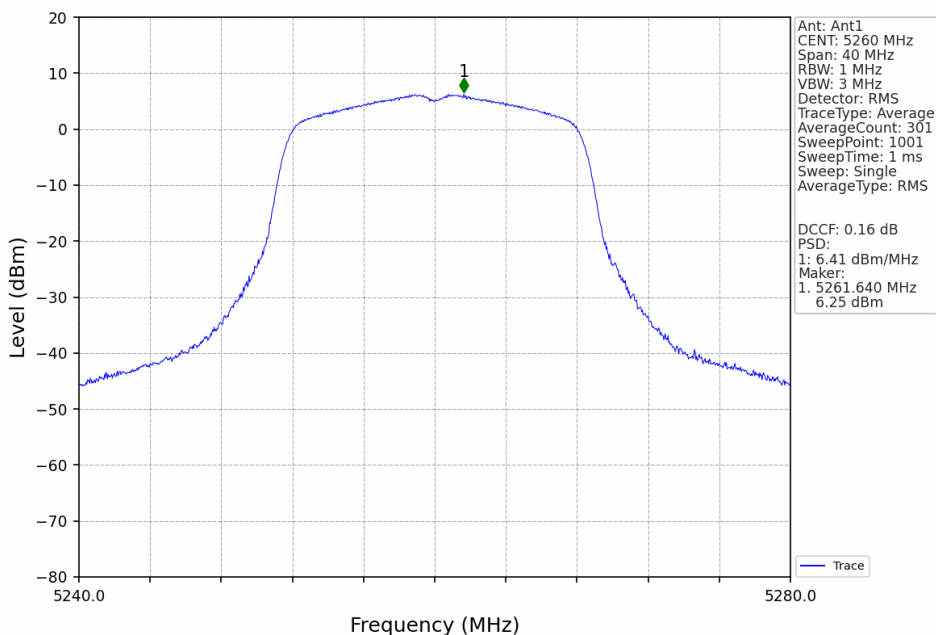
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802.11a_HCH_5240MHz_Ant1_NTNV



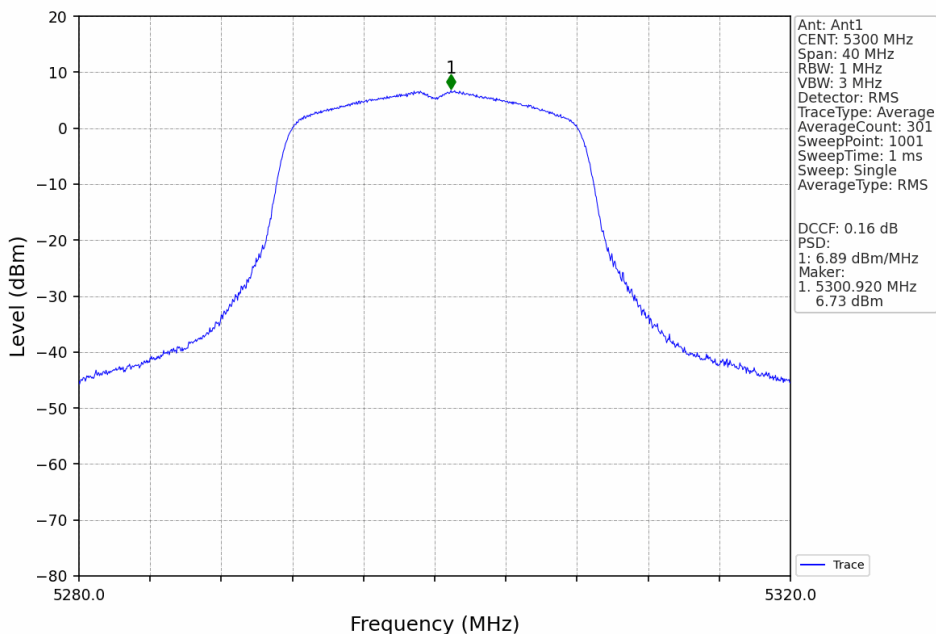
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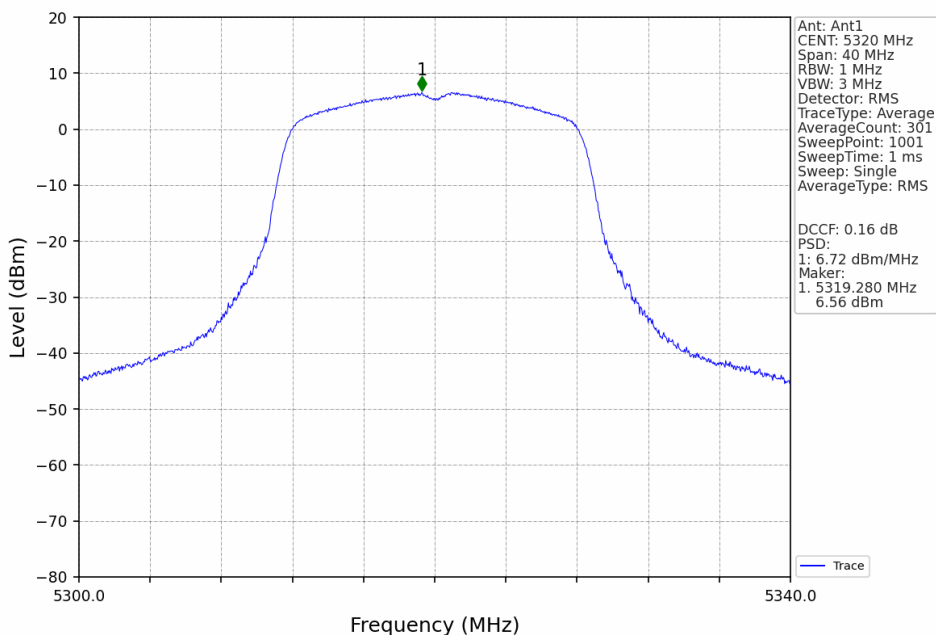
