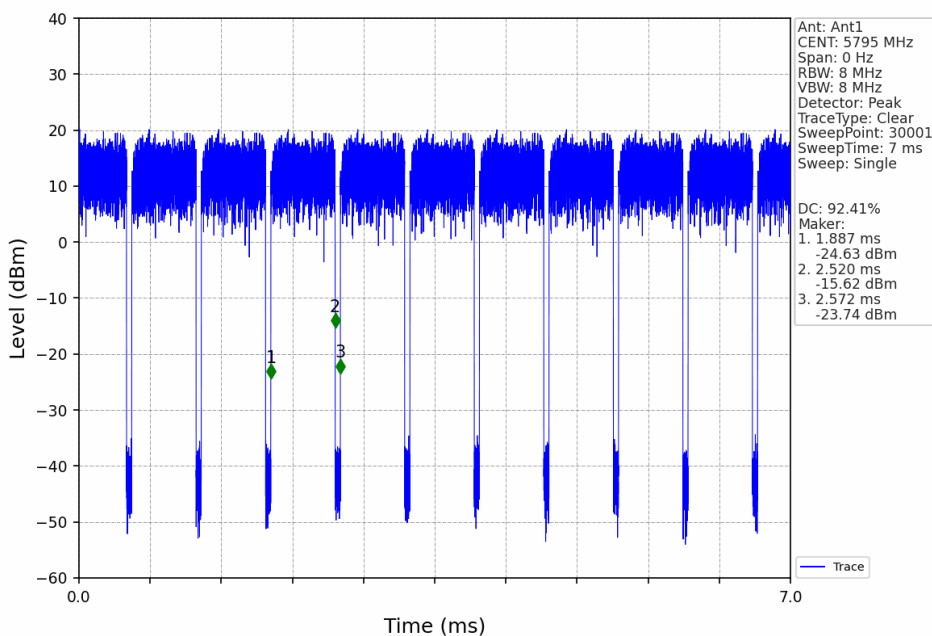


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	16.775	/	Pass
		5200	1	16.800	/	Pass
		5240	1	16.775	/	Pass
		5260	1	16.794	/	Pass
		5300	1	16.781	/	Pass
		5320	1	16.755	/	Pass
		5500	1	16.764	/	Pass
		5580	1	16.769	/	Pass
		5700	1	16.792	/	Pass
		5745	1	16.763	/	Pass
		5785	1	16.771	/	Pass
		5825	1	16.774	/	Pass
802.11n (HT20)	SISO	5180	1	17.767	/	Pass
		5200	1	35.213	/	Pass
		5240	1	35.175	/	Pass
		5260	1	17.769	/	Pass
		5300	1	17.769	/	Pass
		5320	1	17.783	/	Pass
		5500	1	17.774	/	Pass
		5580	1	17.779	/	Pass
		5700	1	17.786	/	Pass
		5745	1	17.774	/	Pass
		5785	1	17.772	/	Pass
		5825	1	17.777	/	Pass
802.11n (HT40)	SISO	5190	1	35.180	/	Pass
		5230	1	35.160	/	Pass
		5270	1	35.192	/	Pass
		5310	1	35.179	/	Pass
		5510	1	35.178	/	Pass
		5550	1	35.123	/	Pass
		5670	1	35.192	/	Pass



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		5755	1	35.160	/	Pass
		5795	1	35.205	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.107	>=0.5	Pass
		5785	1	15.115	>=0.5	Pass
		5825	1	15.093	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	15.117	>=0.5	Pass
		5785	1	15.108	>=0.5	Pass
		5825	1	15.107	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	30.091	>=0.5	Pass
		5795	1	31.320	>=0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	19.025	/	Pass
		5200	1	19.085	/	Pass
		5240	1	19.039	/	Pass
		5260	1	19.063	/	Pass
		5300	1	18.742	/	Pass
		5320	1	19.062	/	Pass
		5500	1	19.023	/	Pass
		5580	1	18.982	/	Pass
		5700	1	19.045	/	Pass
802.11n (HT20)	SISO	5180	1	20.258	/	Pass
		5200	1	37.434	/	Pass
		5240	1	37.388	/	Pass
		5260	1	19.947	/	Pass
		5300	1	19.858	/	Pass
		5320	1	19.973	/	Pass
		5500	1	19.881	/	Pass
		5580	1	20.019	/	Pass
		5700	1	19.842	/	Pass
802.11n (HT40)	SISO	5190	1	38.027	/	Pass
		5230	1	38.004	/	Pass
		5270	1	38.028	/	Pass



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		5310	1	38.084	/	Pass
		5510	1	38.037	/	Pass
		5550	1	37.987	/	Pass
		5670	1	38.070	/	Pass



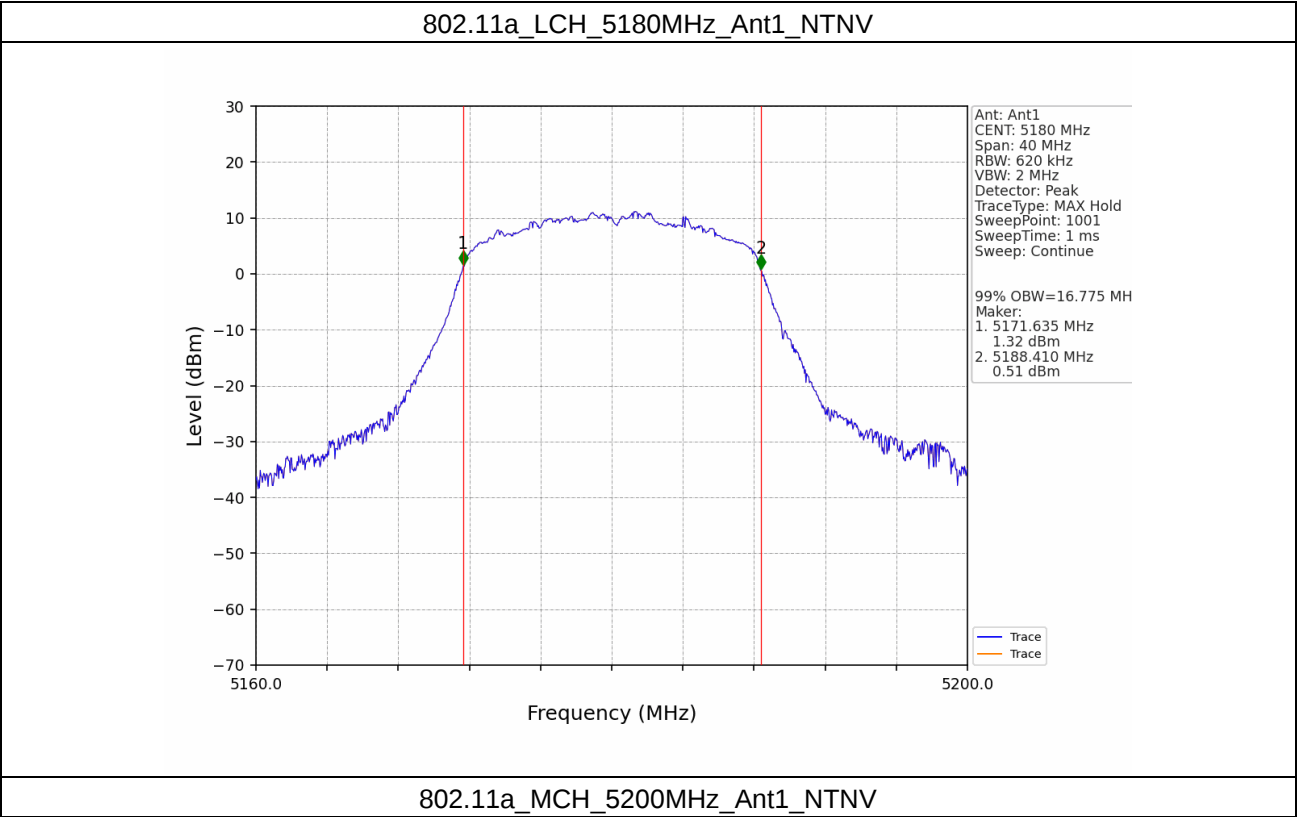
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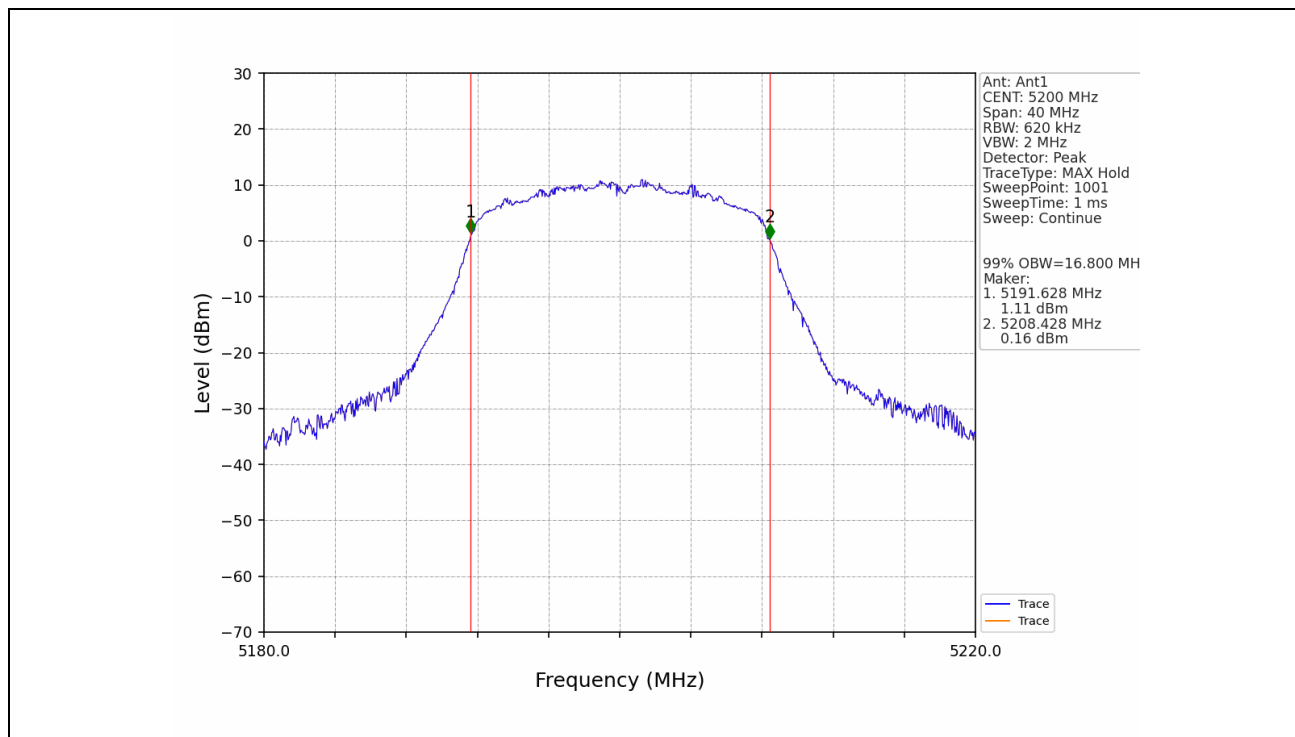
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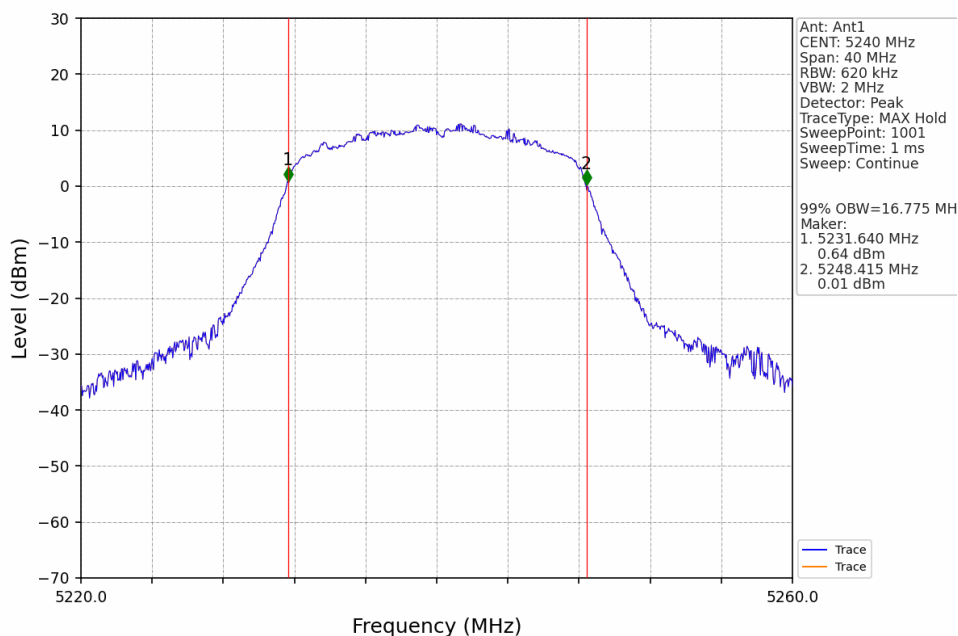
2.2 Test Graph

