

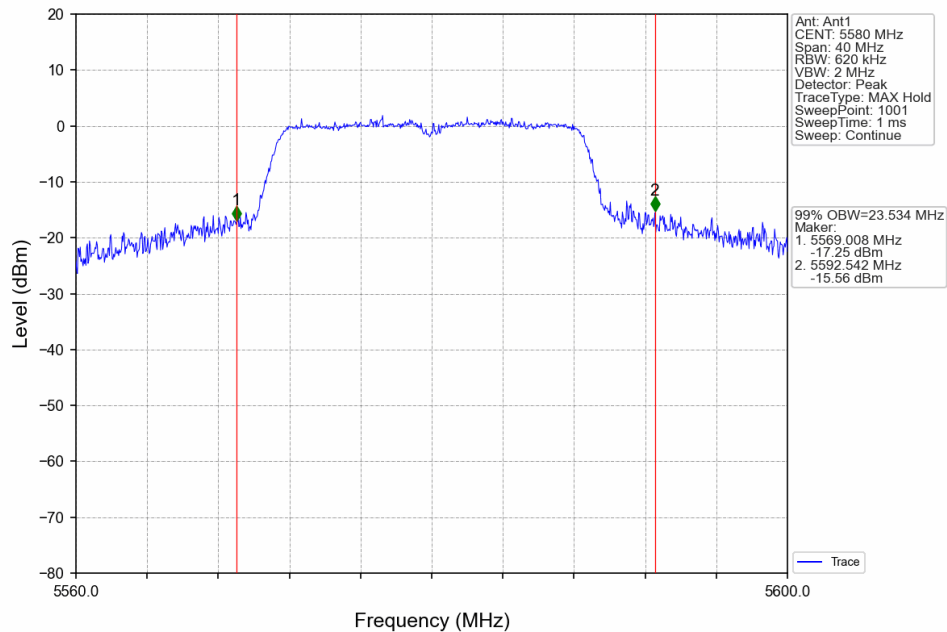
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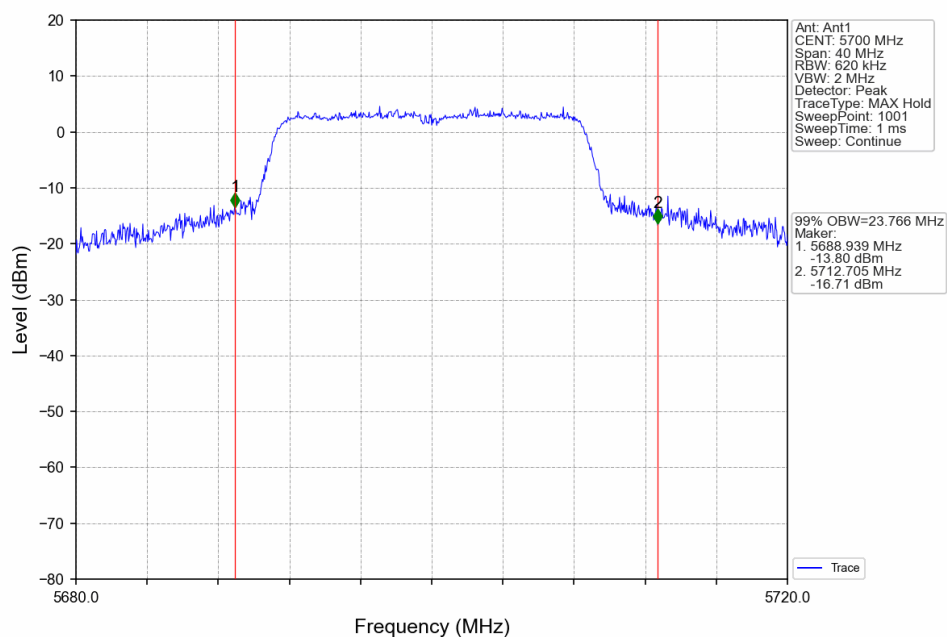
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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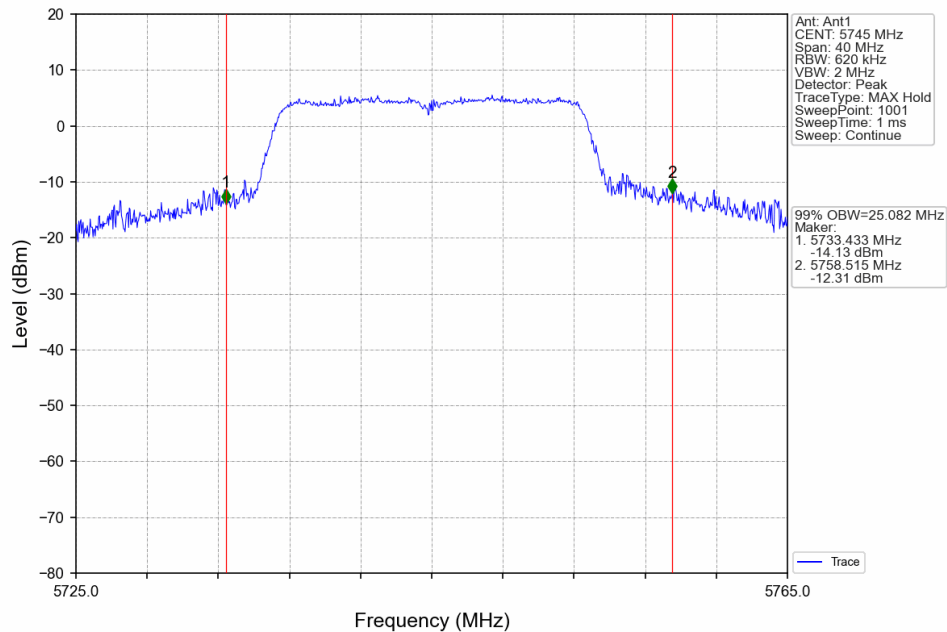
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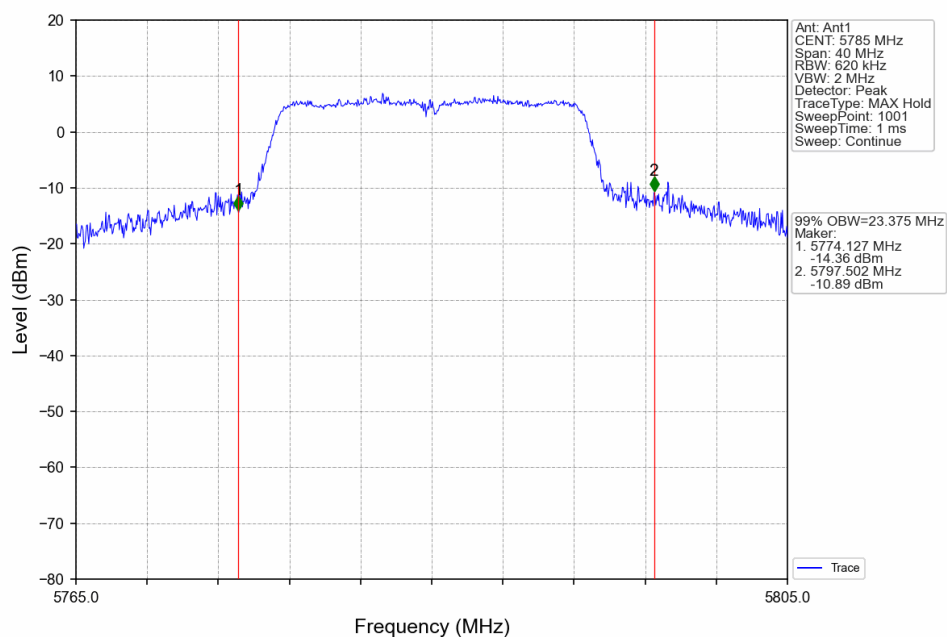
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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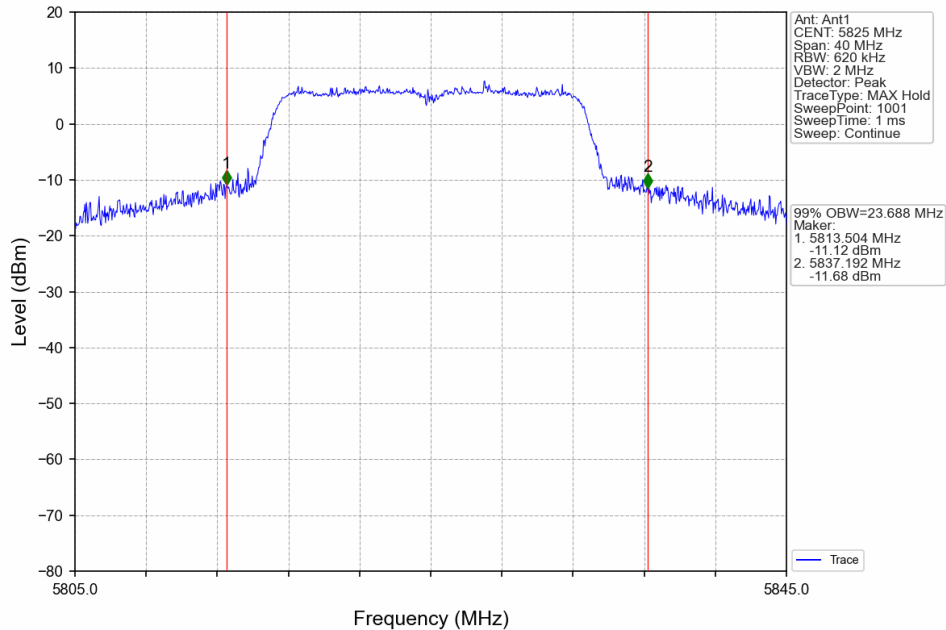
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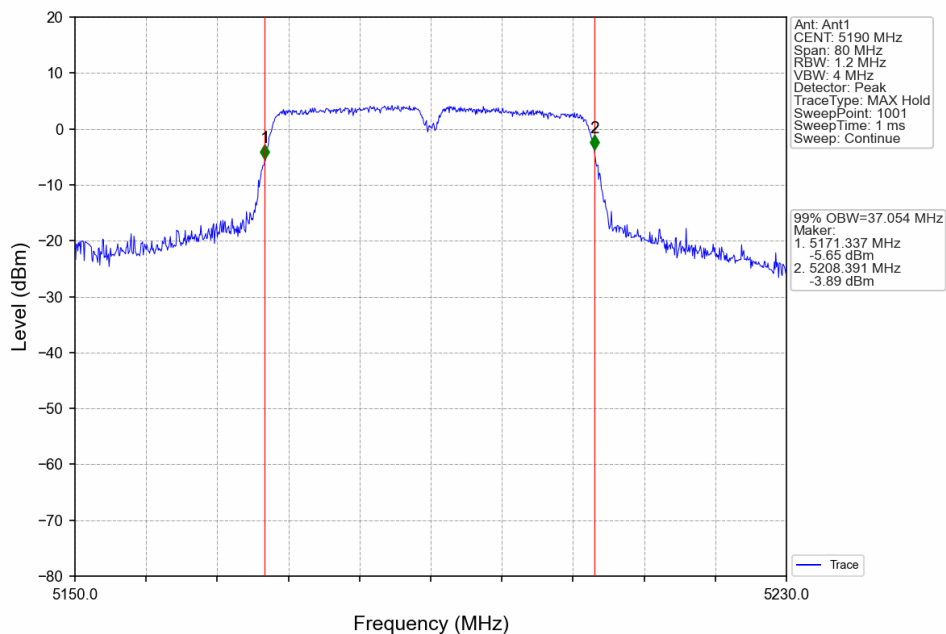
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



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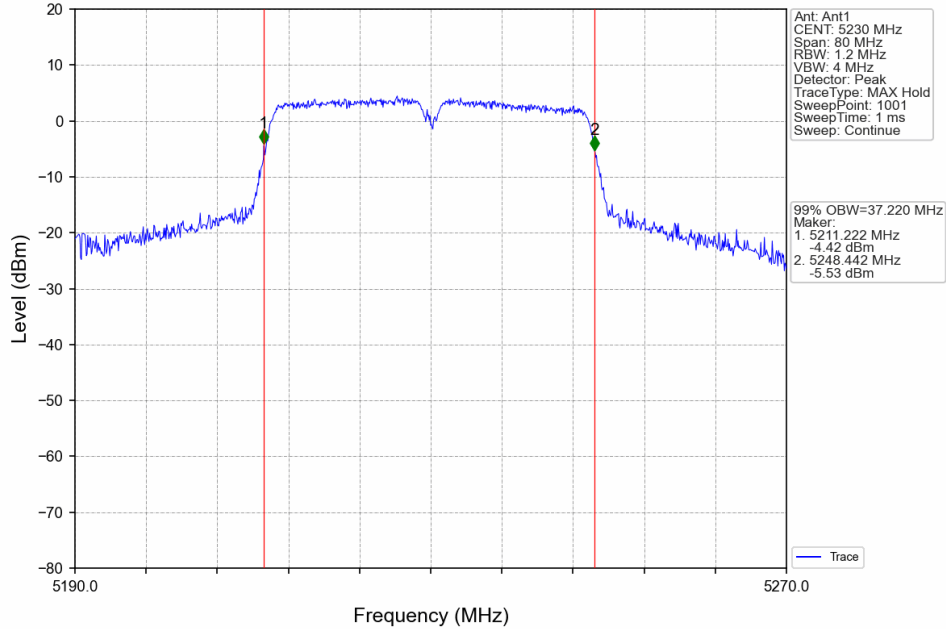
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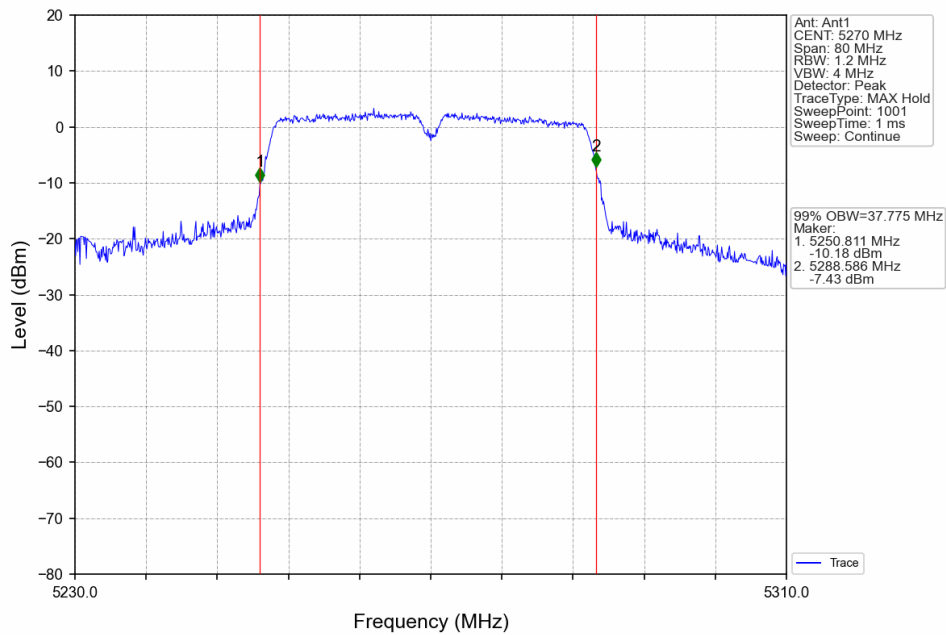
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802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



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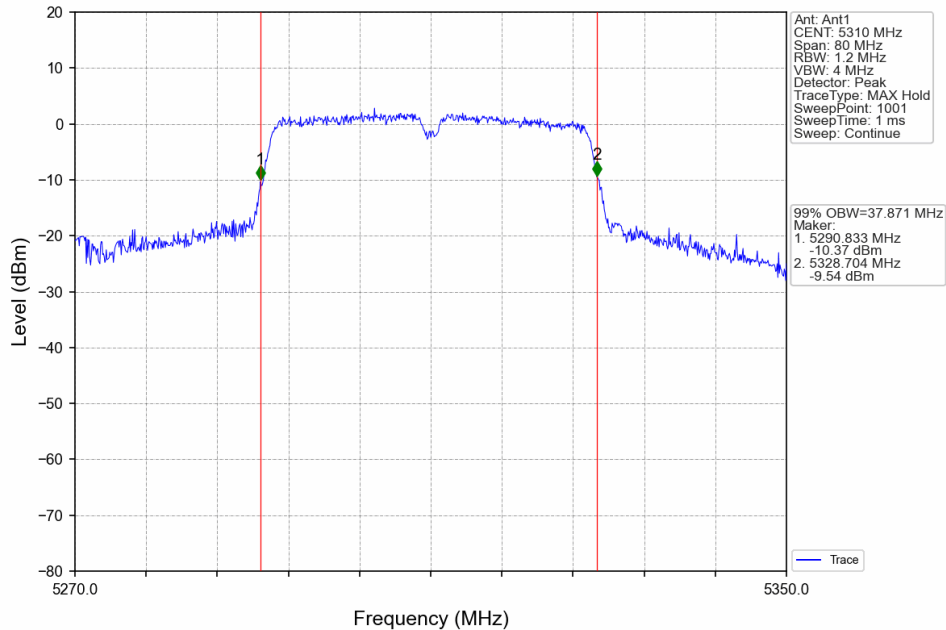
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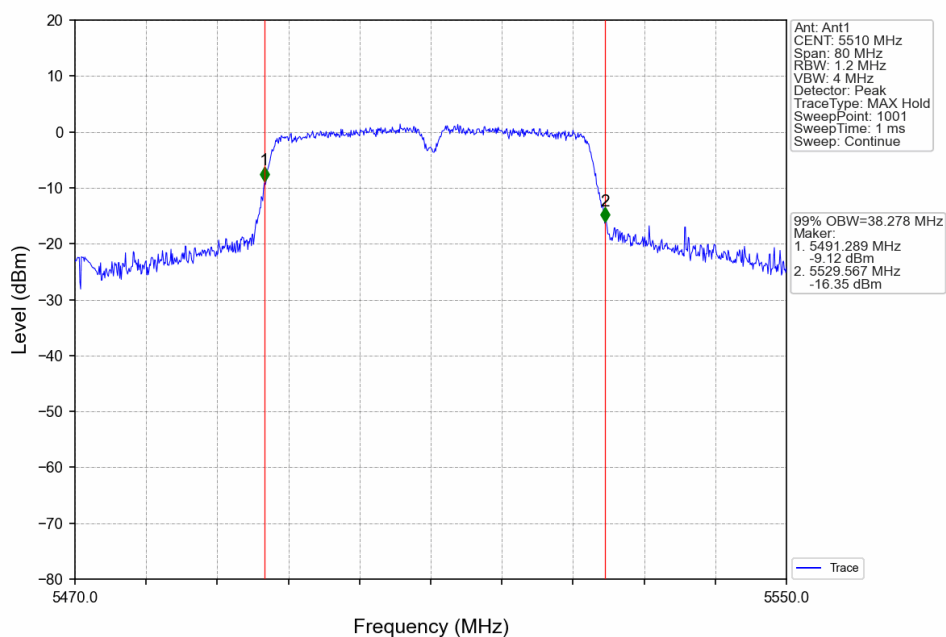
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802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



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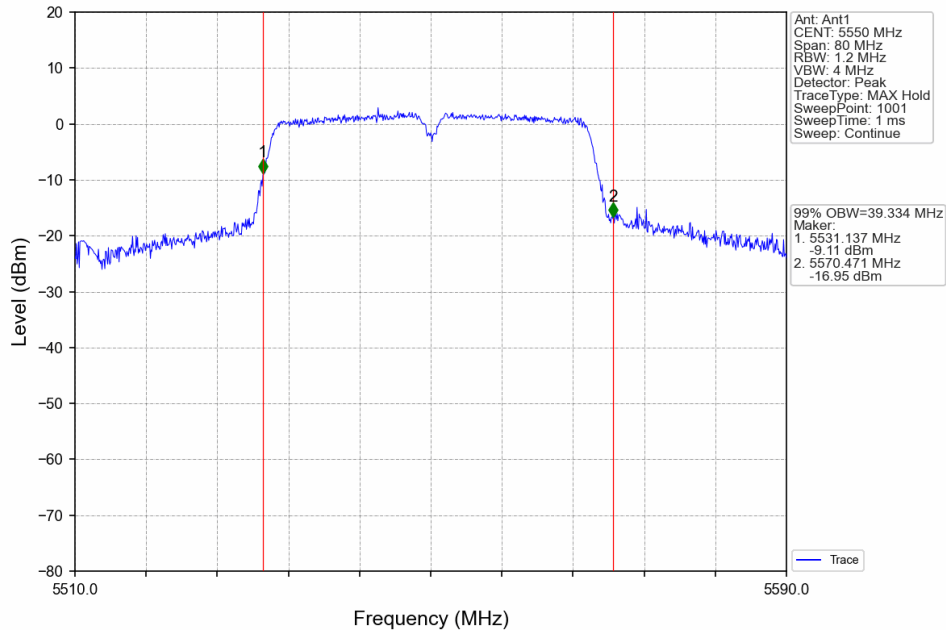
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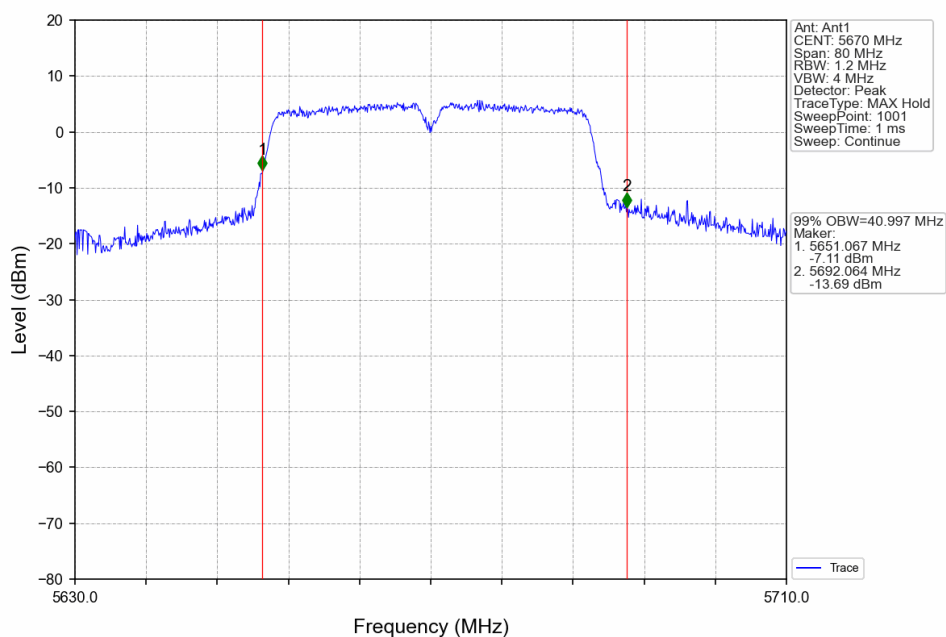
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802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