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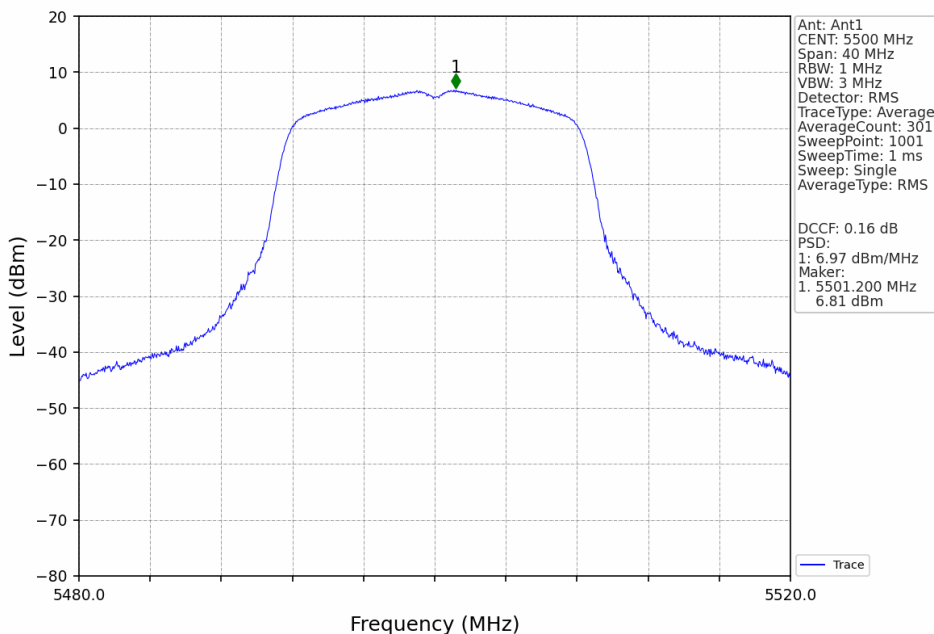
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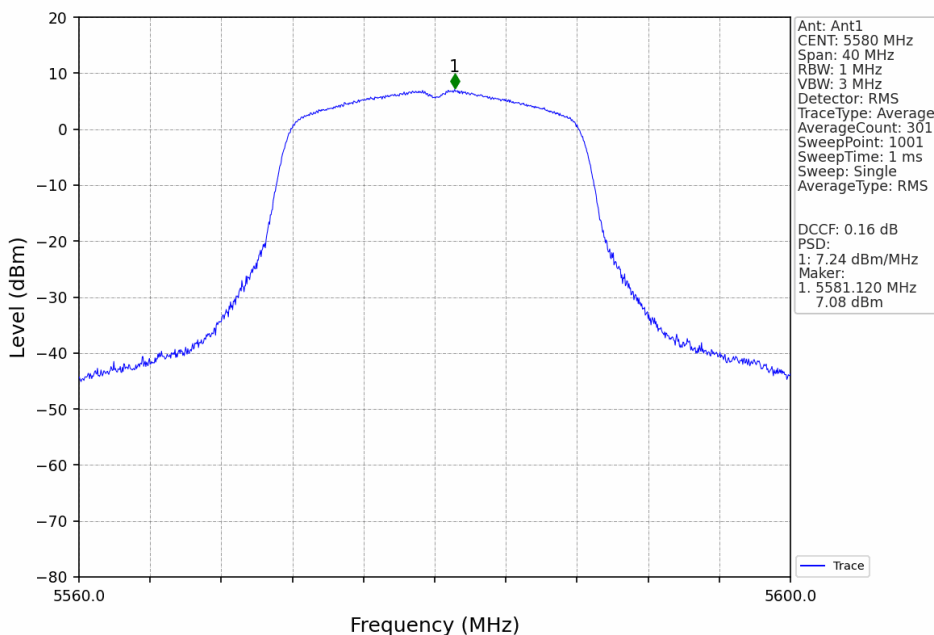
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802.11a_LCH_5500MHz_Ant1_NTNV



