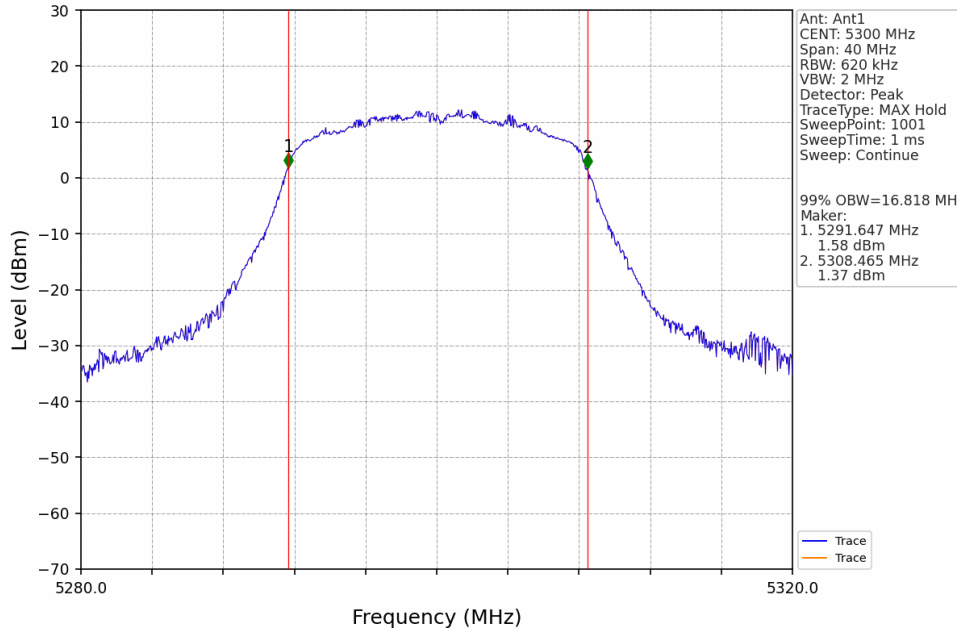
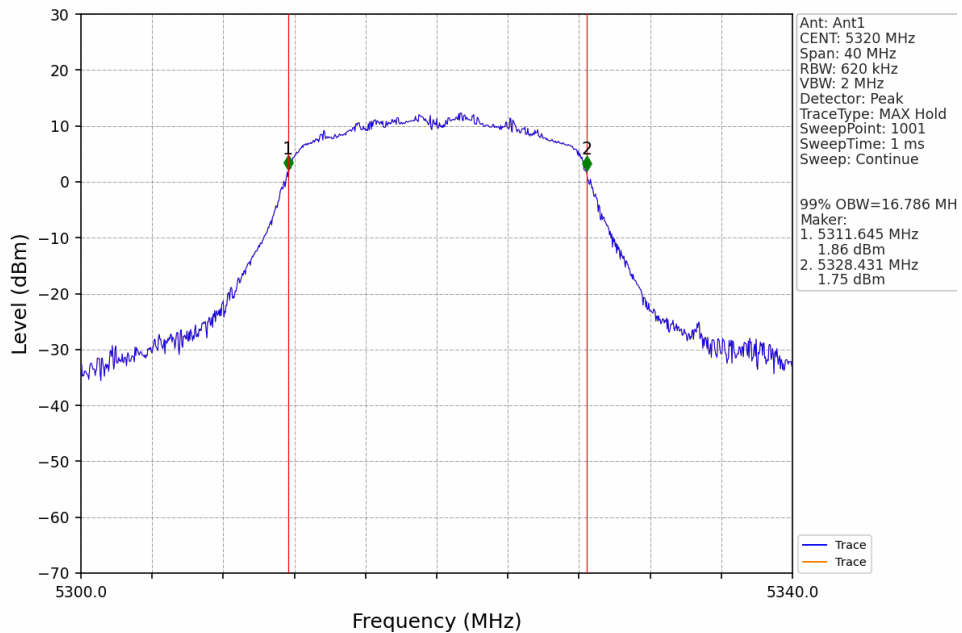


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802.11a_HCH_5320MHz_Ant1_NTNV



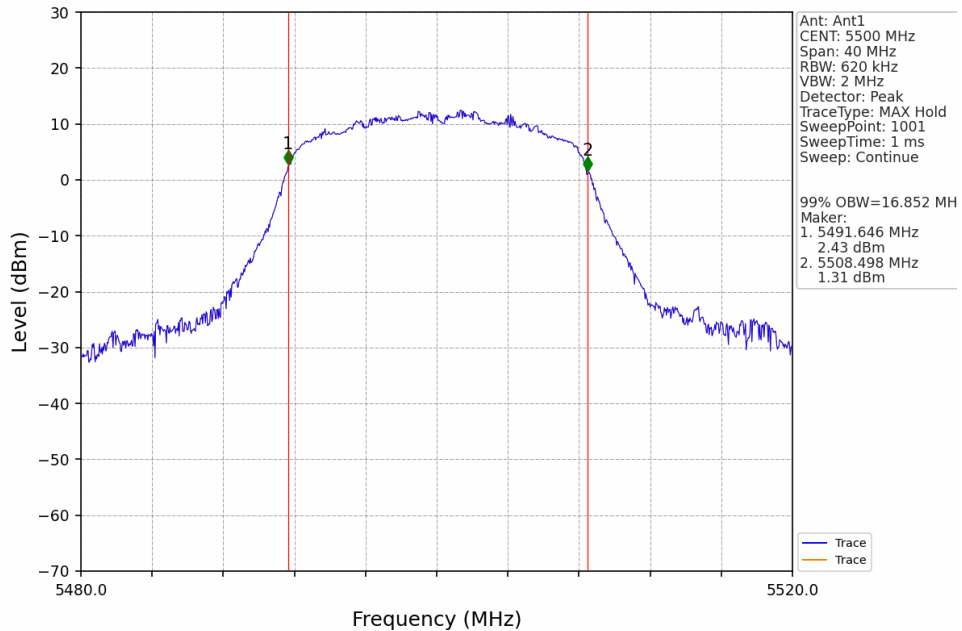
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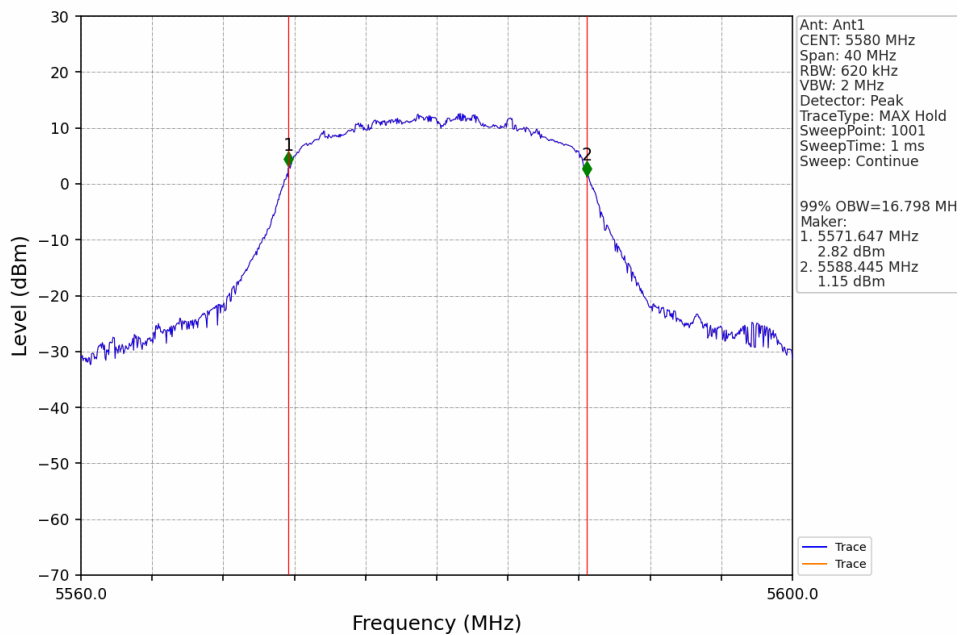
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



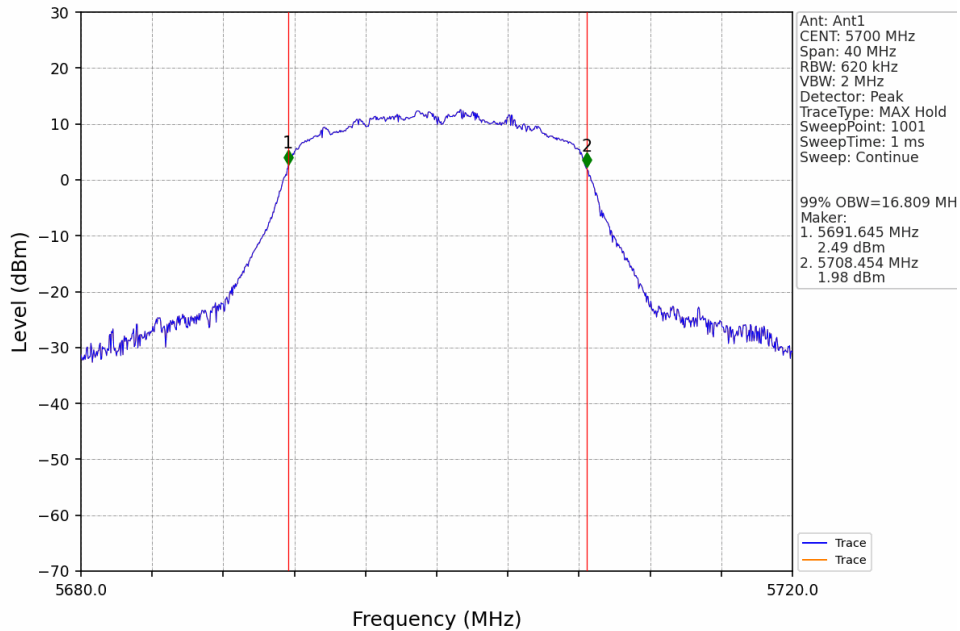
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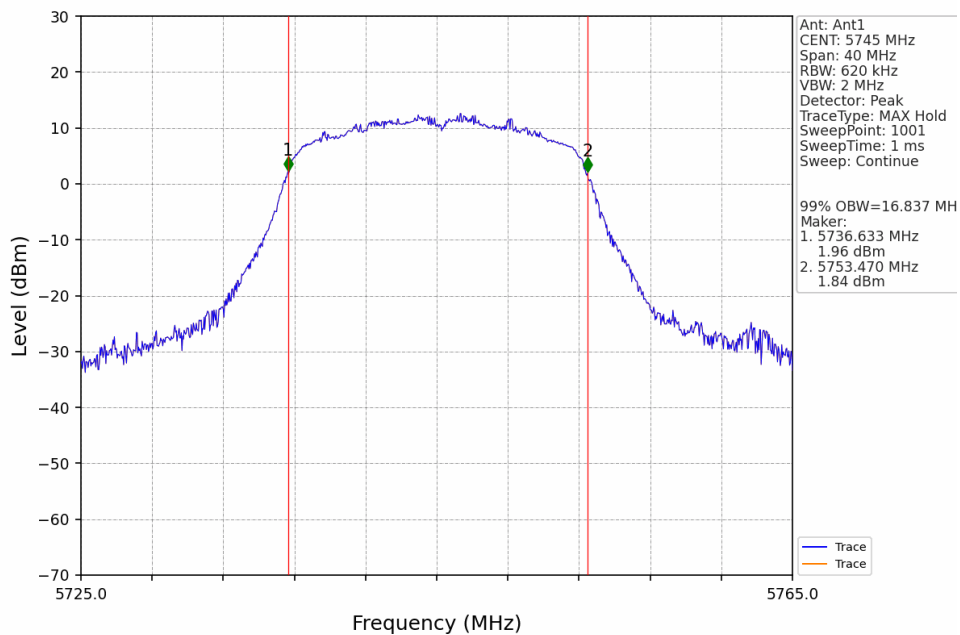
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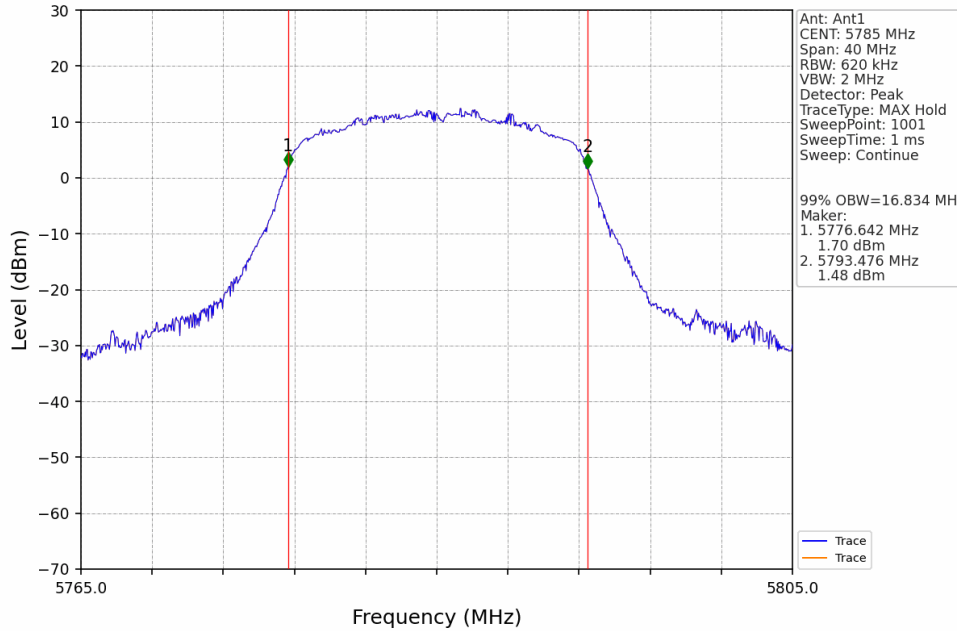
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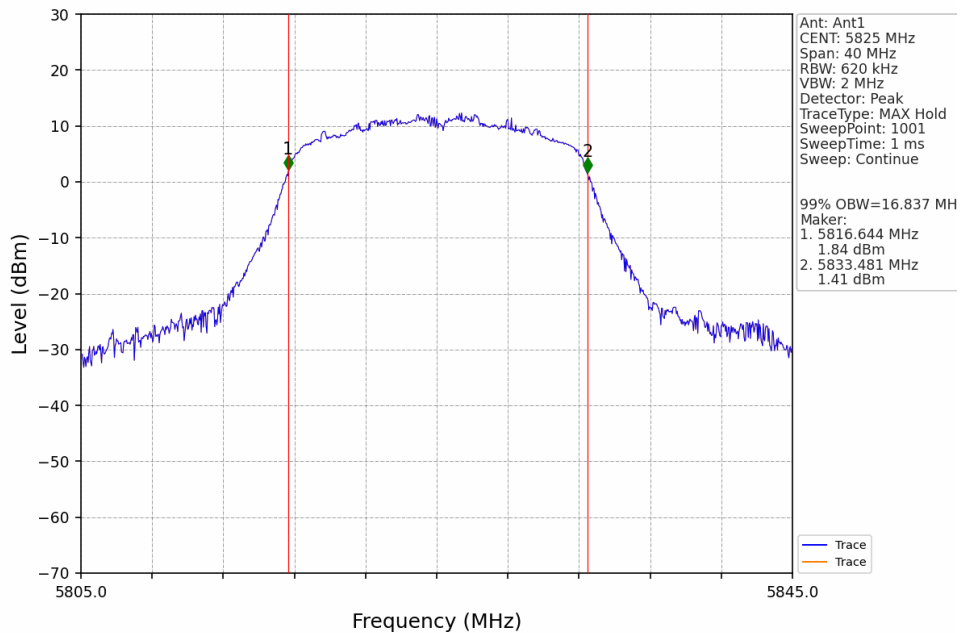
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802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



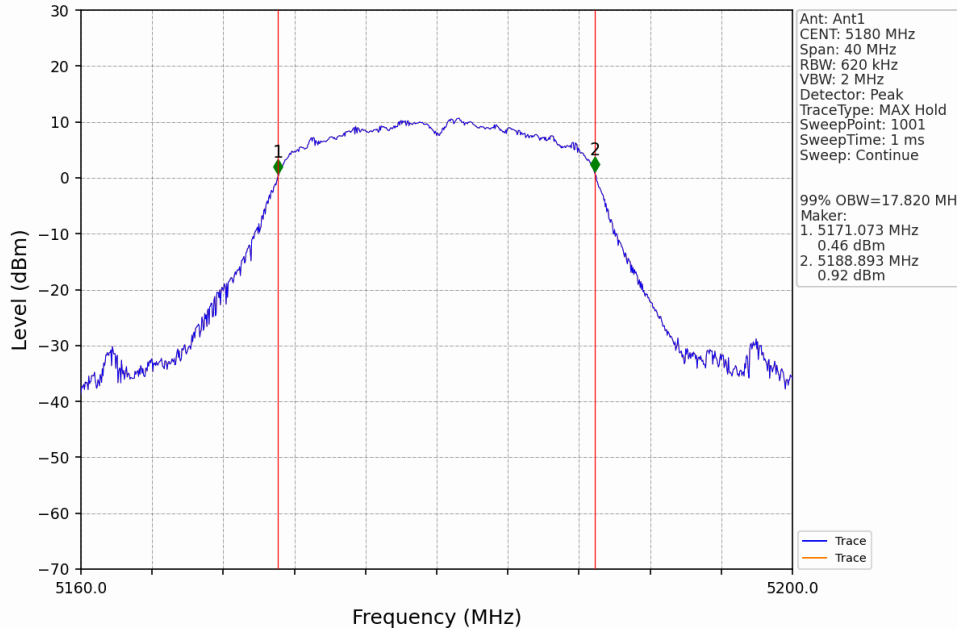
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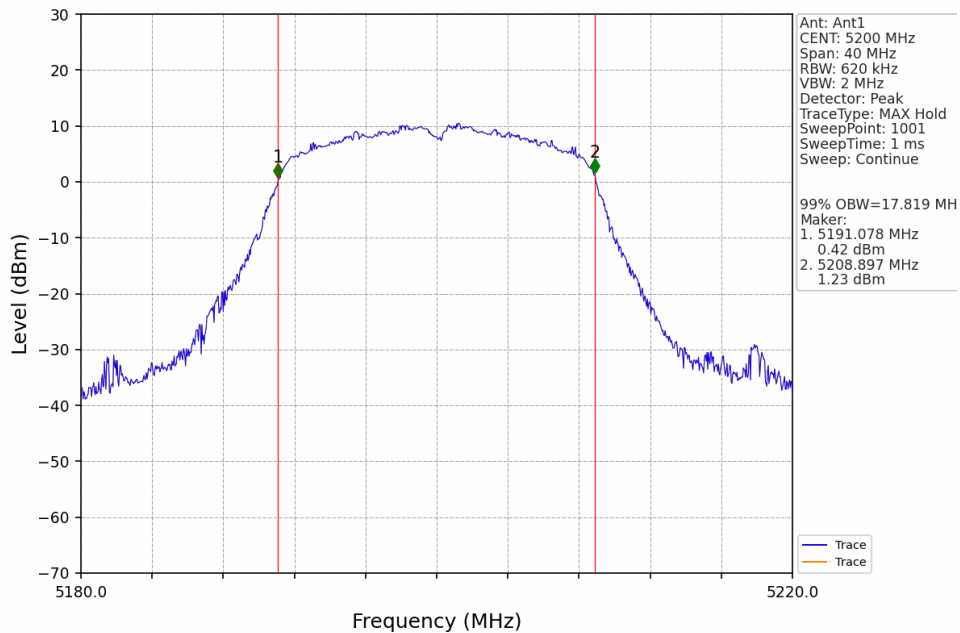
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802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



