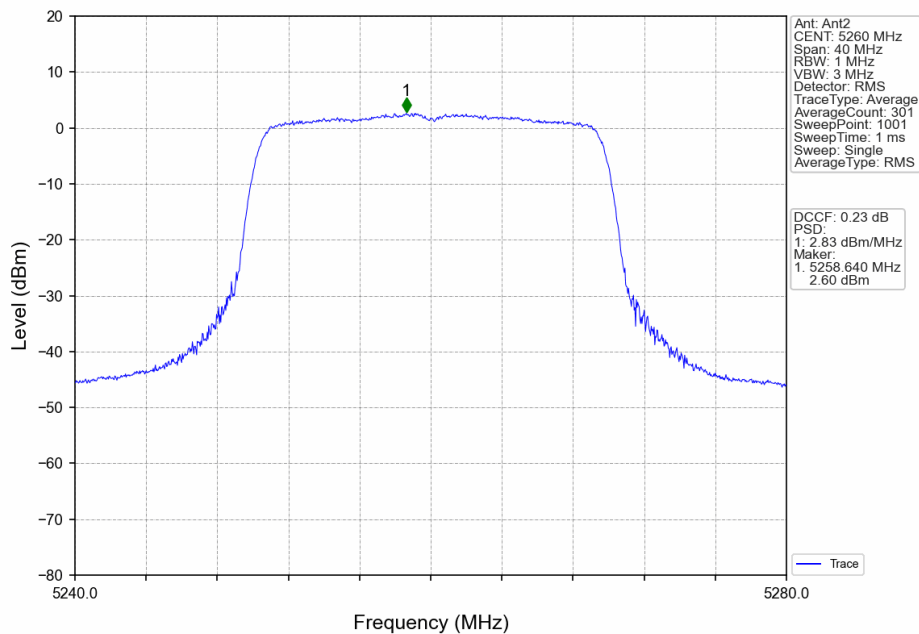
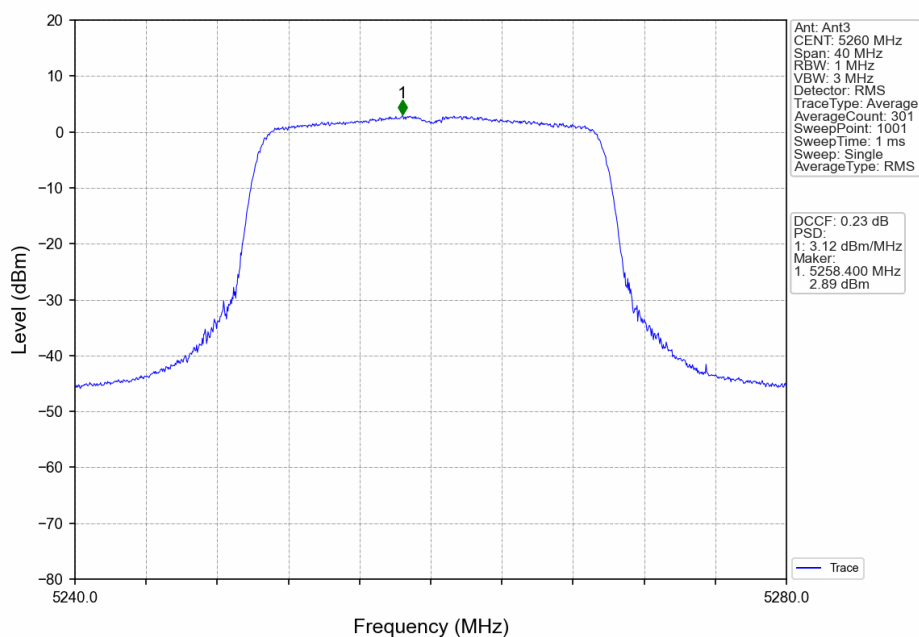


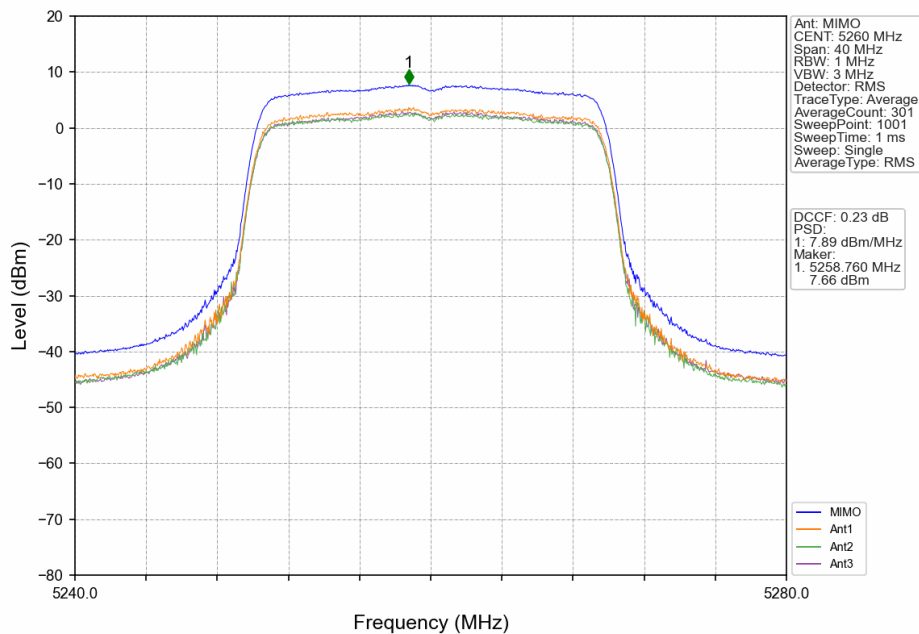
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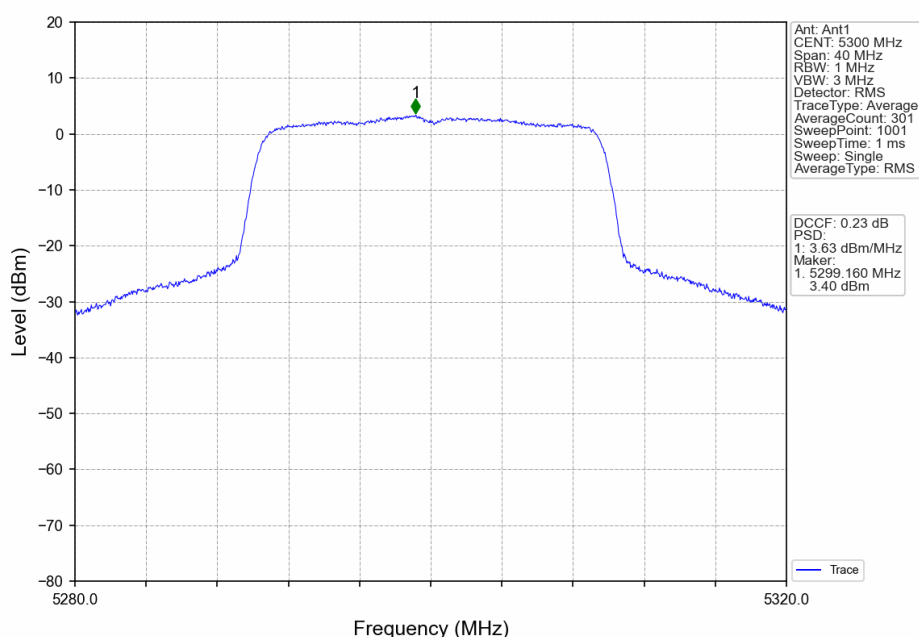
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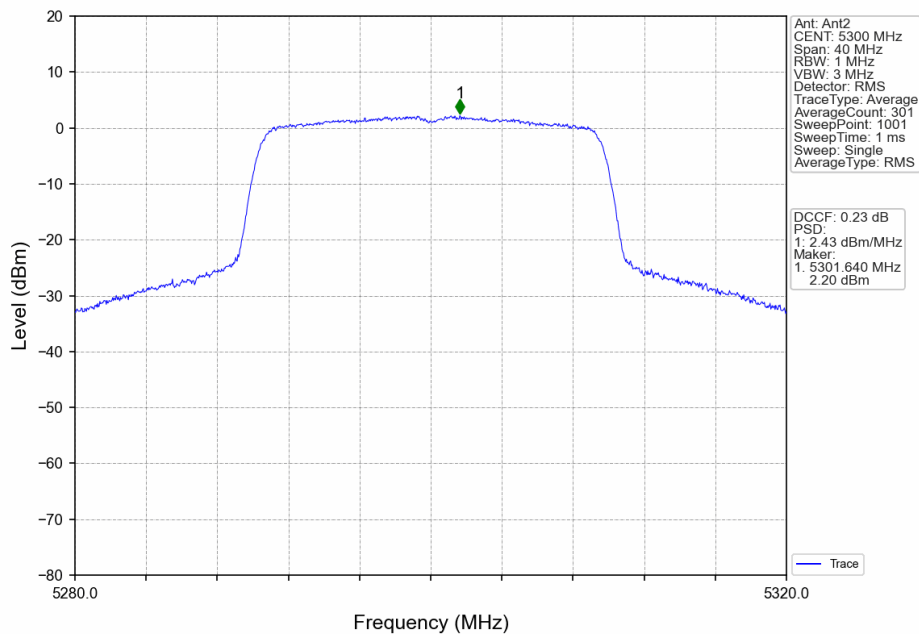
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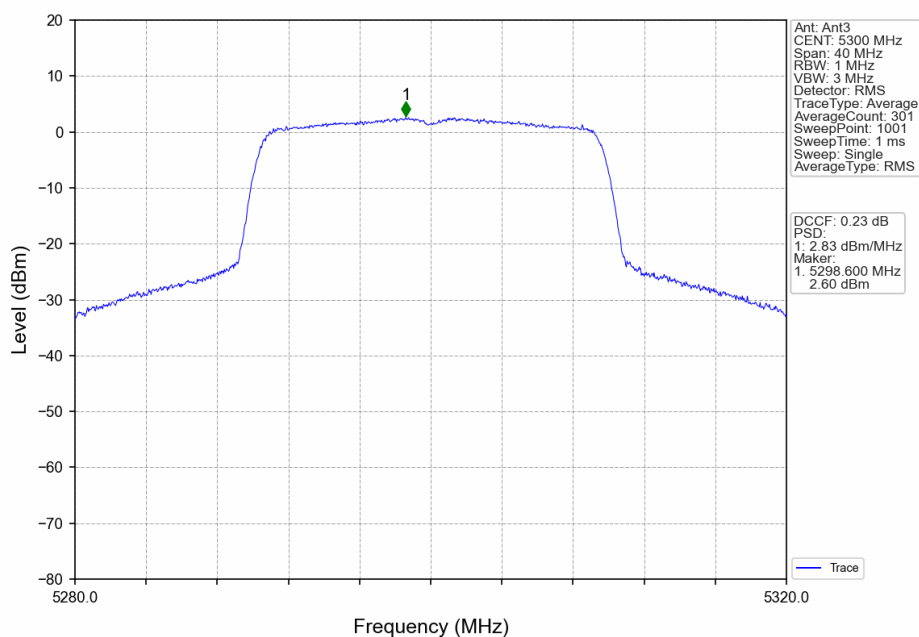
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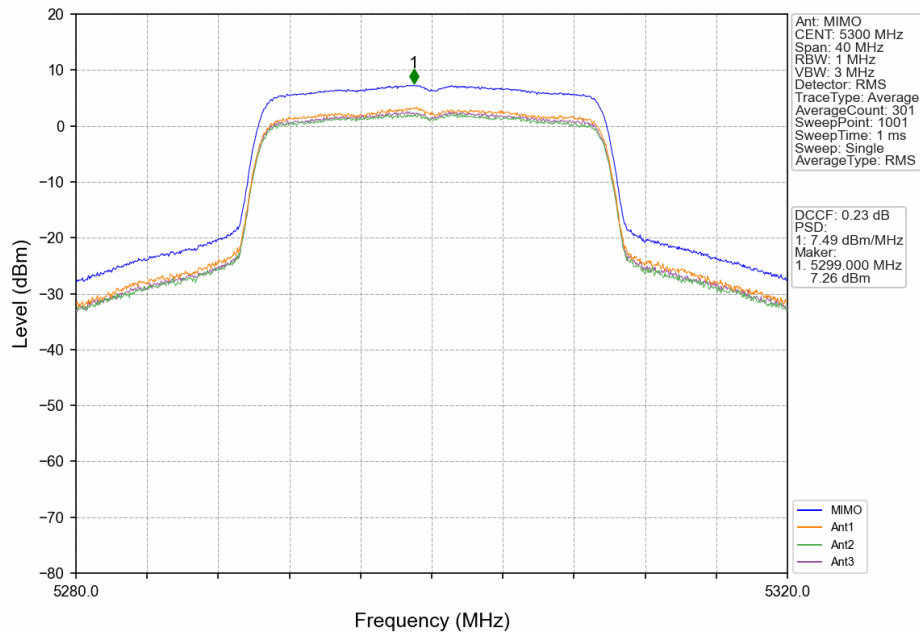
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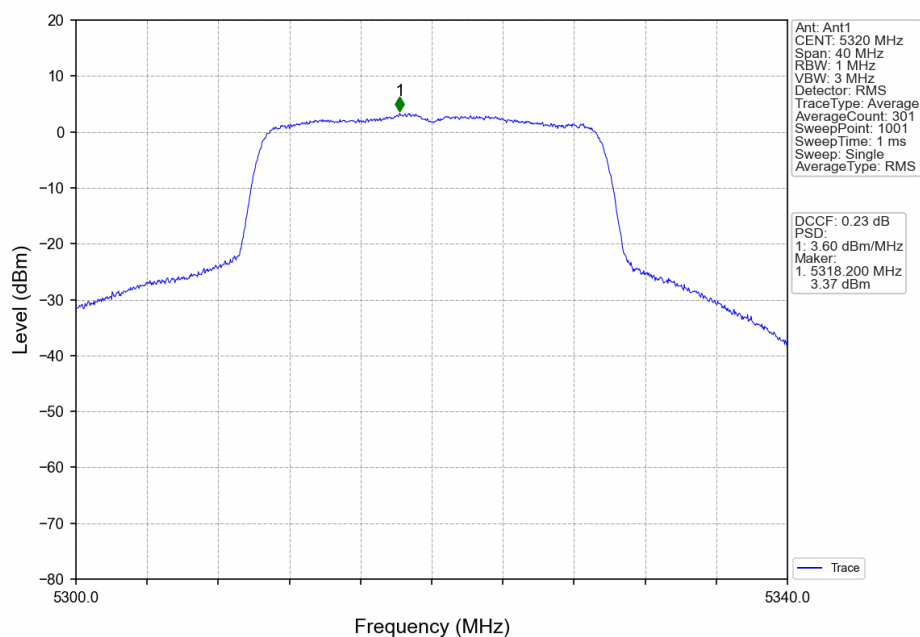
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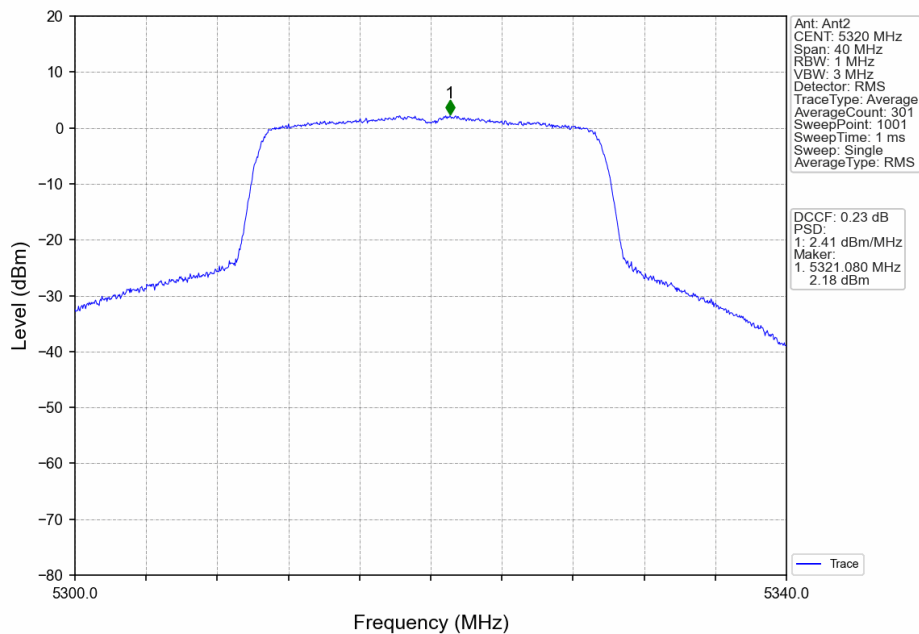