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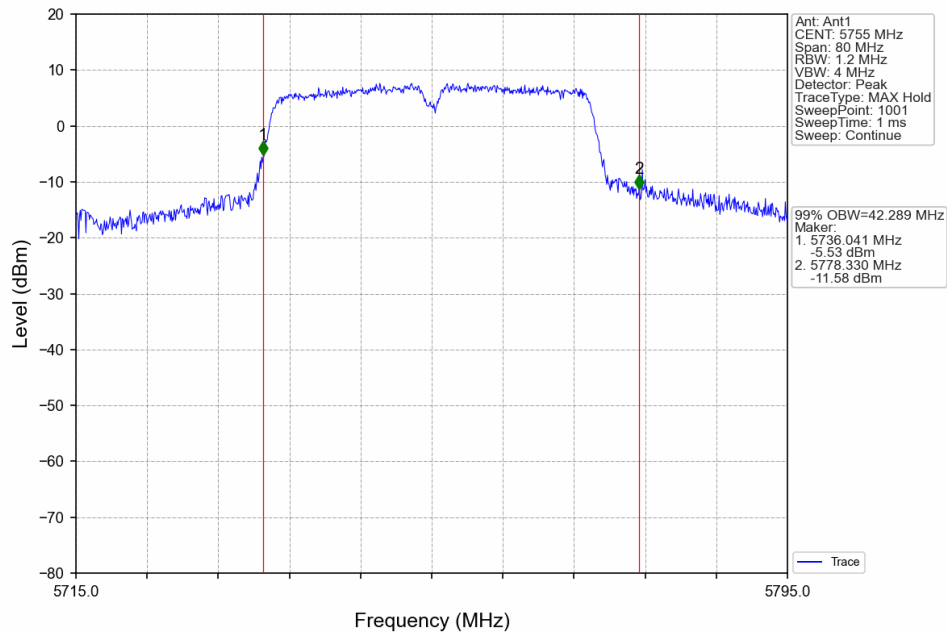
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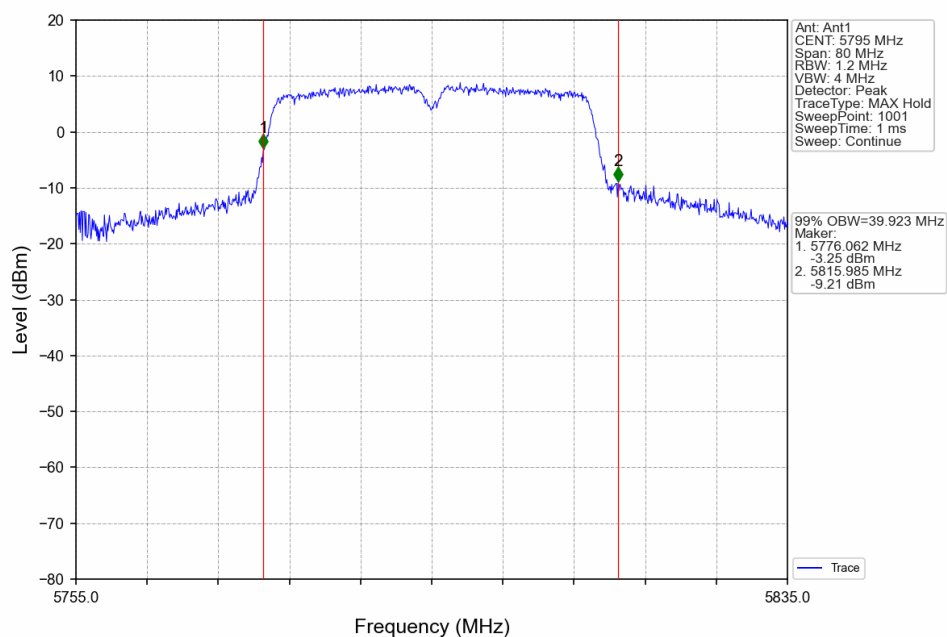
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802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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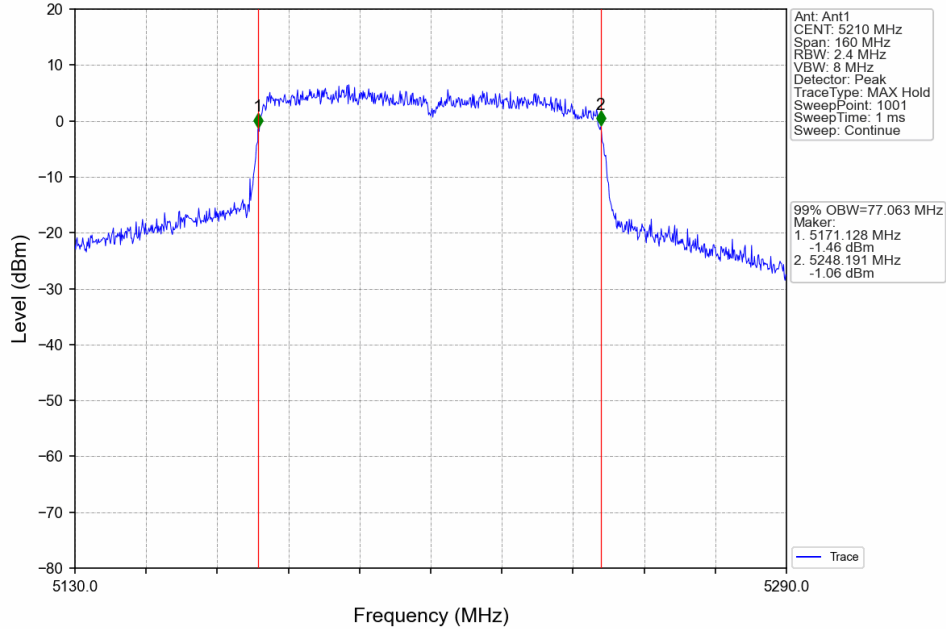
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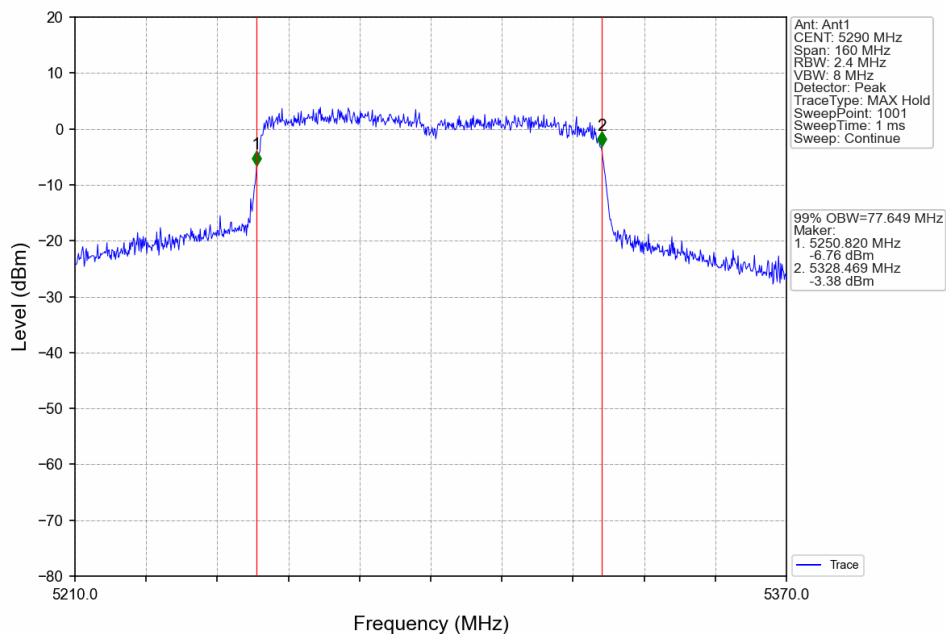
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802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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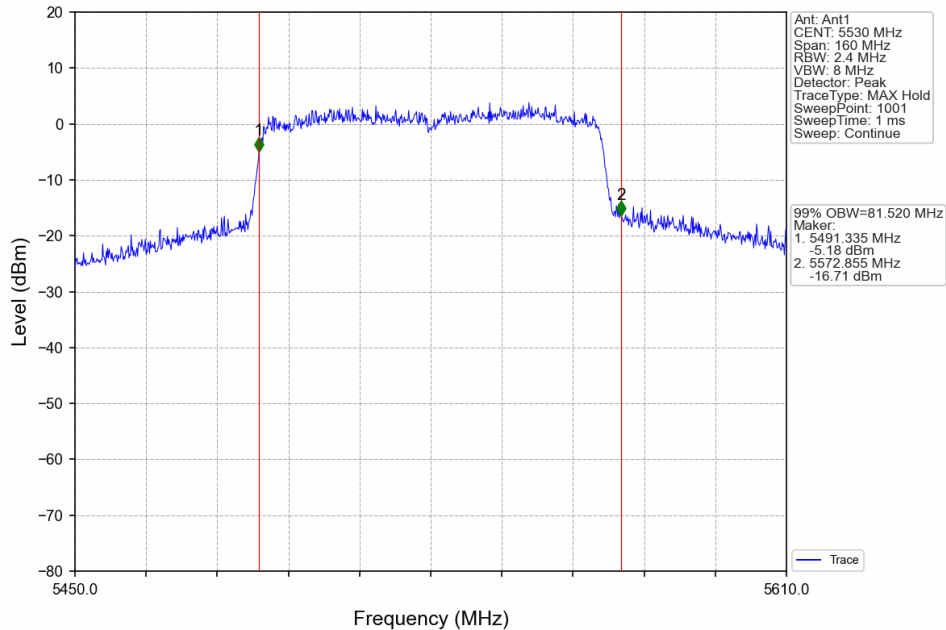
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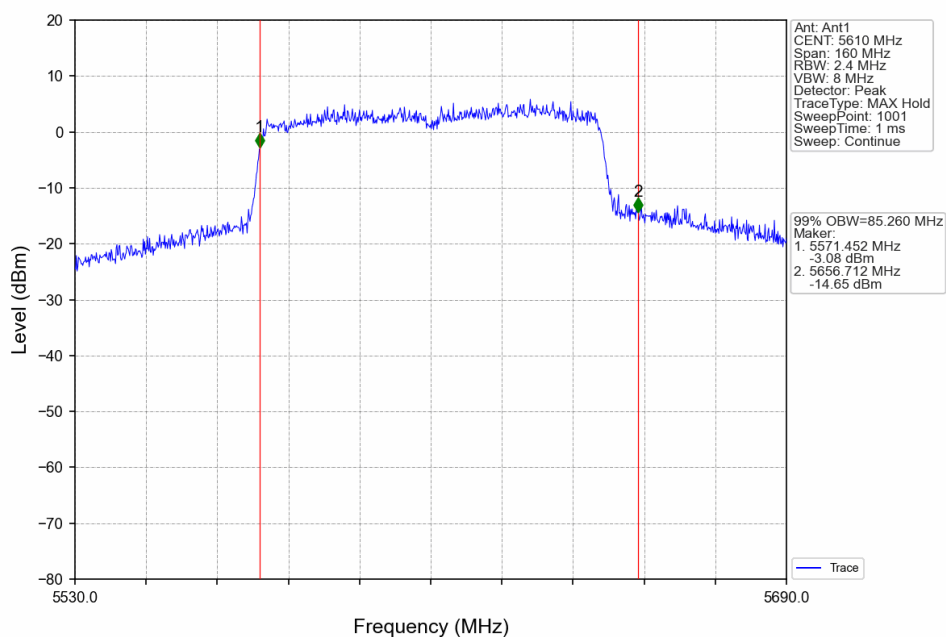
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802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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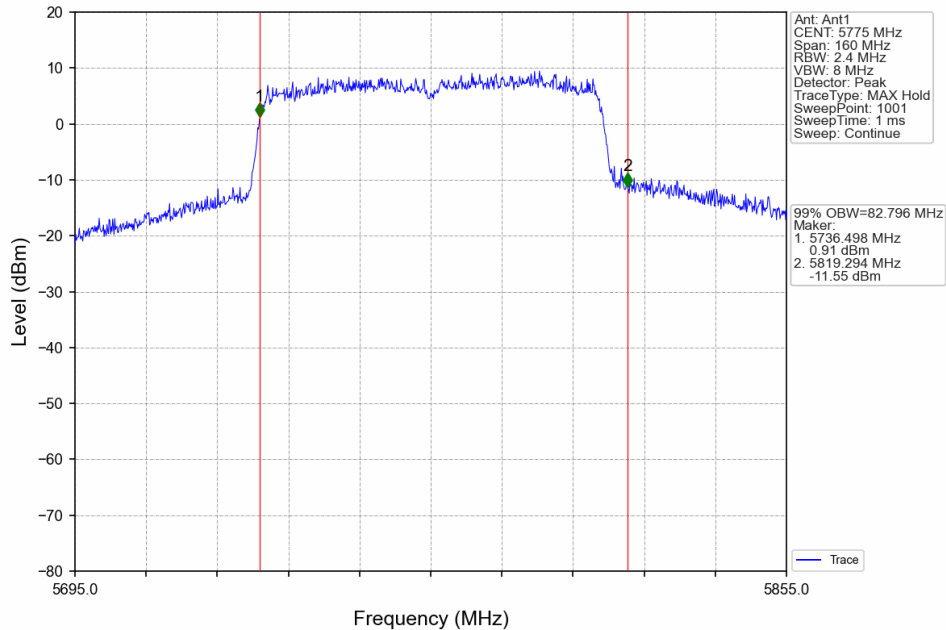
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802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.352	≥ 0.5	Pass
		5785	1	16.359	≥ 0.5	Pass
		5825	1	16.346	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	16.939	≥ 0.5	Pass
		5785	1	17.096	≥ 0.5	Pass
		5825	1	17.074	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.417	≥ 0.5	Pass
		5795	1	35.396	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	16.943	≥ 0.5	Pass
		5785	1	16.739	≥ 0.5	Pass
		5825	1	17.531	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.354	≥ 0.5	Pass
		5795	1	35.203	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.211	≥ 0.5	Pass



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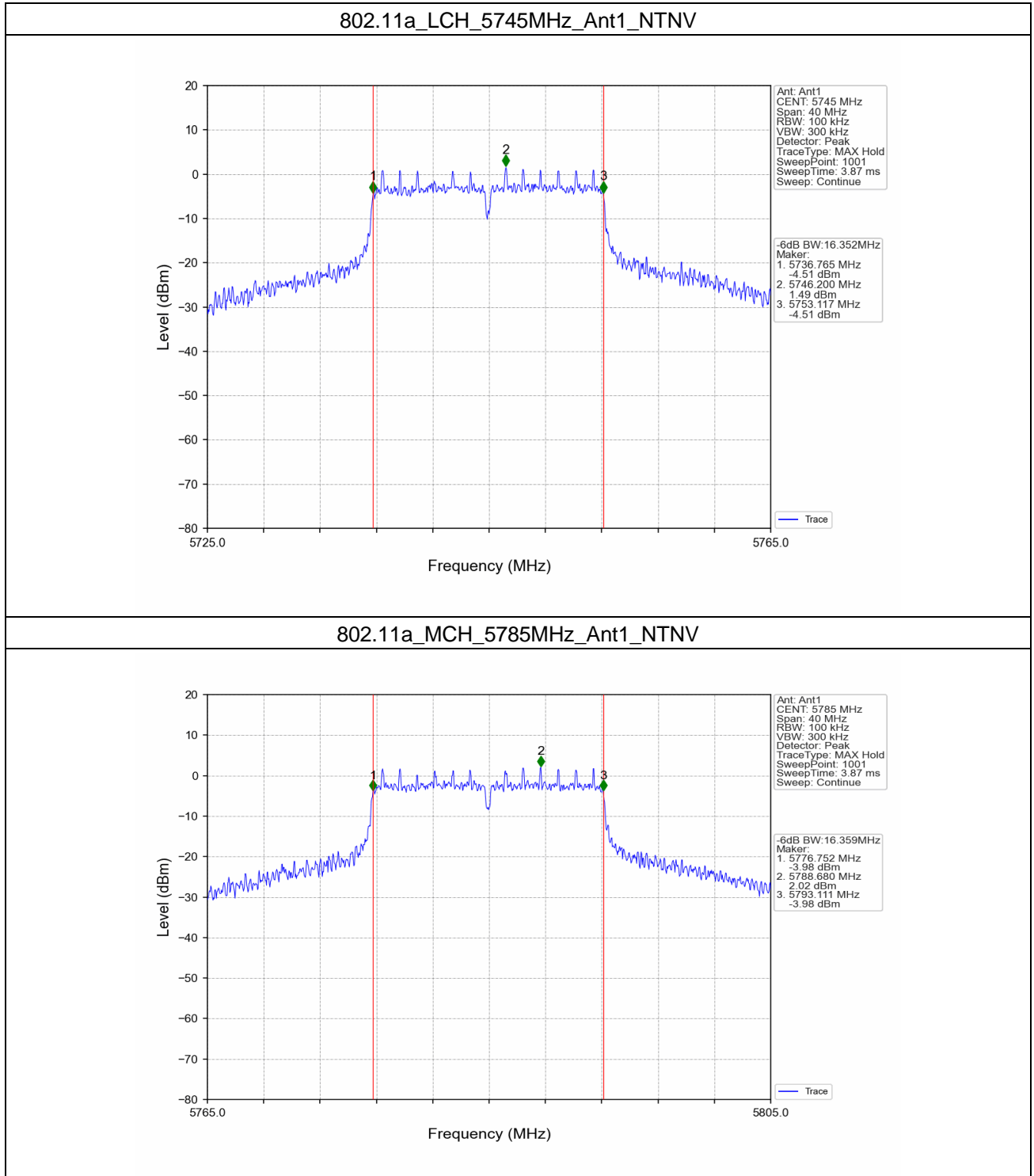
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2.2.2 Test Graph