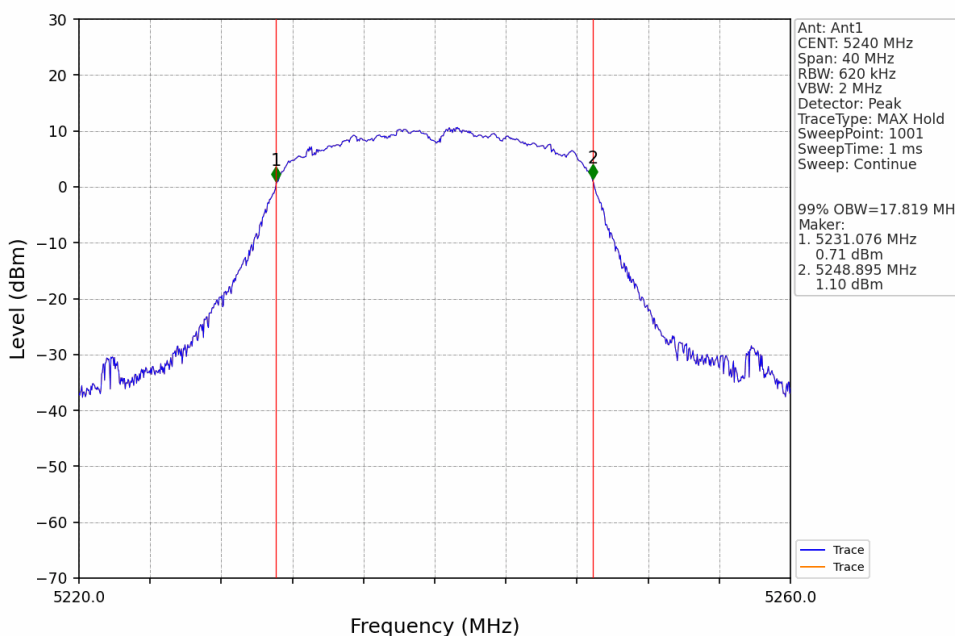
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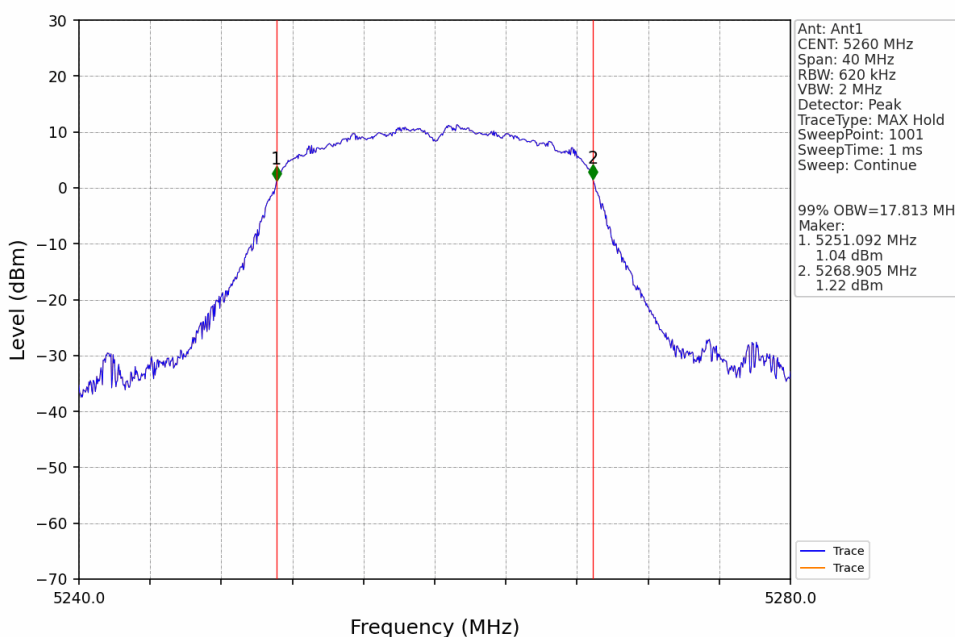
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802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



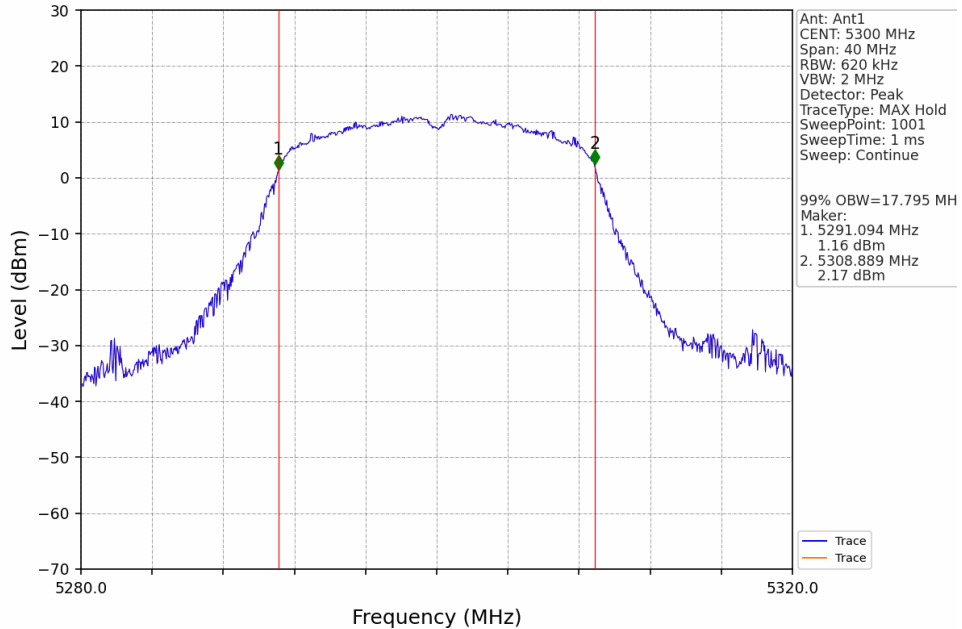
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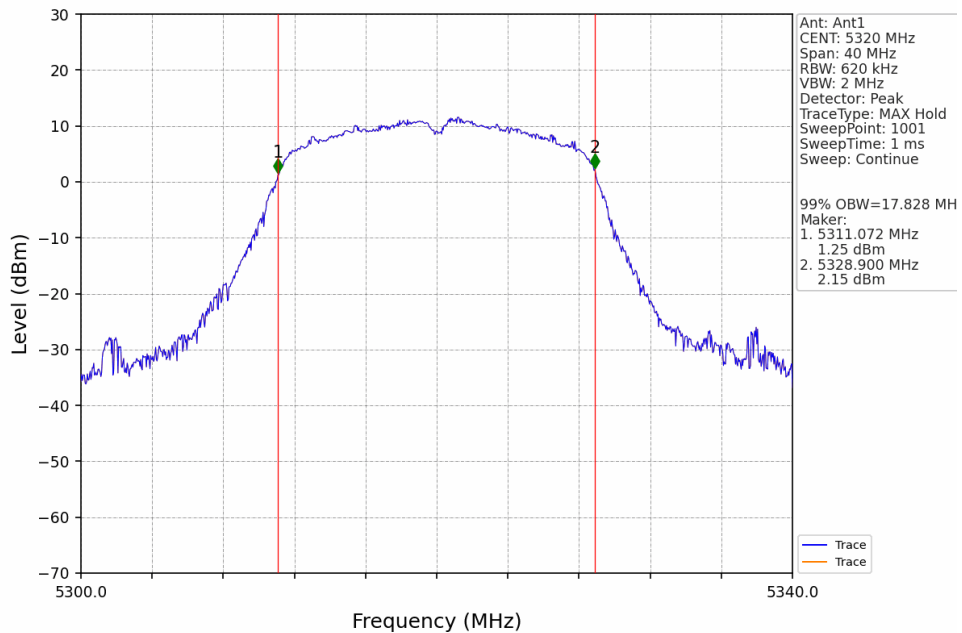
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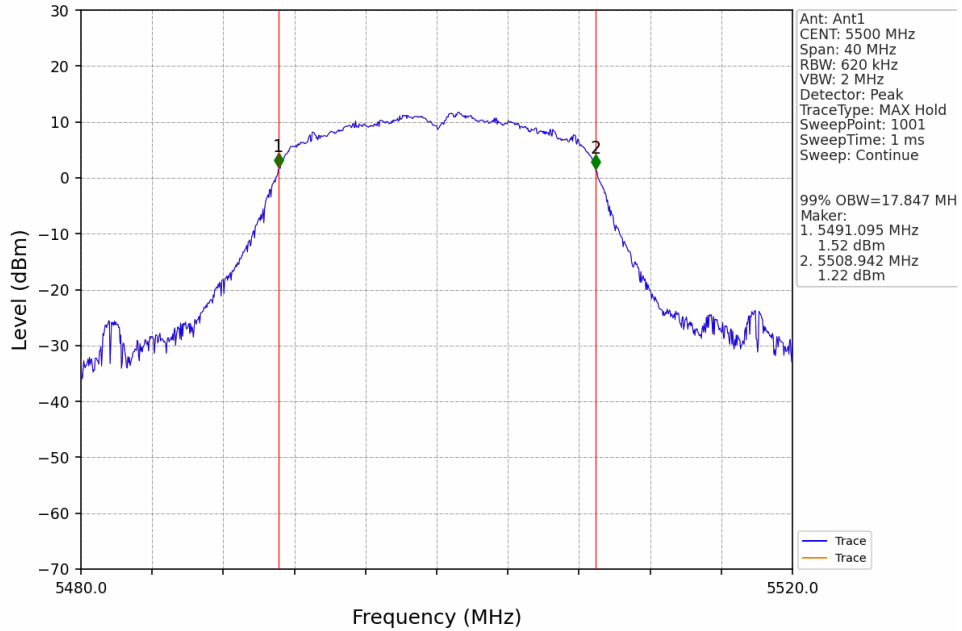
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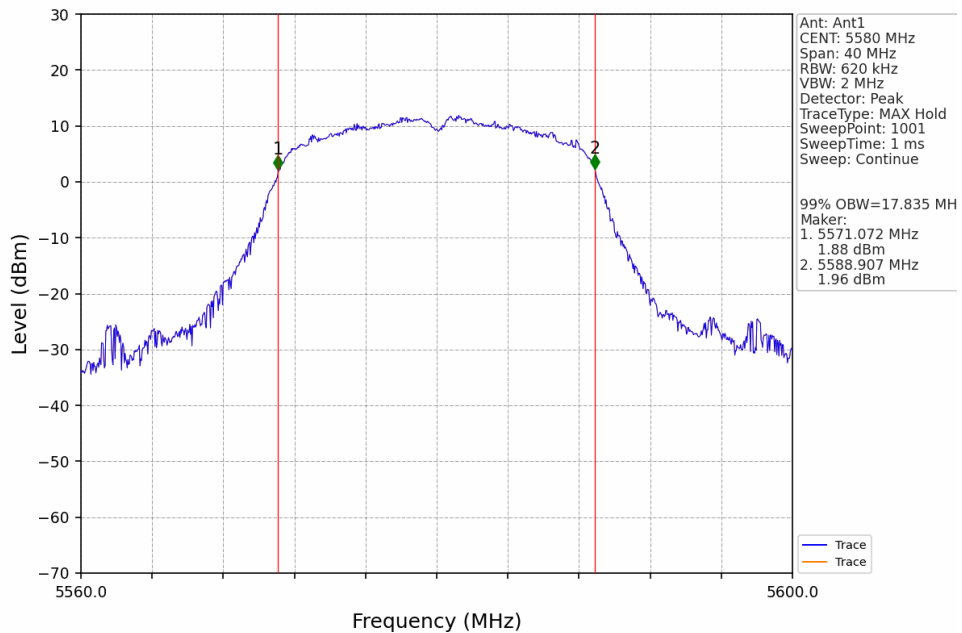
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