2.2.1 OBW

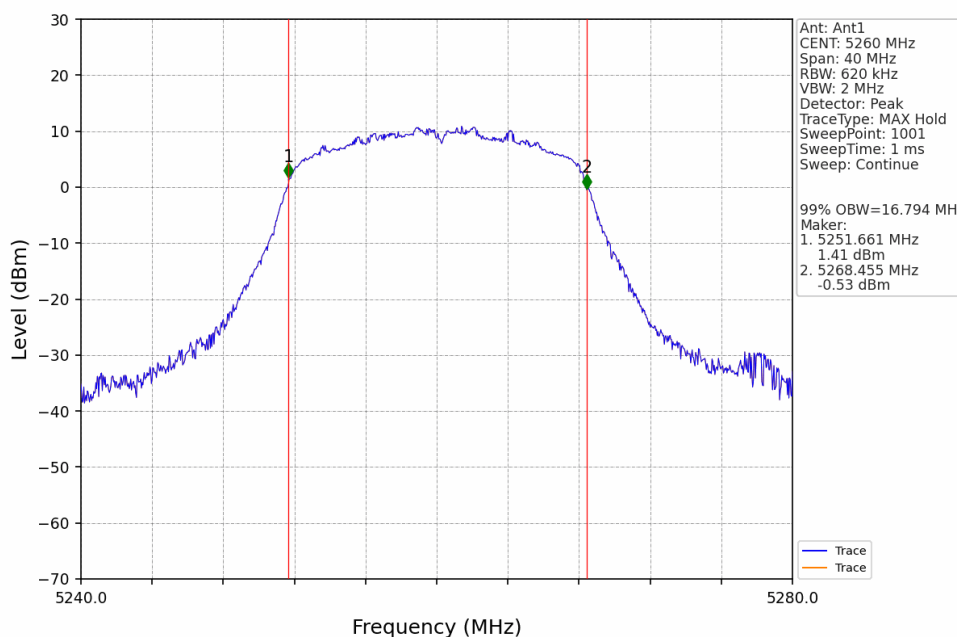




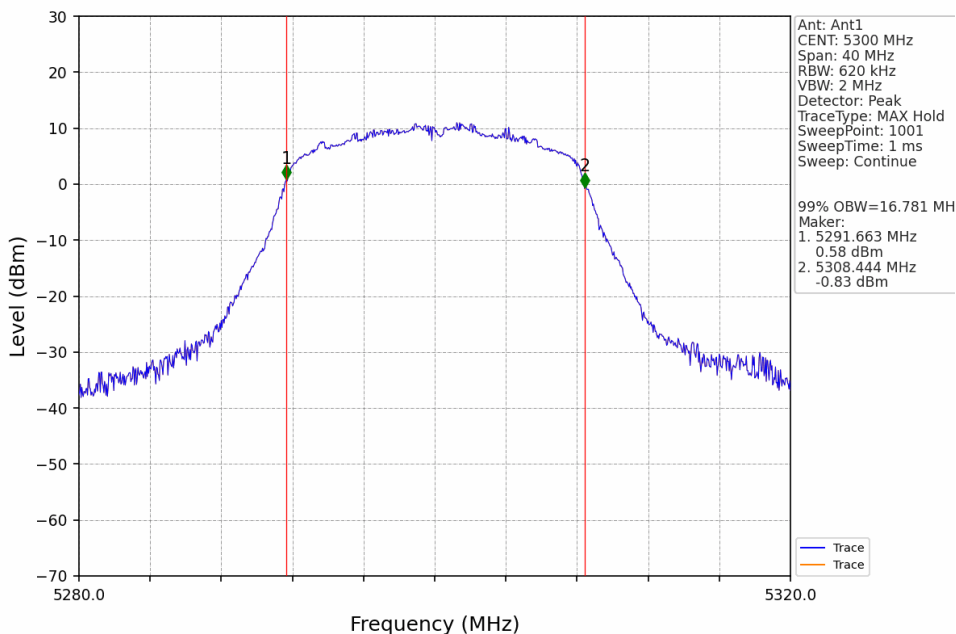
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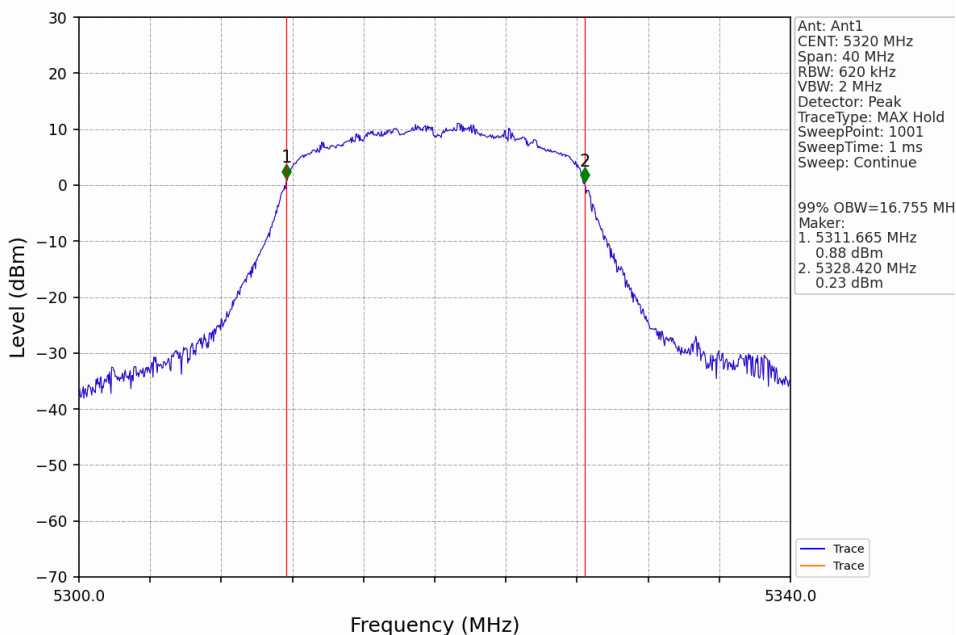
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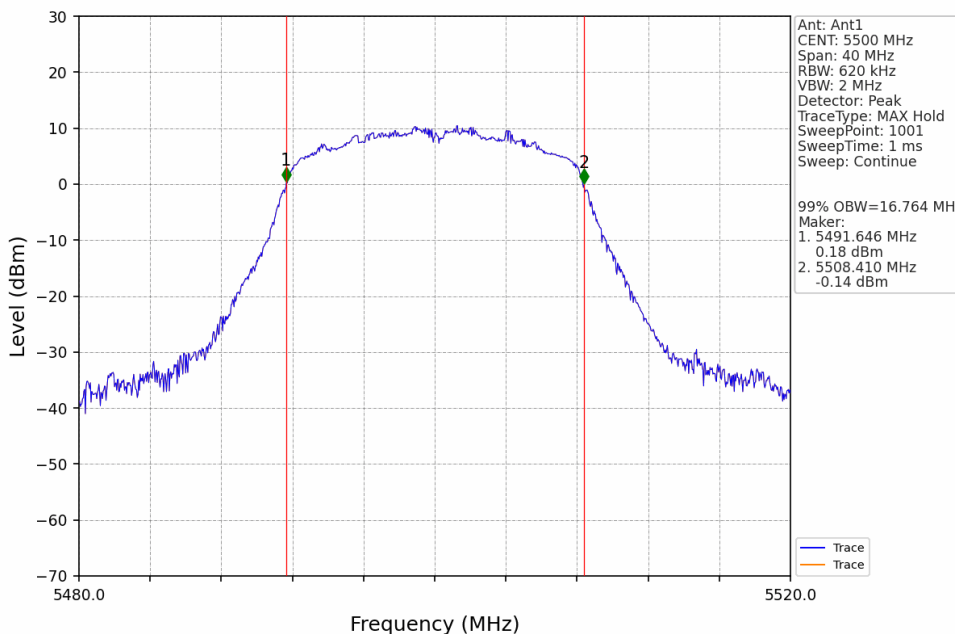
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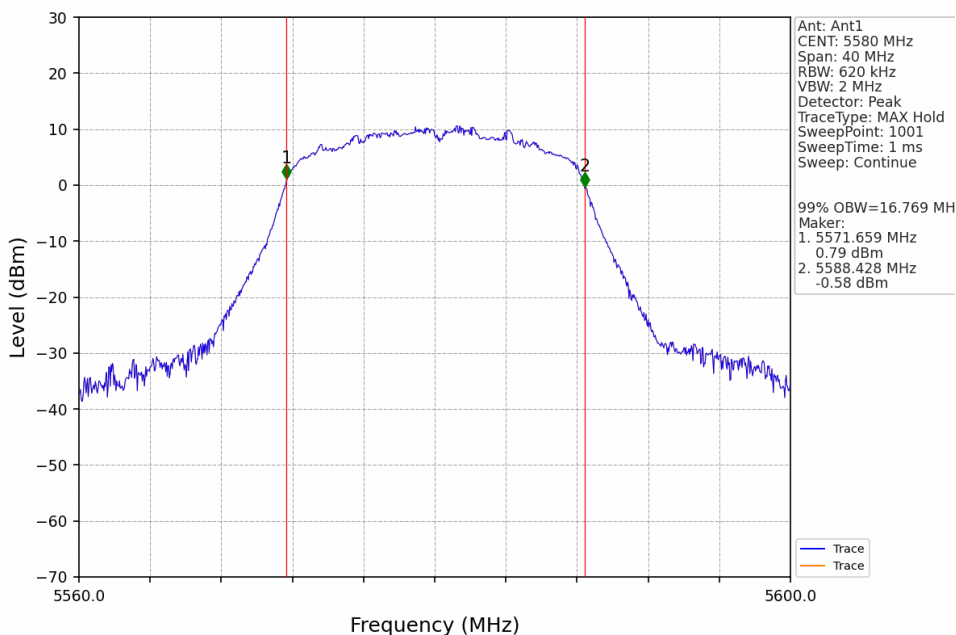
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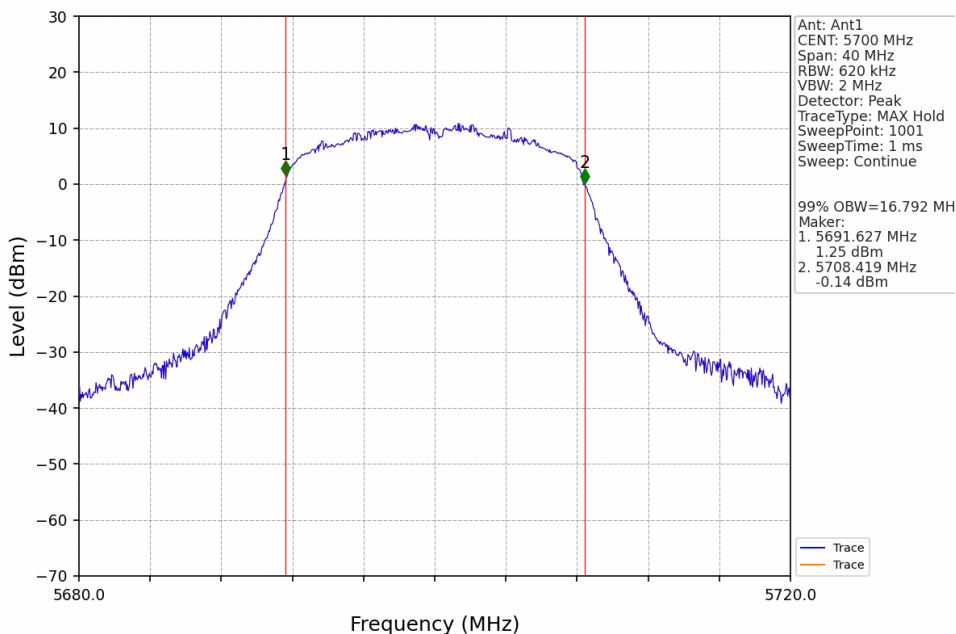
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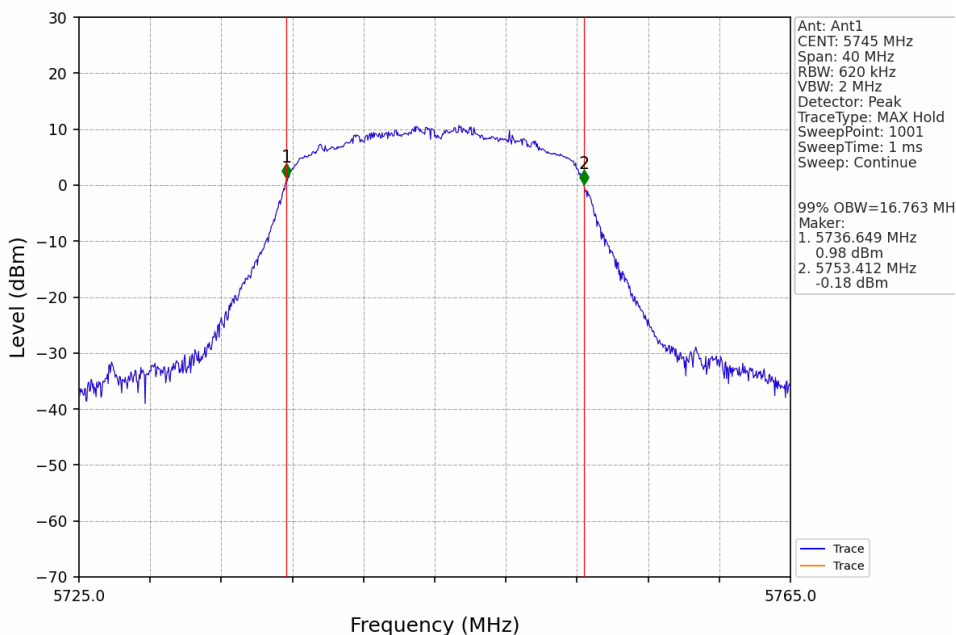
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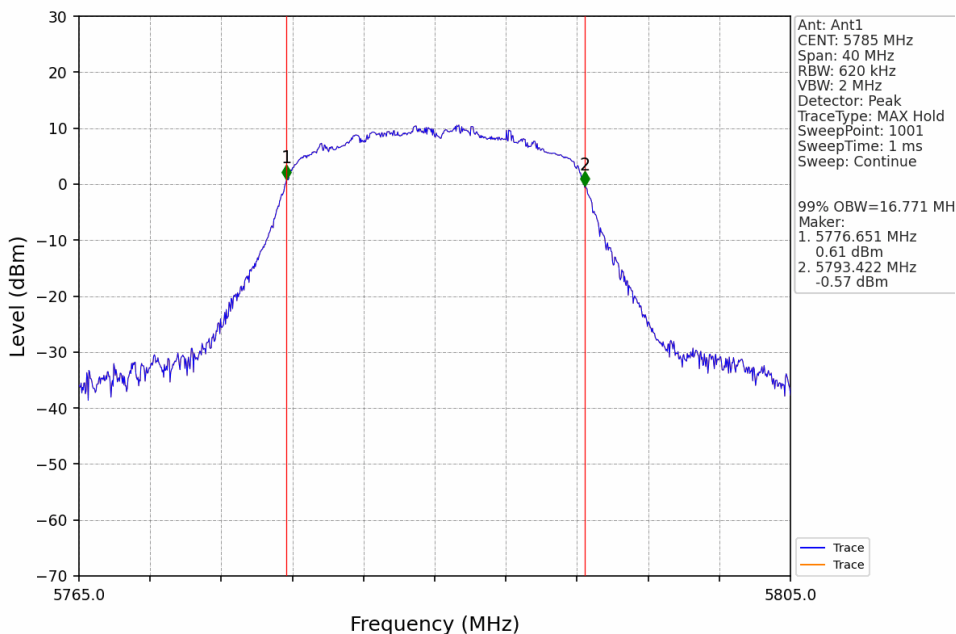
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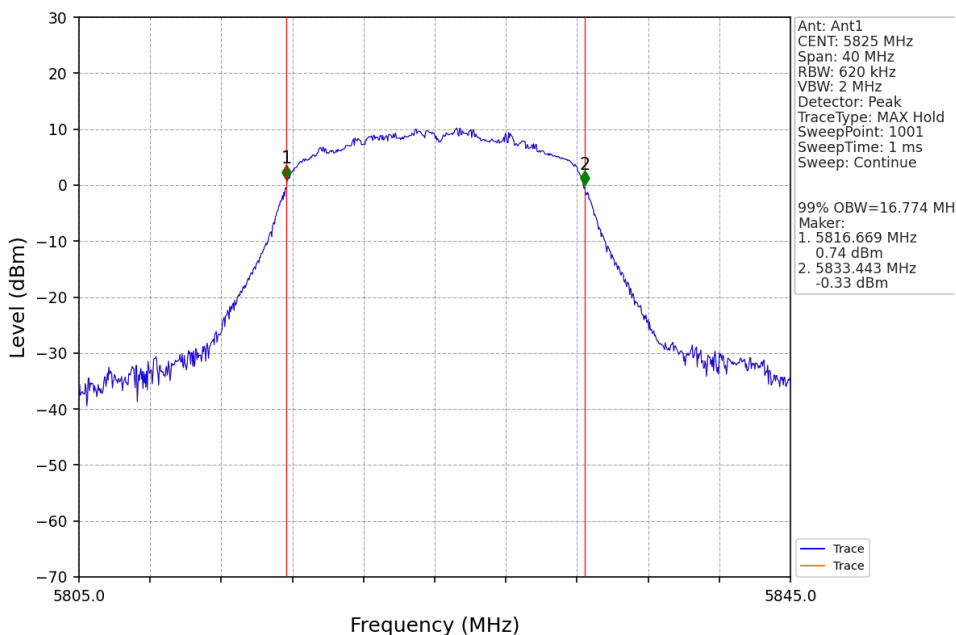
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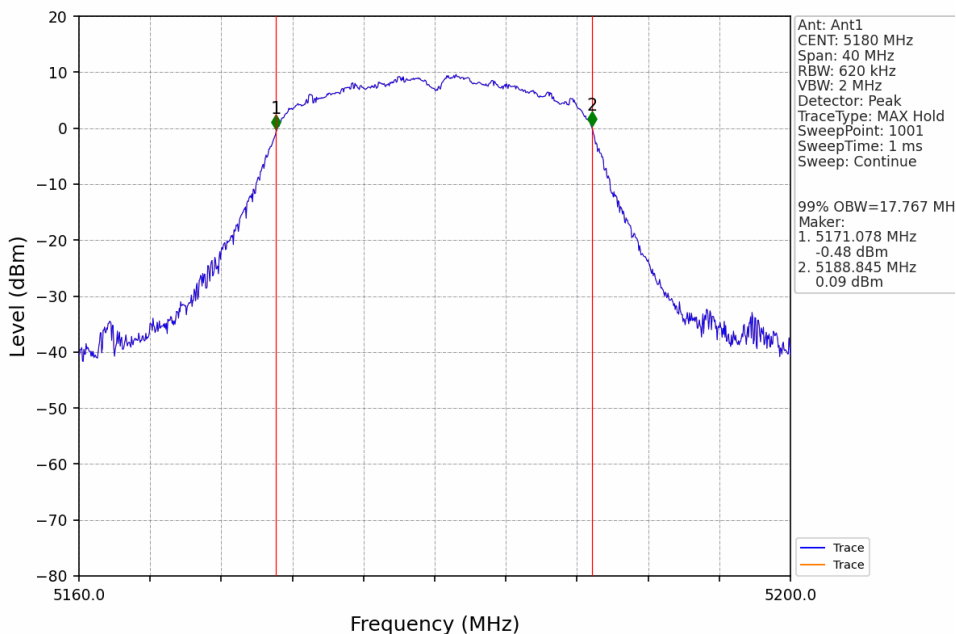
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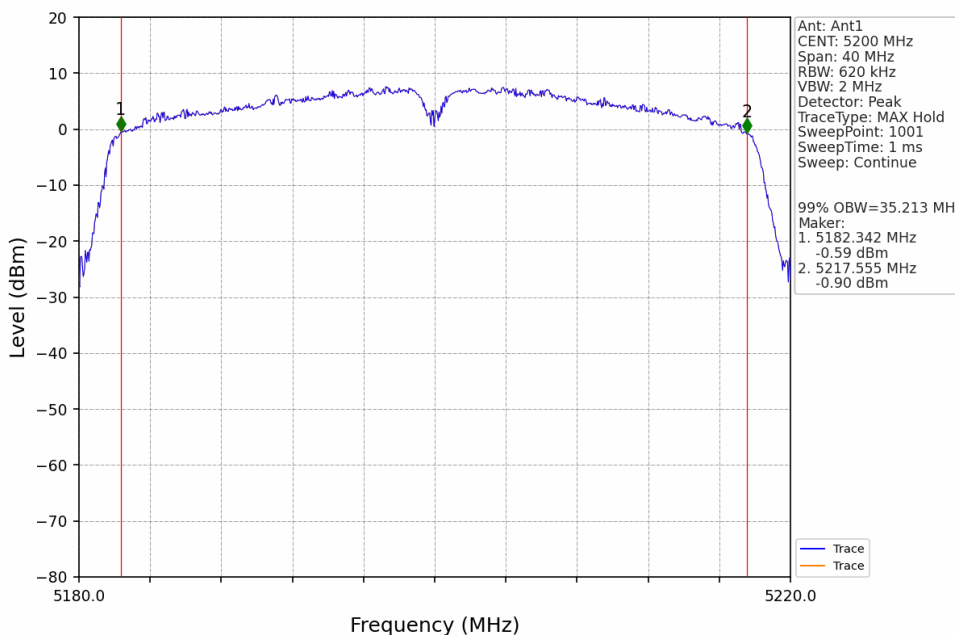
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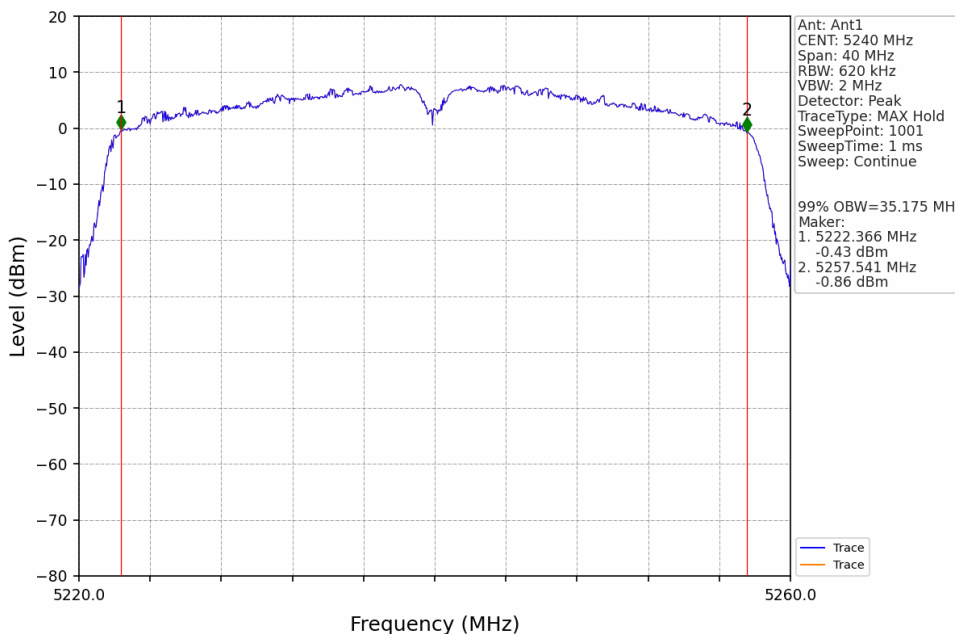
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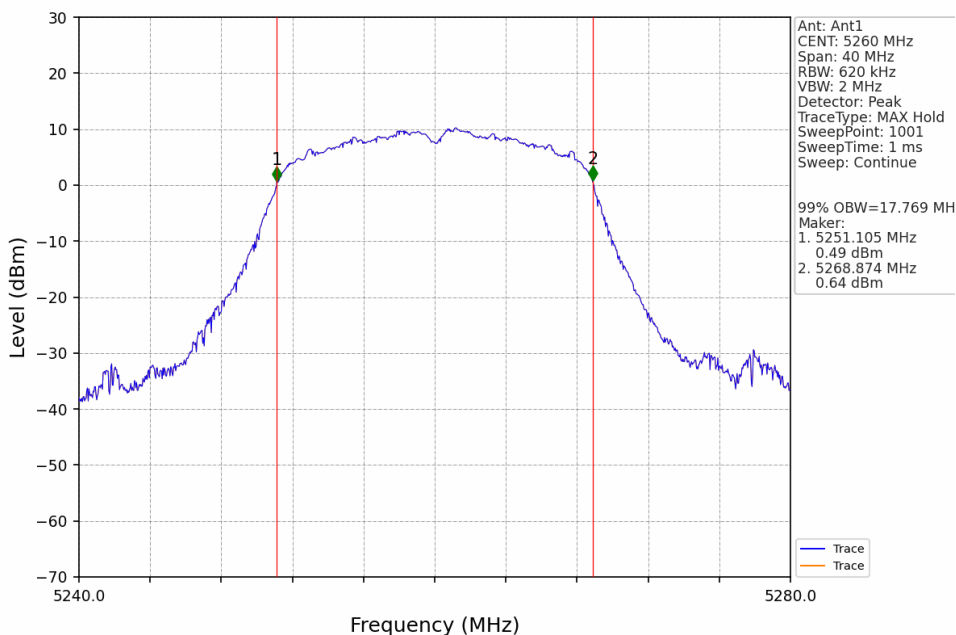
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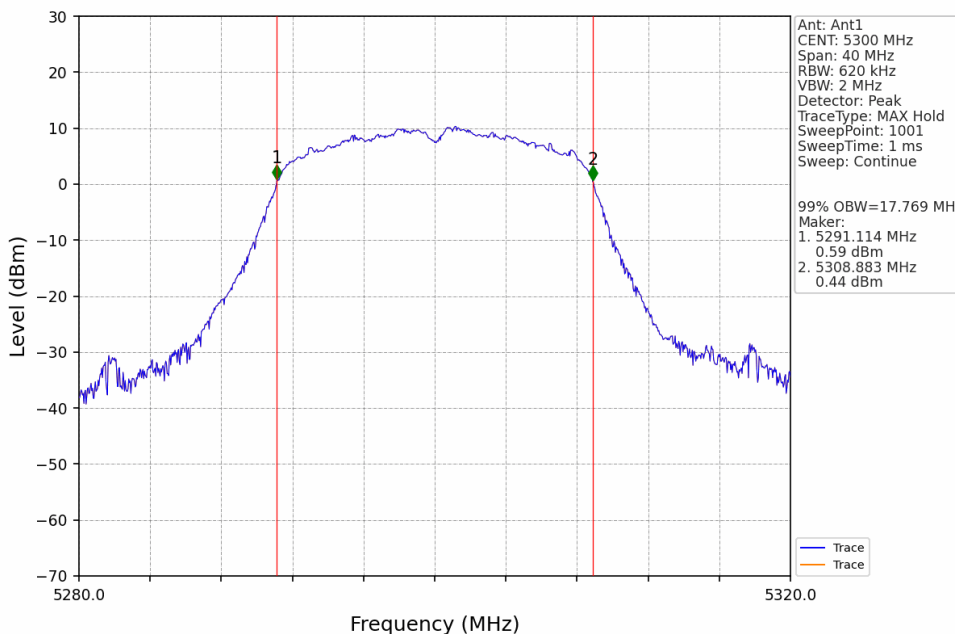
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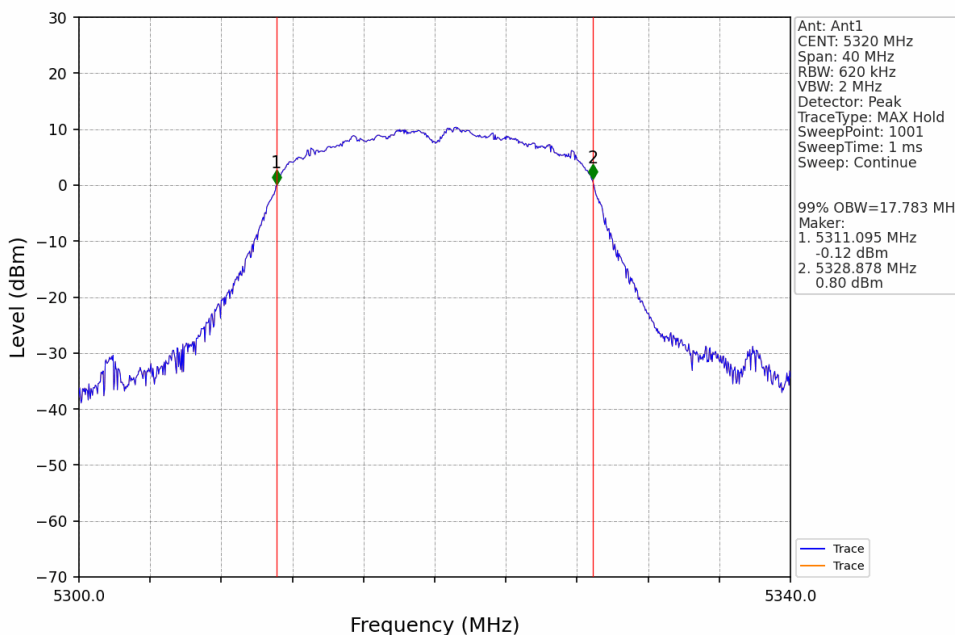
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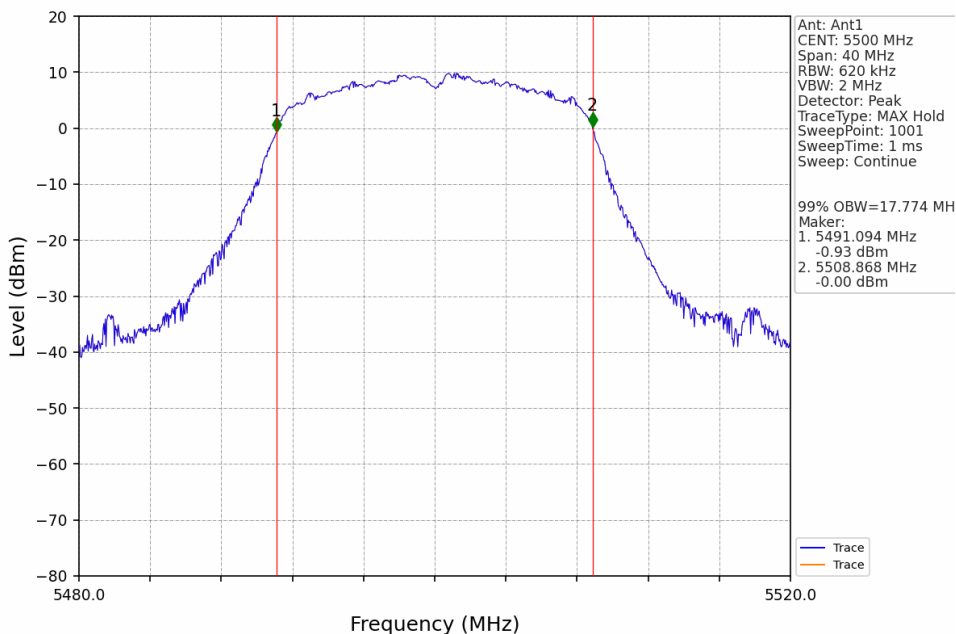
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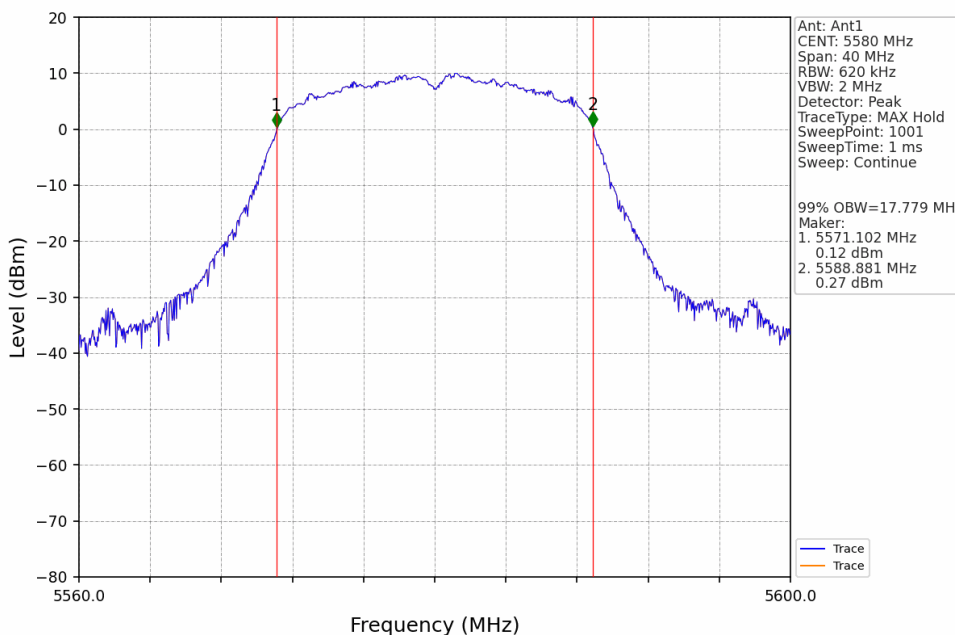
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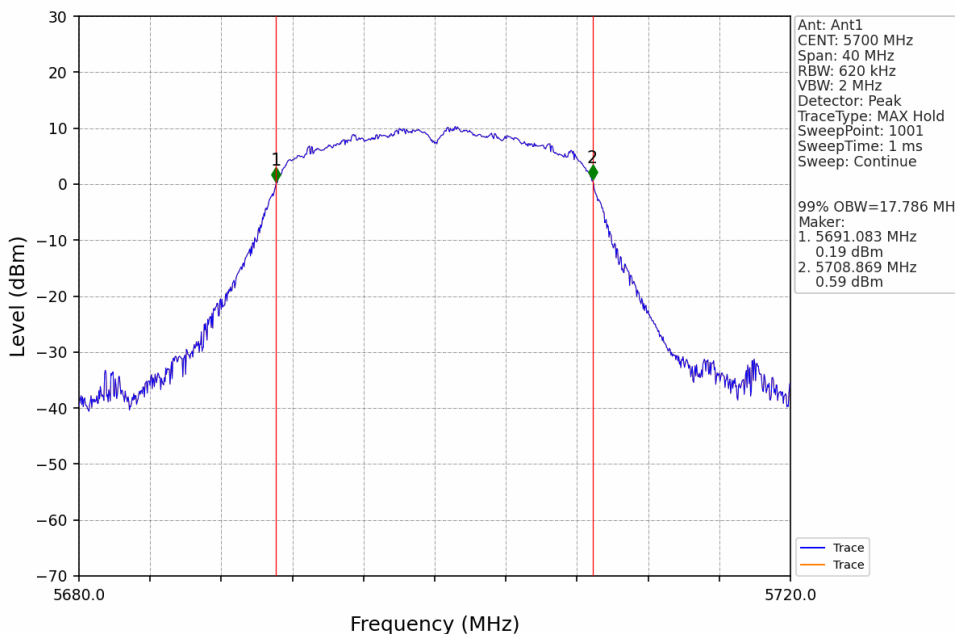
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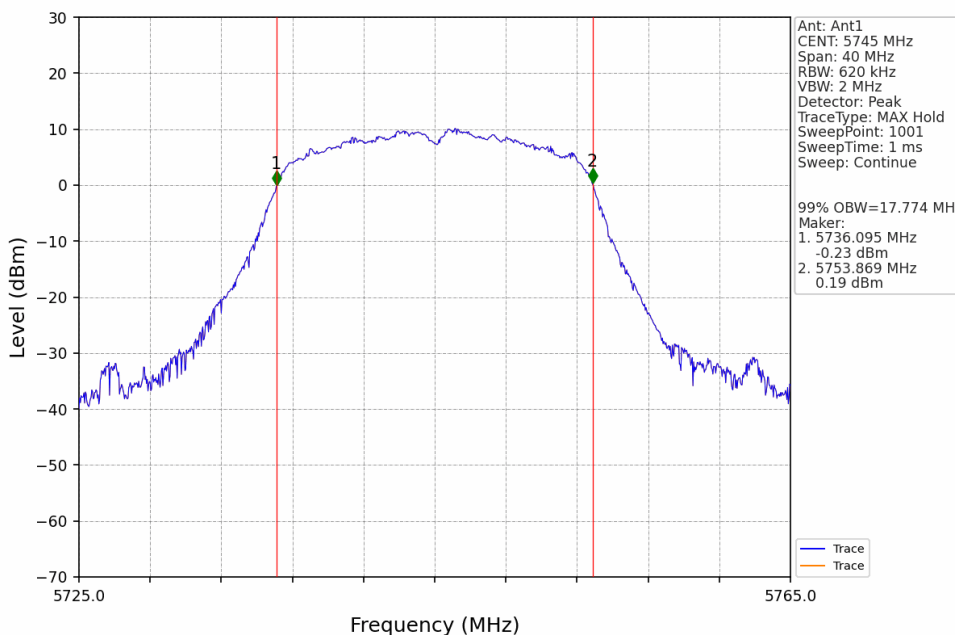
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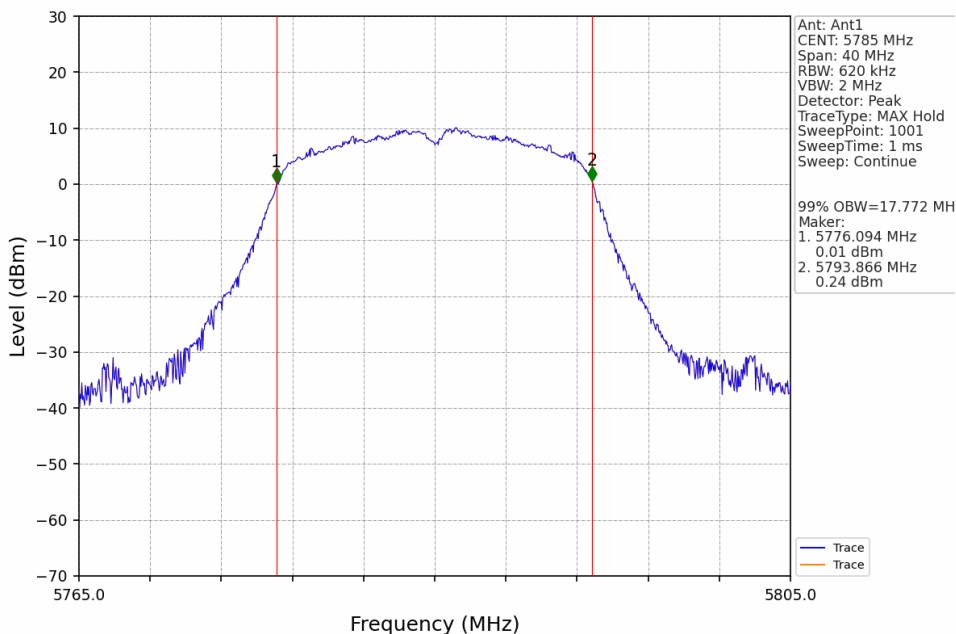
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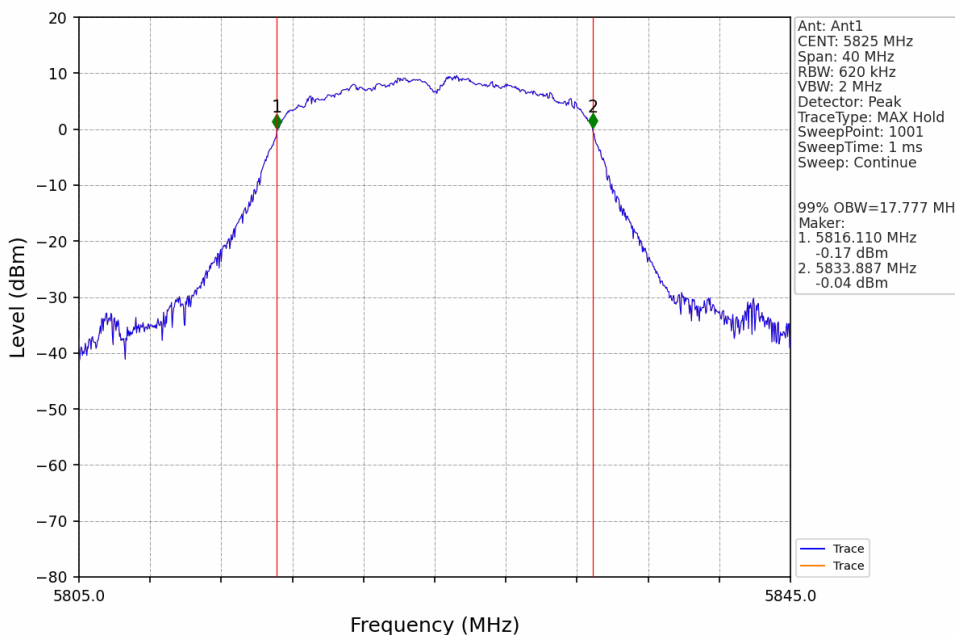
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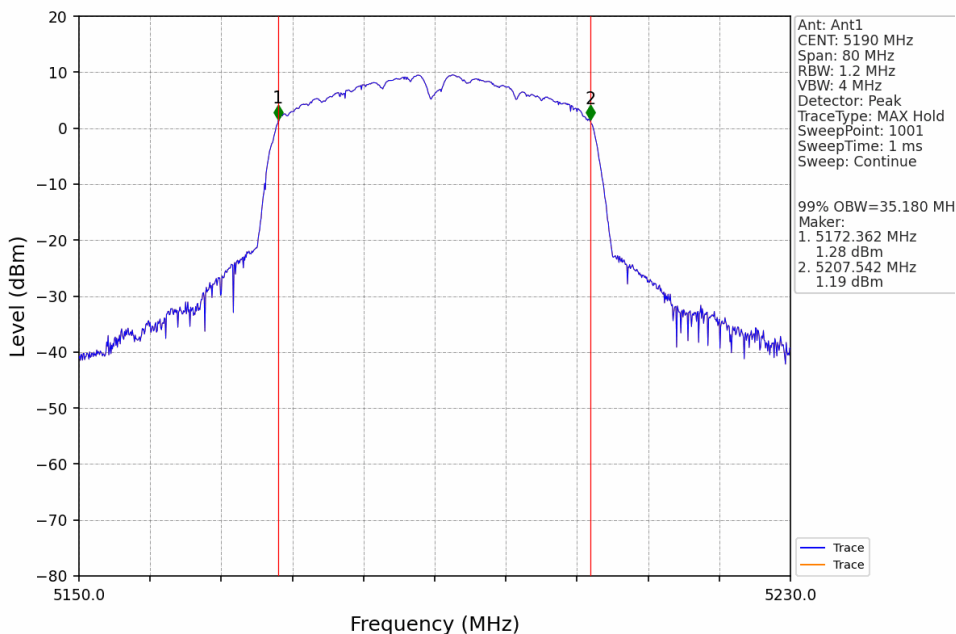
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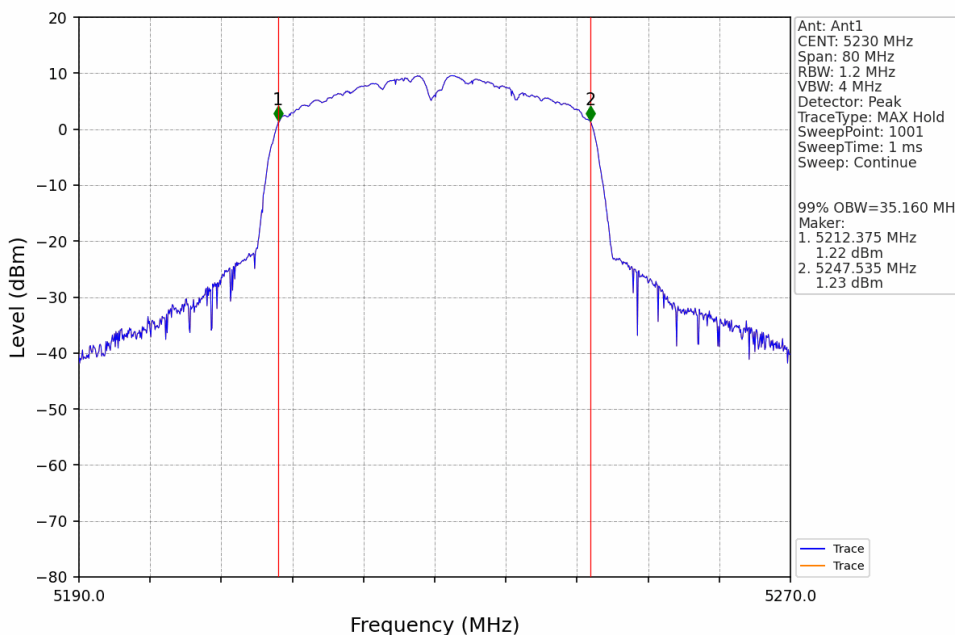
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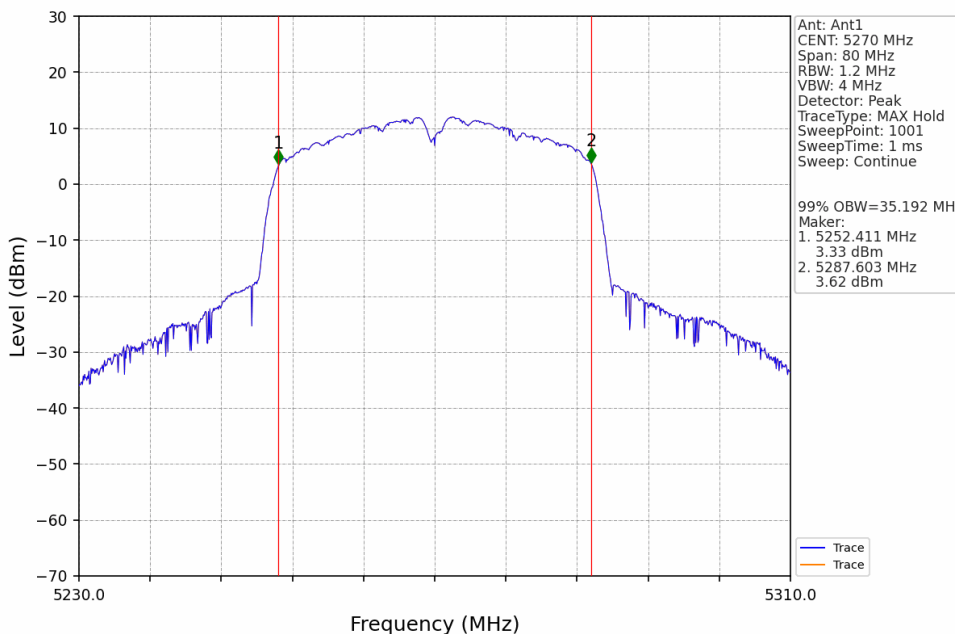
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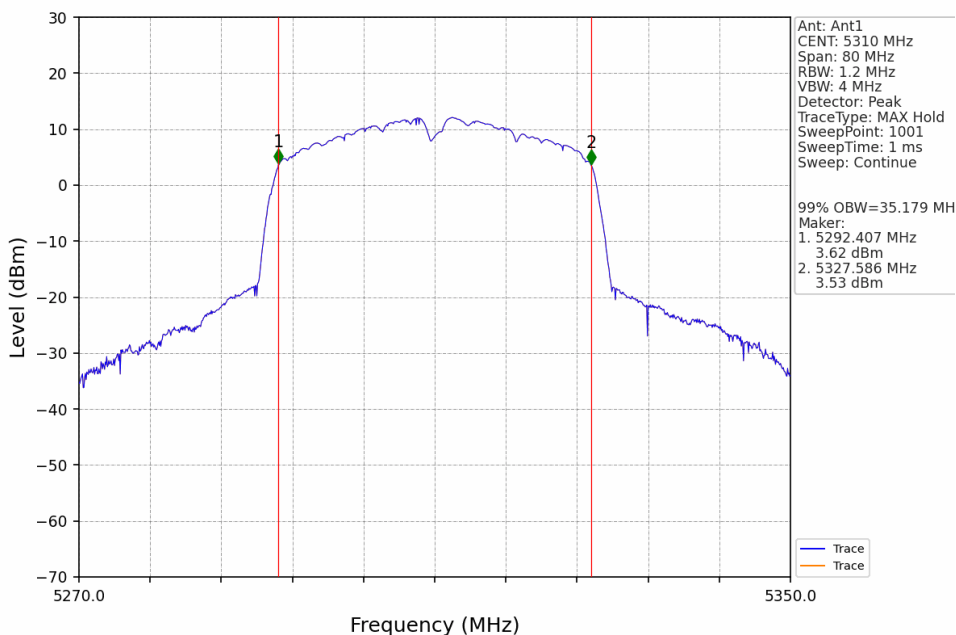
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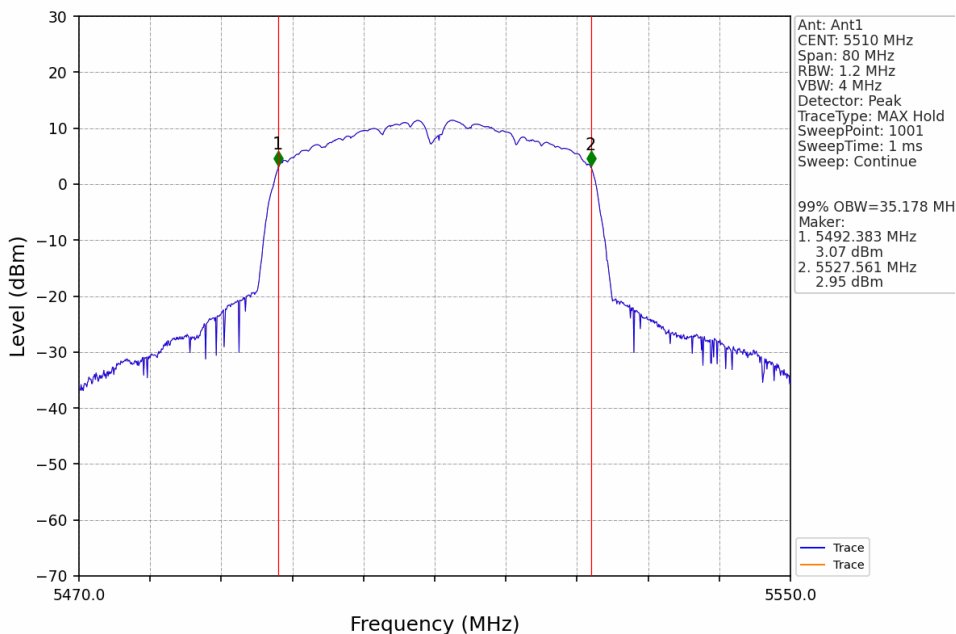
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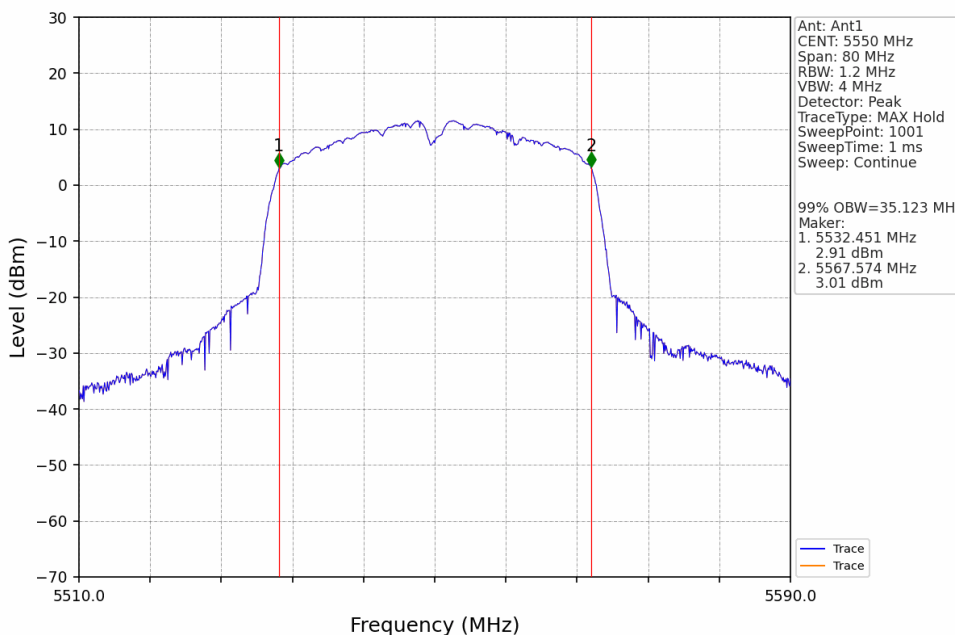
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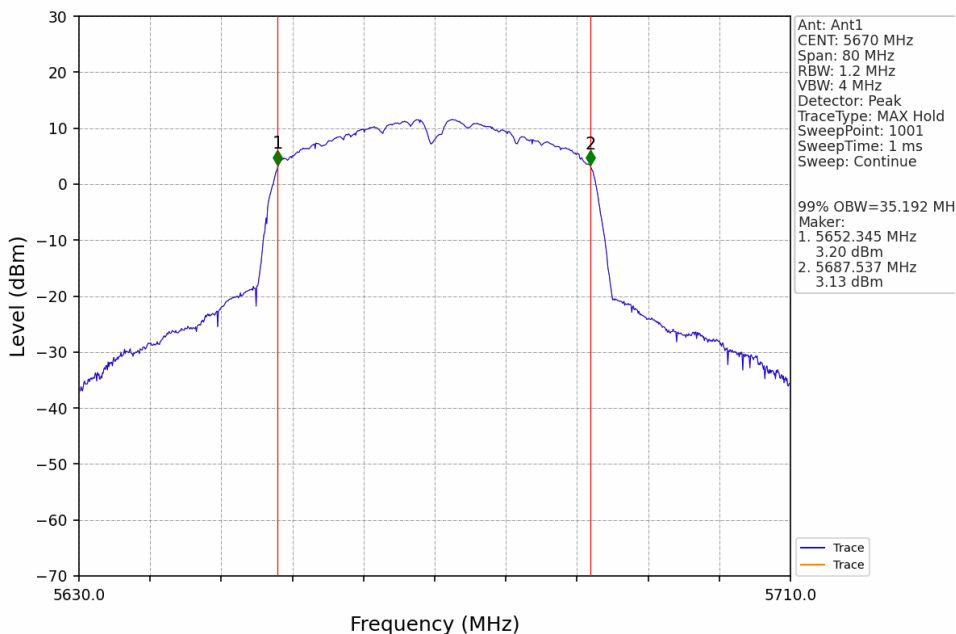
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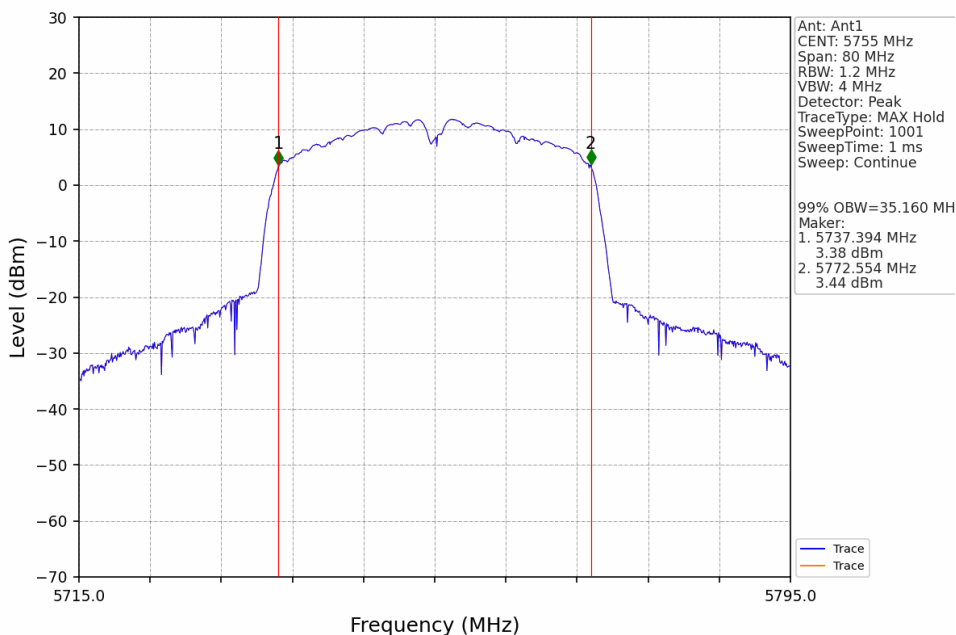
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