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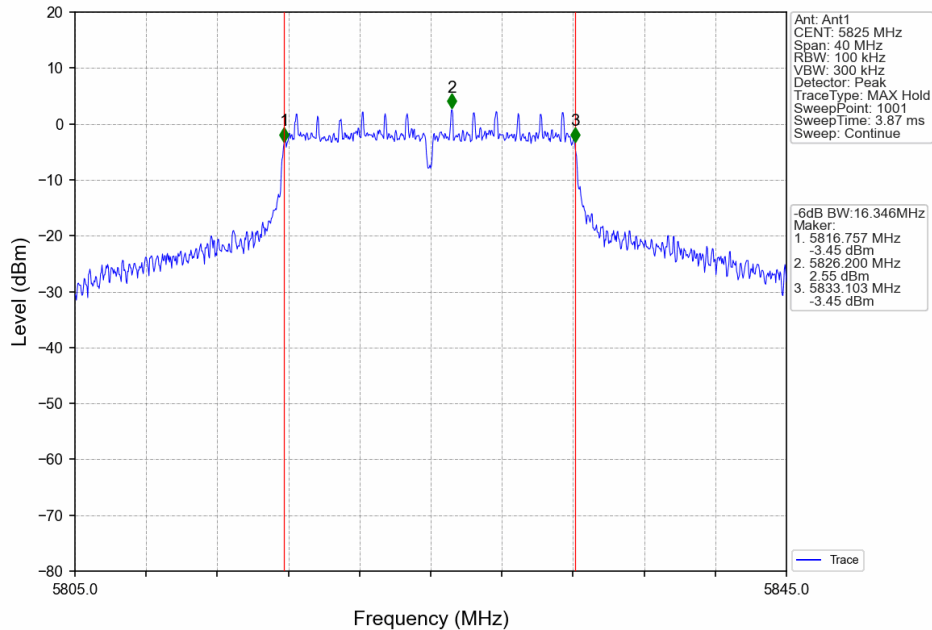
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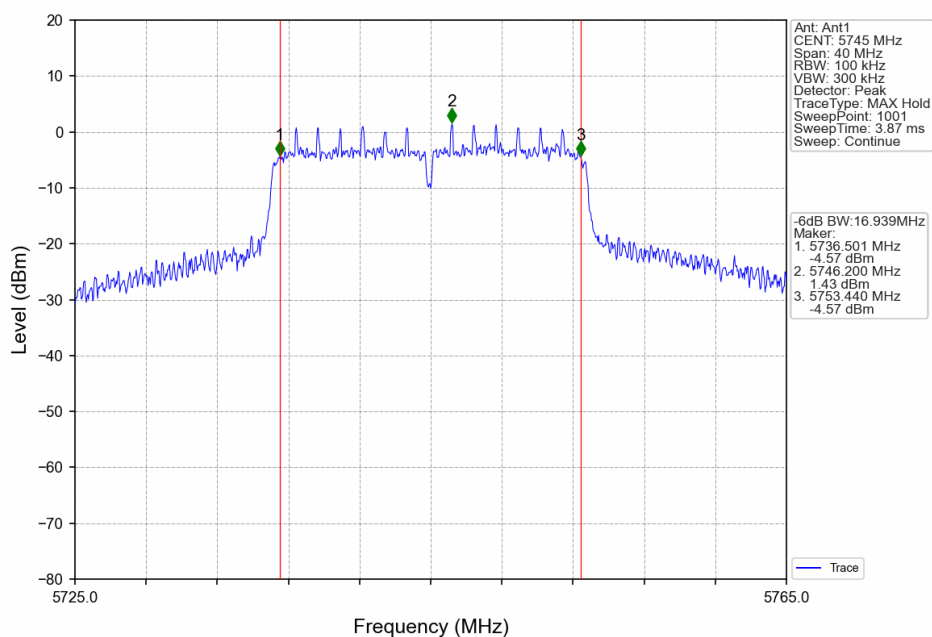
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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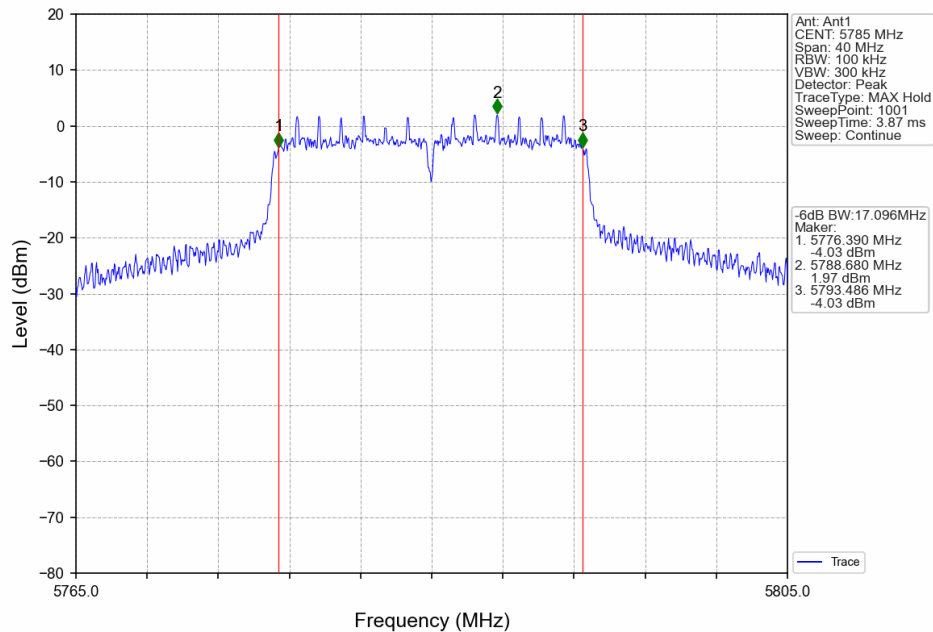
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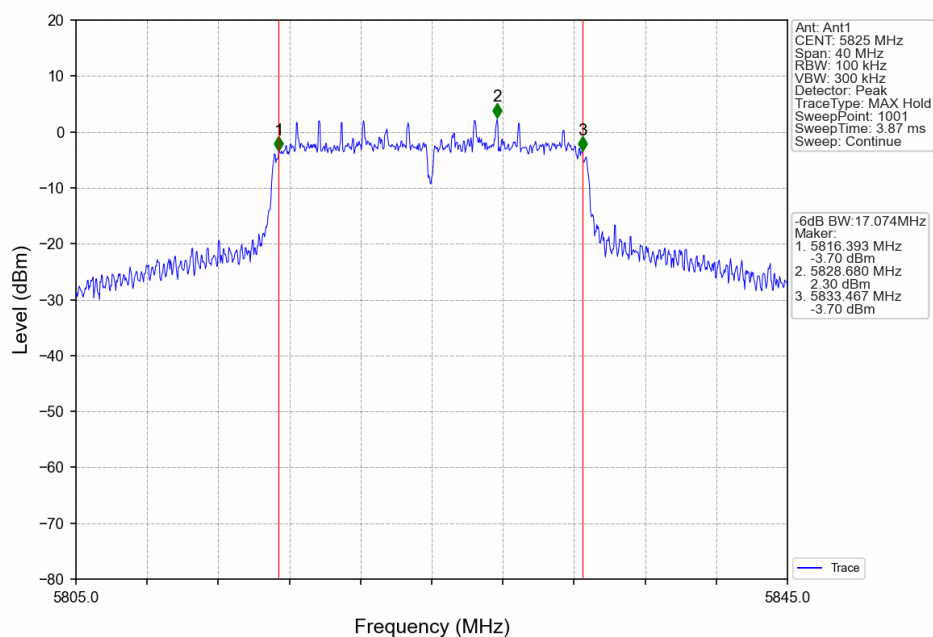
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802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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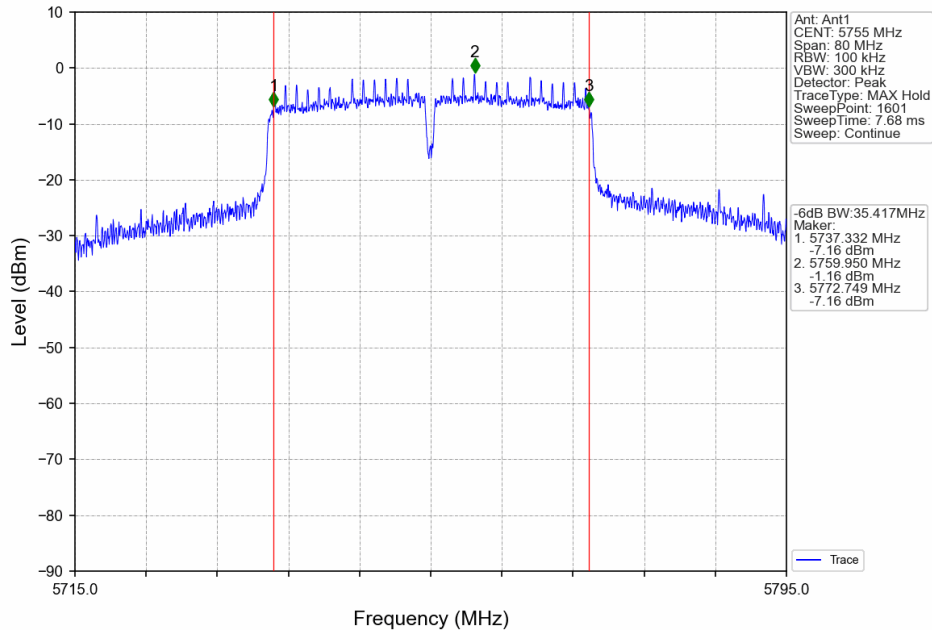
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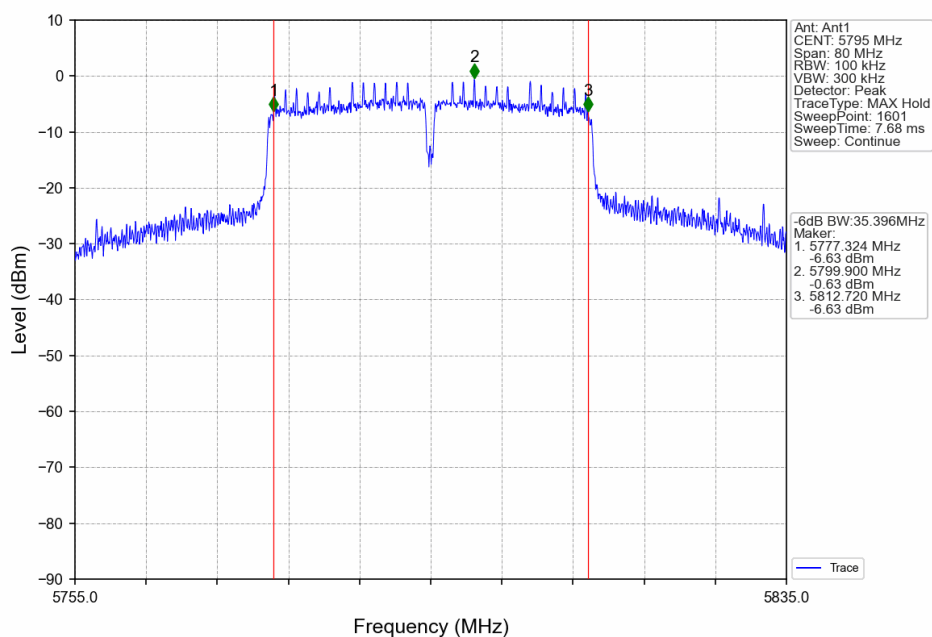
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802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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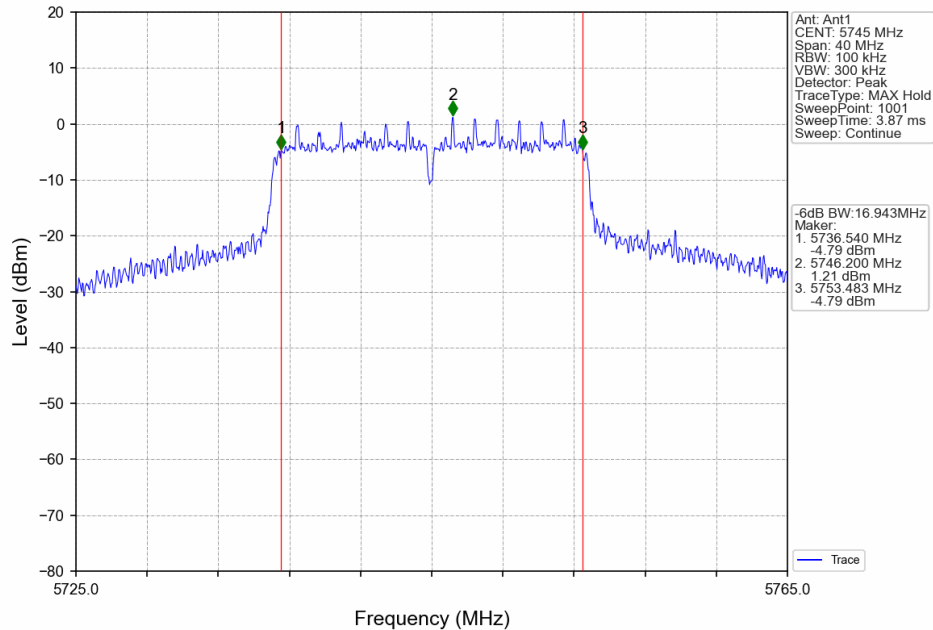
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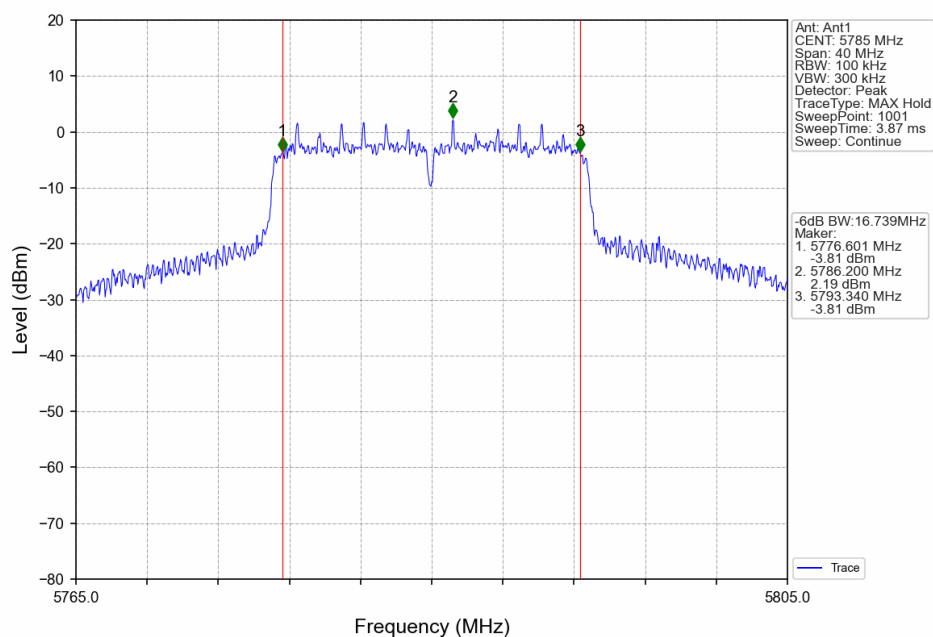
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802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



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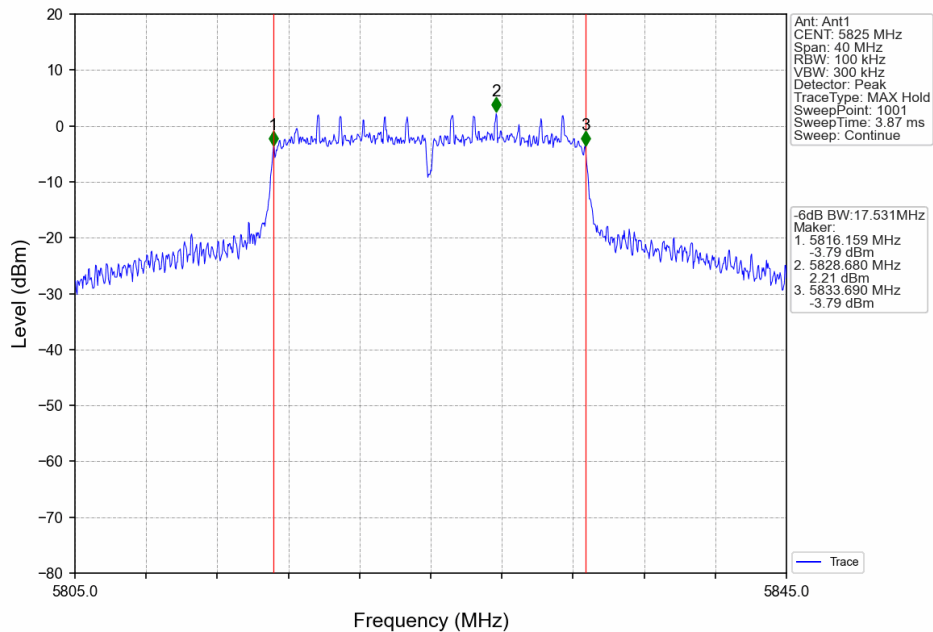
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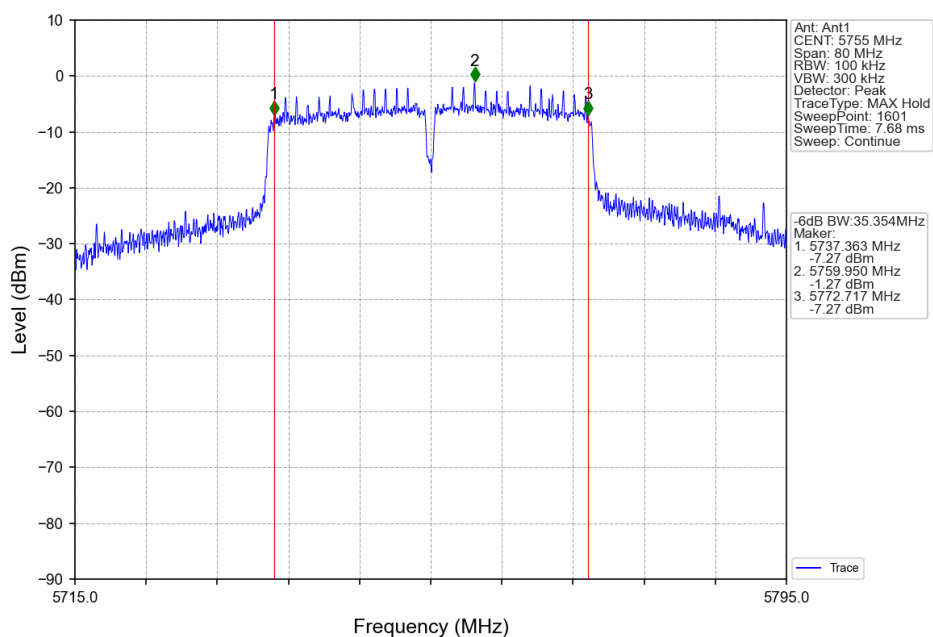
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802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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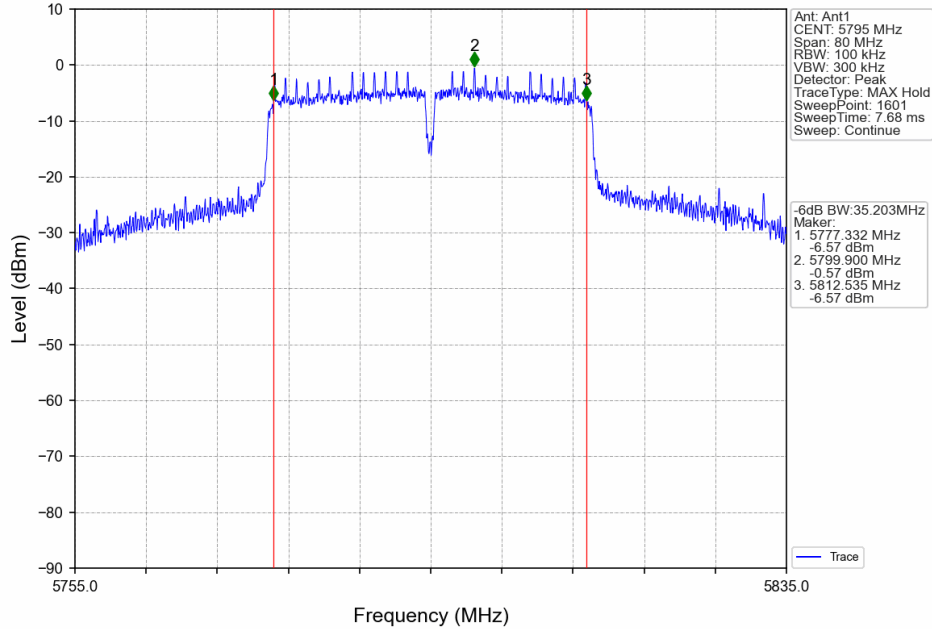
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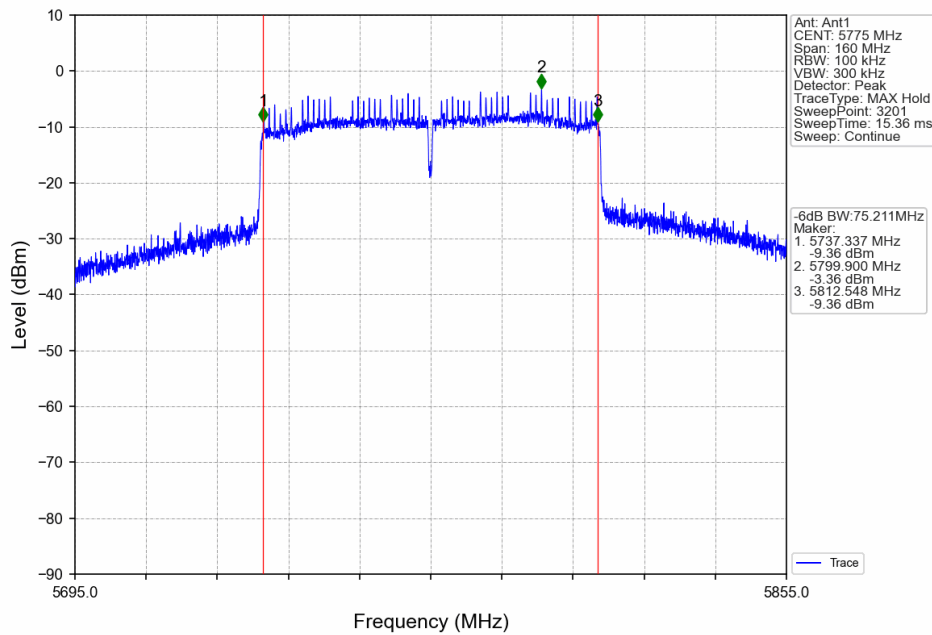
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802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	27.591	Pass
		5200	1	29.793	Pass
		5240	1	31.445	Pass
		5260	1	31.011	Pass
		5300	1	30.205	Pass
		5320	1	32.883	Pass
		5500	1	32.335	Pass
		5580	1	37.191	Pass
		5700	1	36.863	Pass
802.11n (HT20)	SISO	5180	1	29.024	Pass
		5200	1	30.530	Pass
		5240	1	31.713	Pass
		5260	1	30.599	Pass
		5300	1	34.963	Pass
		5320	1	36.068	Pass
		5500	1	34.107	Pass
		5580	1	39.053	Pass
		5700	1	39.580	Pass
802.11n (HT40)	SISO	5190	1	65.398	Pass
		5230	1	70.903	Pass
		5270	1	70.397	Pass
		5310	1	74.326	Pass
		5510	1	82.182	Pass
		5550	1	82.169	Pass
		5670	1	84.051	Pass
802.11ac (VHT20)	SISO	5180	1	32.614	Pass
		5200	1	30.734	Pass
		5240	1	32.917	Pass
		5260	1	36.550	Pass
		5300	1	34.149	Pass
		5320	1	37.649	Pass
		5500	1	35.539	Pass



