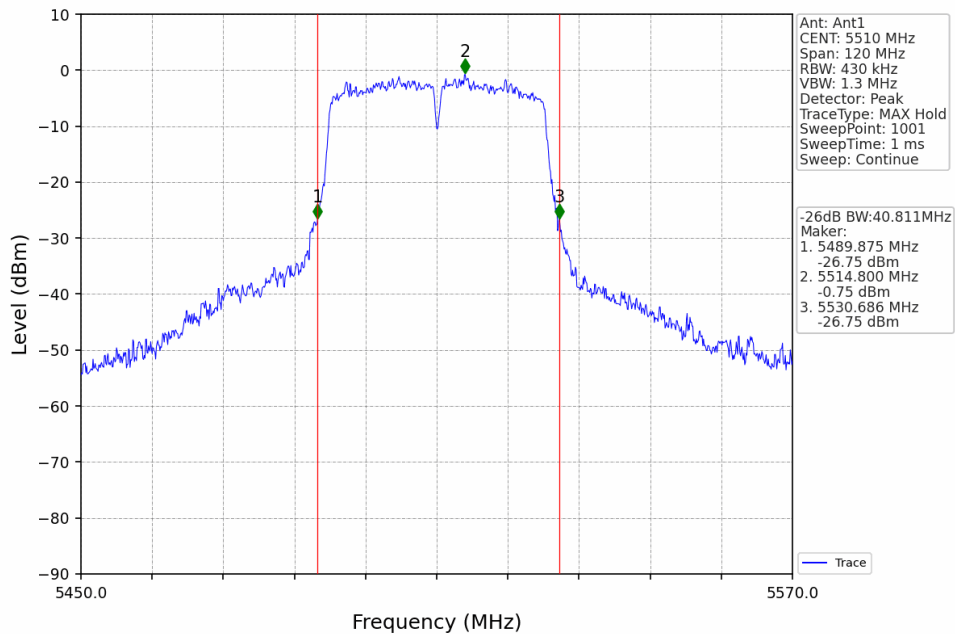
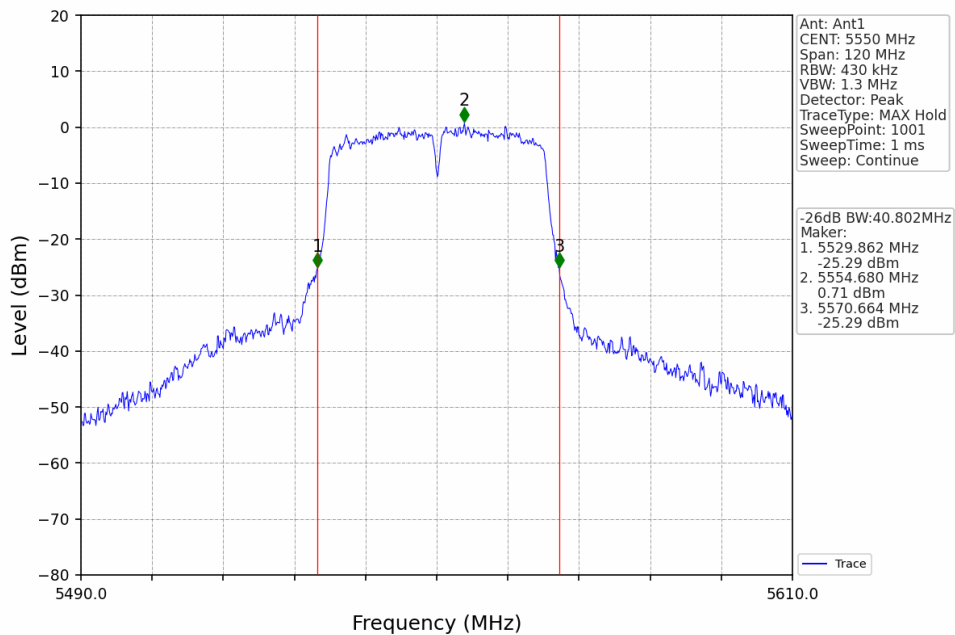


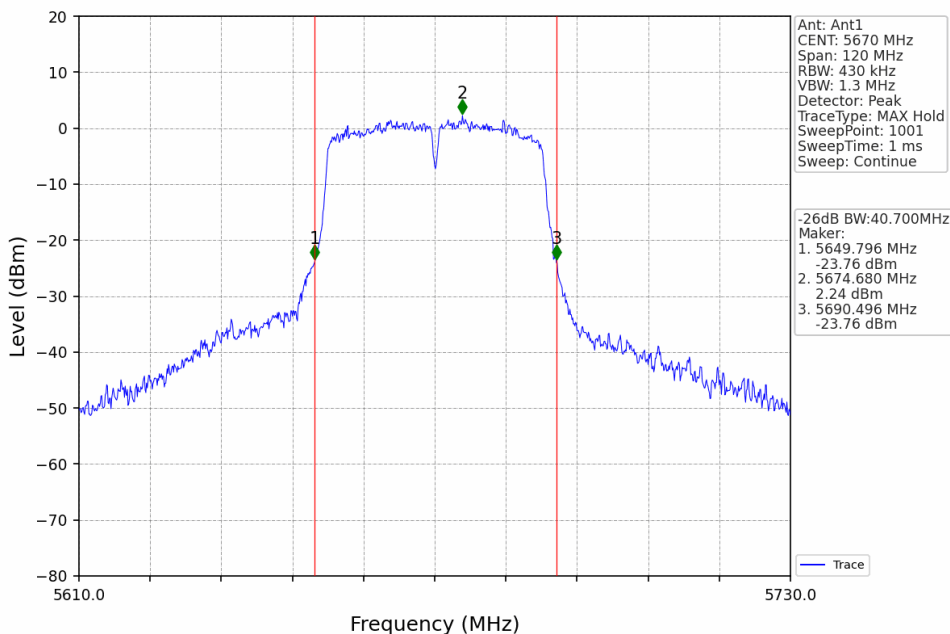
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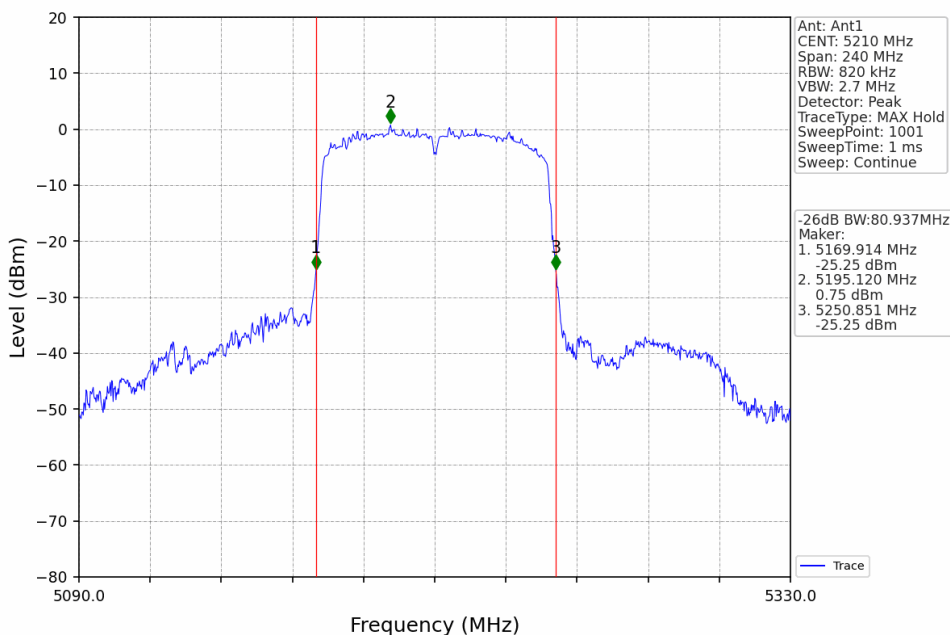
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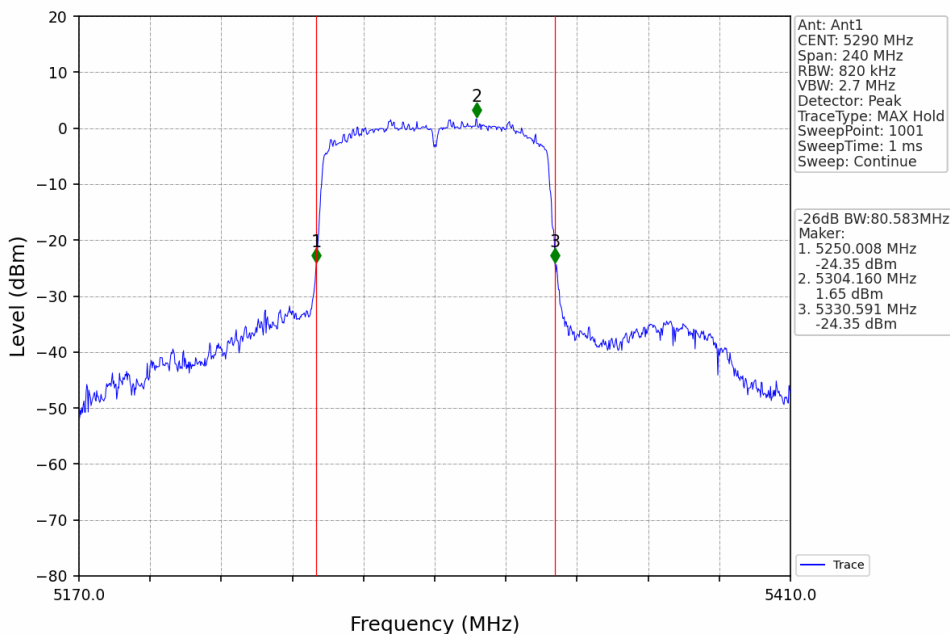
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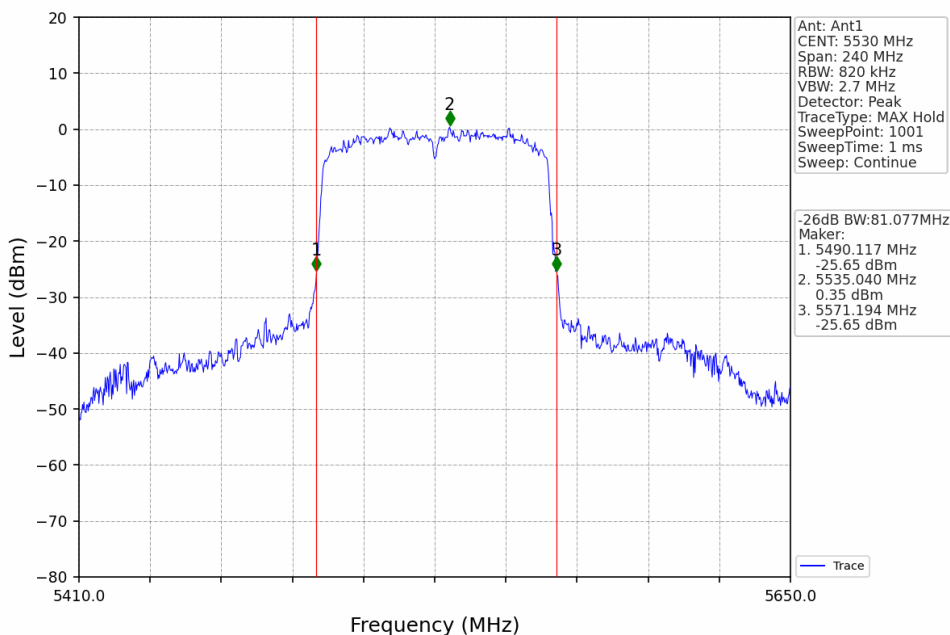
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



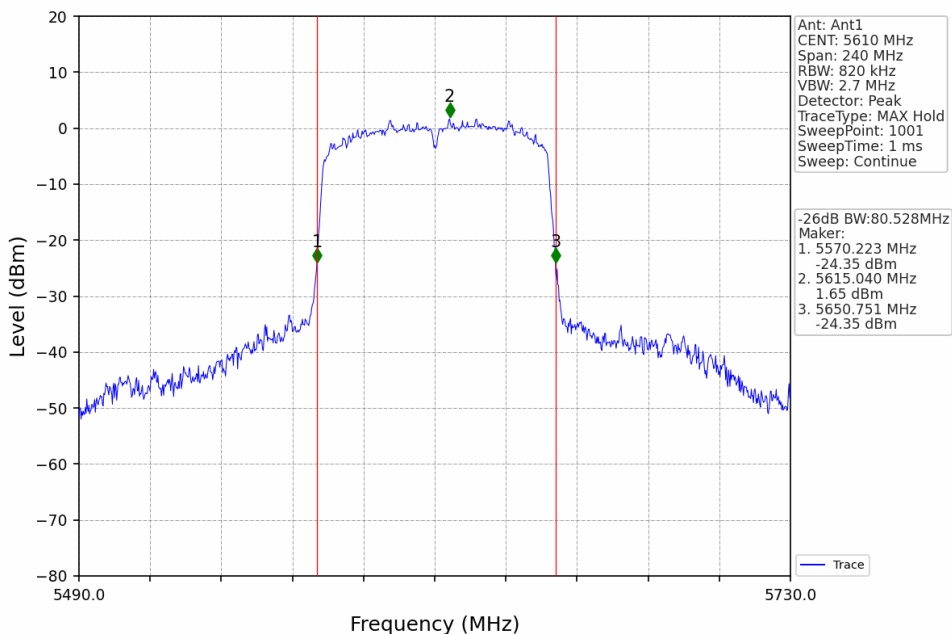
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



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	ANT2	MIMO	Limit	
802.11a	MIMO	5180	14.30	14.16	17.24	<=23.7	Pass
		5200	13.53	14.65	17.14	<=23.7	Pass
		5240	14.53	14.44	17.50	<=23.7	Pass
		5260	13.31	14.71	17.08	<=23.38	Pass
		5300	13.89	15.08	17.54	<=23.37	Pass
		5320	14.56	15.27	17.94	<=23.38	Pass
		5500	13.56	12.18	15.93	<=23.38	Pass
		5580	15.66	13.82	17.85	<=23.7	Pass
		5700	14.31	13.56	16.96	<=23.39	Pass
		5745	12.64	14.12	16.45	<=29.72	Pass
		5785	13.44	15.08	17.35	<=29.72	Pass
		5825	14.17	15.49	17.89	<=29.72	Pass
802.11n (HT20)	MIMO	5180	13.64	13.25	16.46	<=23.7	Pass
		5200	13.18	12.83	16.02	<=23.7	Pass
		5240	12.36	12.33	15.36	<=23.7	Pass
		5260	13.89	12.66	16.33	<=23.59	Pass
		5300	14.02	13.04	16.57	<=23.59	Pass
		5320	14.03	13.19	16.64	<=23.59	Pass
		5500	11.86	12.22	15.05	<=23.59	Pass
		5580	13.77	13.66	16.73	<=23.59	Pass
		5700	12.58	11.98	15.30	<=23.6	Pass
		5745	11.92	12.27	15.11	<=29.72	Pass
		5785	12.41	13.14	15.80	<=29.72	Pass
		5825	13.08	13.83	16.48	<=29.72	Pass
802.11n (HT40)	MIMO	5190	8.85	8.18	11.54	<=23.7	Pass
		5230	9.55	9.16	12.37	<=23.7	Pass
		5270	13.79	12.76	16.32	<=23.7	Pass
		5310	13.76	13.15	16.48	<=23.7	Pass
		5510	12.07	12.49	15.30	<=23.7	Pass
		5550	12.87	13.54	16.23	<=23.7	Pass
		5670	13.37	12.95	16.18	<=23.7	Pass



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		5755	12.20	13.06	15.66	<=29.72	Pass
		5795	13.07	13.77	16.44	<=29.72	Pass
802.11ac (VHT20)	MIMO	5180	8.33	8.06	11.21	<=23.7	Pass
		5200	8.51	8.26	11.40	<=23.7	Pass
		5240	9.04	9.23	12.15	<=23.7	Pass
		5260	12.66	11.68	15.21	<=23.6	Pass
		5300	12.74	11.83	15.32	<=23.6	Pass
		5320	12.68	12.13	15.42	<=23.6	Pass
		5500	11.22	11.22	14.23	<=23.6	Pass
		5580	12.88	13.17	16.04	<=23.59	Pass
		5700	11.76	11.09	14.45	<=23.6	Pass
		5745	10.54	11.31	13.95	<=29.72	Pass
		5785	11.34	12.74	15.11	<=29.72	Pass
		5825	12.12	13.33	15.78	<=29.72	Pass
802.11ac (VHT40)	MIMO	5190	8.72	8.21	11.48	<=23.7	Pass
		5230	7.49	7.32	10.42	<=23.7	Pass
		5270	11.78	10.48	14.19	<=23.7	Pass
		5310	11.94	10.95	14.48	<=23.7	Pass
		5510	10.16	9.88	13.03	<=23.7	Pass
		5550	10.34	10.32	13.34	<=23.7	Pass
		5670	12.00	11.64	14.83	<=23.7	Pass
		5755	9.99	10.89	13.47	<=29.72	Pass
802.11ac (VHT80)	MIMO	5795	10.98	12.05	14.56	<=29.72	Pass
		5210	8.85	8.35	11.62	<=23.7	Pass
		5290	11.71	11.09	14.42	<=23.7	Pass
		5530	10.74	10.54	13.65	<=23.7	Pass
		5610	11.51	11.27	14.40	<=23.7	Pass
		5775	11.24	11.80	14.54	<=29.72	Pass

Note1: Antenna Gain: Antenna 1:3.28dBi Antenna 2:3.28dBi ;

Note2: Directional Gain: 6.28dBi



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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	ANT2	MIMO	Limit	
802.11a	MIMO	5180	3.52	3.44	6.38	<=10.27	Pass
		5200	2.93	3.25	6.00	<=10.27	Pass
		5240	3.07	3.39	6.12	<=10.27	Pass
		5260	2.37	3.83	6.03	<=10.27	Pass
		5300	2.79	4.17	6.49	<=10.27	Pass
		5320	3.83	4.43	7.00	<=10.27	Pass
		5500	2.10	0.65	4.37	<=10.27	Pass
		5580	4.58	3.19	6.79	<=10.27	Pass
		5700	3.00	2.63	5.61	<=10.27	Pass
802.11n (HT20)	MIMO	5180	2.18	1.90	4.95	<=10.27	Pass
		5200	1.66	1.38	4.52	<=10.27	Pass
		5240	0.84	0.66	3.73	<=10.27	Pass
		5260	2.39	1.30	4.68	<=10.27	Pass
		5300	2.56	1.65	4.93	<=10.27	Pass
		5320	2.61	1.75	5.17	<=10.27	Pass
		5500	0.25	0.63	3.41	<=10.27	Pass
		5580	2.11	2.47	5.20	<=10.27	Pass
		5700	0.97	0.59	3.71	<=10.27	Pass
802.11n (HT40)	MIMO	5190	-5.40	-6.12	-2.78	<=10.27	Pass
		5230	-4.85	-5.14	-2.01	<=10.27	Pass
		5270	-0.38	-1.20	2.21	<=10.27	Pass
		5310	-0.21	-0.77	2.33	<=10.27	Pass
		5510	-2.22	-1.55	1.03	<=10.27	Pass
		5550	-1.19	-0.31	2.28	<=10.27	Pass
		5670	-0.57	-0.96	2.16	<=10.27	Pass
802.11ac (VHT20)	MIMO	5180	-3.38	-3.38	-0.46	<=10.27	Pass
		5200	-3.07	-3.31	-0.22	<=10.27	Pass
		5240	-2.52	-2.27	0.49	<=10.27	Pass
		5260	1.35	0.18	3.70	<=10.27	Pass
		5300	1.28	0.54	3.73	<=10.27	Pass



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		5320	1.25	0.67	3.88	<=10.27	Pass
		5500	-0.10	-0.07	2.67	<=10.27	Pass
		5580	1.18	1.64	4.28	<=10.27	Pass
		5700	0.20	-0.15	2.85	<=10.27	Pass
802.11ac (VHT40)	MIMO	5190	-5.63	-6.08	-2.98	<=10.27	Pass
		5230	-6.85	-7.04	-4.01	<=10.27	Pass
		5270	-2.42	-3.53	-0.03	<=10.27	Pass
		5310	-2.08	-2.94	0.38	<=10.27	Pass
		5510	-3.97	-4.15	-1.13	<=10.27	Pass
		5550	-3.51	-3.81	-0.81	<=10.27	Pass
		5670	-1.97	-1.98	0.95	<=10.27	Pass
802.11ac (VHT80)	MIMO	5210	-8.33	-8.67	-5.54	<=10.27	Pass
		5290	-4.85	-5.95	-2.46	<=10.27	Pass
		5530	-6.58	-6.42	-3.63	<=10.27	Pass
		5610	-5.59	-5.16	-2.60	<=10.27	Pass

Note1: Antenna Gain: Antenna 1:3.28dBi Antenna 2:3.28dBi ;