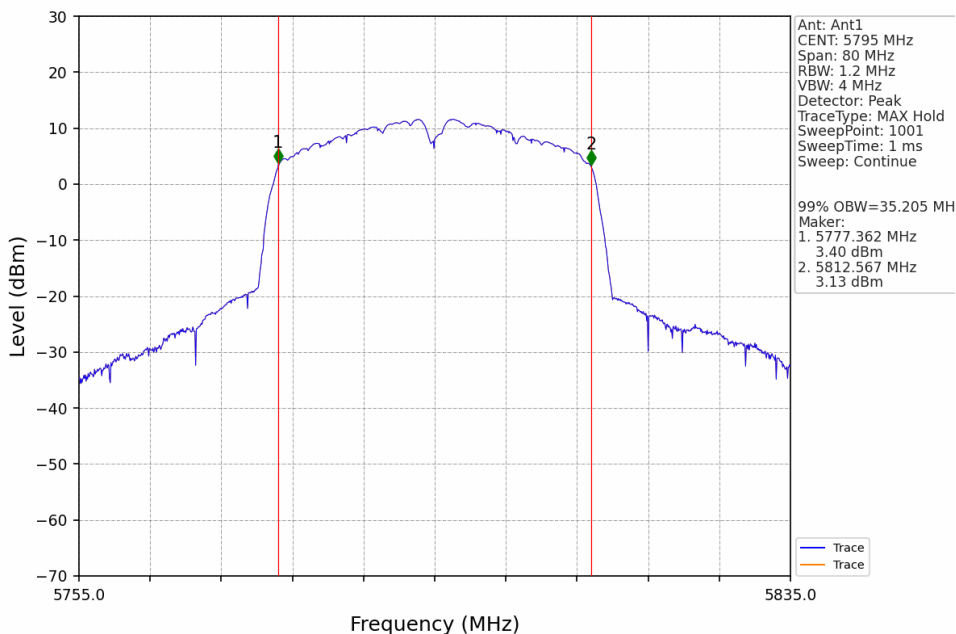
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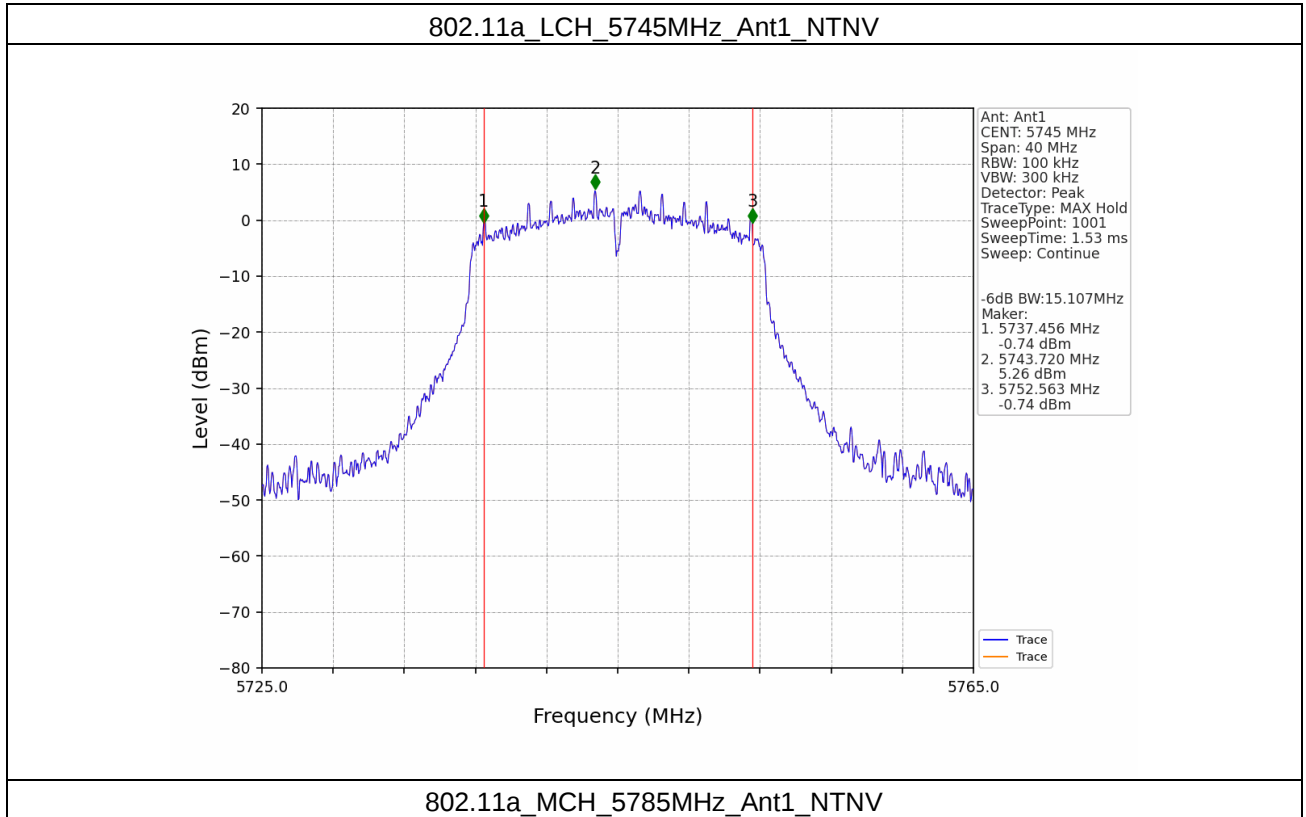
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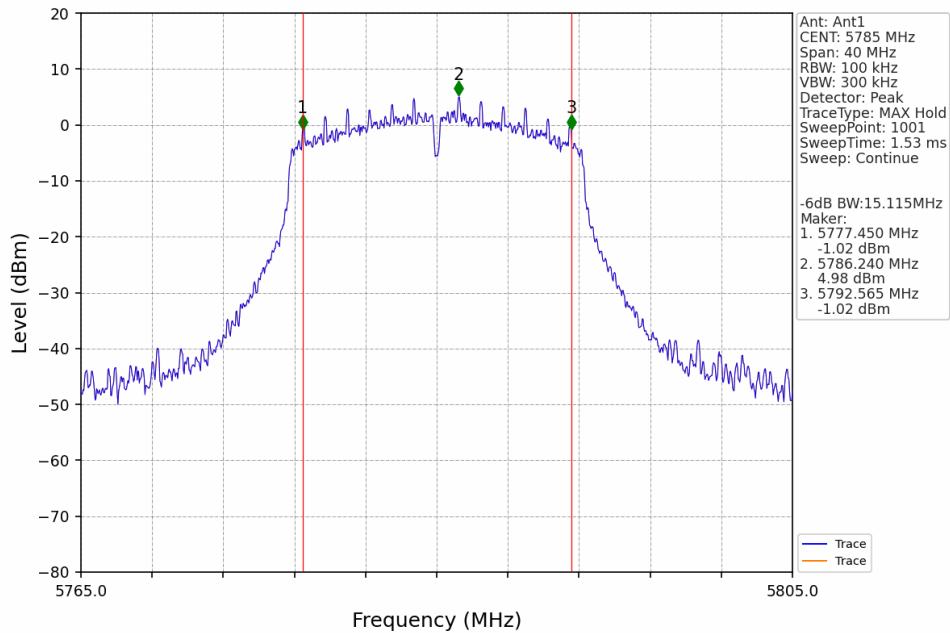
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802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2.2.2 6dB BW