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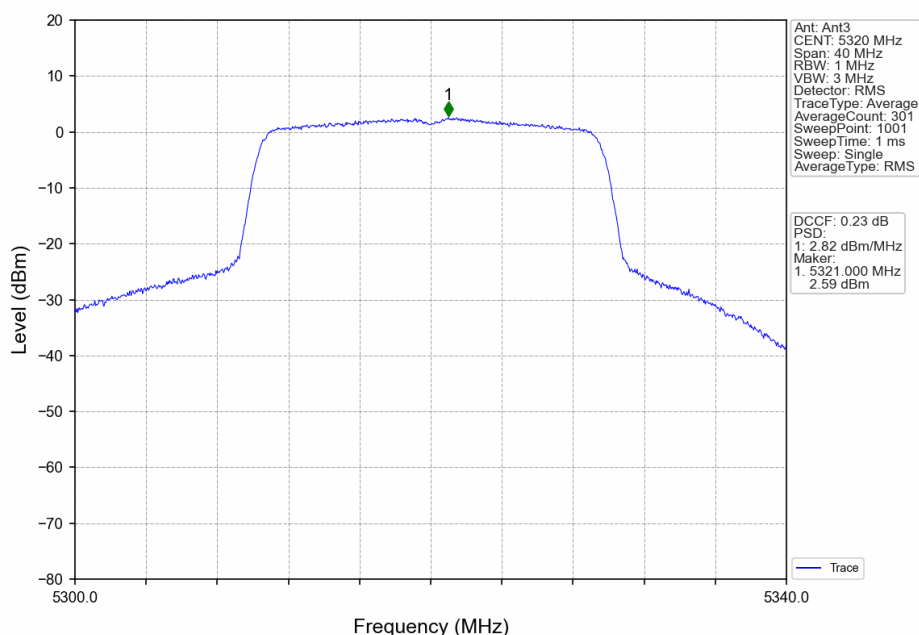
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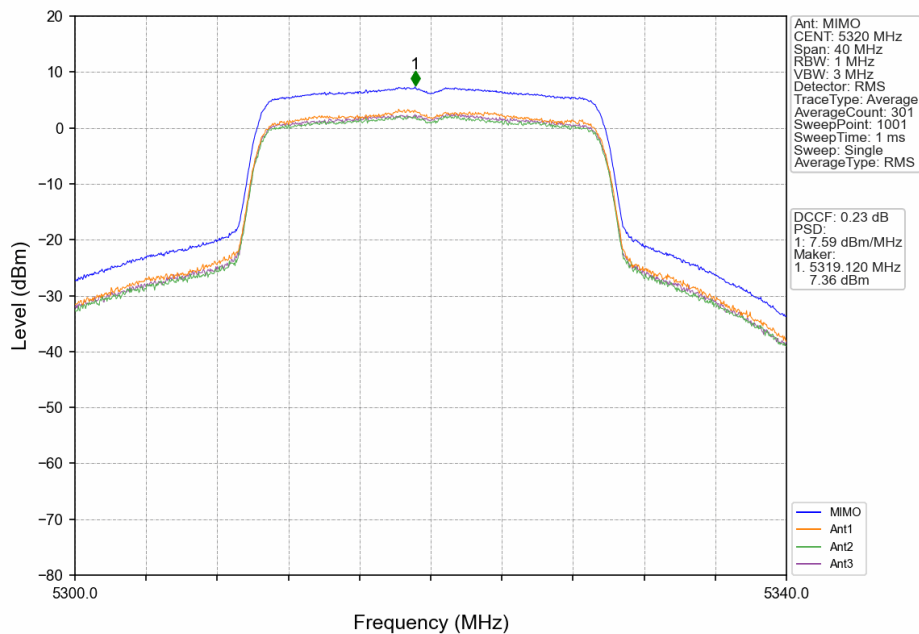
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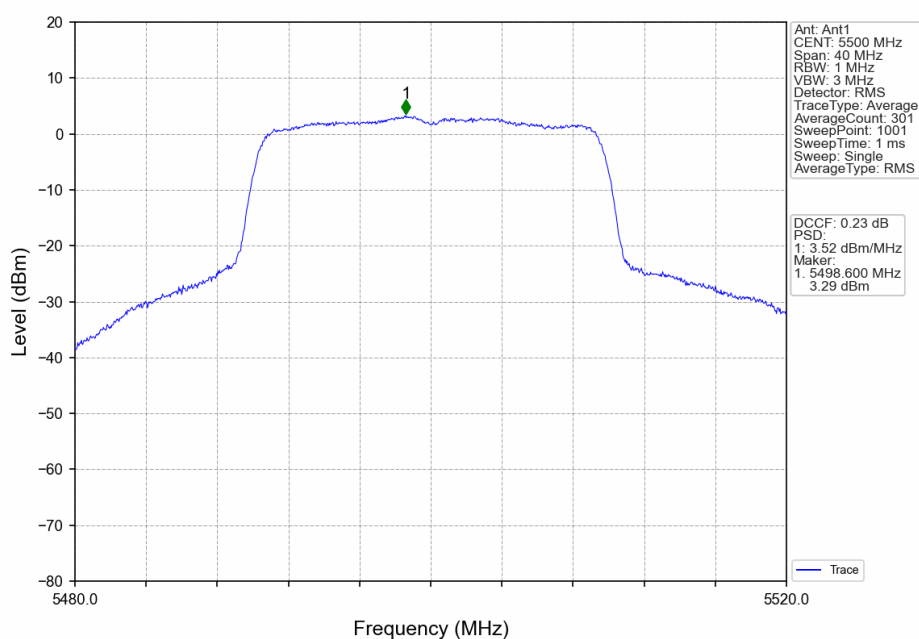
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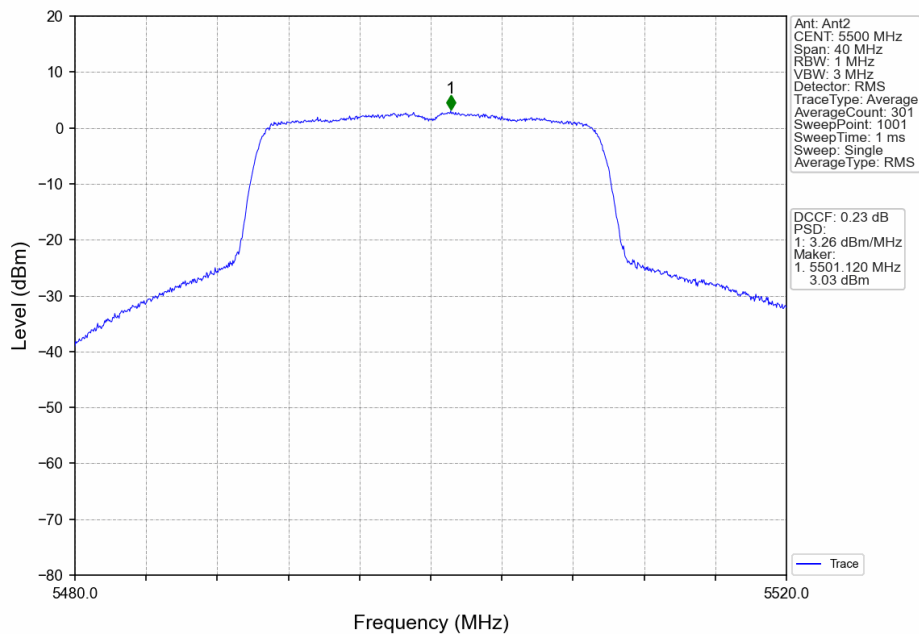
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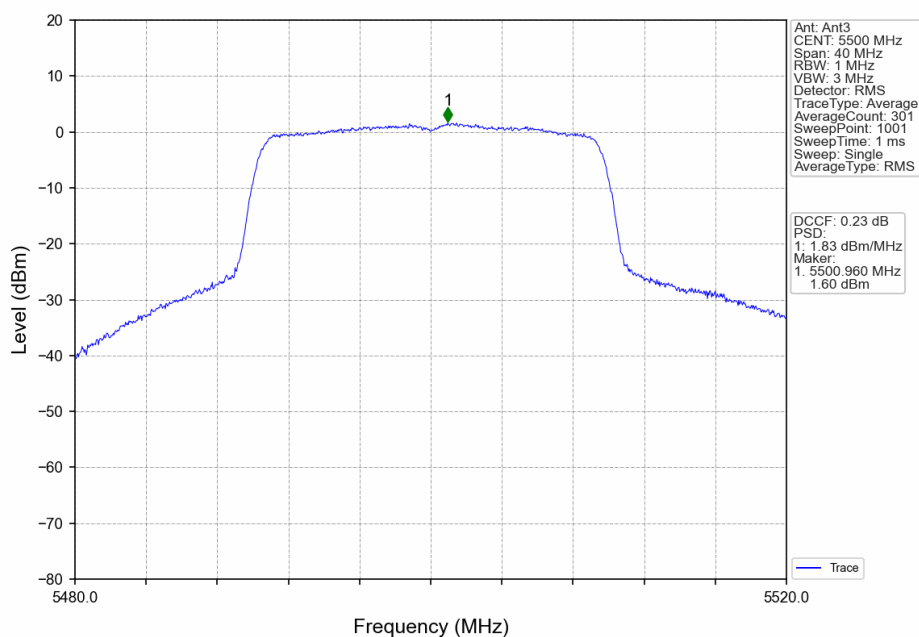
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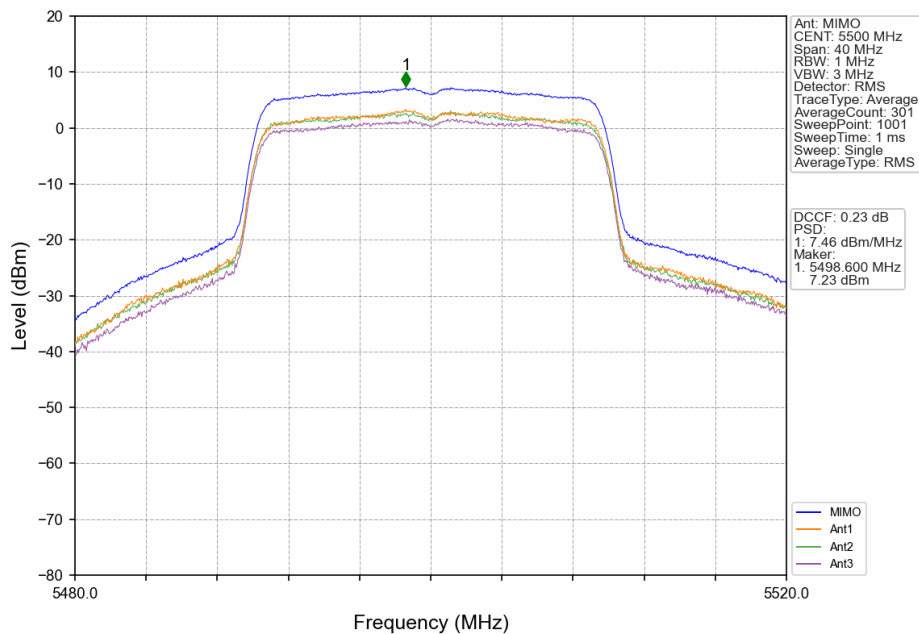
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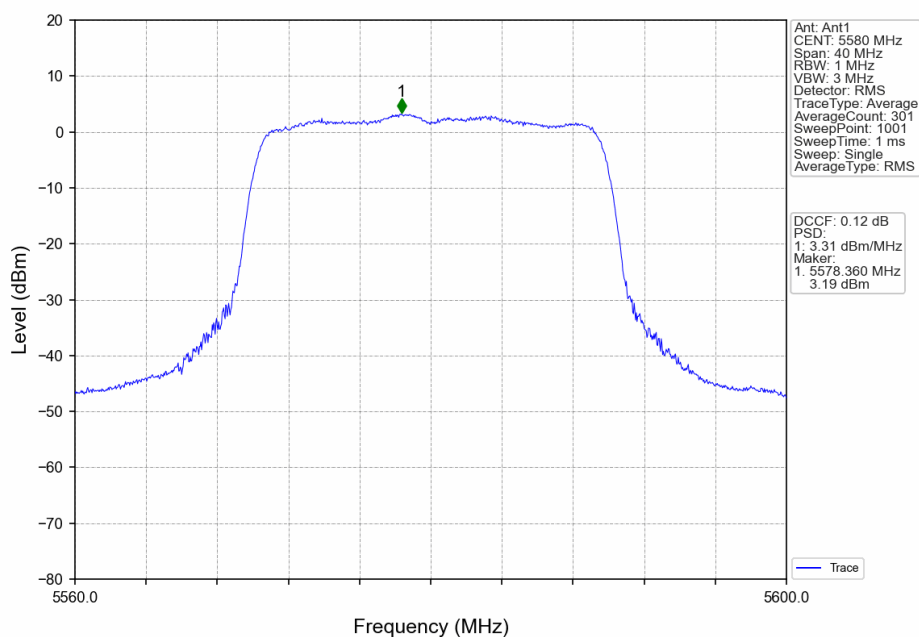
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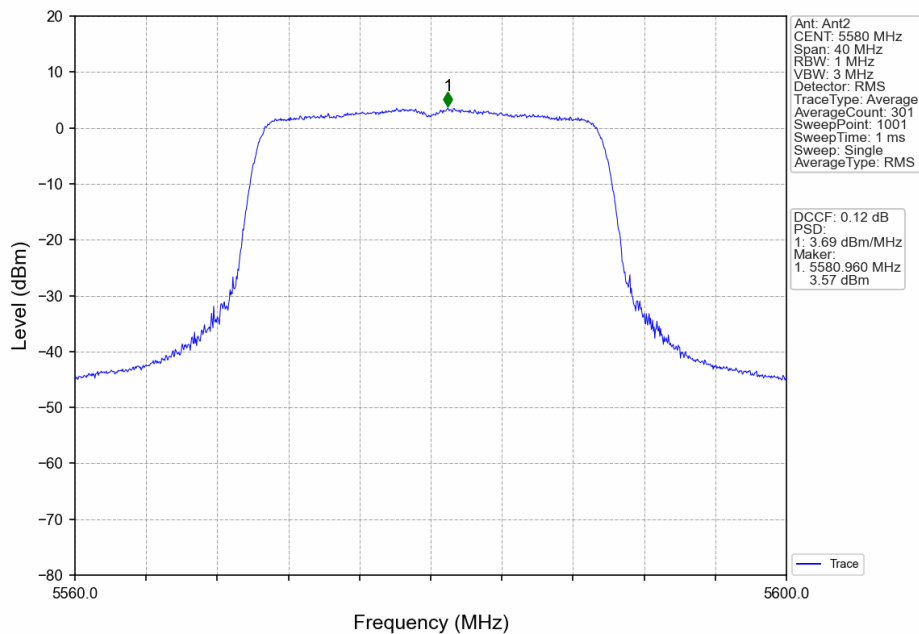