Note2: Directional Gain: 6.28dBi



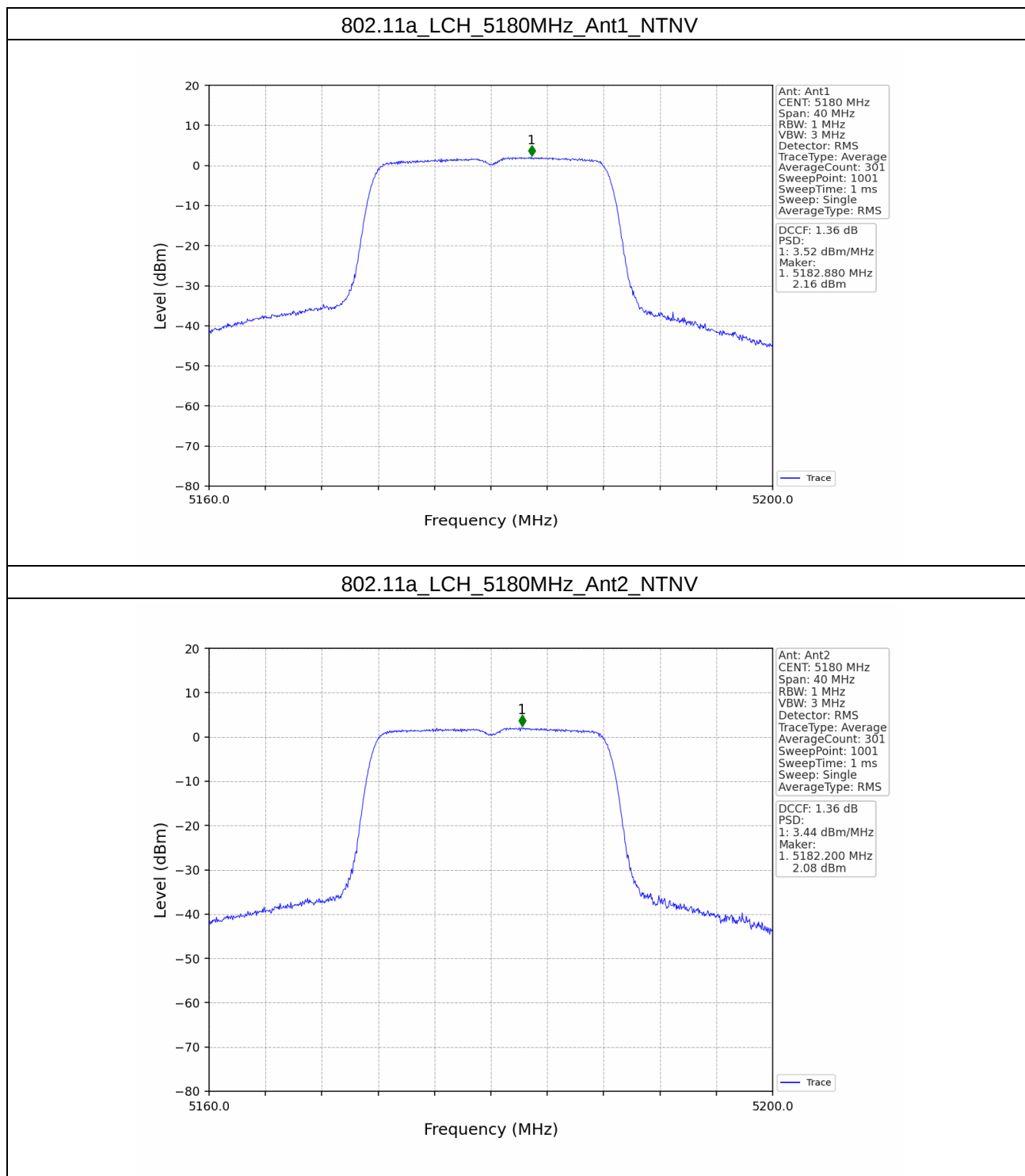
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4.1.2 Test Graph



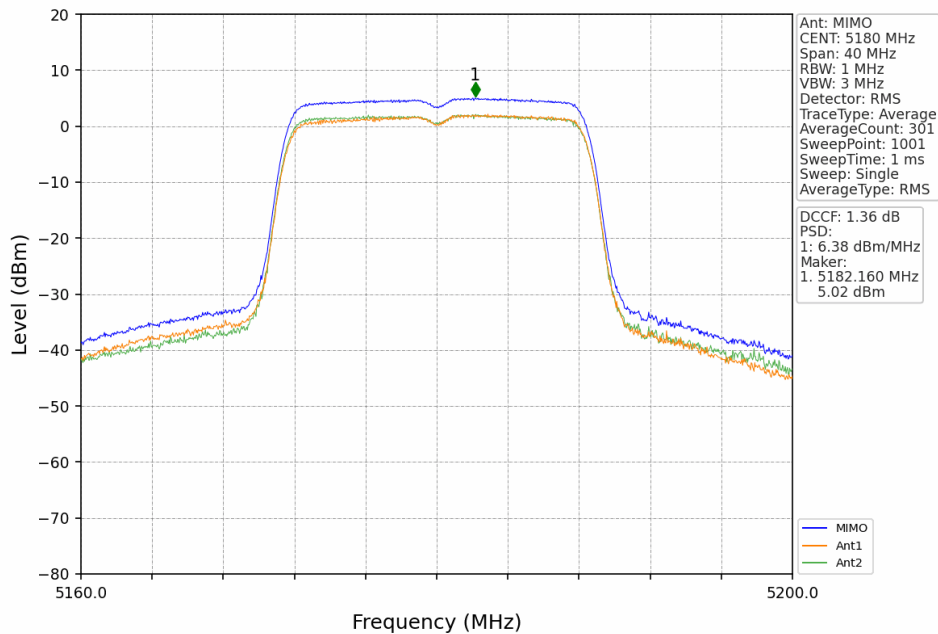
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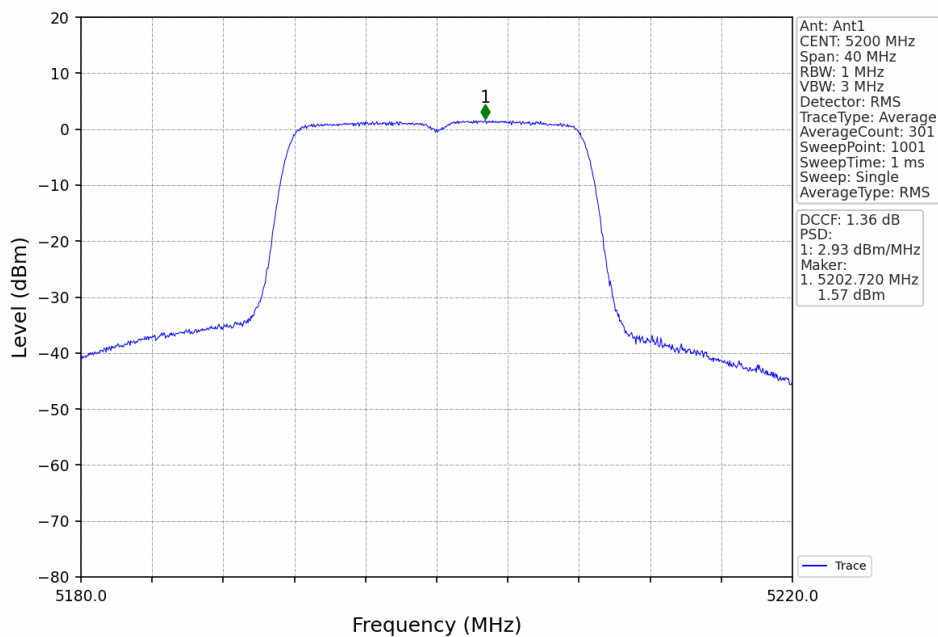
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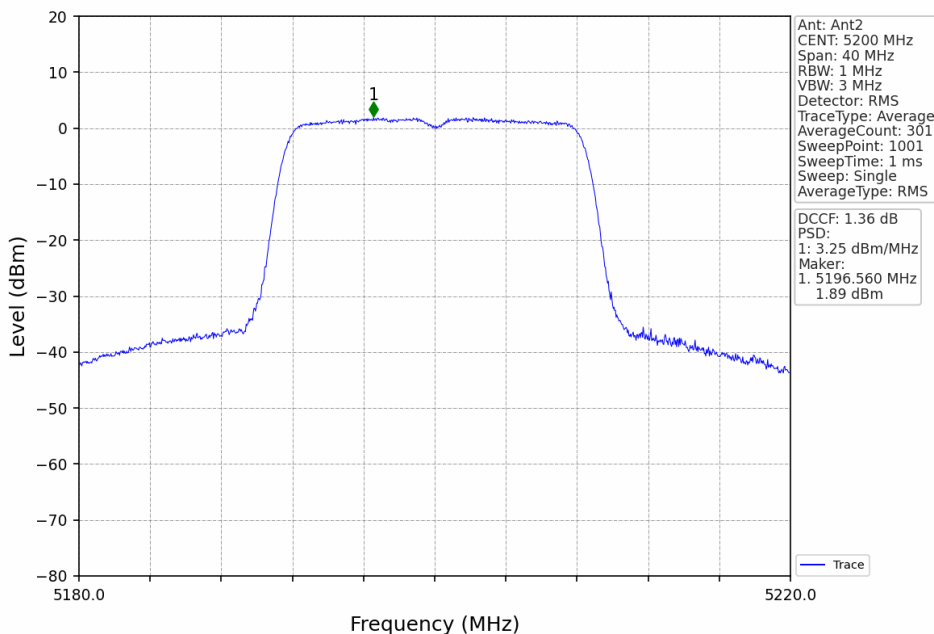
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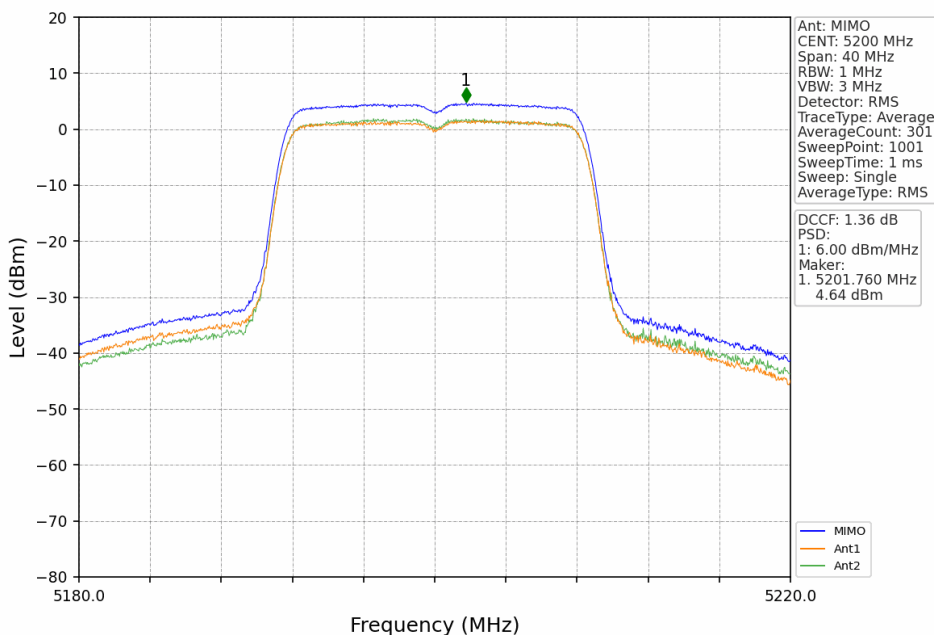
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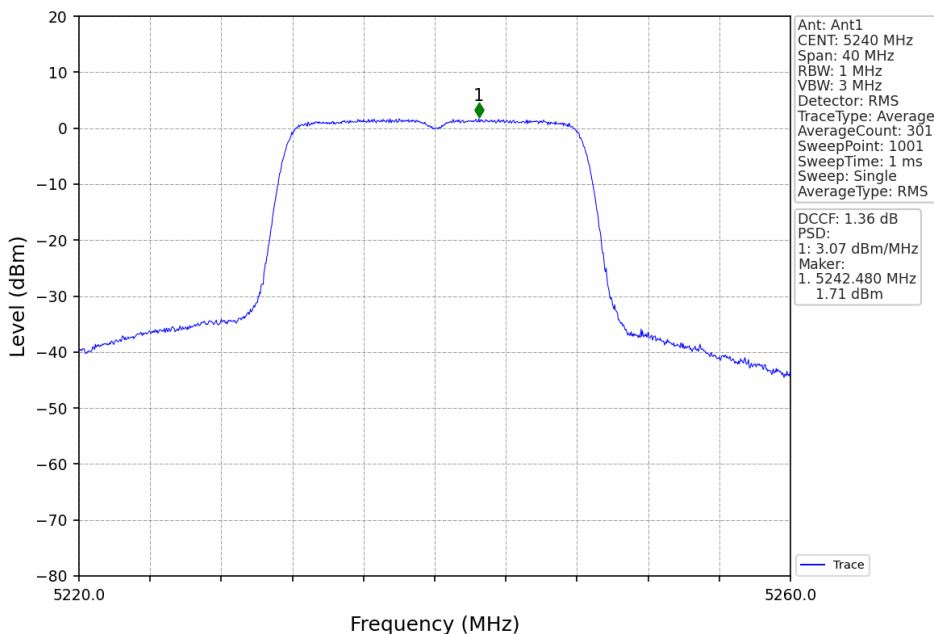
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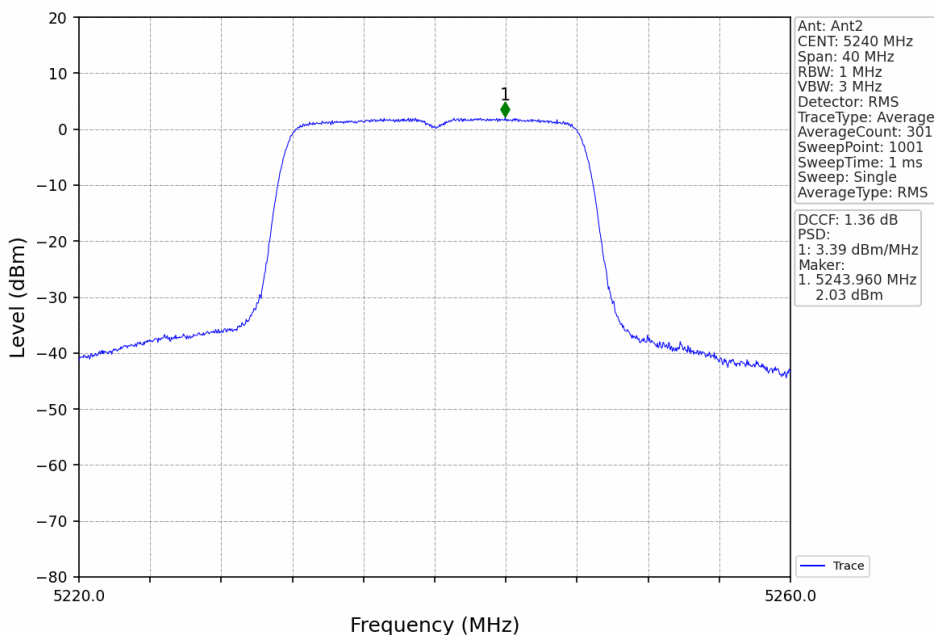
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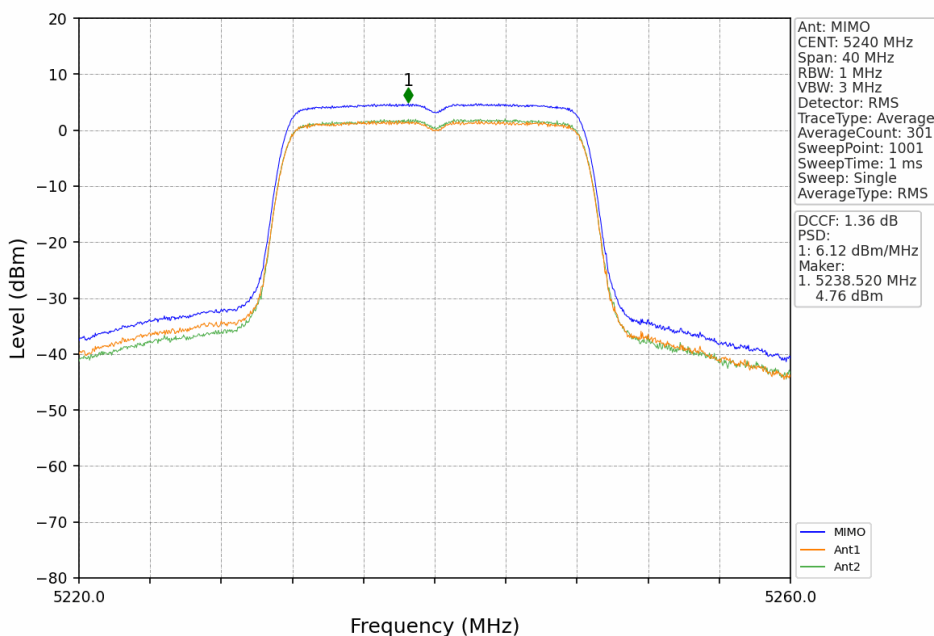
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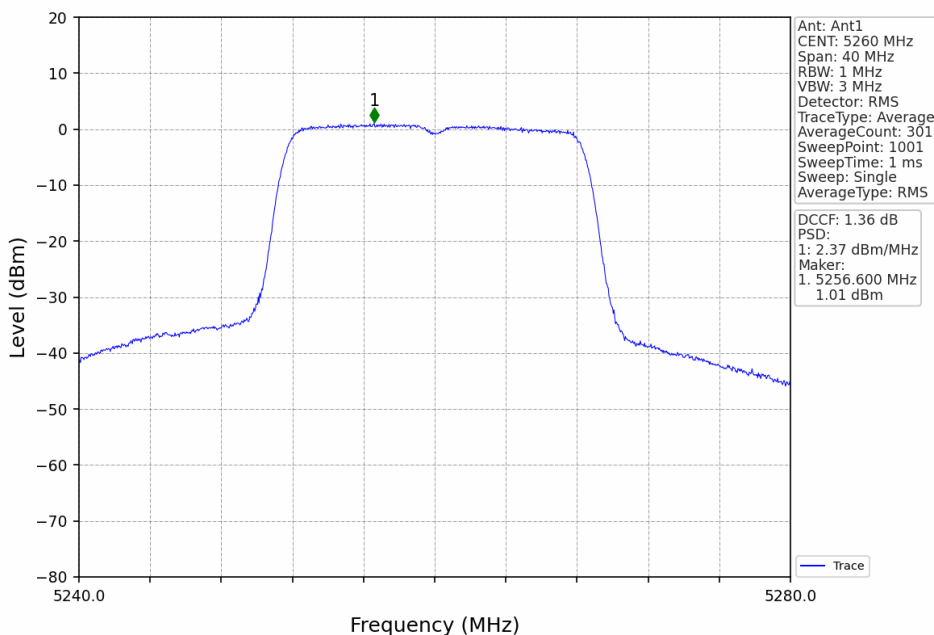
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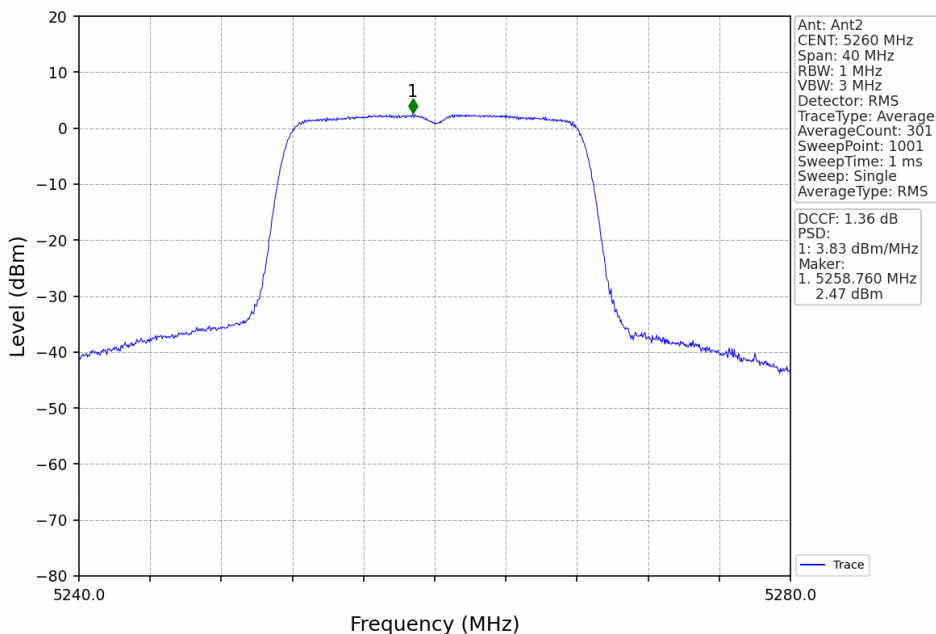
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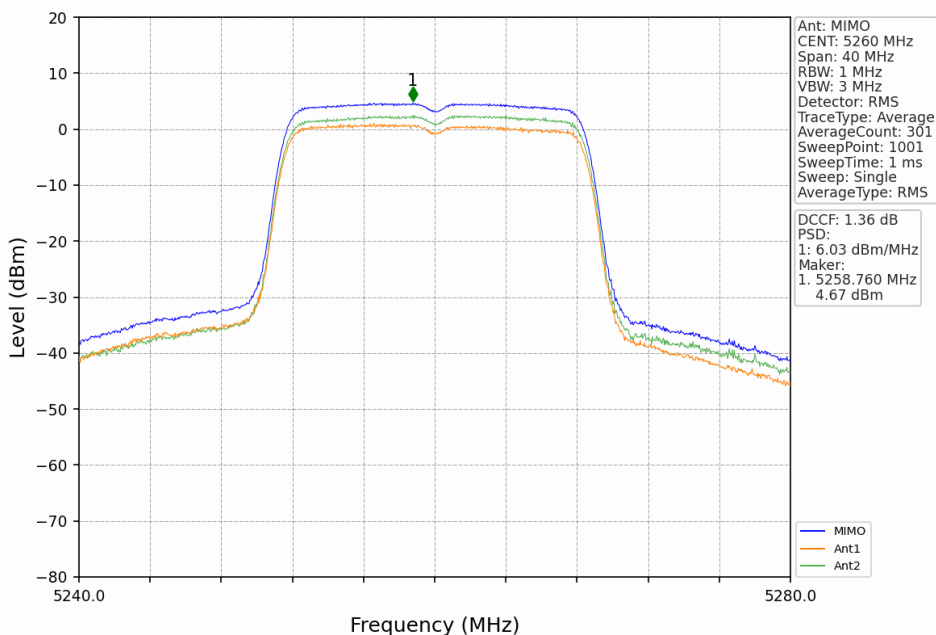
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802.11a_LCH_5260MHz_Ant2_NTNV