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		5580	1	39.687	Pass
		5700	1	40.233	Pass
802.11ac (VHT40)	SISO	5190	1	64.698	Pass
		5230	1	70.541	Pass
		5270	1	74.675	Pass
		5310	1	75.135	Pass
		5510	1	81.250	Pass
		5550	1	83.386	Pass
		5670	1	82.555	Pass
802.11ac (VHT80)	SISO	5210	1	156.450	Pass
		5290	1	148.647	Pass
		5530	1	178.240	Pass
		5610	1	168.671	Pass



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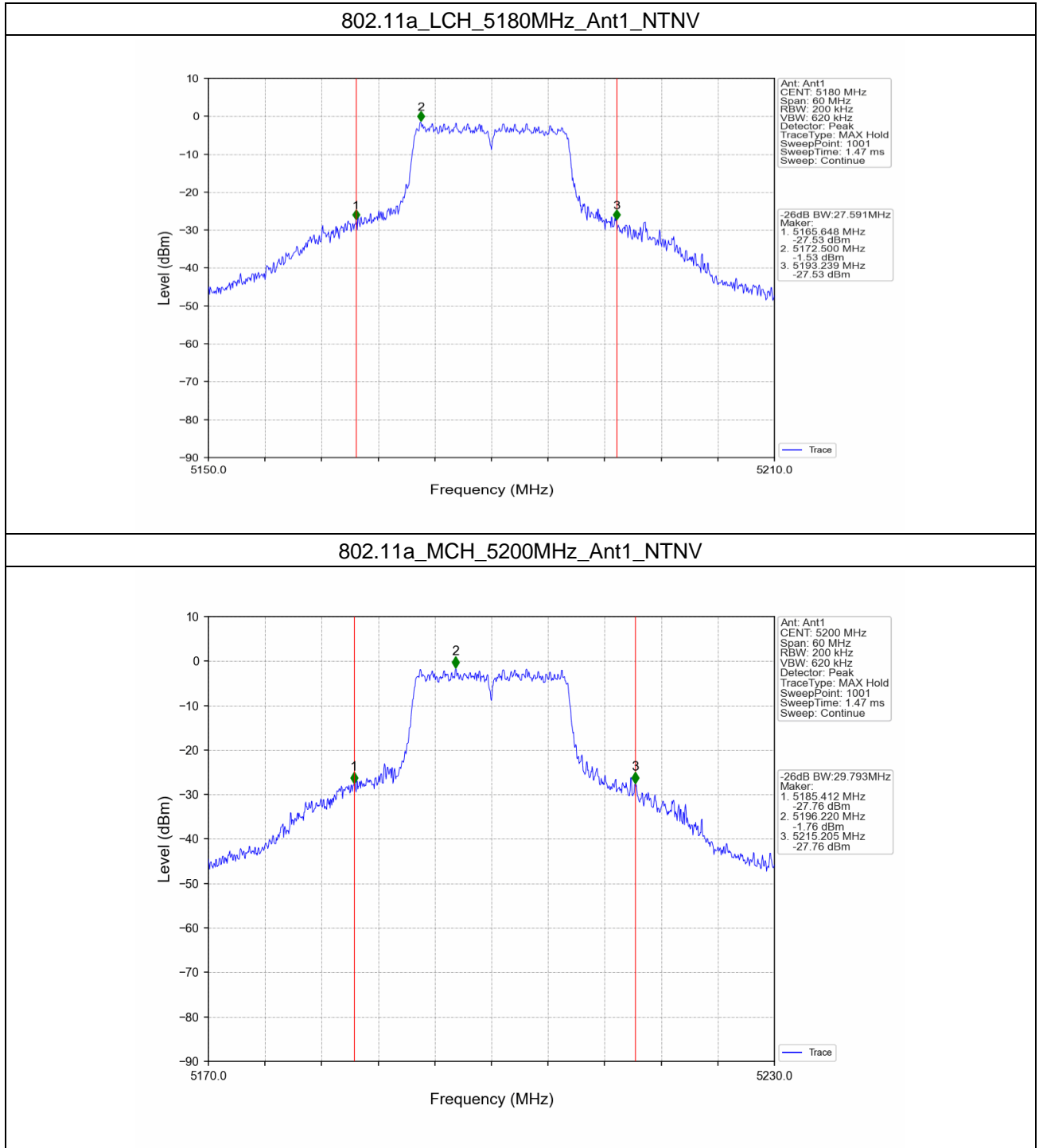
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2.3.2 Test Graph



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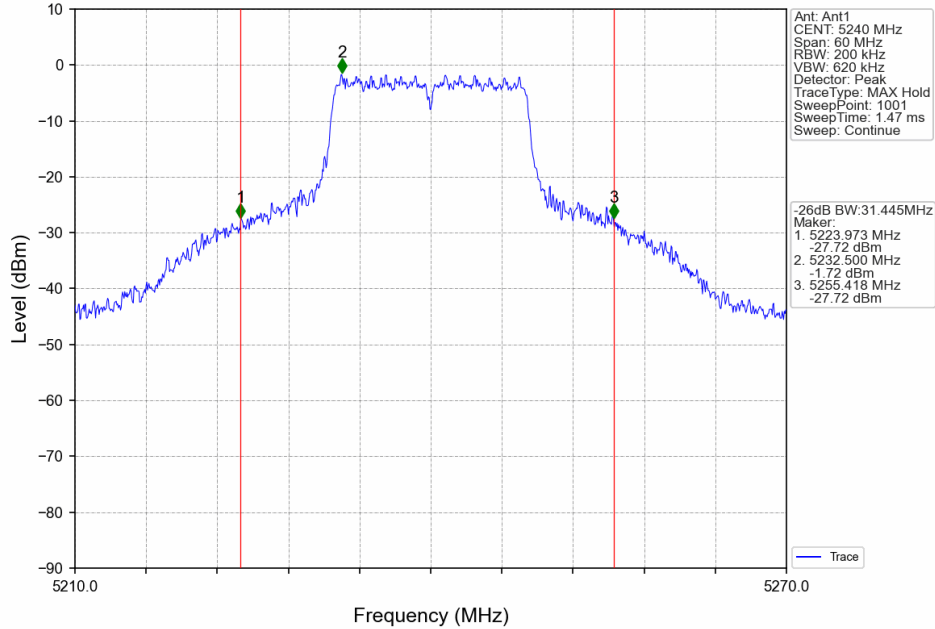
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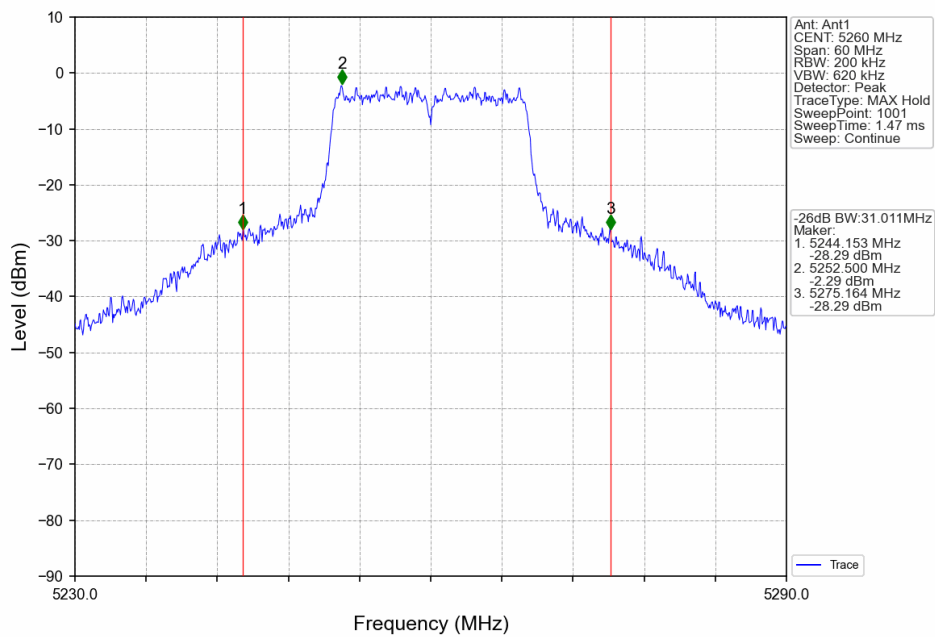
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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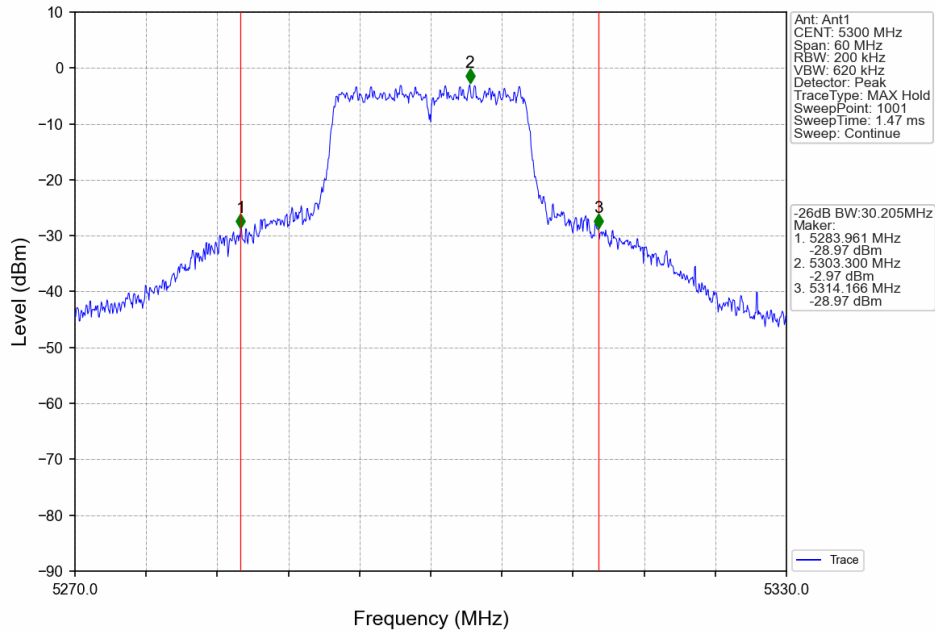
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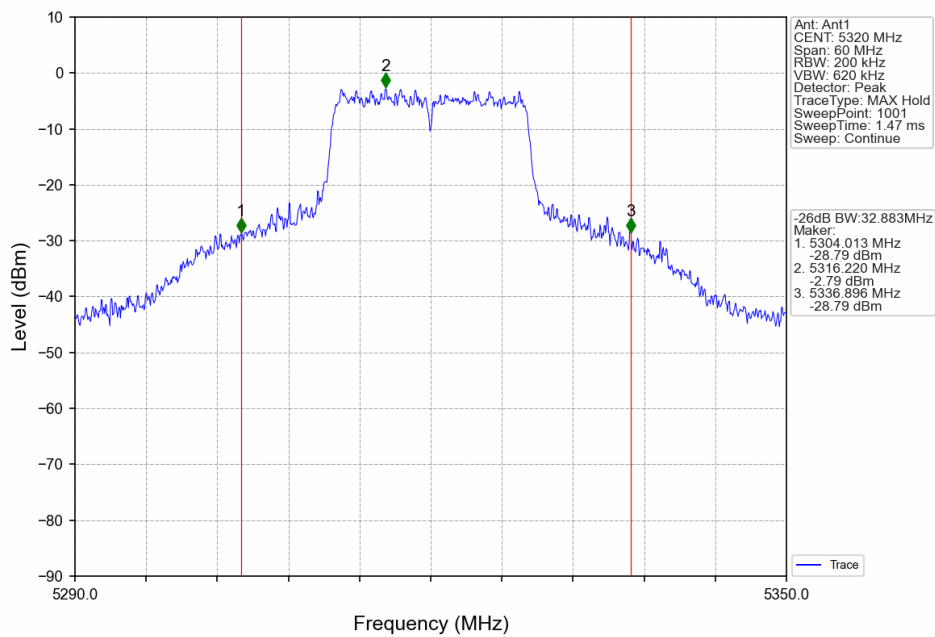
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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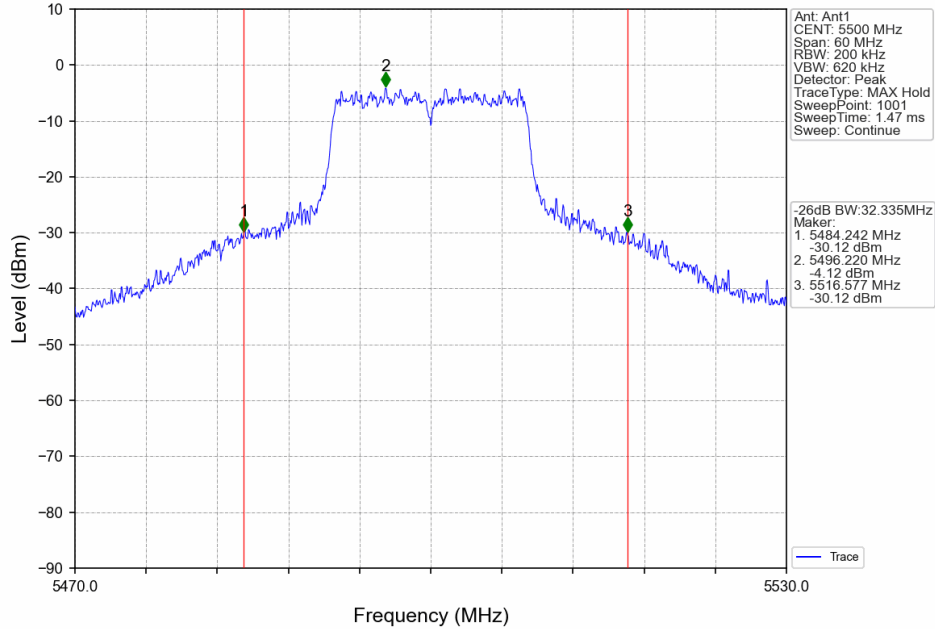
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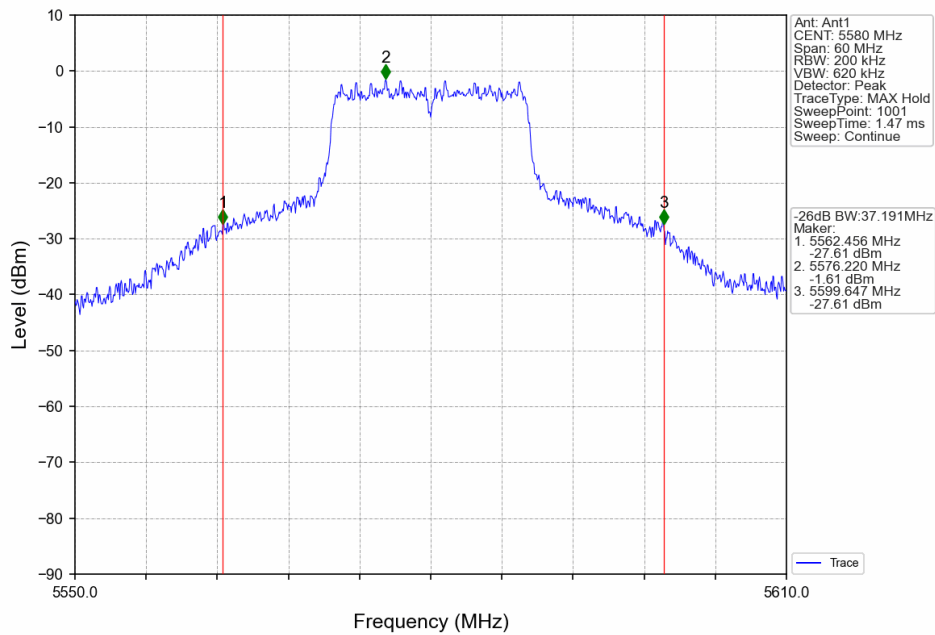
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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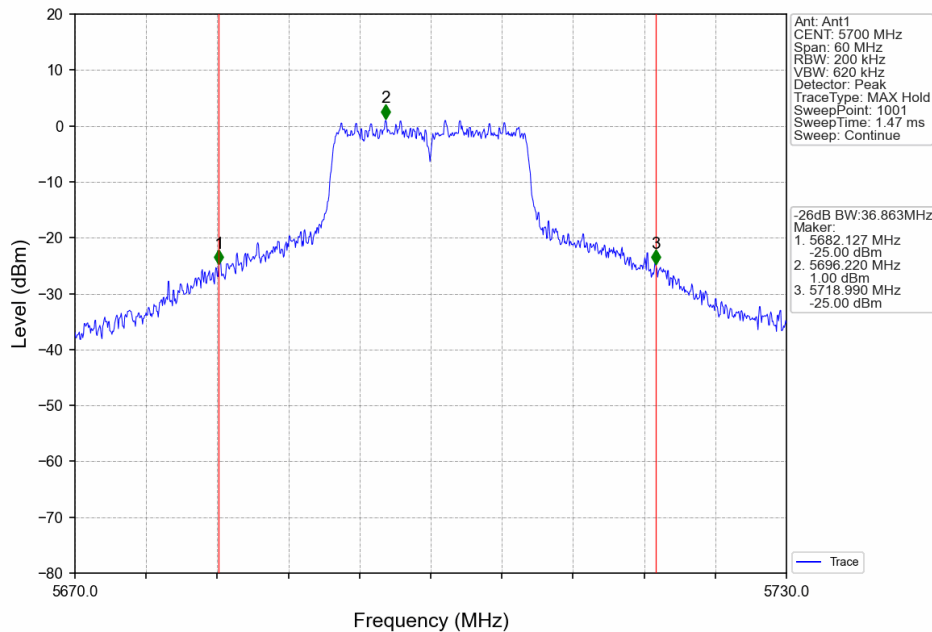
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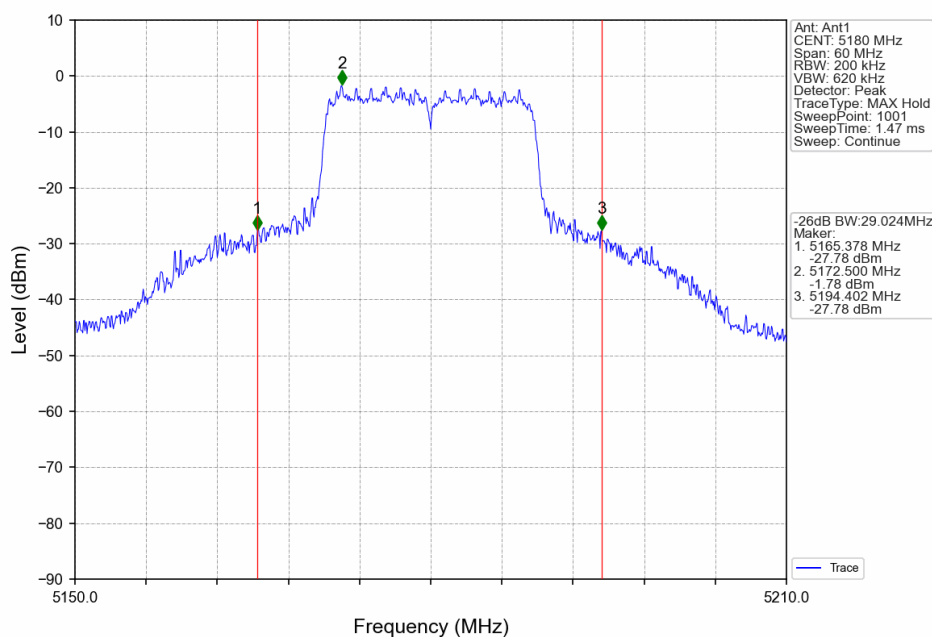
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802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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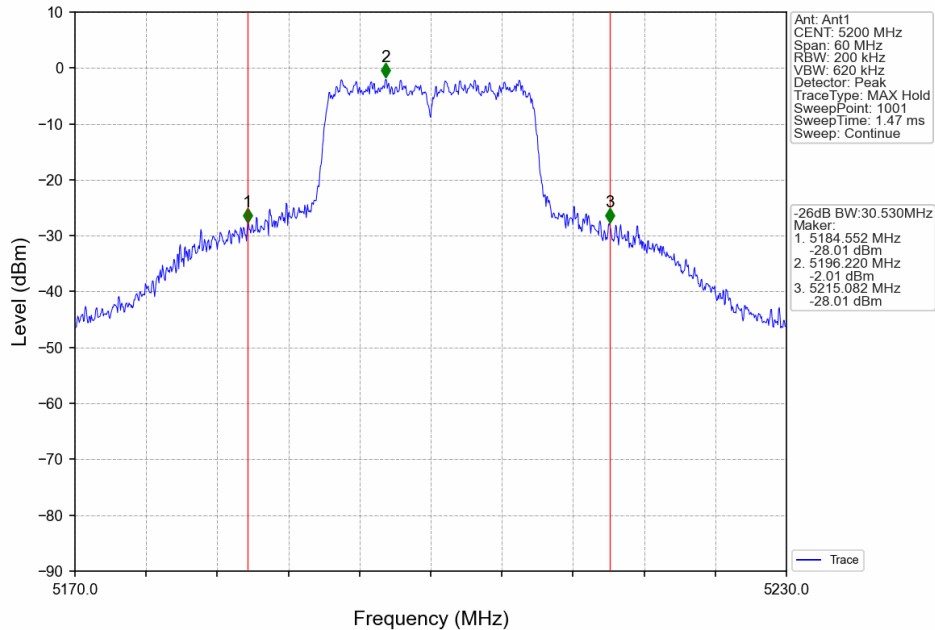
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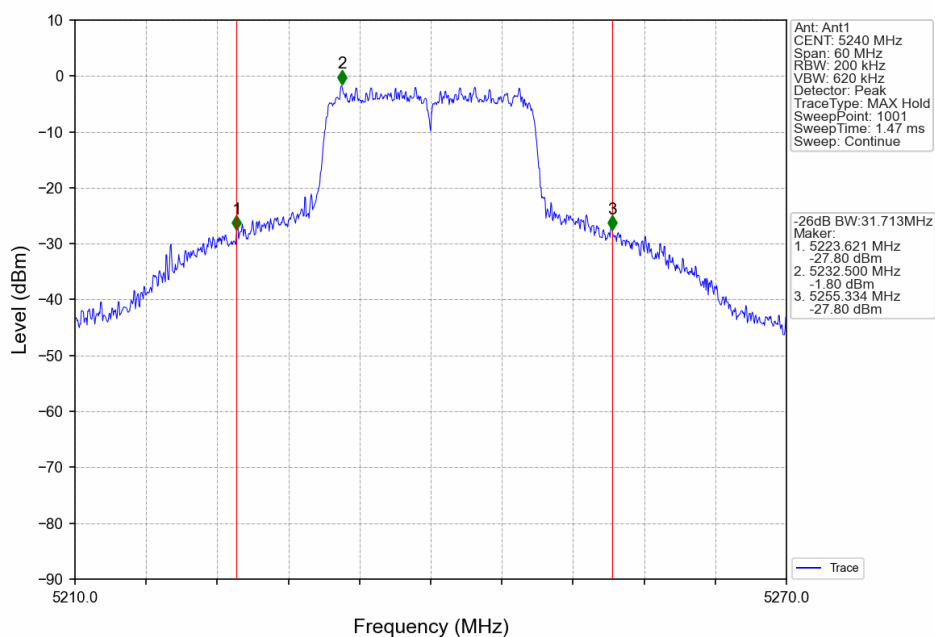
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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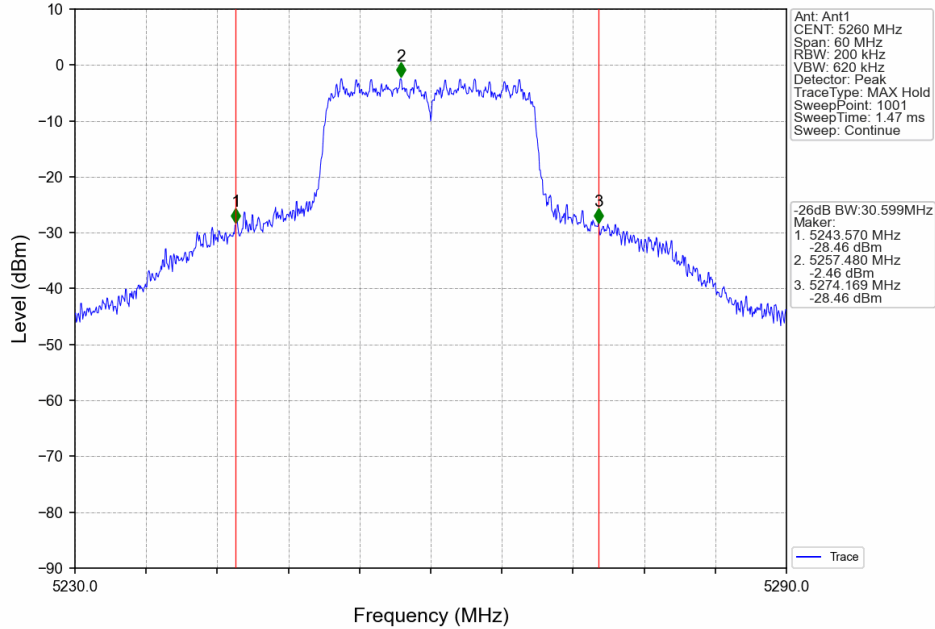
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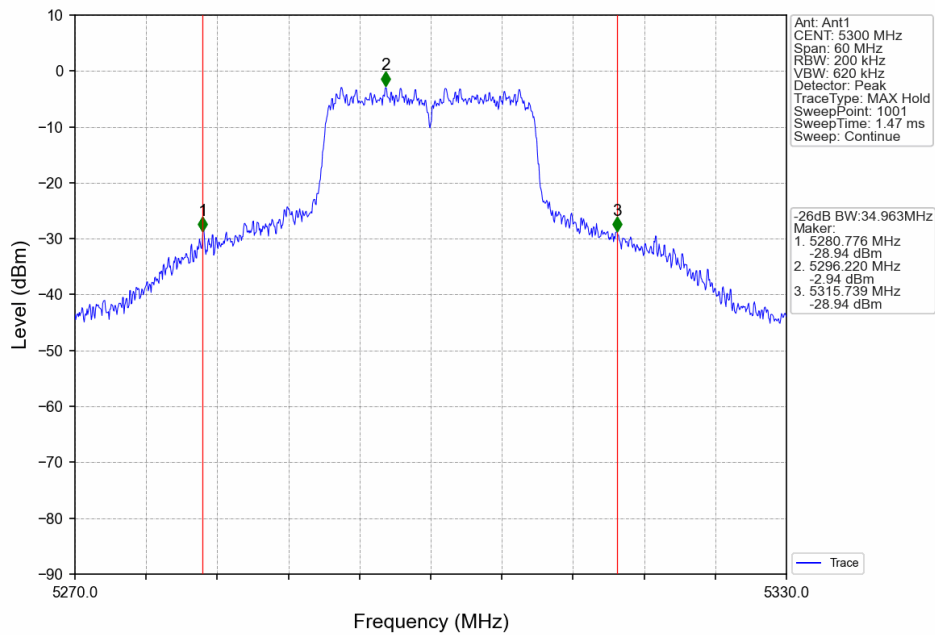
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802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