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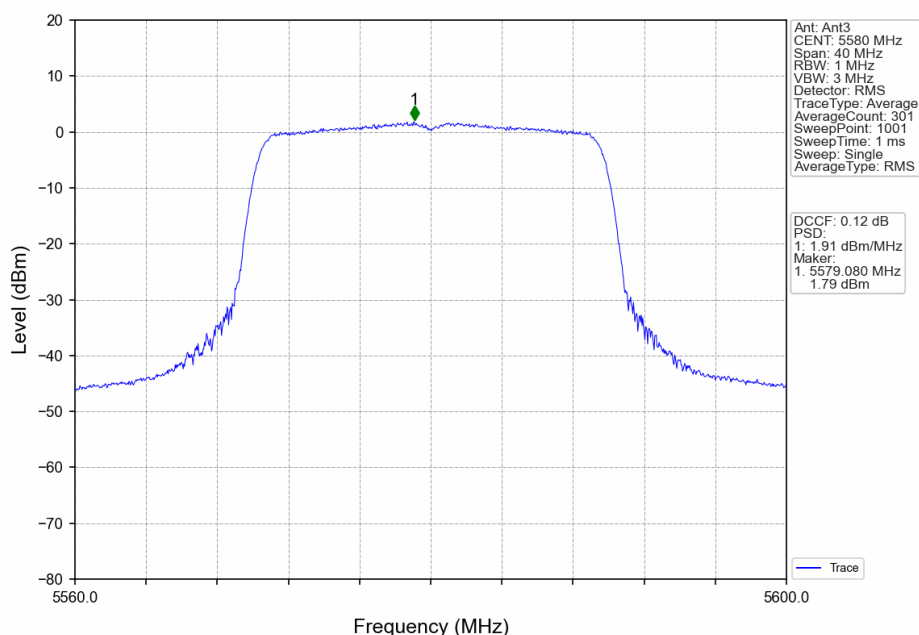
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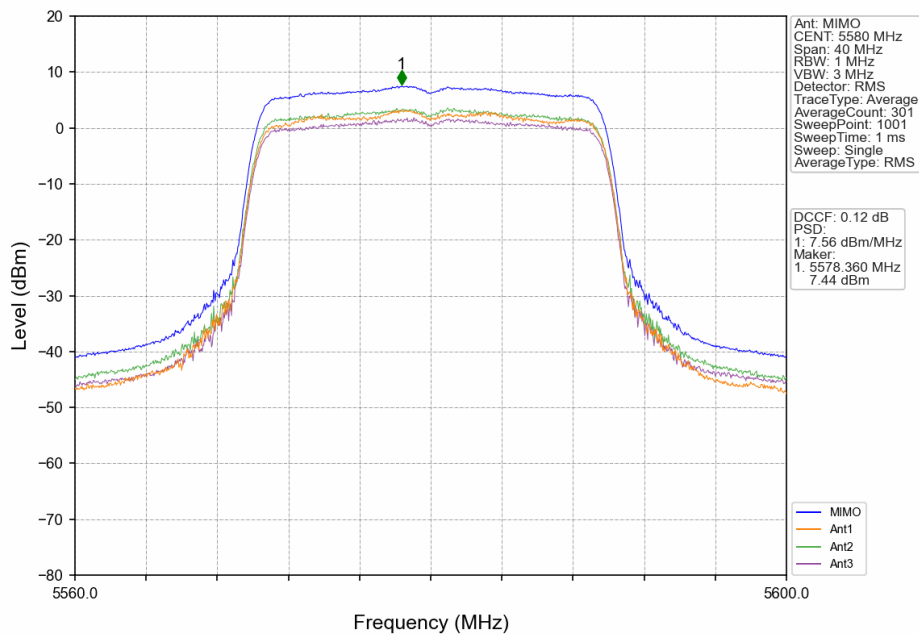
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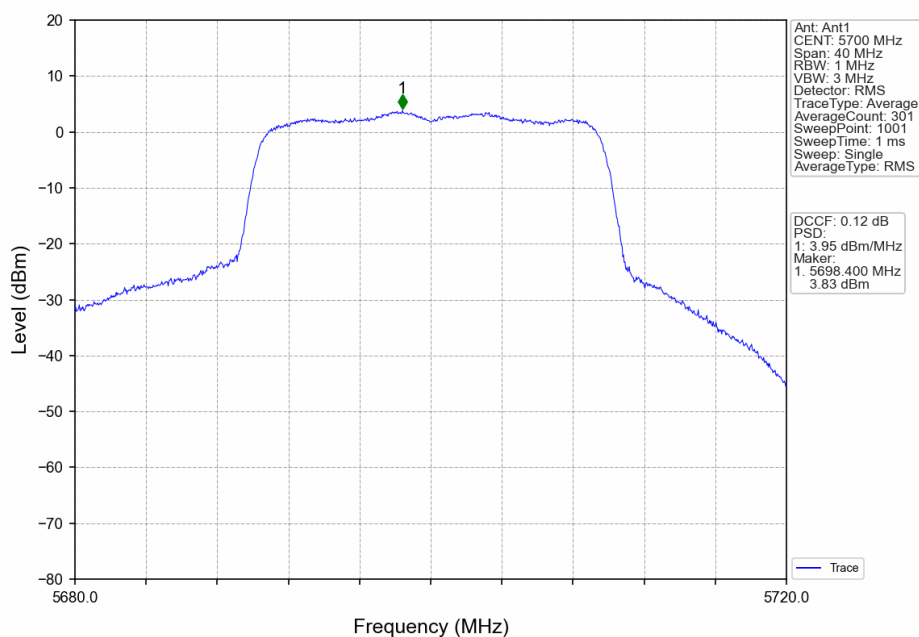
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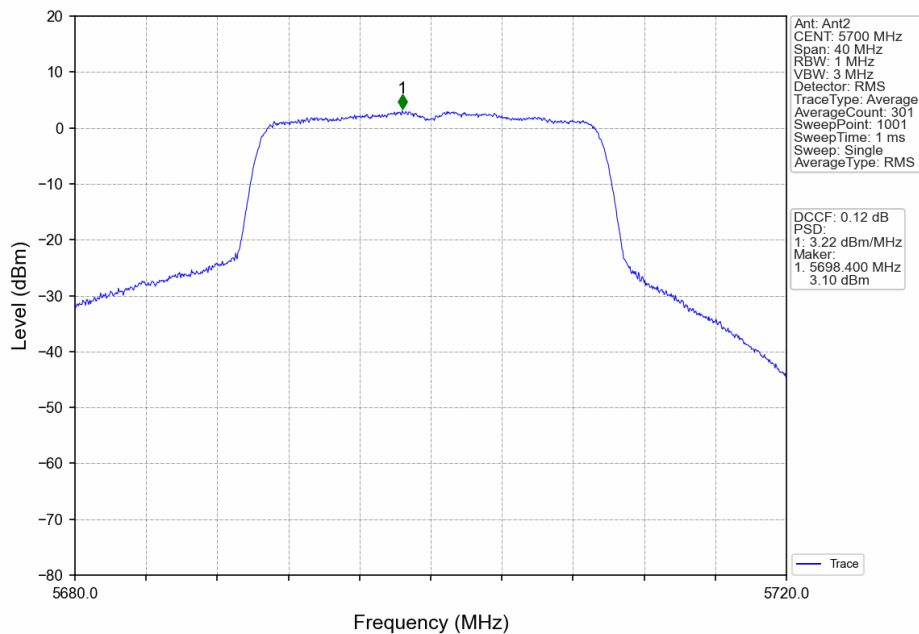
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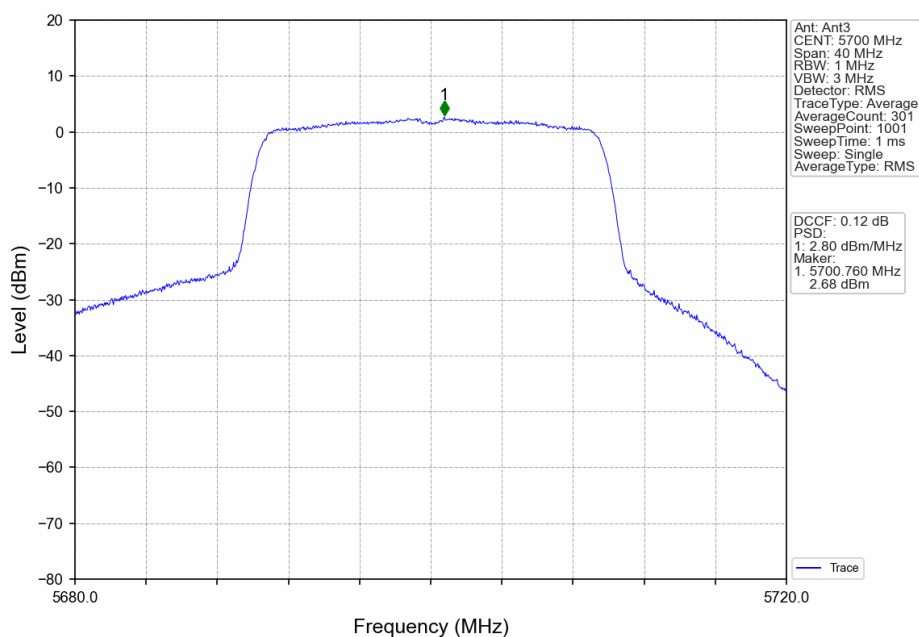
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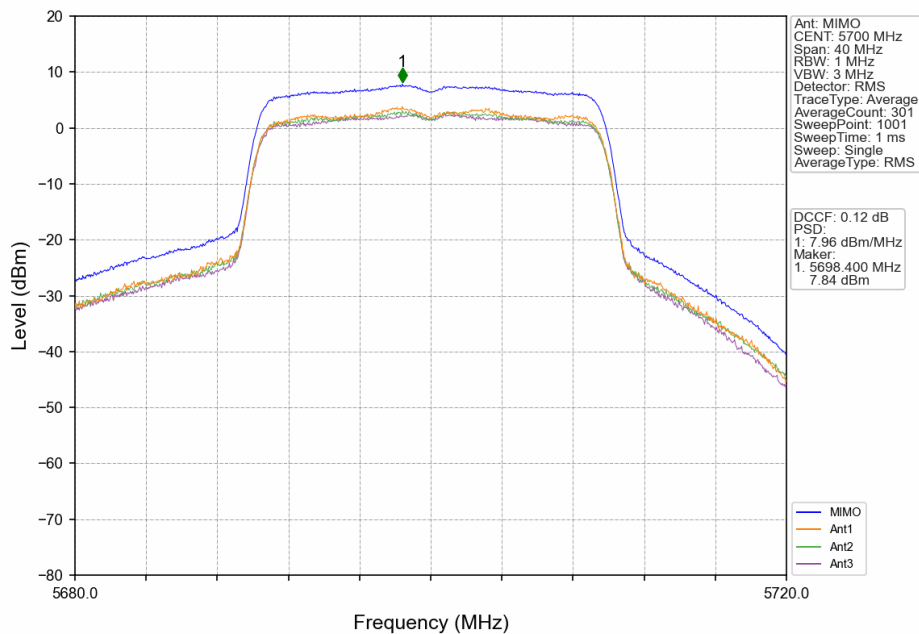
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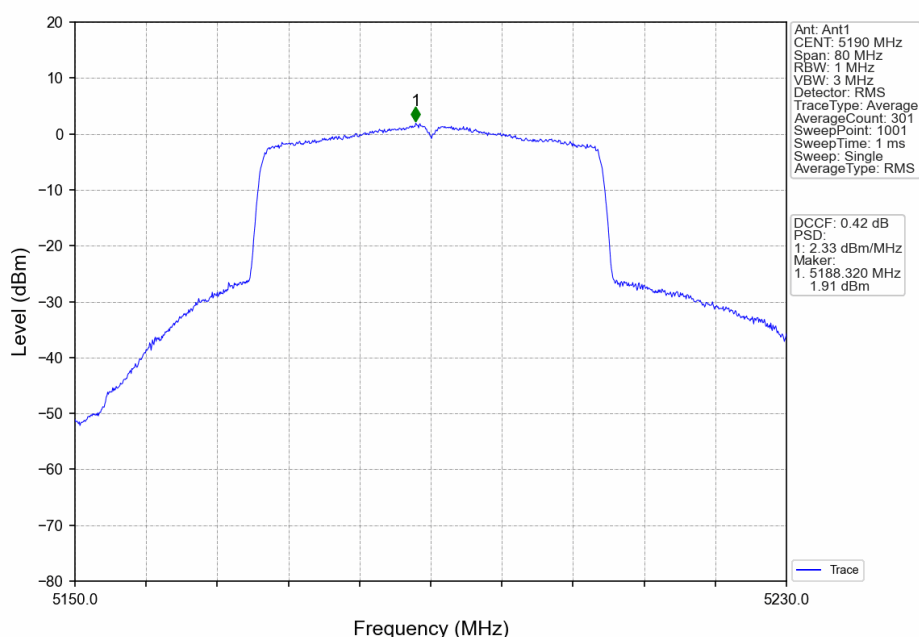
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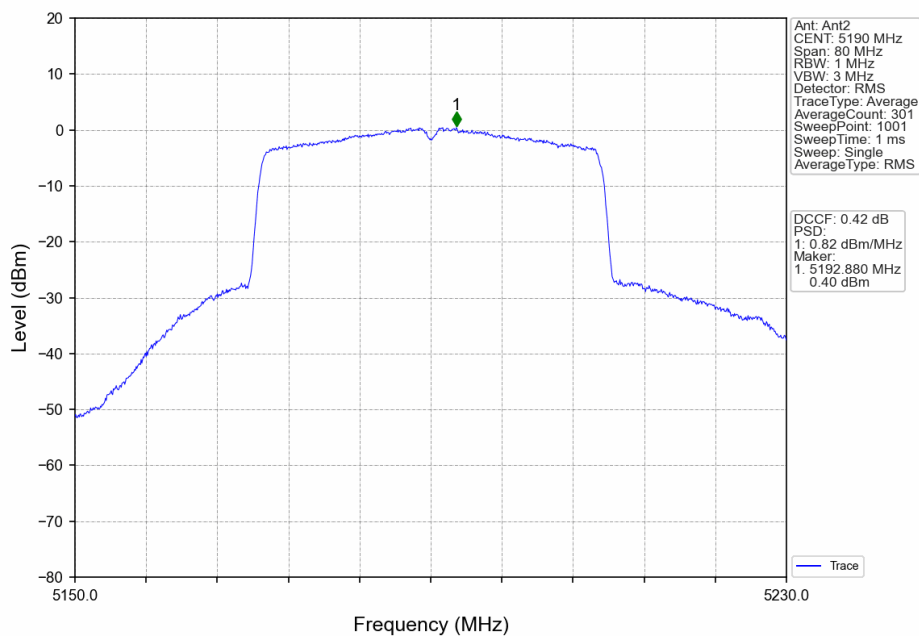