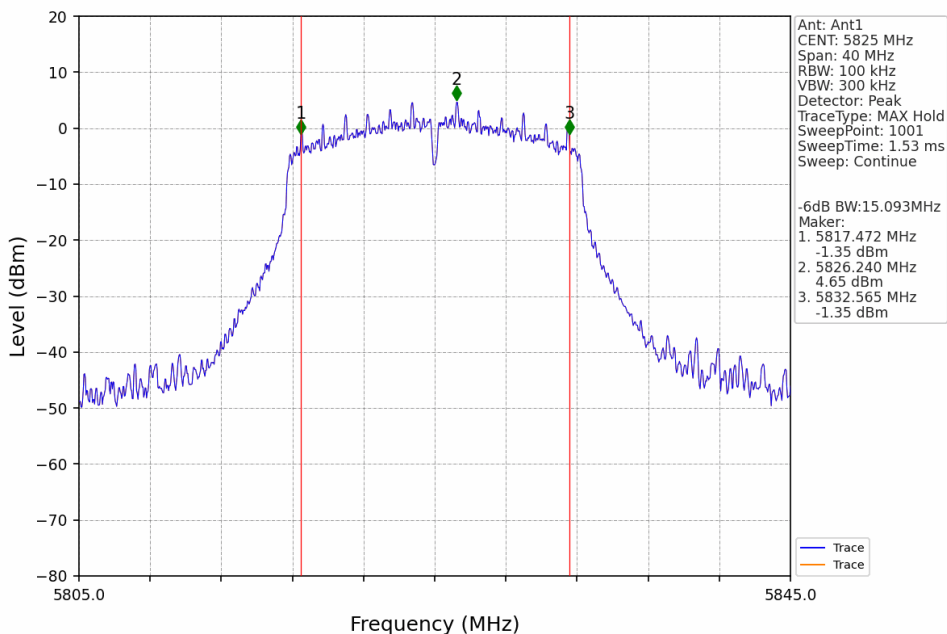




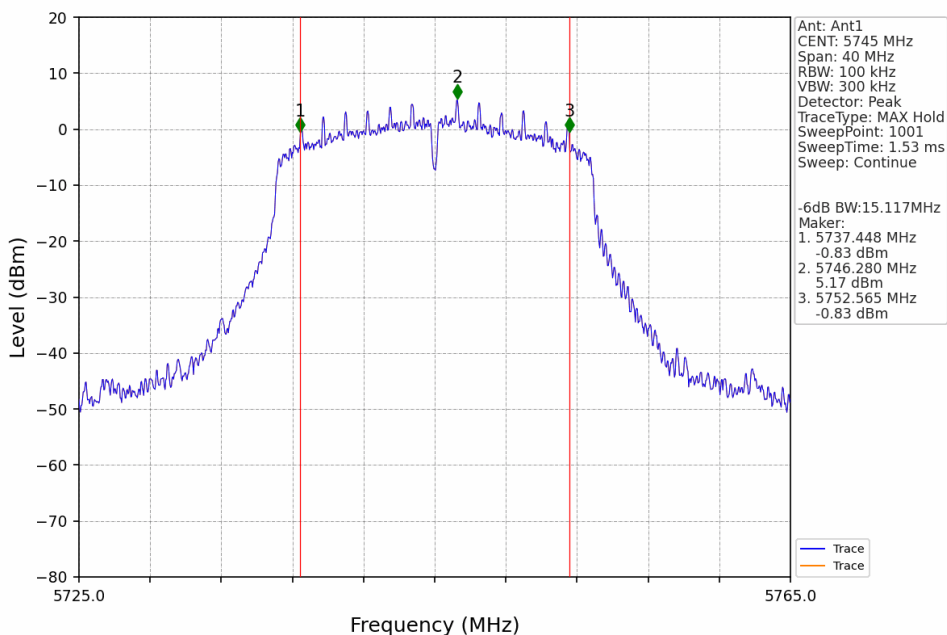
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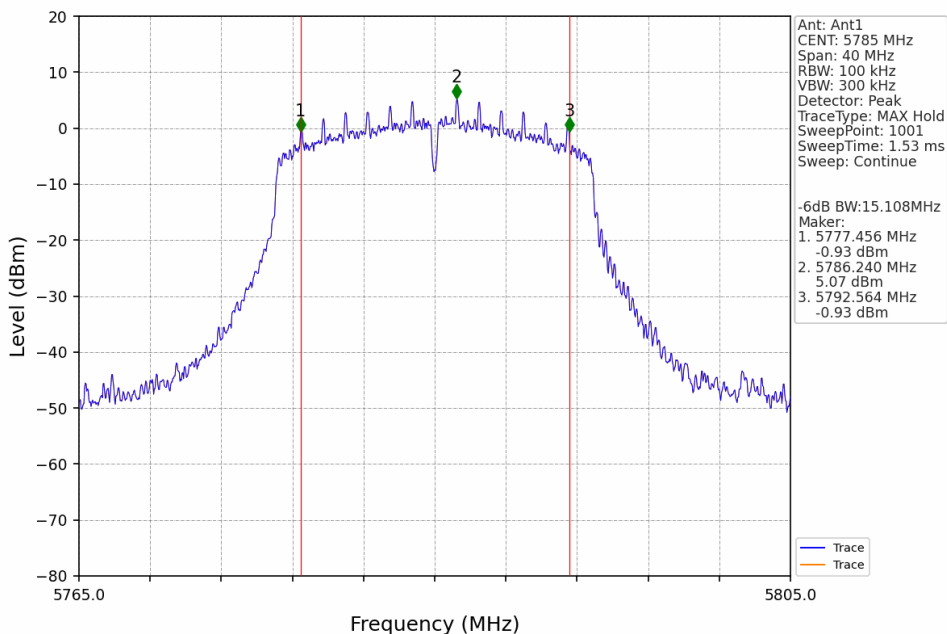
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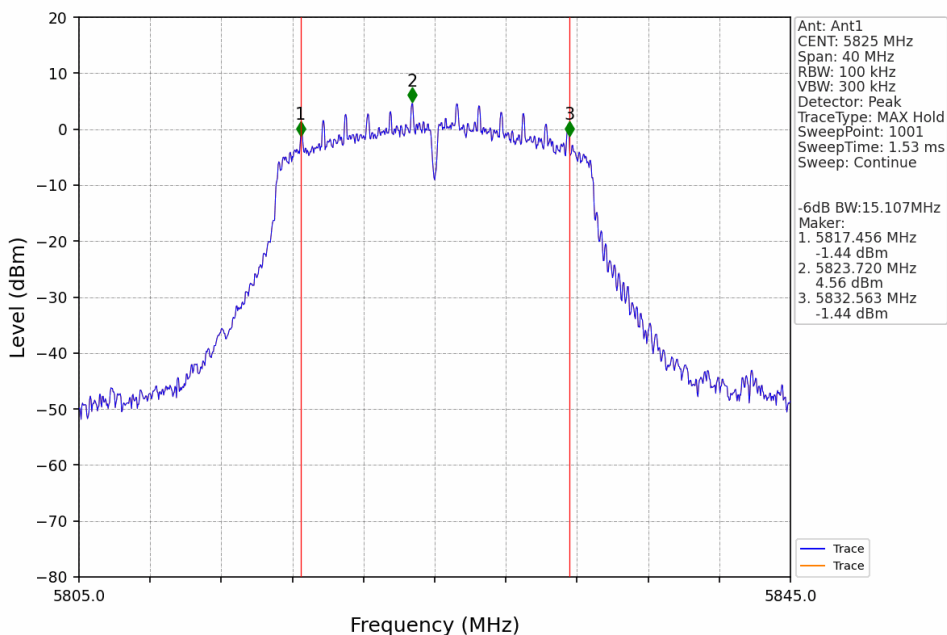
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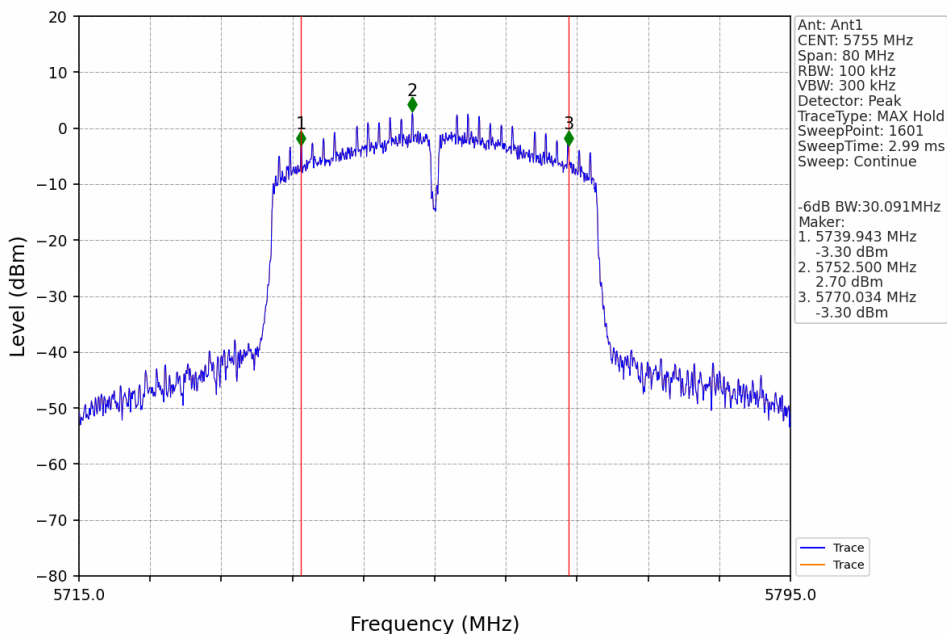
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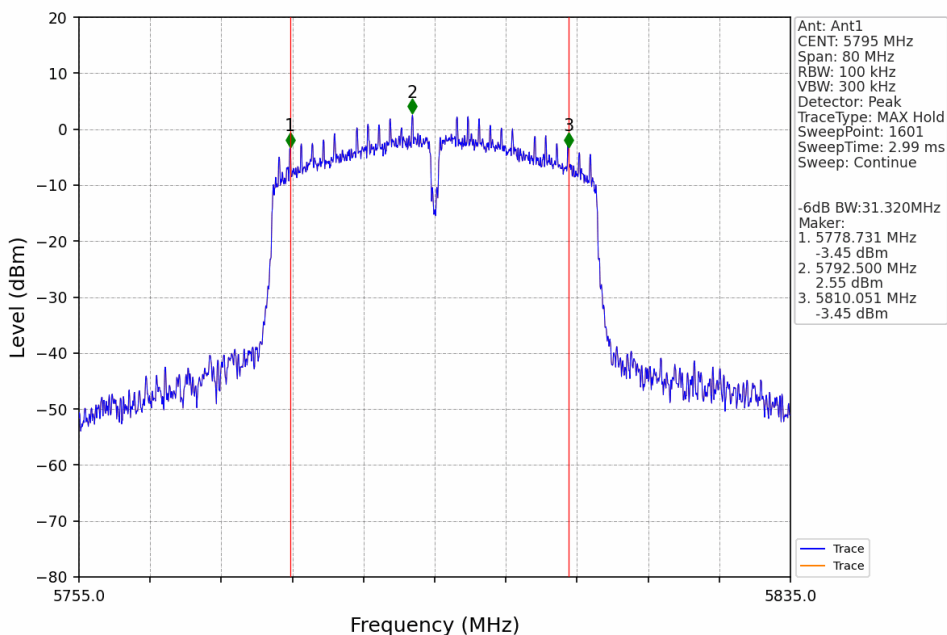
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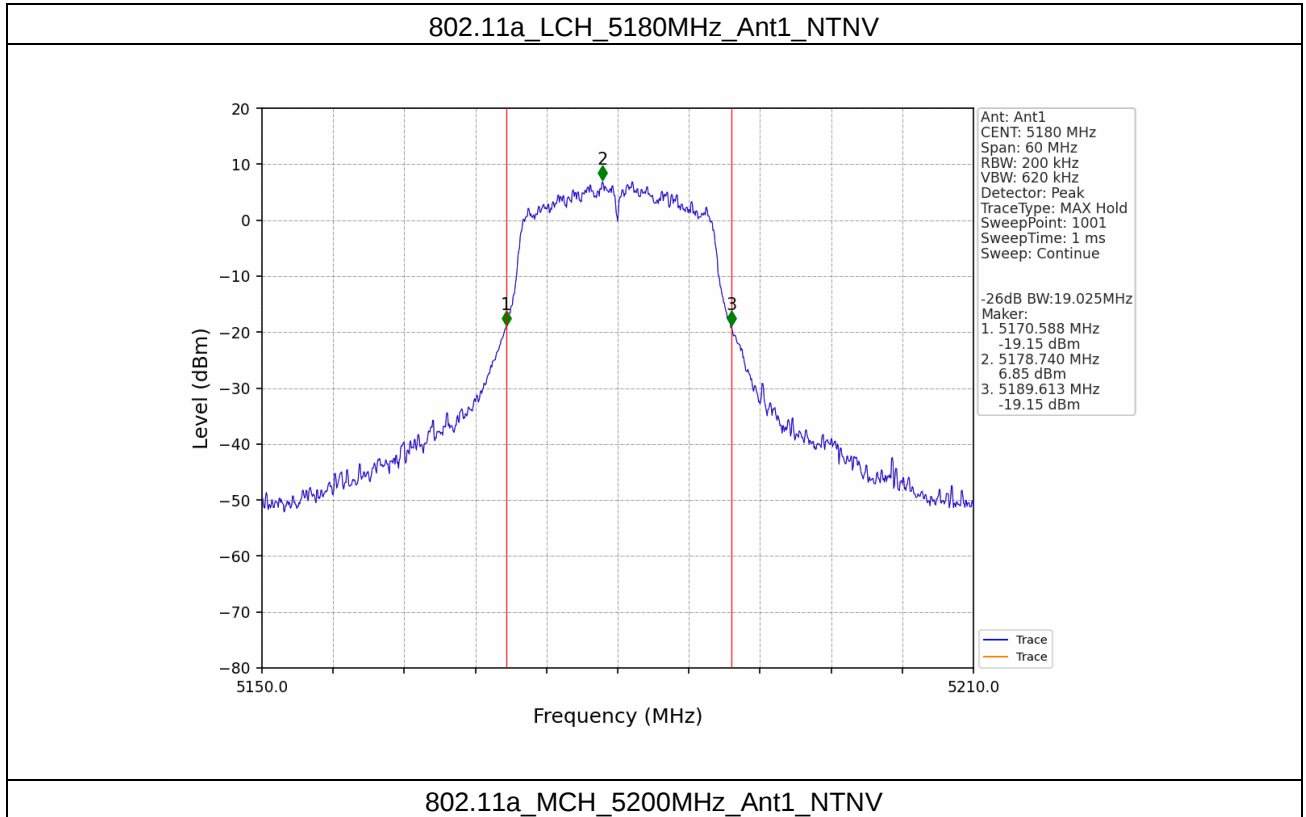
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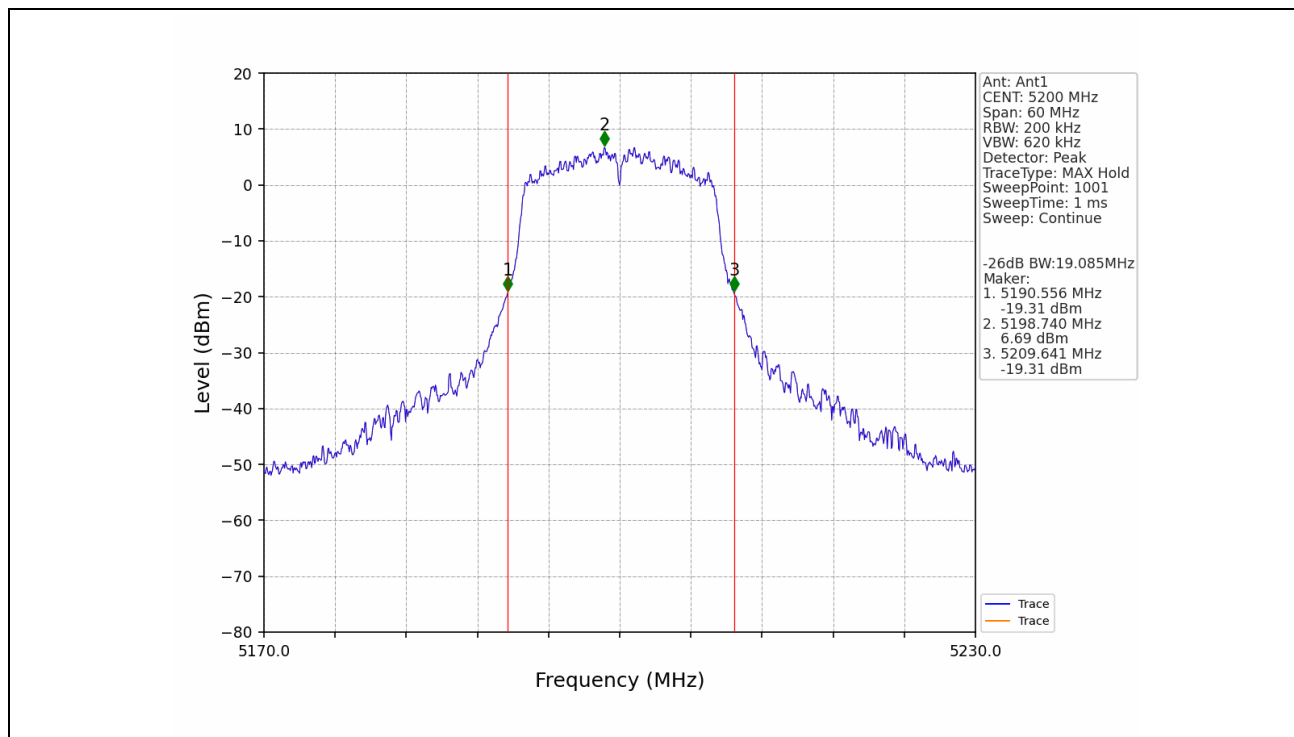