802.11a_LCH_5260MHz_MIMO_NTNV



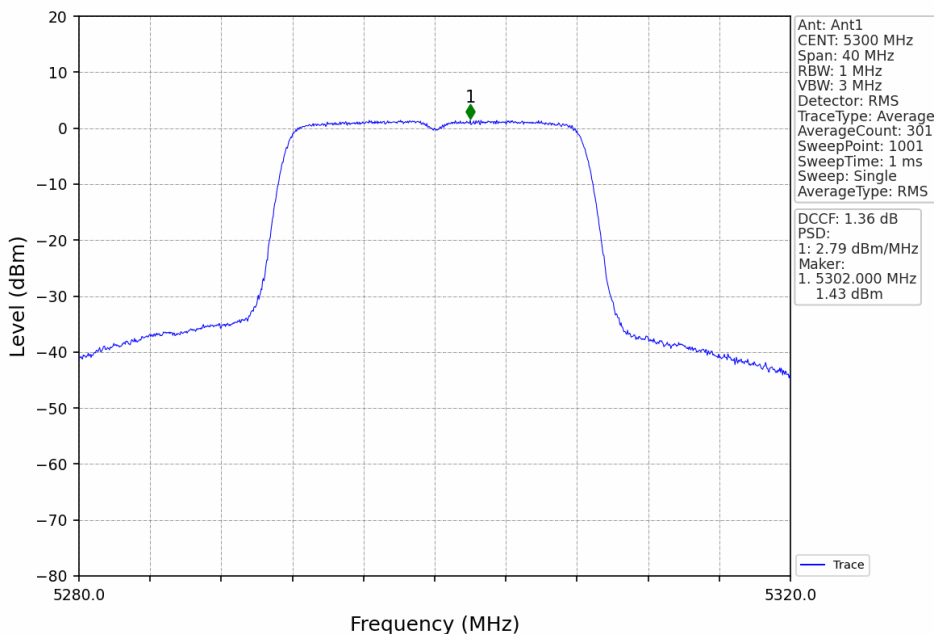
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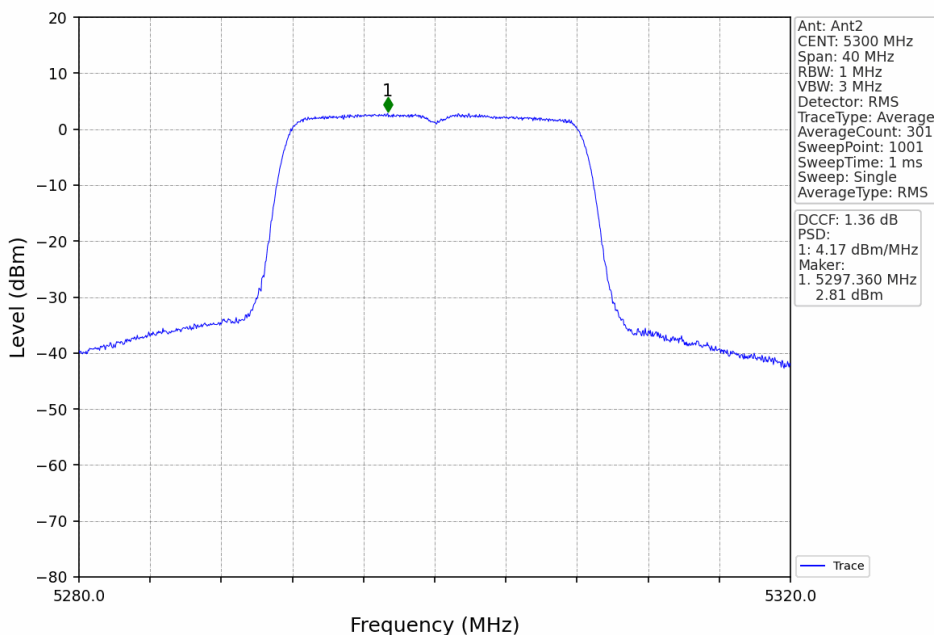
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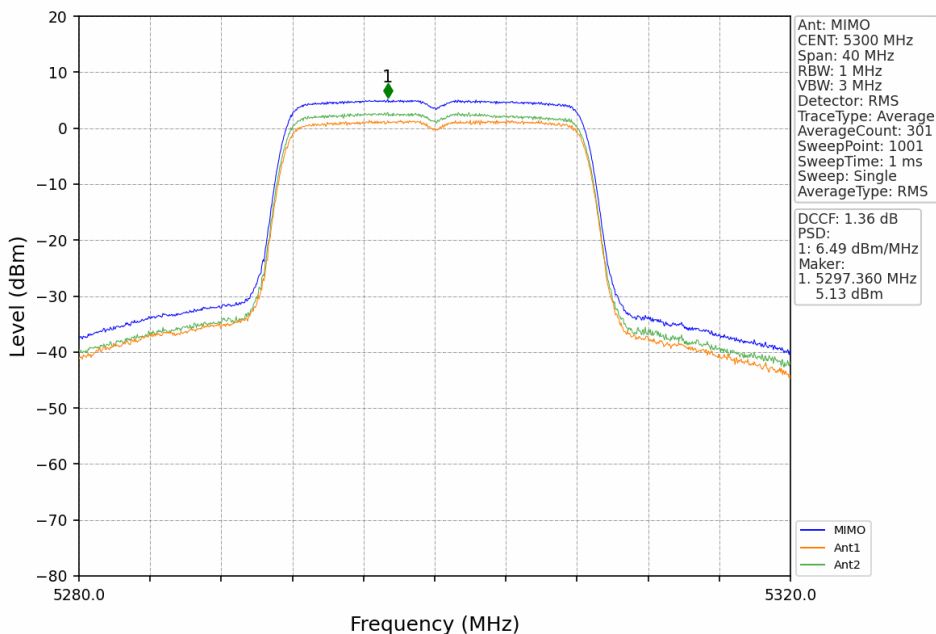
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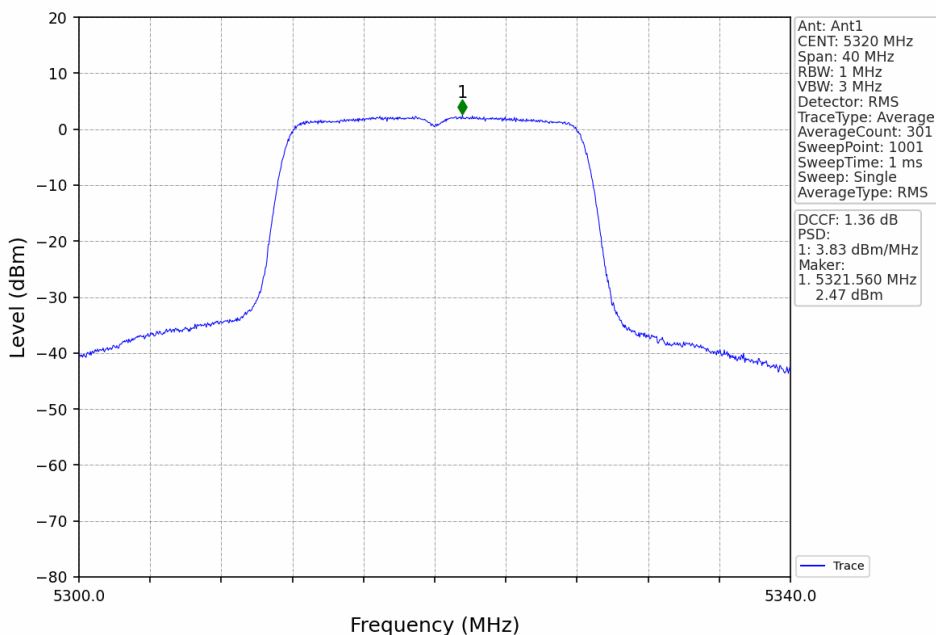
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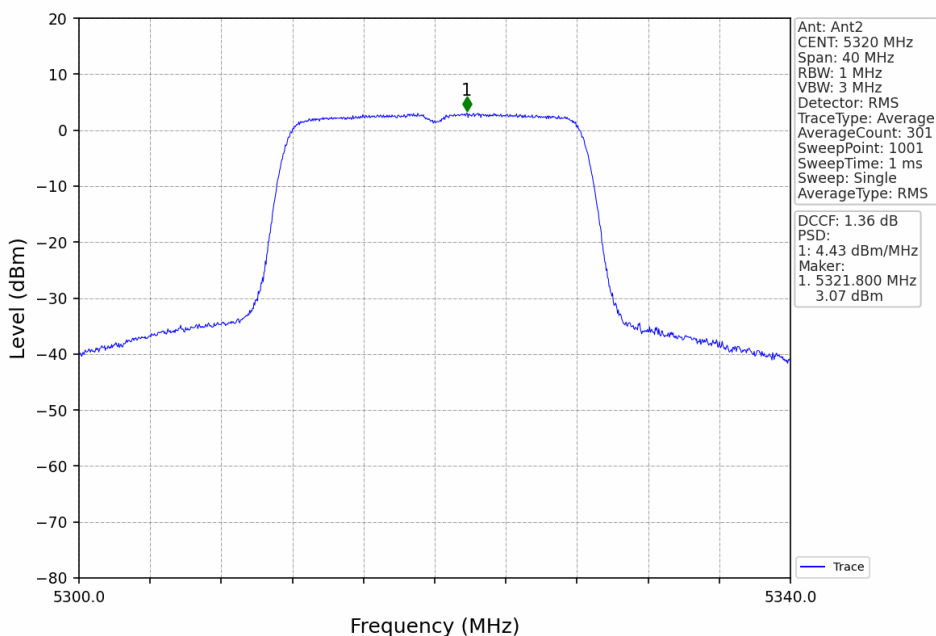
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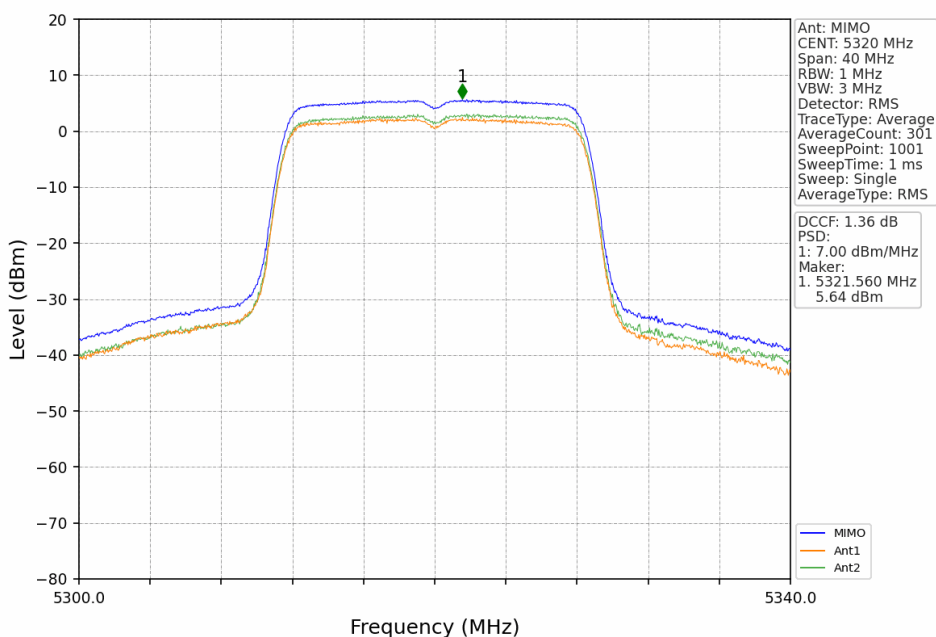
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802.11a_HCH_5320MHz_Ant2_NTNV



802.11a_HCH_5320MHz_MIMO_NTNV



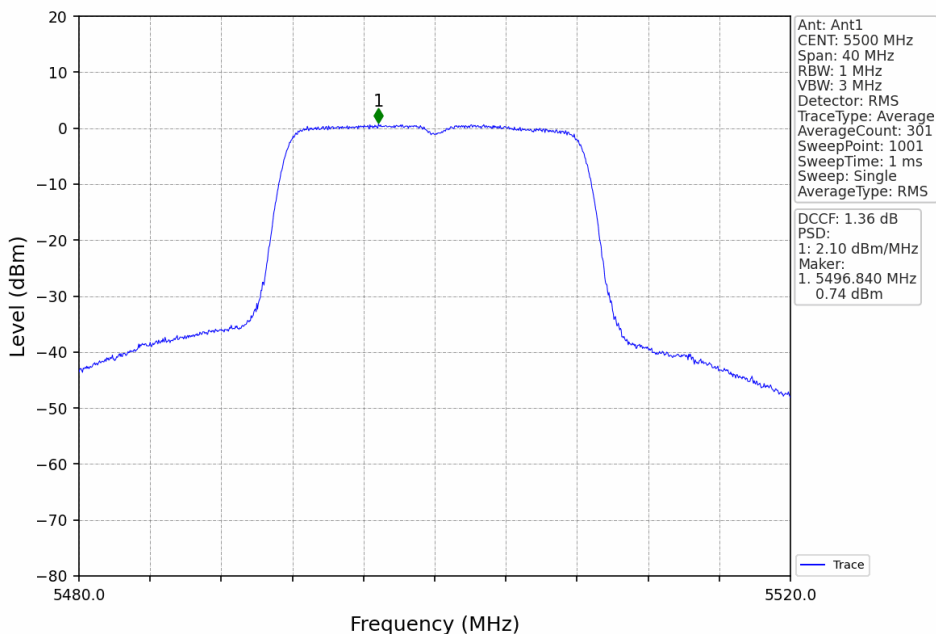
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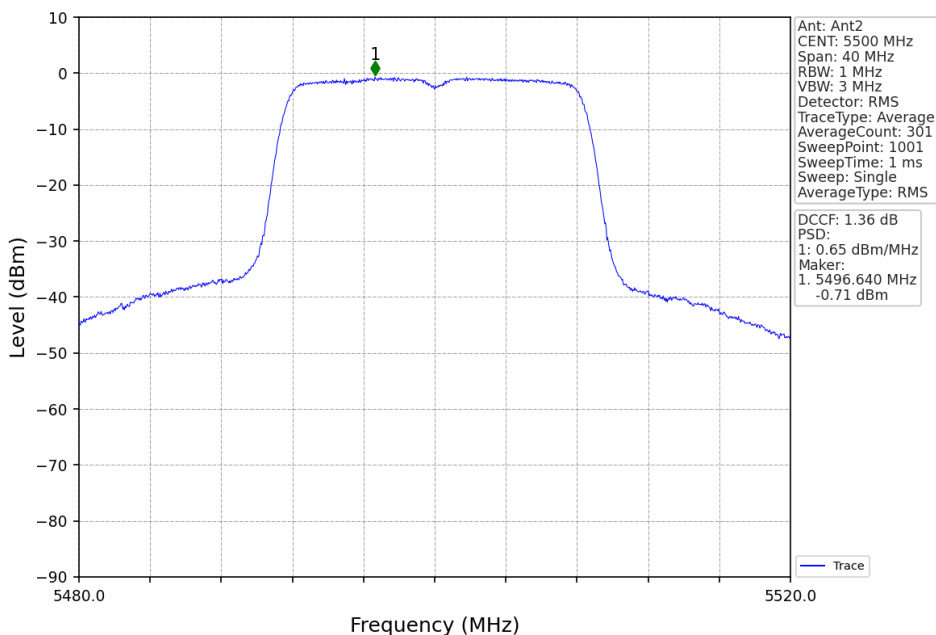
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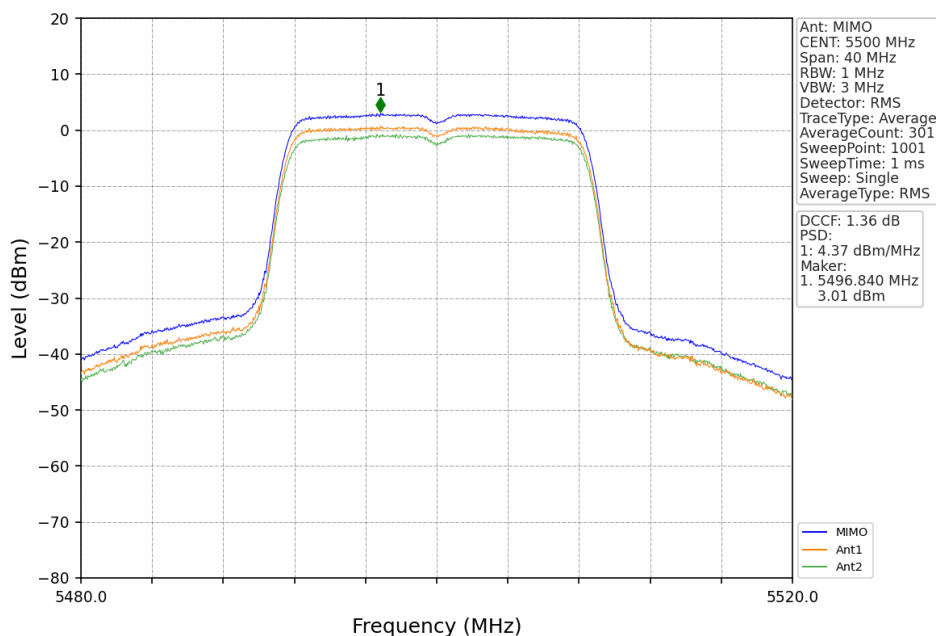
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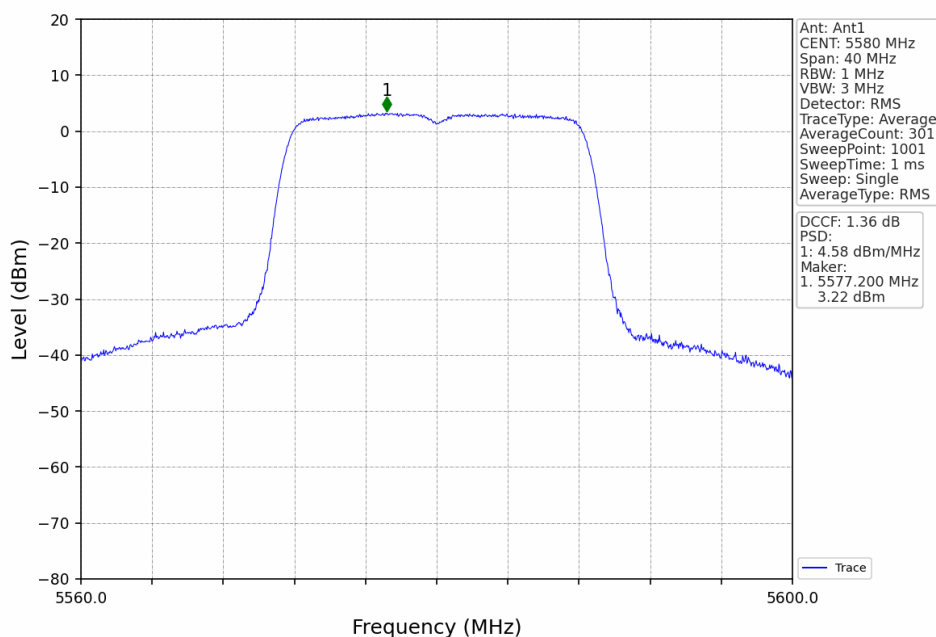
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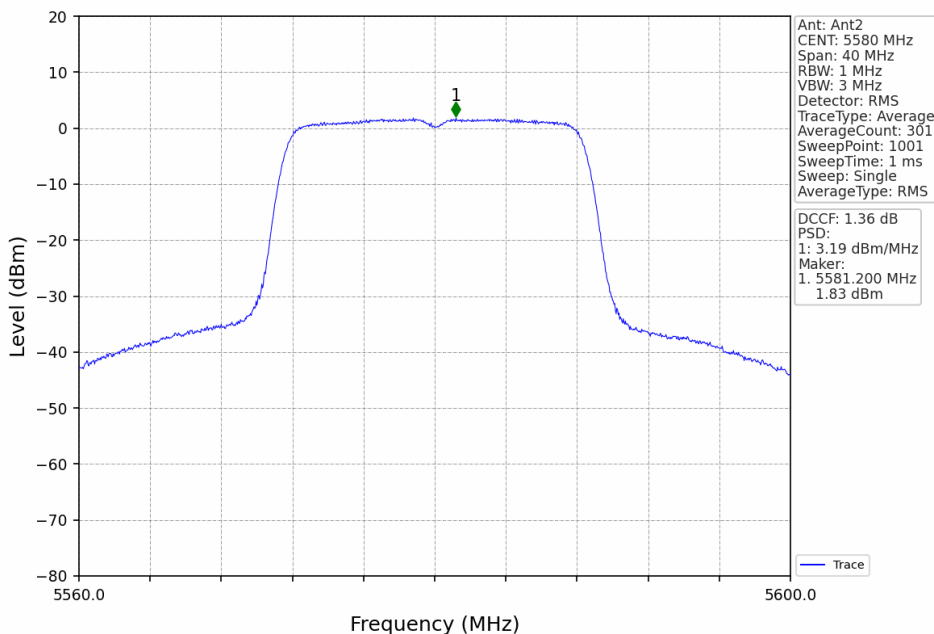
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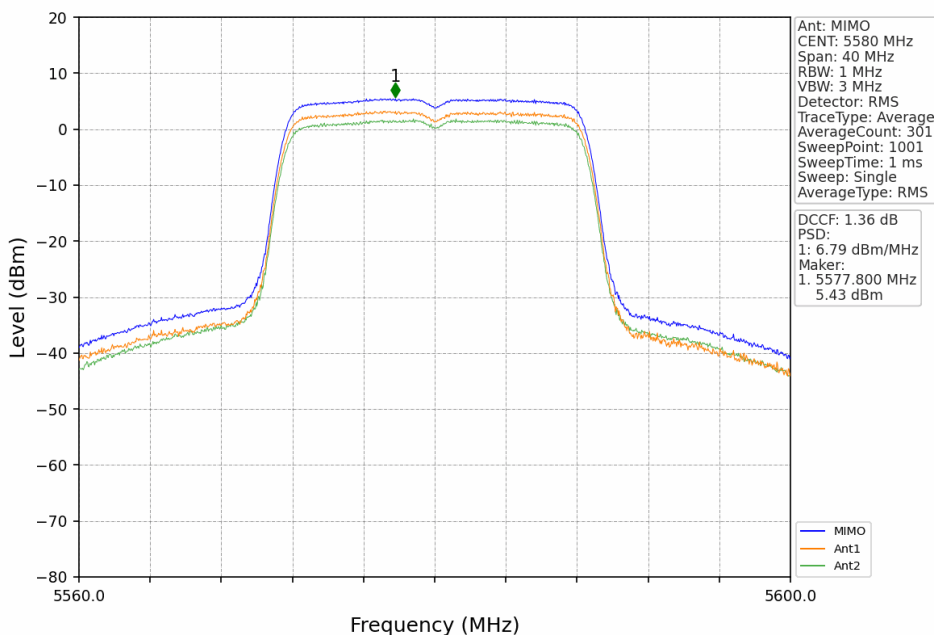
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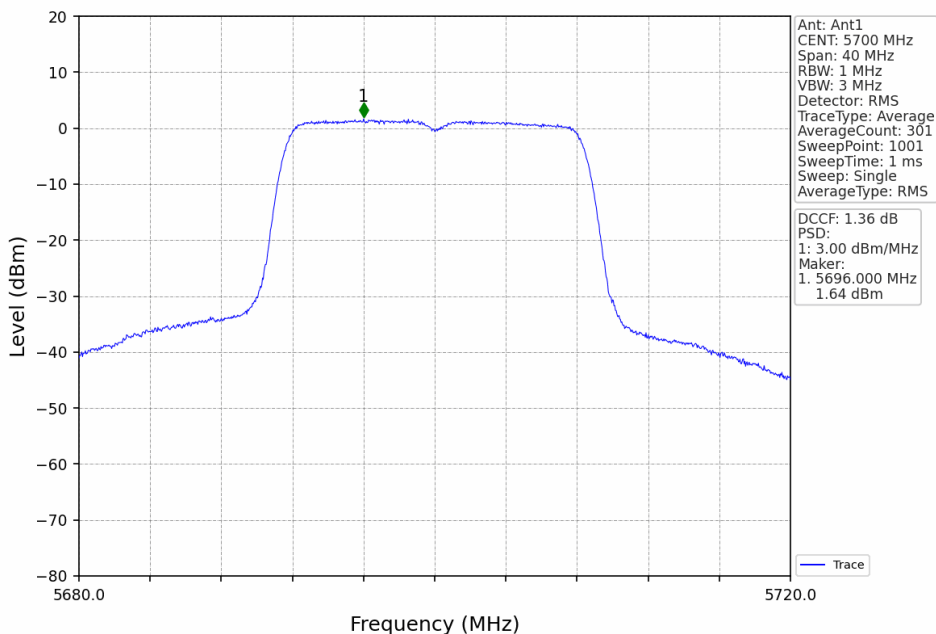
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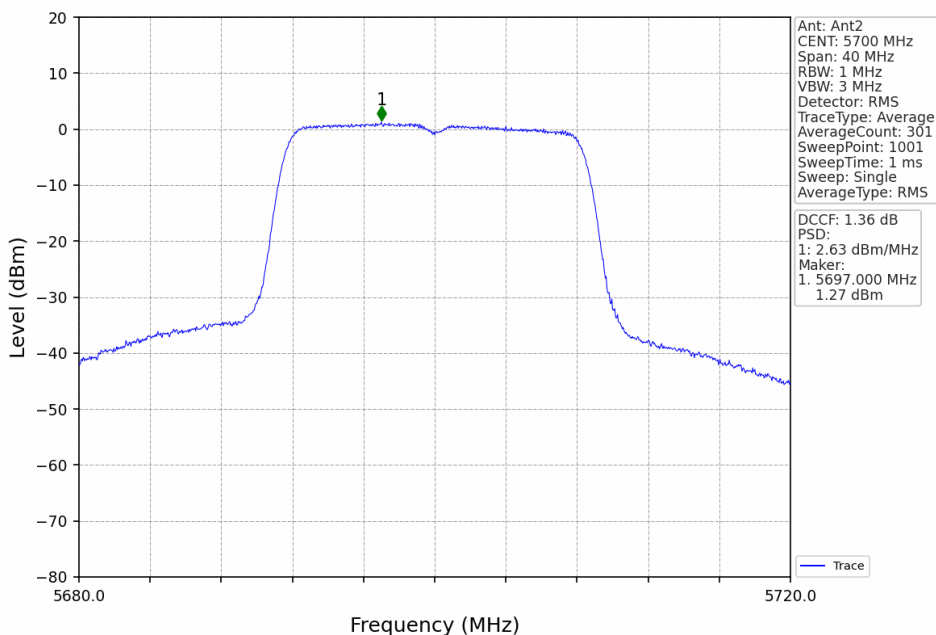
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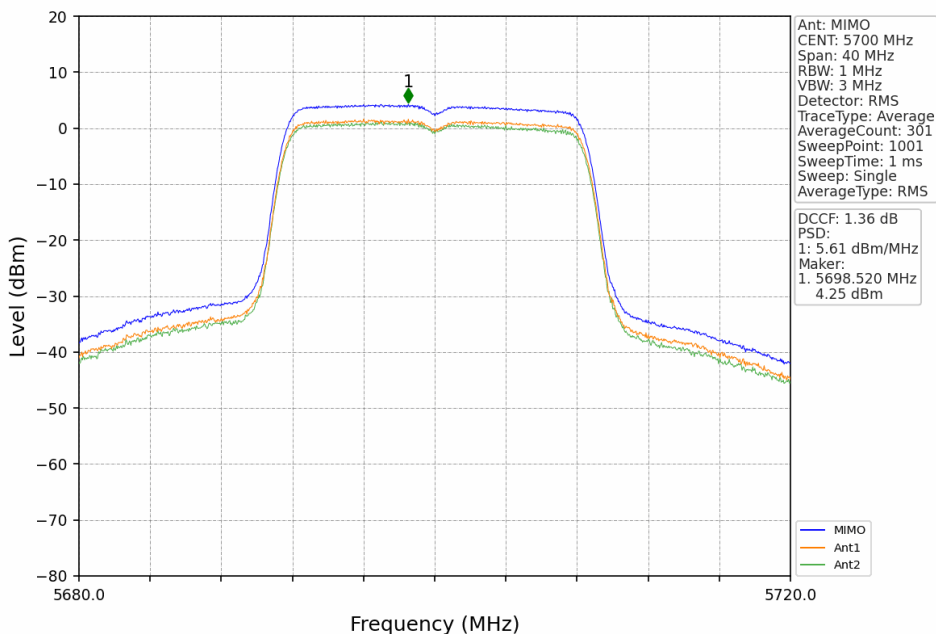
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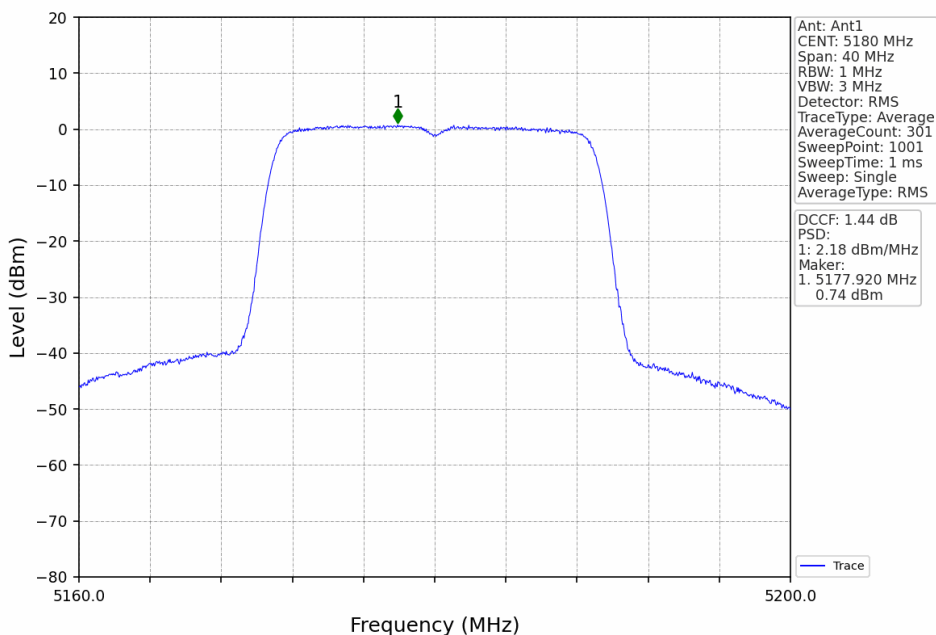
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802.11a_HCH_5700MHz_MIMO_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