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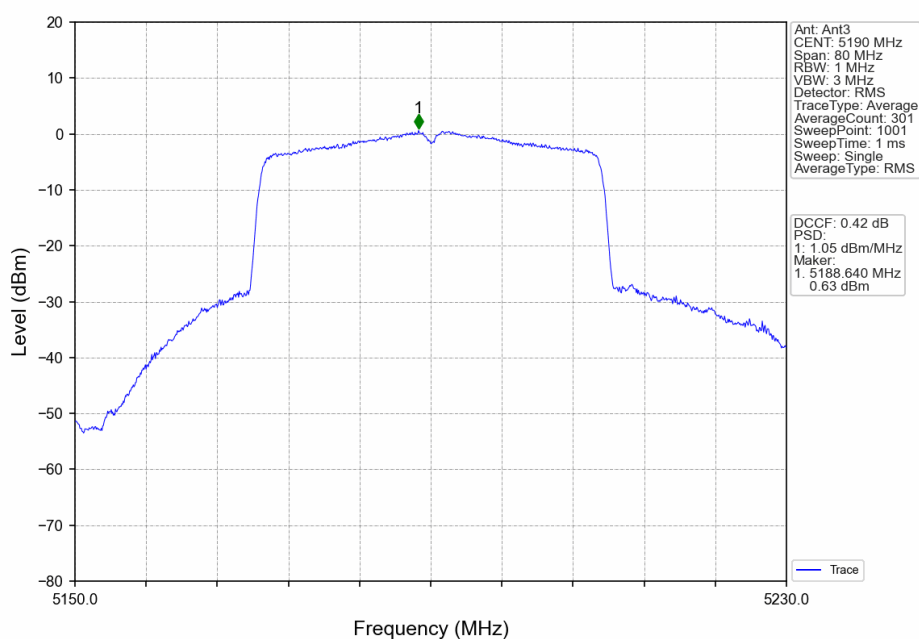
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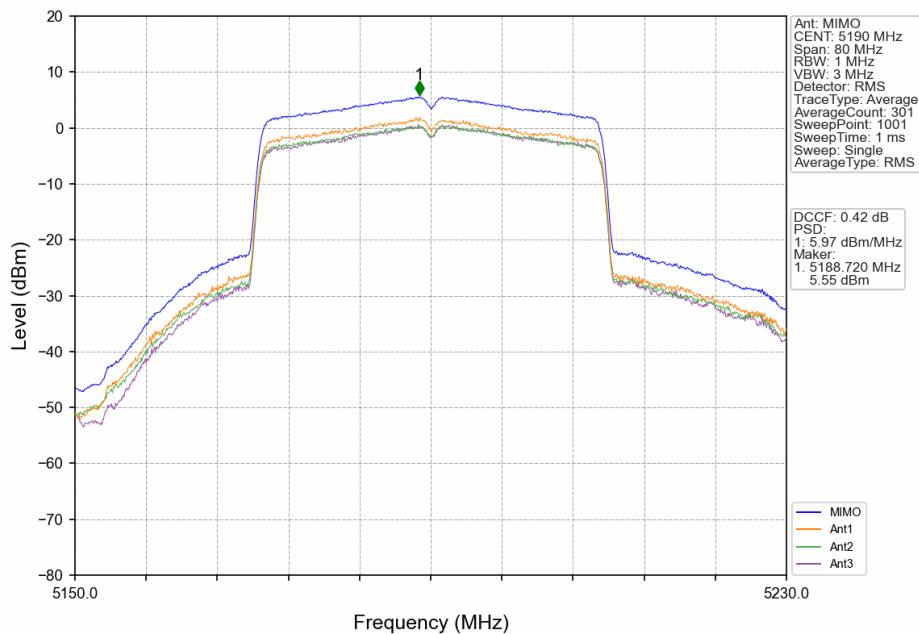
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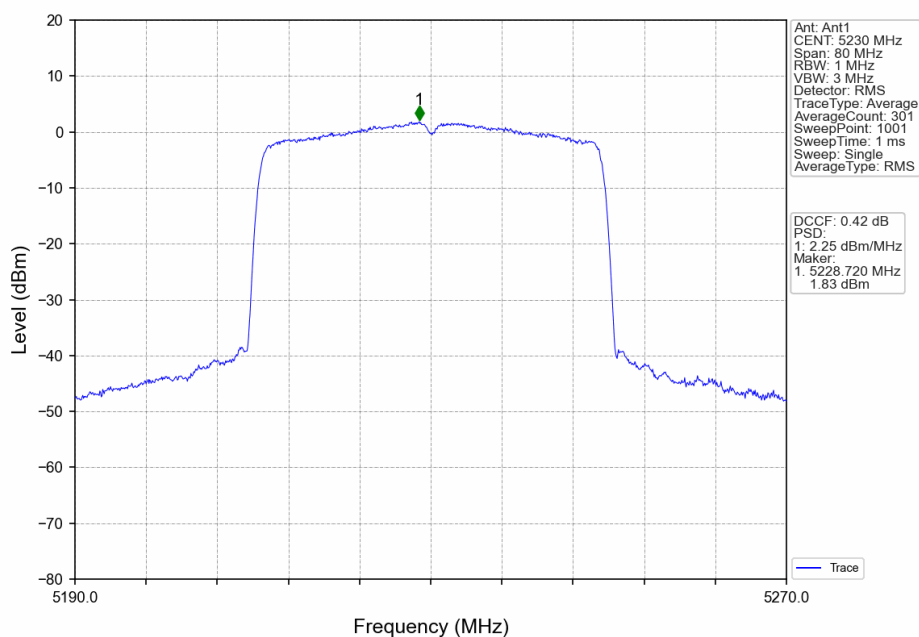
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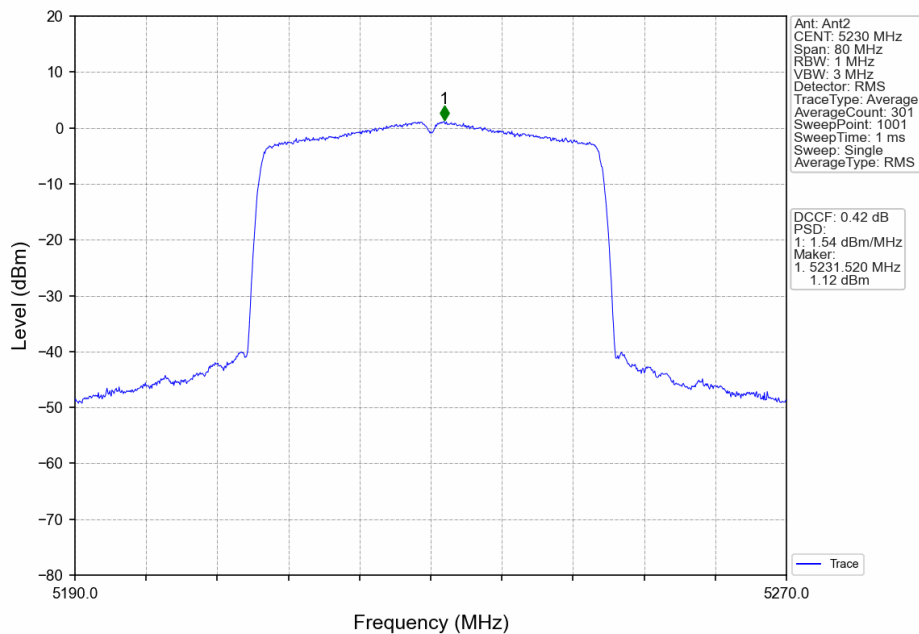
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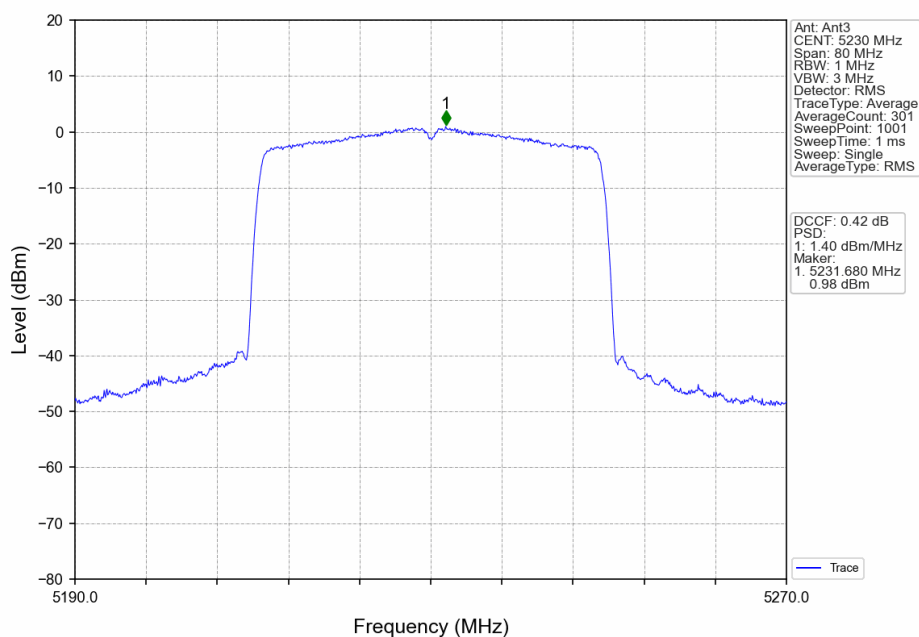
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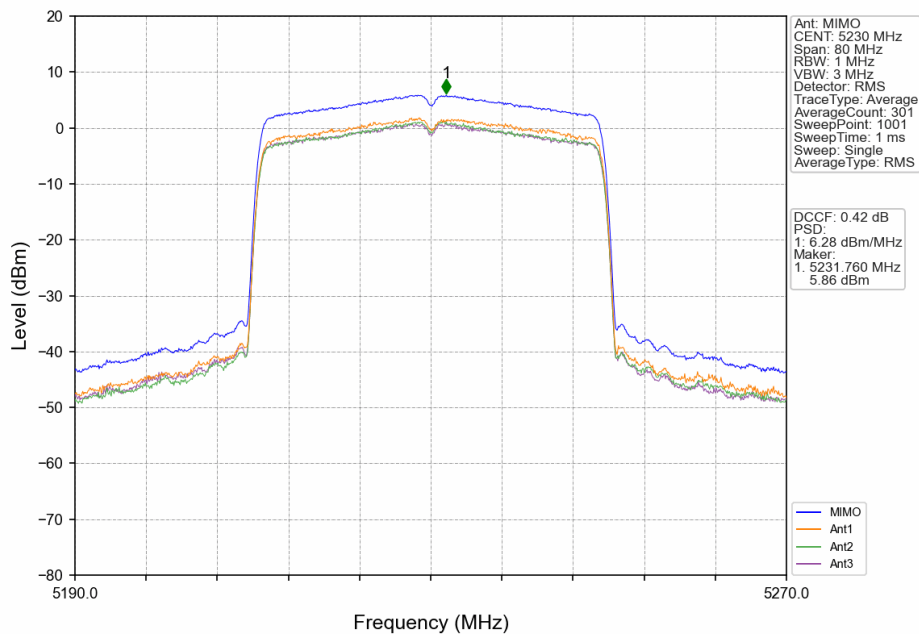
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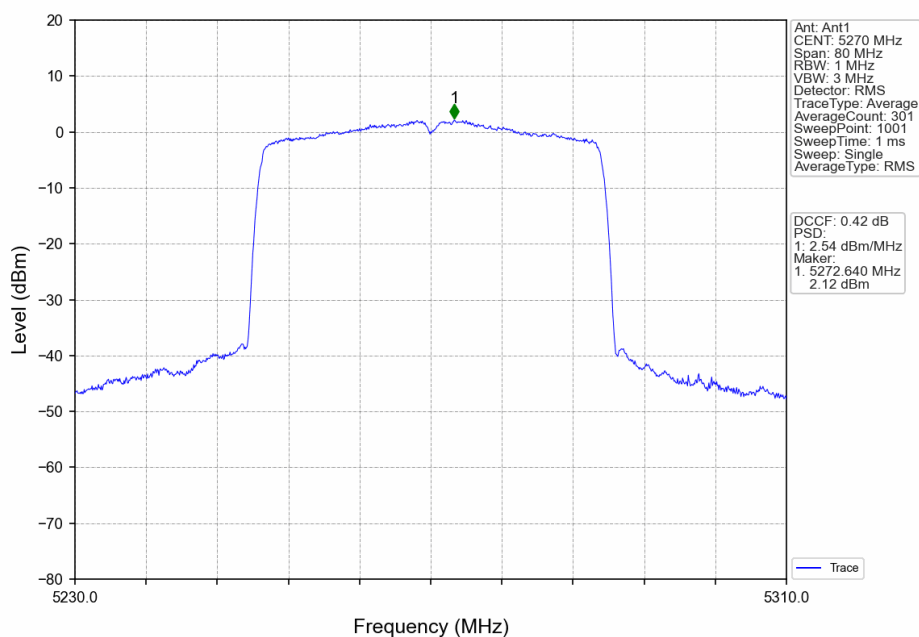
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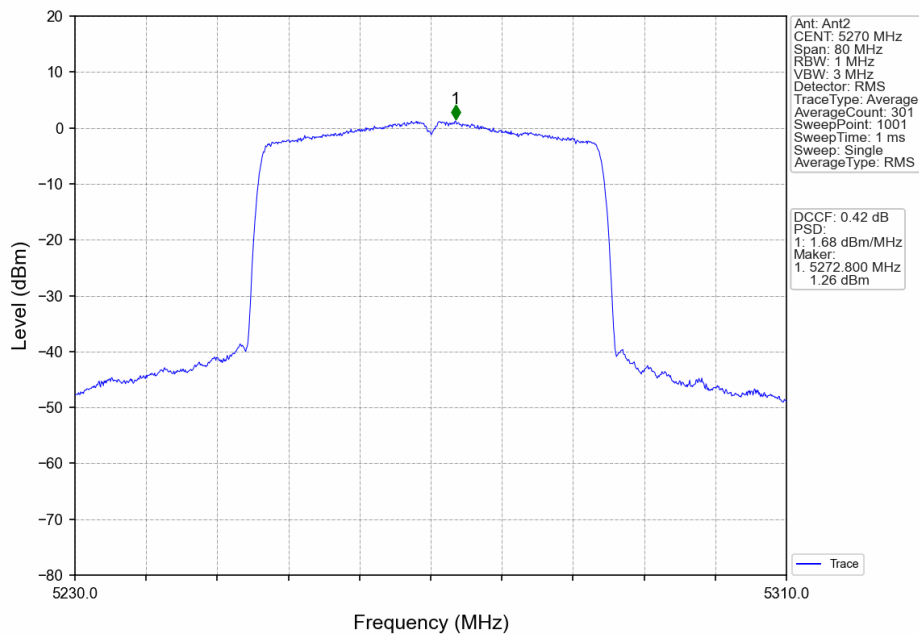