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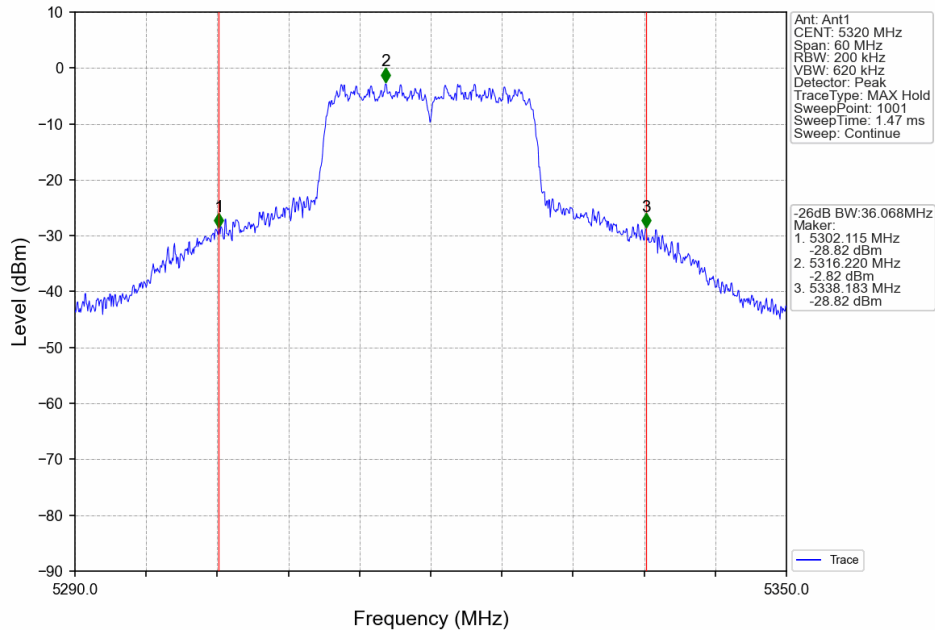
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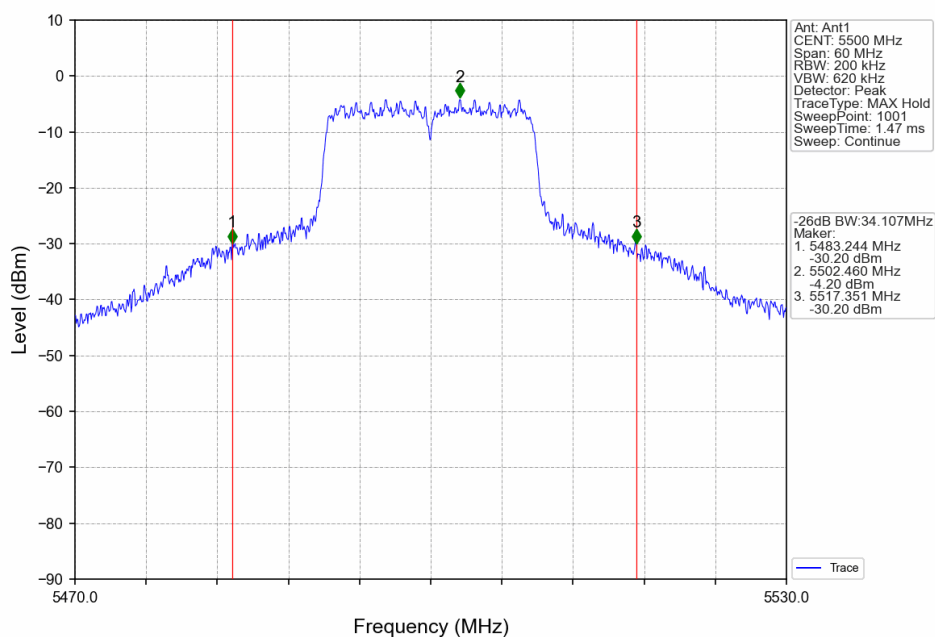
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802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



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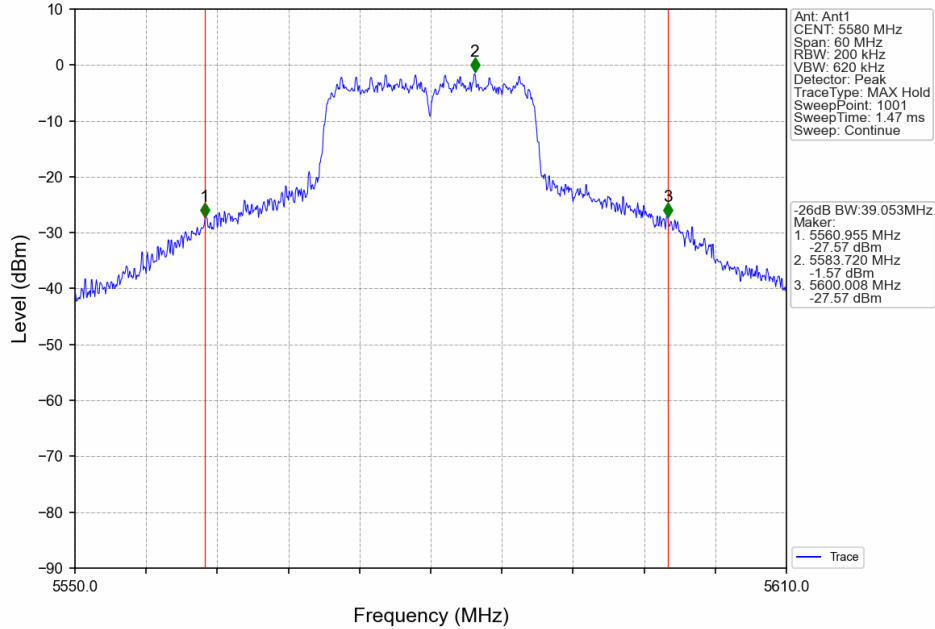
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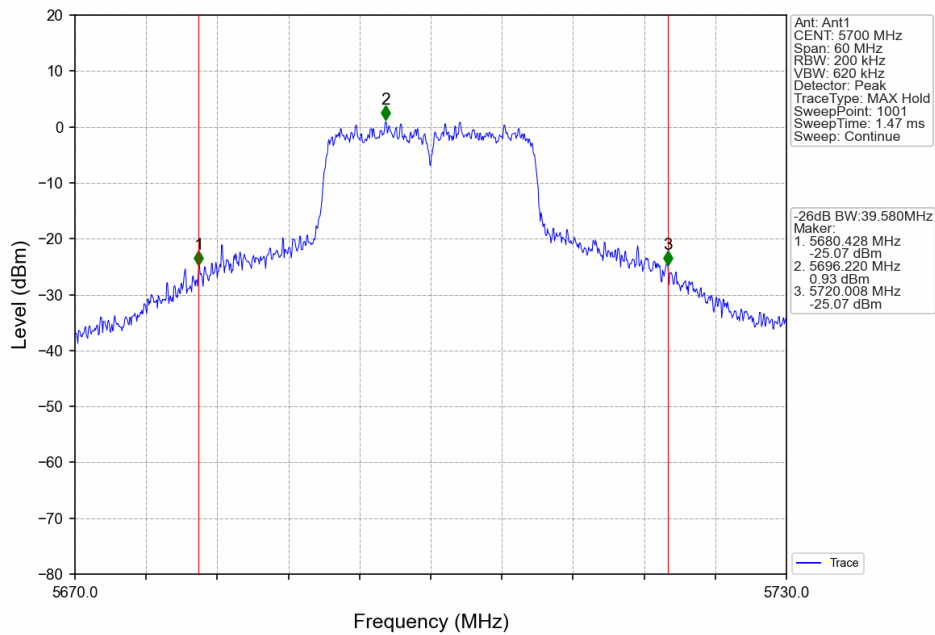
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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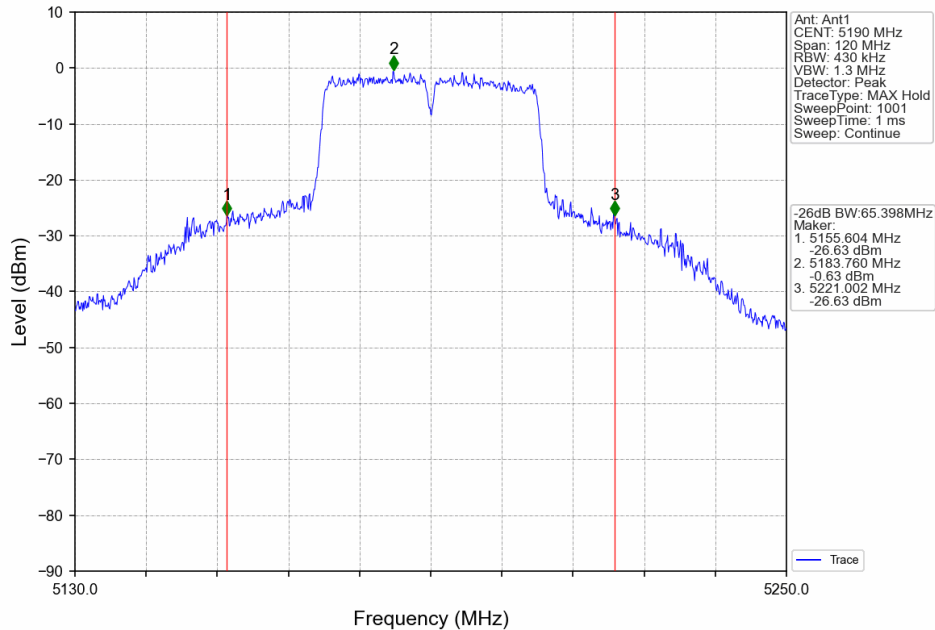
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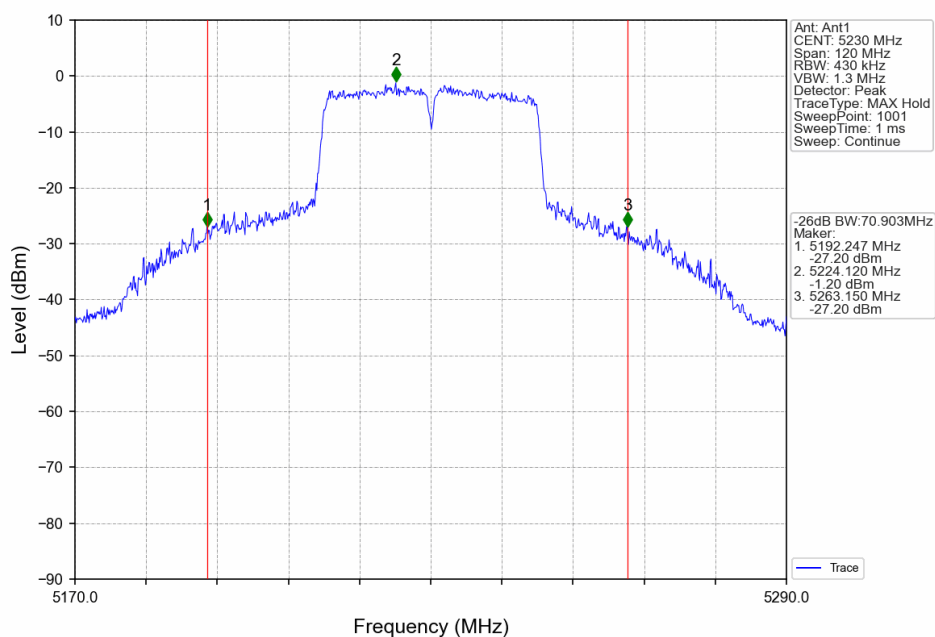
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802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



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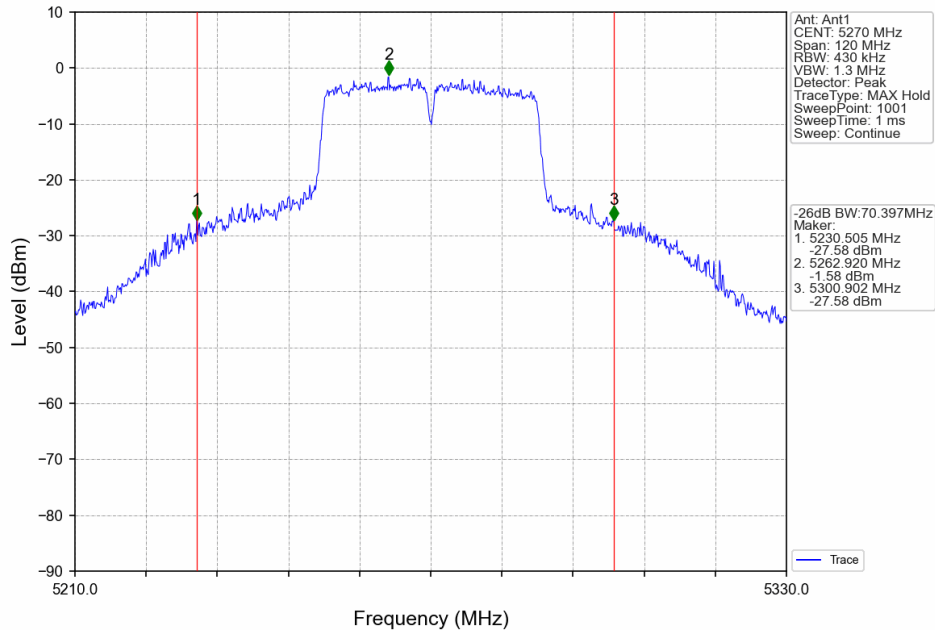
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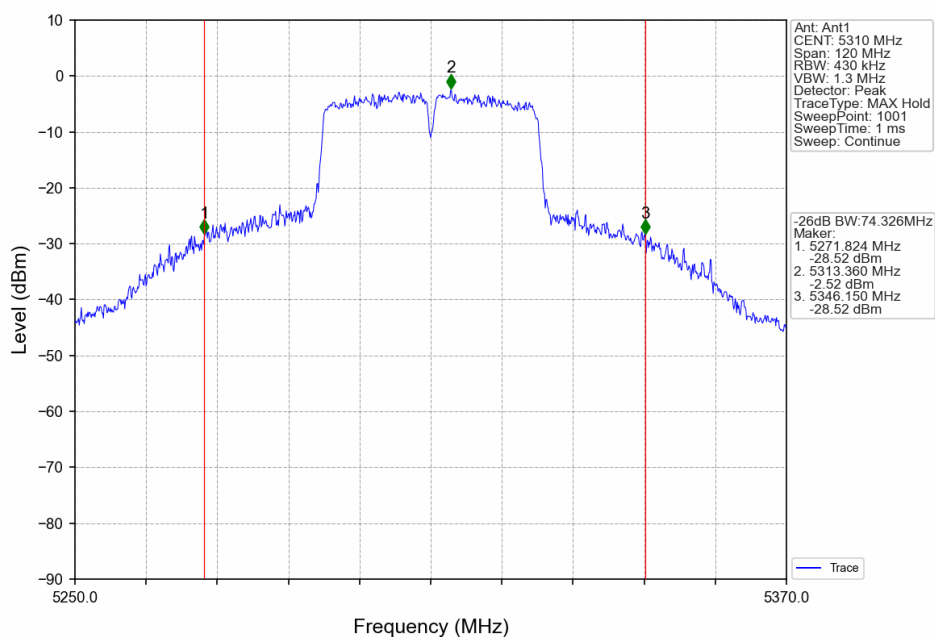
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802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