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



2.2.3 26dB BW





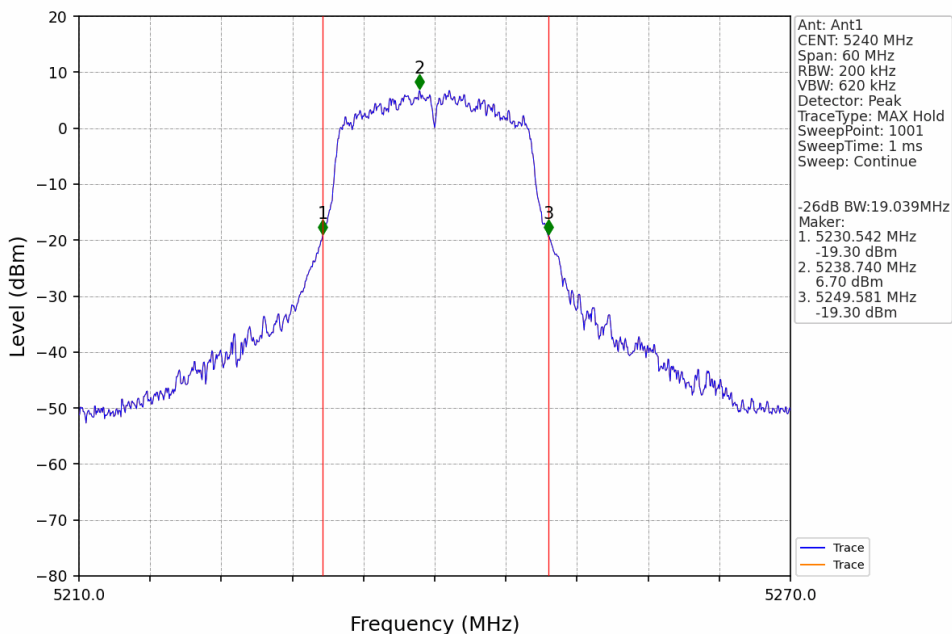
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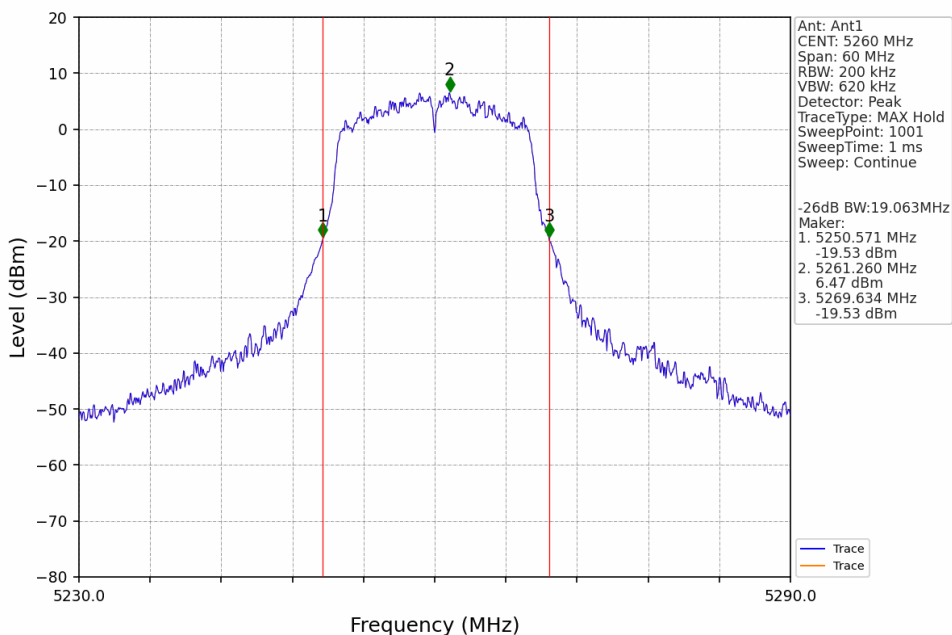
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



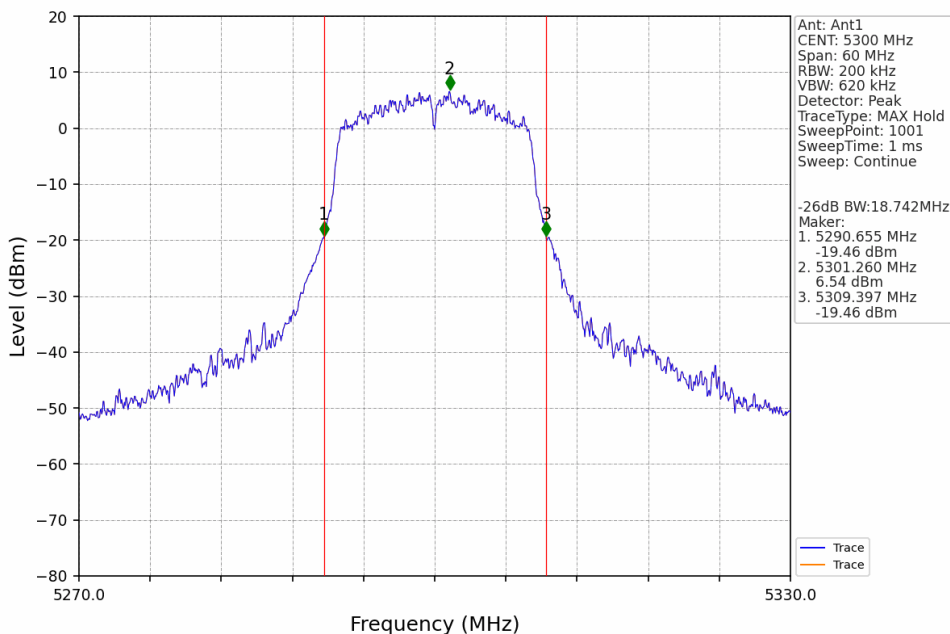
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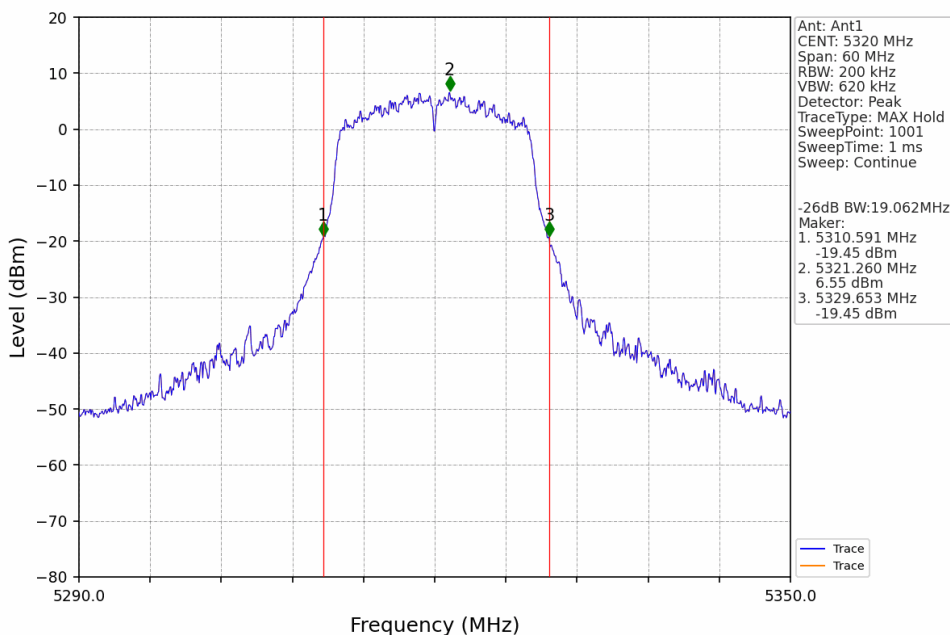
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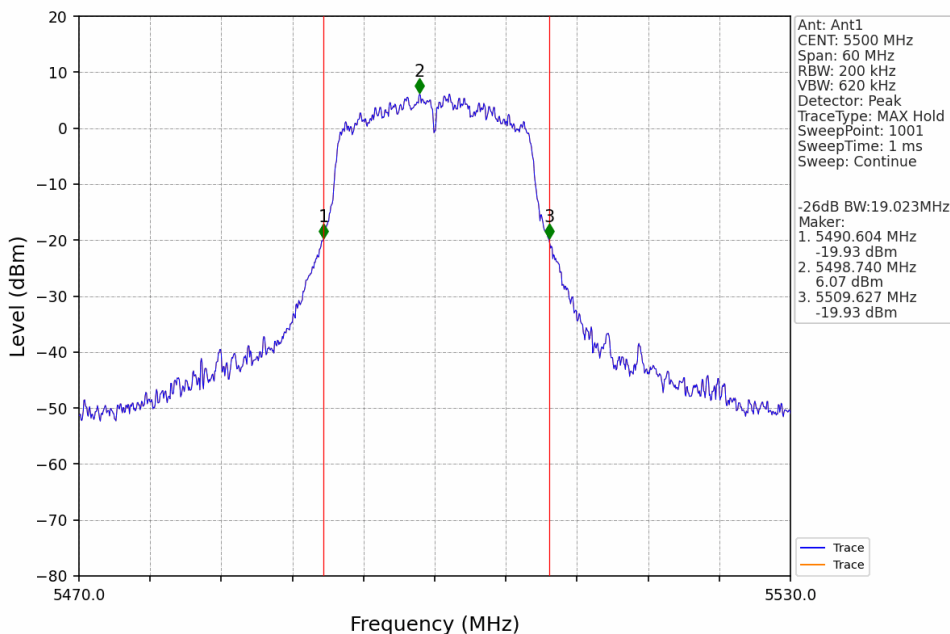
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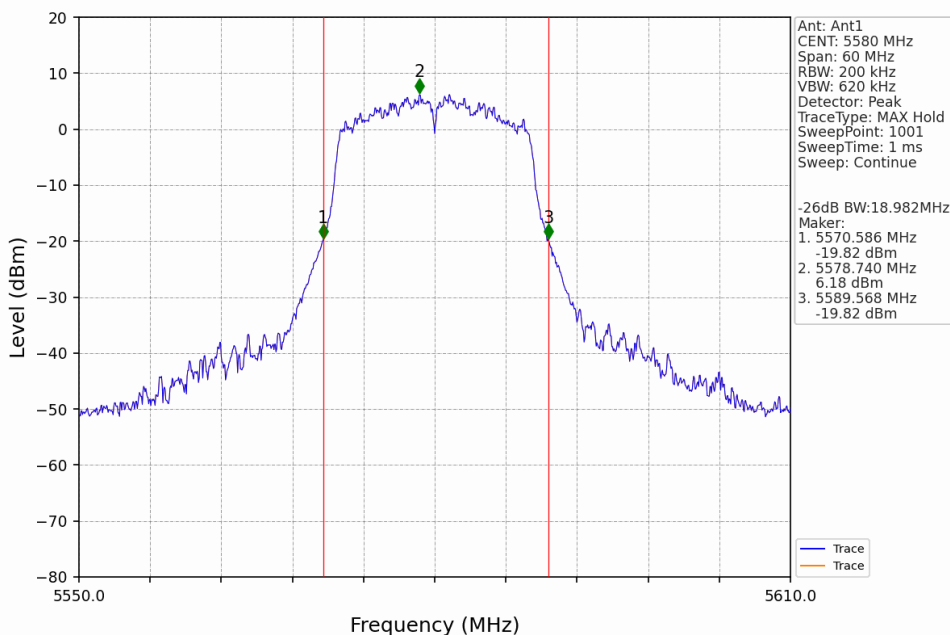
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



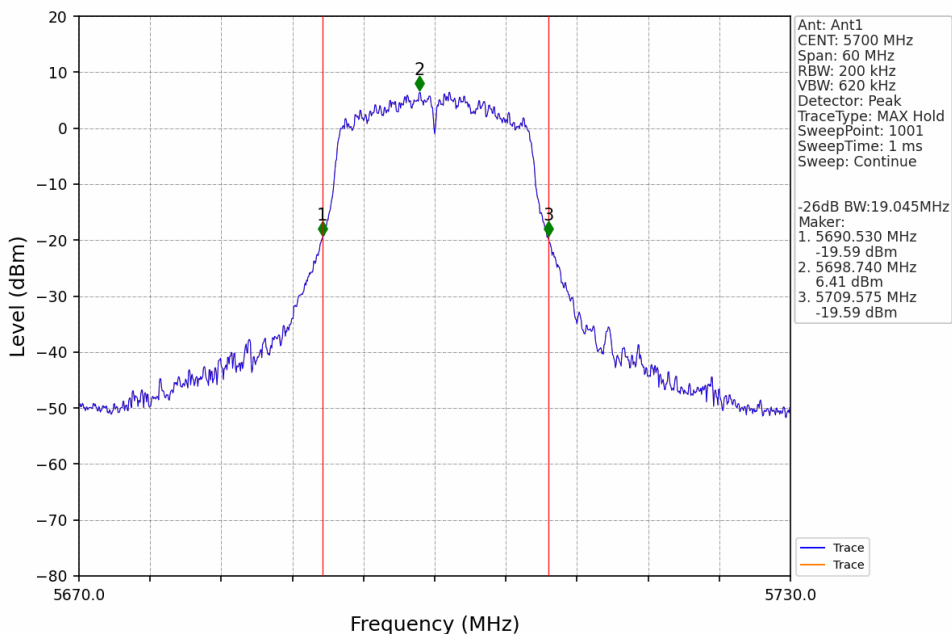
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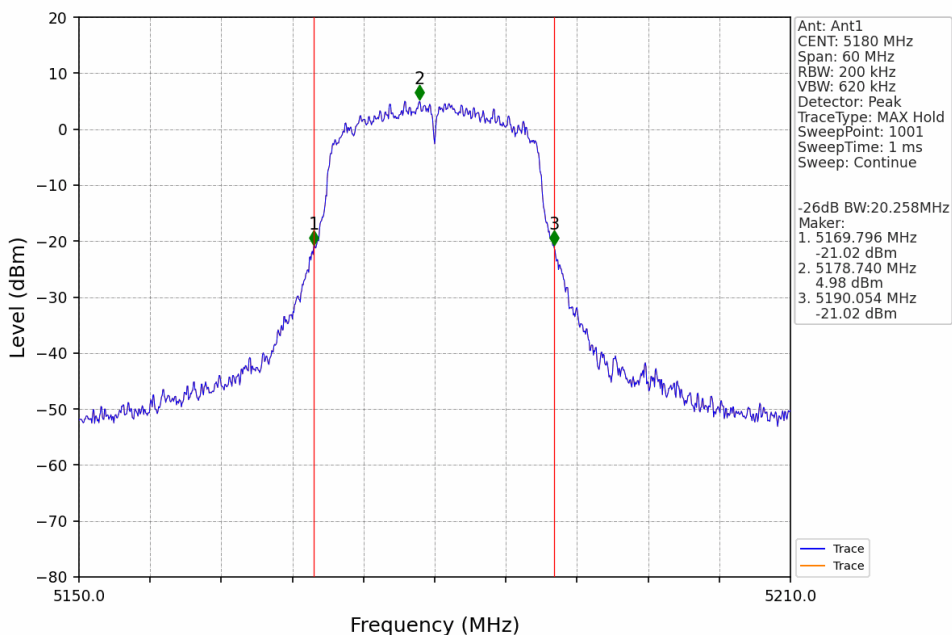
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