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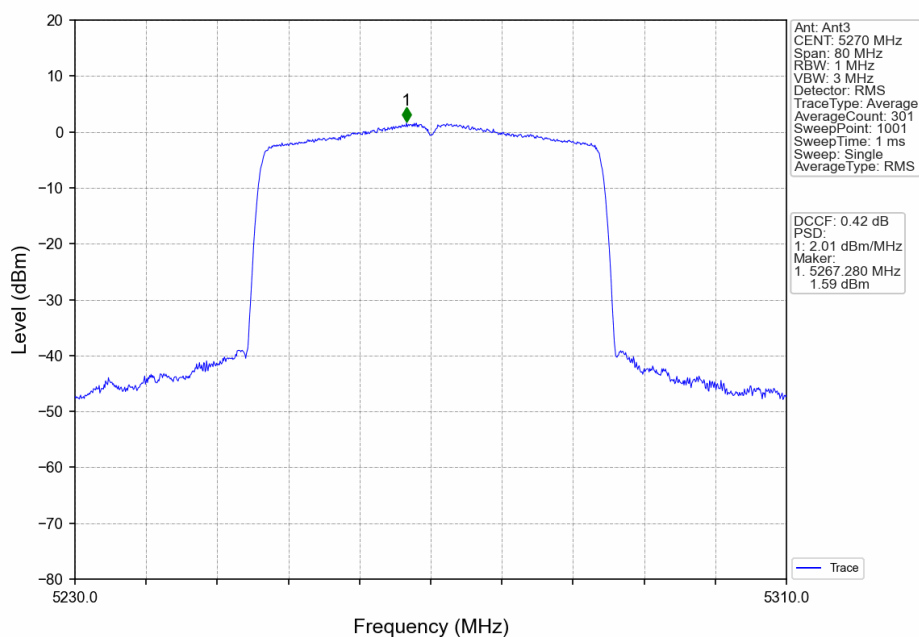
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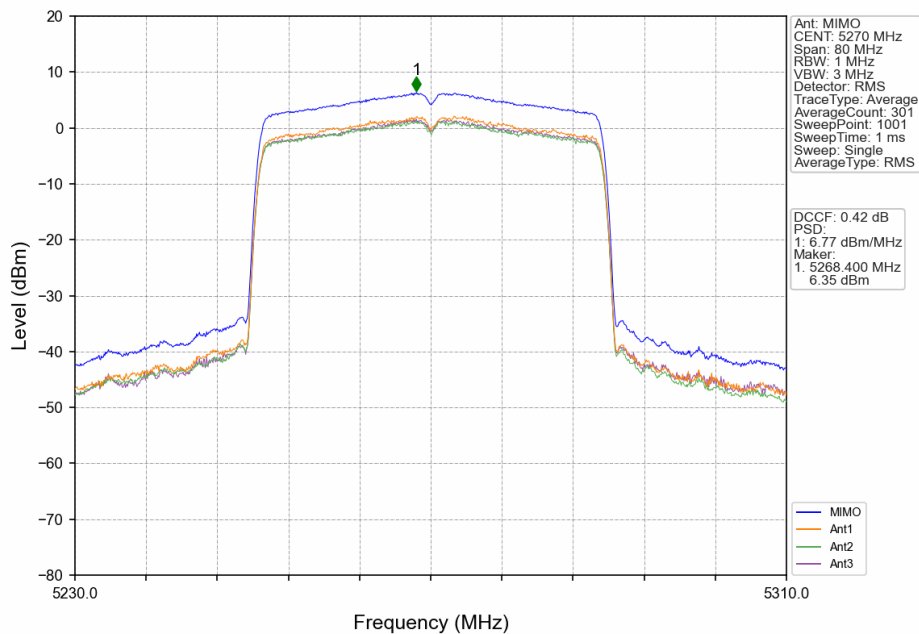
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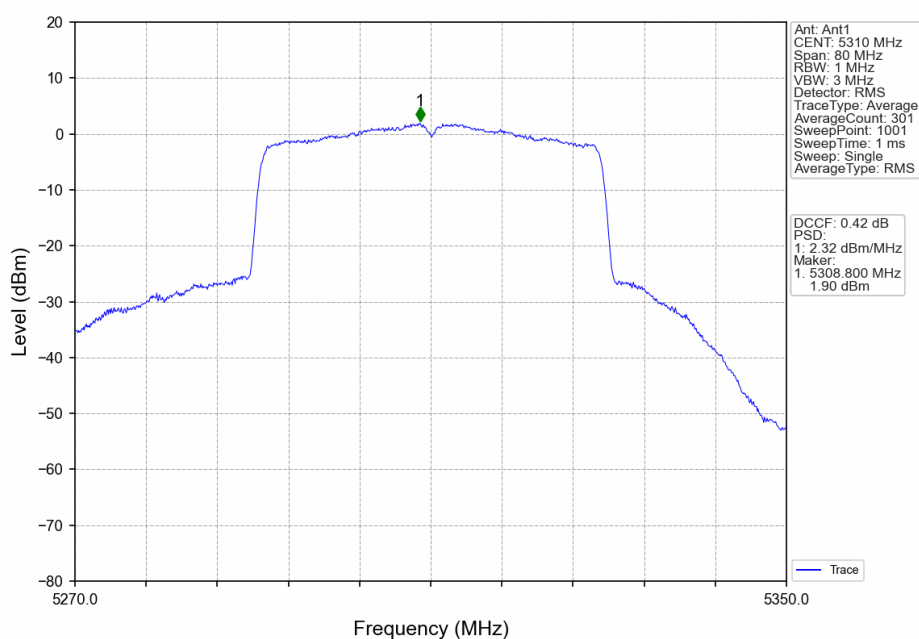
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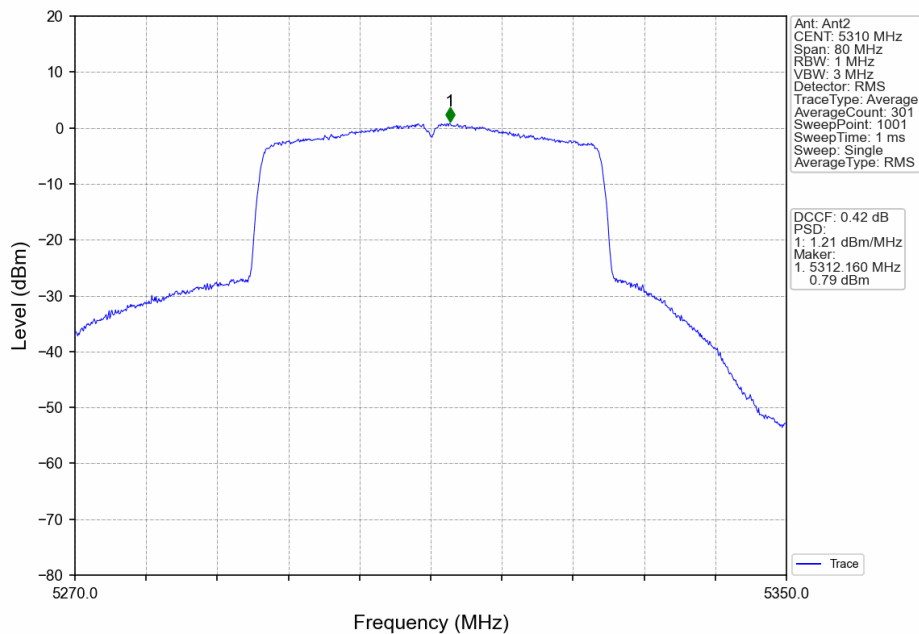
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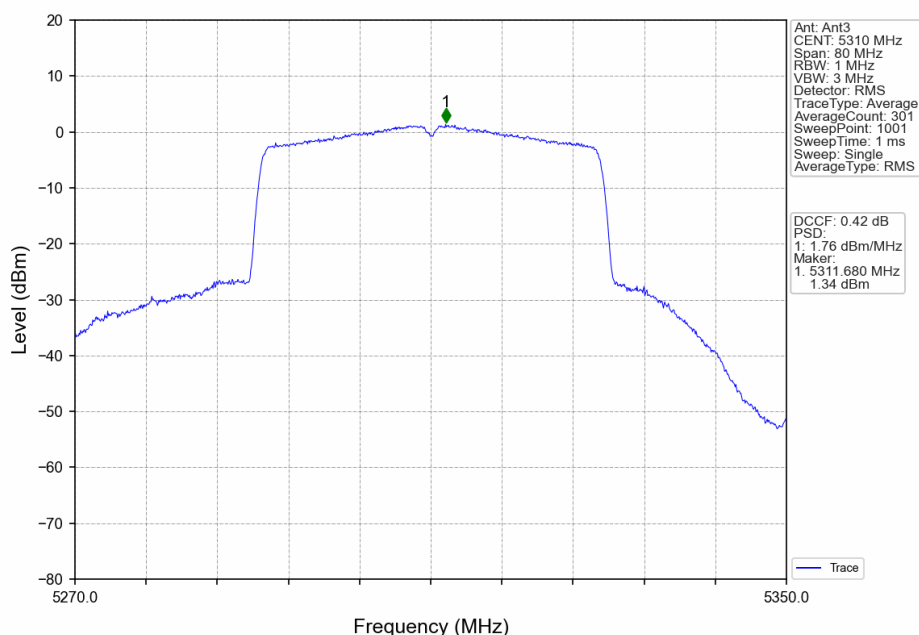
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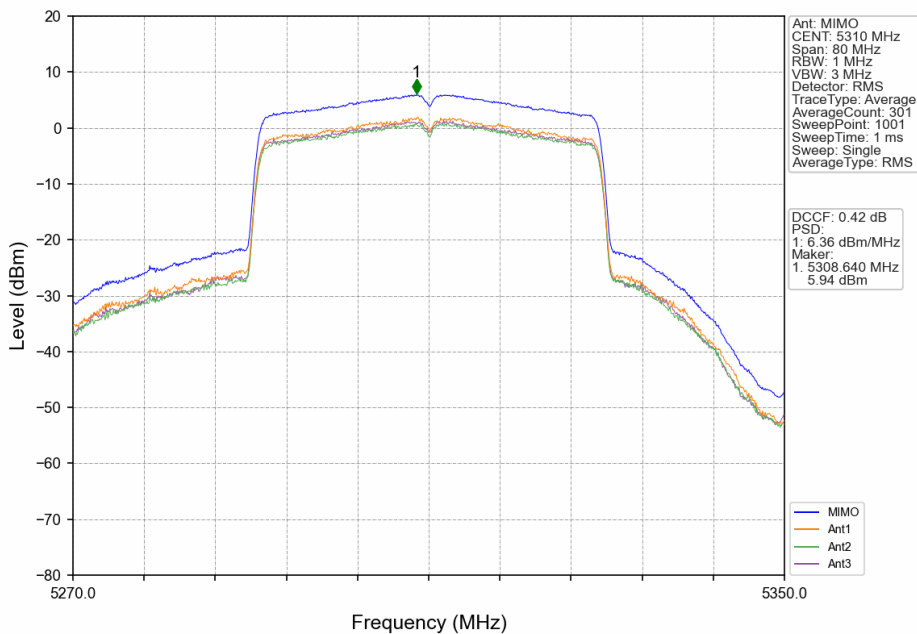
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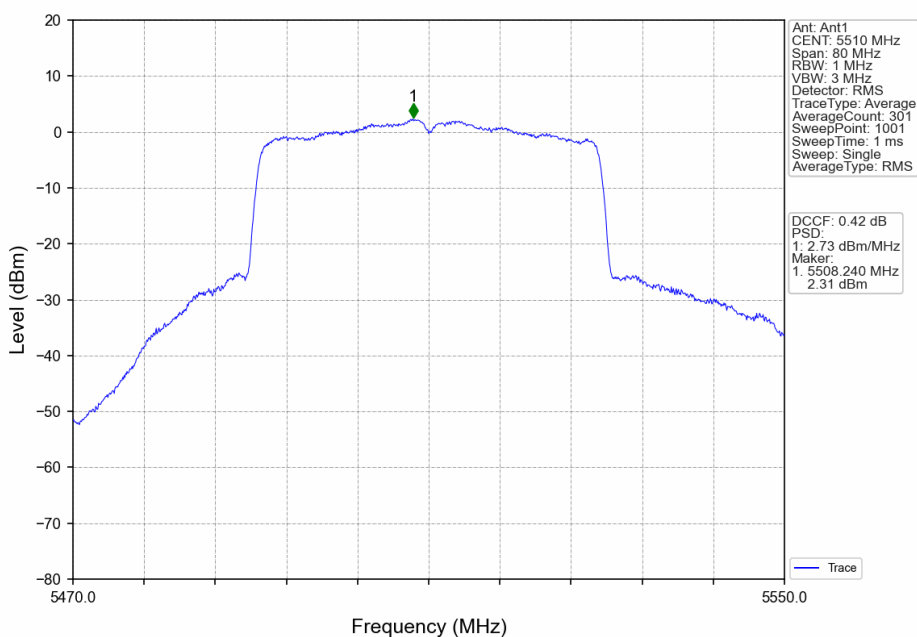