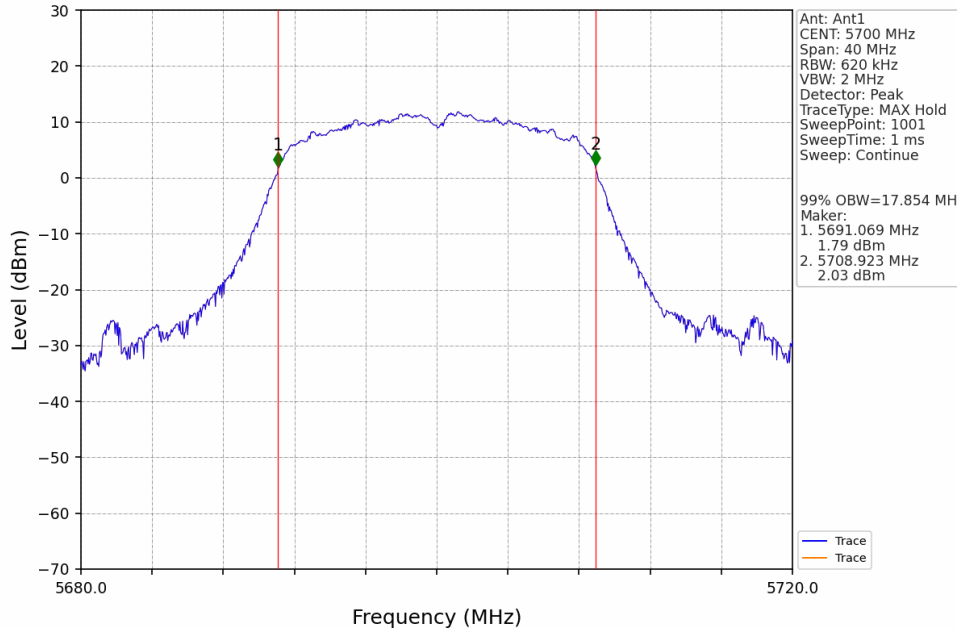
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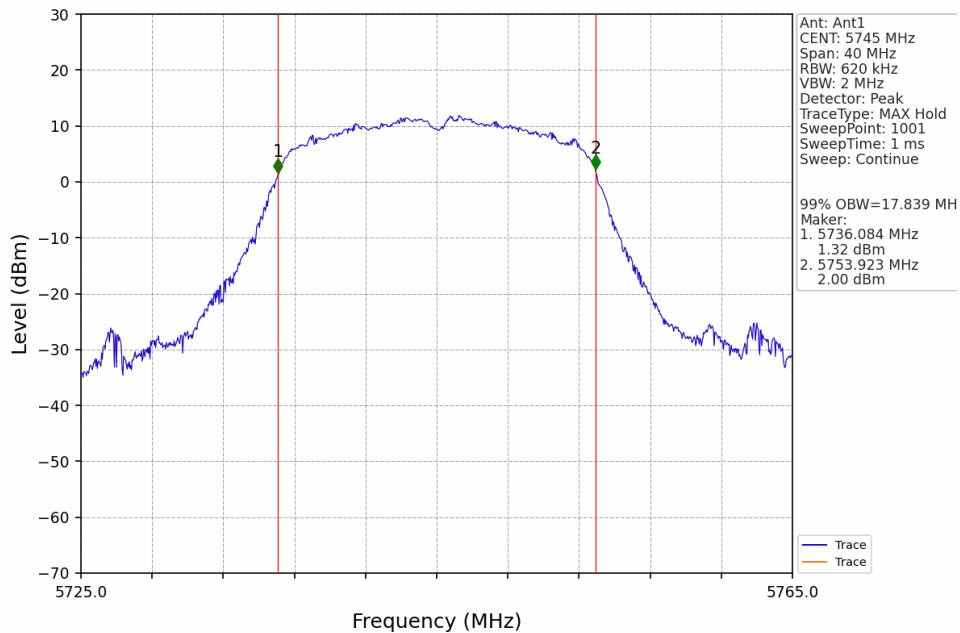
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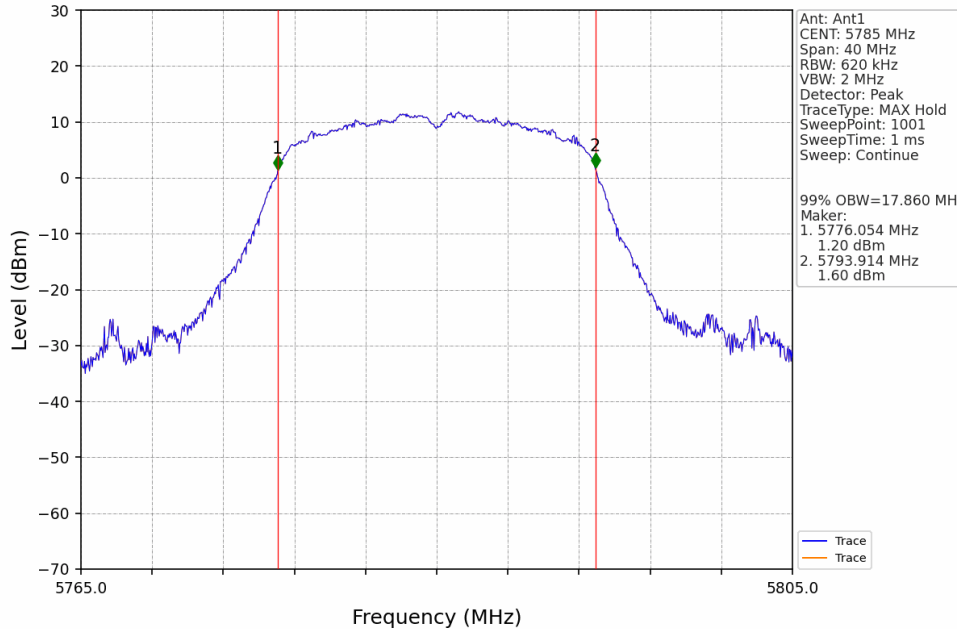
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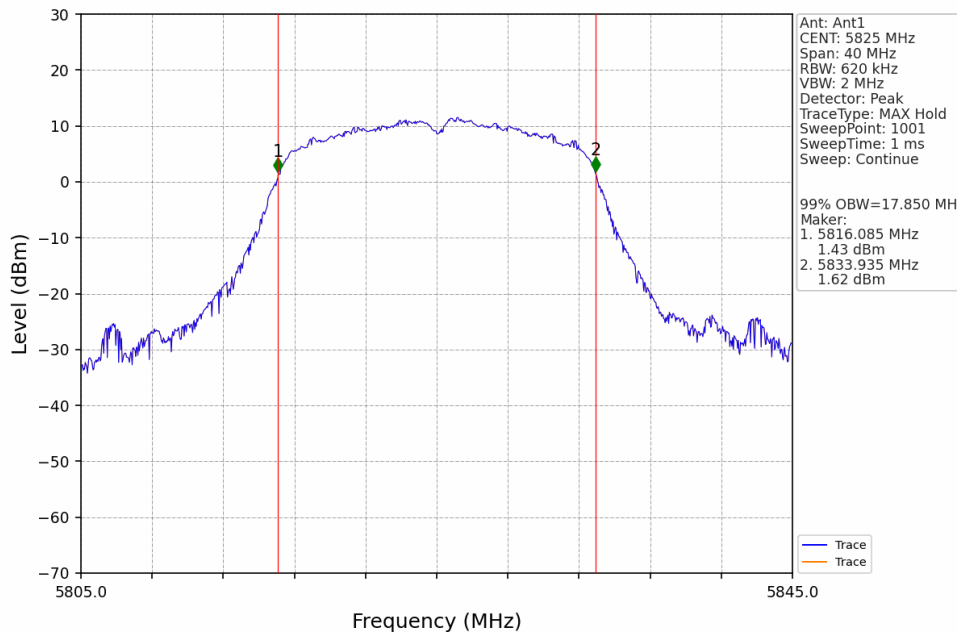
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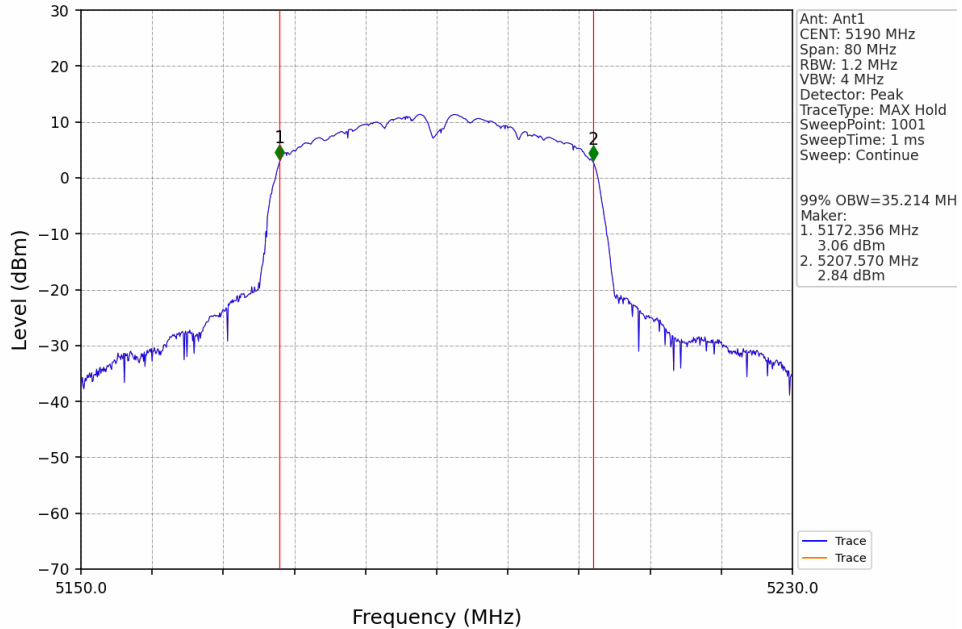
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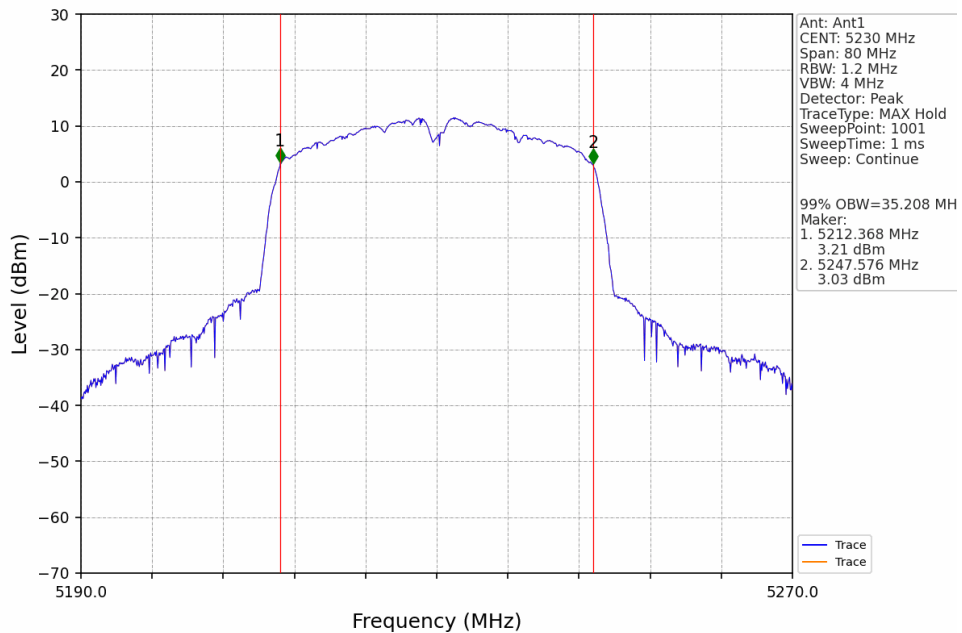
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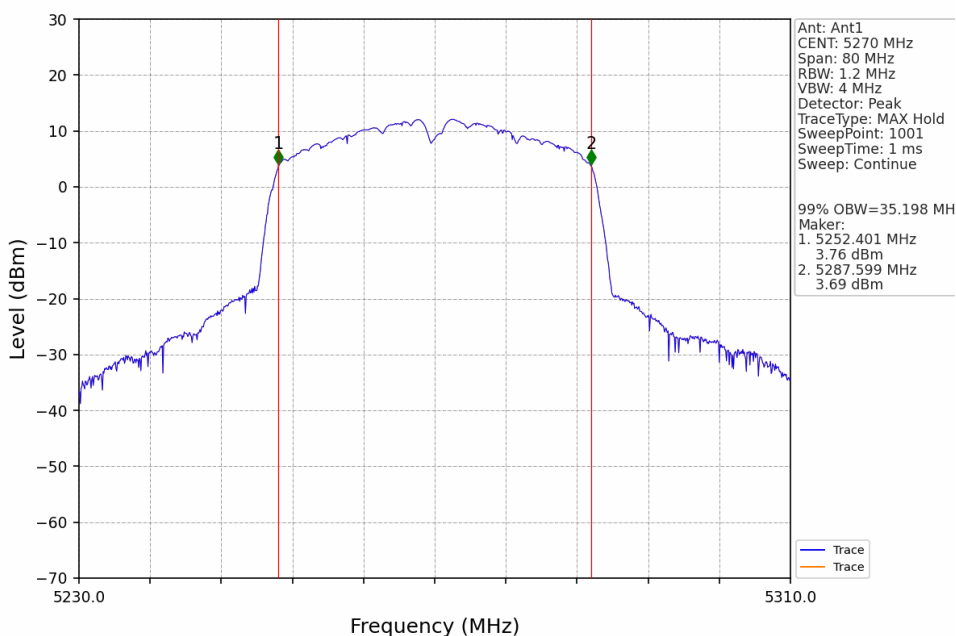
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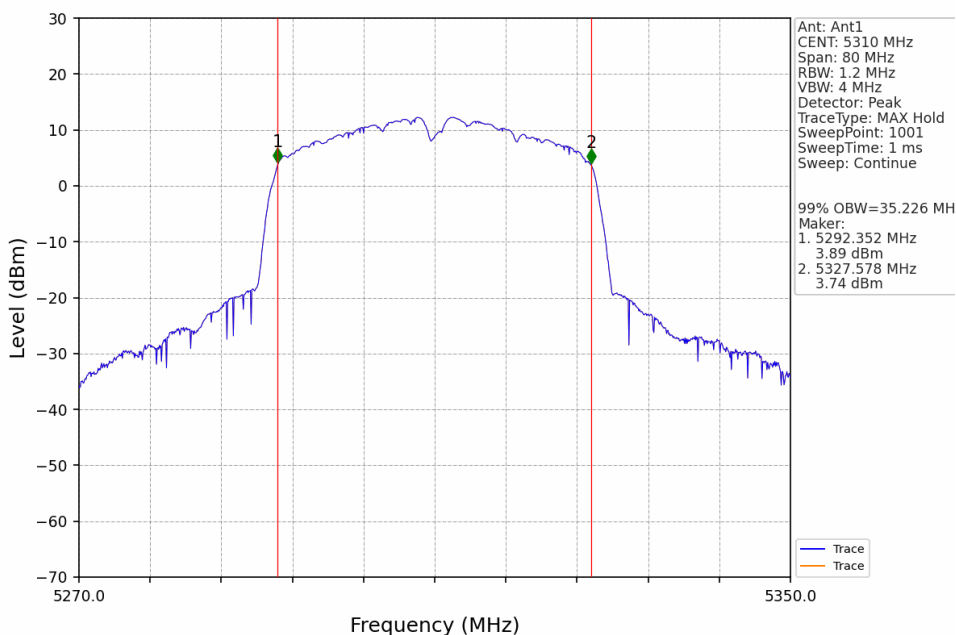
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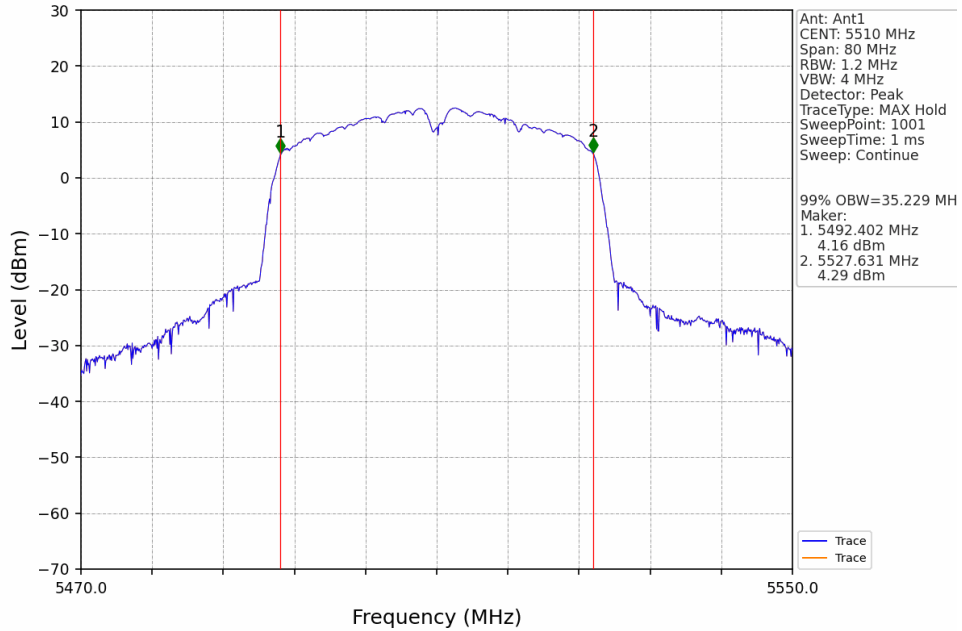
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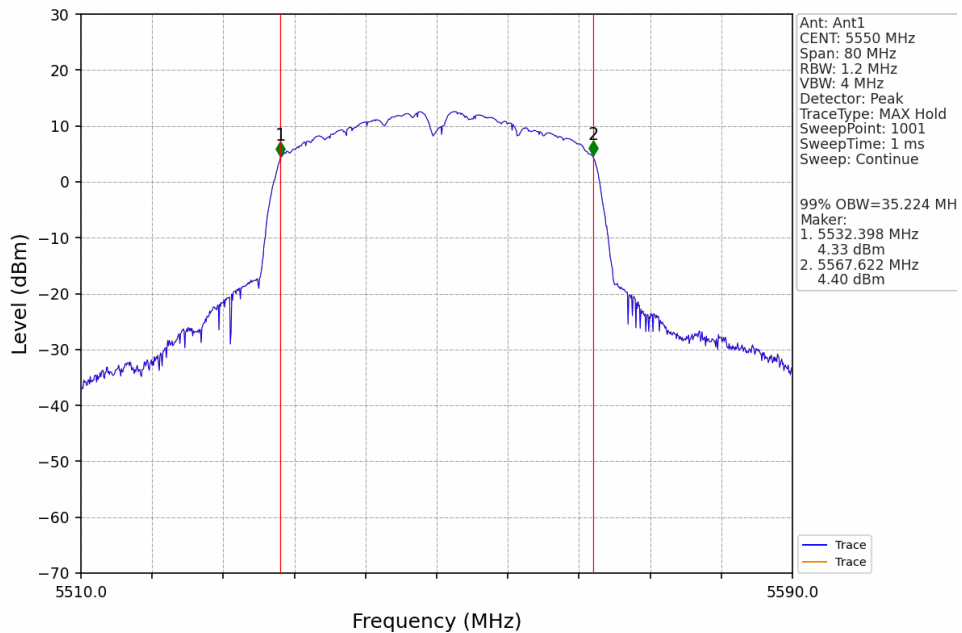
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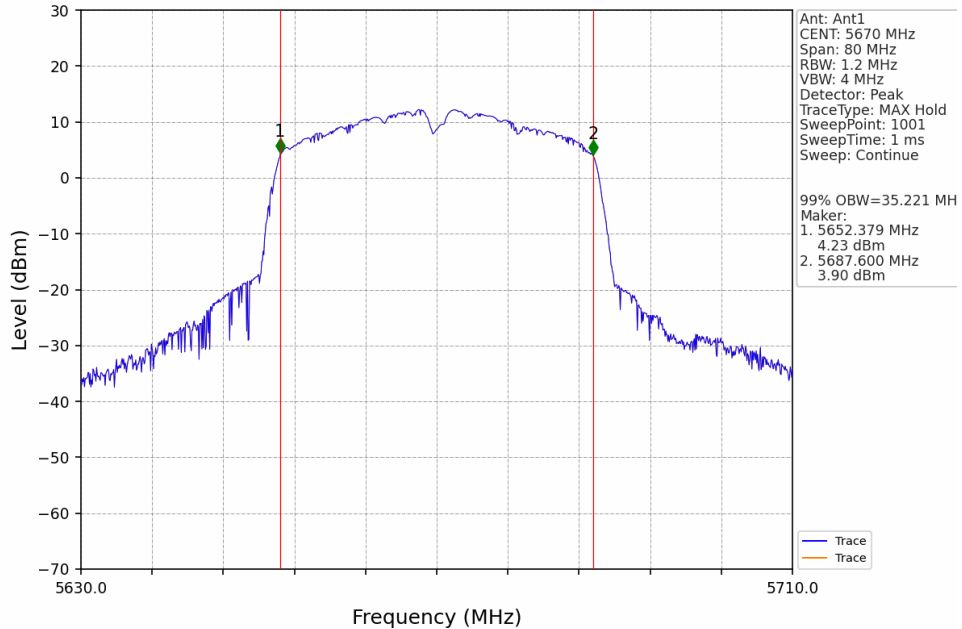
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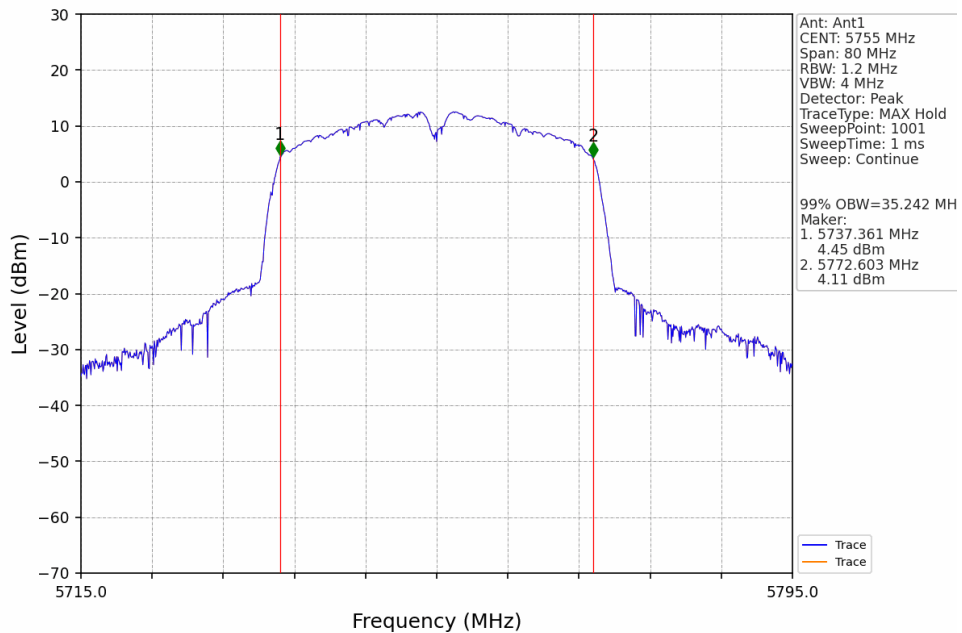
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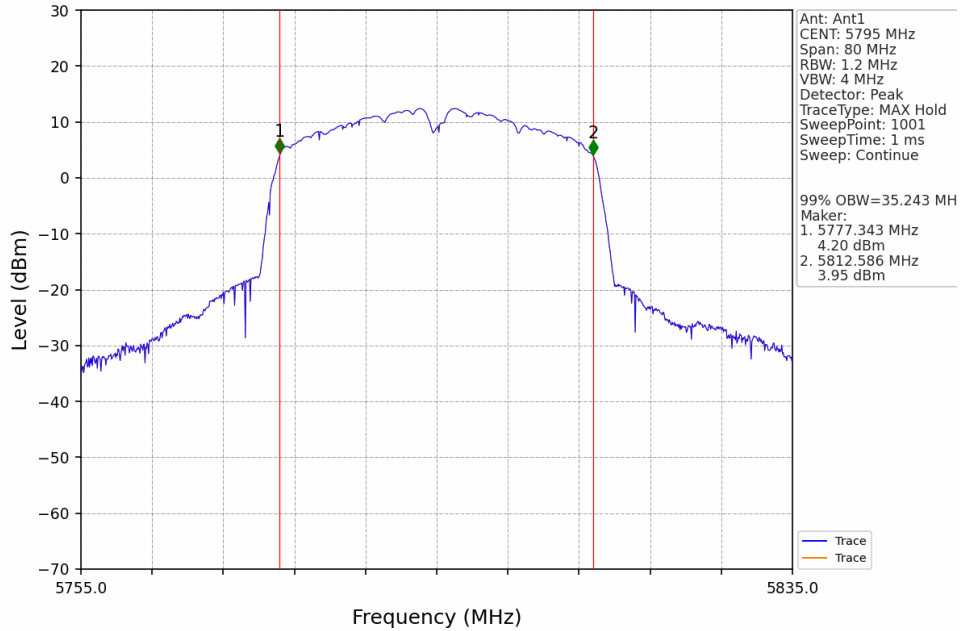
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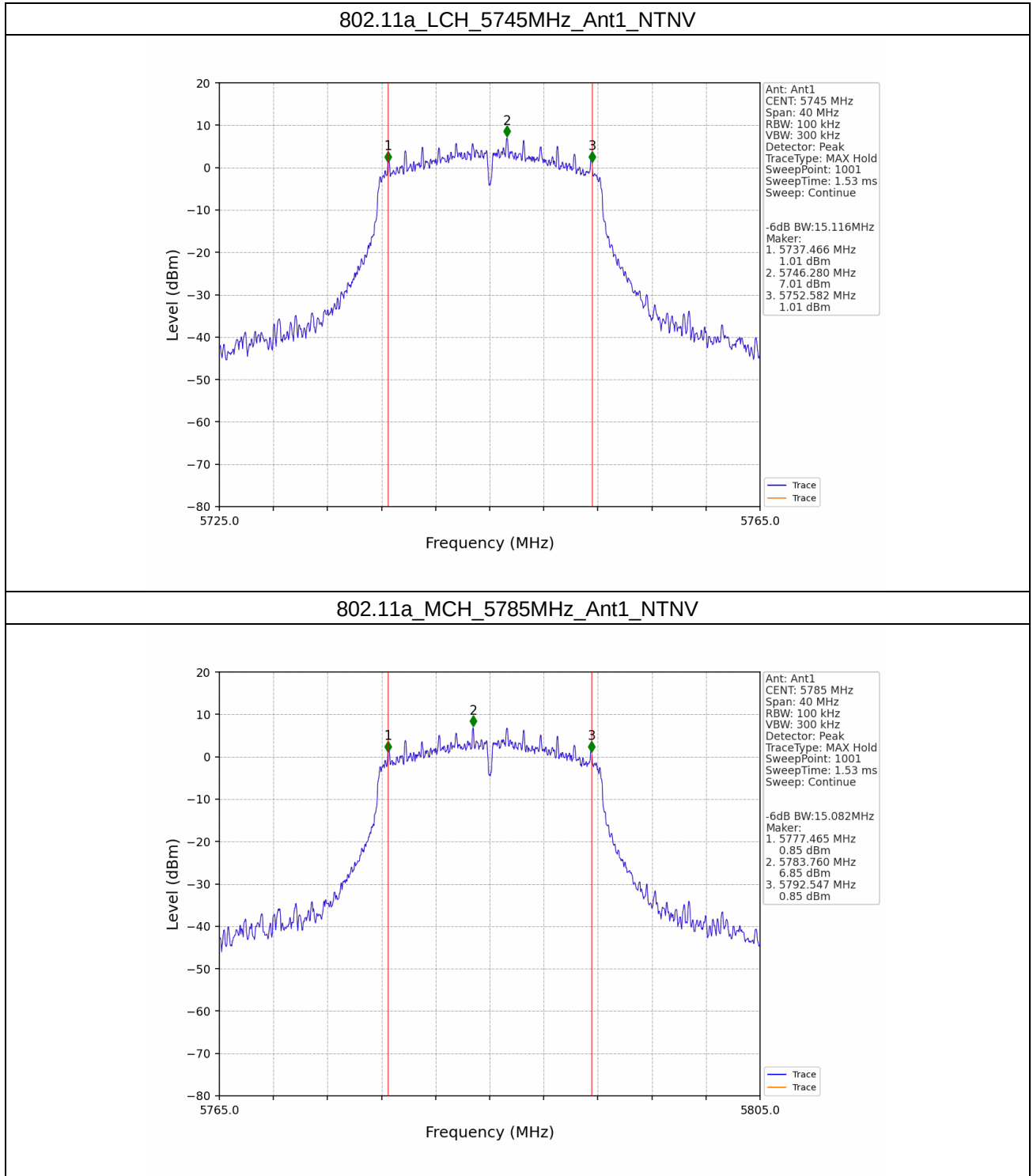
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2.2.2 6dB BW



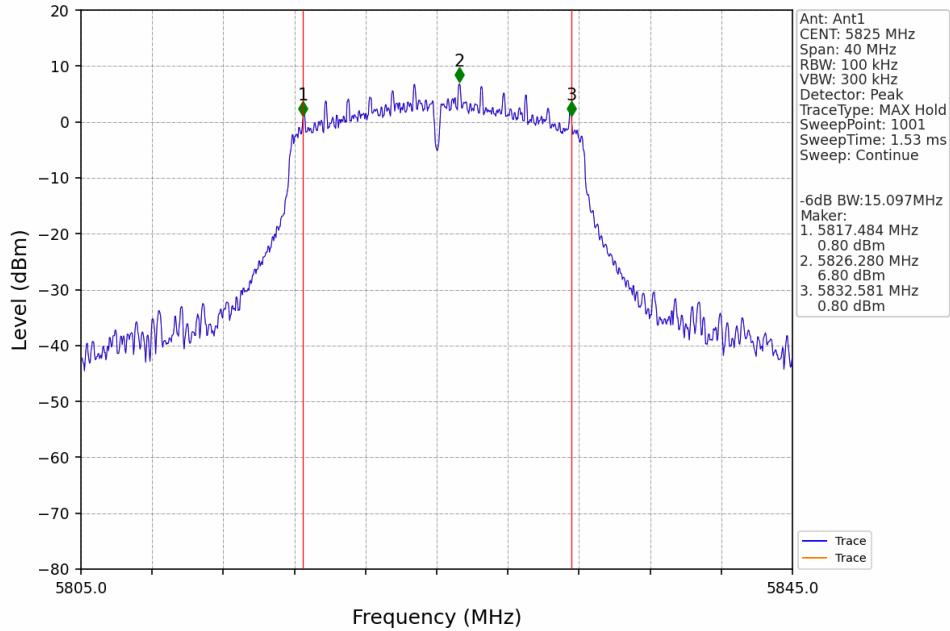
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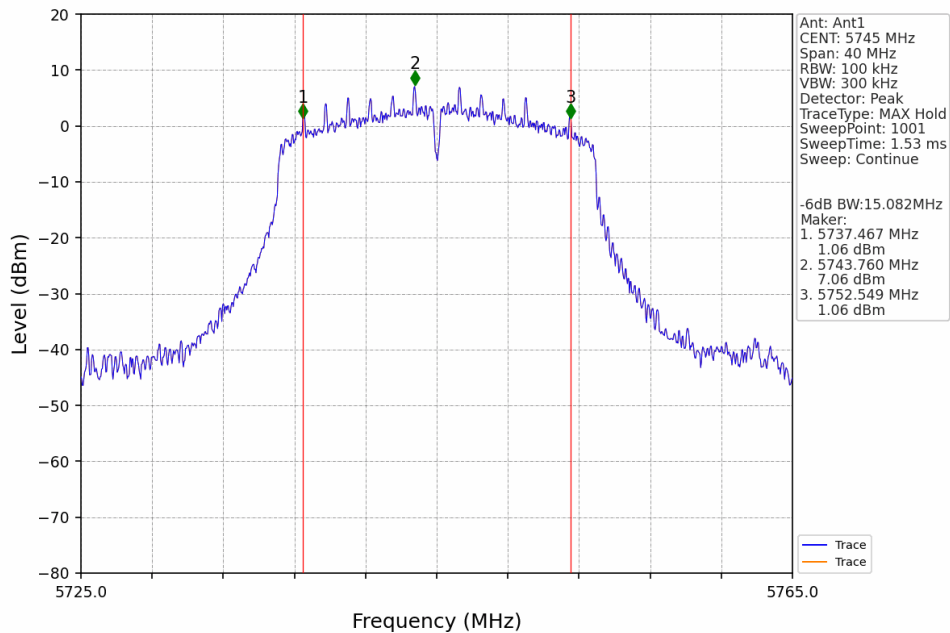
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