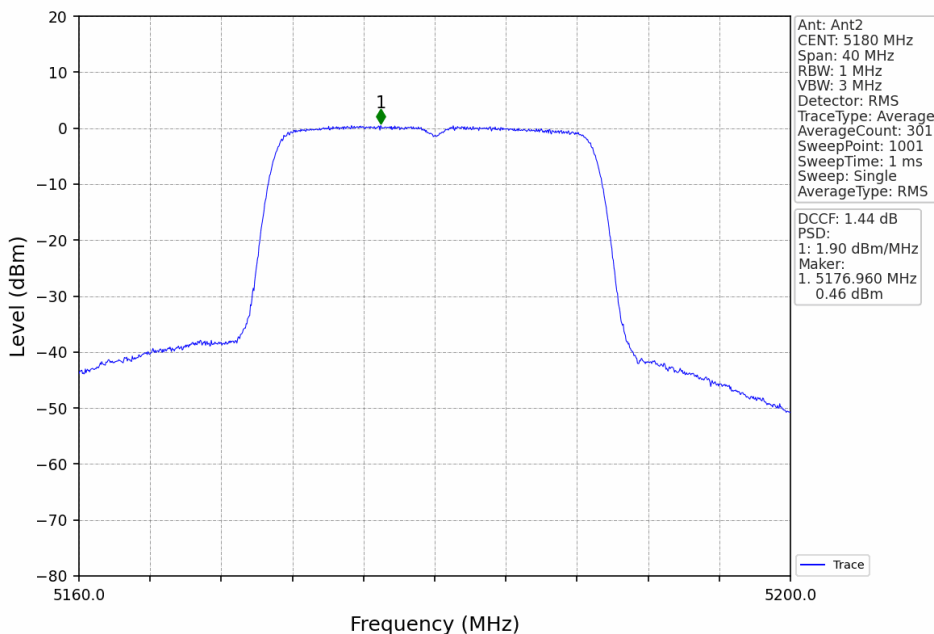
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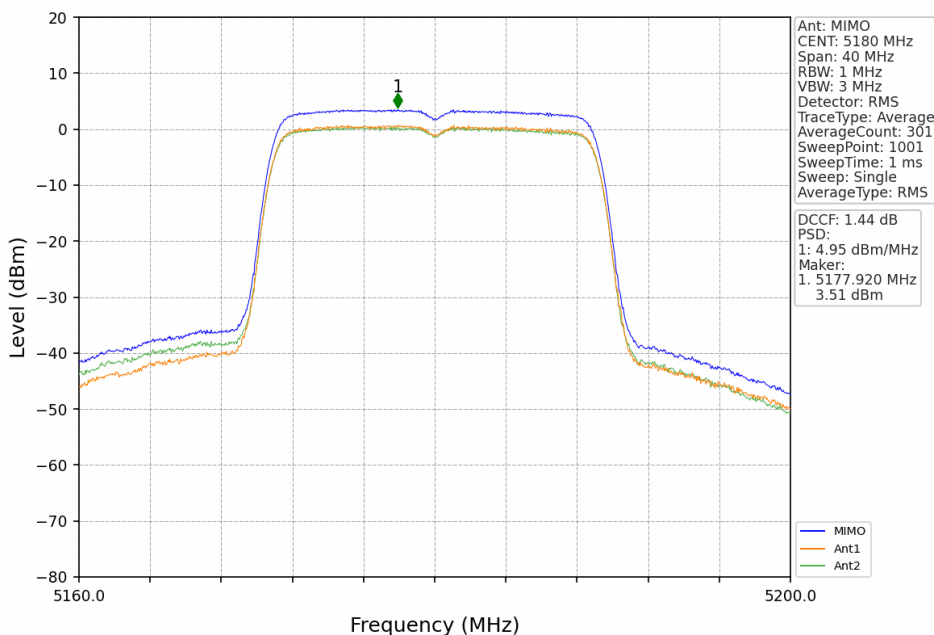
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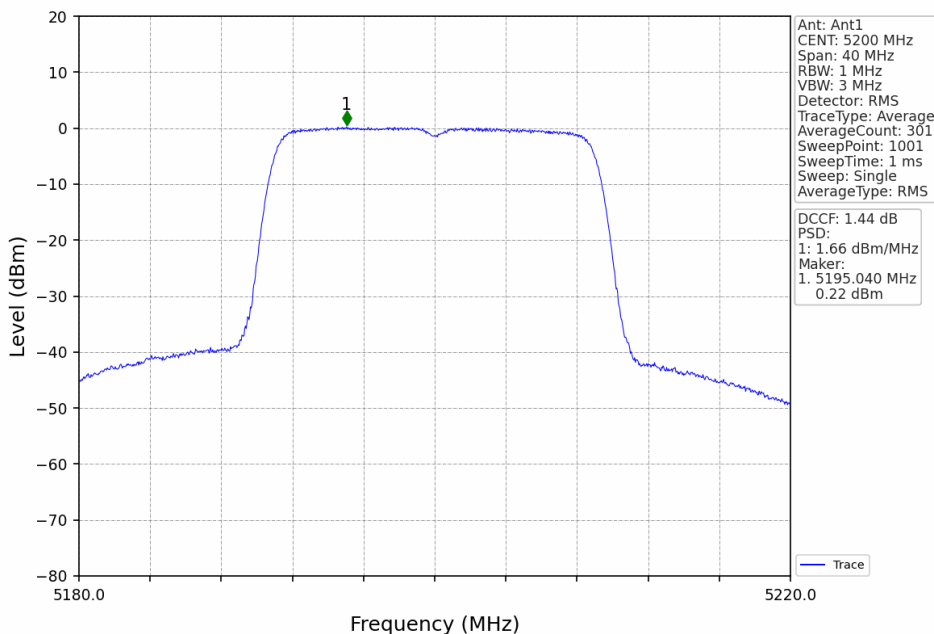
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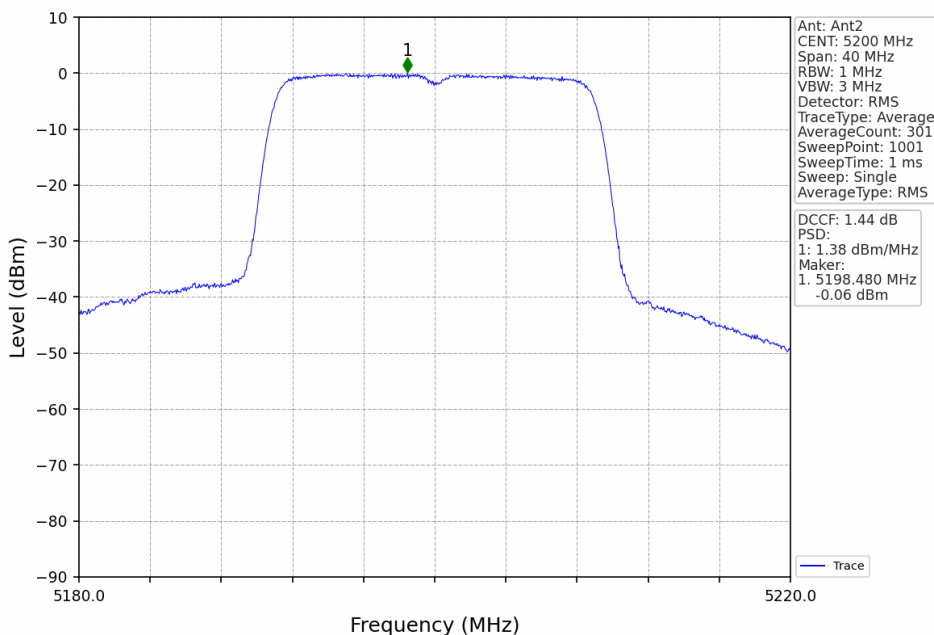
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802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