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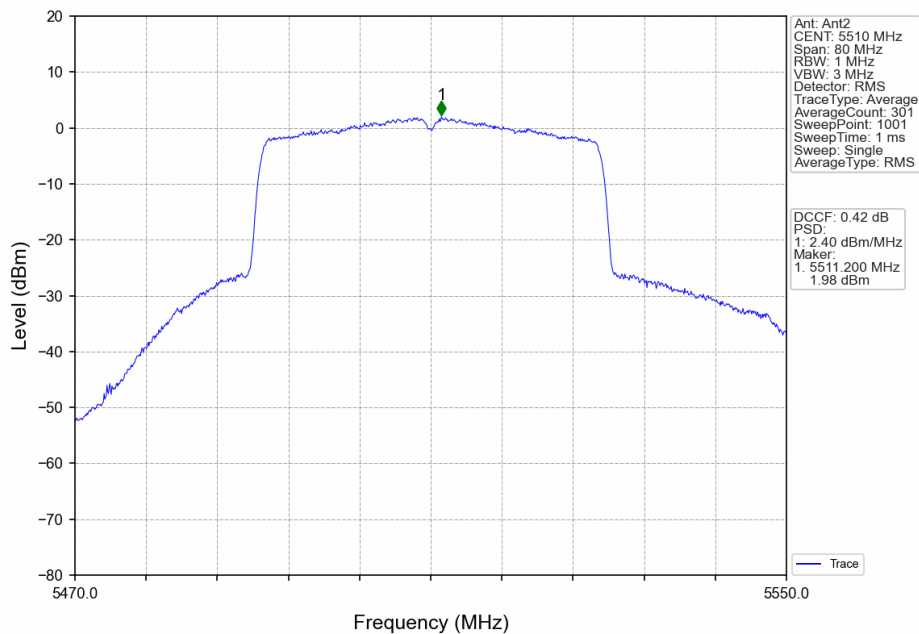
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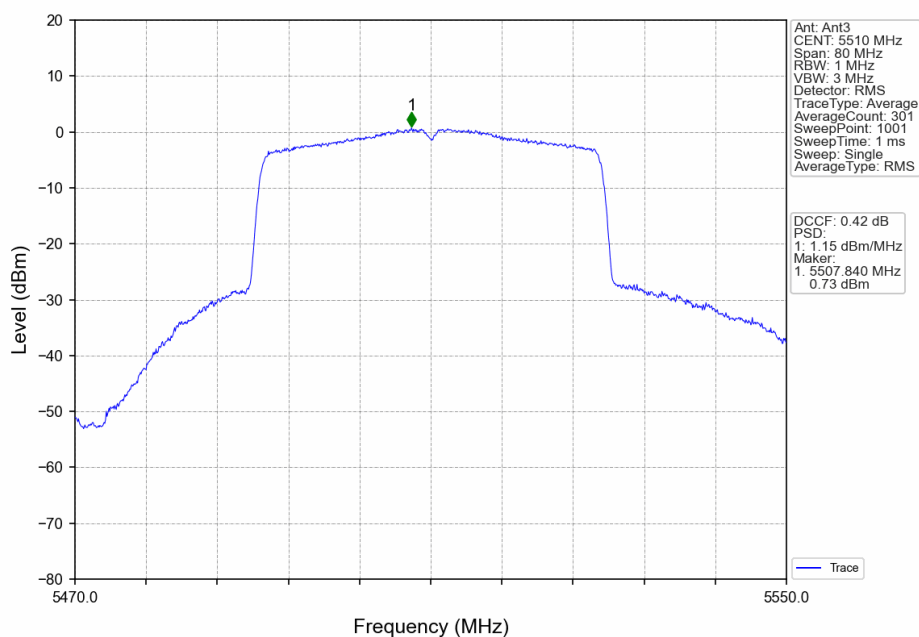
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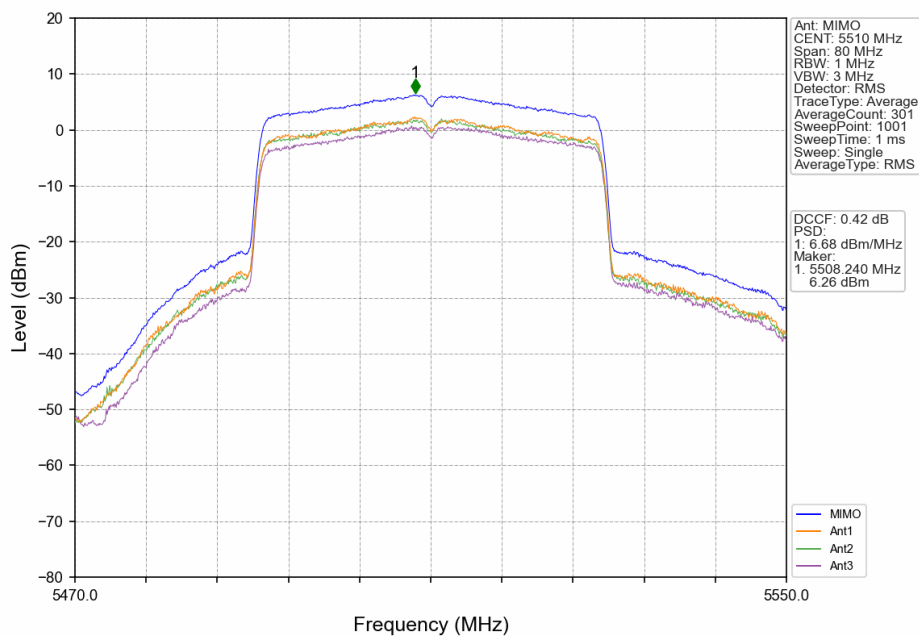
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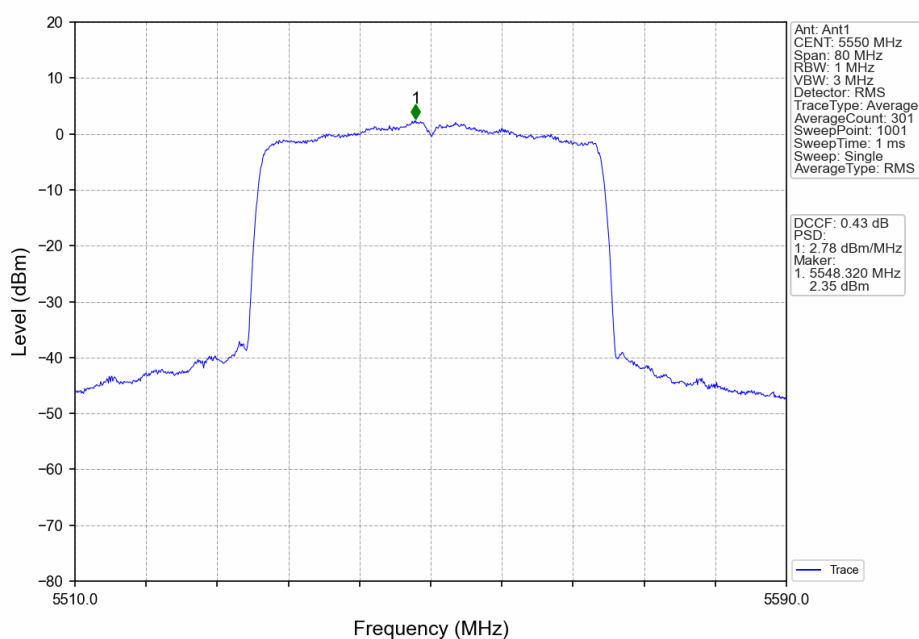
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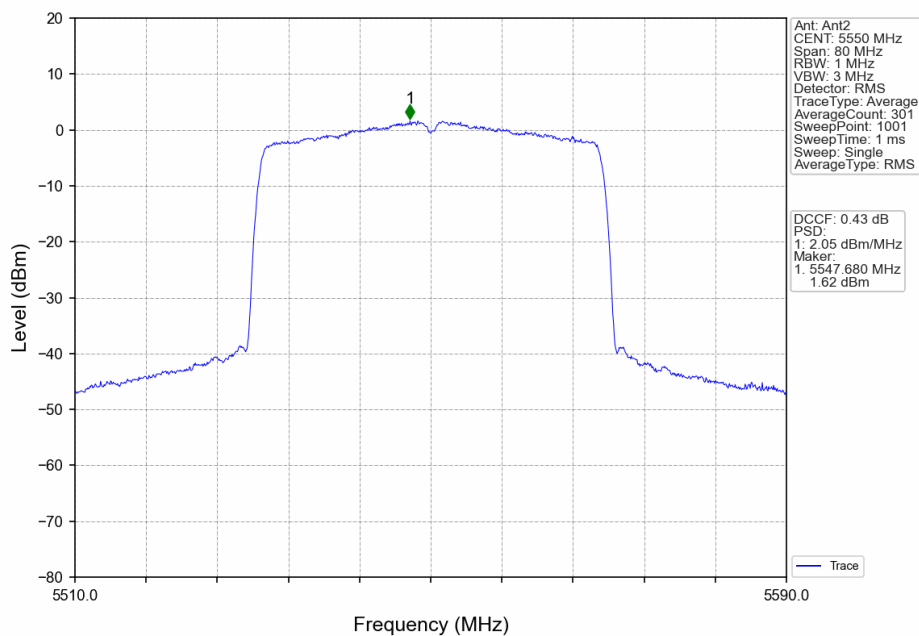


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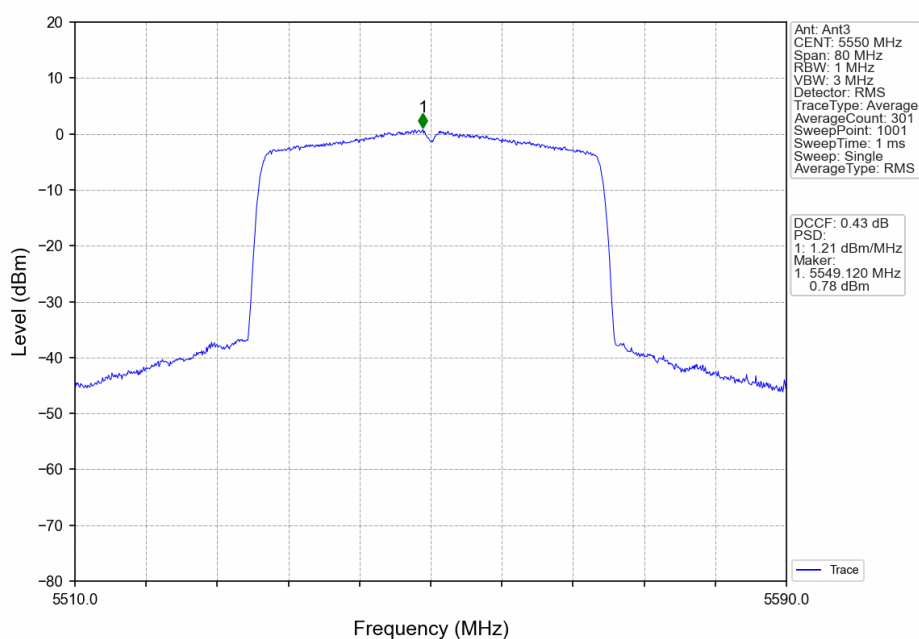
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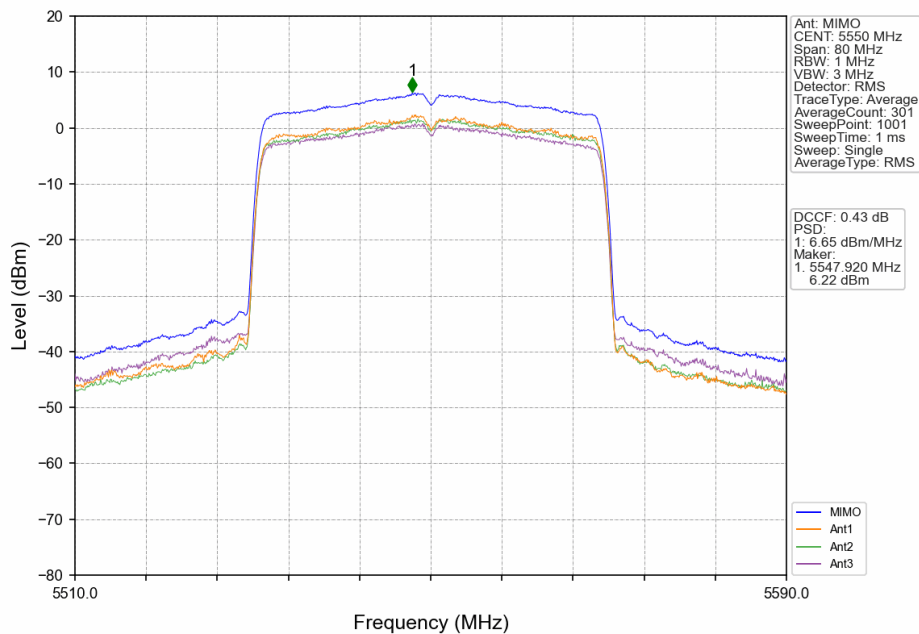
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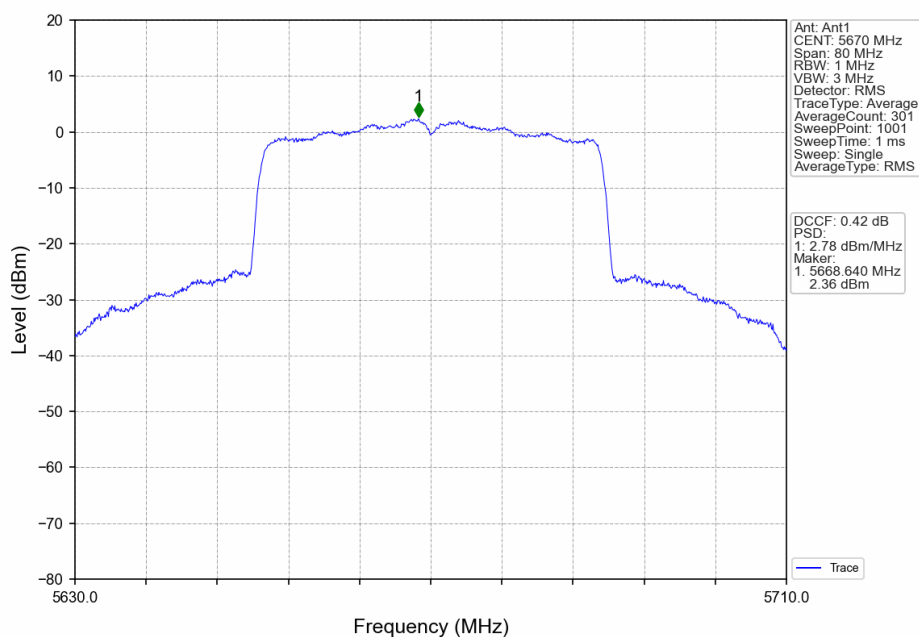