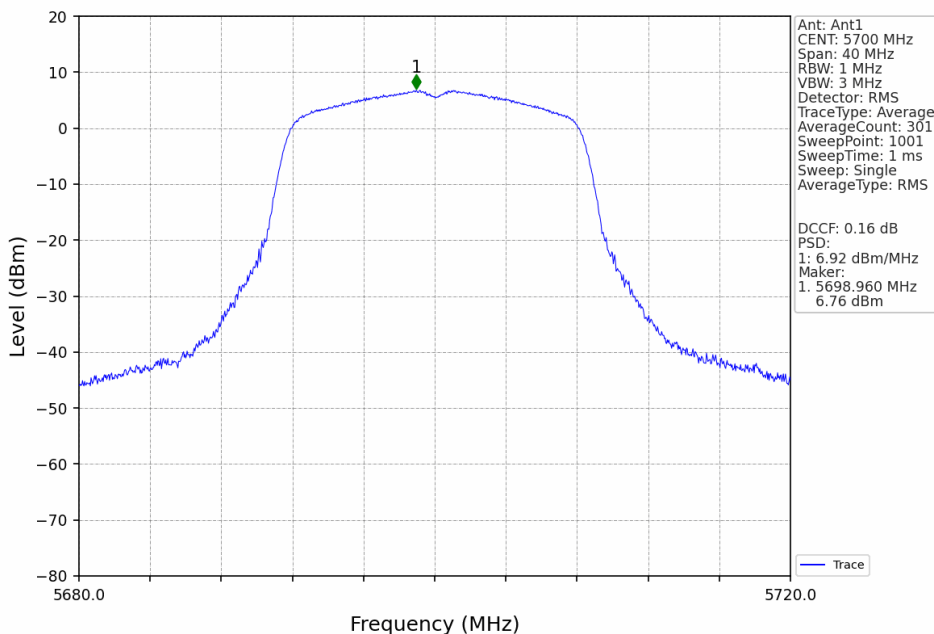
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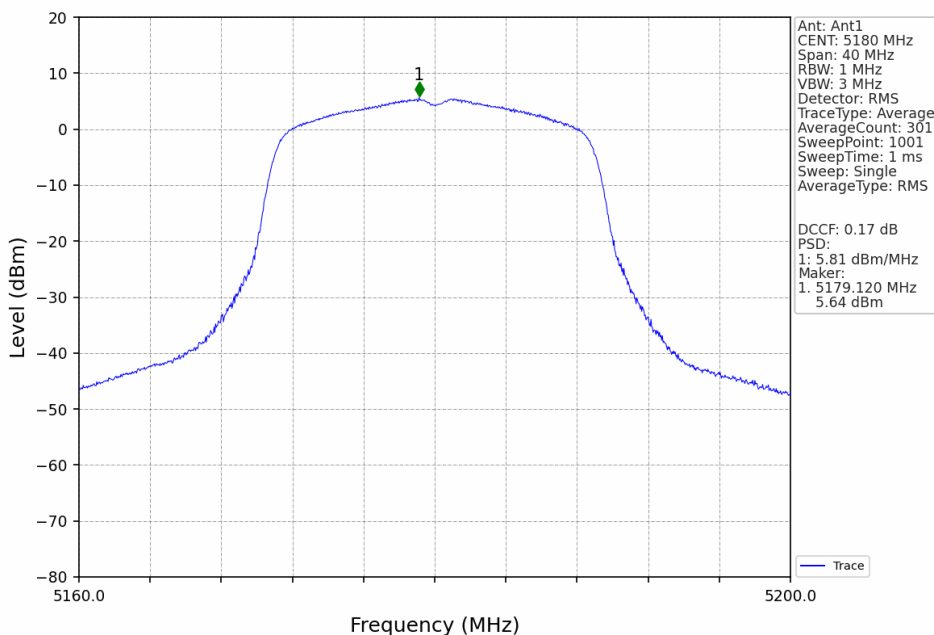
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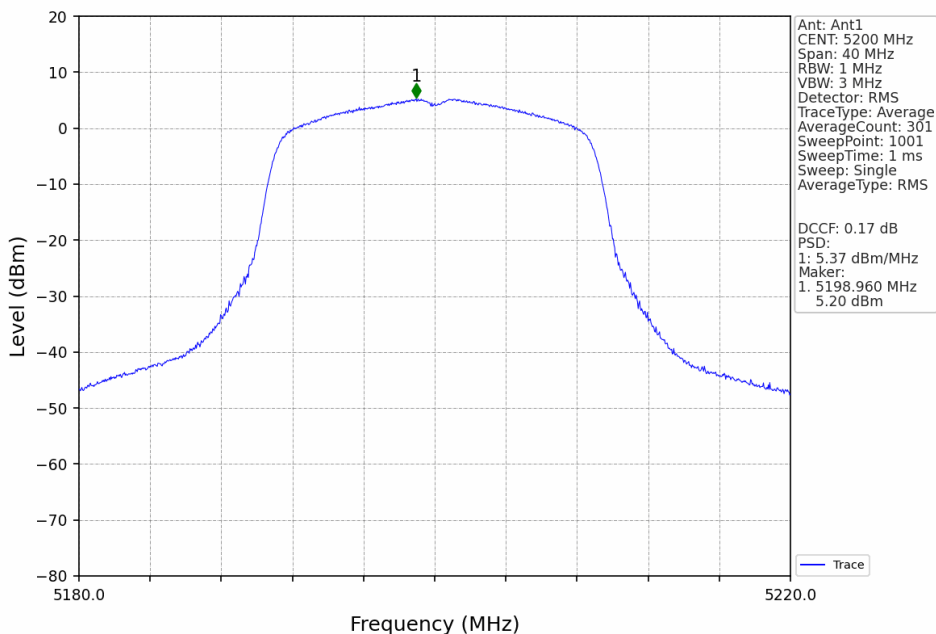
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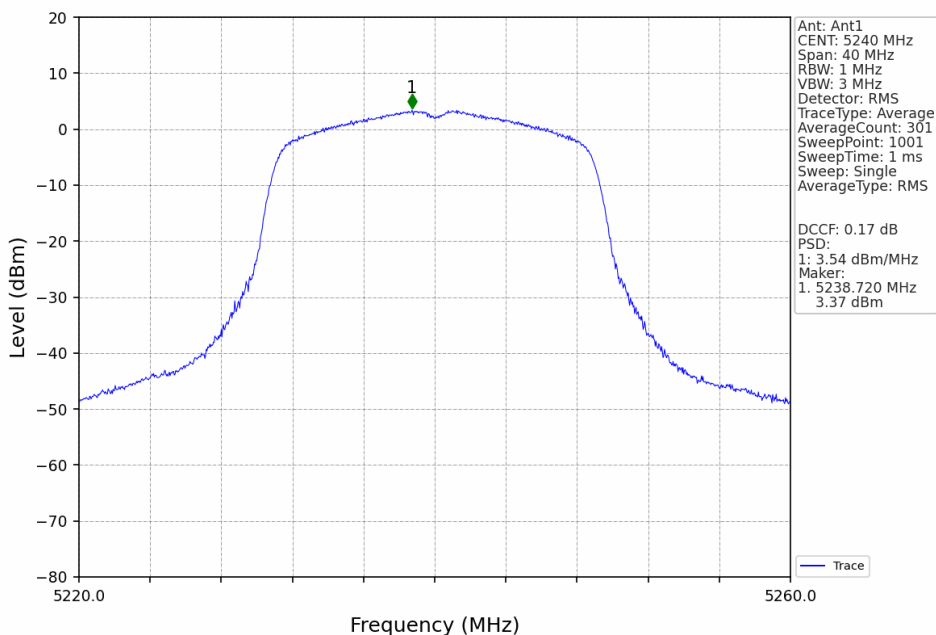