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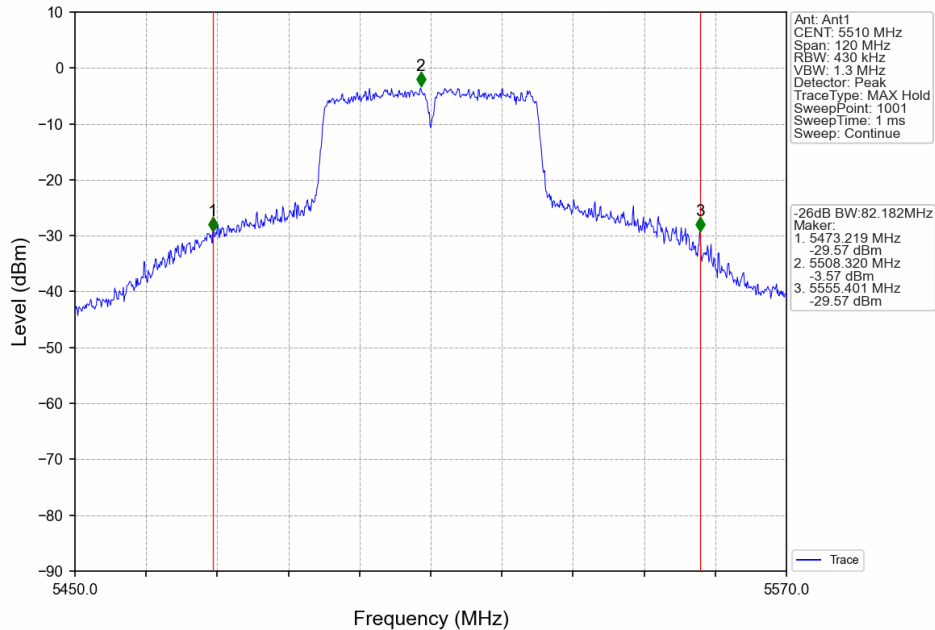
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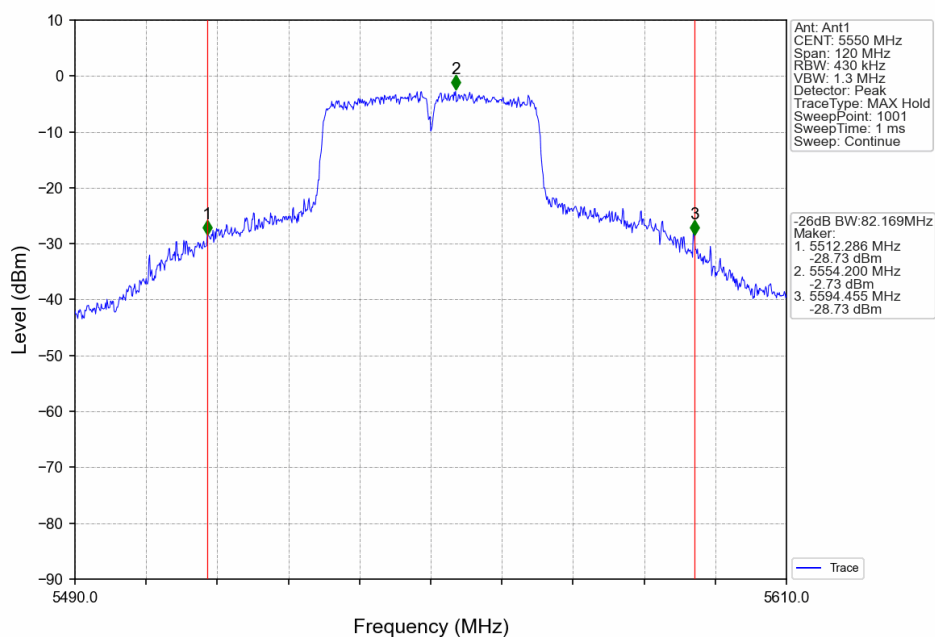
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



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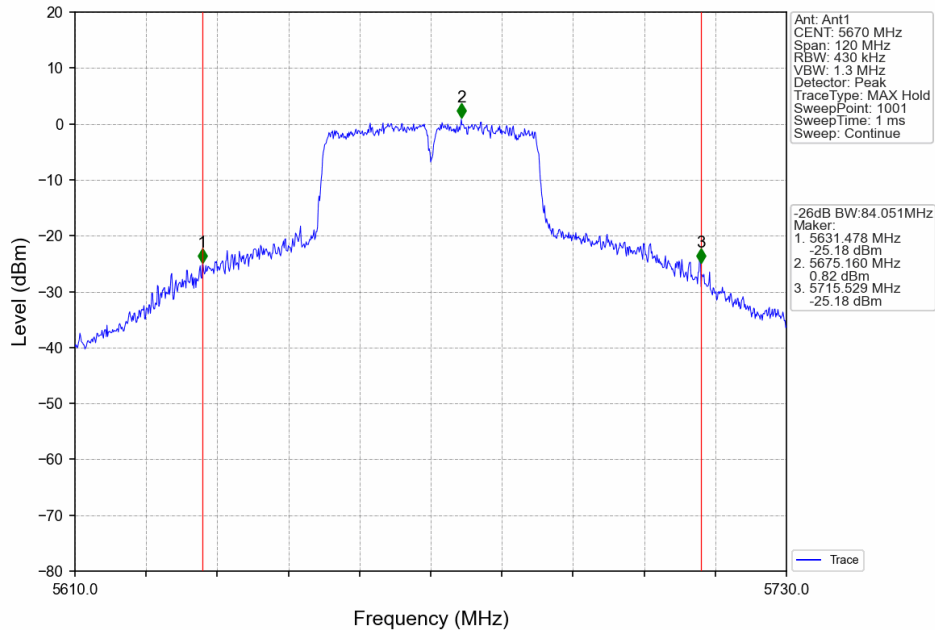
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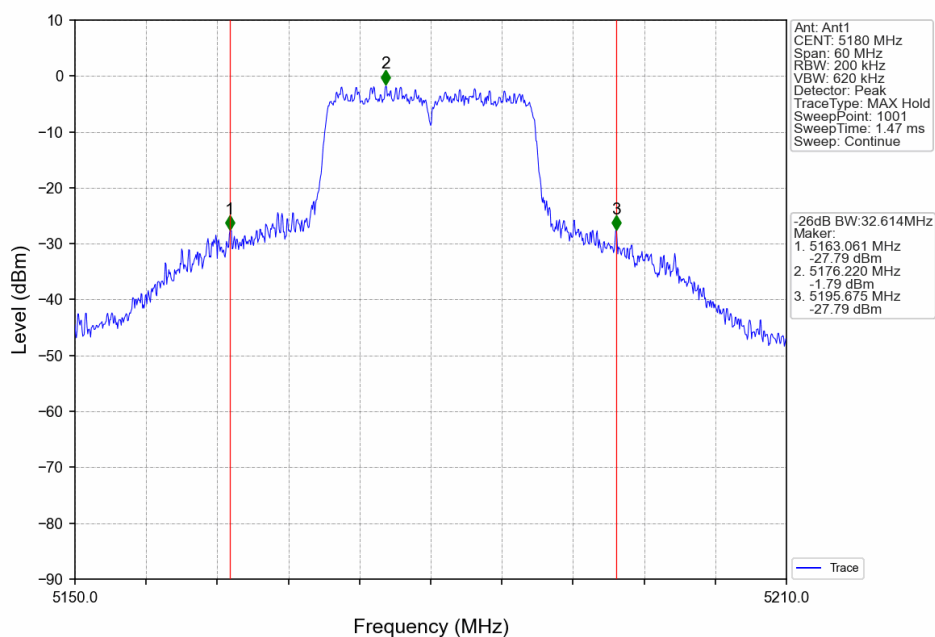
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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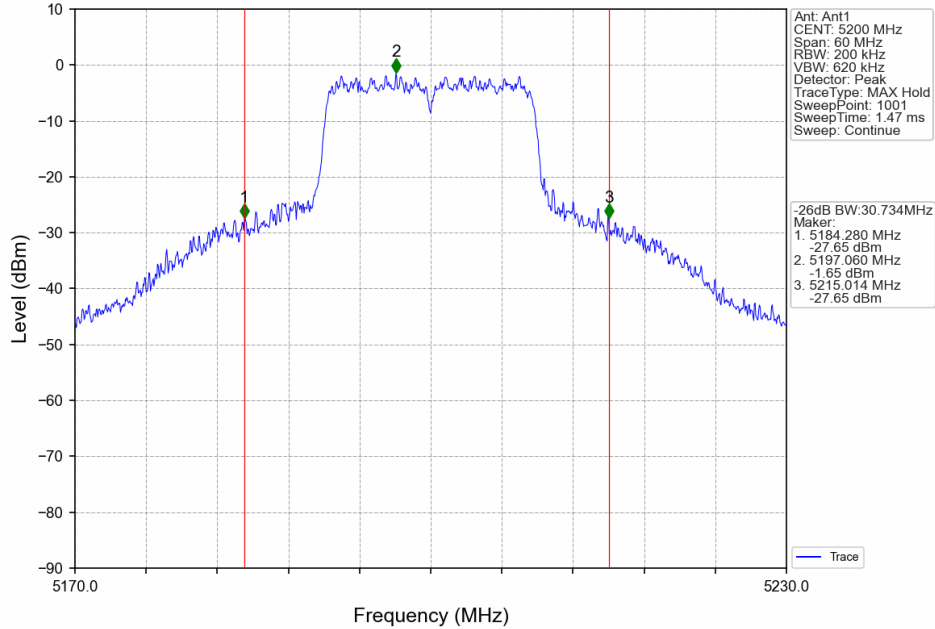
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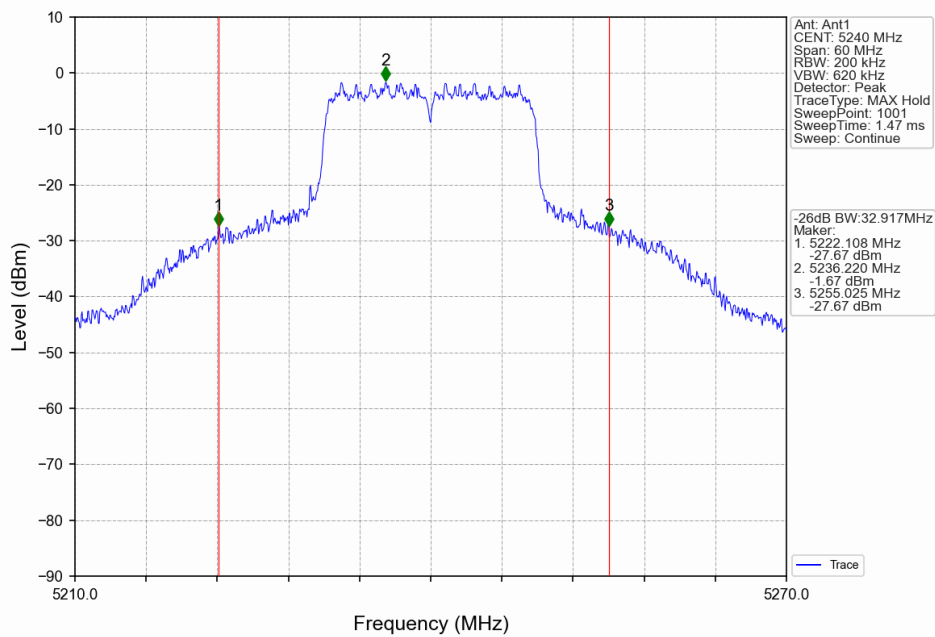
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802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



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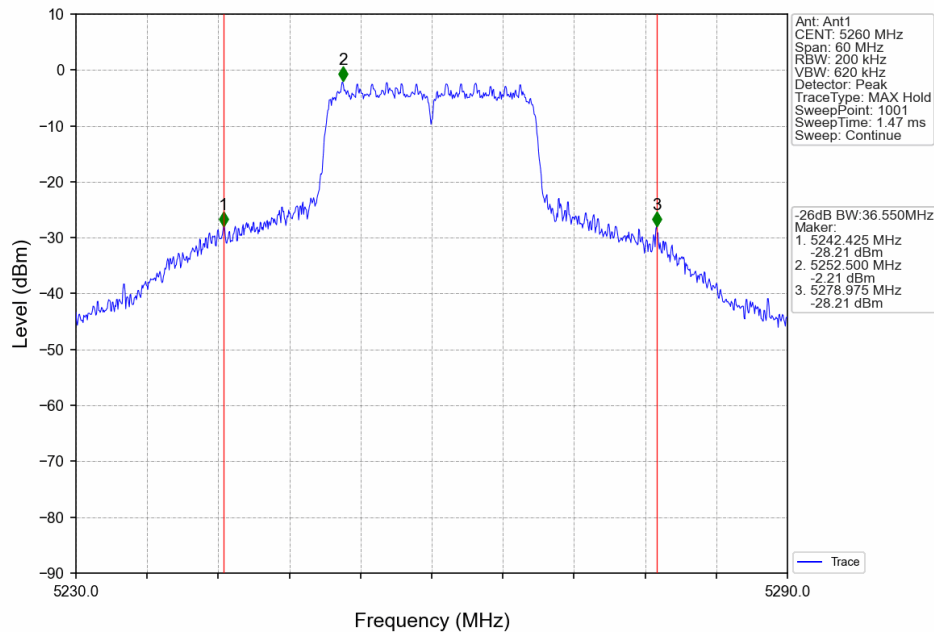
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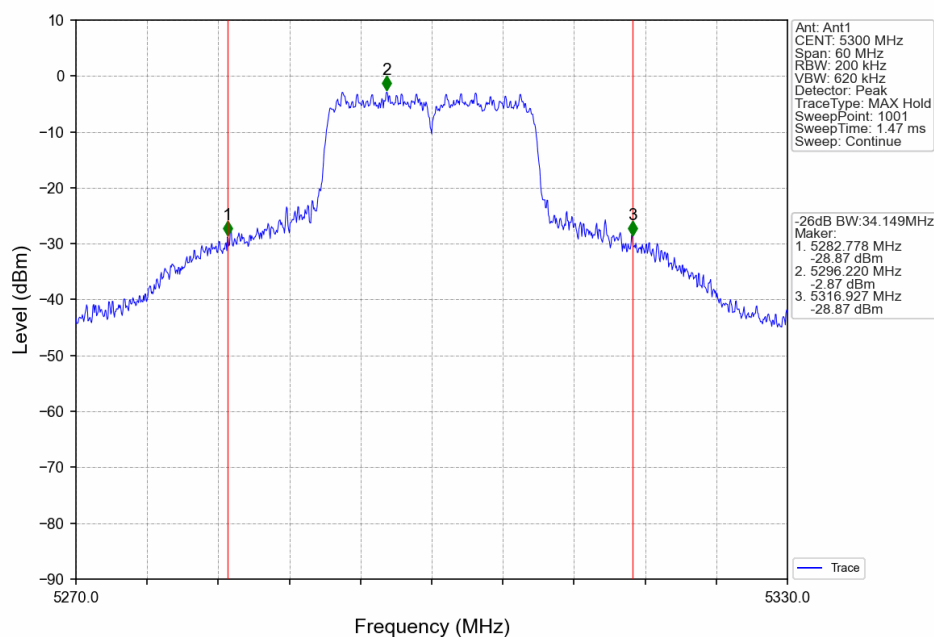
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802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



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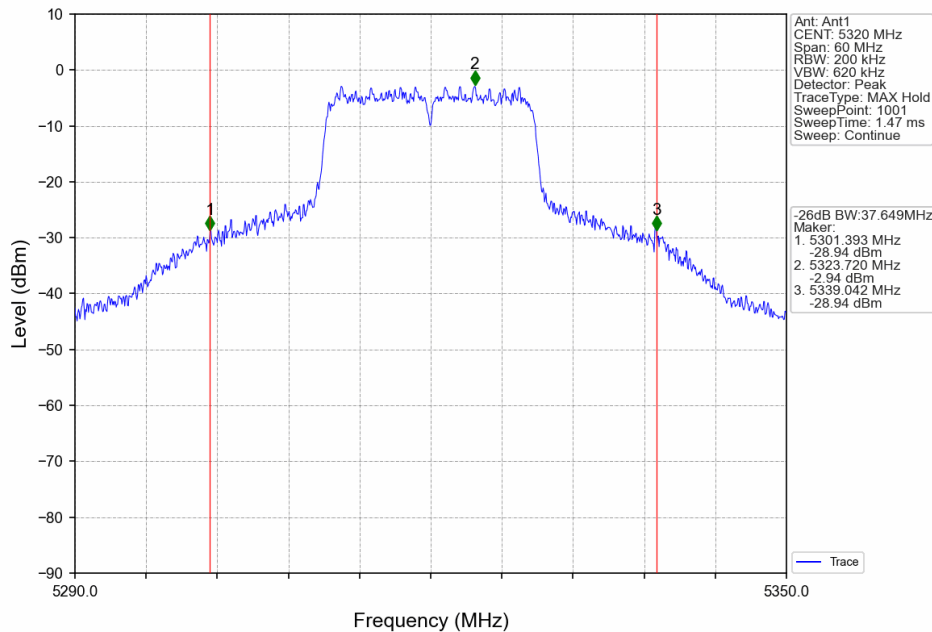
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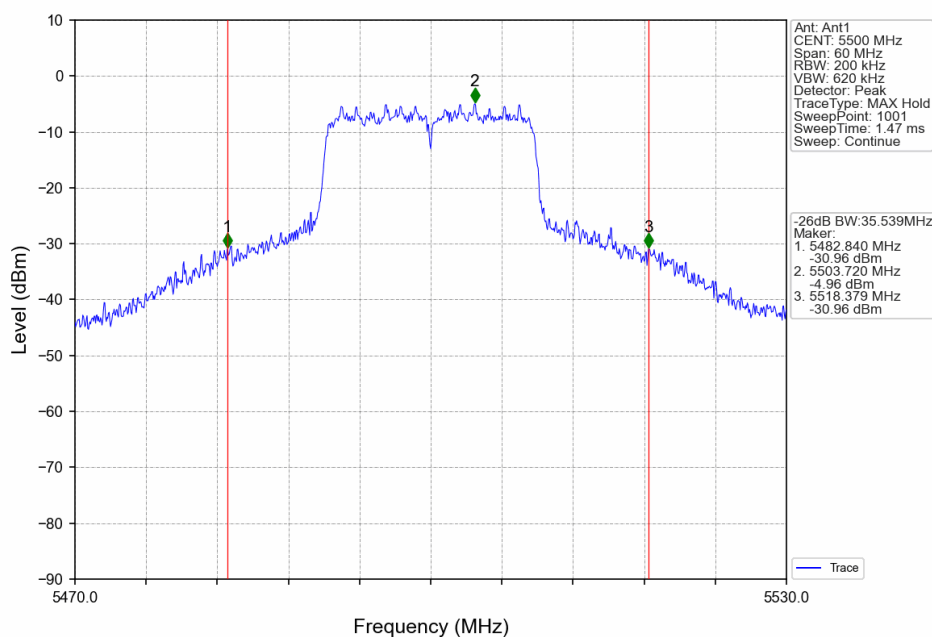
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802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



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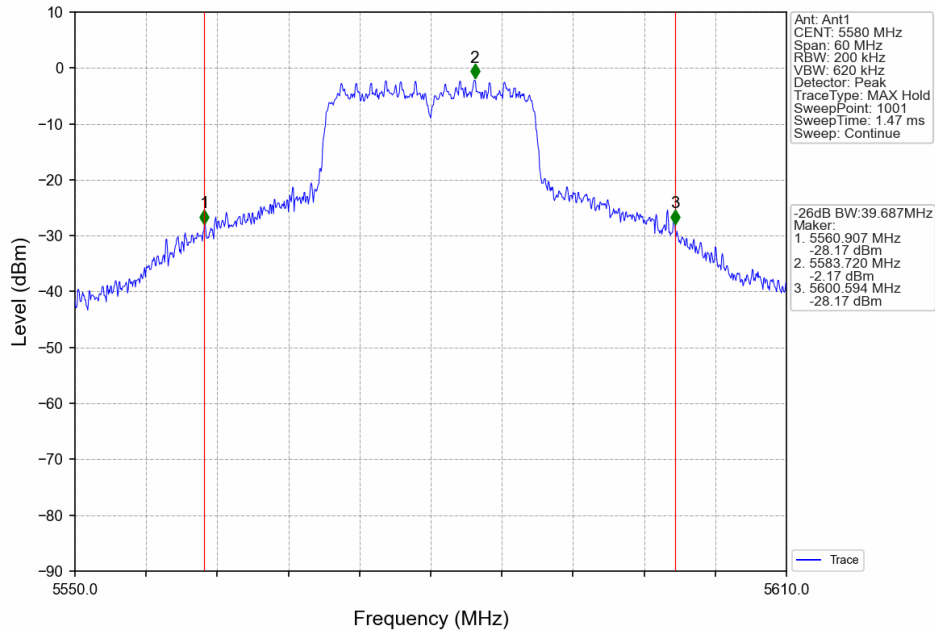
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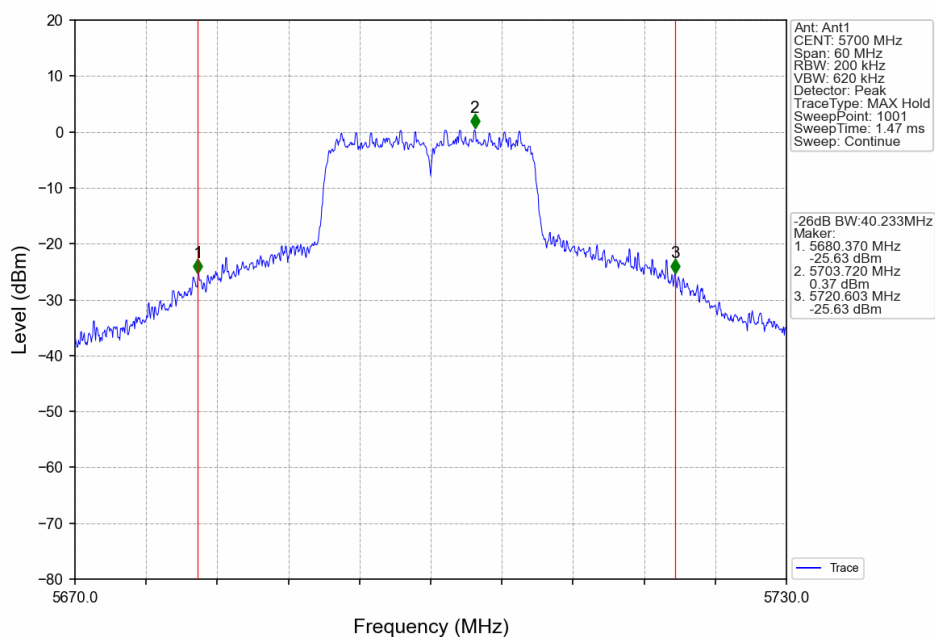
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802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