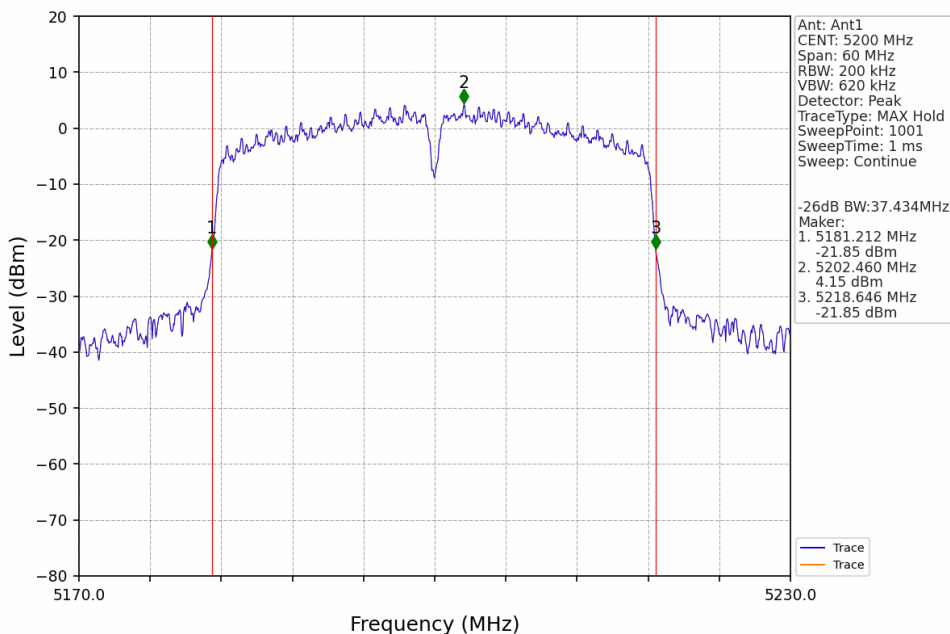
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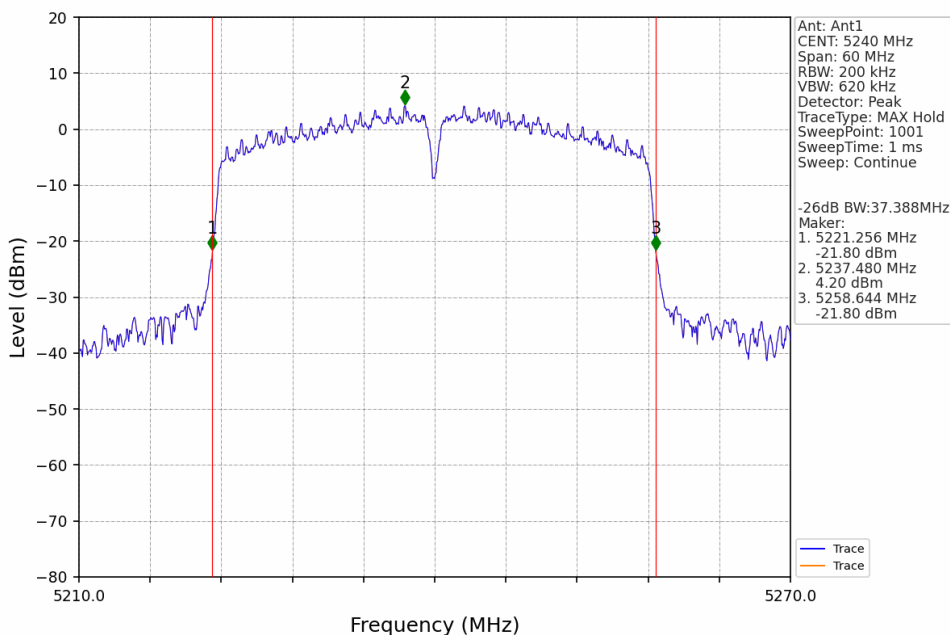
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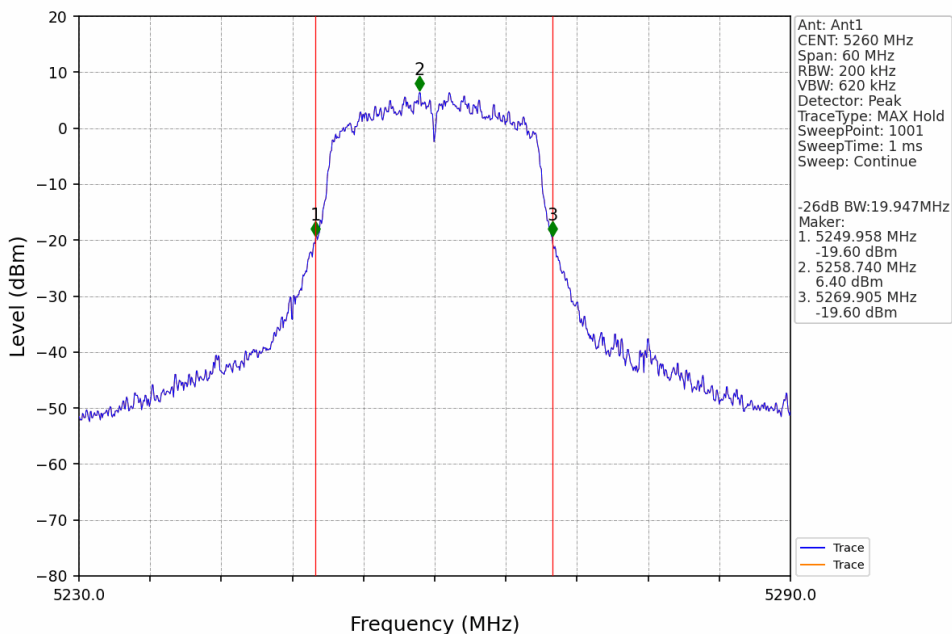
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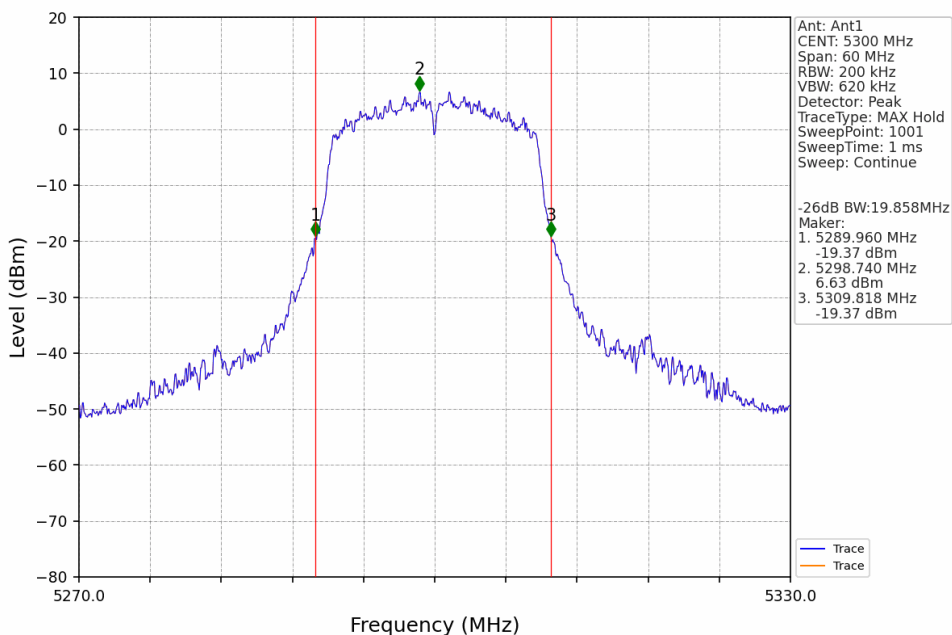
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



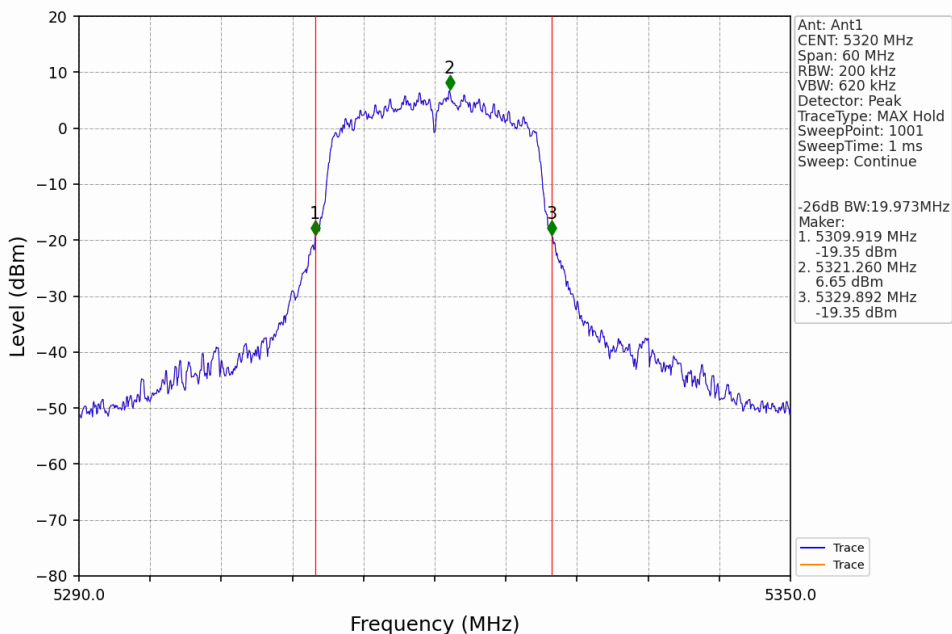
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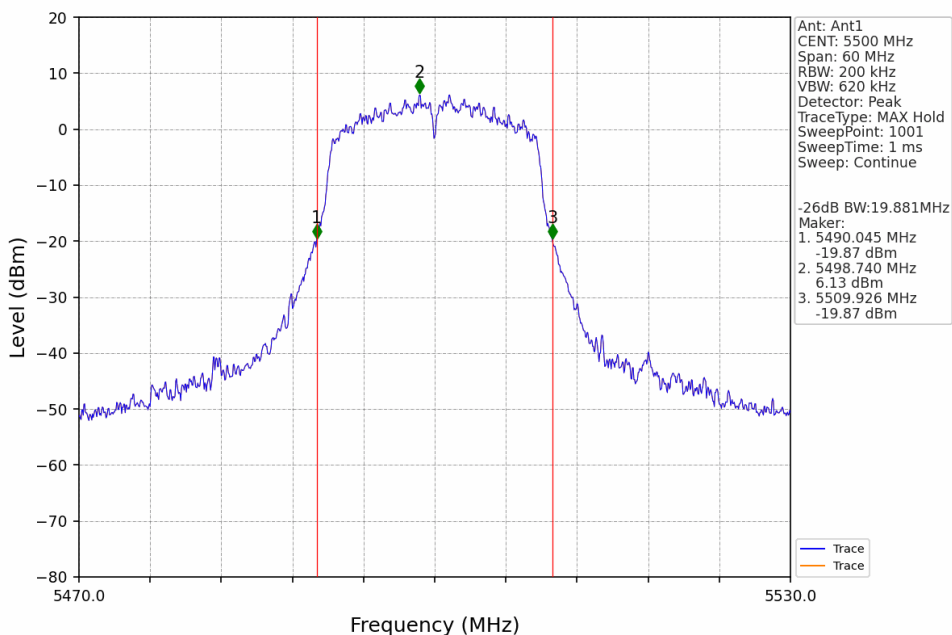
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



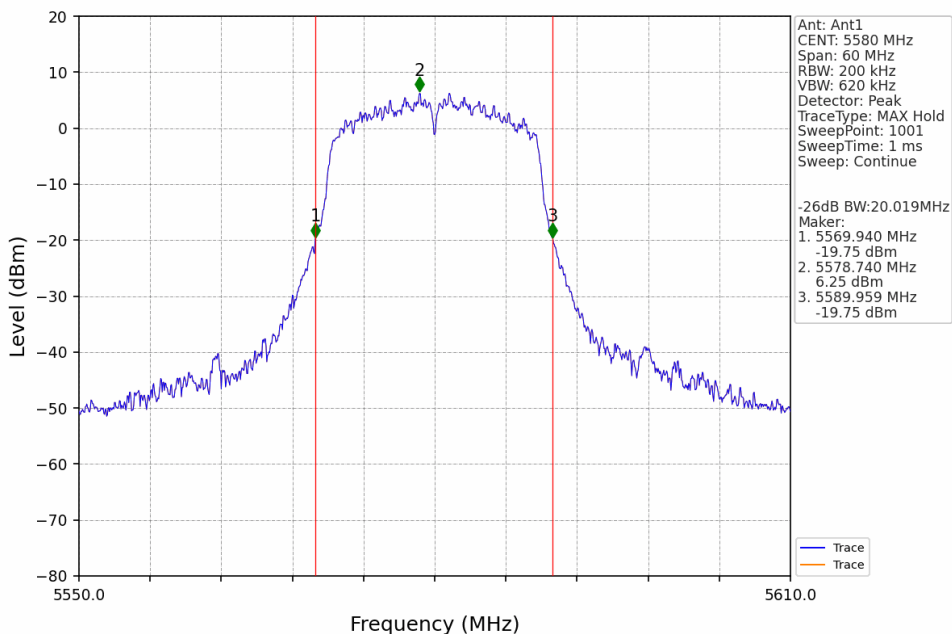
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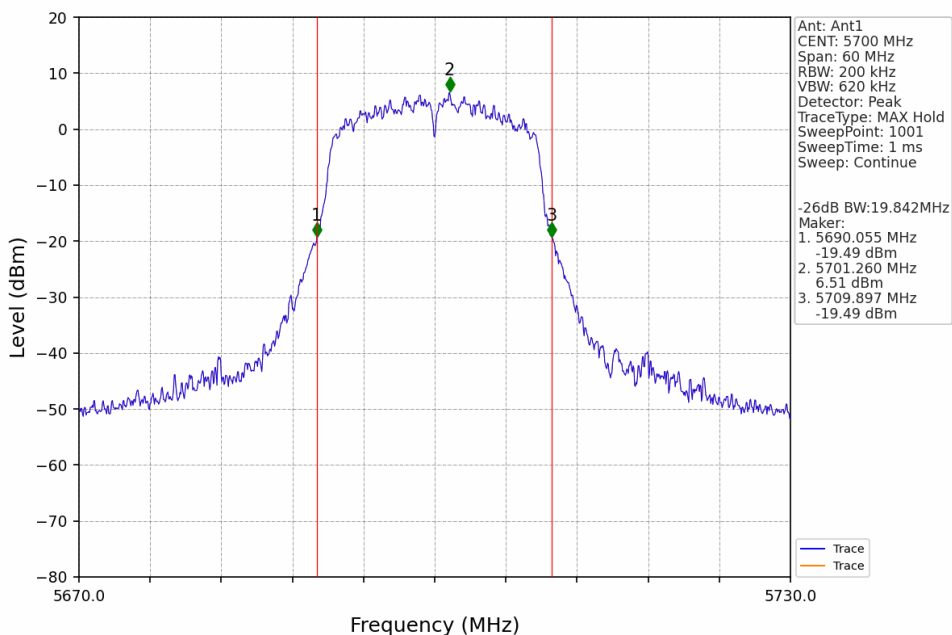
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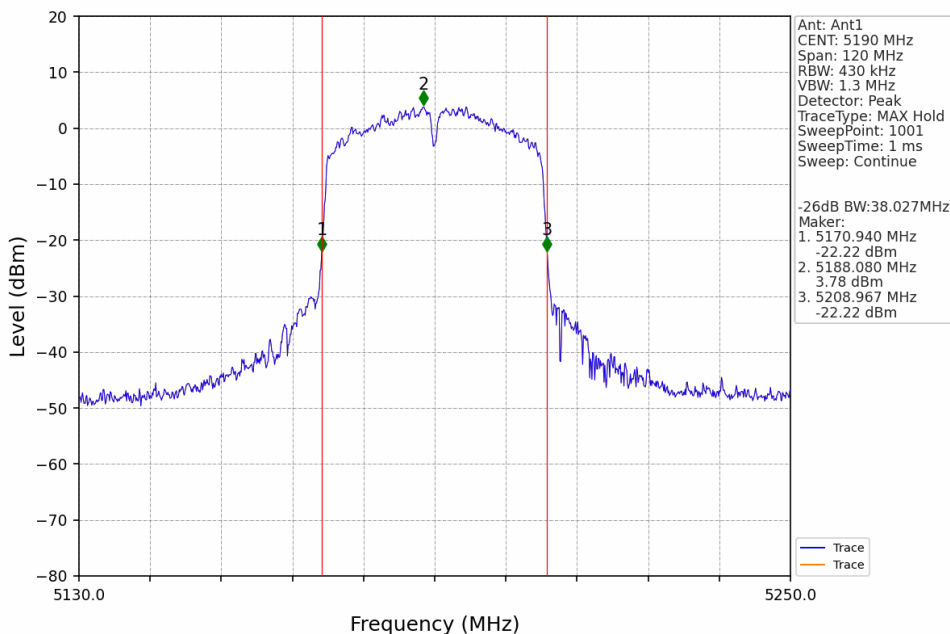
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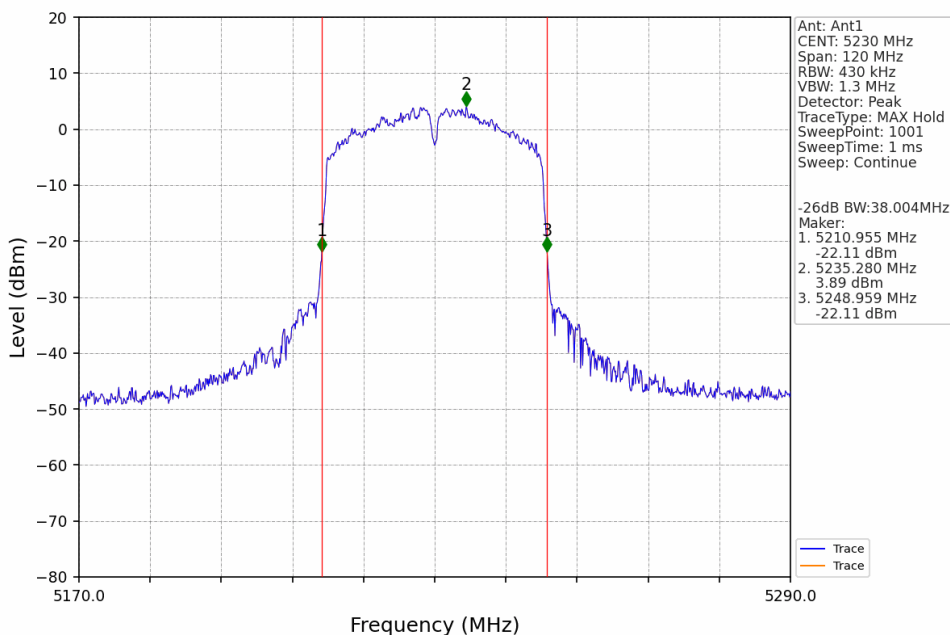
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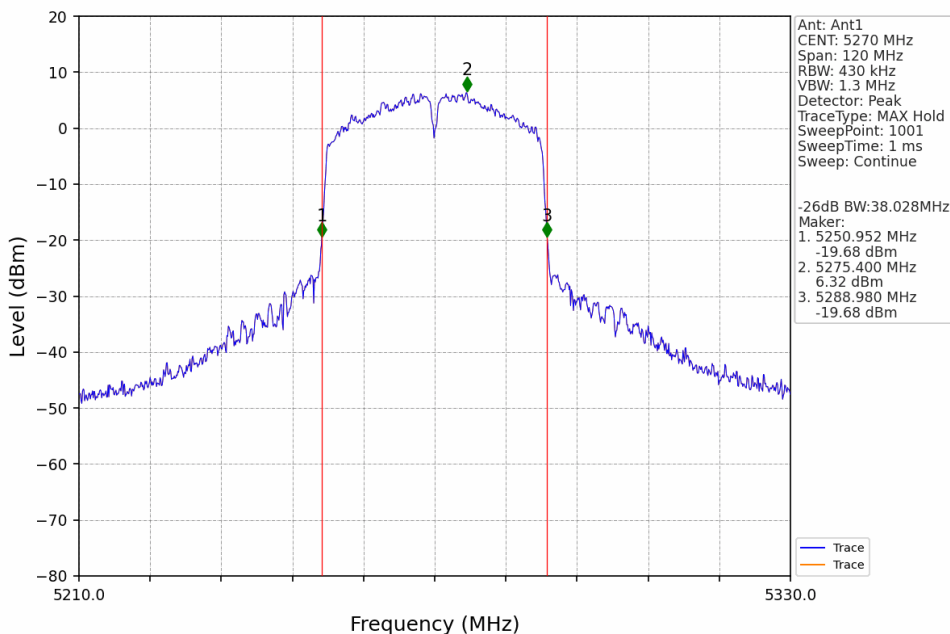
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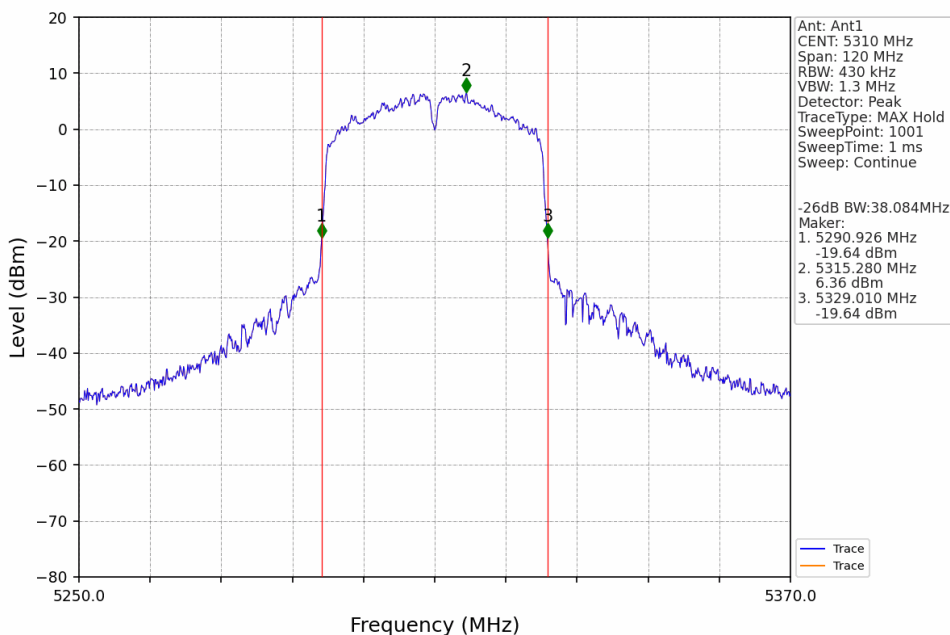
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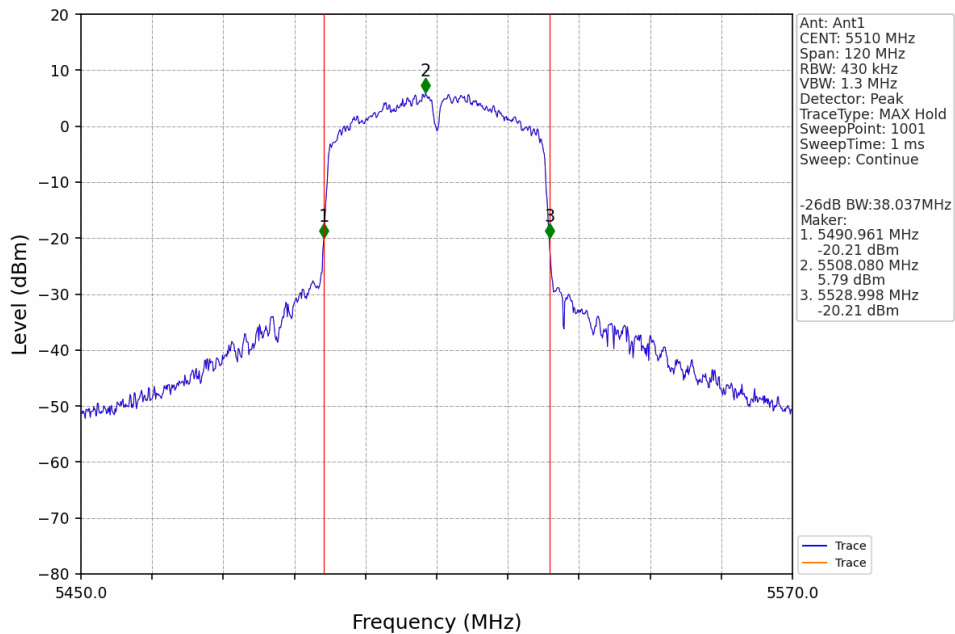
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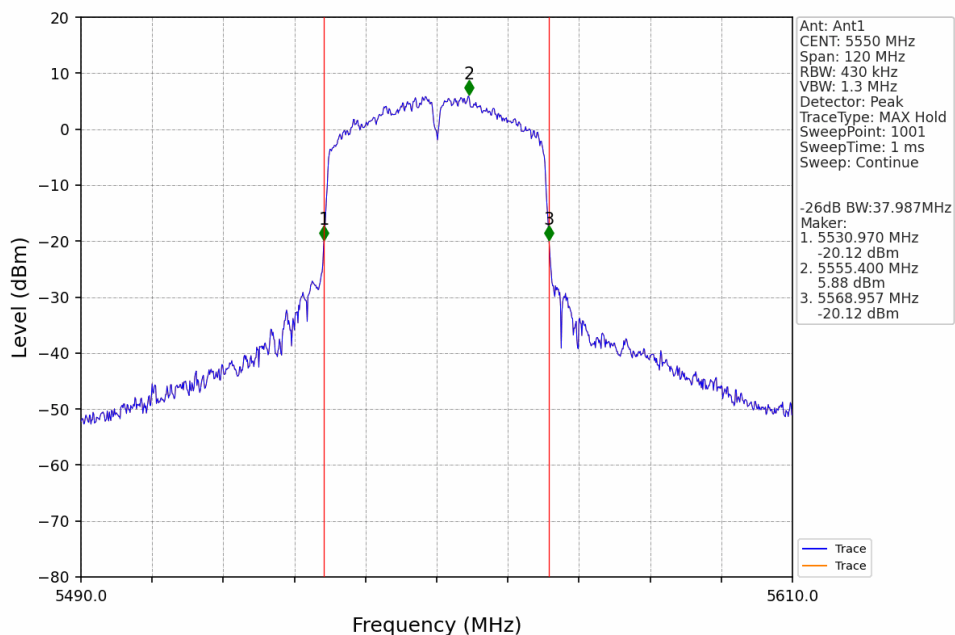
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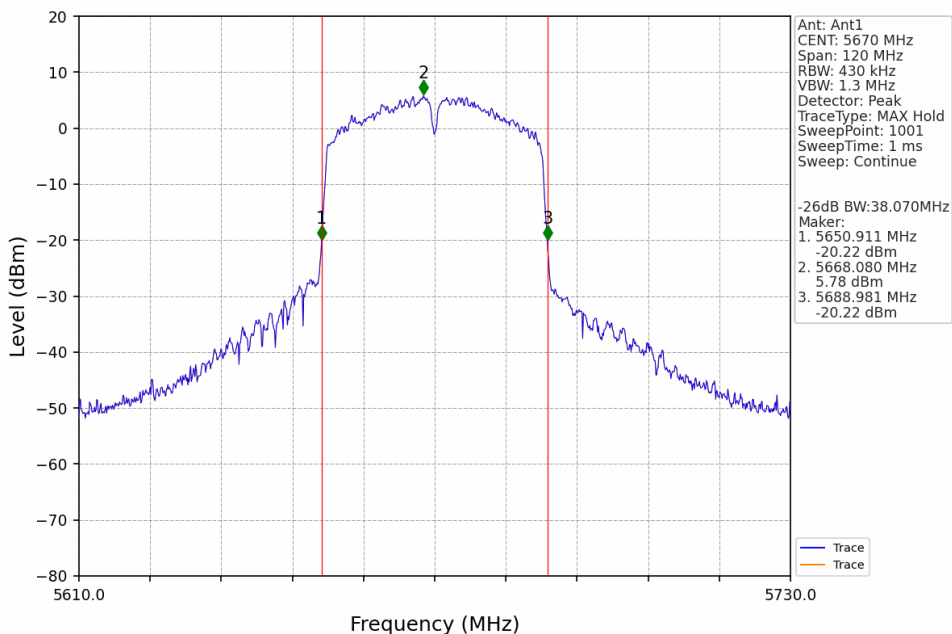
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802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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	15.58	<=23.98	Pass
		5200	15.43	<=23.98	Pass
		5240	15.49	<=23.98	Pass
		5260	15.32	<=23.8	Pass
		5300	15.38	<=23.73	Pass
		5320	15.44	<=23.8	Pass
		5500	14.88	<=23.79	Pass
		5580	15.02	<=23.78	Pass
		5700	15.33	<=23.8	Pass
		5745	15.13	<=30	Pass
		5785	14.94	<=30	Pass
		5825	14.65	<=30	Pass
802.11n (HT20)	SISO	5180	14.48	<=23.98	Pass
		5200	15.38	<=23.98	Pass
		5240	15.50	<=23.98	Pass
		5260	15.04	<=23.98	Pass
		5300	15.15	<=23.98	Pass
		5320	15.35	<=23.98	Pass
		5500	14.79	<=23.98	Pass
		5580	14.93	<=23.98	Pass
		5700	15.21	<=23.98	Pass
		5745	14.98	<=30	Pass
		5785	14.83	<=30	Pass
		5825	14.54	<=30	Pass
802.11n (HT40)	SISO	5190	12.79	<=23.98	Pass
		5230	12.91	<=23.98	Pass
		5270	15.30	<=23.98	Pass
		5310	15.39	<=23.98	Pass
		5510	14.70	<=23.98	Pass
		5550	14.77	<=23.98	Pass