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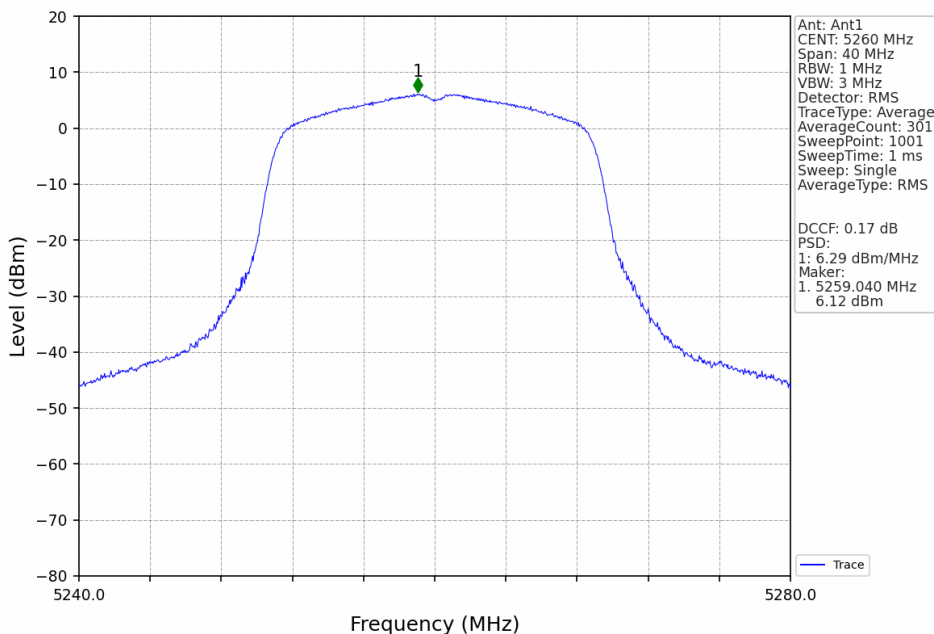
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



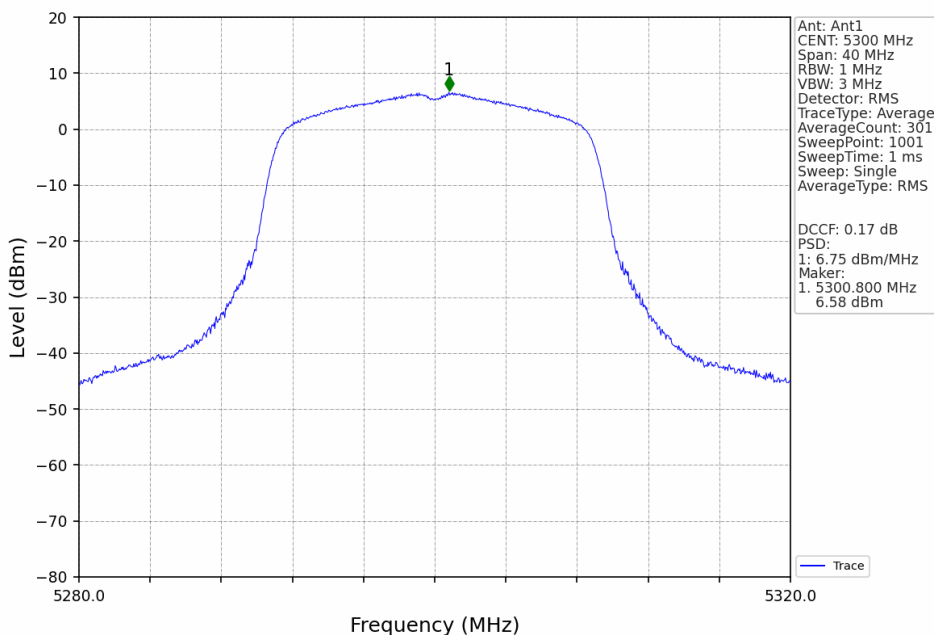
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