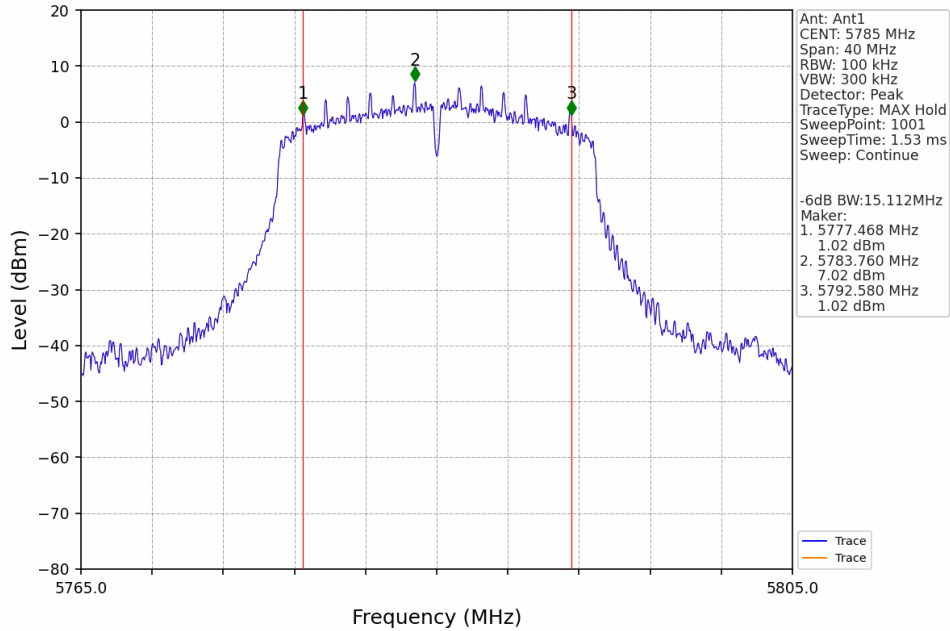
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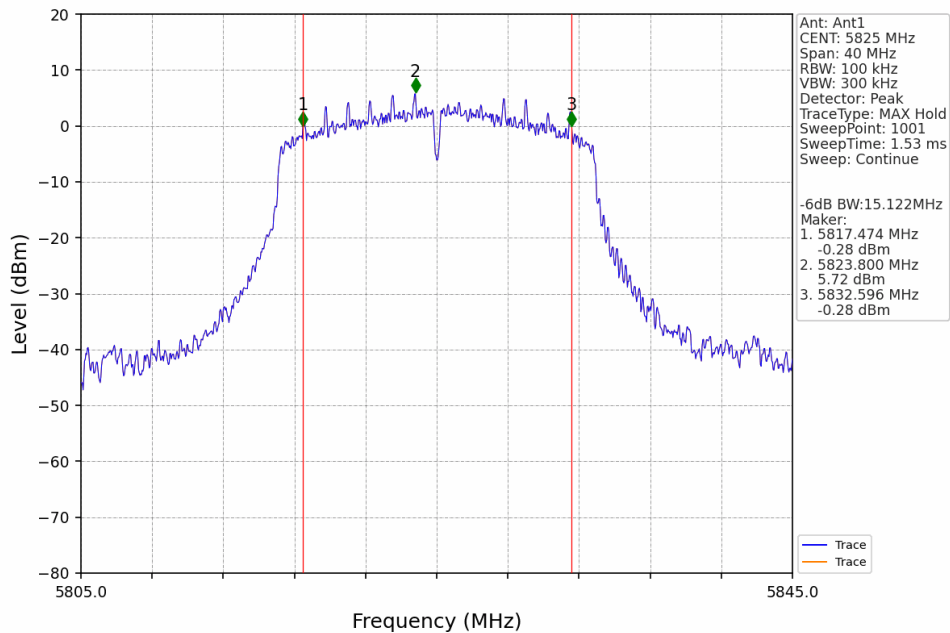
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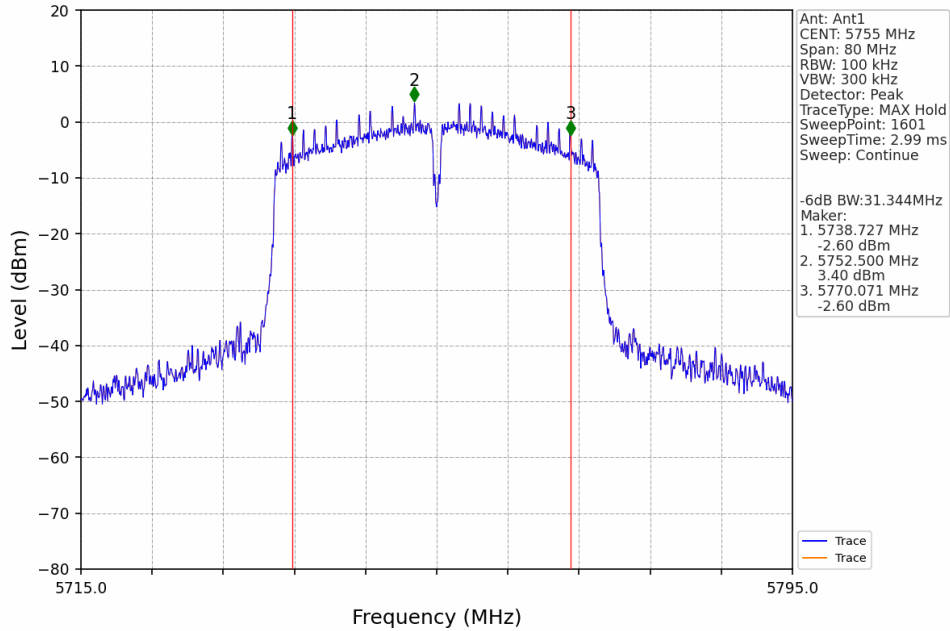
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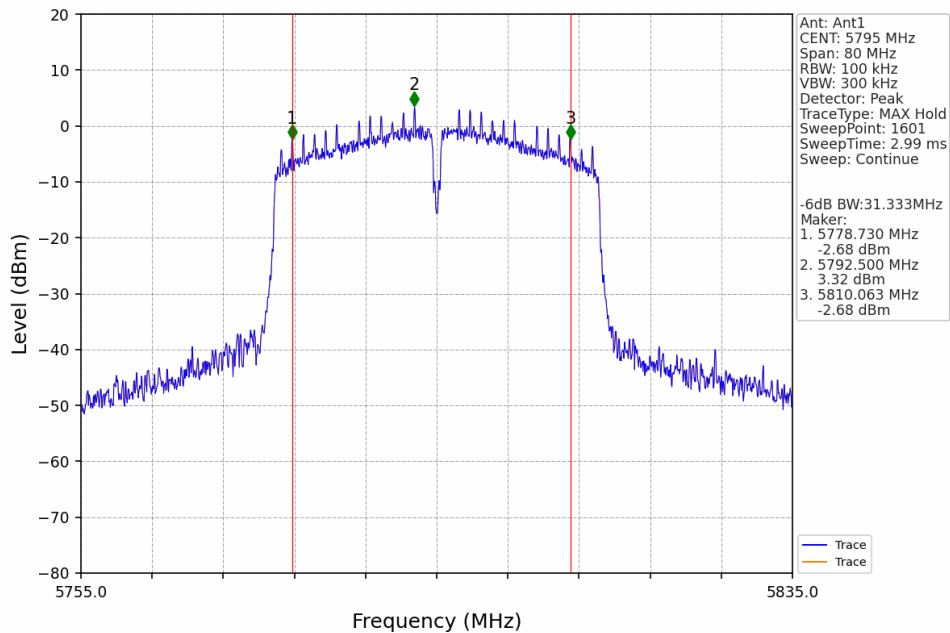
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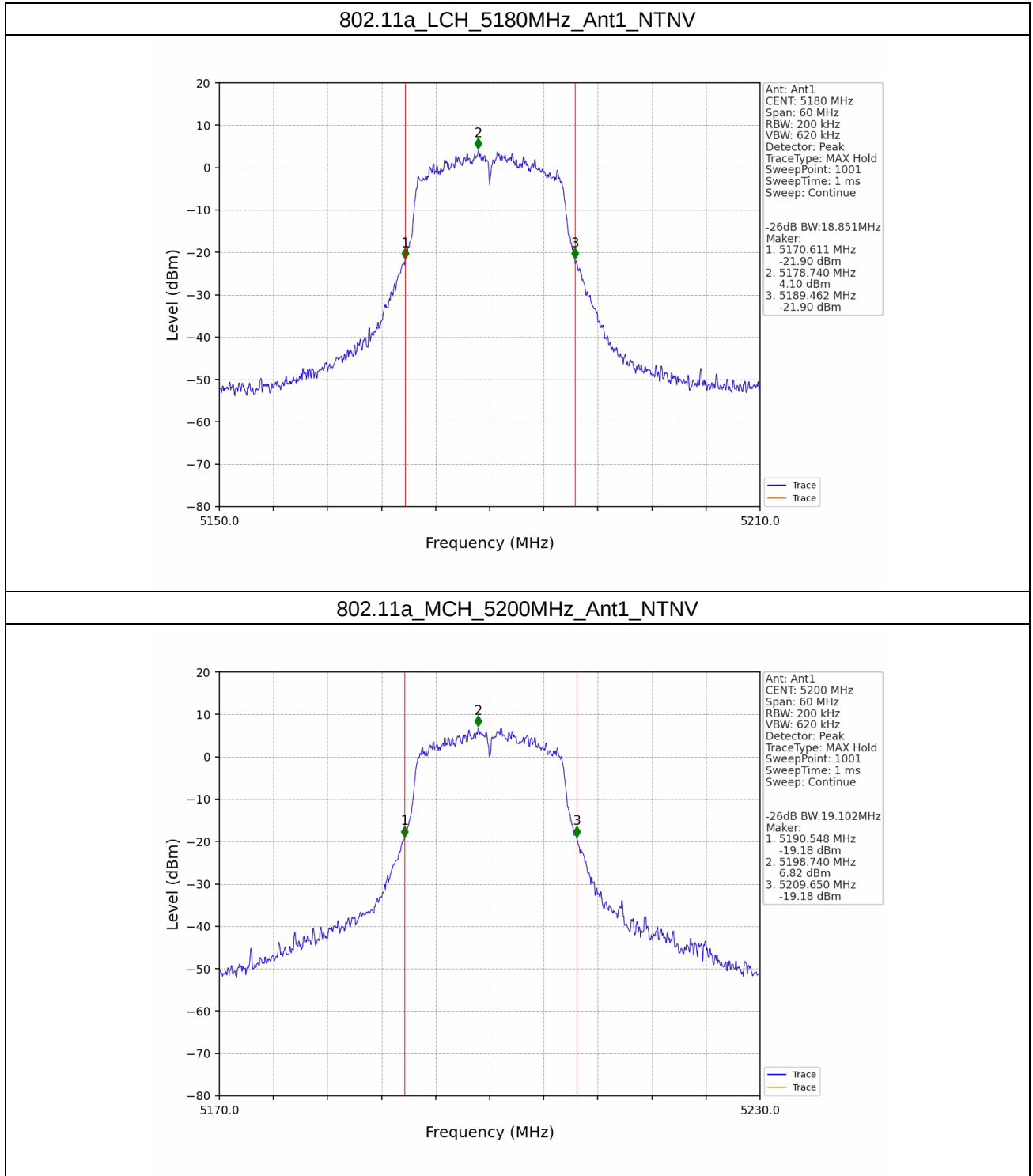
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2.2.3 26dB BW



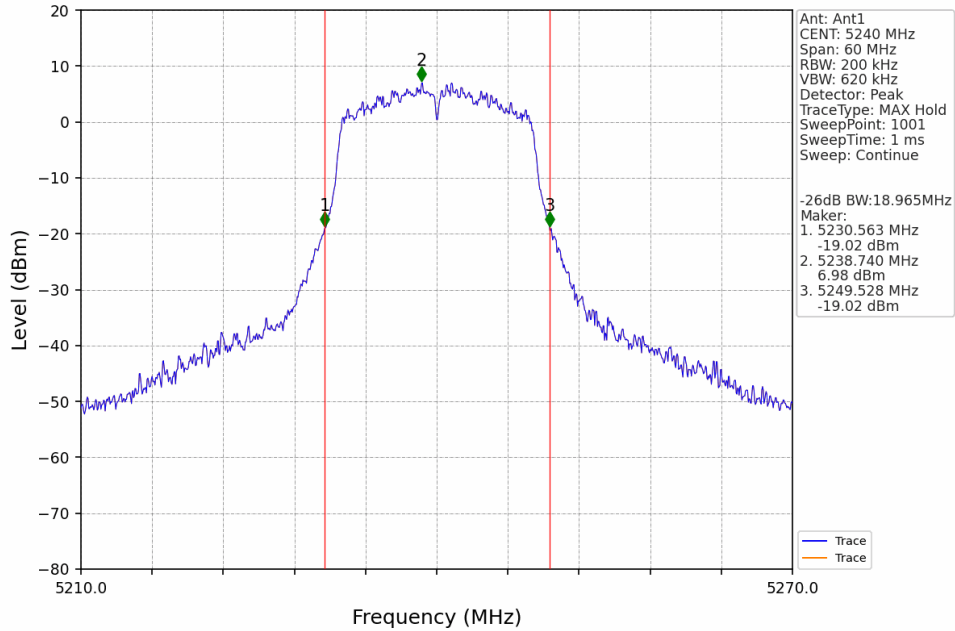
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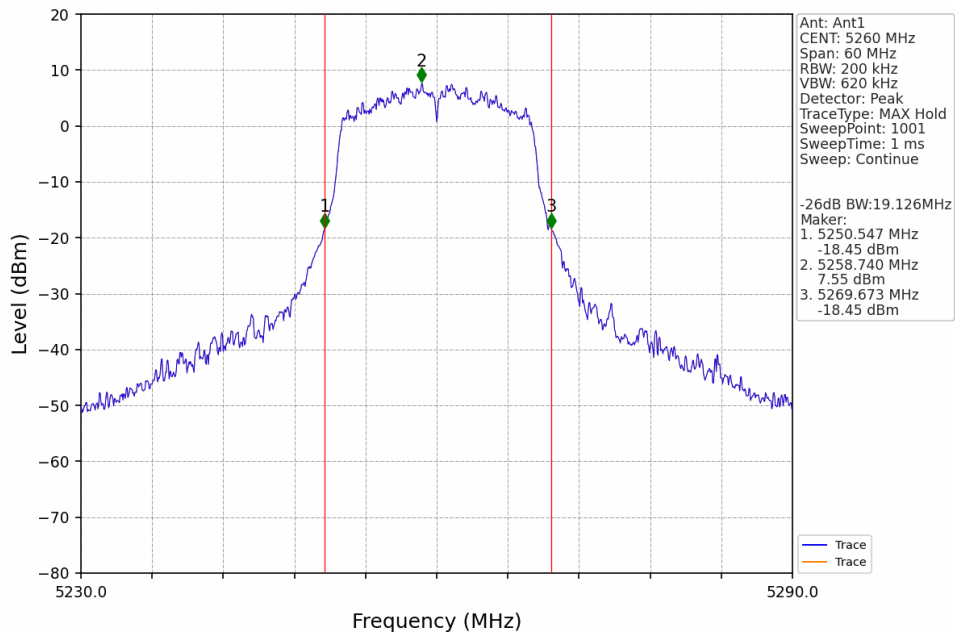
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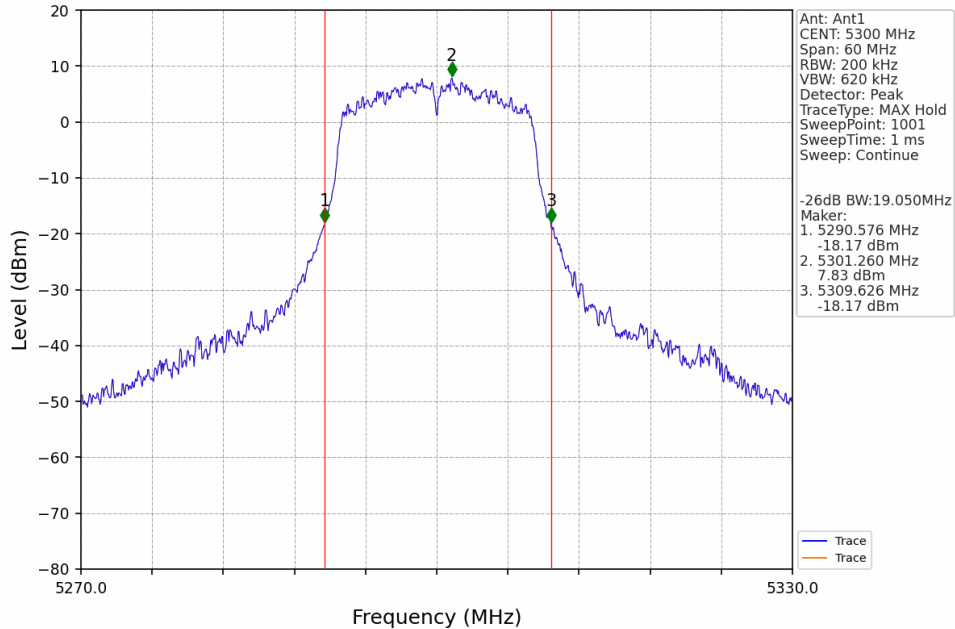
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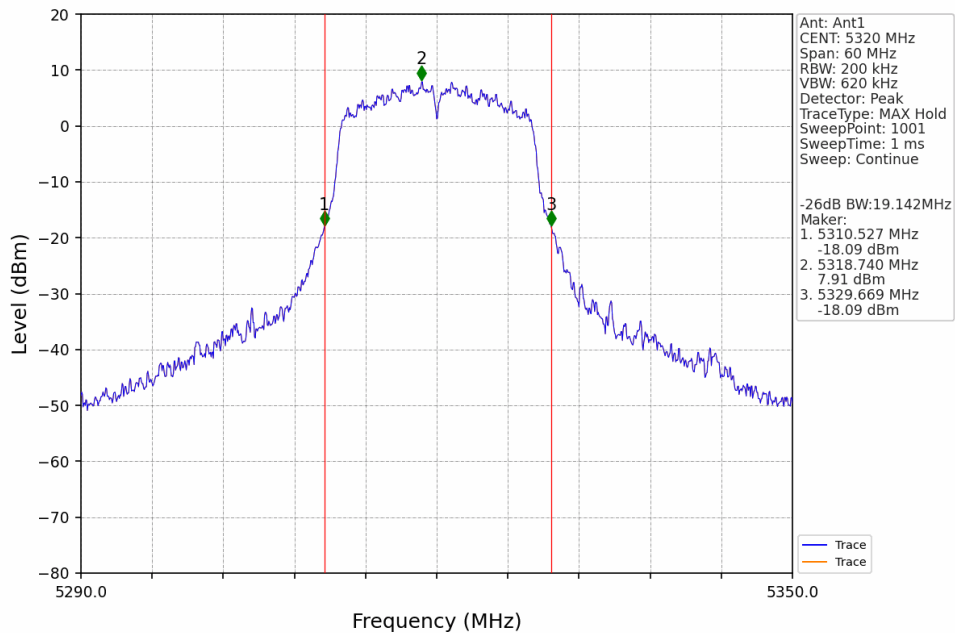
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



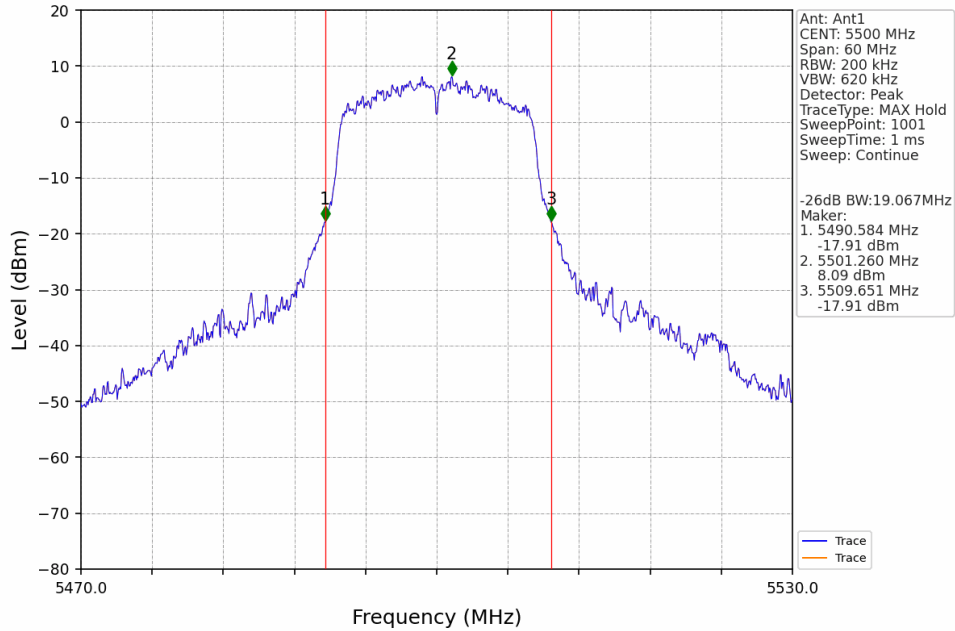
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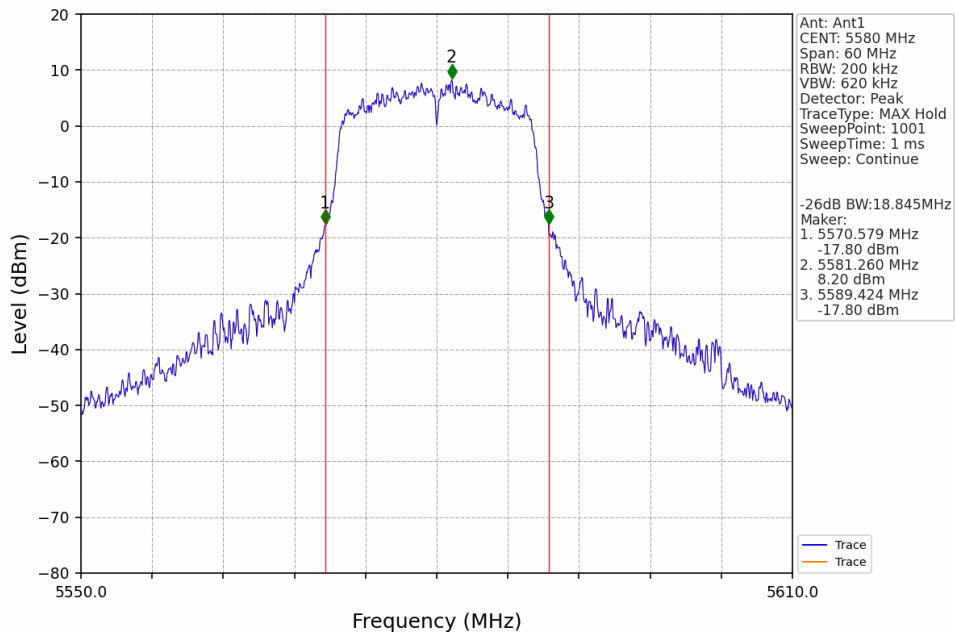
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