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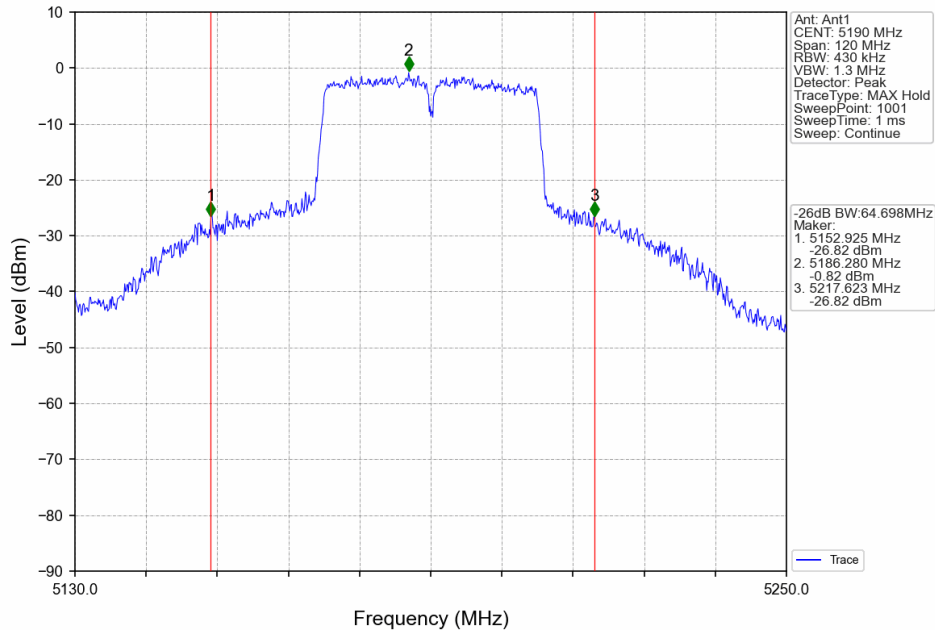
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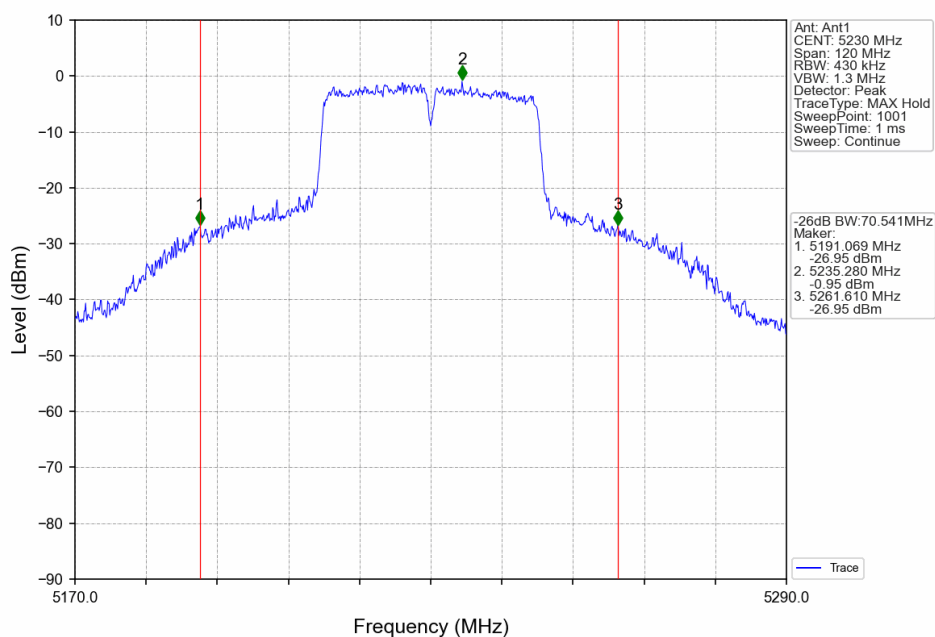
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802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



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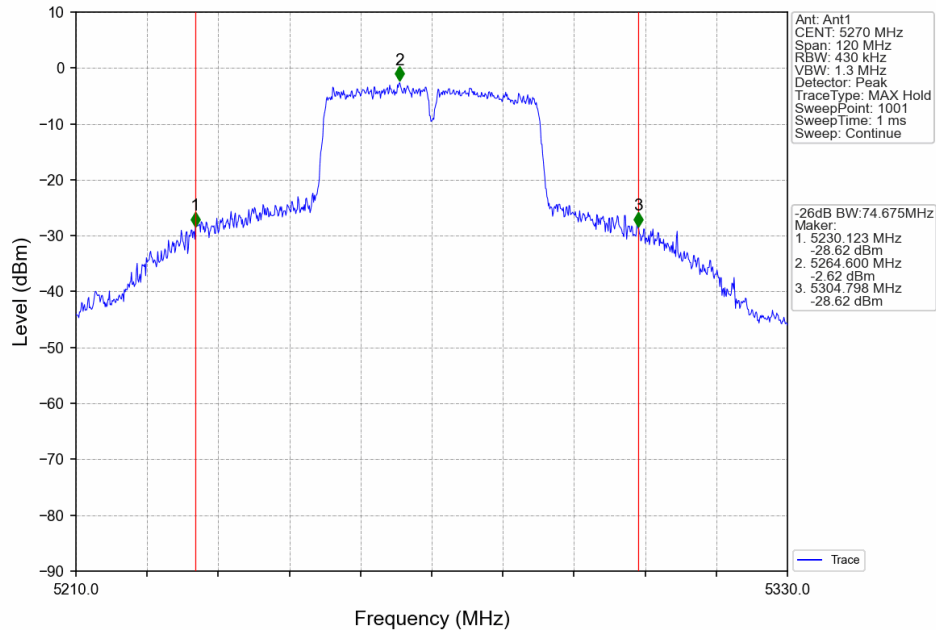
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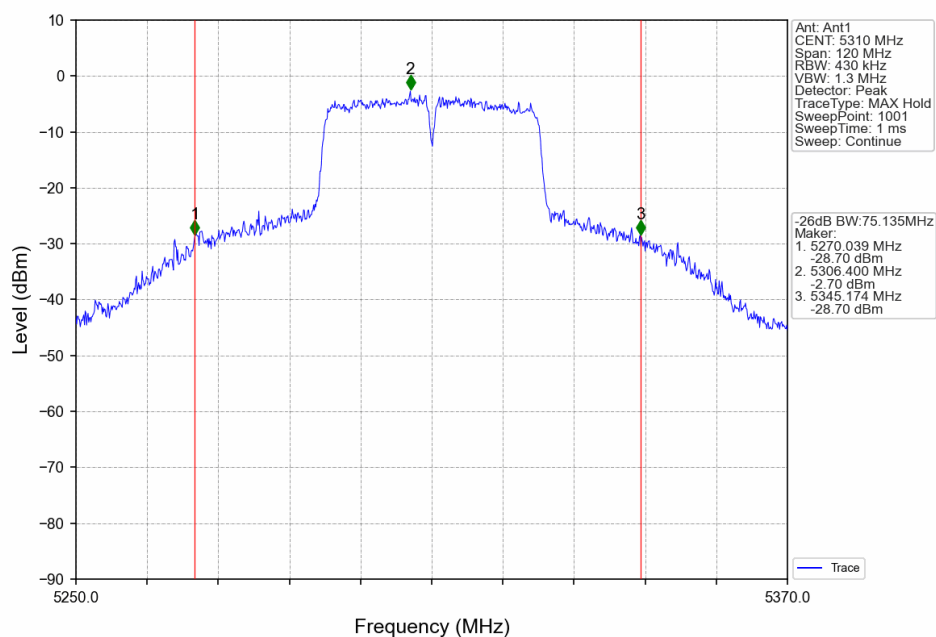
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802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



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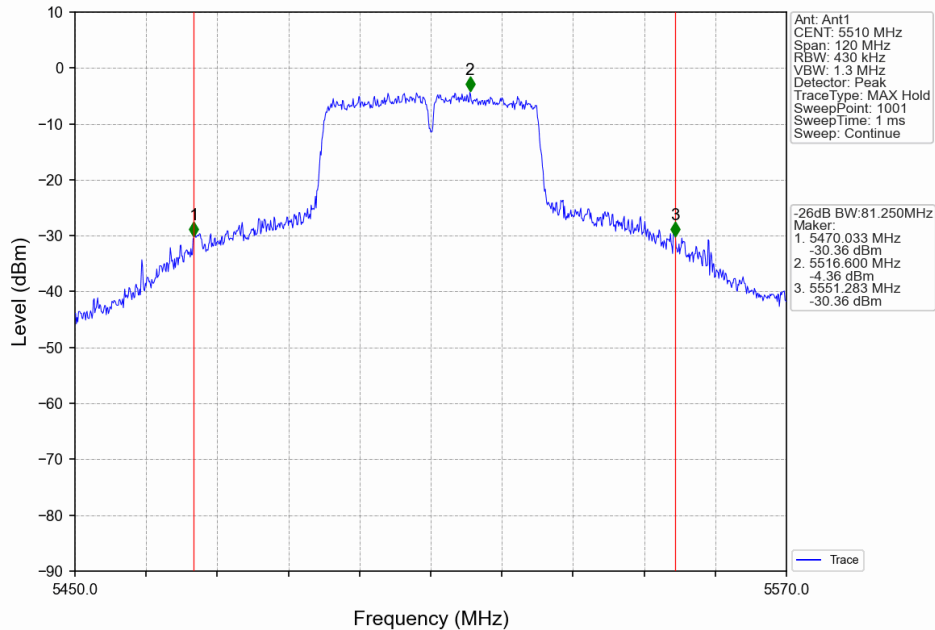
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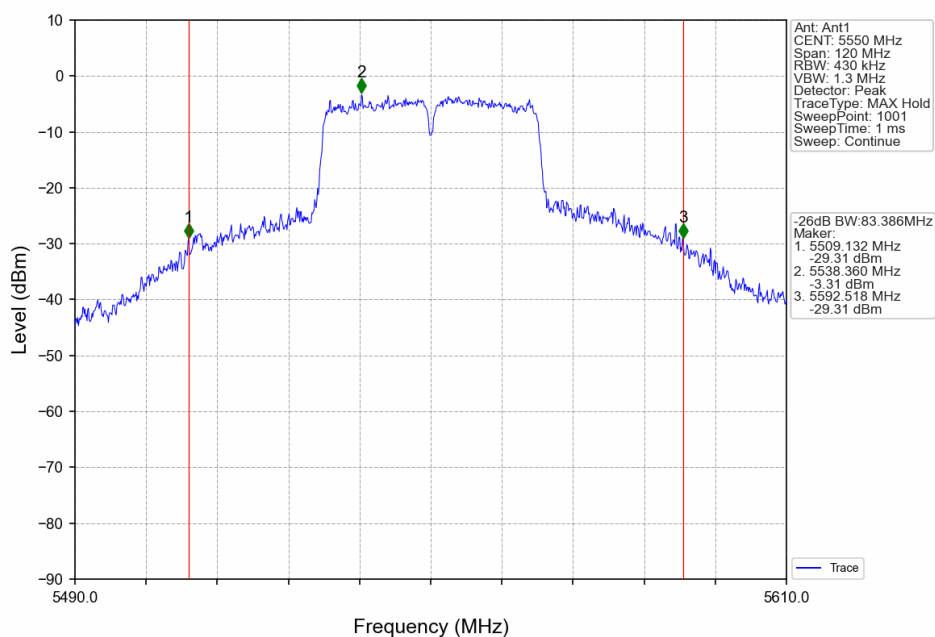
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802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



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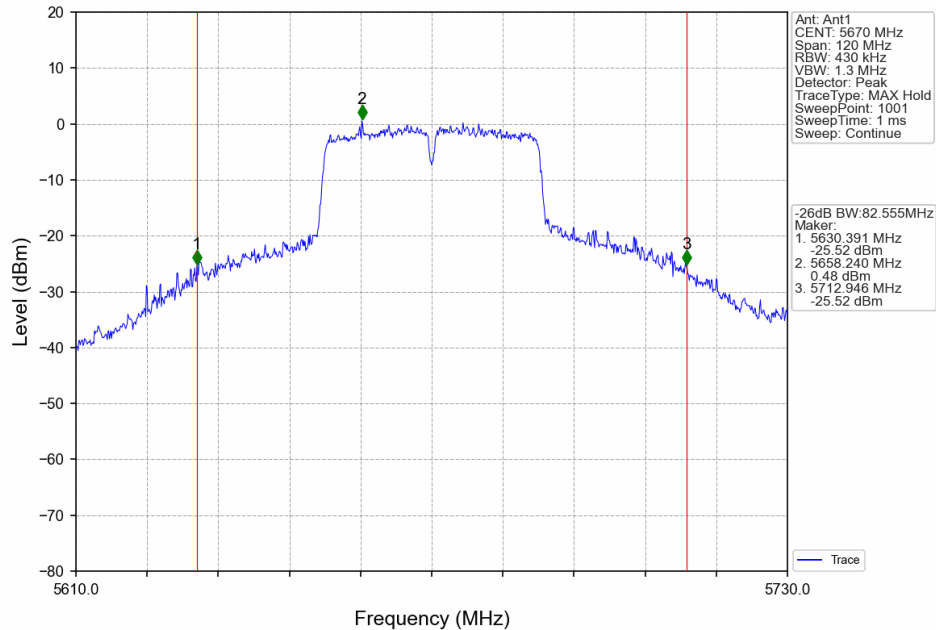
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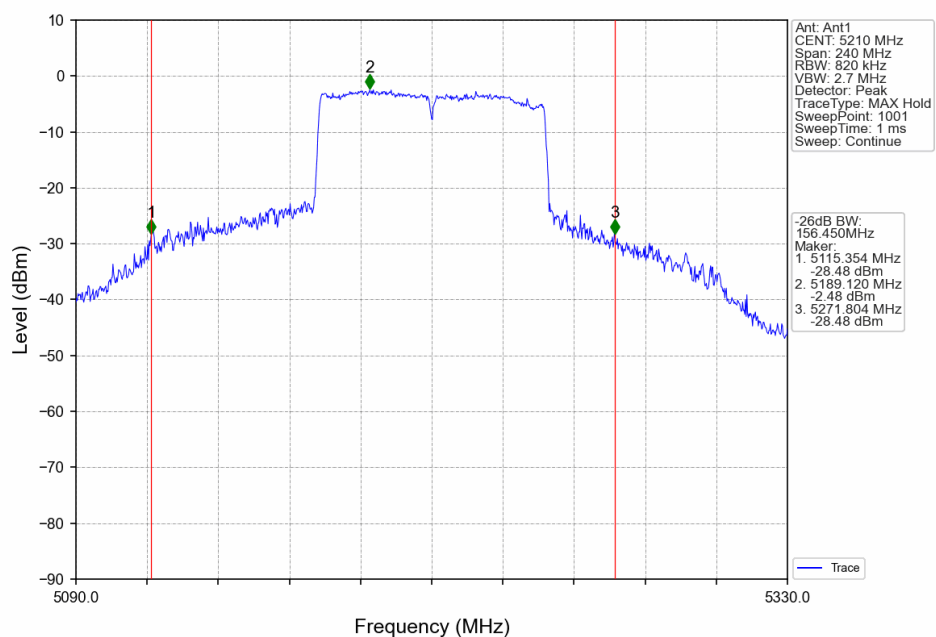
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802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



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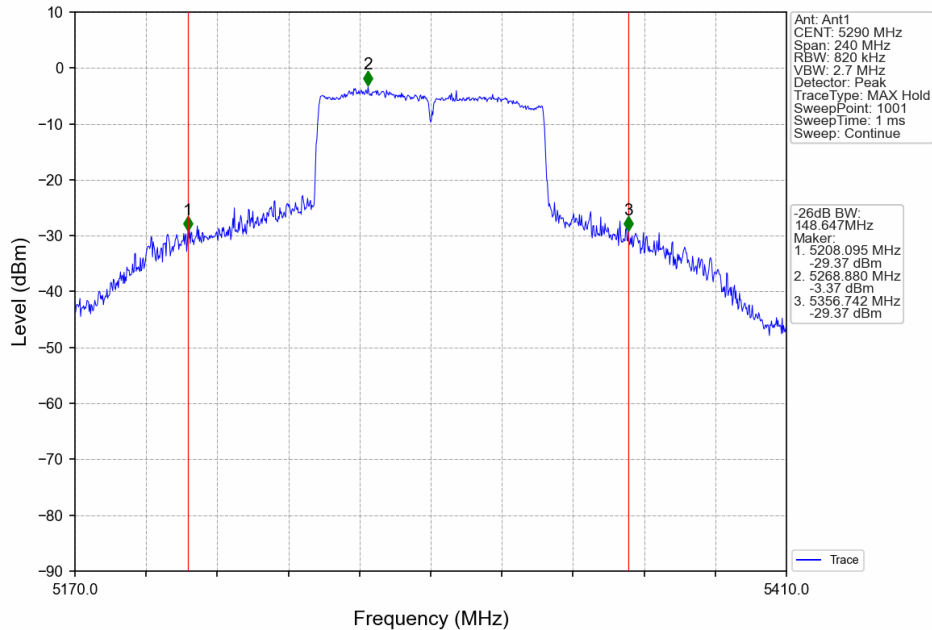
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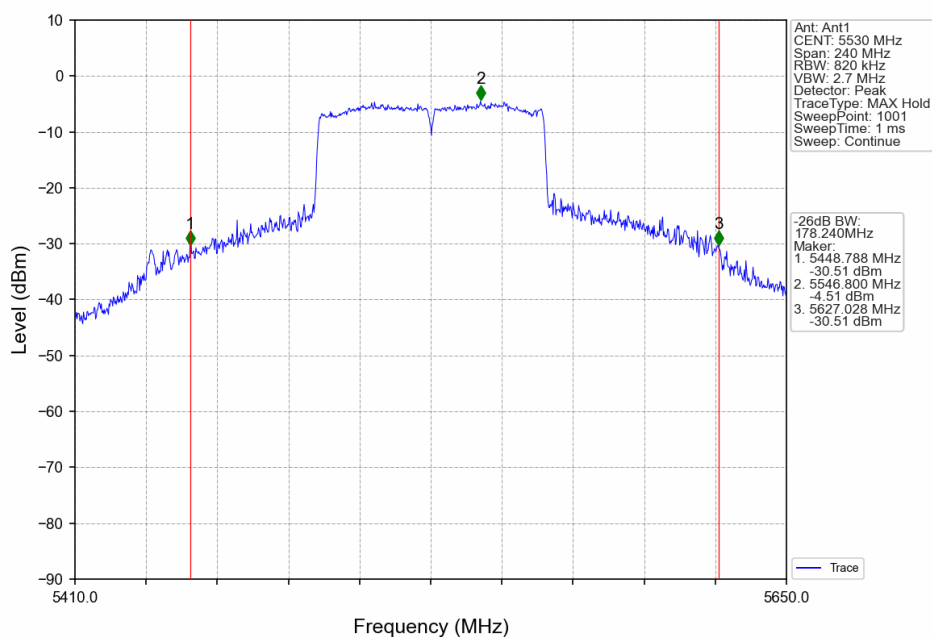
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802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