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		5670	14.91	≤ 23.98	Pass
		5755	15.03	≤ 30	Pass
		5795	14.99	≤ 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	5.66	≤ 11	Pass
		5200	5.69	≤ 11	Pass
		5240	5.74	≤ 11	Pass
		5260	5.51	≤ 11	Pass
		5300	5.65	≤ 11	Pass
		5320	5.59	≤ 11	Pass
		5500	5.06	≤ 11	Pass
		5580	5.17	≤ 11	Pass
		5700	5.53	≤ 11	Pass
802.11n (HT20)	SISO	5180	4.61	≤ 11	Pass
		5200	2.74	≤ 11	Pass
		5240	2.85	≤ 11	Pass
		5260	5.33	≤ 11	Pass
		5300	5.36	≤ 11	Pass
		5320	5.38	≤ 11	Pass
		5500	4.91	≤ 11	Pass
		5580	5.00	≤ 11	Pass
		5700	5.27	≤ 11	Pass
802.11n (HT40)	SISO	5190	0.28	≤ 11	Pass
		5230	0.03	≤ 11	Pass
		5270	2.59	≤ 11	Pass
		5310	2.74	≤ 11	Pass
		5510	2.03	≤ 11	Pass
		5550	2.01	≤ 11	Pass
		5670	2.21	≤ 11	Pass

4.1.2 PSD-Band3

Mode	TX	Frequency	Maximum PSD (dBm/500kHz)	Verdict
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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241100416306

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	Type	(MHz)	ANT1	Limit	
802.11a	SISO	5745	2.77	≤ 30	Pass
		5785	2.61	≤ 30	Pass
		5825	2.12	≤ 30	Pass
802.11n (HT20)	SISO	5745	2.43	≤ 30	Pass
		5785	2.24	≤ 30	Pass
		5825	2.04	≤ 30	Pass
802.11n (HT40)	SISO	5755	-0.38	≤ 30	Pass
		5795	-0.54	≤ 30	Pass



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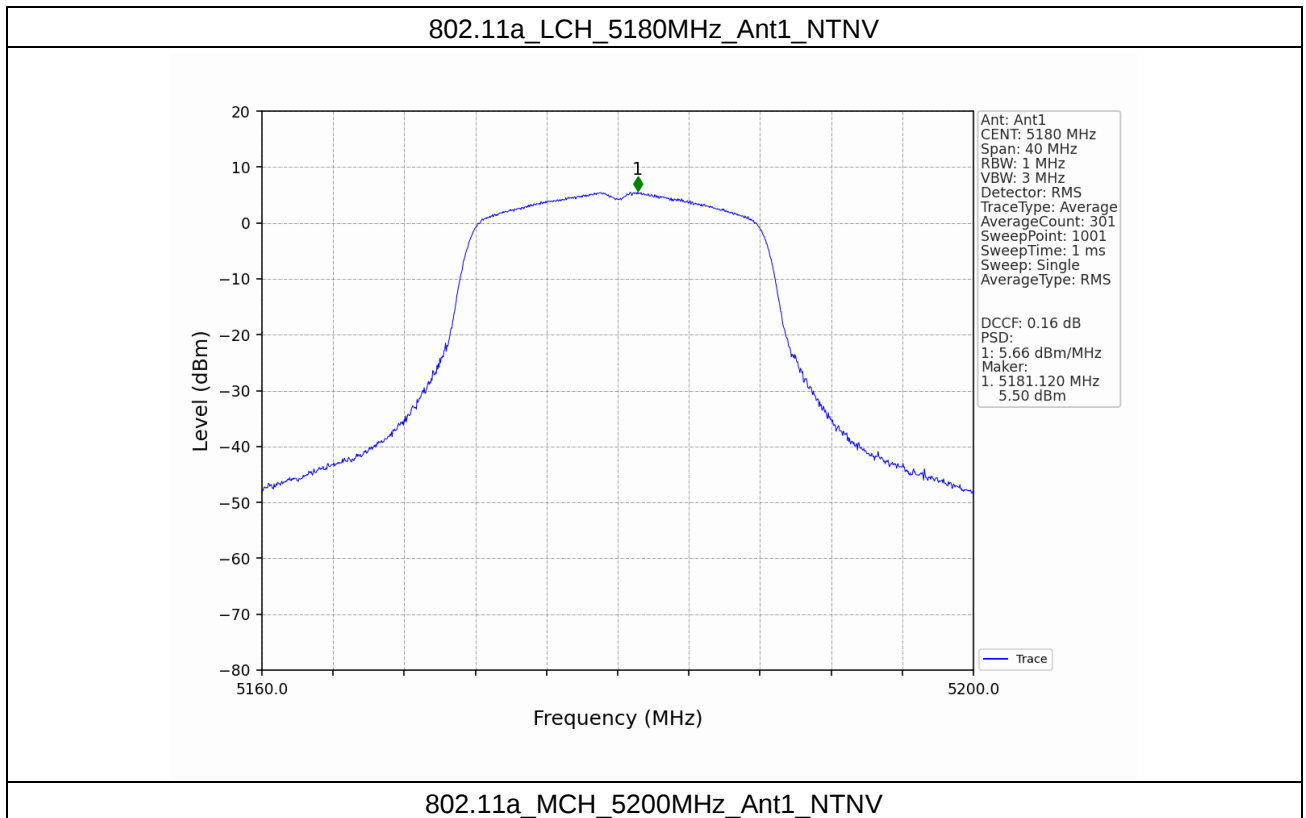
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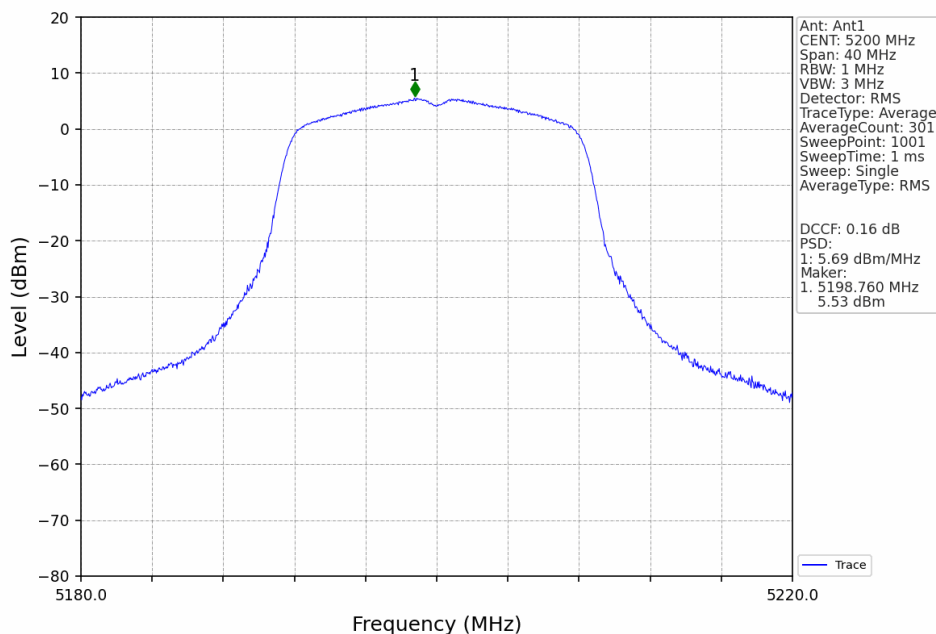
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4.2 Test Graph

4.2.1 PSD





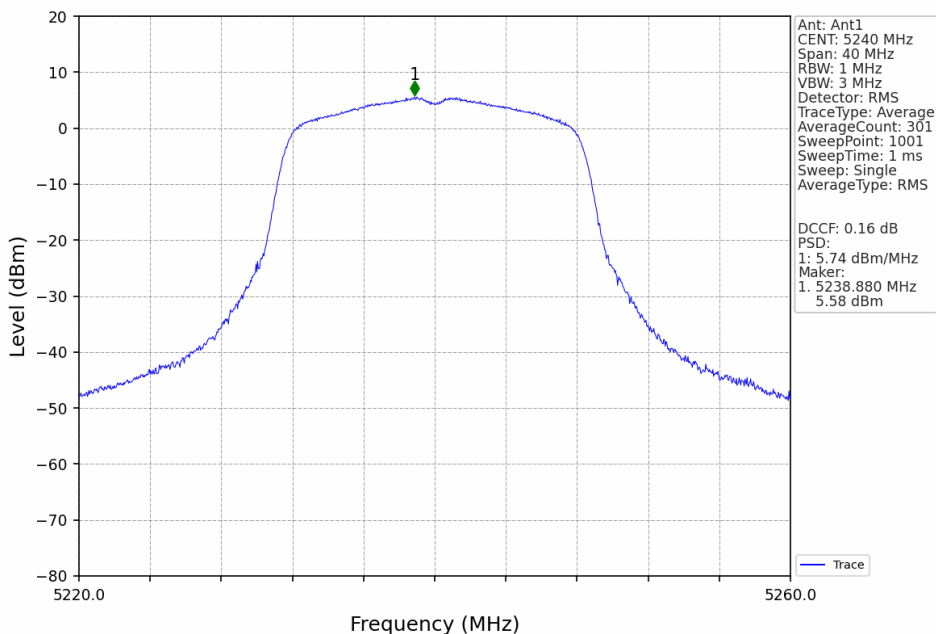
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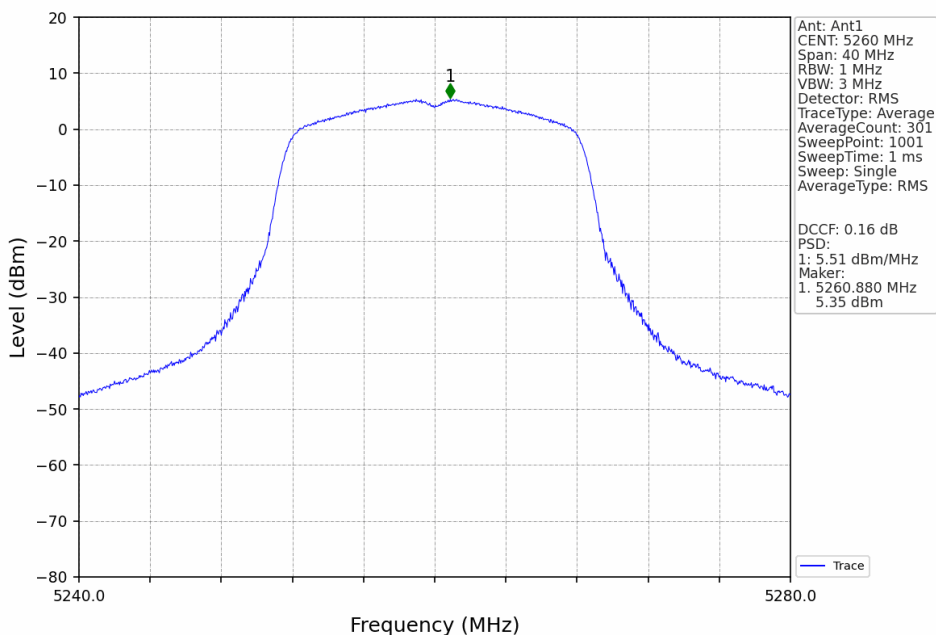
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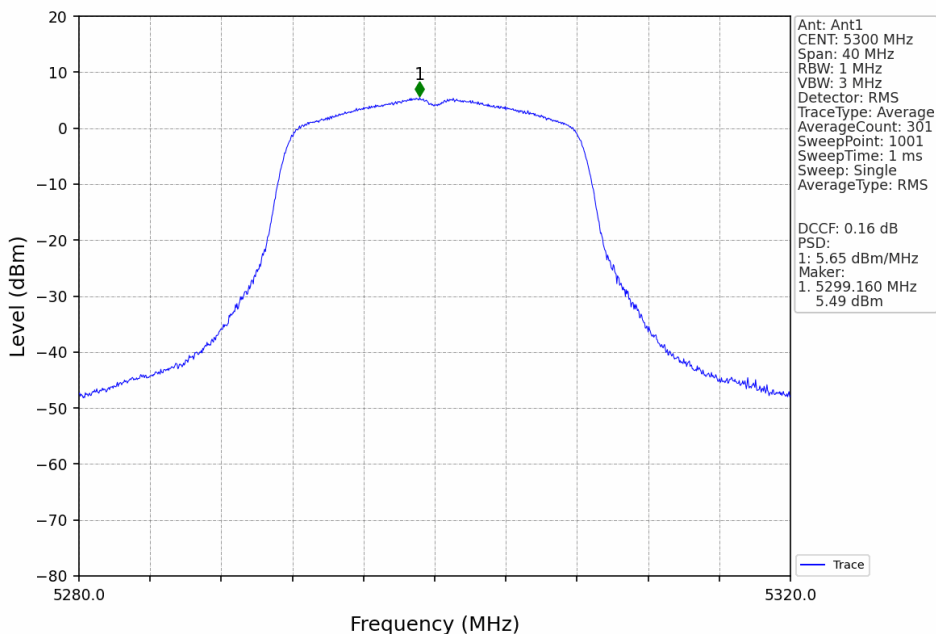
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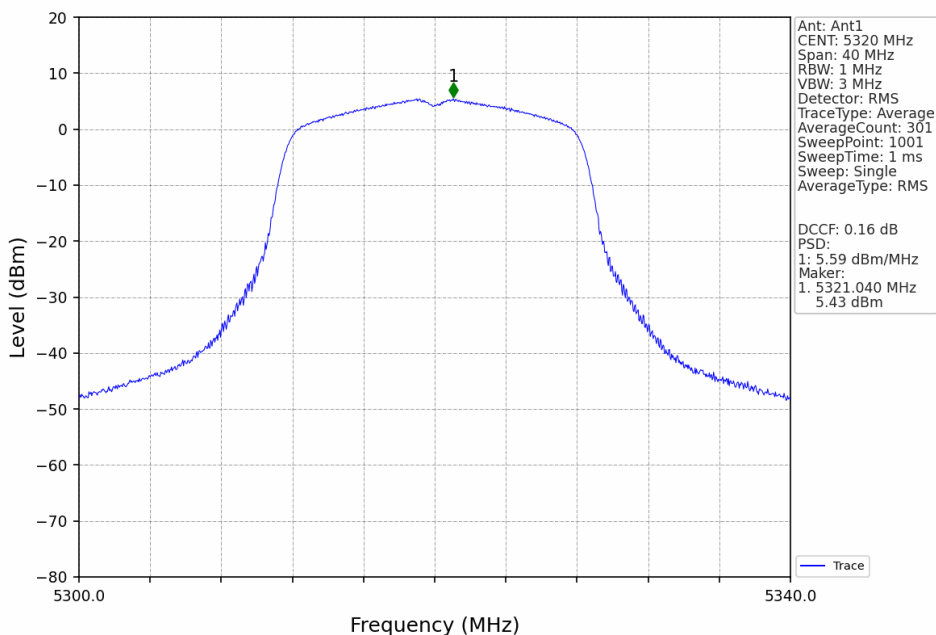
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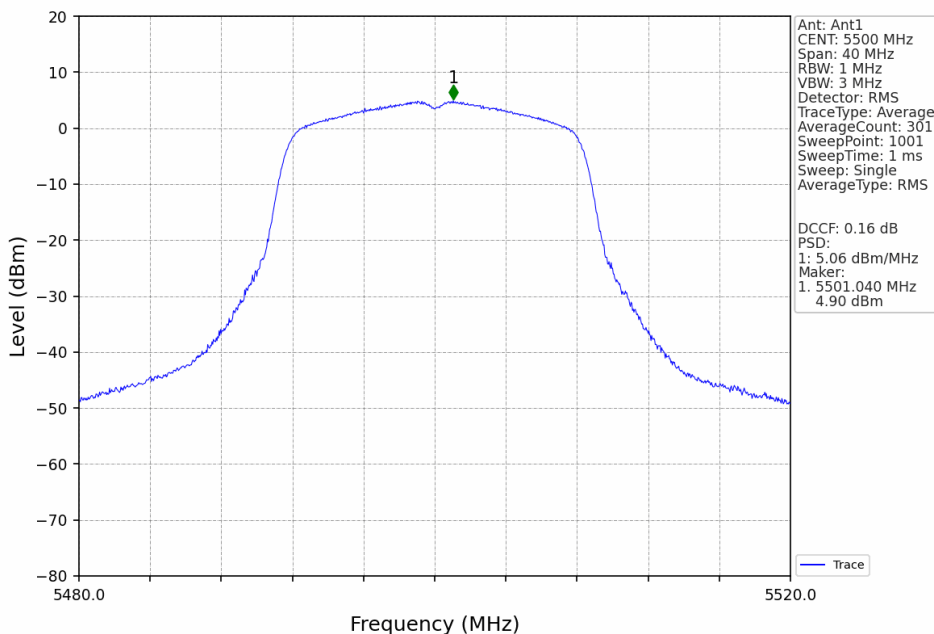
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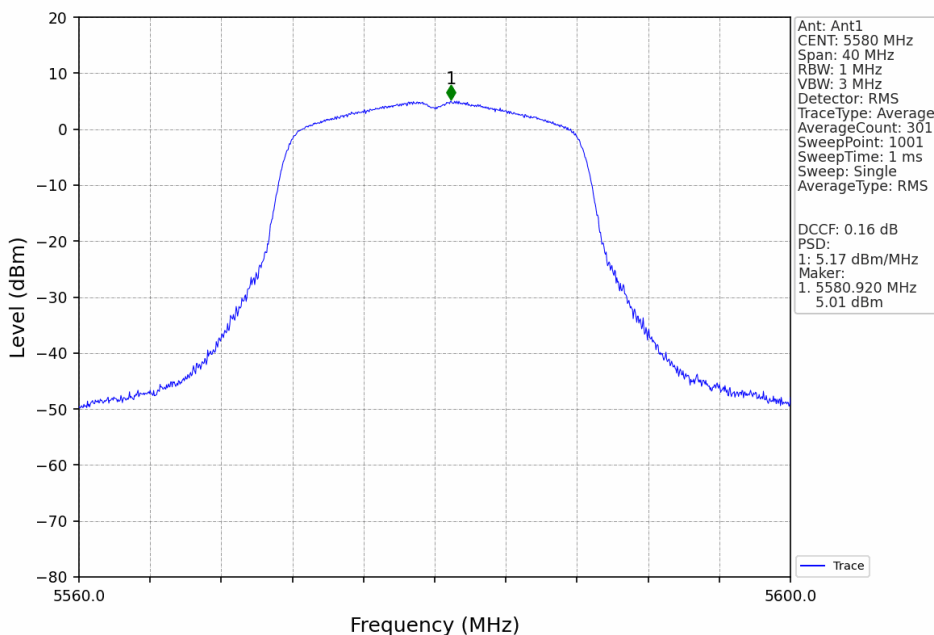
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