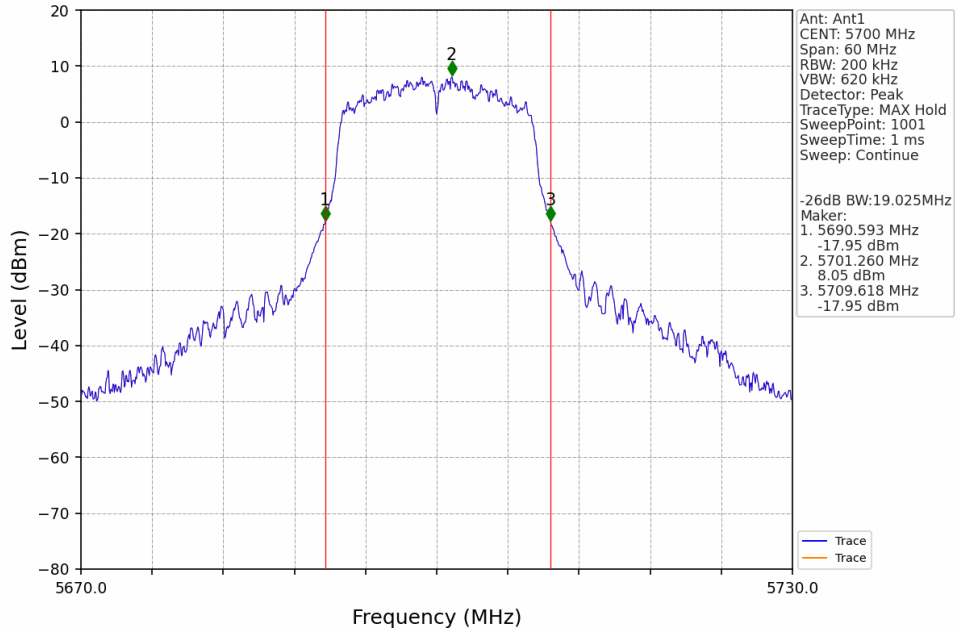
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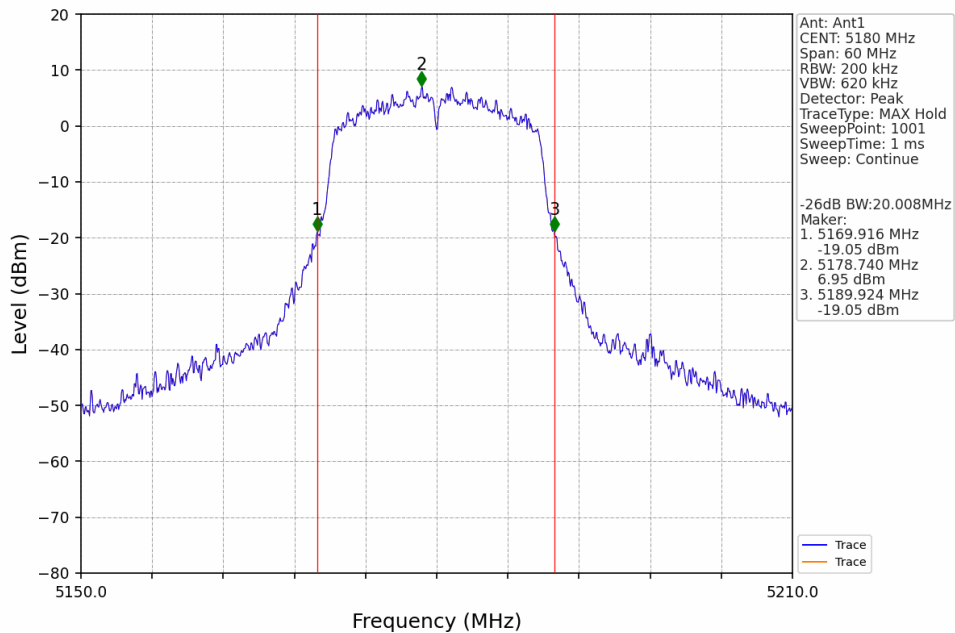
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



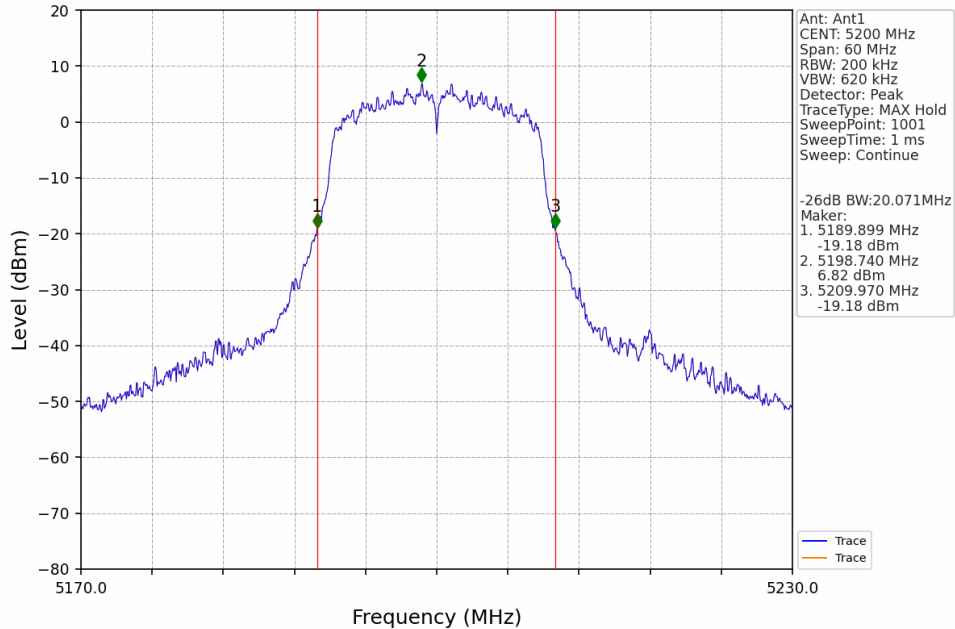
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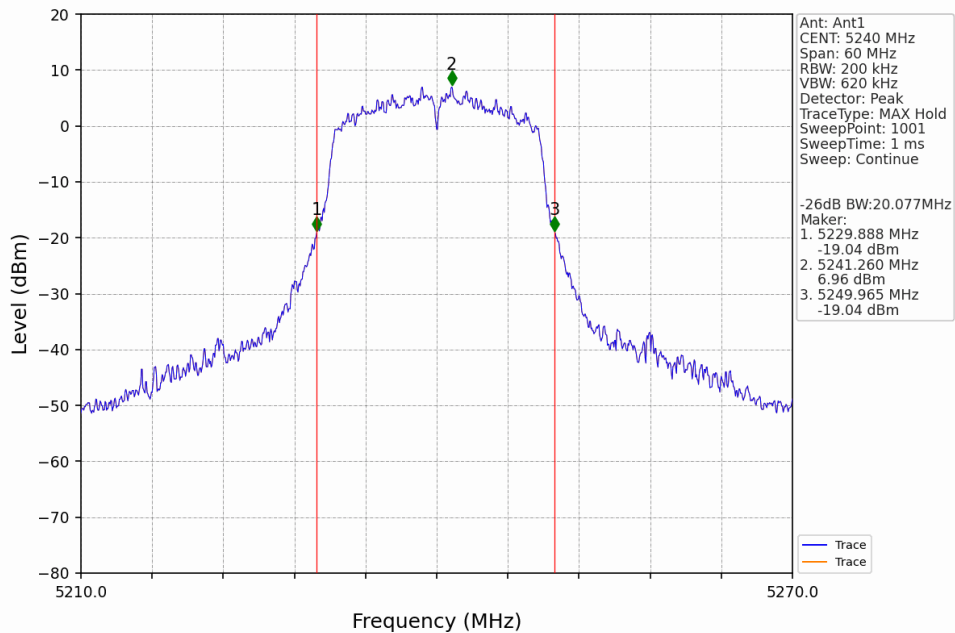
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



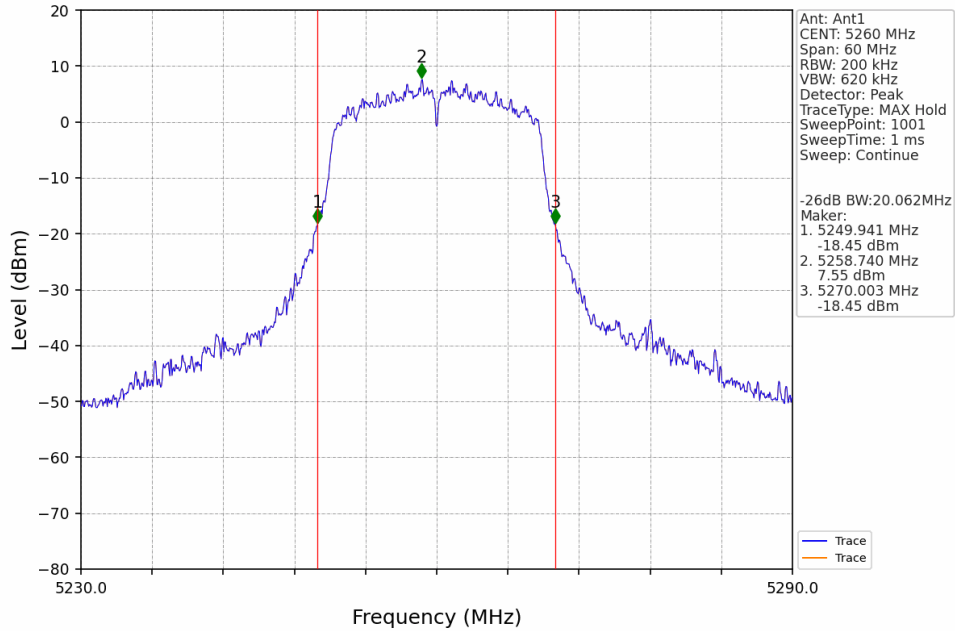
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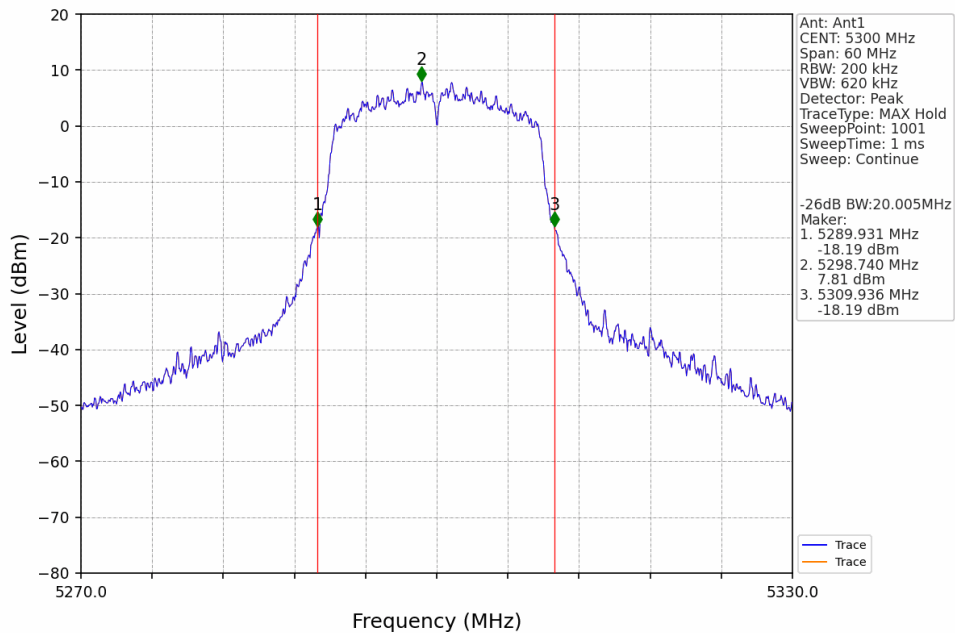
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



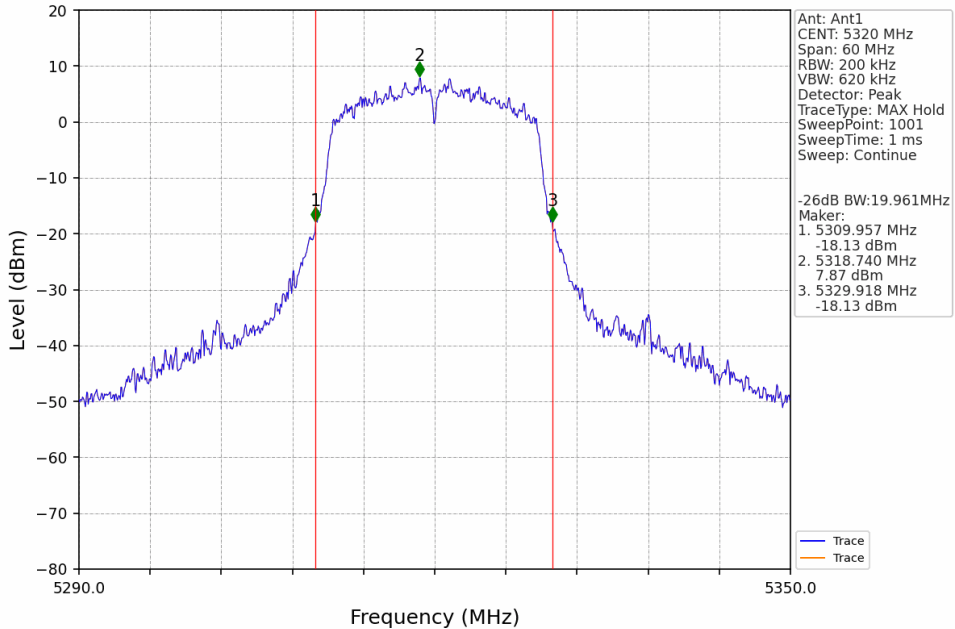
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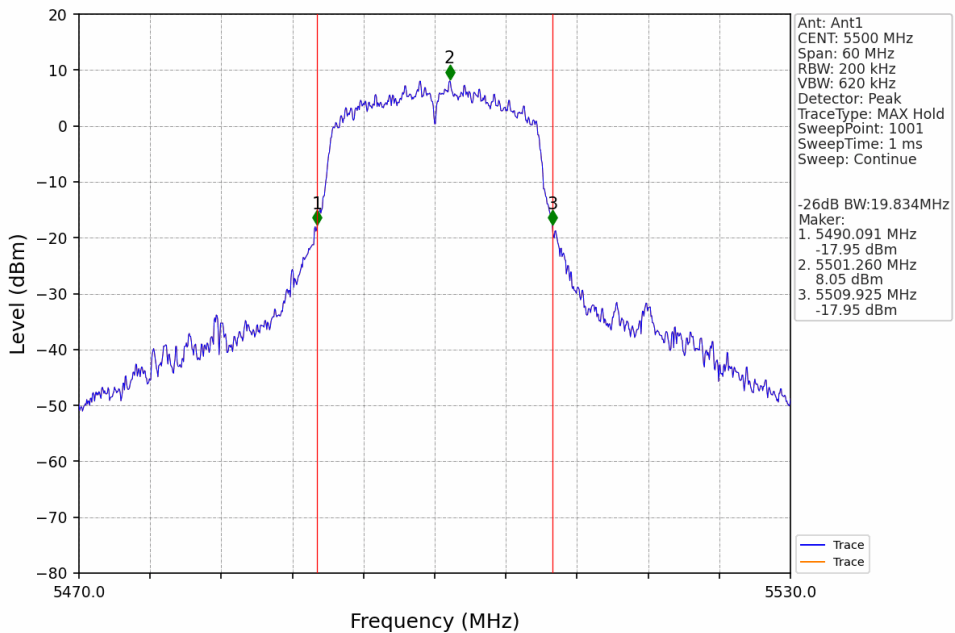
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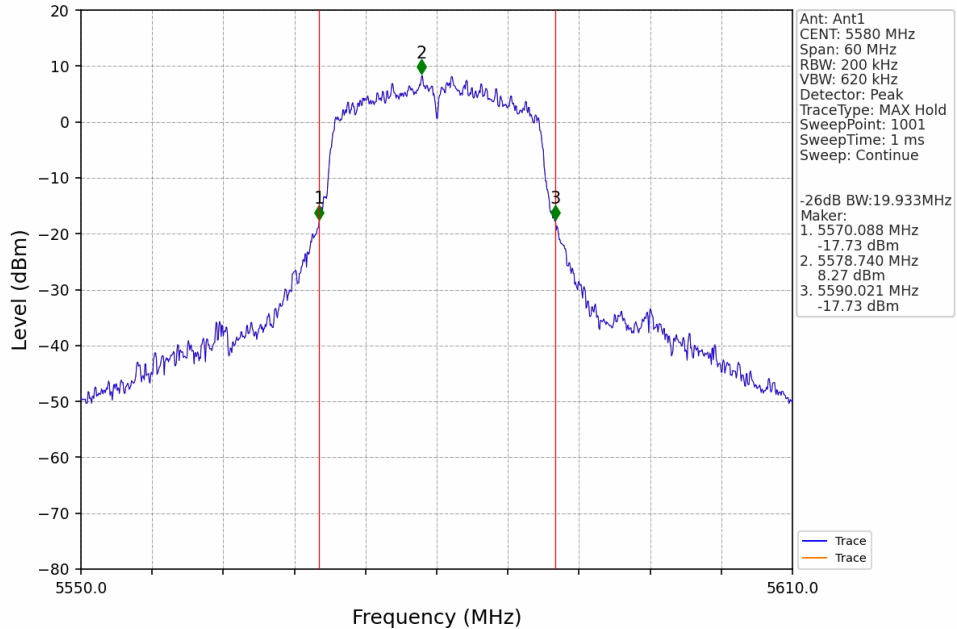
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



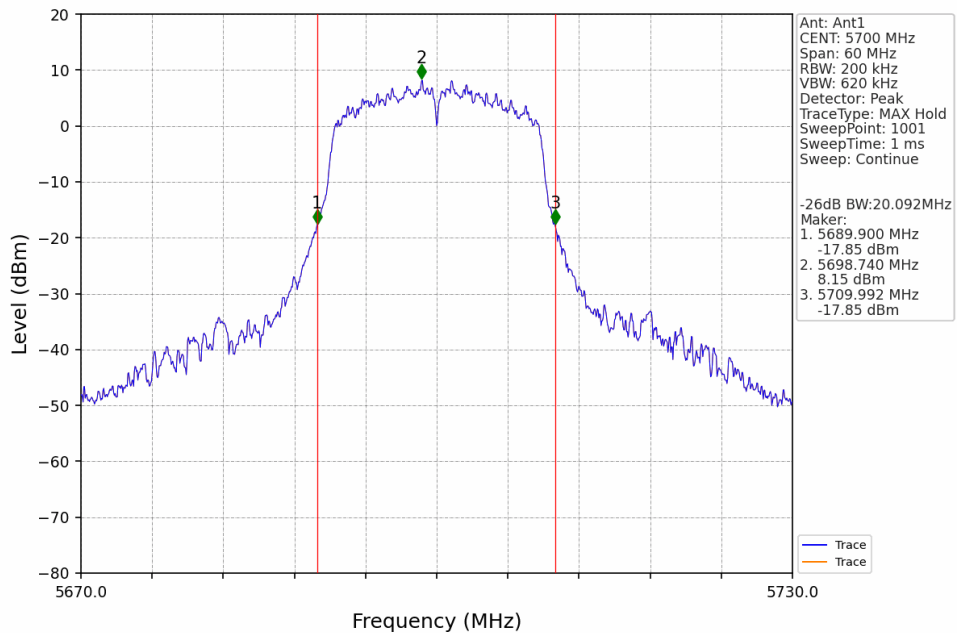
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