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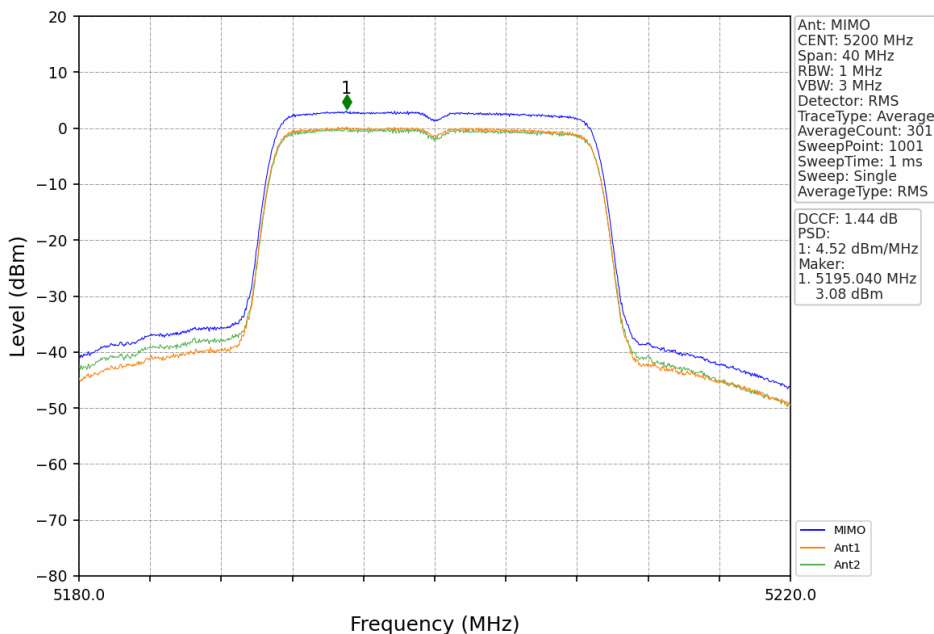
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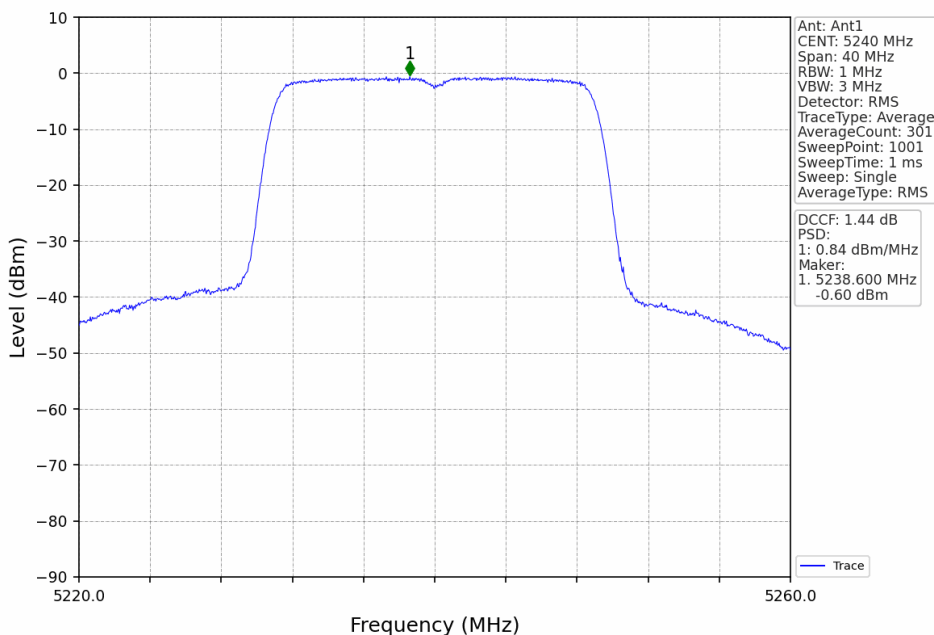
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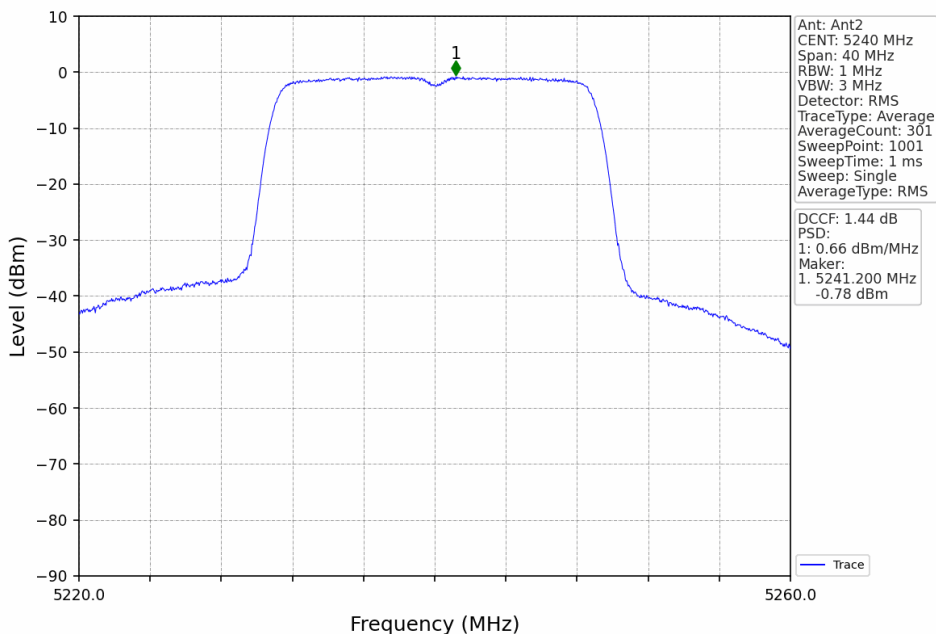
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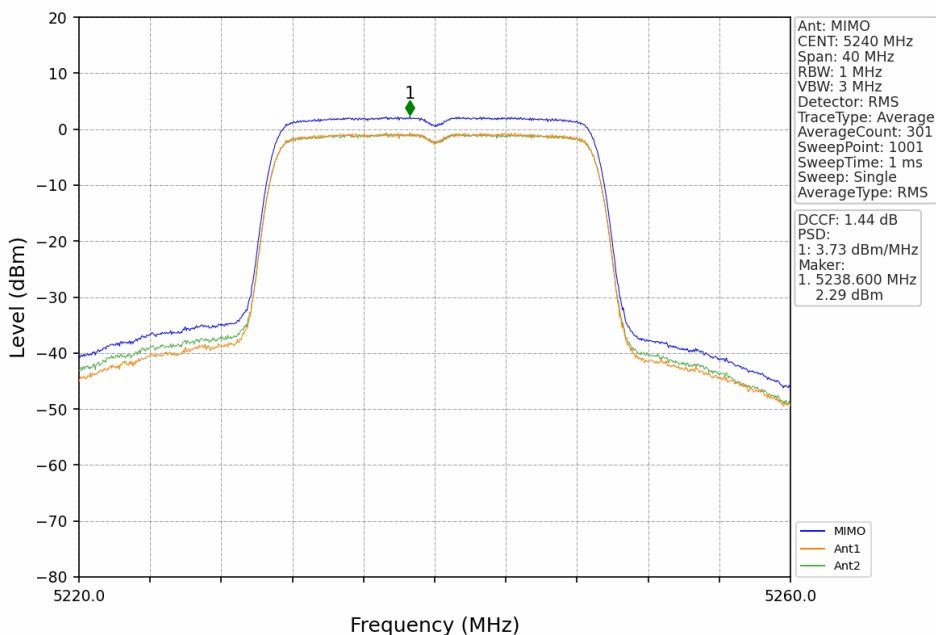
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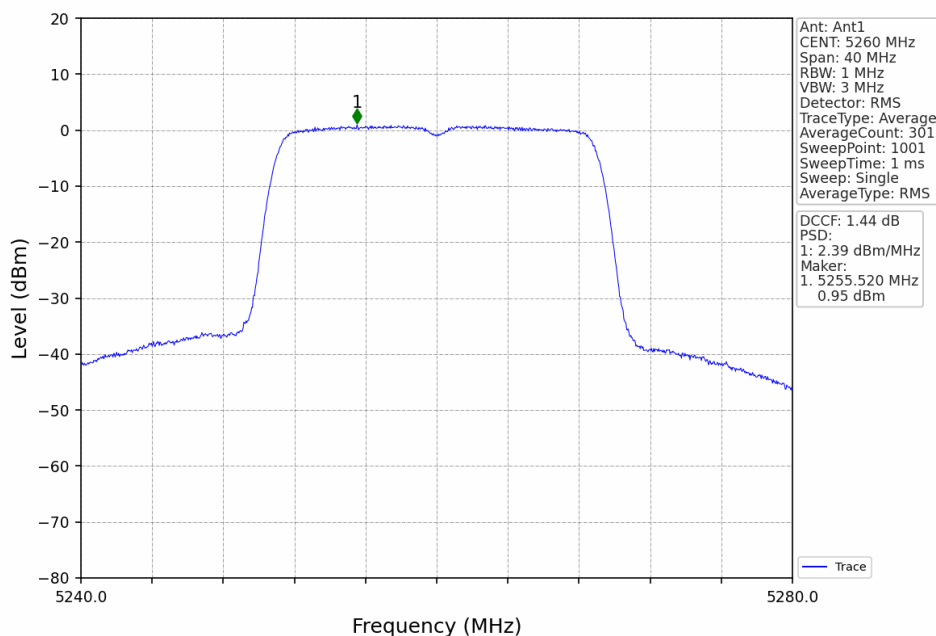
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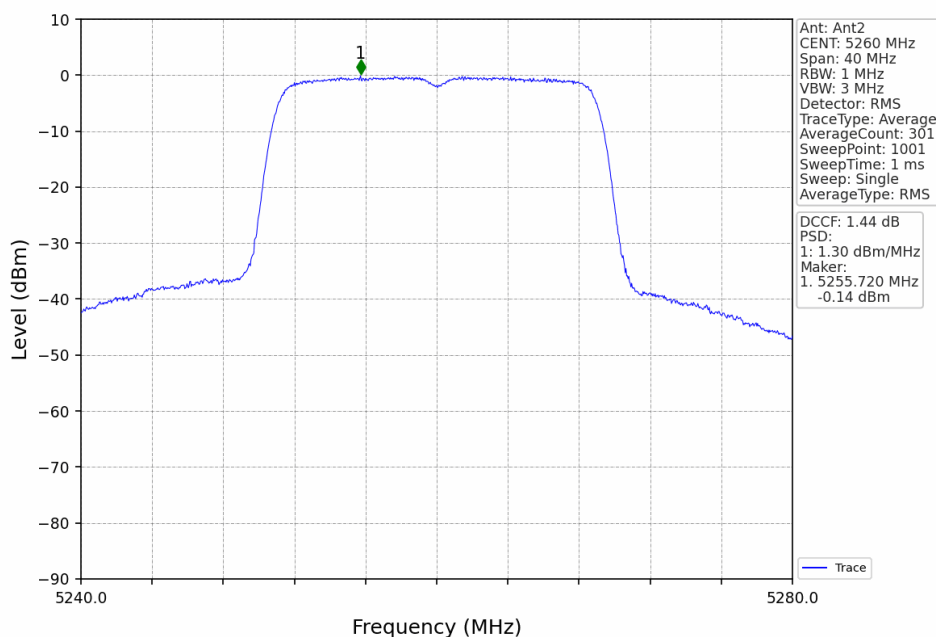
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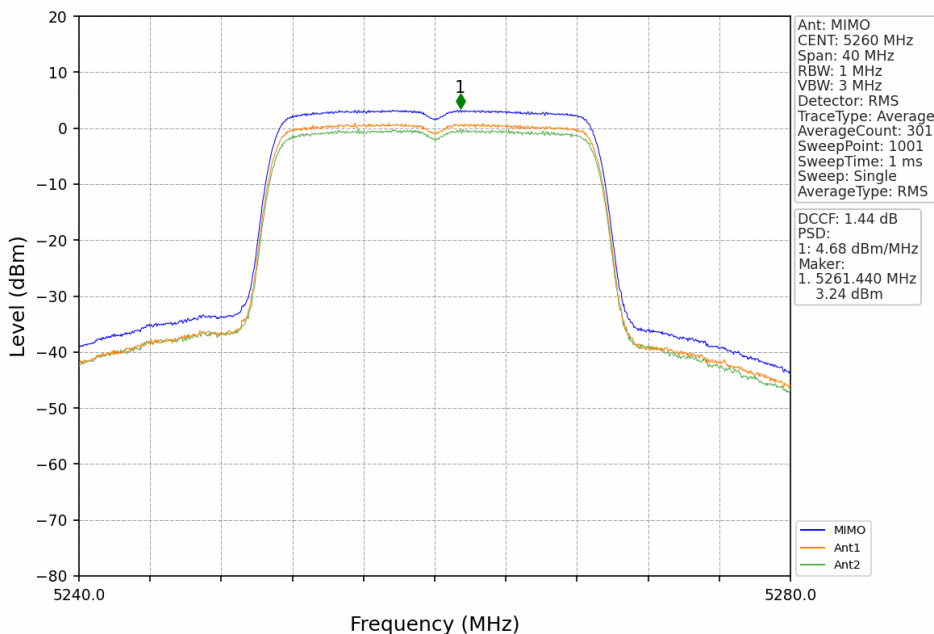
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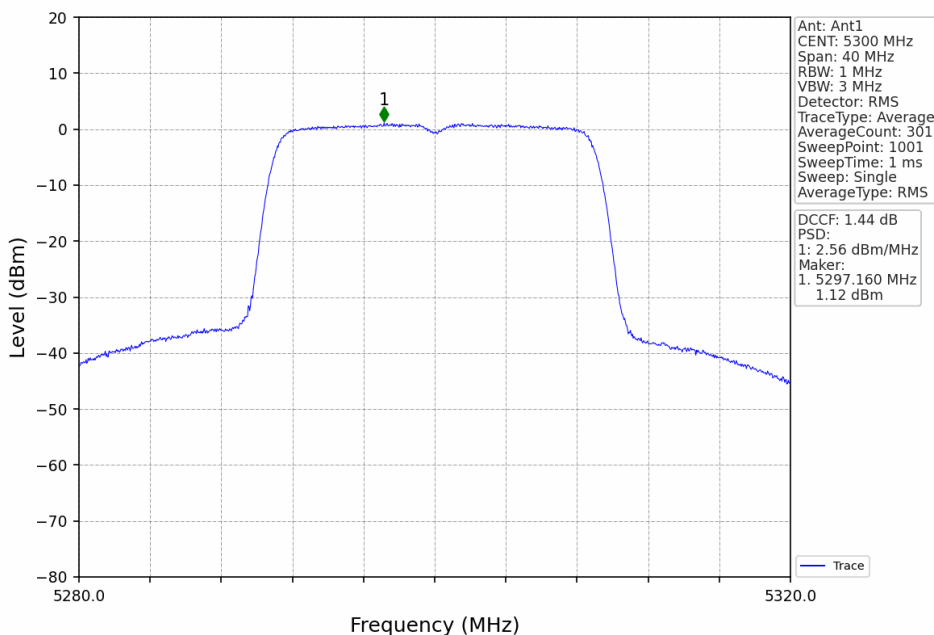
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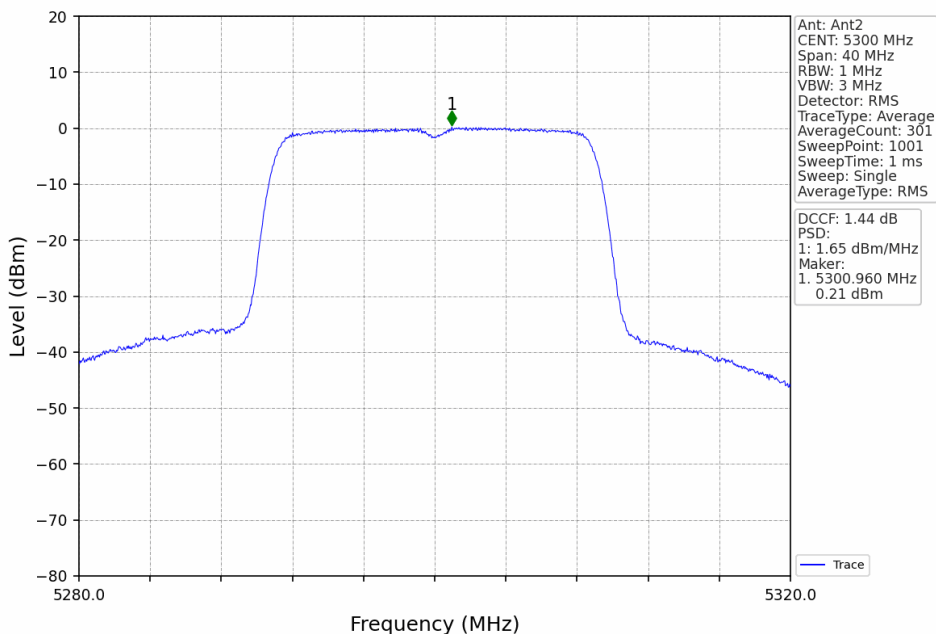
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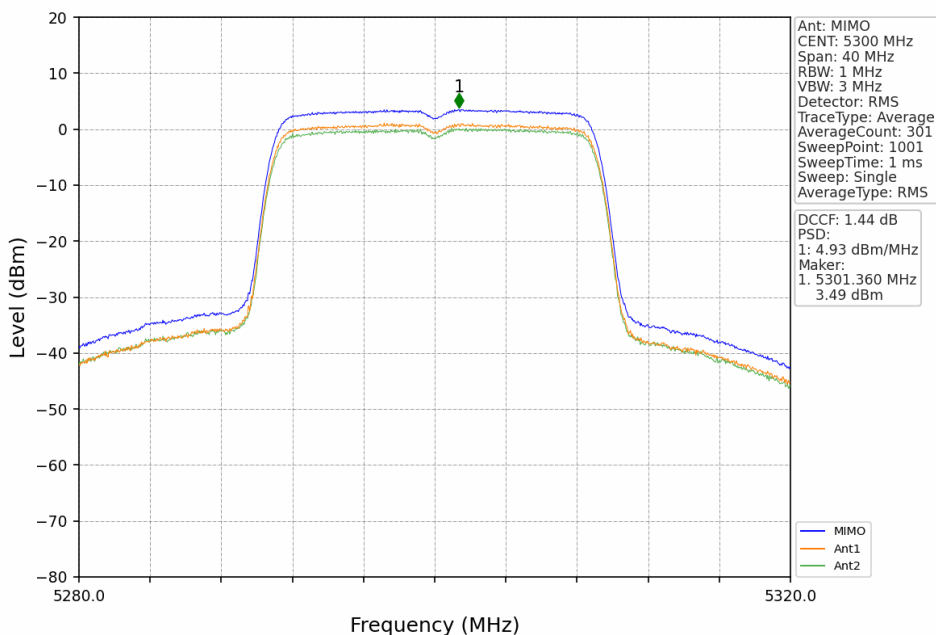
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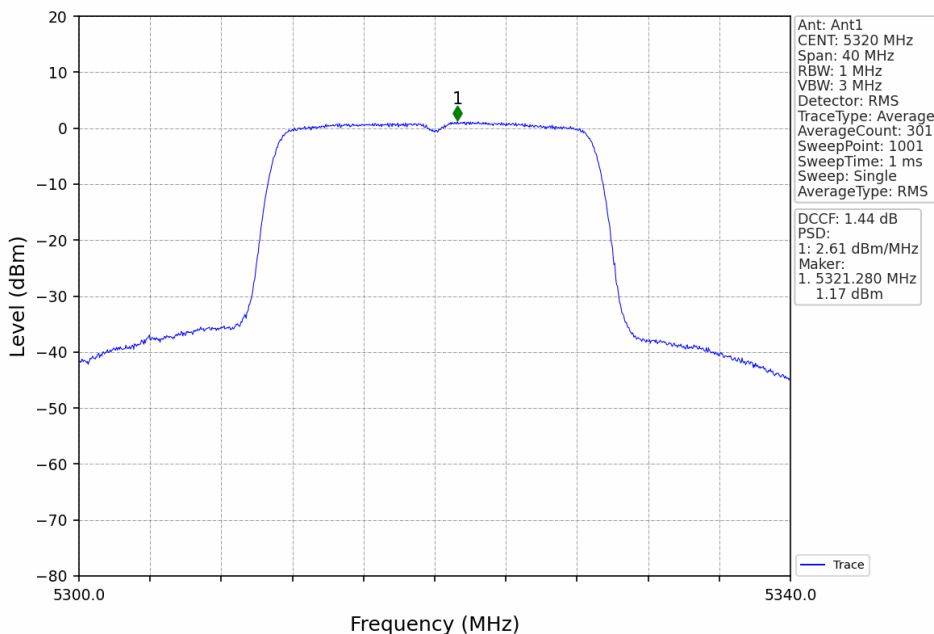
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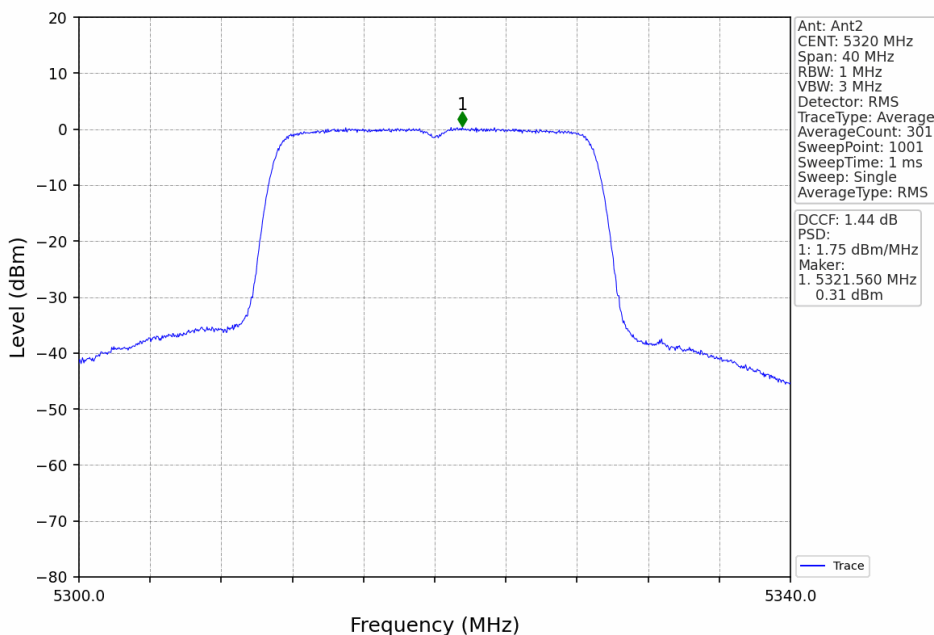
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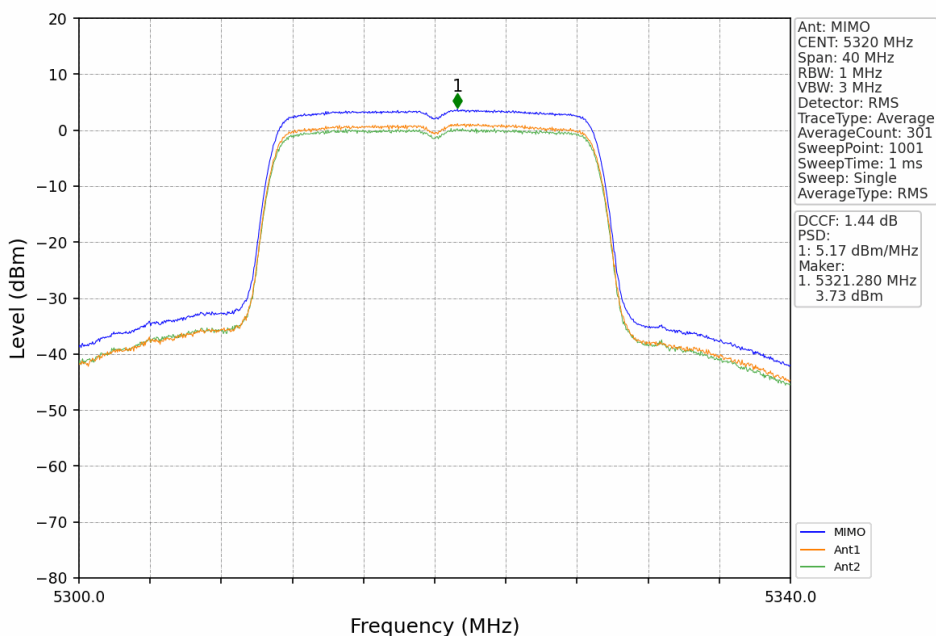
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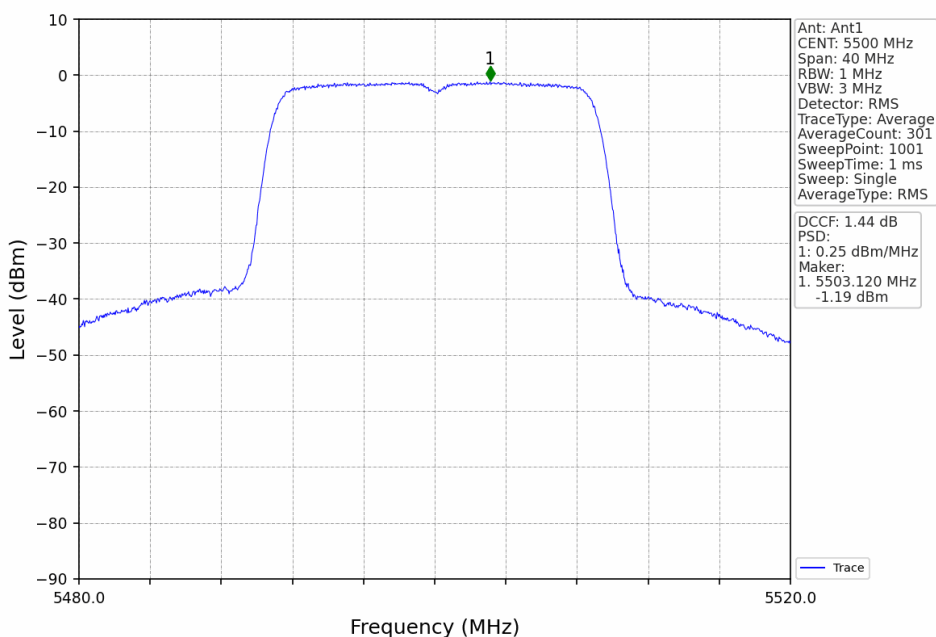
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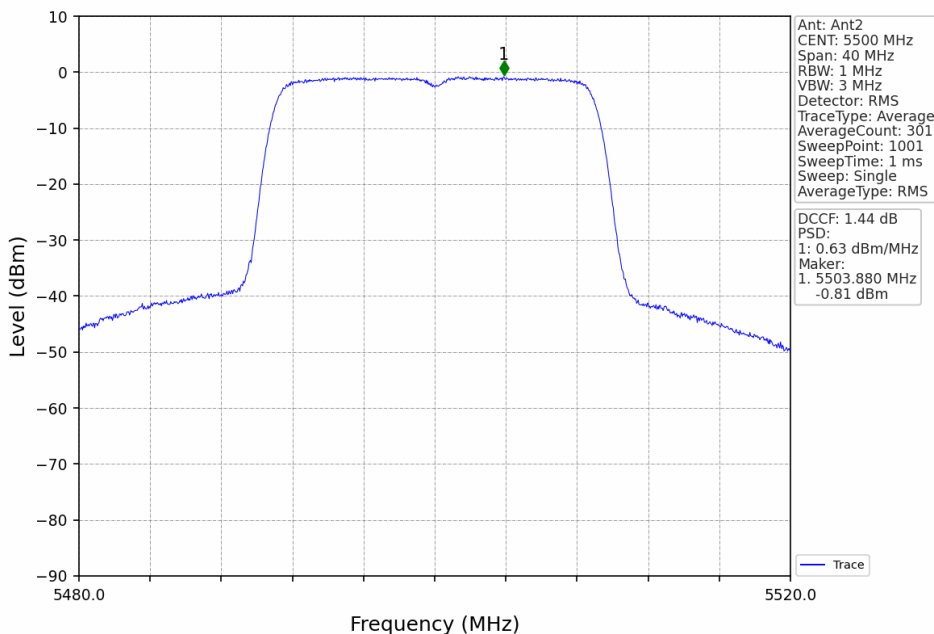
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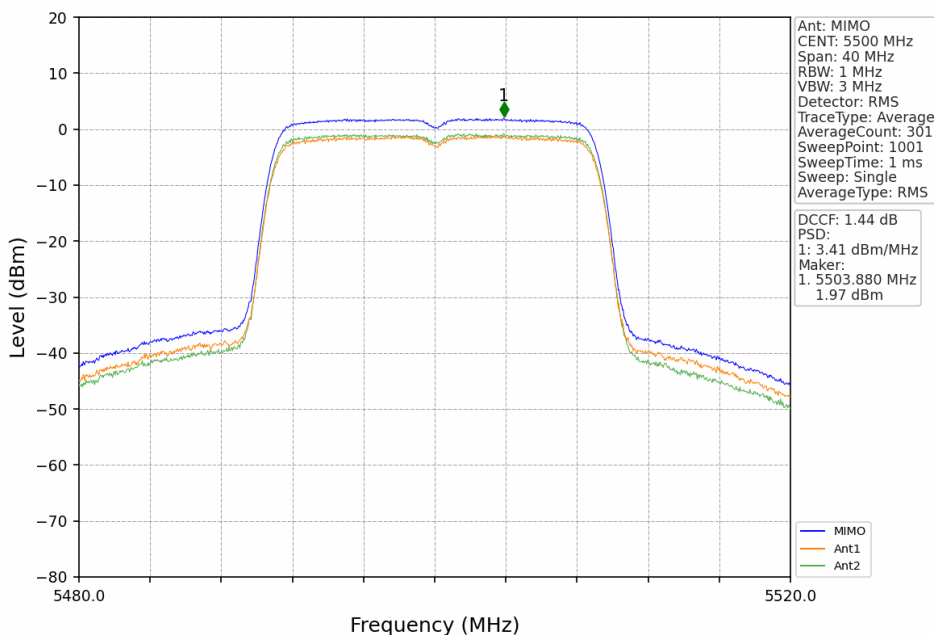
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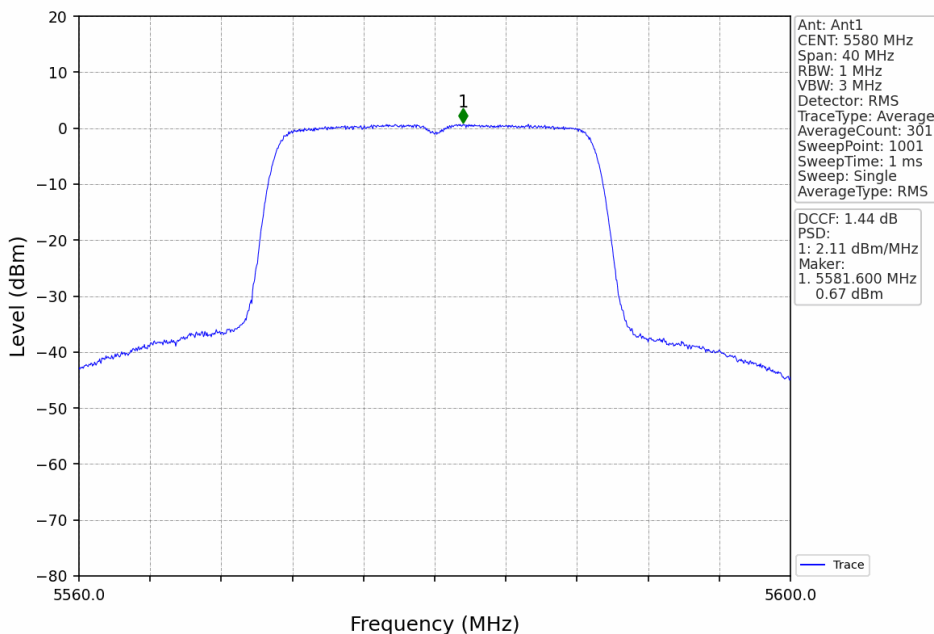
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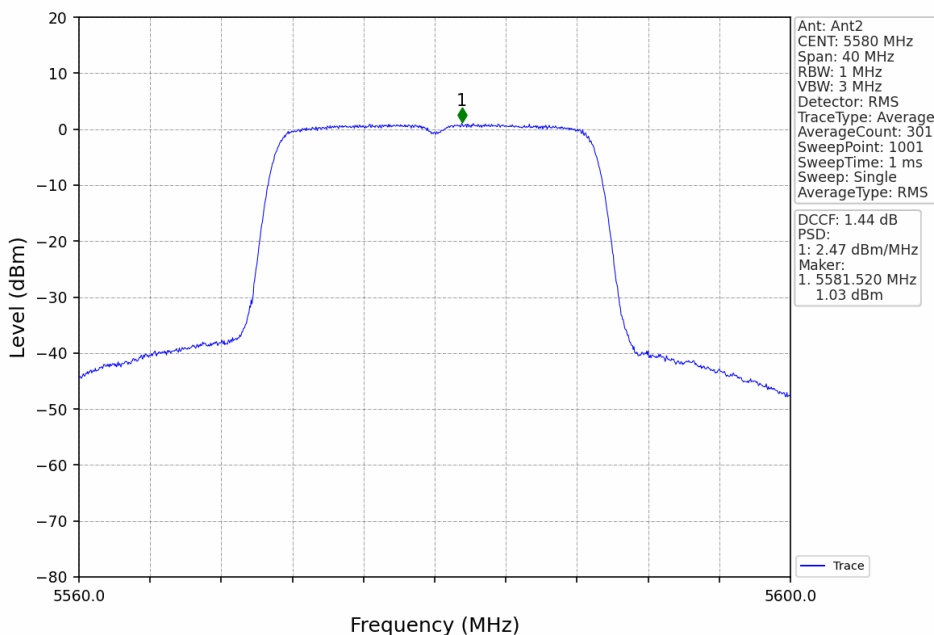
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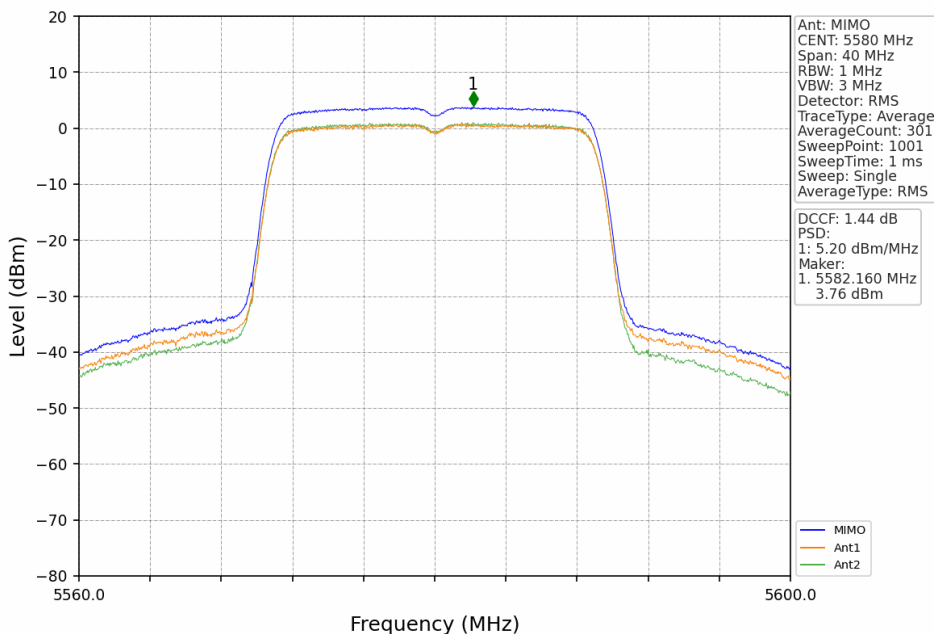
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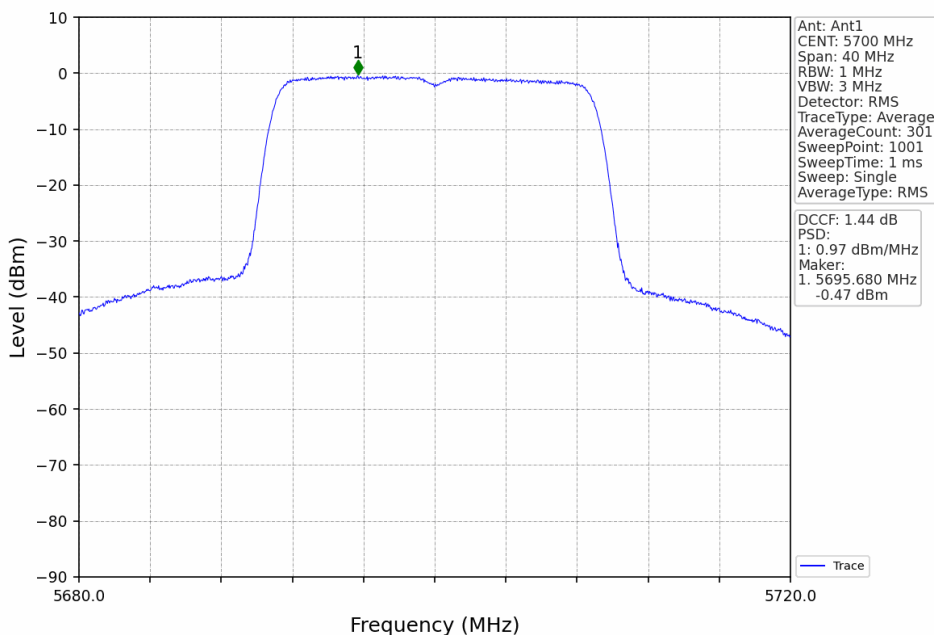
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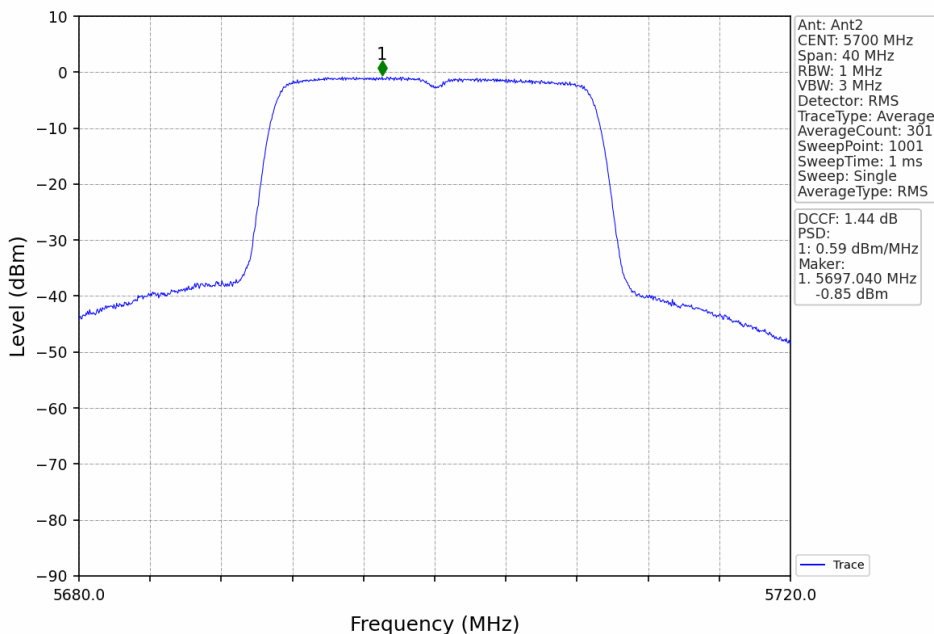
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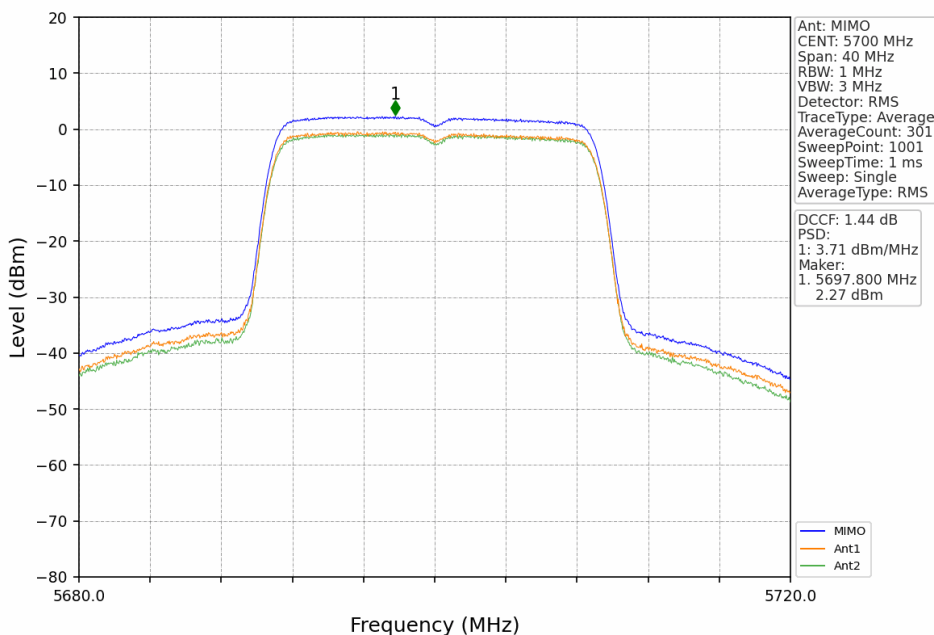
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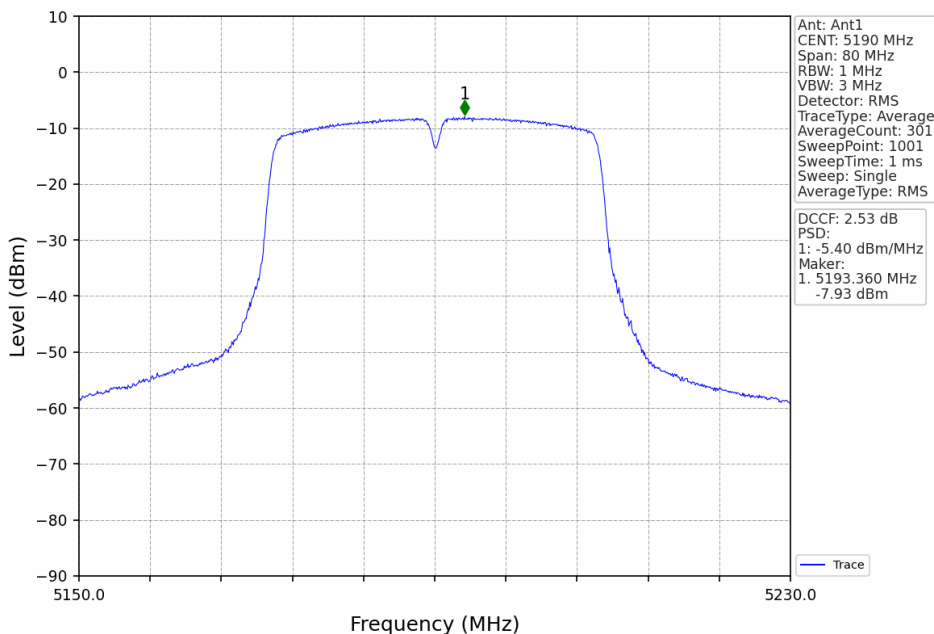
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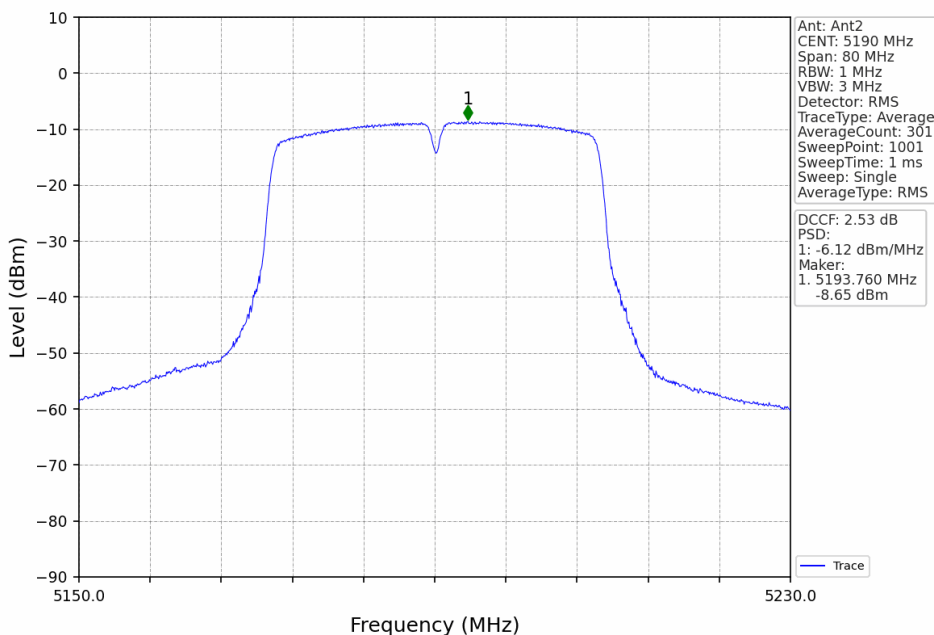
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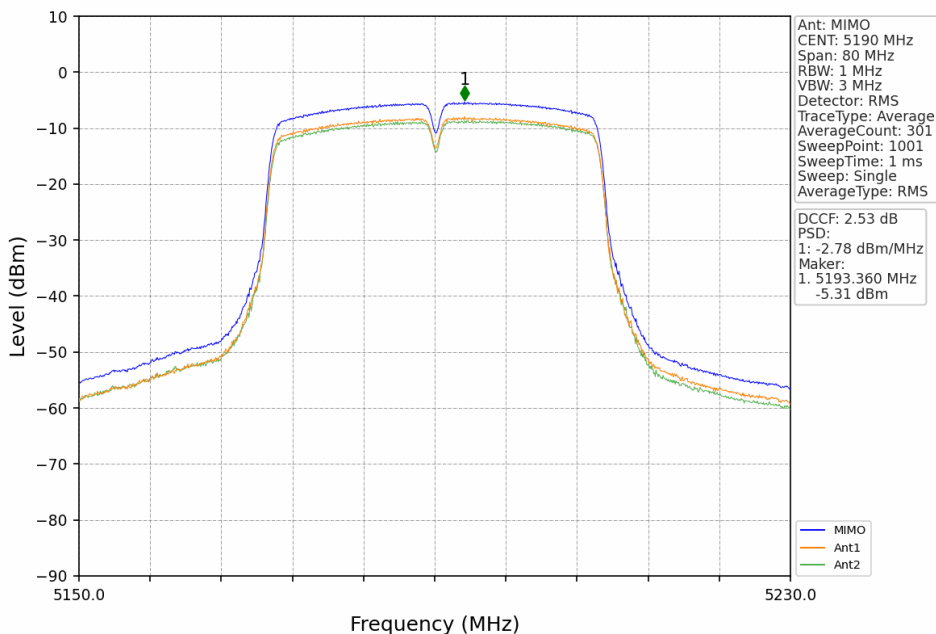
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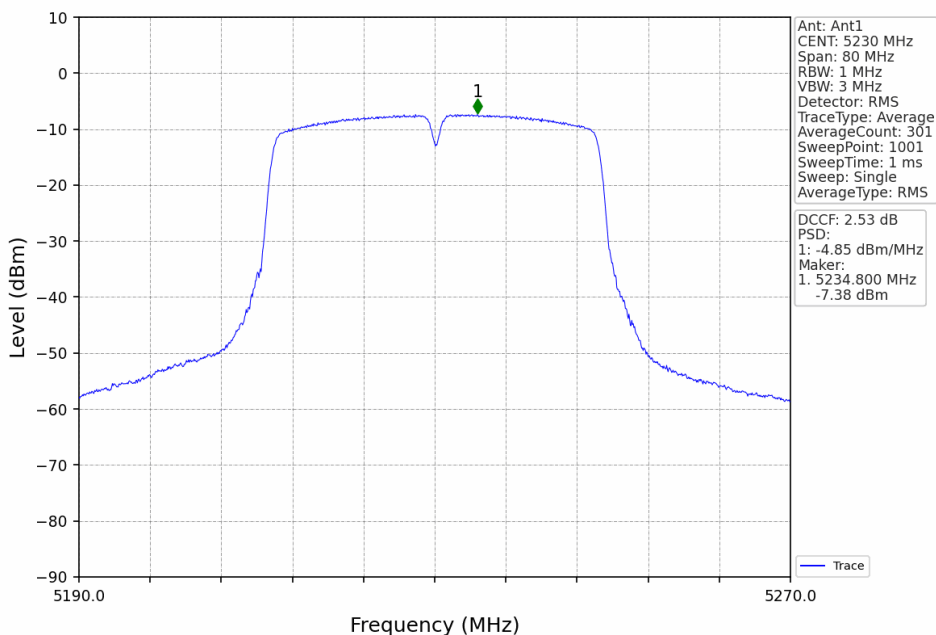
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802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