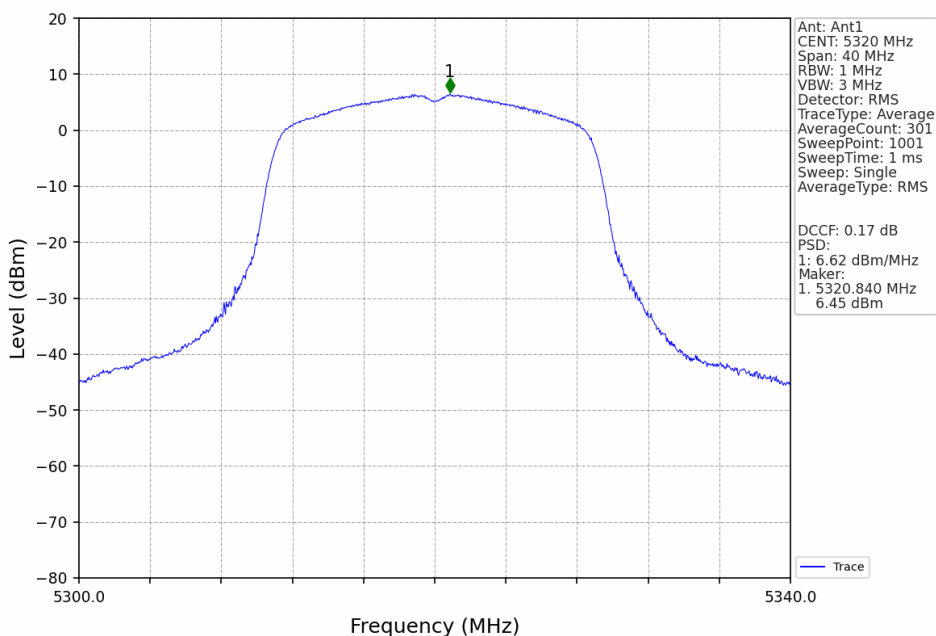
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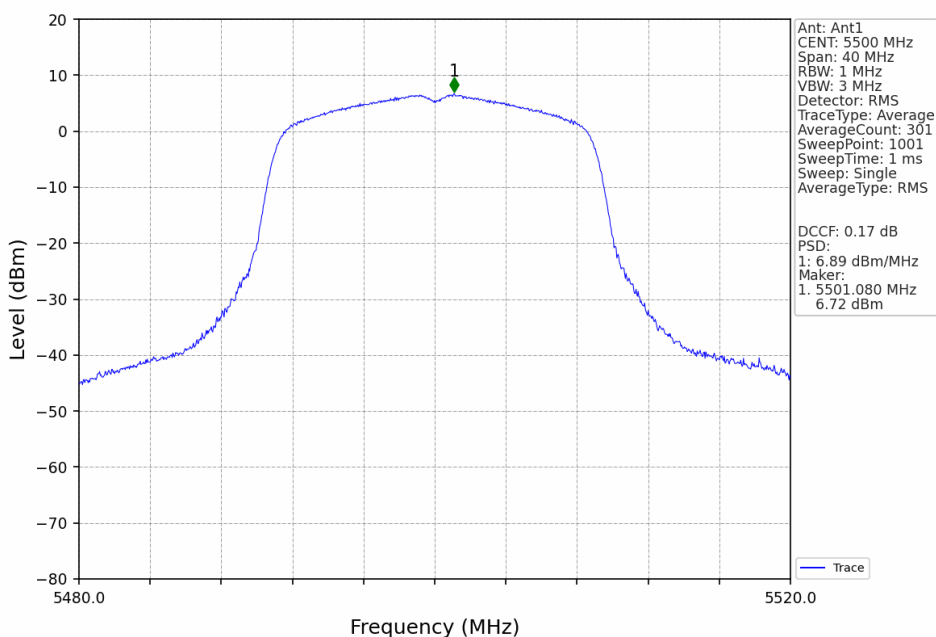
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



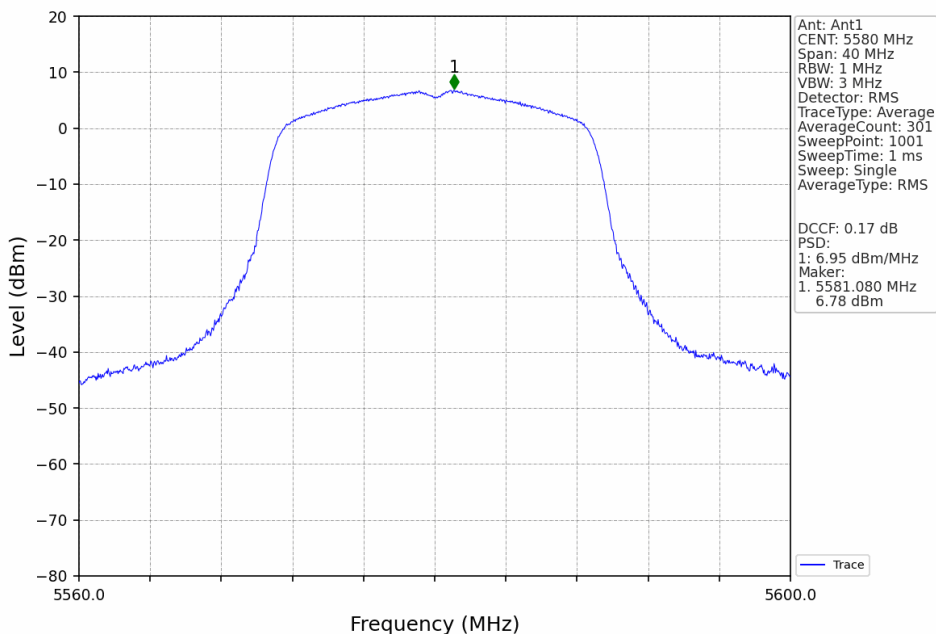
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