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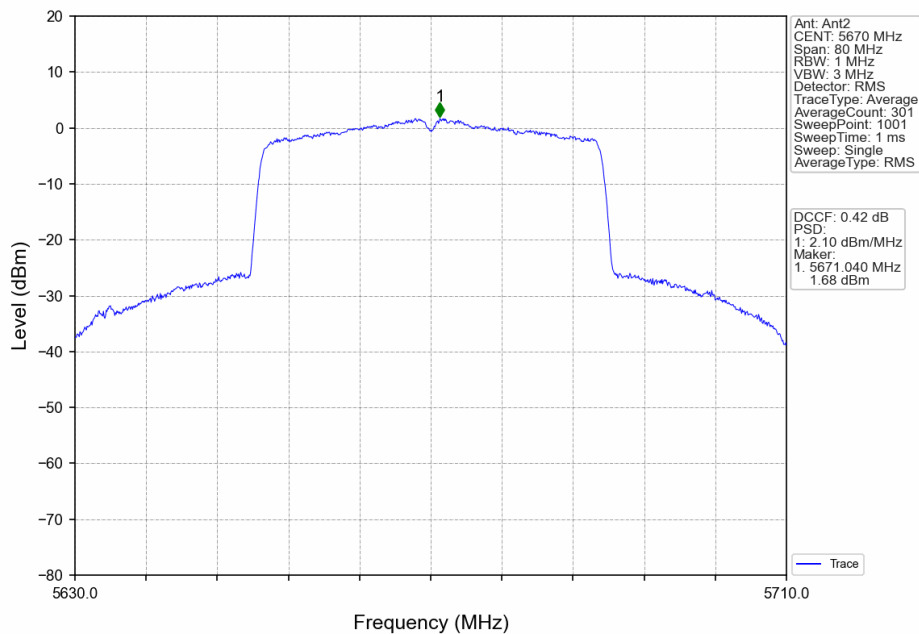
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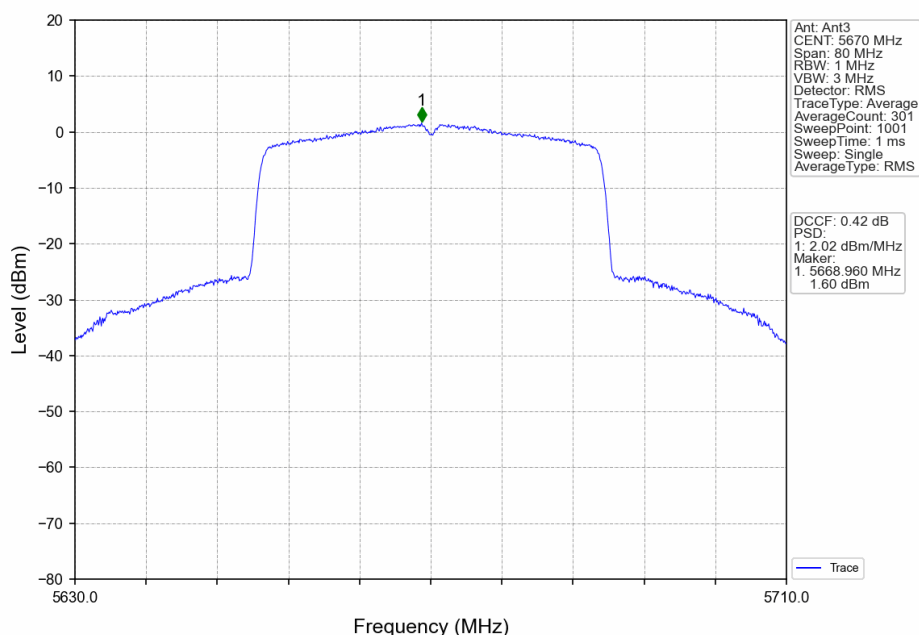
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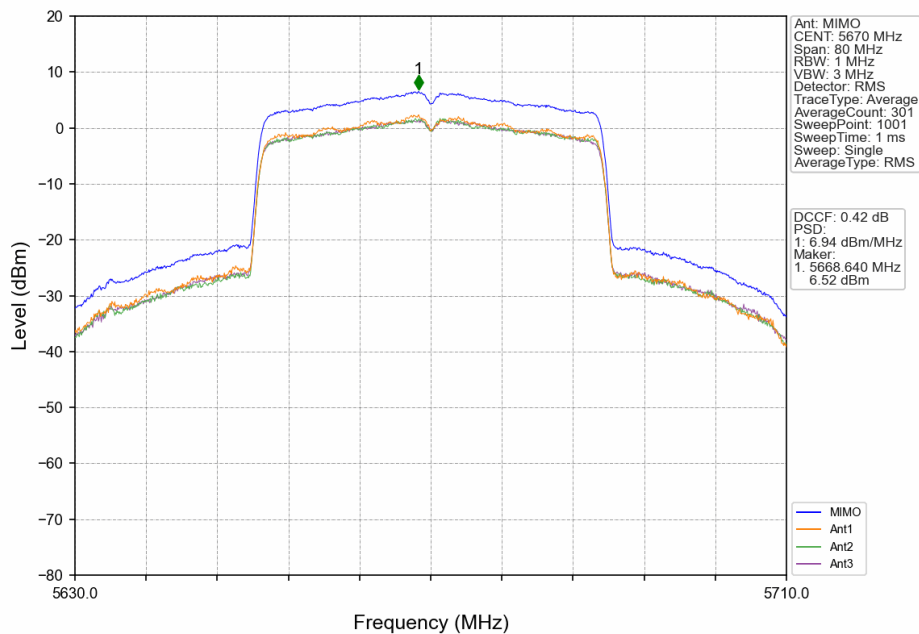
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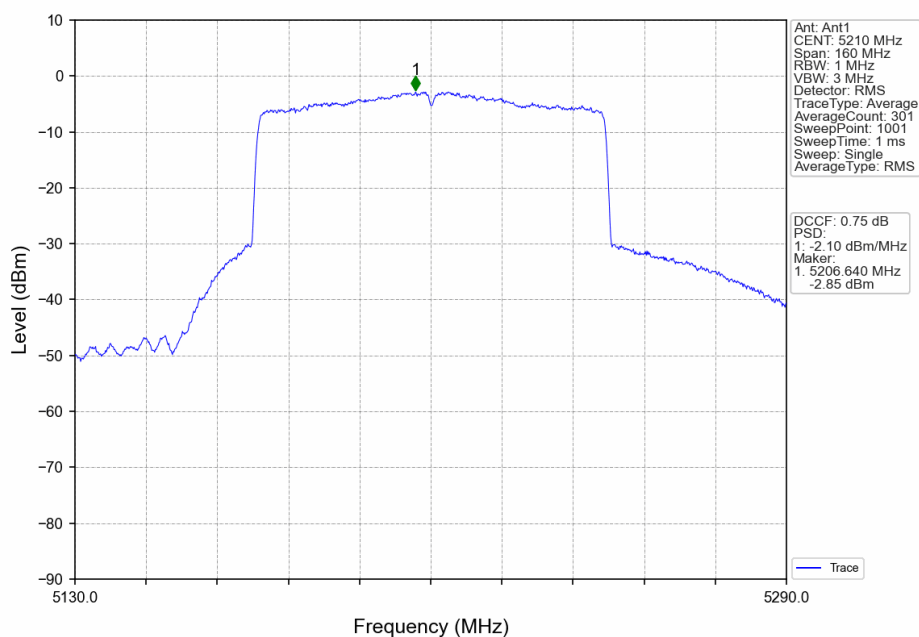
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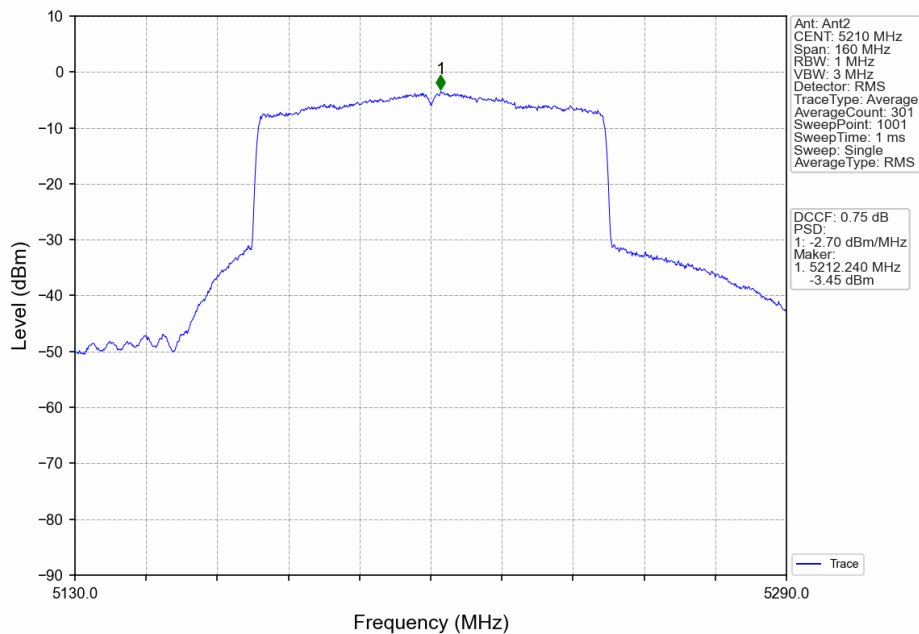
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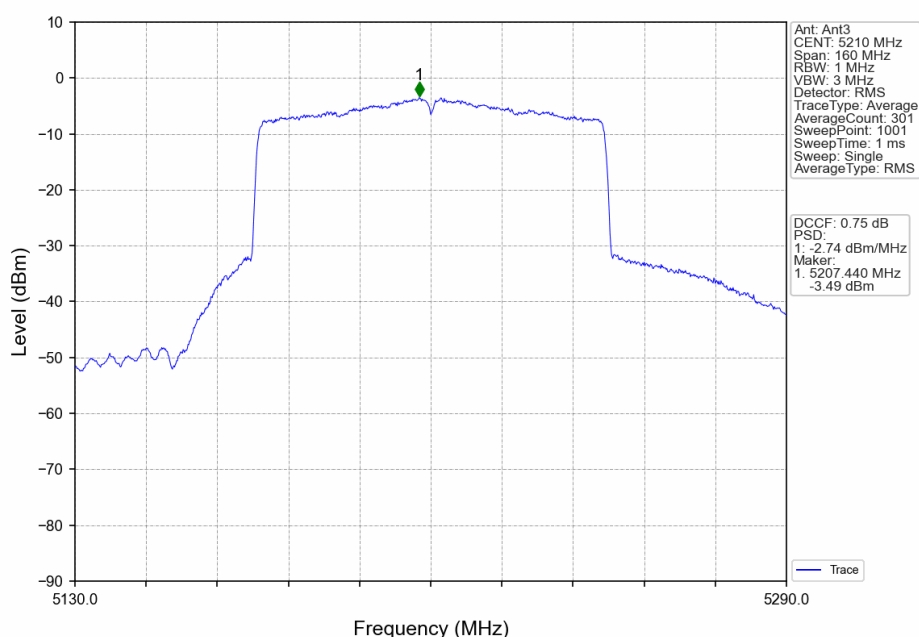
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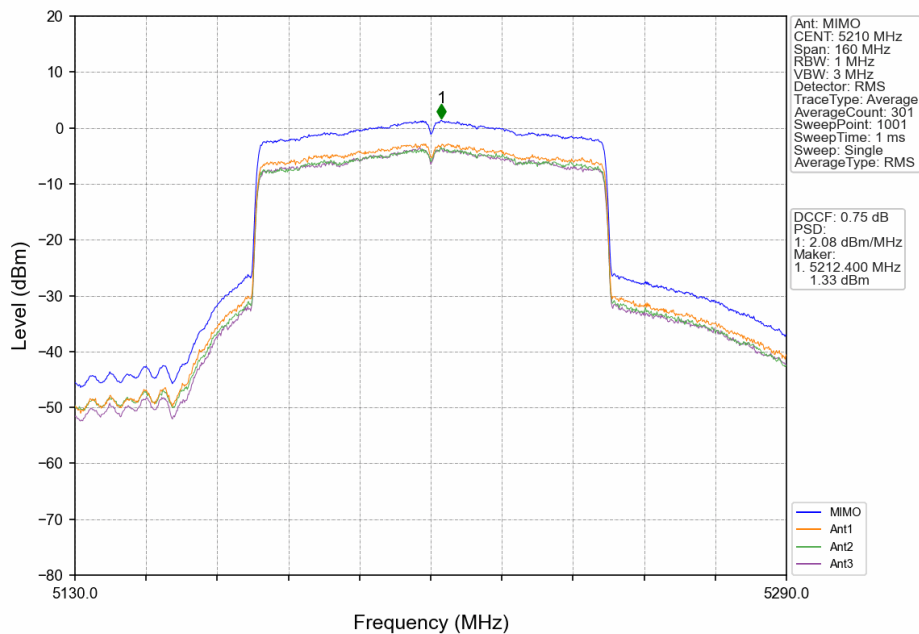


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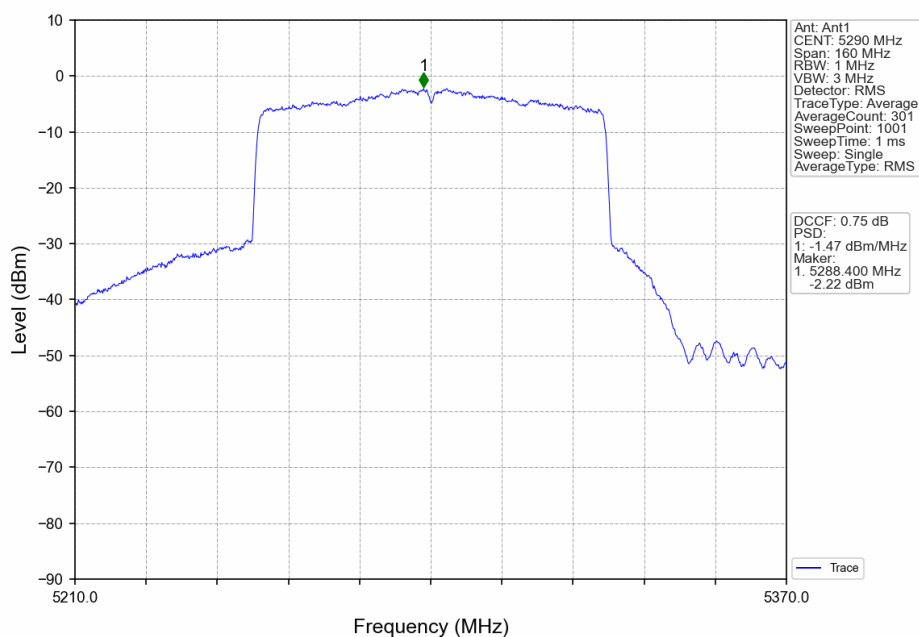