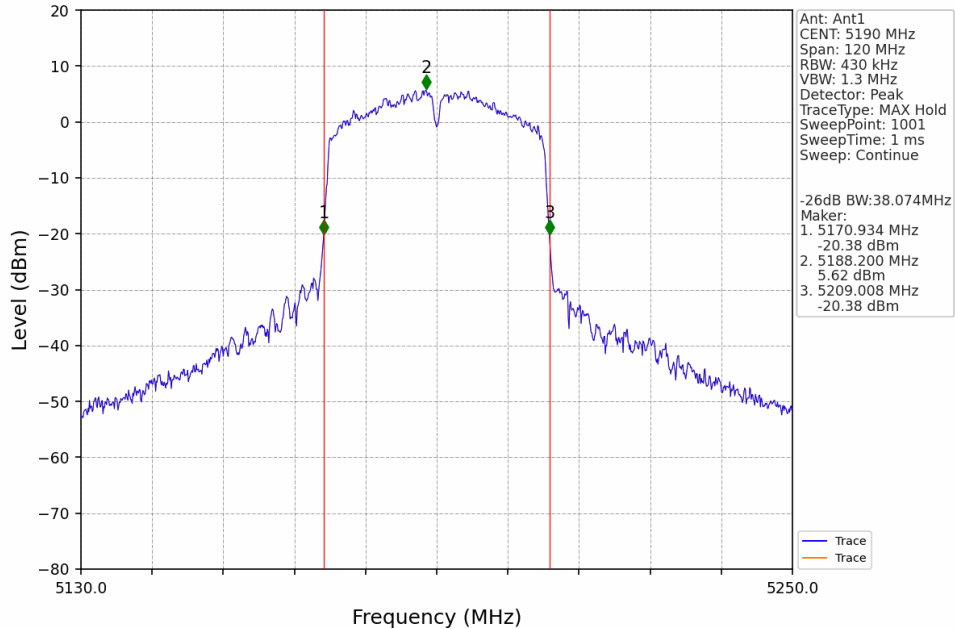
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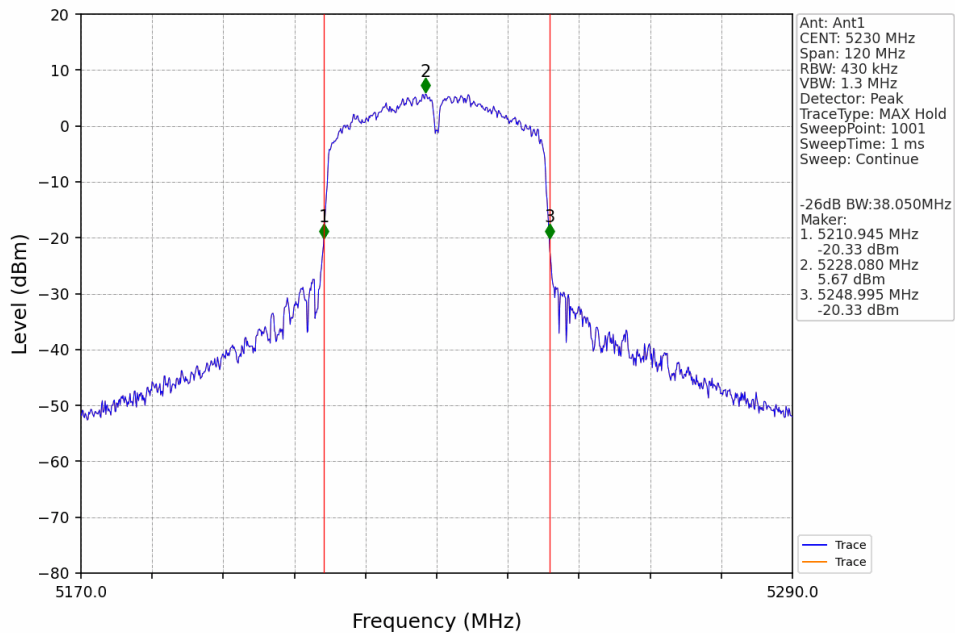
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



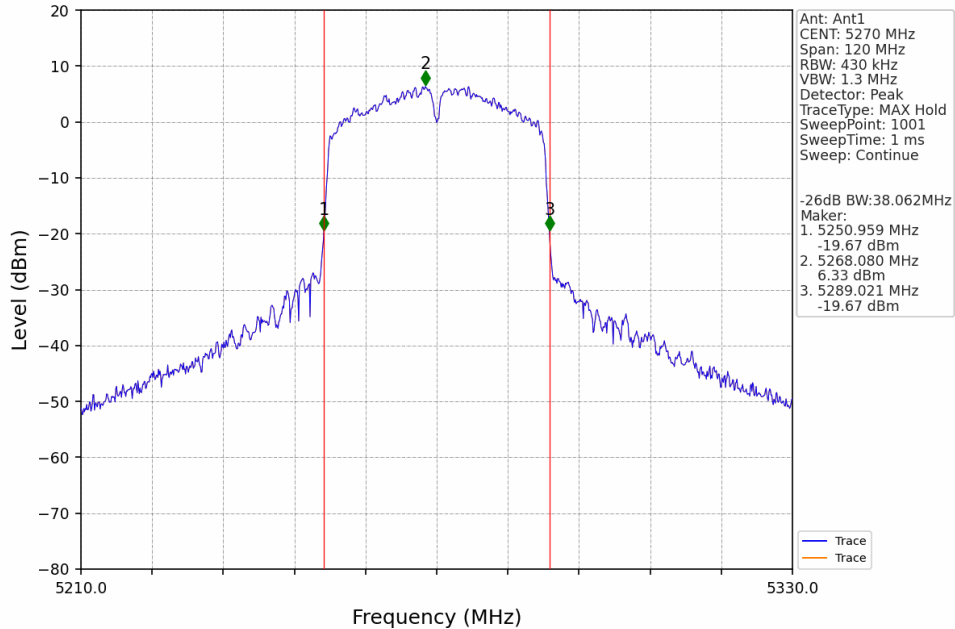
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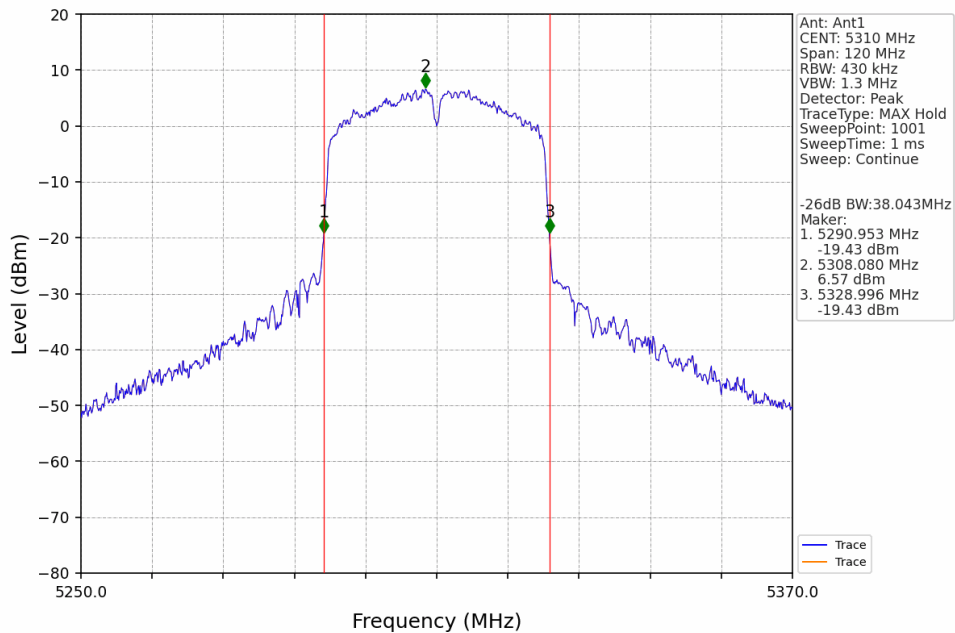
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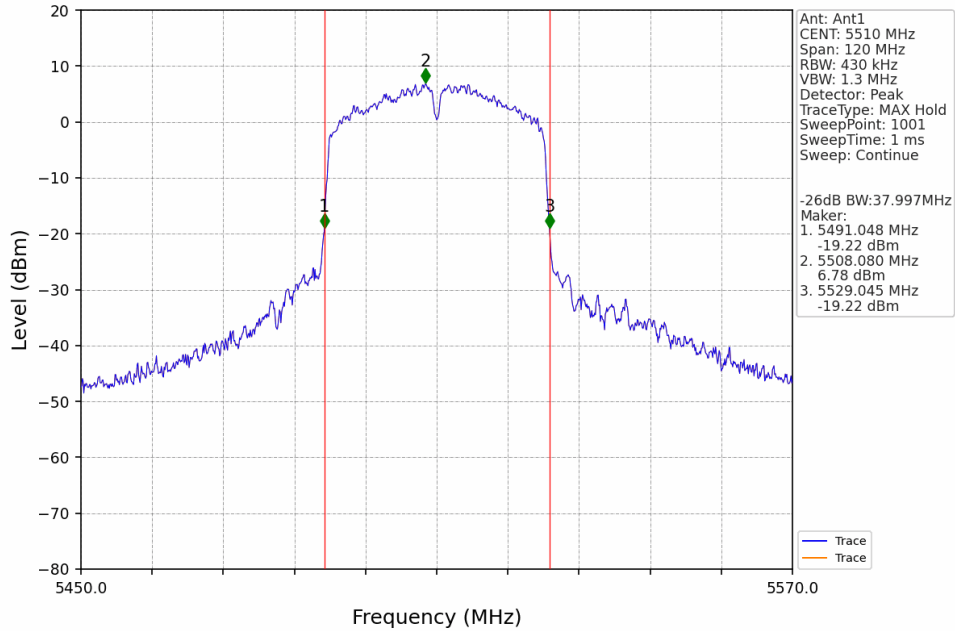
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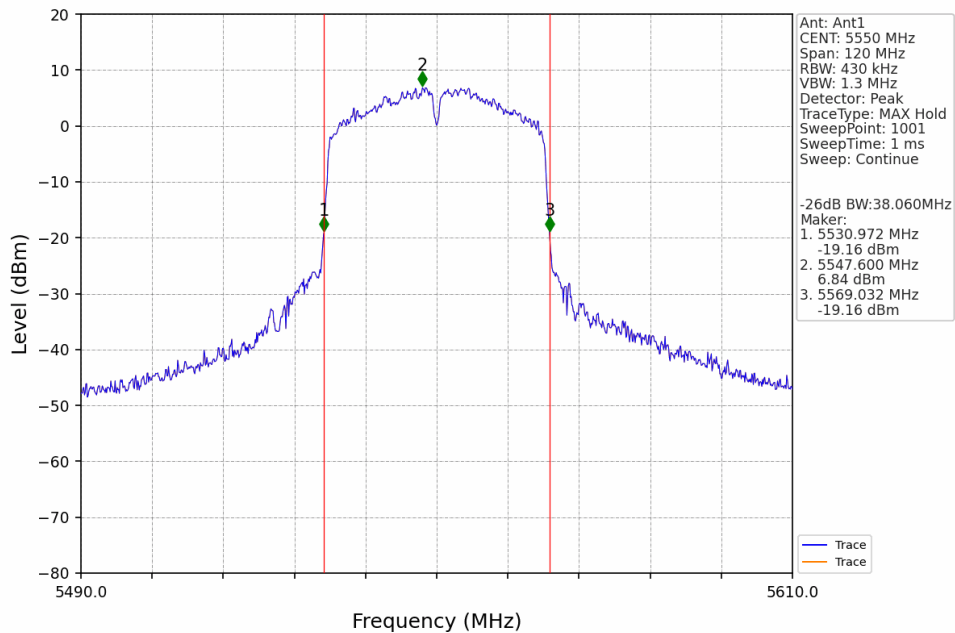
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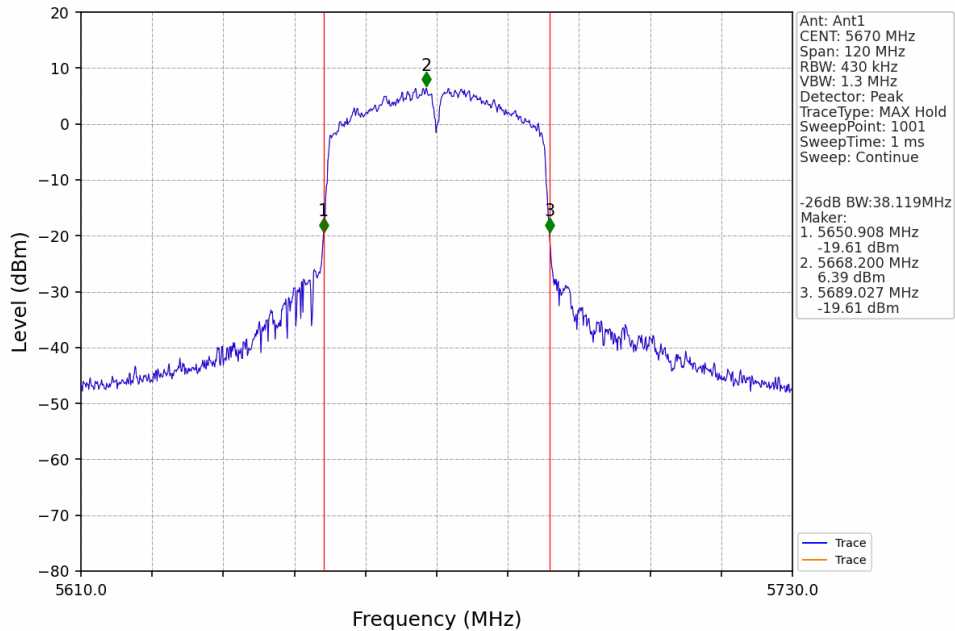
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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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	15.77	<=23.98	Pass
		5200	15.61	<=23.98	Pass
		5240	15.75	<=23.98	Pass
		5260	16.42	<=23.82	Pass
		5300	16.60	<=23.8	Pass
		5320	16.73	<=23.82	Pass
		5500	16.89	<=23.8	Pass
		5580	17.13	<=23.75	Pass
		5700	16.96	<=23.79	Pass
		5745	16.95	<=30	Pass
		5785	16.86	<=30	Pass
		5825	16.76	<=30	Pass
802.11n (HT20)	SISO	5180	15.54	<=23.98	Pass
		5200	15.45	<=23.98	Pass
		5240	15.60	<=23.98	Pass
		5260	16.16	<=23.98	Pass
		5300	16.42	<=23.98	Pass
		5320	16.45	<=23.98	Pass
		5500	16.61	<=23.97	Pass
		5580	16.83	<=23.98	Pass
		5700	16.72	<=23.98	Pass
		5745	16.77	<=30	Pass
		5785	16.64	<=30	Pass
		5825	16.48	<=30	Pass
802.11n (HT40)	SISO	5190	14.56	<=23.98	Pass
		5230	14.62	<=23.98	Pass
		5270	15.28	<=23.98	Pass
		5310	15.49	<=23.98	Pass
		5510	15.36	<=23.98	Pass
		5550	15.94	<=23.98	Pass
		5670	15.57	<=23.98	Pass
		5755	15.85	<=30	Pass
		5795	15.68	<=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	5.96	<=11	Pass
		5200	5.93	<=11	Pass
		5240	5.95	<=11	Pass
		5260	6.68	<=11	Pass
		5300	6.78	<=11	Pass
		5320	6.82	<=11	Pass
		5500	7.09	<=11	Pass
		5580	7.38	<=11	Pass
		5700	7.10	<=11	Pass
802.11n (HT20)	SISO	5180	5.70	<=11	Pass
		5200	5.63	<=11	Pass
		5240	5.63	<=11	Pass
		5260	6.25	<=11	Pass
		5300	6.38	<=11	Pass
		5320	6.54	<=11	Pass
		5500	6.63	<=11	Pass
		5580	6.84	<=11	Pass
		5700	6.73	<=11	Pass
802.11n (HT40)	SISO	5190	1.99	<=11	Pass
		5230	2.00	<=11	Pass
		5270	2.75	<=11	Pass
		5310	2.77	<=11	Pass
		5510	2.64	<=11	Pass
		5550	3.12	<=11	Pass
		5670	2.92	<=11	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100416104

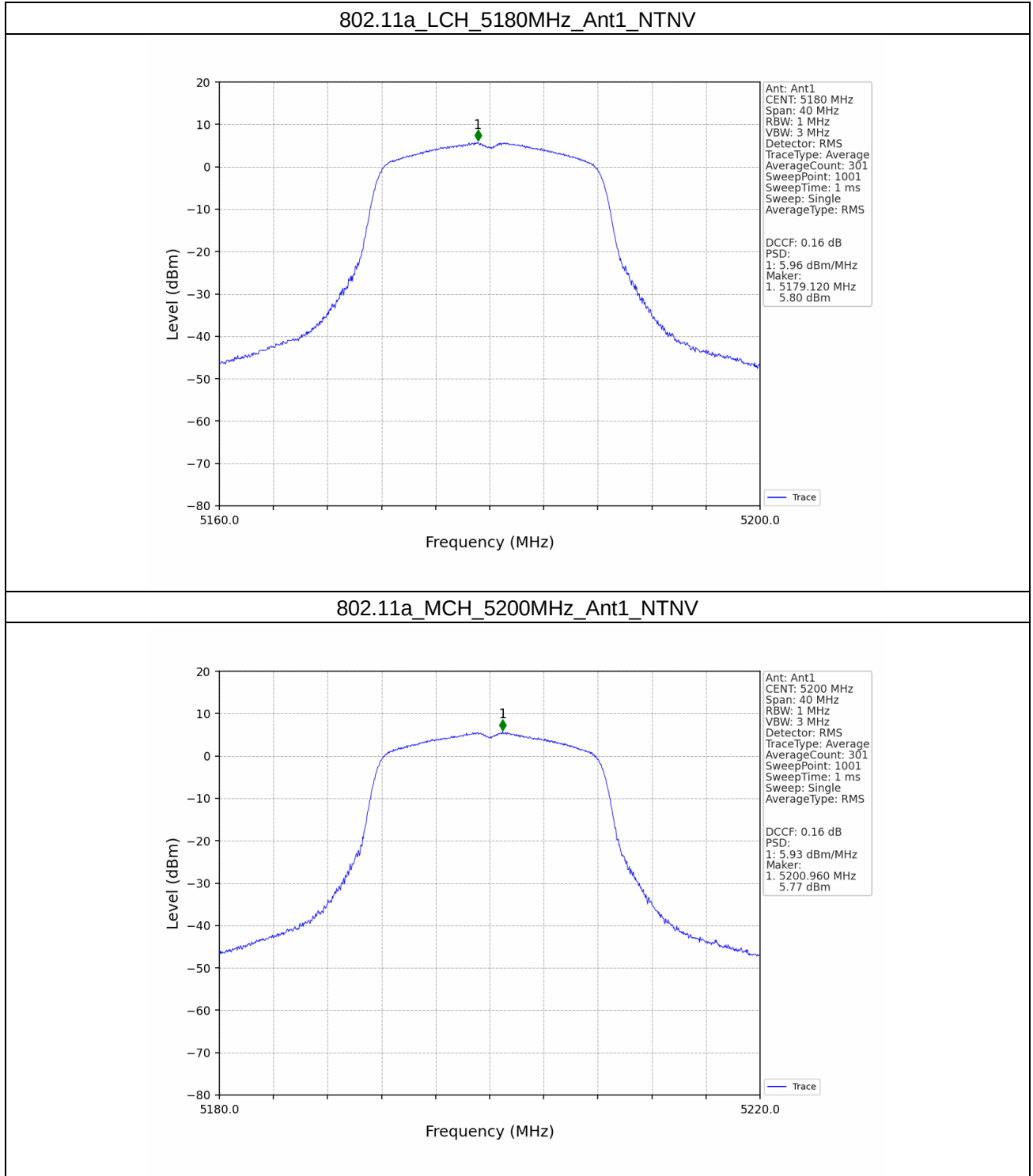
Page: 228 of 258

4.1.2 PSD-Band3

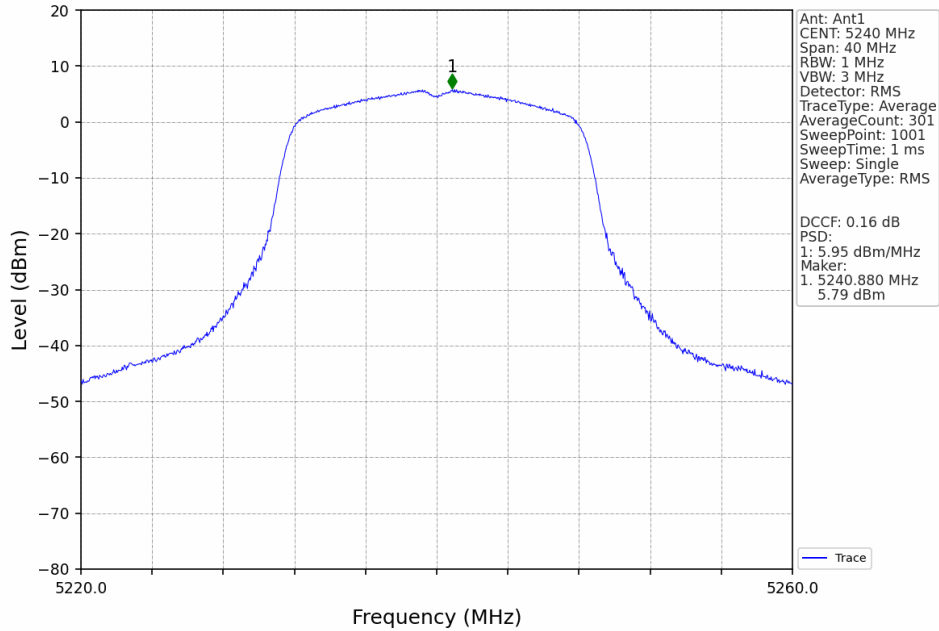
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	4.47	<=30	Pass
		5785	4.40	<=30	Pass
		5825	4.39	<=30	Pass
802.11n (HT20)	SISO	5745	4.31	<=30	Pass
		5785	4.33	<=30	Pass
		5825	4.04	<=30	Pass
802.11n (HT40)	SISO	5755	0.38	<=30	Pass
		5795	0.36	<=30	Pass