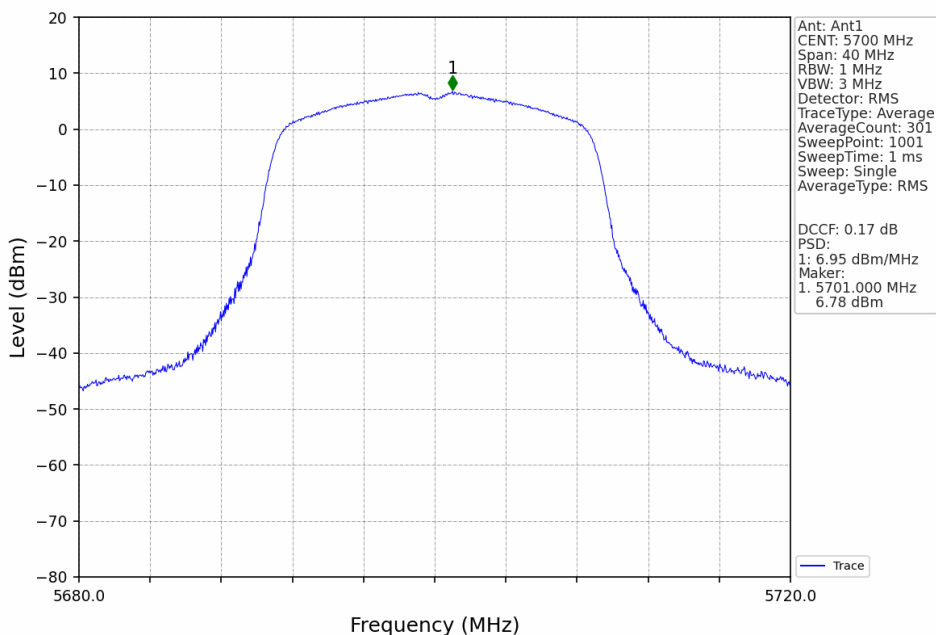
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



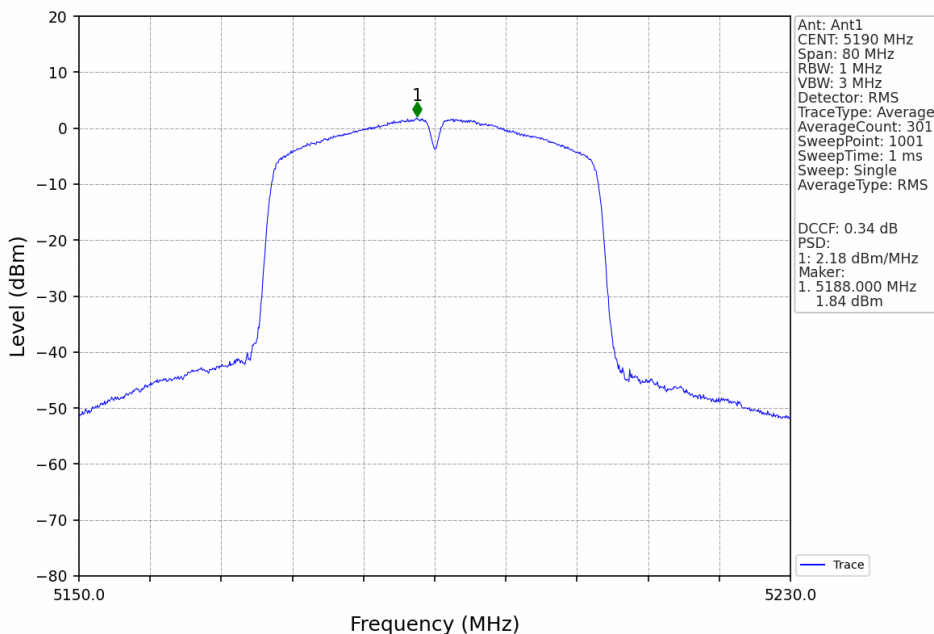
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



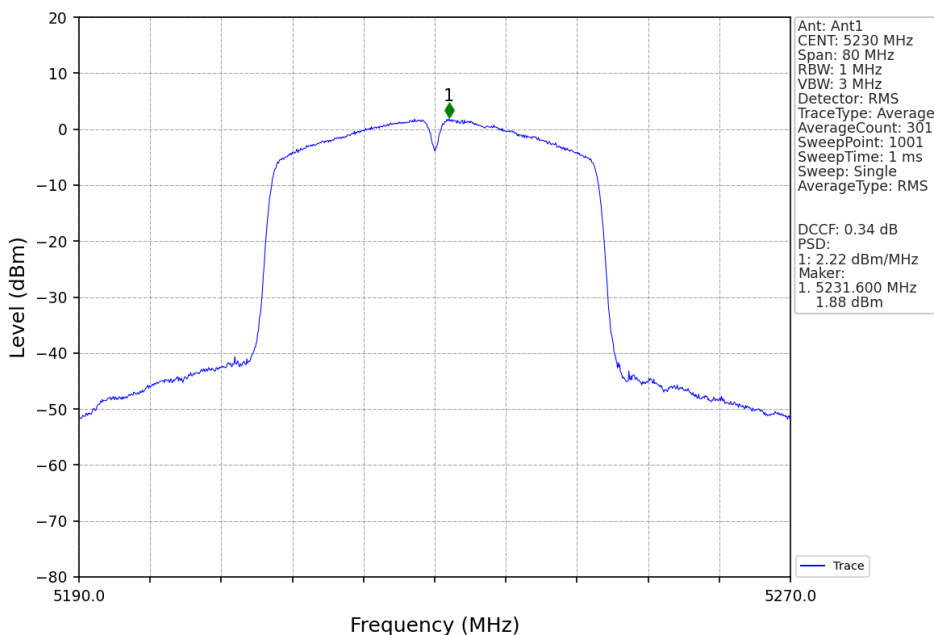
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