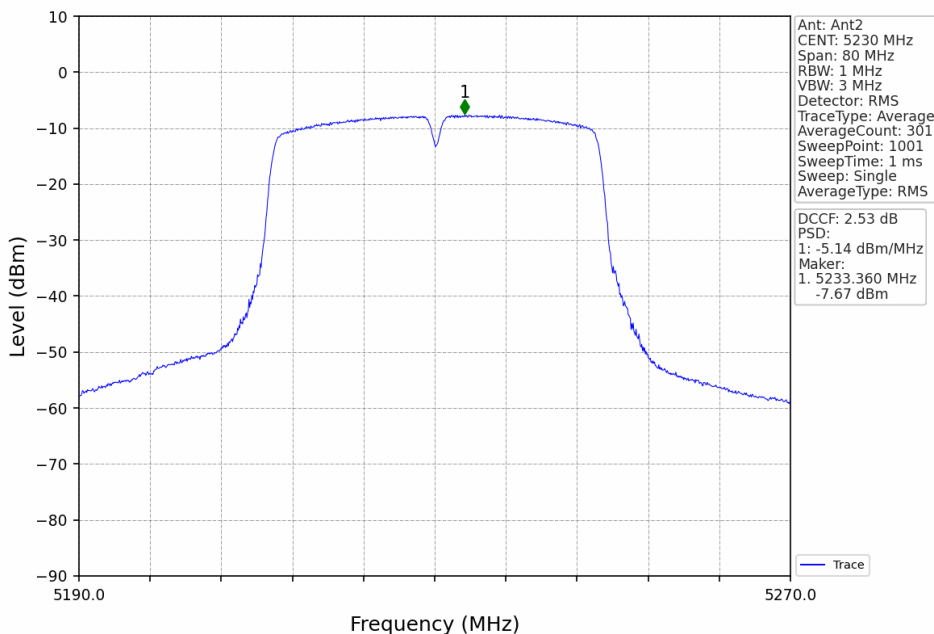
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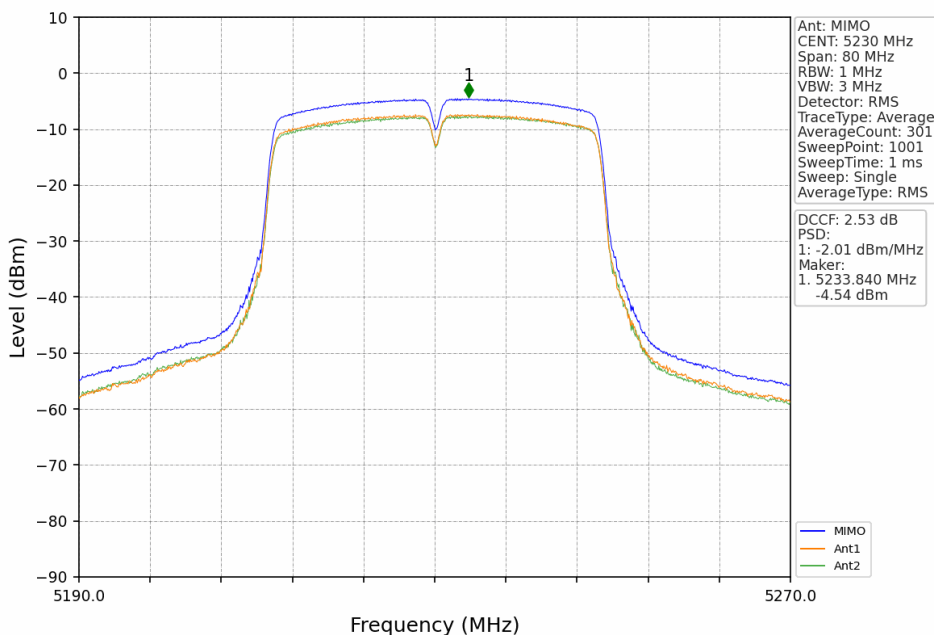
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802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