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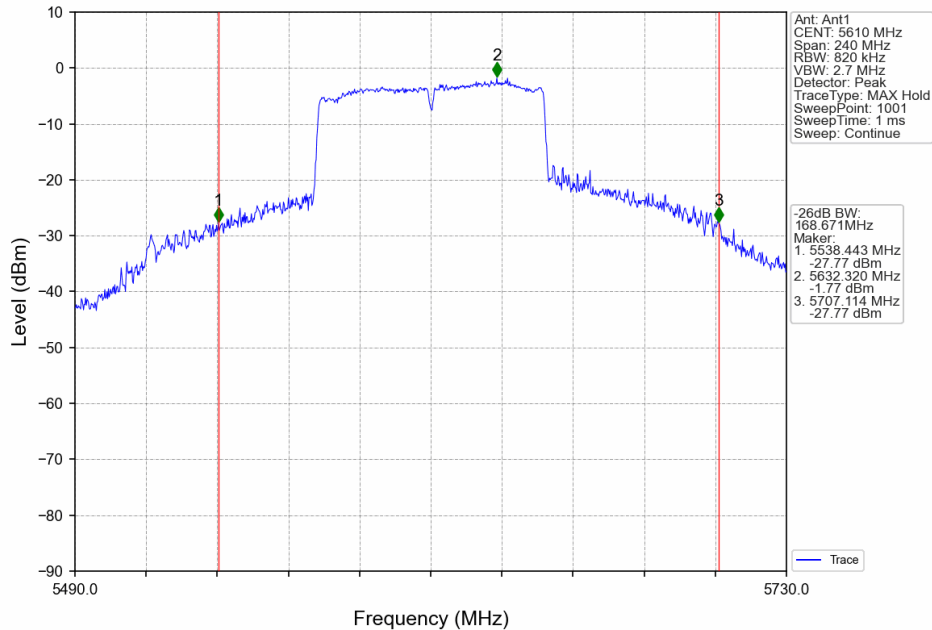
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802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	8.30	<=23.98	Pass
		5200	8.02	<=23.98	Pass
		5240	8.14	<=23.98	Pass
		5260	7.58	<=23.98	Pass
		5300	6.95	<=23.98	Pass
		5320	6.89	<=23.98	Pass
		5500	5.65	<=23.98	Pass
		5580	8.00	<=23.98	Pass
		5700	10.68	<=23.98	Pass
		5745	11.84	<=30	Pass
		5785	12.60	<=30	Pass
		5825	13.02	<=30	Pass
802.11n (HT20)	SISO	5180	8.10	<=23.98	Pass
		5200	7.87	<=23.98	Pass
		5240	8.04	<=23.98	Pass
		5260	7.60	<=23.98	Pass
		5300	6.91	<=23.98	Pass
		5320	6.96	<=23.98	Pass
		5500	5.66	<=23.98	Pass
		5580	7.97	<=23.98	Pass
		5700	10.60	<=23.98	Pass
		5745	11.85	<=30	Pass
		5785	12.65	<=30	Pass
		5825	12.89	<=30	Pass
802.11n (HT40)	SISO	5190	8.83	<=23.98	Pass
		5230	8.69	<=23.98	Pass
		5270	7.93	<=23.98	Pass
		5310	7.42	<=23.98	Pass
		5510	6.57	<=23.98	Pass
		5550	7.45	<=23.98	Pass
		5670	10.71	<=23.98	Pass



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802.11ac (VHT20)	SISO	5755	12.39	<=30	Pass
		5795	13.04	<=30	Pass
		5180	8.27	<=23.98	Pass
		5200	7.95	<=23.98	Pass
		5240	8.14	<=23.98	Pass
		5260	7.68	<=23.98	Pass
		5300	6.98	<=23.98	Pass
		5320	6.91	<=23.98	Pass
		5500	4.71	<=23.98	Pass
		5580	7.24	<=23.98	Pass
		5700	9.94	<=23.98	Pass
		5745	11.44	<=30	Pass
		5785	12.36	<=30	Pass
		5825	12.74	<=30	Pass
802.11ac (VHT40)	SISO	5190	8.84	<=23.98	Pass
		5230	8.75	<=23.98	Pass
		5270	7.13	<=23.98	Pass
		5310	6.65	<=23.98	Pass
		5510	5.66	<=23.98	Pass
		5550	6.70	<=23.98	Pass
		5670	9.92	<=23.98	Pass
		5755	12.03	<=30	Pass
		5795	12.91	<=30	Pass
802.11ac (VHT80)	SISO	5210	9.17	<=23.98	Pass
		5290	6.67	<=23.98	Pass
		5530	6.57	<=23.98	Pass
		5610	8.47	<=23.98	Pass
		5775	12.55	<=30	Pass

Note1: Antenna Gain

U-NII-1: -0.18dBi; U-NII-2A: 2.88dBi; U-NII-2C: 0.6dBi; U-NII-3: -0.92dBi



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-2.82	<=11	Pass
		5200	-3.10	<=11	Pass
		5240	-2.96	<=11	Pass
		5260	-3.68	<=11	Pass
		5300	-4.29	<=11	Pass
		5320	-4.38	<=11	Pass
		5500	-5.50	<=11	Pass
		5580	-3.33	<=11	Pass
		5700	-0.65	<=11	Pass
802.11n (HT20)	SISO	5180	-3.29	<=11	Pass
		5200	-3.58	<=11	Pass
		5240	-3.53	<=11	Pass
		5260	-3.88	<=11	Pass
		5300	-4.52	<=11	Pass
		5320	-4.63	<=11	Pass
		5500	-5.88	<=11	Pass
		5580	-3.58	<=11	Pass
		5700	-0.97	<=11	Pass
802.11n (HT40)	SISO	5190	-5.57	<=11	Pass
		5230	-5.61	<=11	Pass
		5270	-6.36	<=11	Pass
		5310	-6.85	<=11	Pass
		5510	-7.75	<=11	Pass
		5550	-6.88	<=11	Pass
		5670	-3.53	<=11	Pass
802.11ac (VHT20)	SISO	5180	-3.13	<=11	Pass
		5200	-3.49	<=11	Pass
		5240	-3.41	<=11	Pass
		5260	-3.91	<=11	Pass
		5300	-4.62	<=11	Pass
		5320	-4.61	<=11	Pass



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		5500	-6.98	<=11	Pass
		5580	-4.00	<=11	Pass
		5700	-1.56	<=11	Pass
802.11ac (VHT40)	SISO	5190	-5.44	<=11	Pass
		5230	-5.63	<=11	Pass
		5270	-7.20	<=11	Pass
		5310	-7.61	<=11	Pass
		5510	-8.62	<=11	Pass
		5550	-7.59	<=11	Pass
		5670	-4.29	<=11	Pass
802.11ac (VHT80)	SISO	5210	-7.78	<=11	Pass
		5290	-10.48	<=11	Pass
		5530	-10.85	<=11	Pass
		5610	-8.93	<=11	Pass
Note1: Antenna Gain U-NII-1: -0.18dBi; U-NII-2A: 2.88dBi; U-NII-2C: 0.6dBi; U-NII-3: -0.92dBi					



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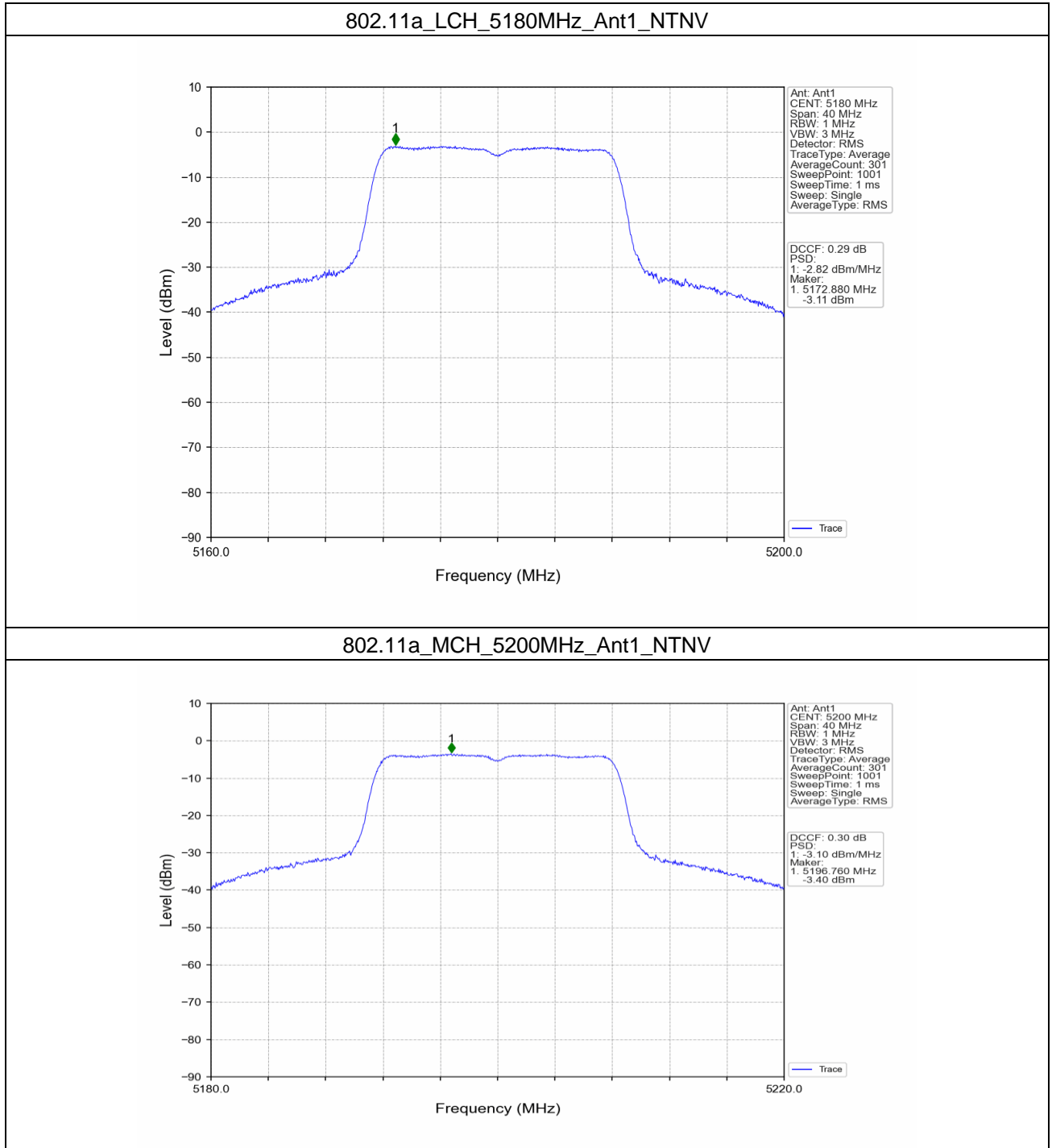
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4.1.2 Test Graph



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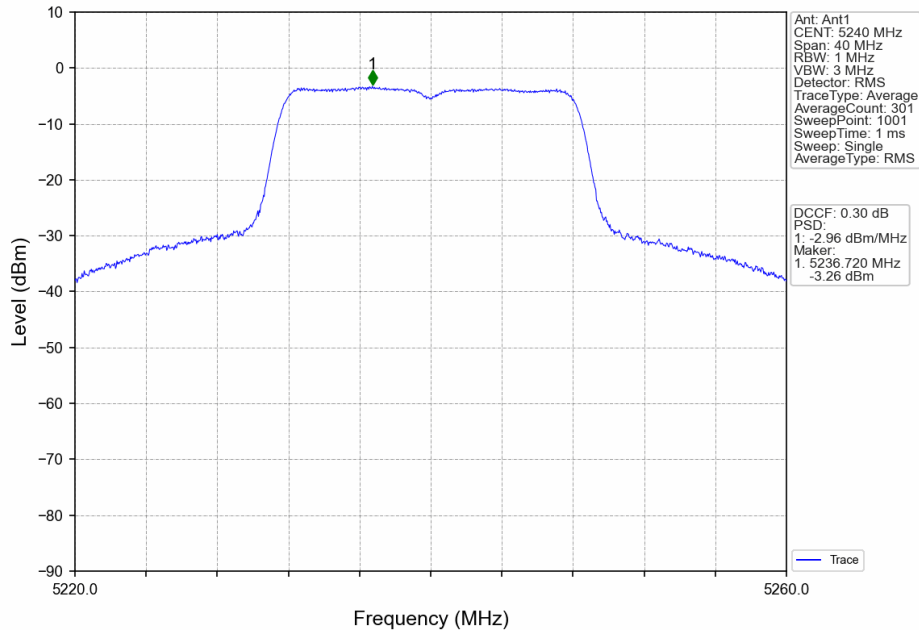
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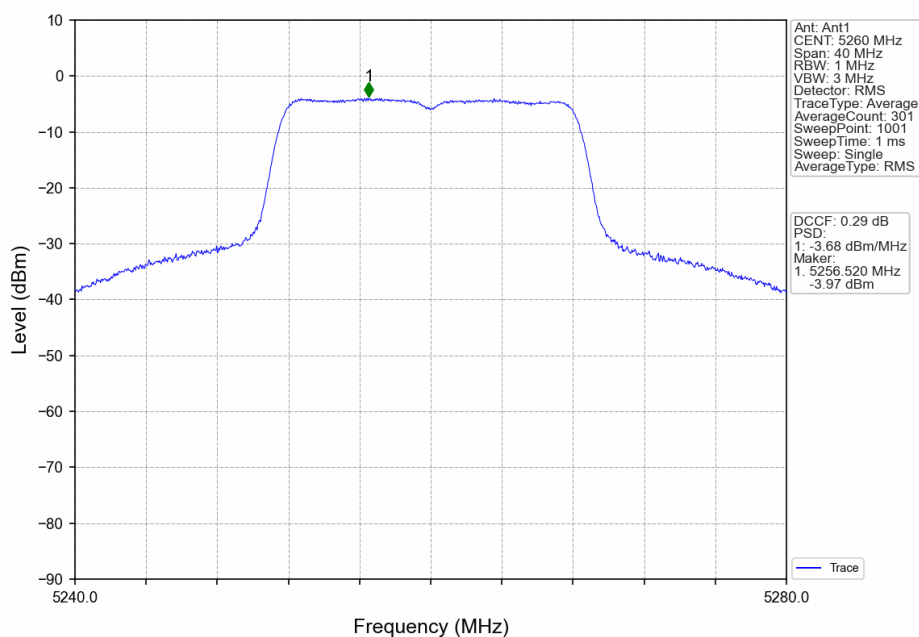
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802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5260MHz_Ant1_NTNV



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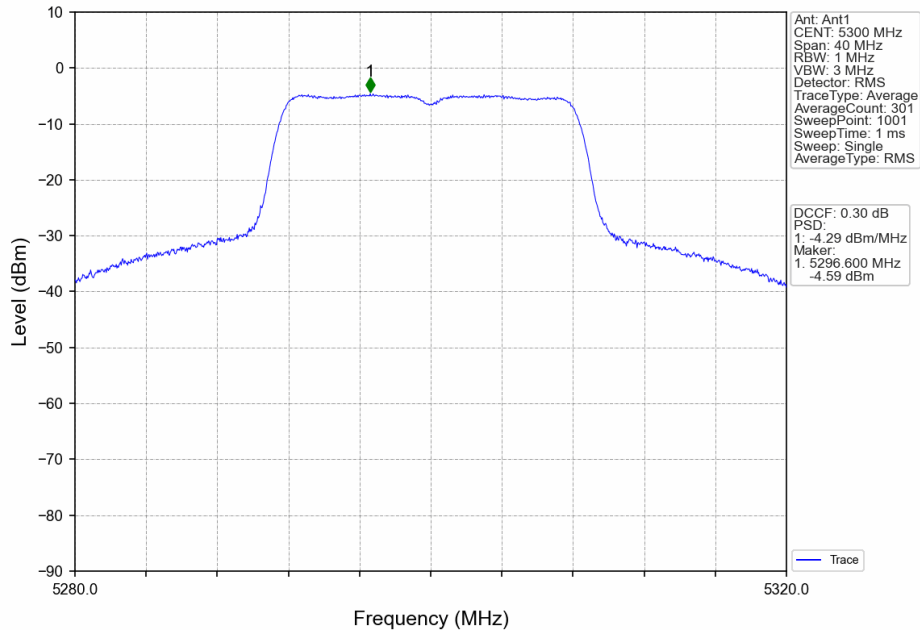
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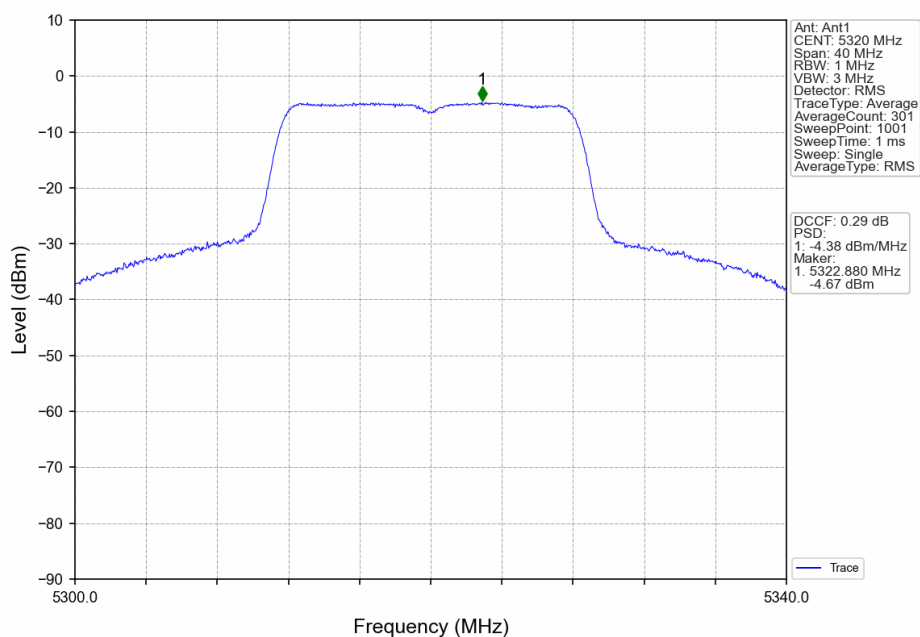
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802.11a_MCH_5300MHz_Ant1_NTNV



802.11a_HCH_5320MHz_Ant1_NTNV



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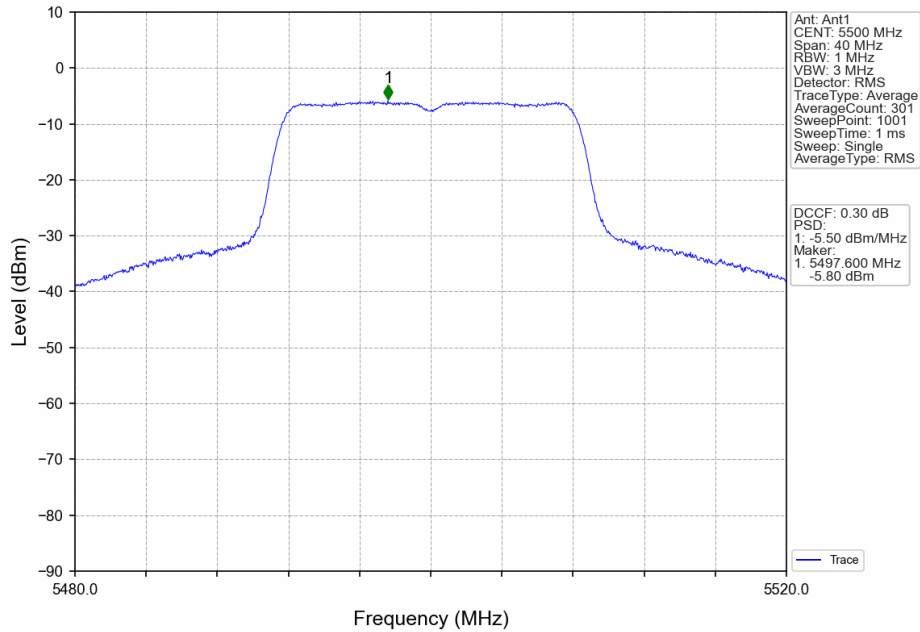
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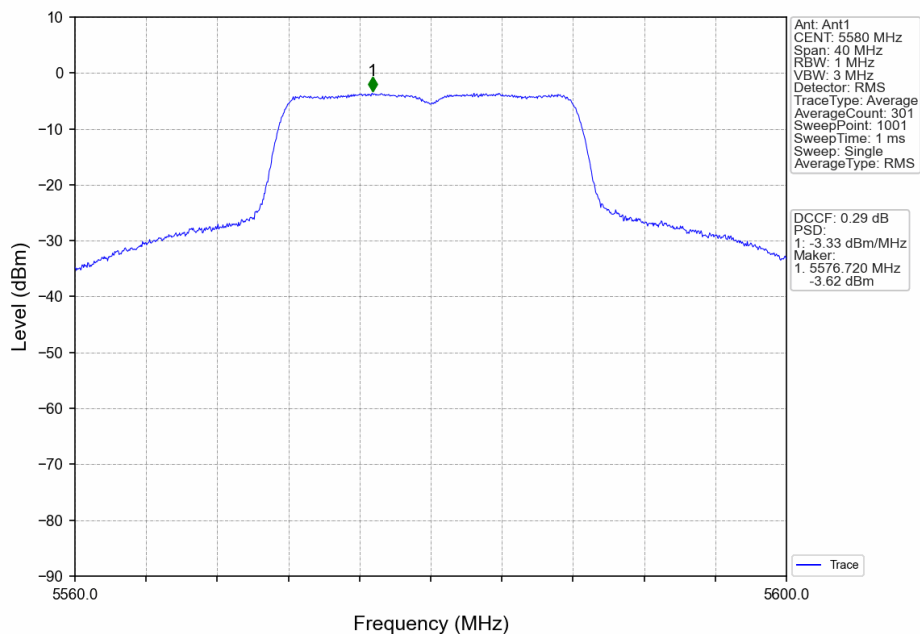
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802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5580MHz_Ant1_NTNV



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