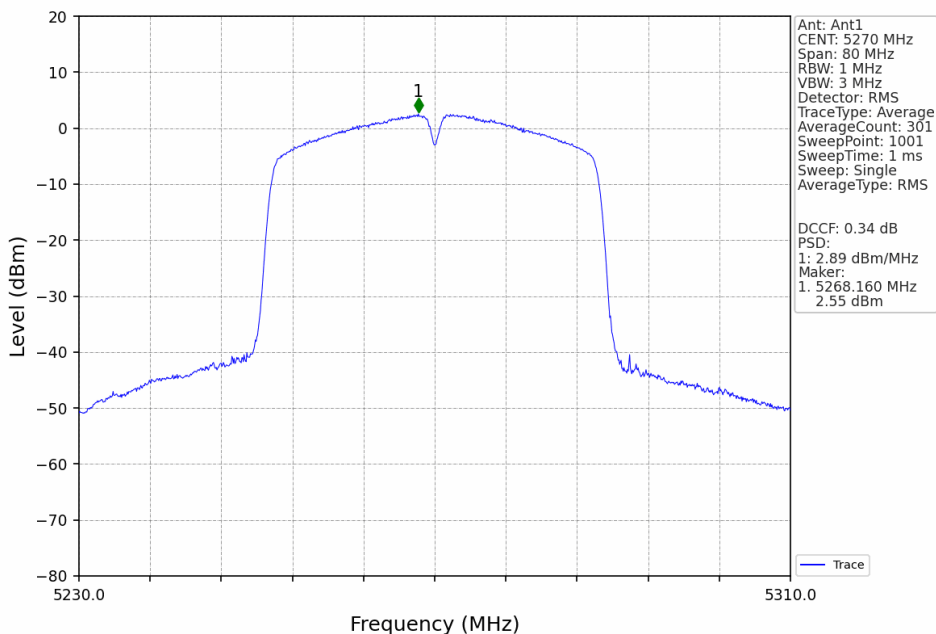
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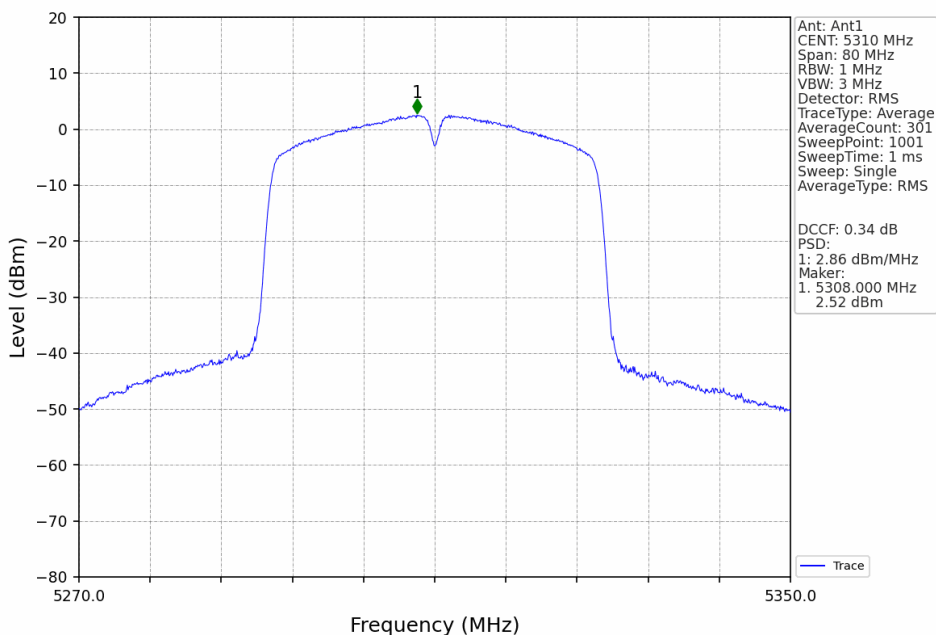
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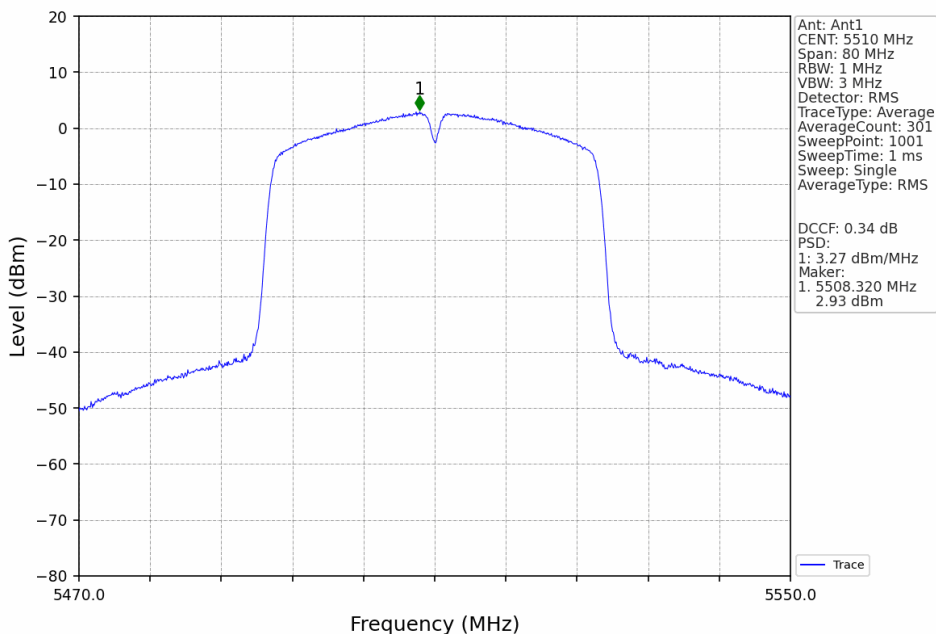