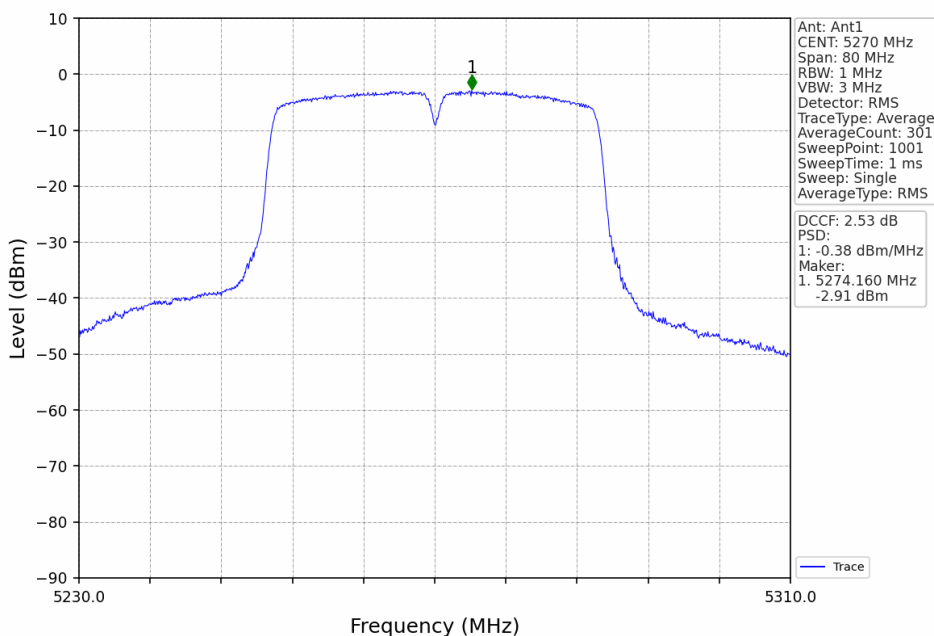
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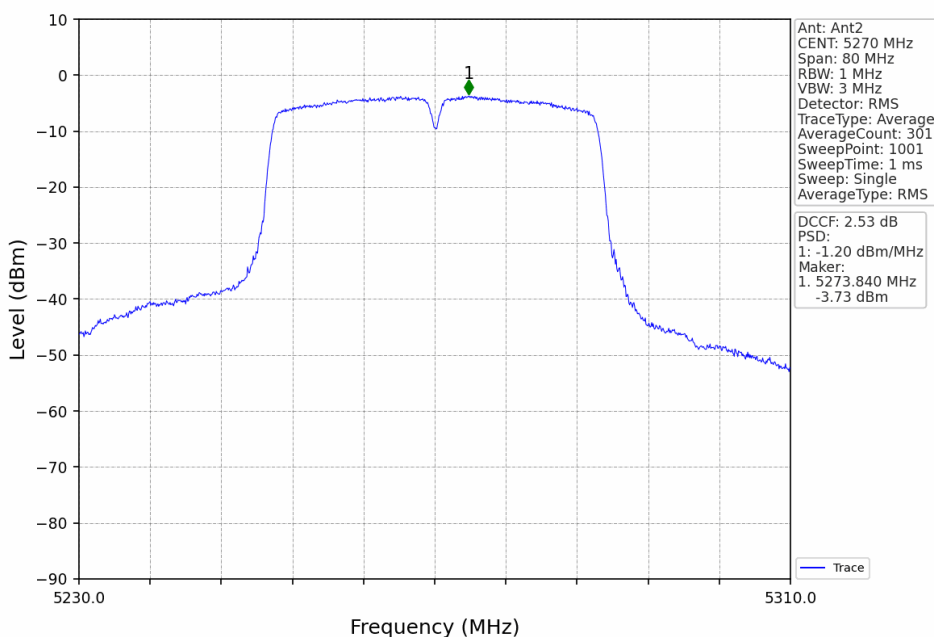
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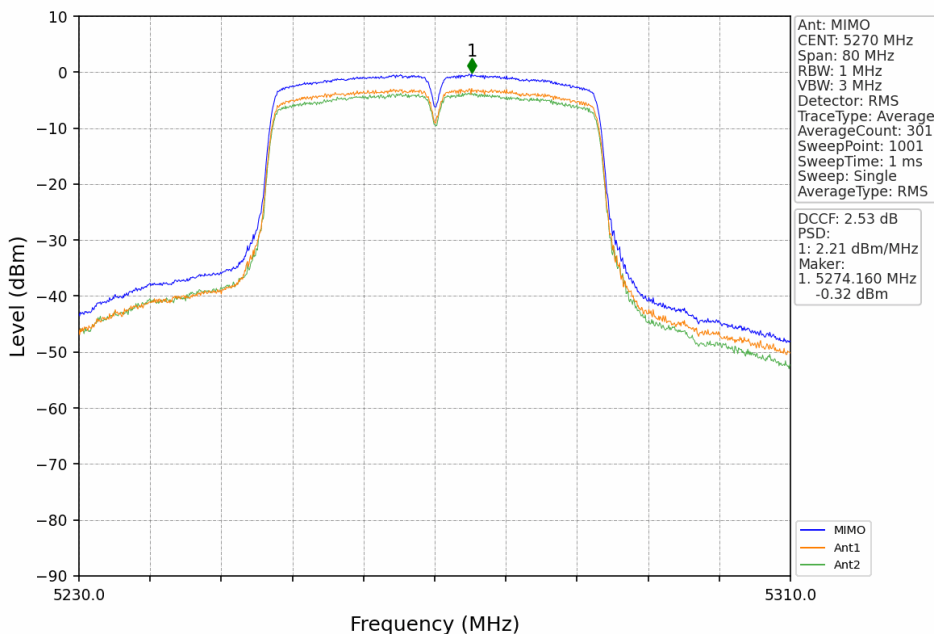
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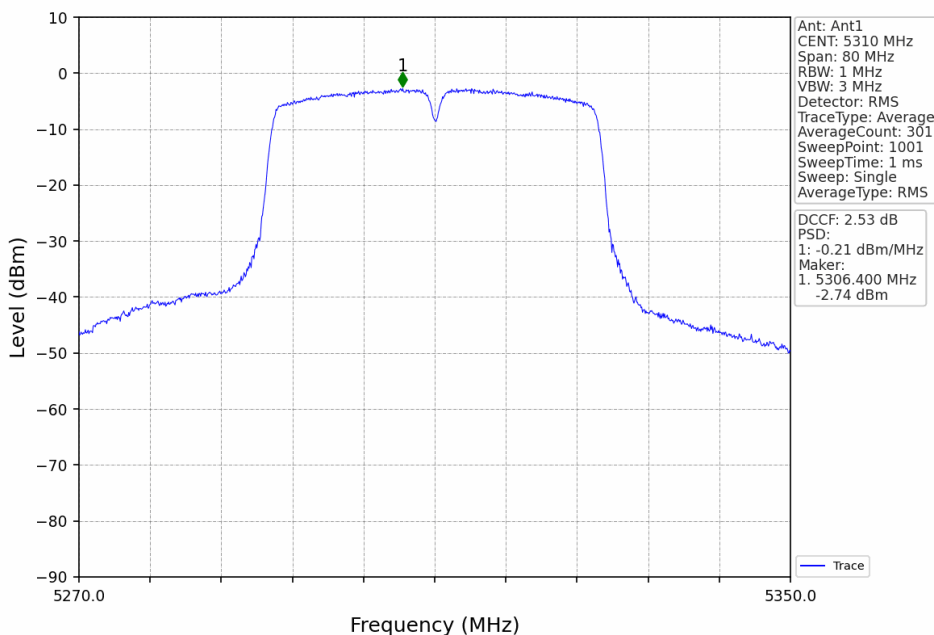
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802.11n(HT40)_LCH_5270MHz_MIMO_NTNV



802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



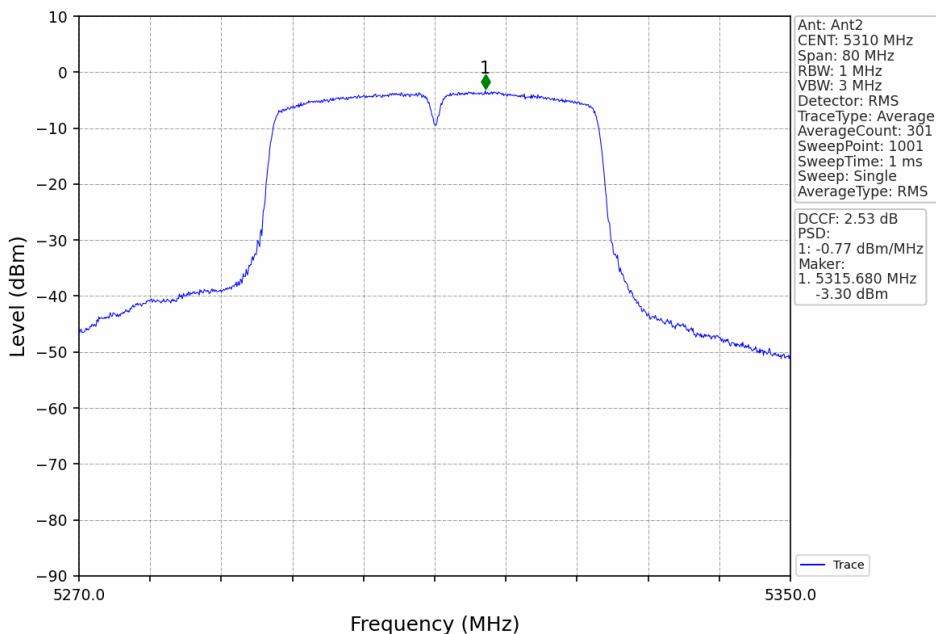
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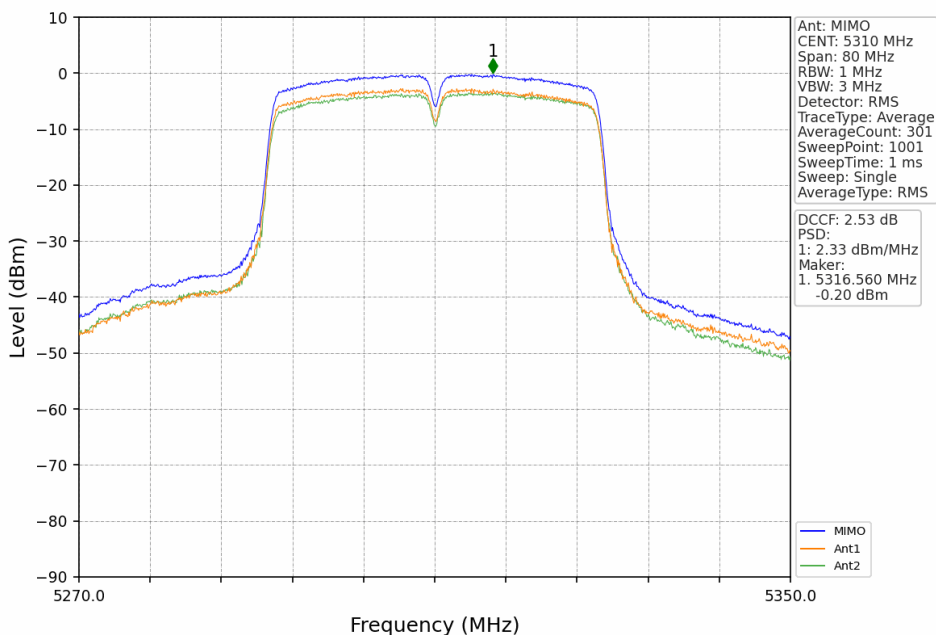
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Shenzhen Branch Testing & Calibration Laboratory

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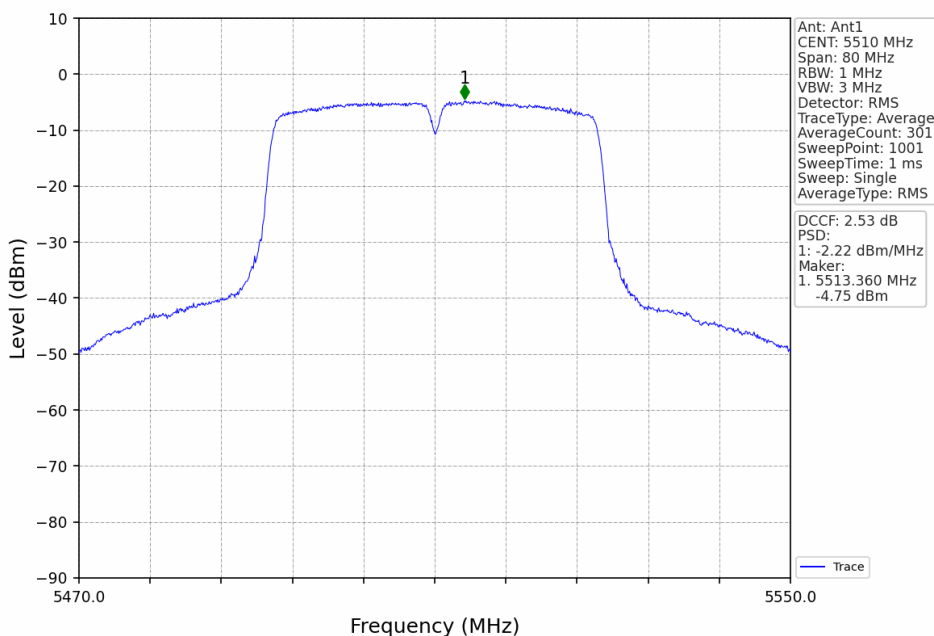
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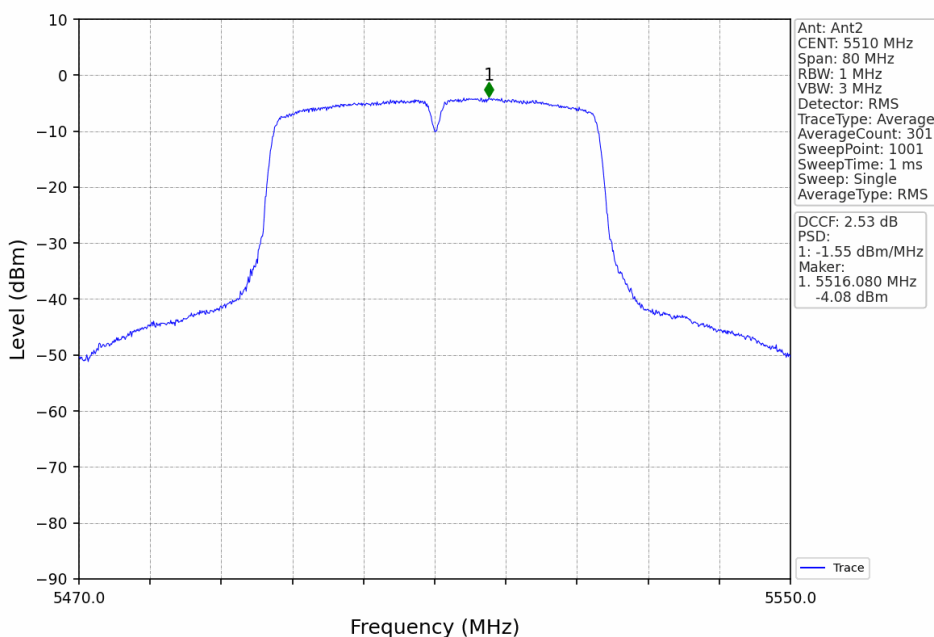
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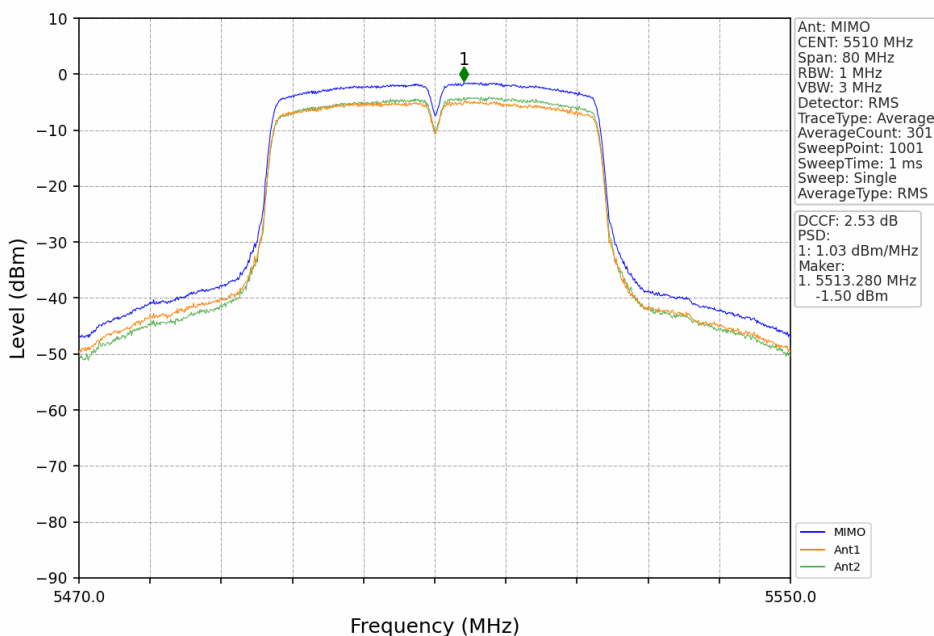
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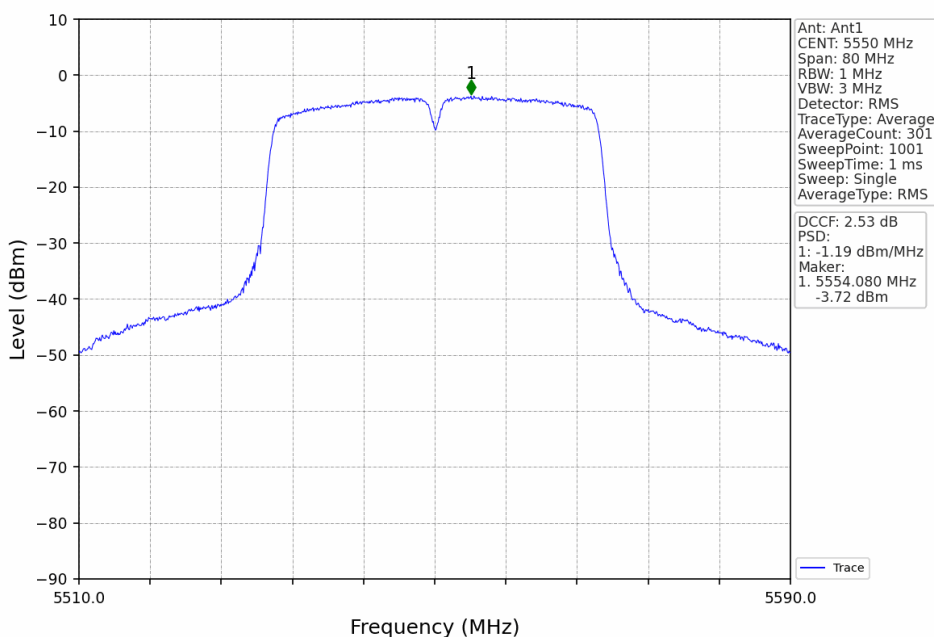
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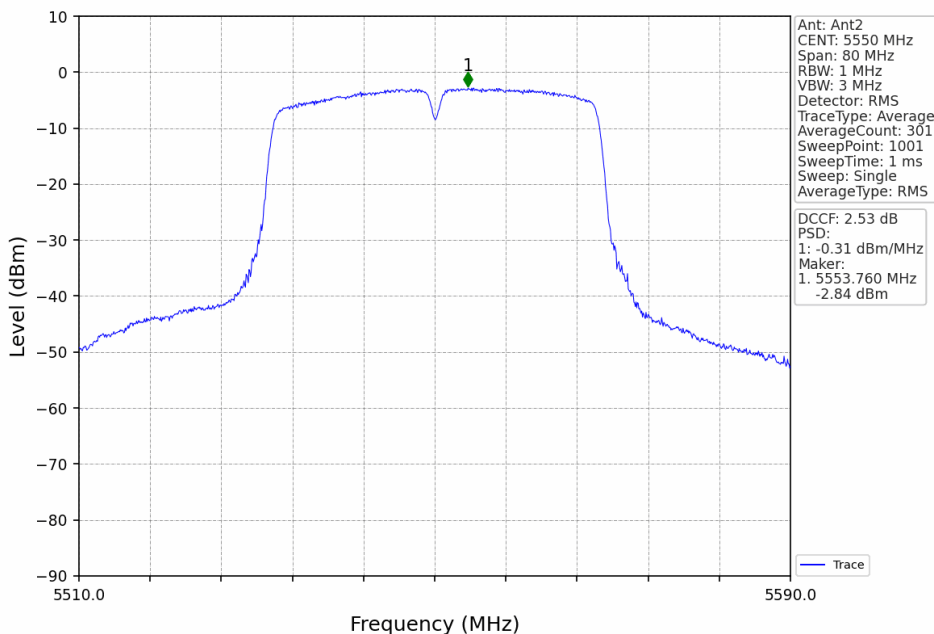
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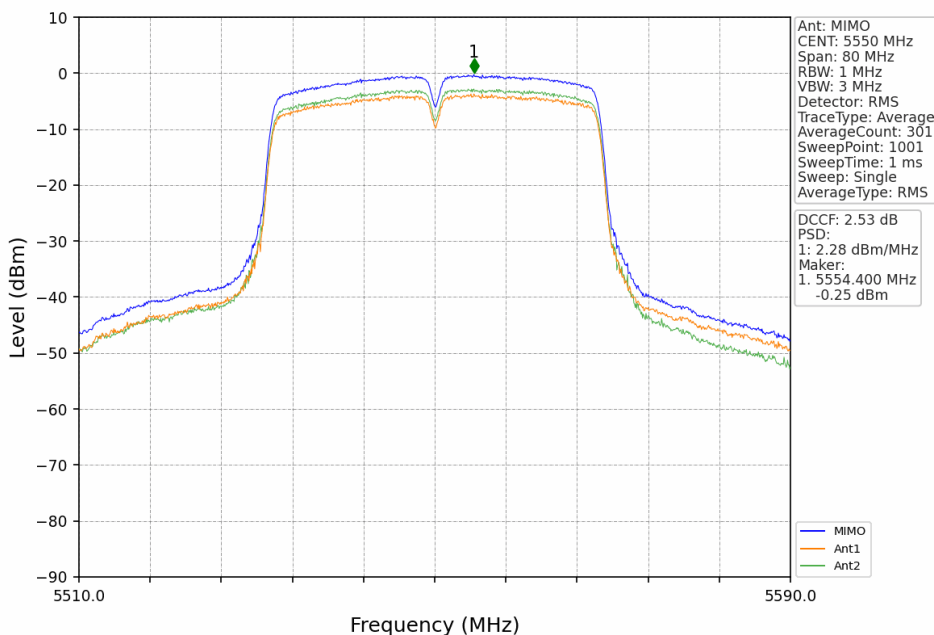
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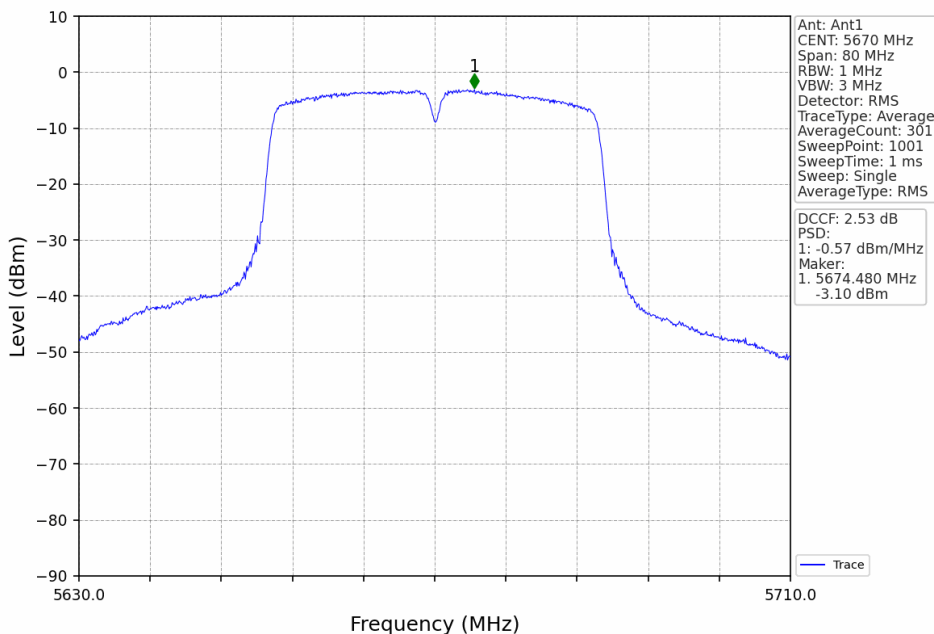
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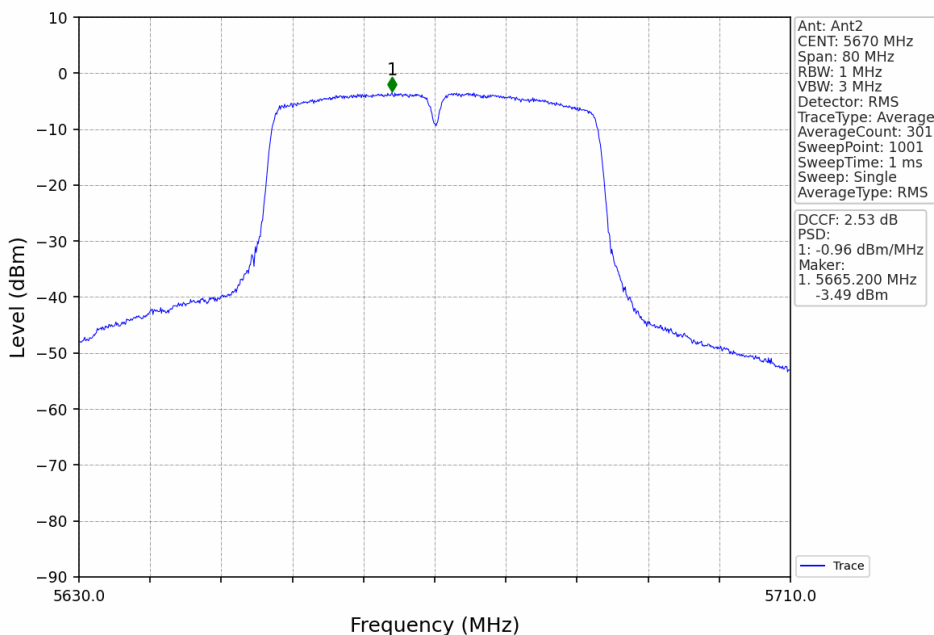
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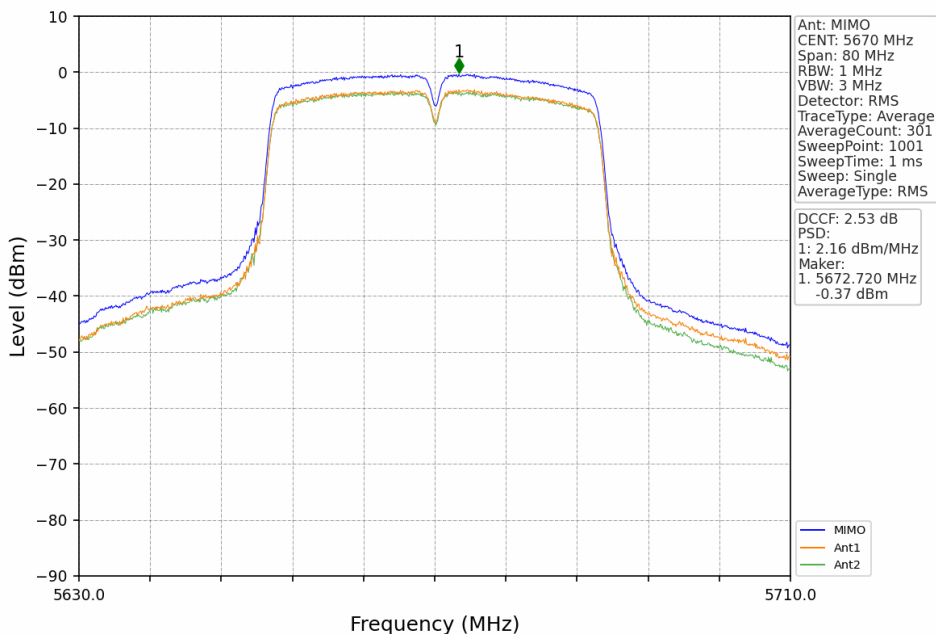
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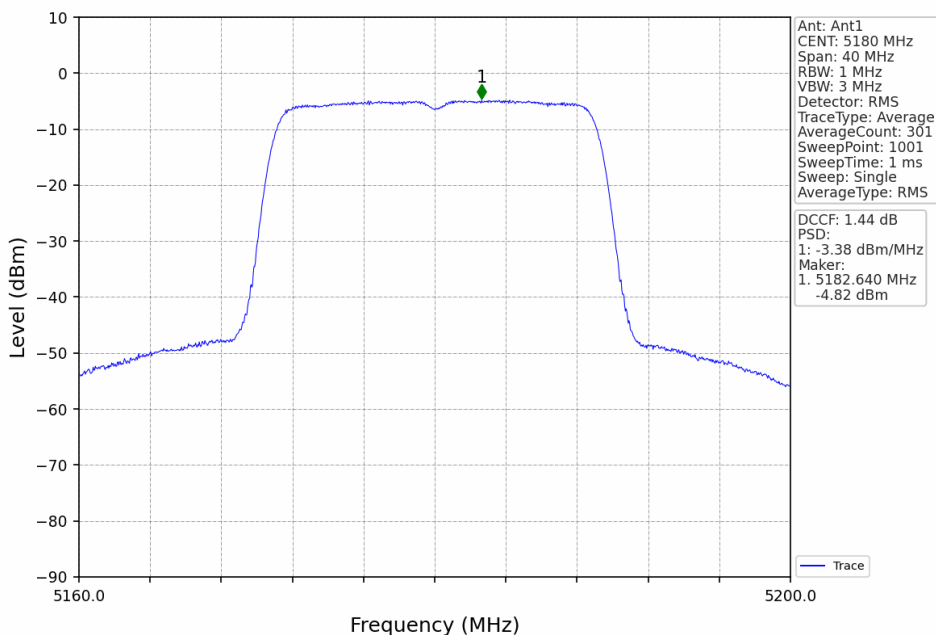
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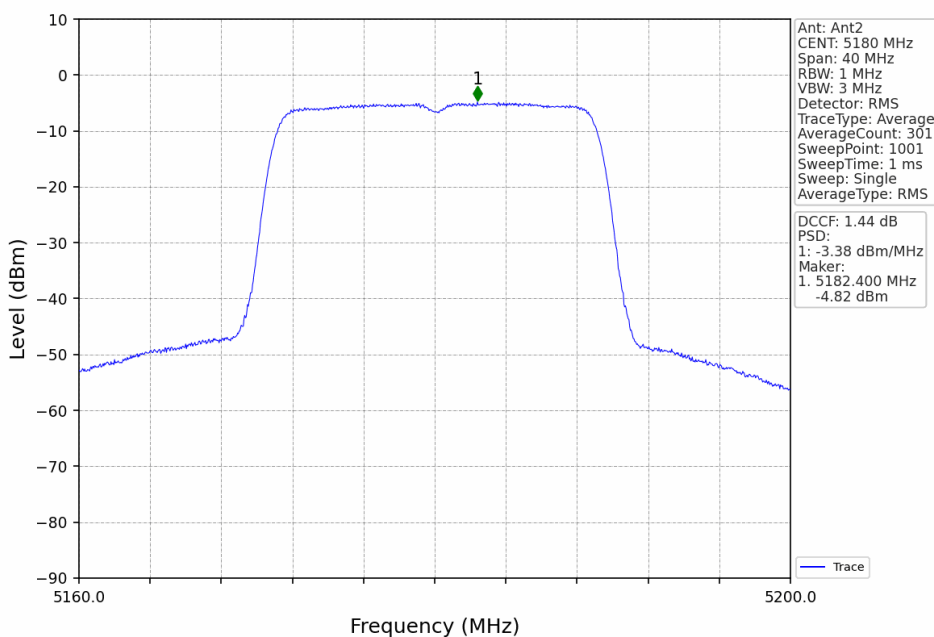
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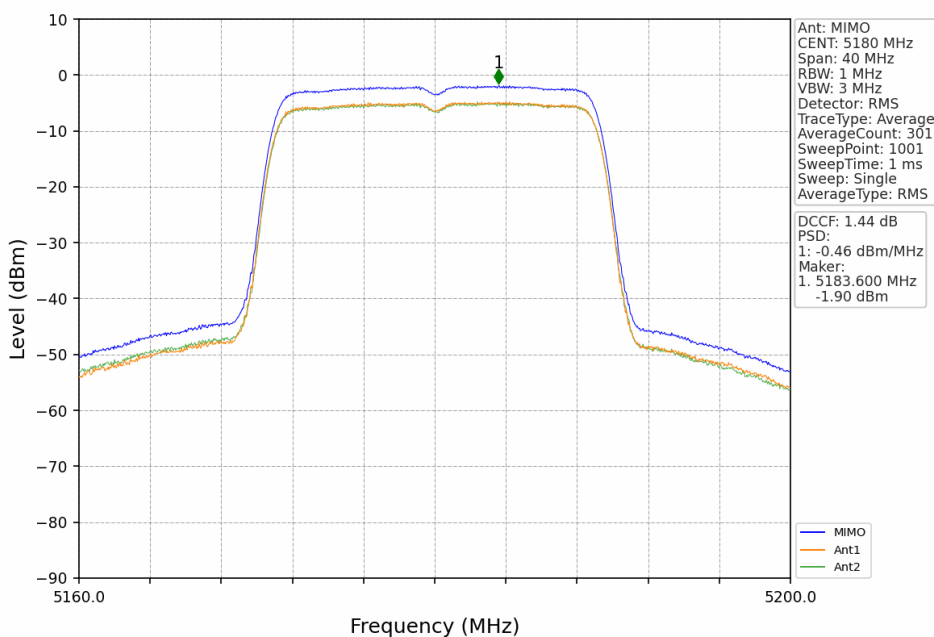
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802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