4.2 Test Graph

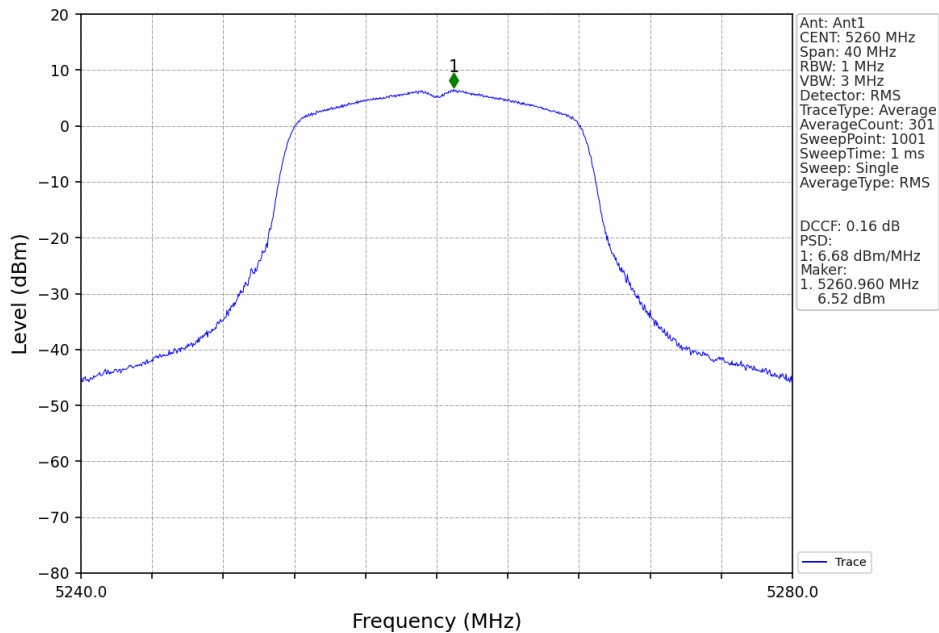
4.2.1 PSD



802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



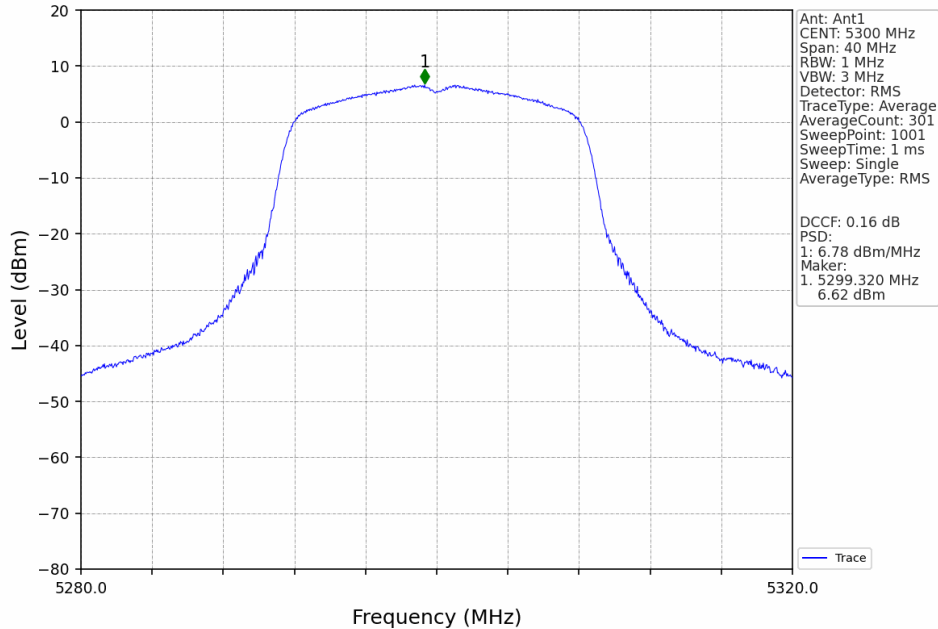
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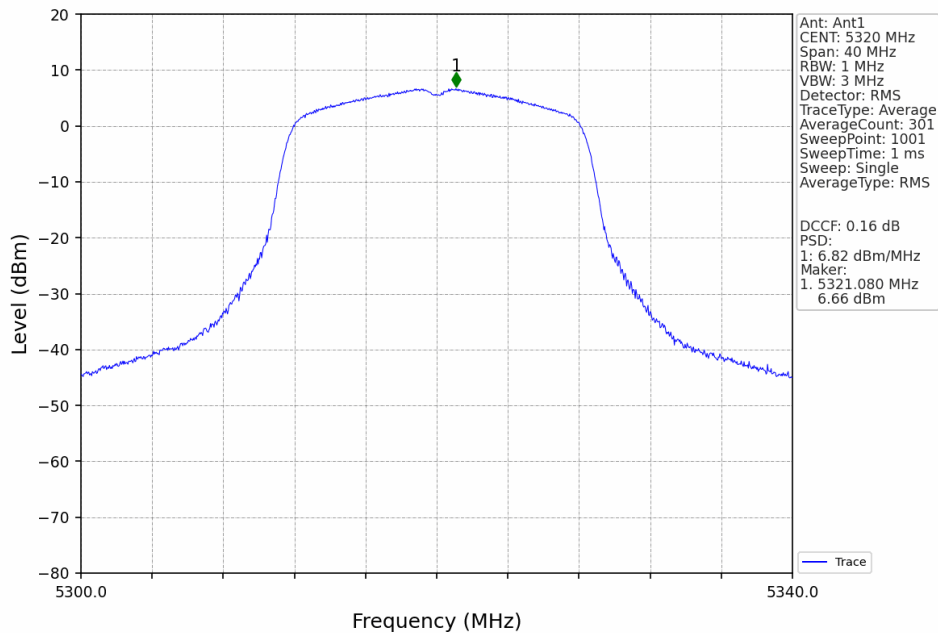
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802.11a_MCH_5300MHz_Ant1_NTNV



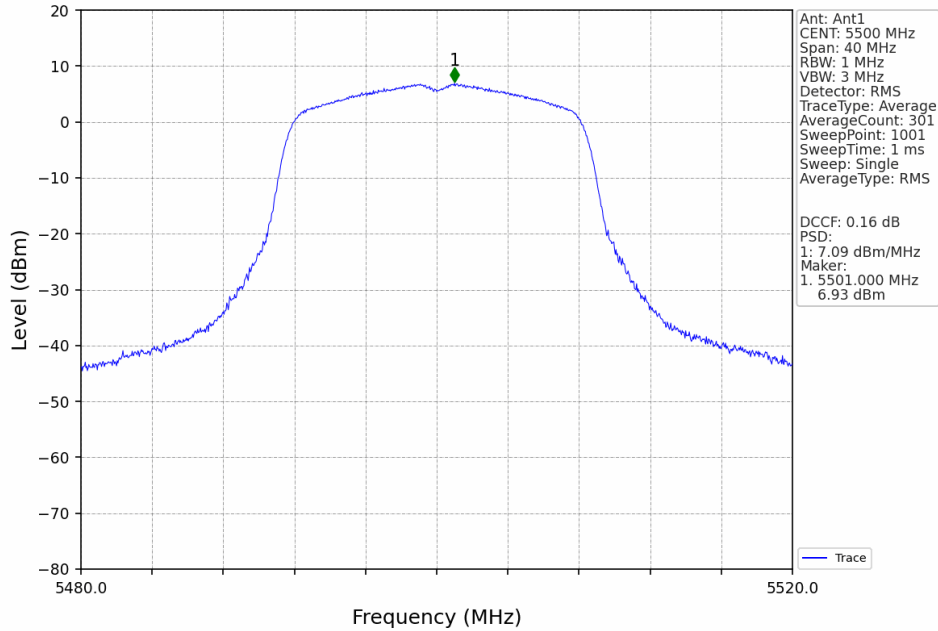
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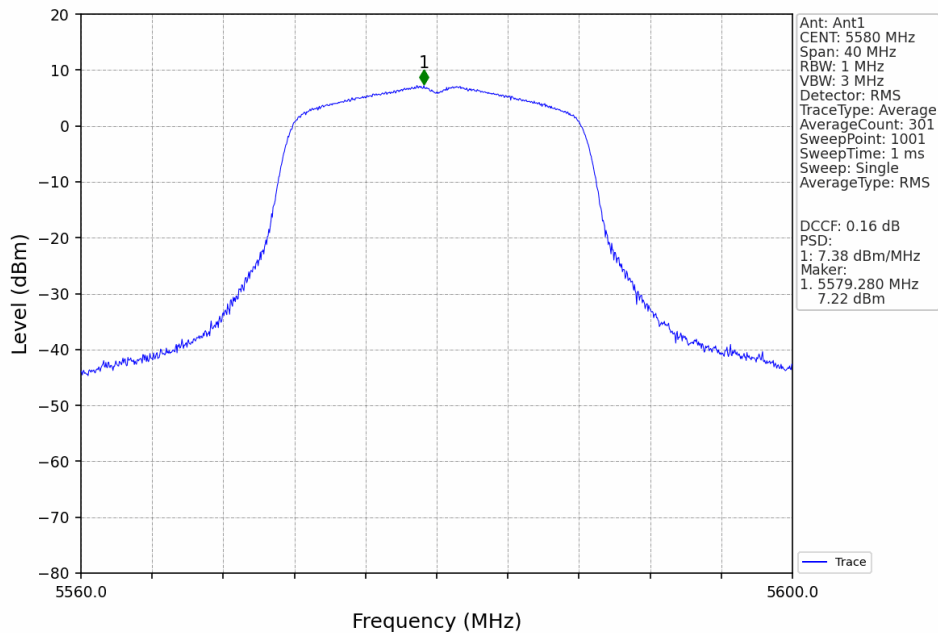
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



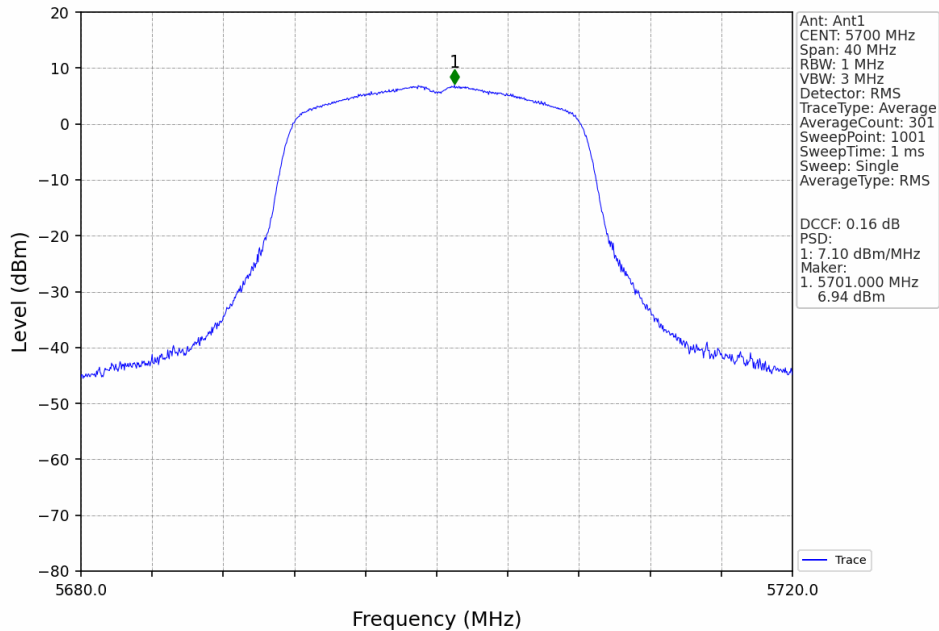
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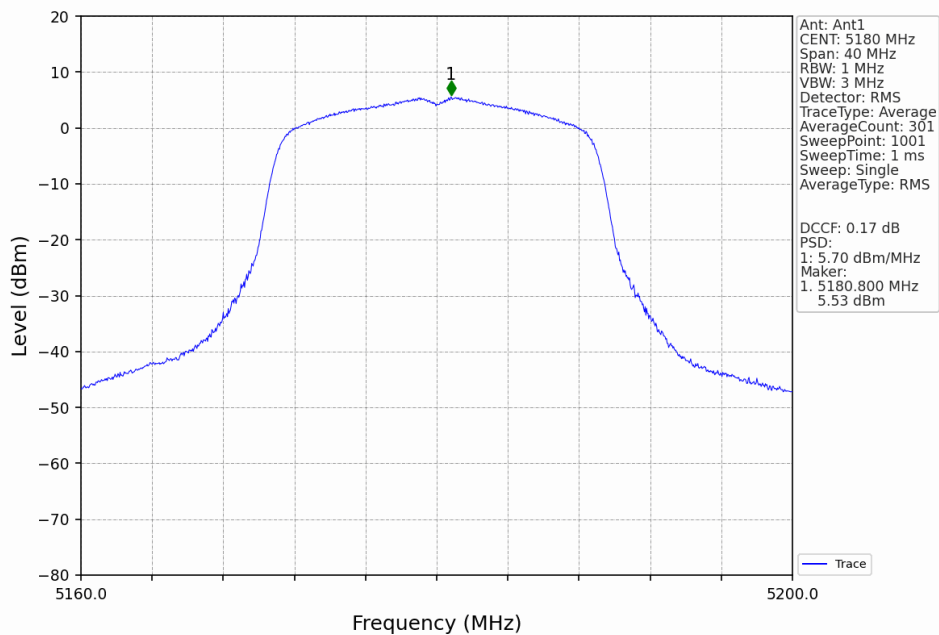
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802.11a_HCH_5700MHz_Ant1_NTNV



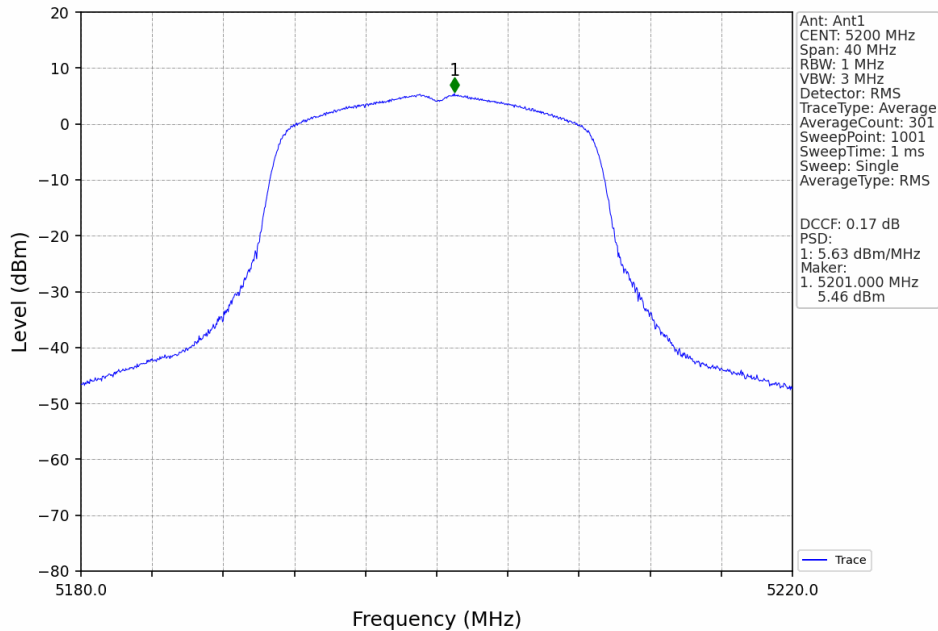
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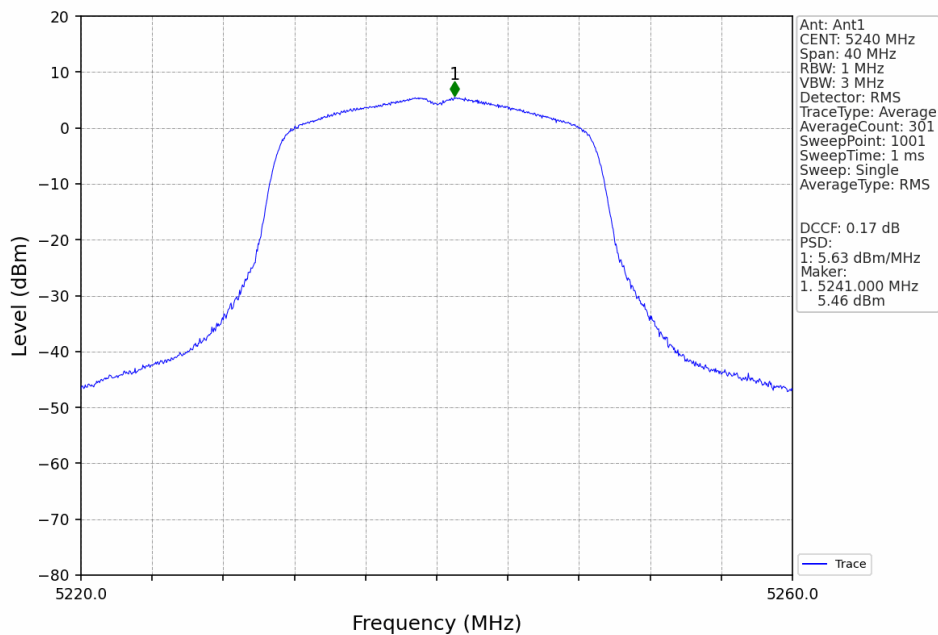
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



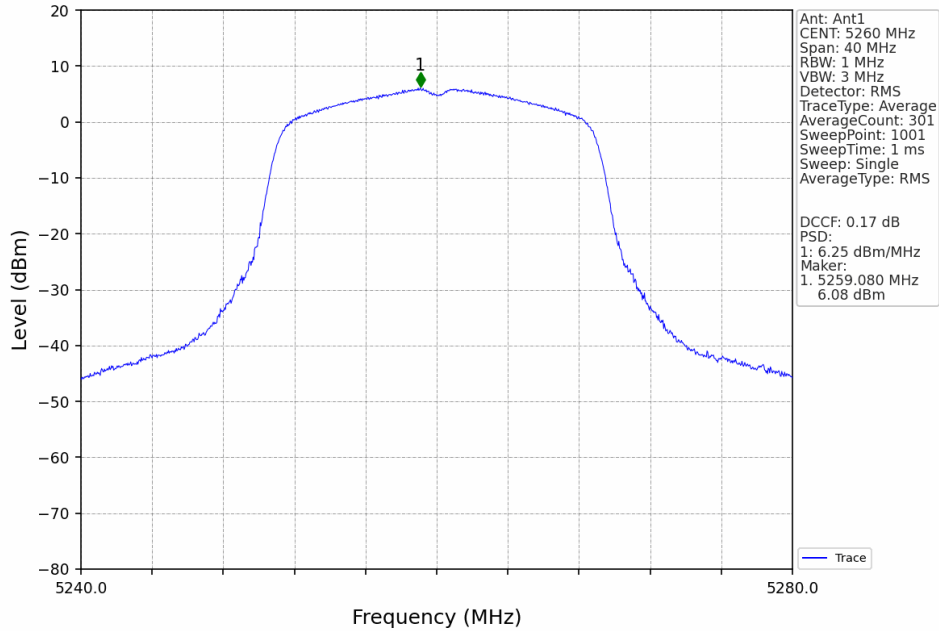
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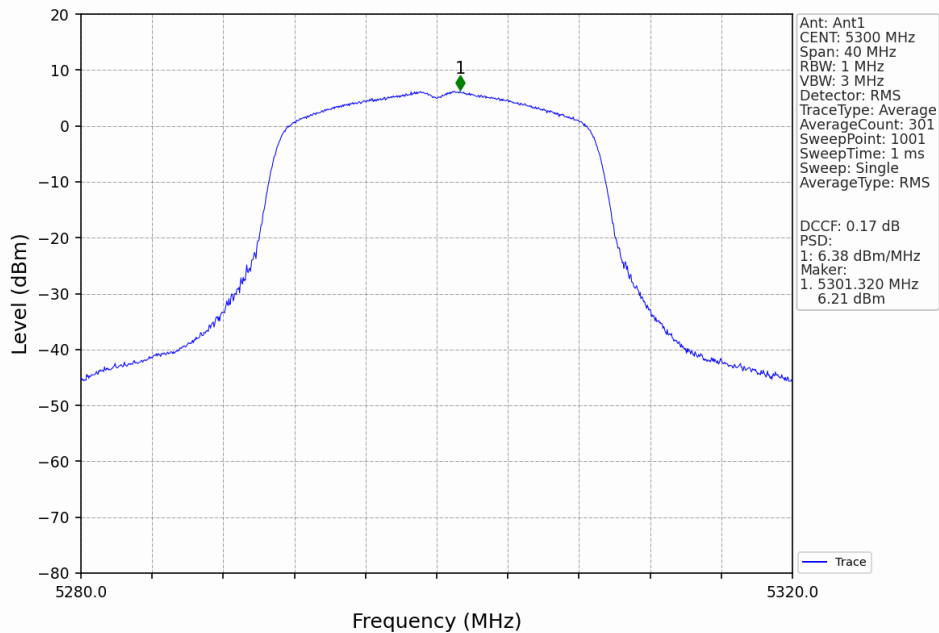
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