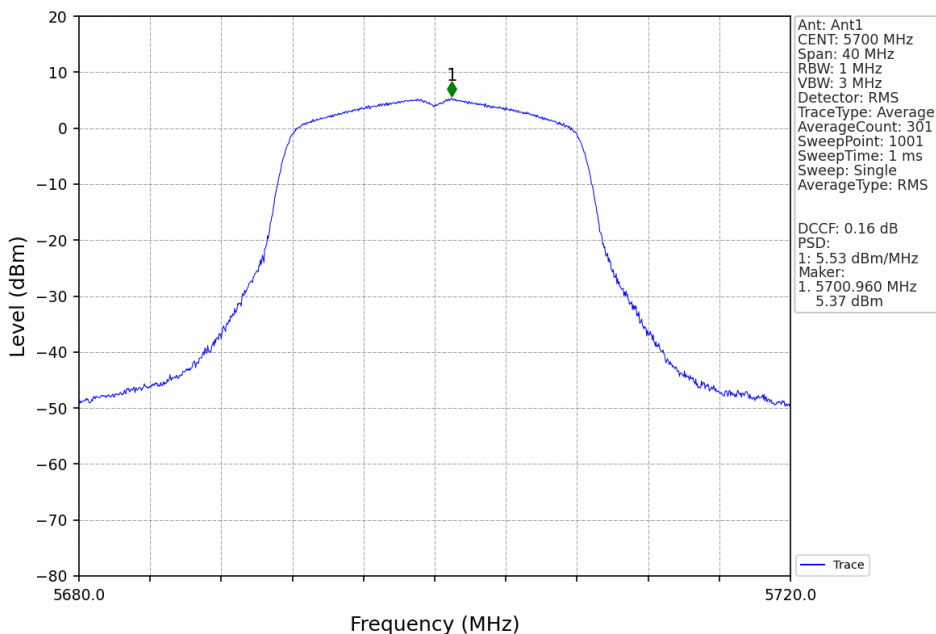
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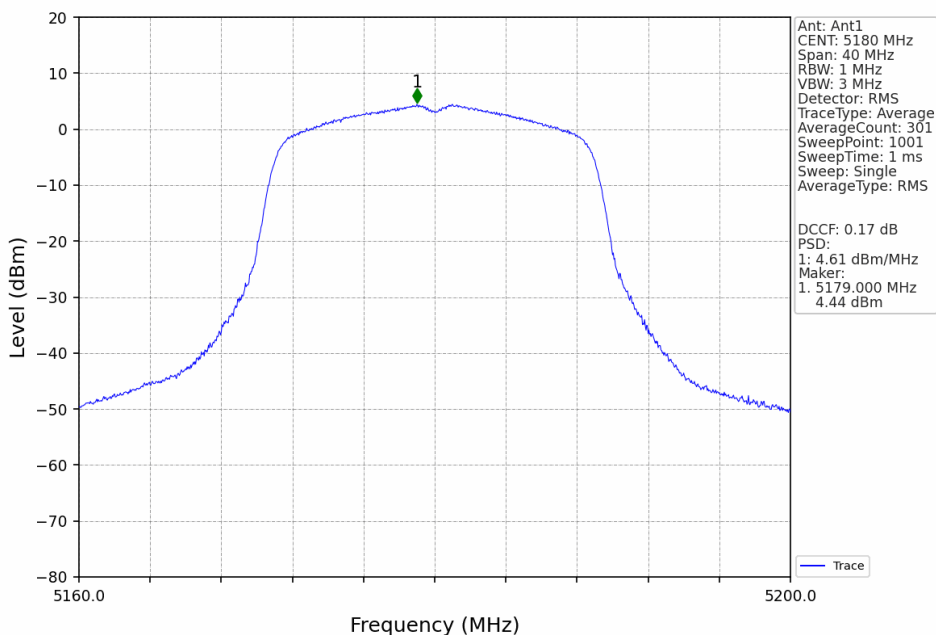
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802.11a_HCH_5700MHz_Ant1_NTNV



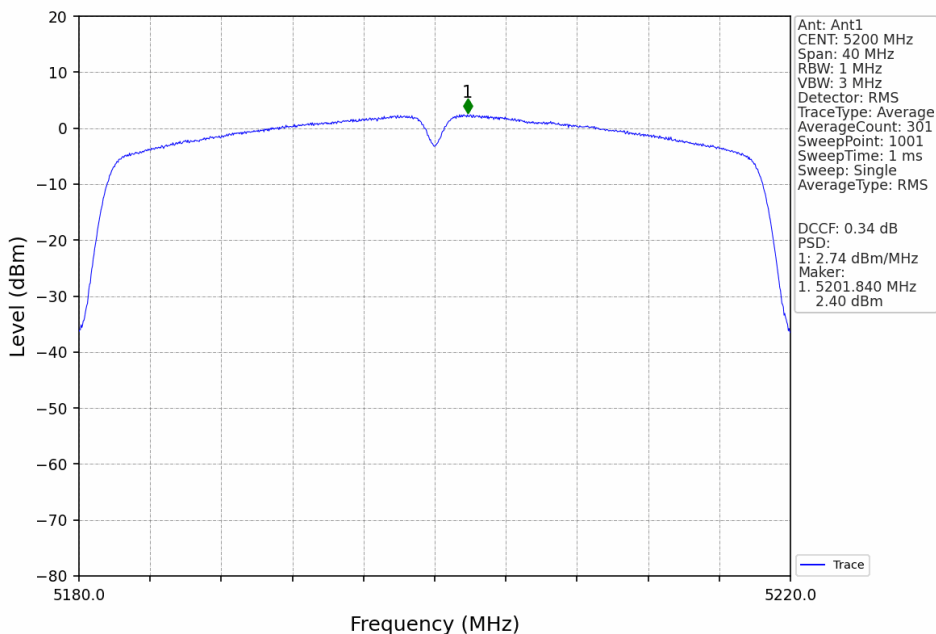
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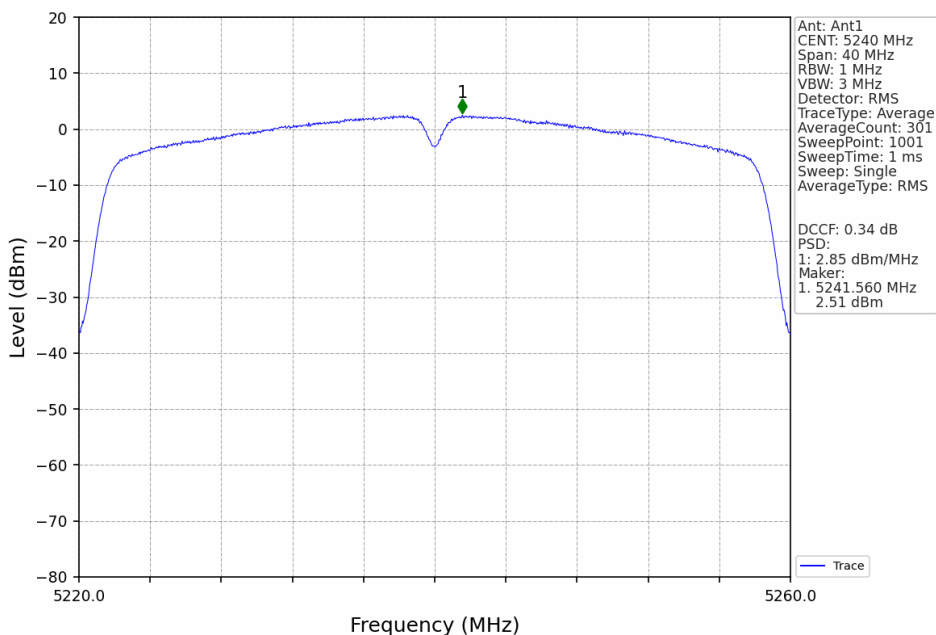
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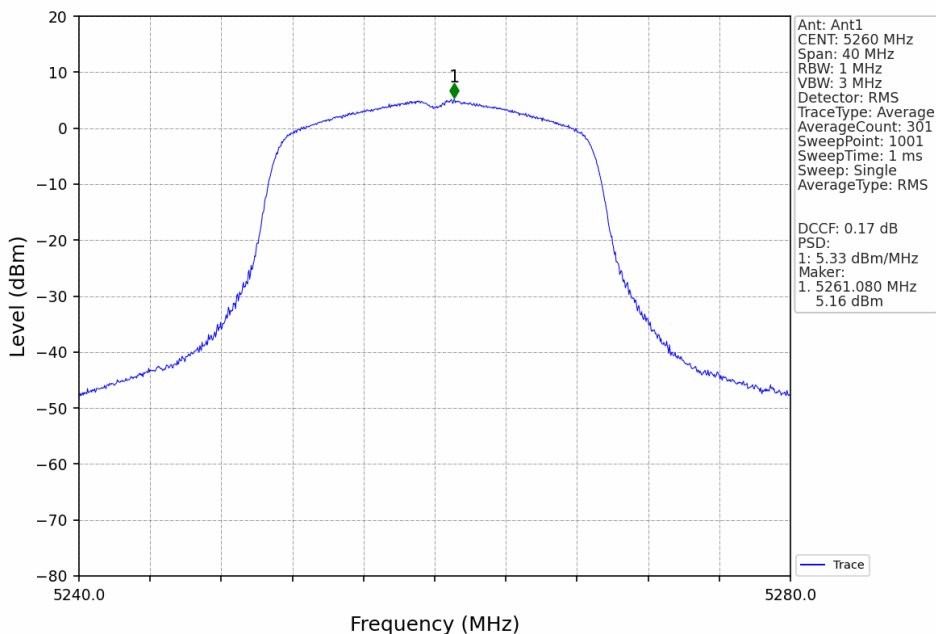
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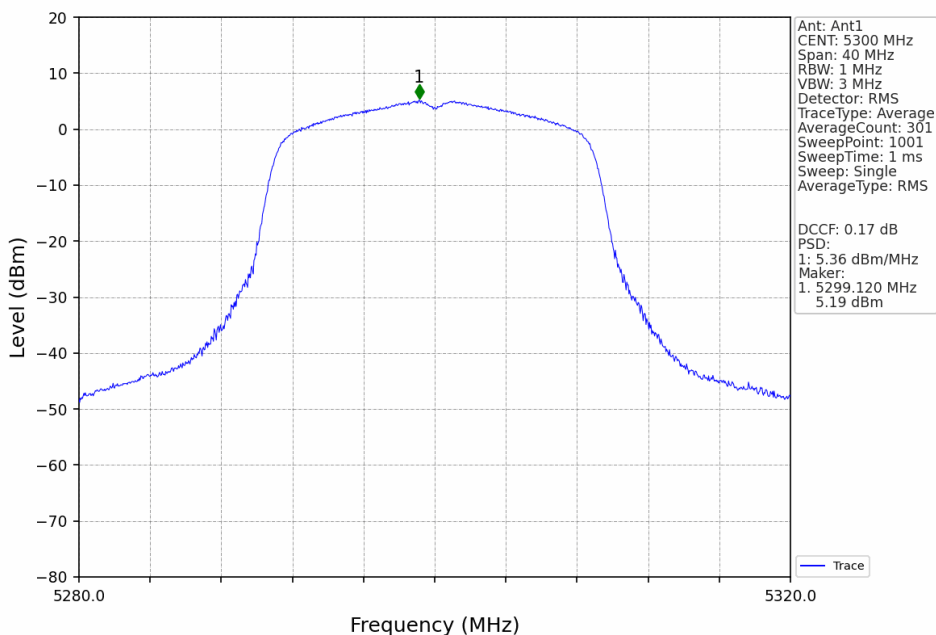
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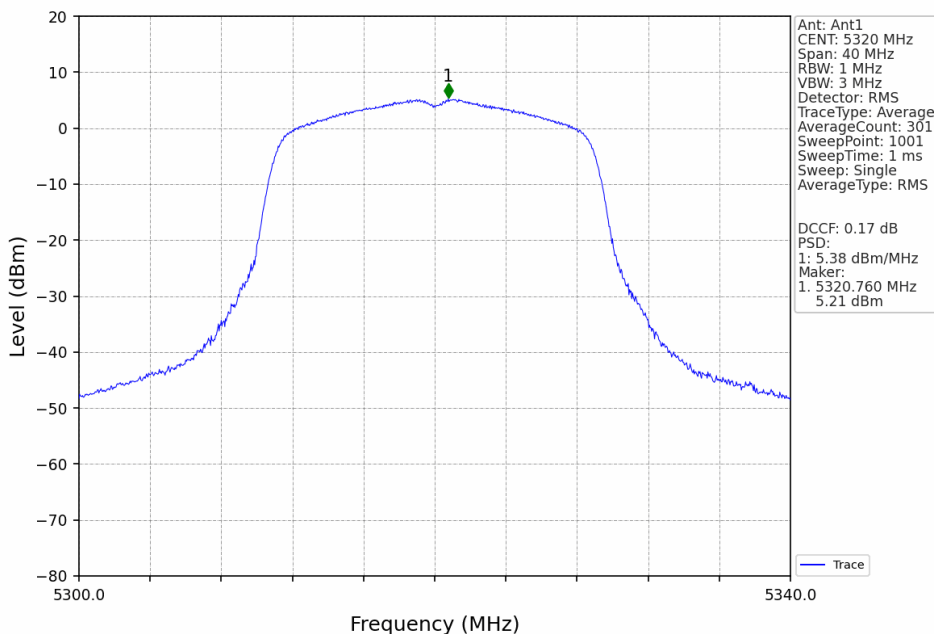
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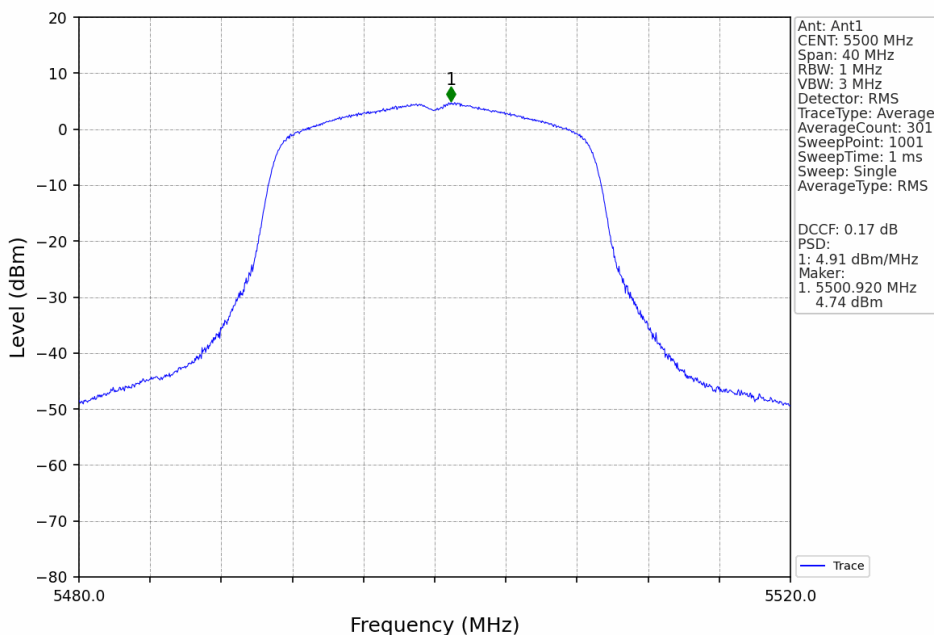
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



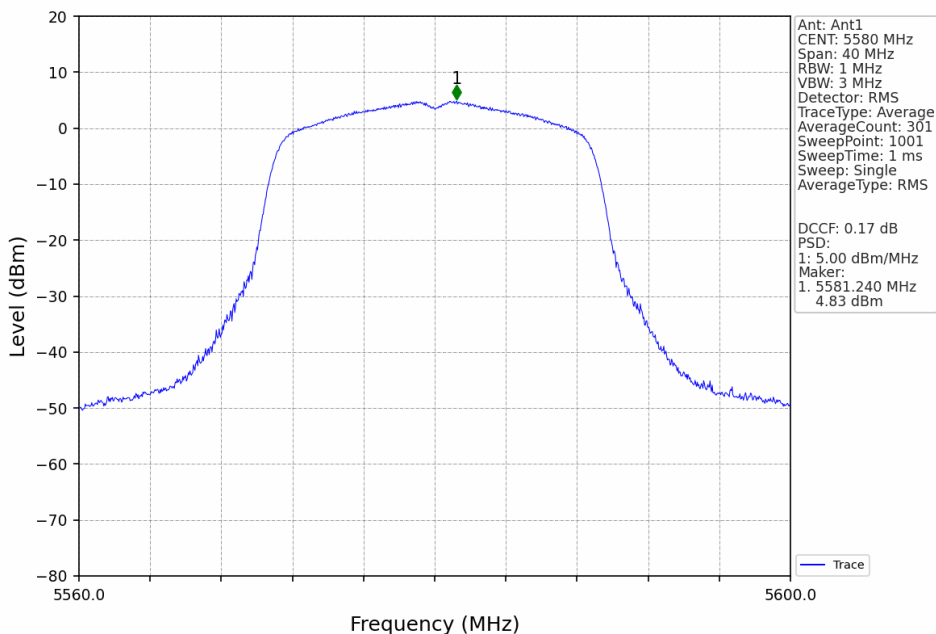
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