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



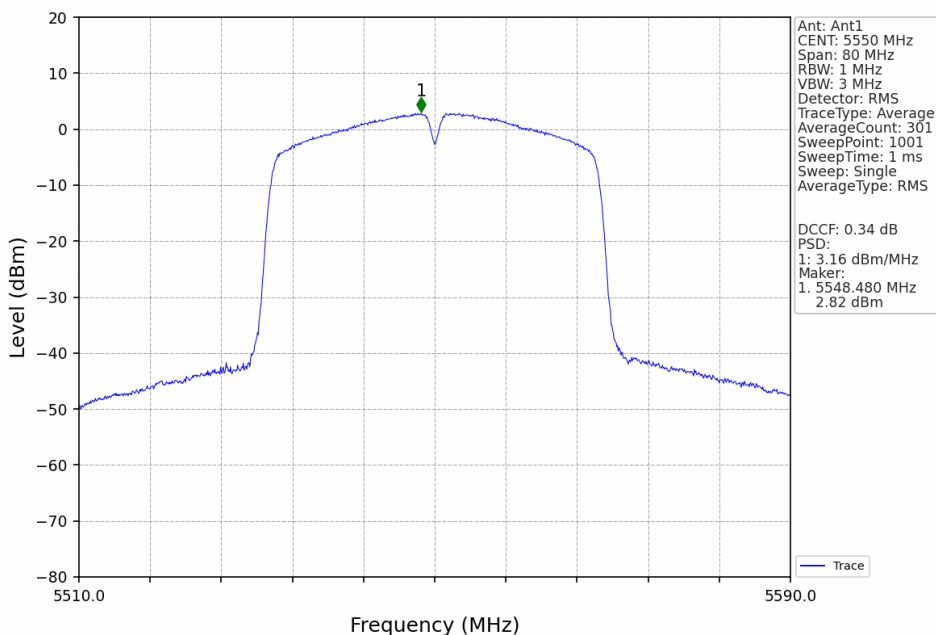
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



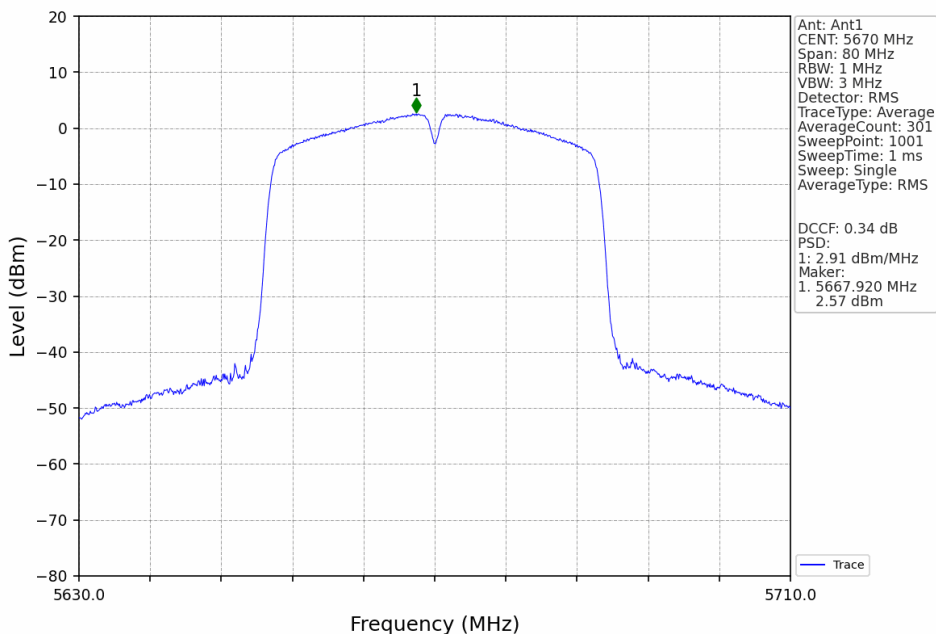
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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