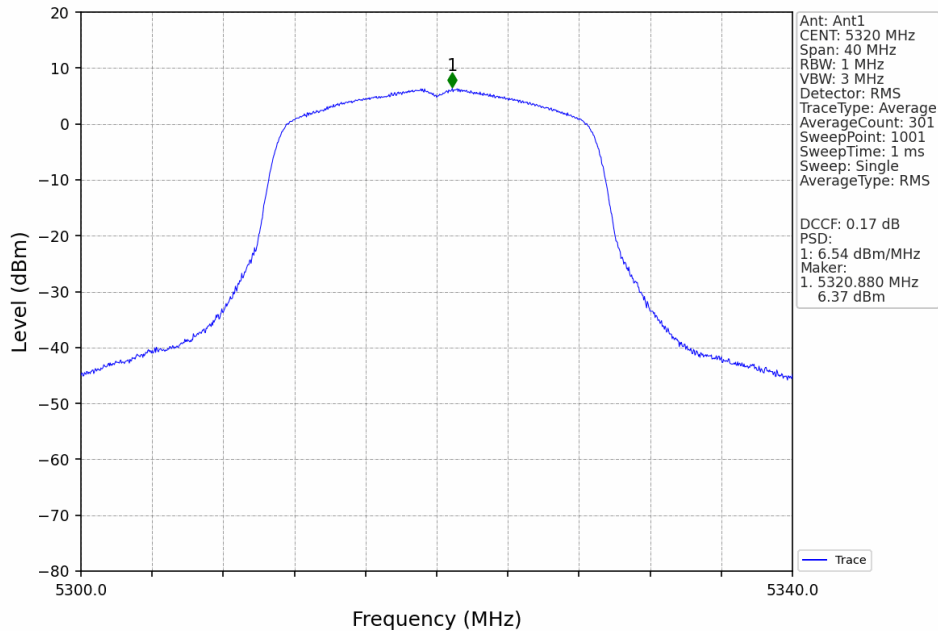
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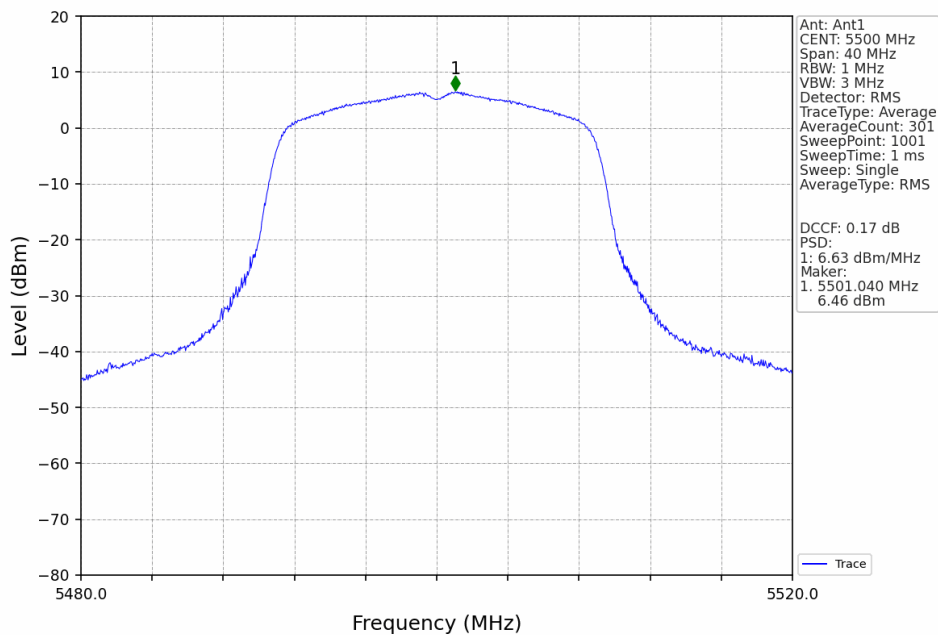
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



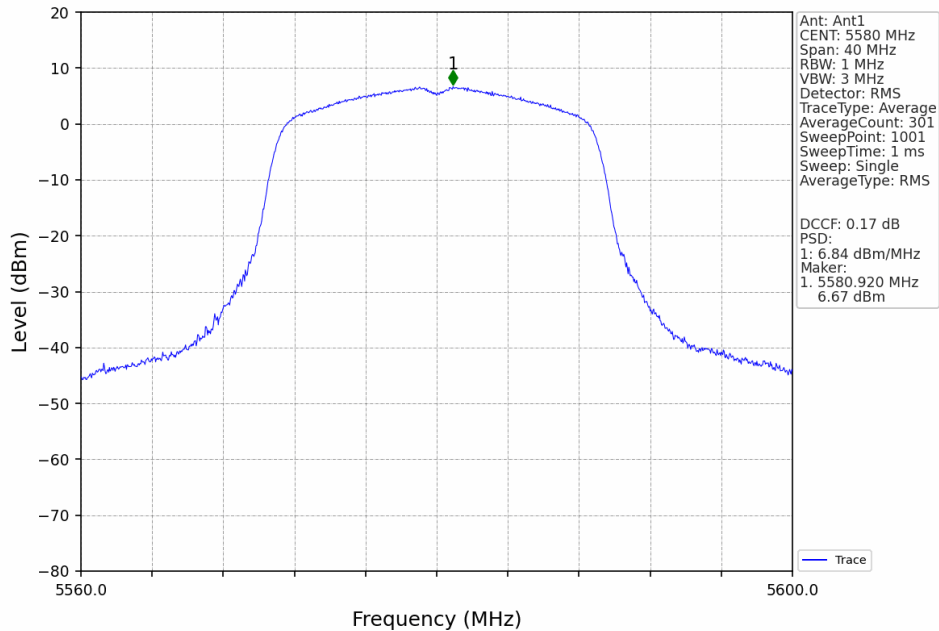
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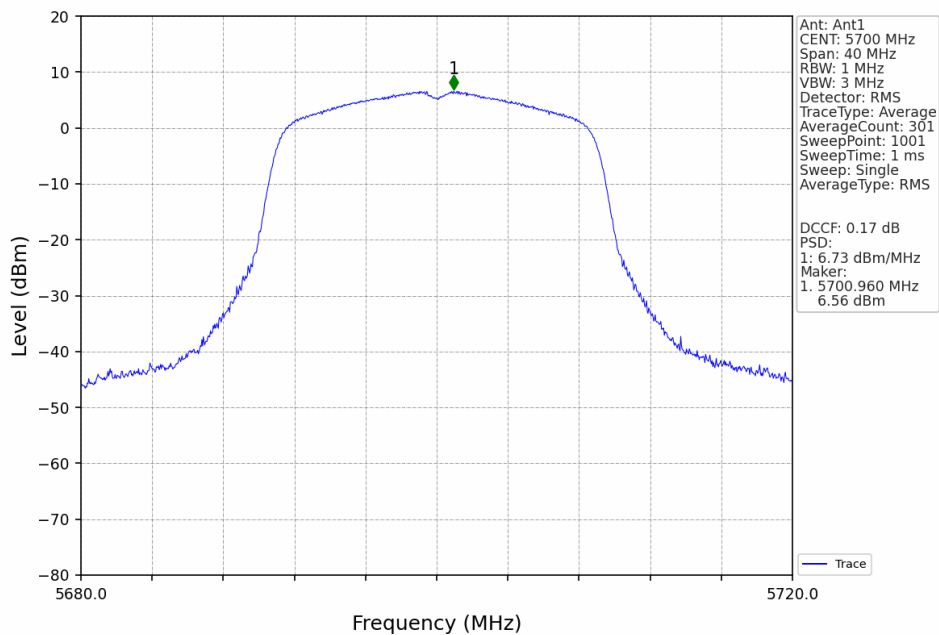
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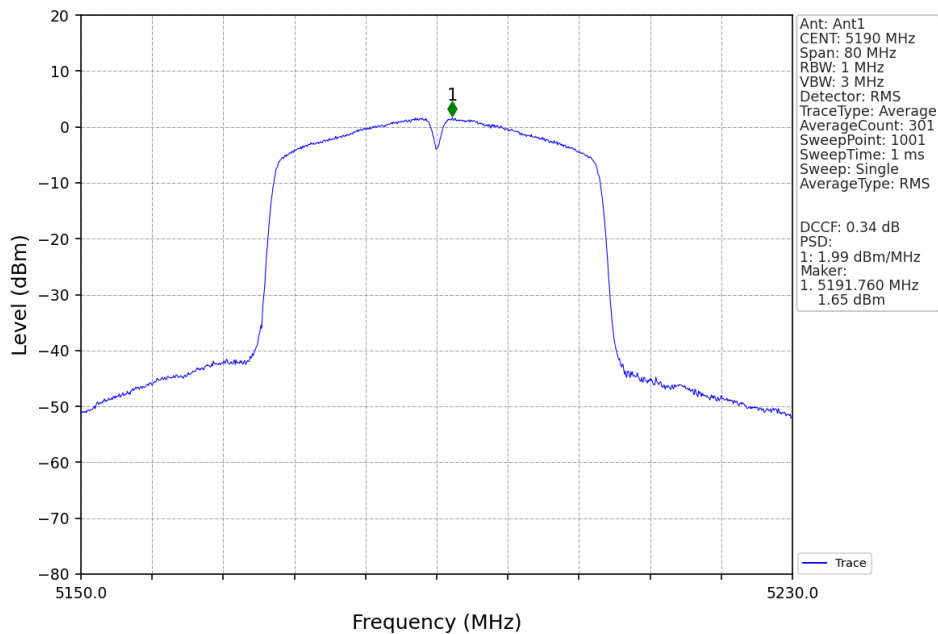
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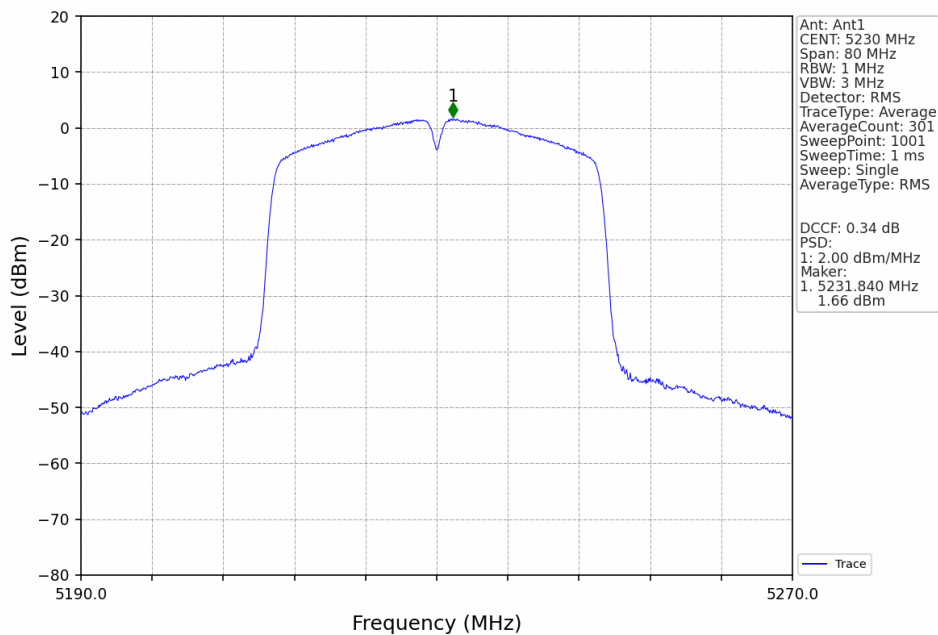
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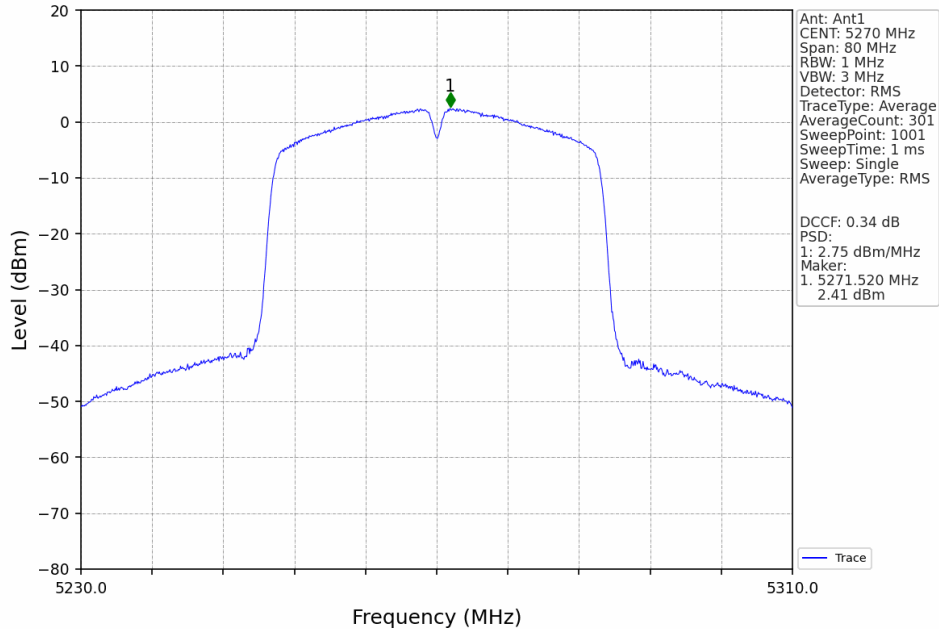
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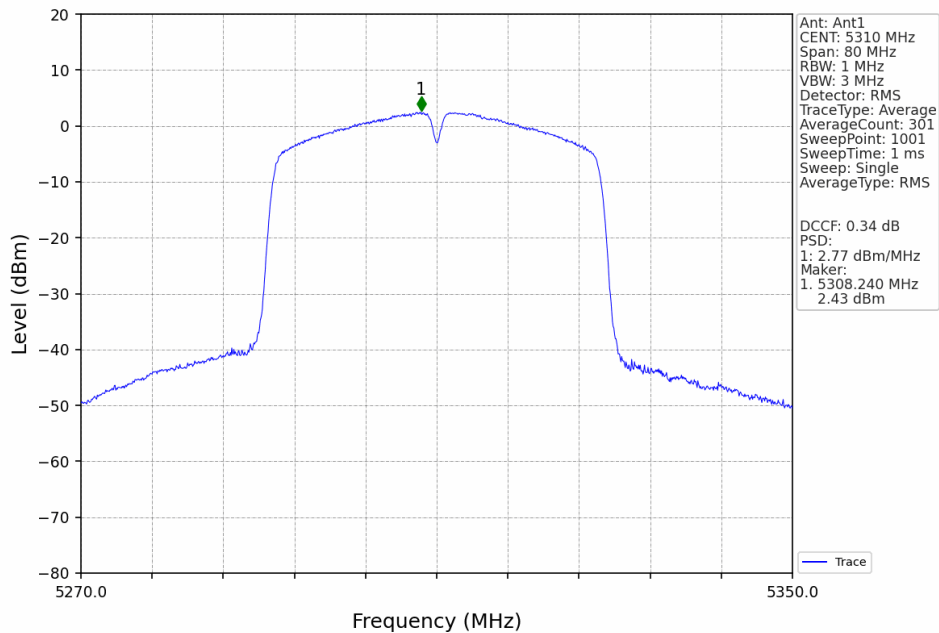
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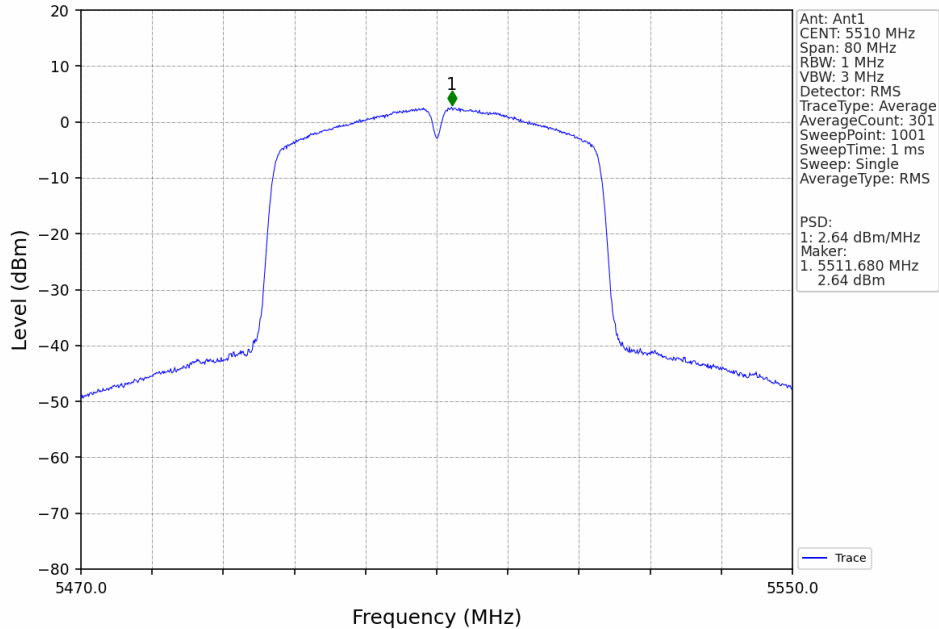
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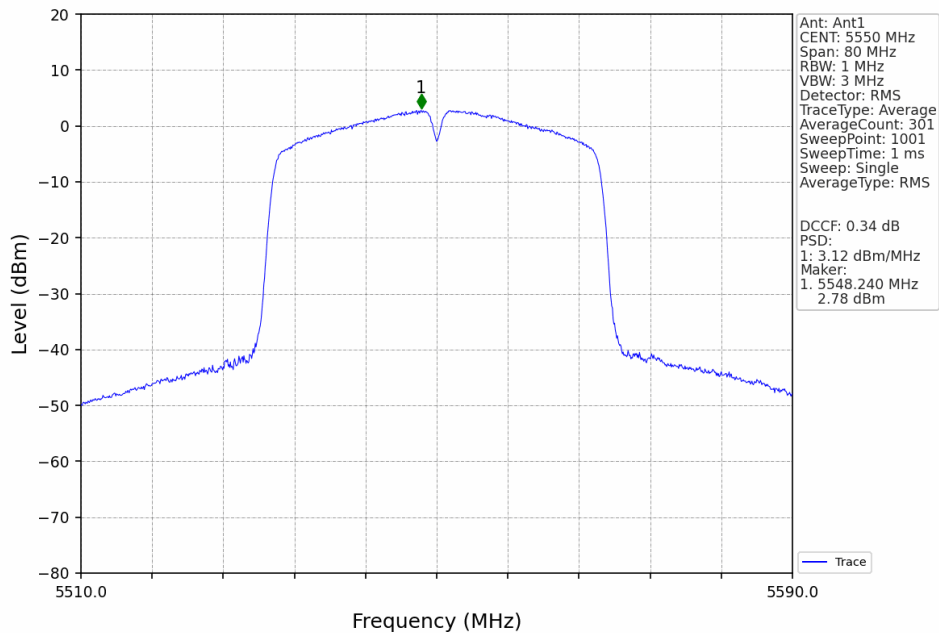
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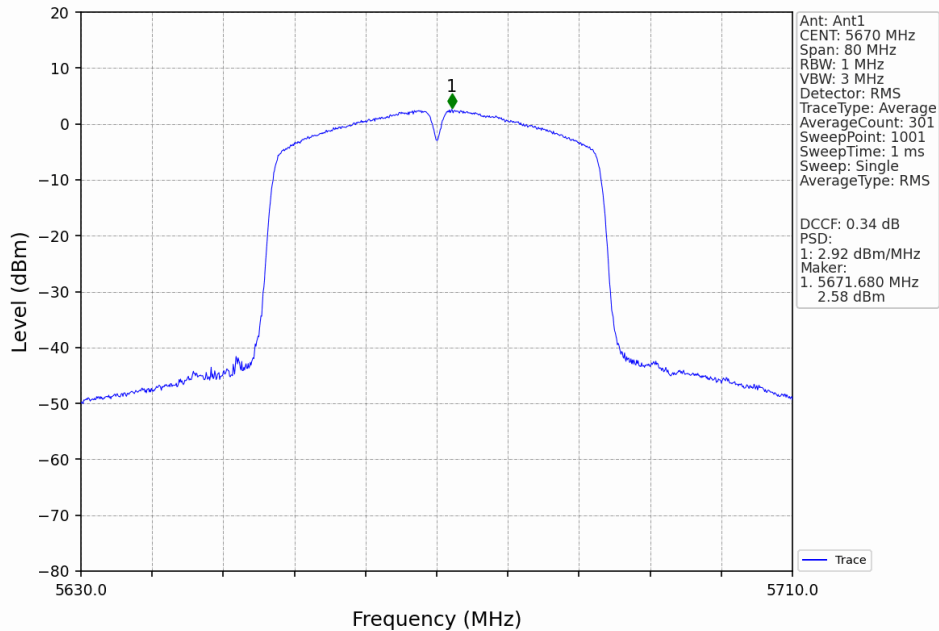
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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