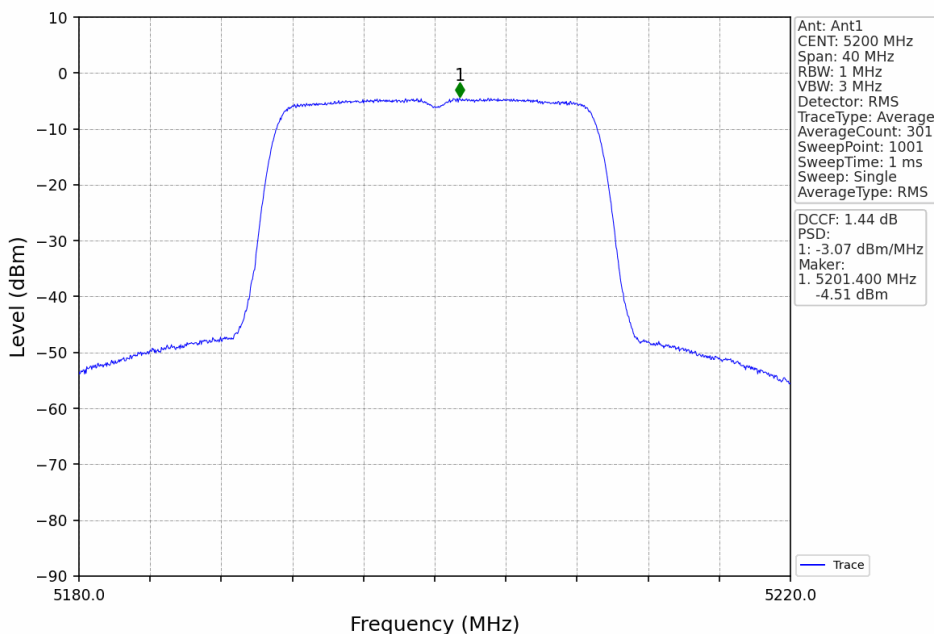
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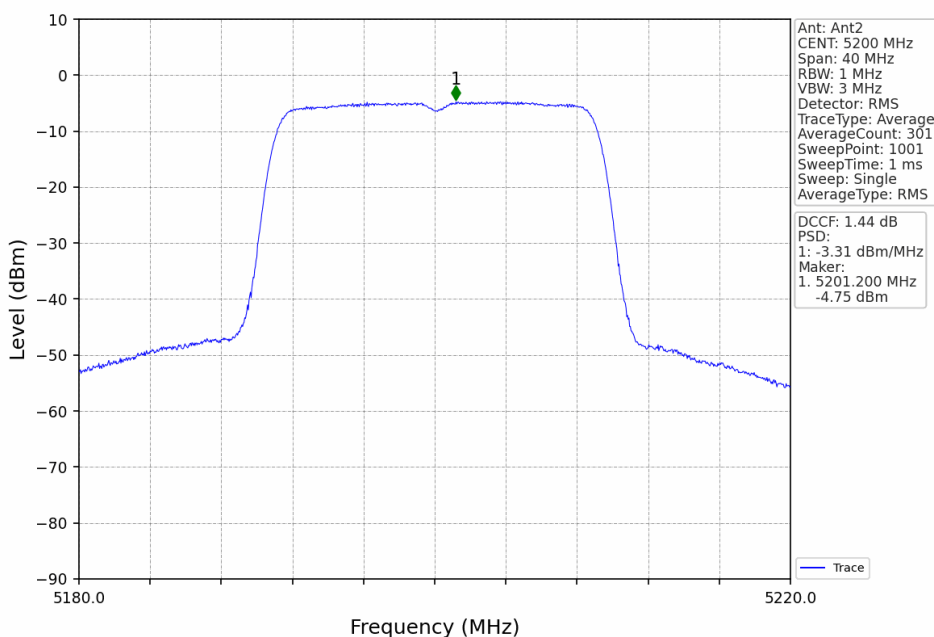
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

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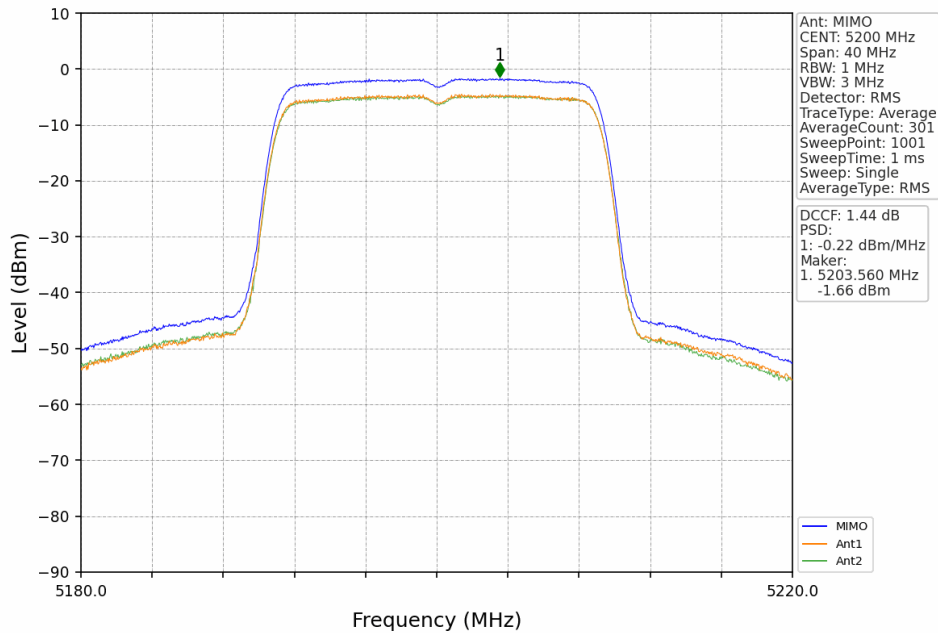


802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV

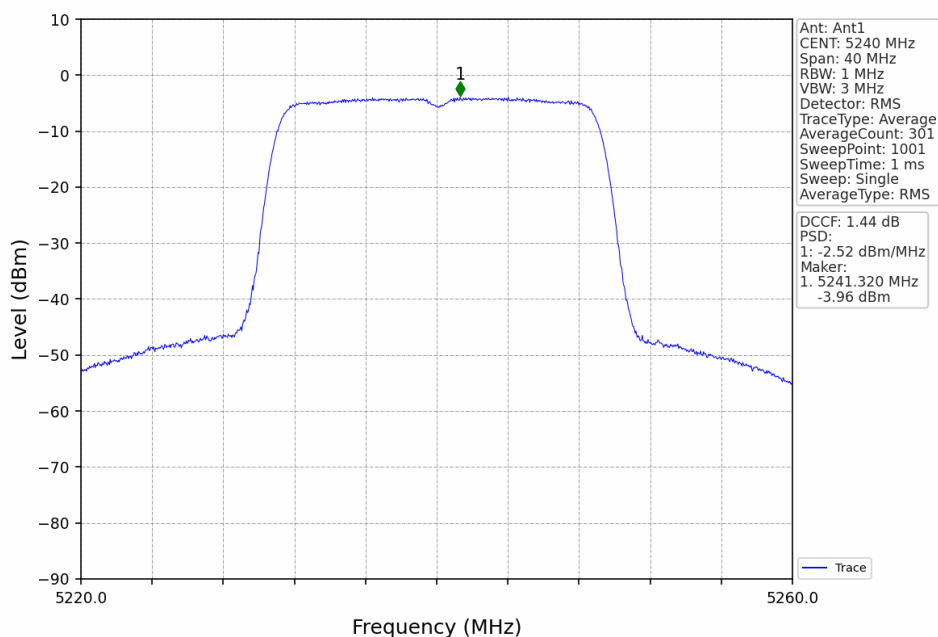


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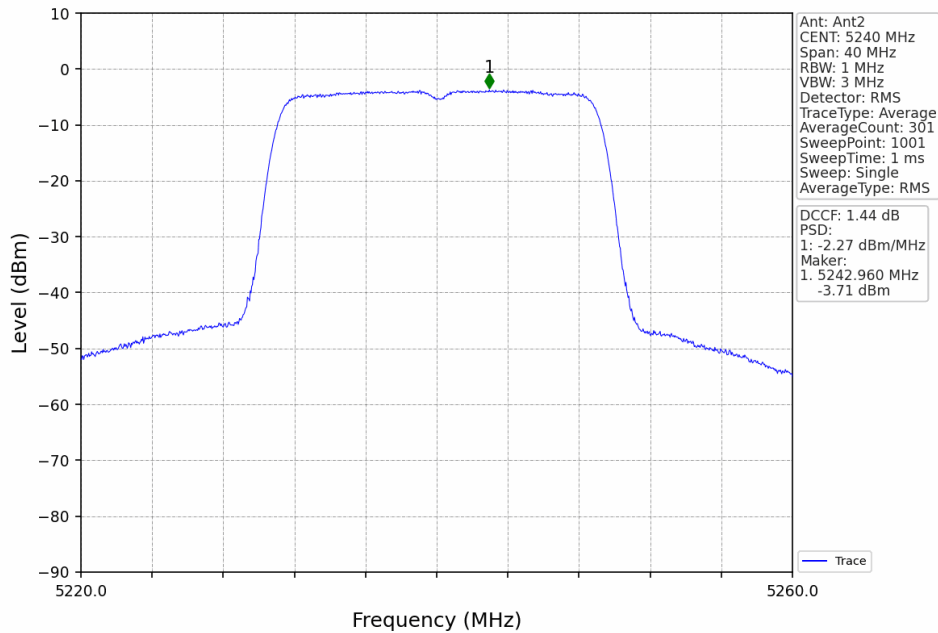


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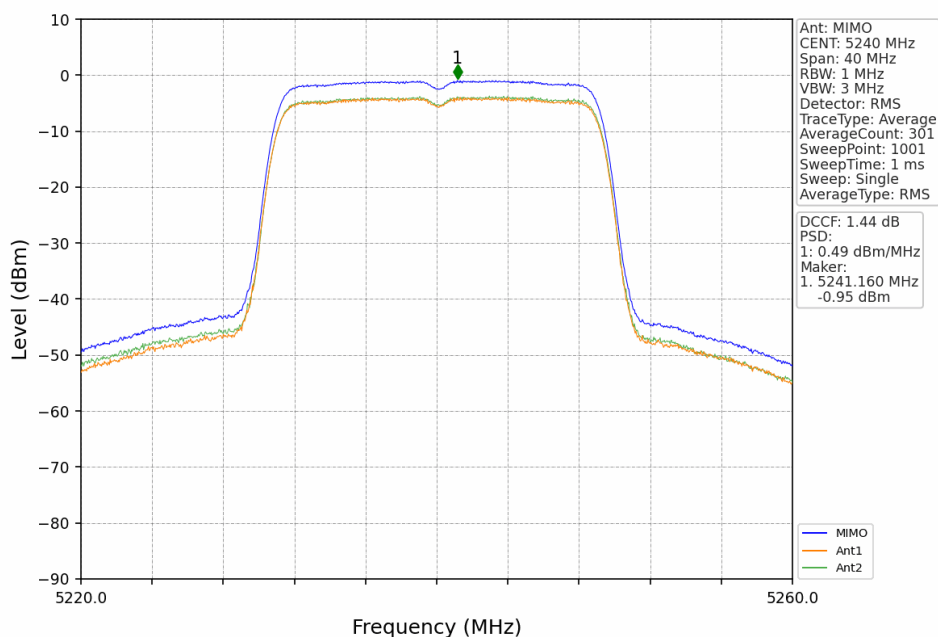


802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV





802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