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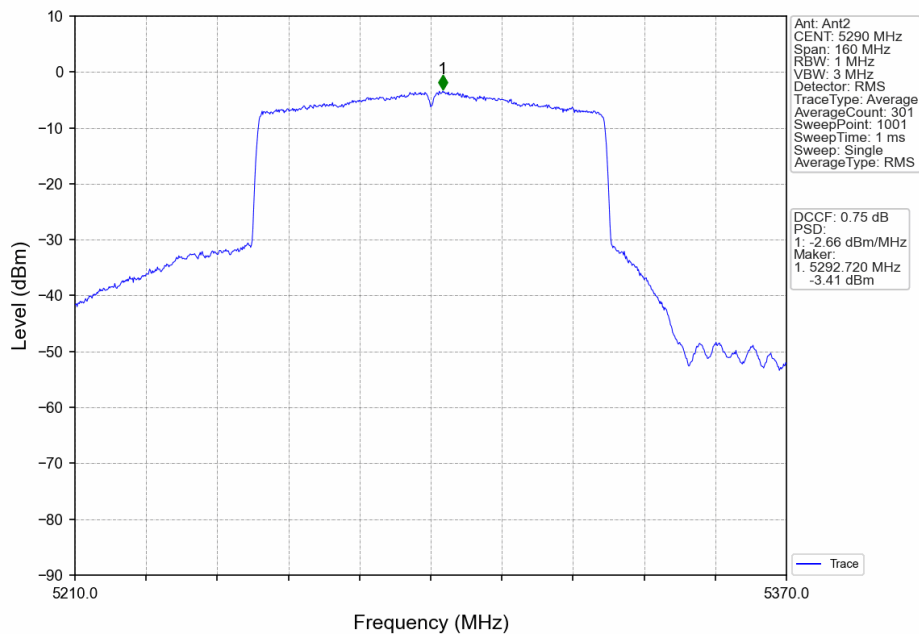
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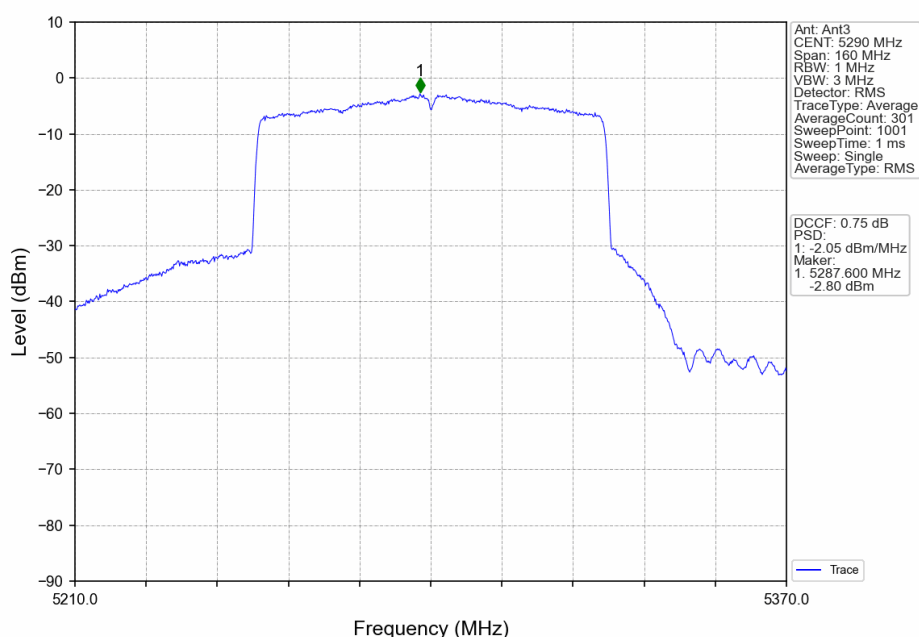
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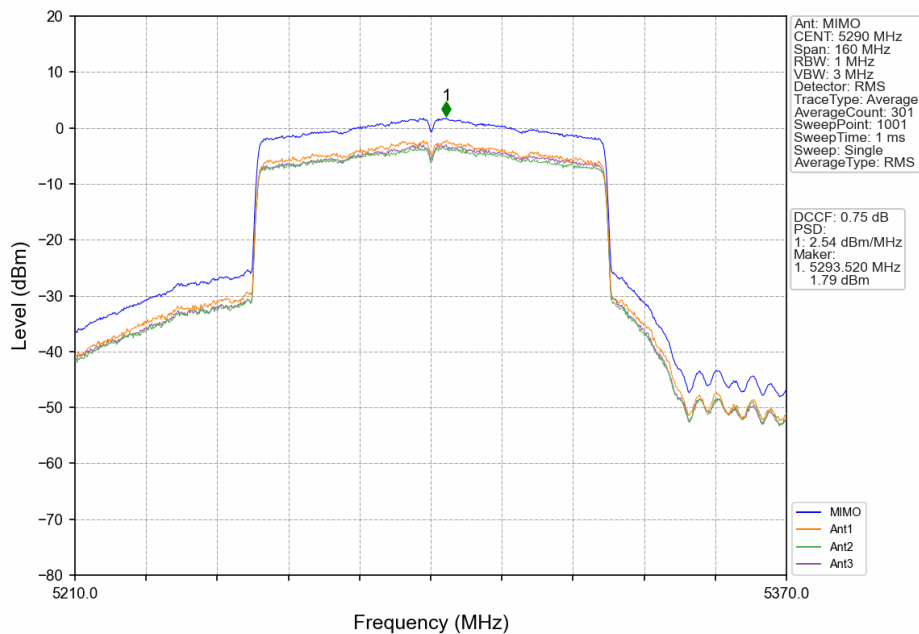
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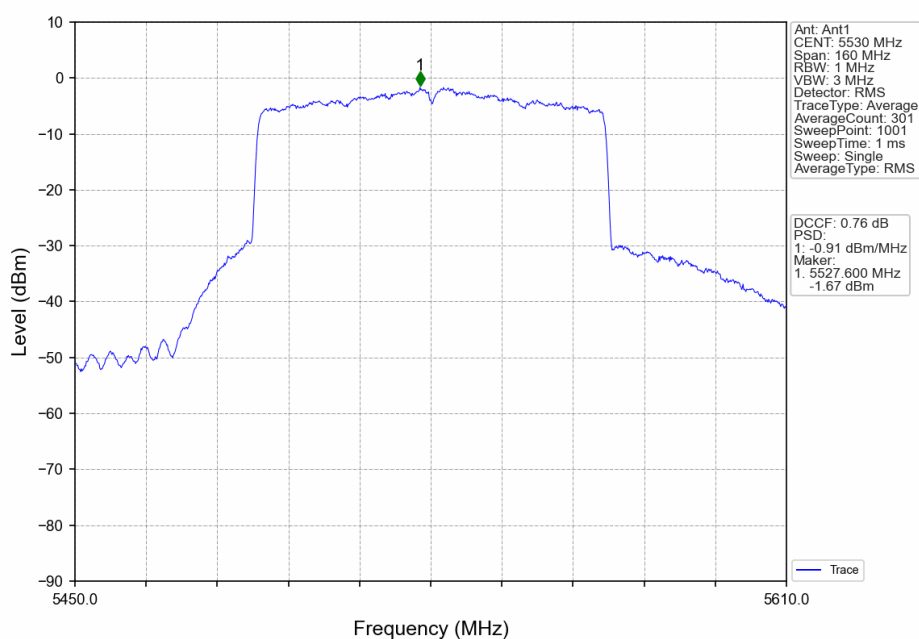
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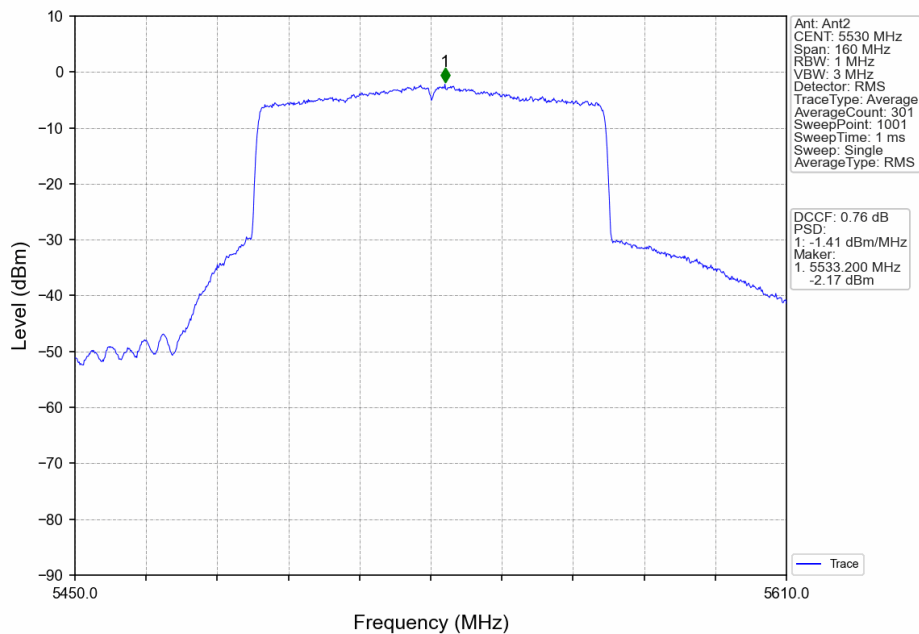
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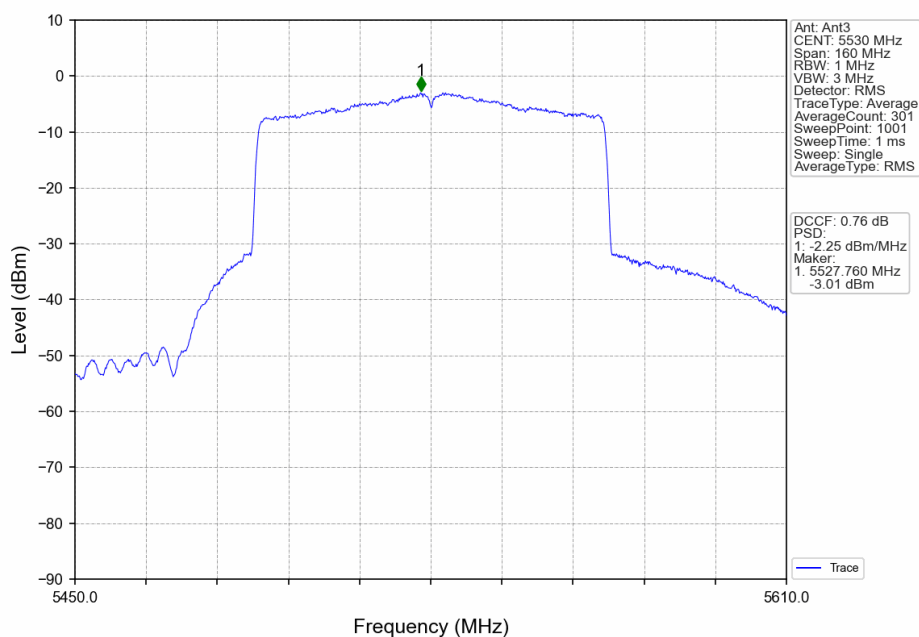
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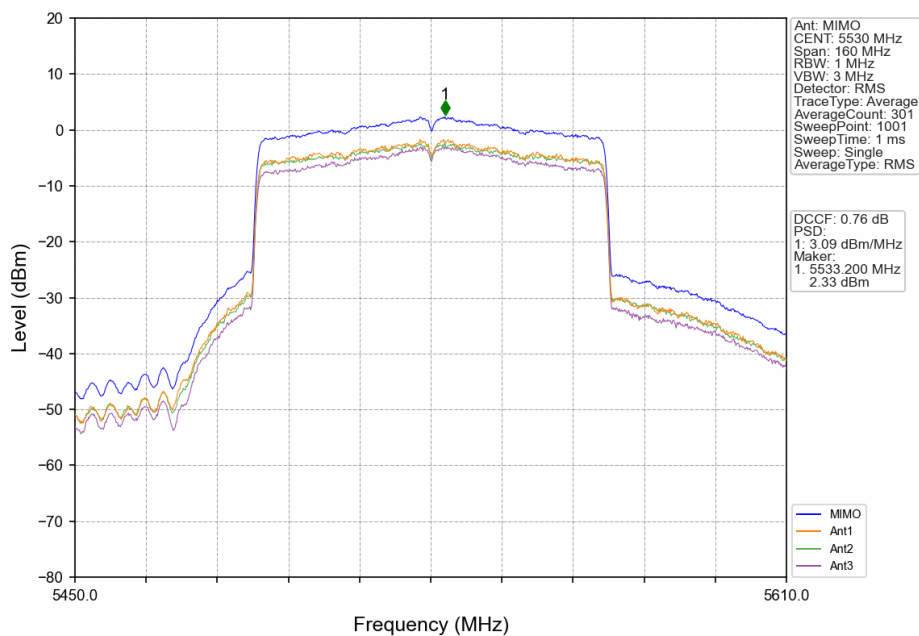
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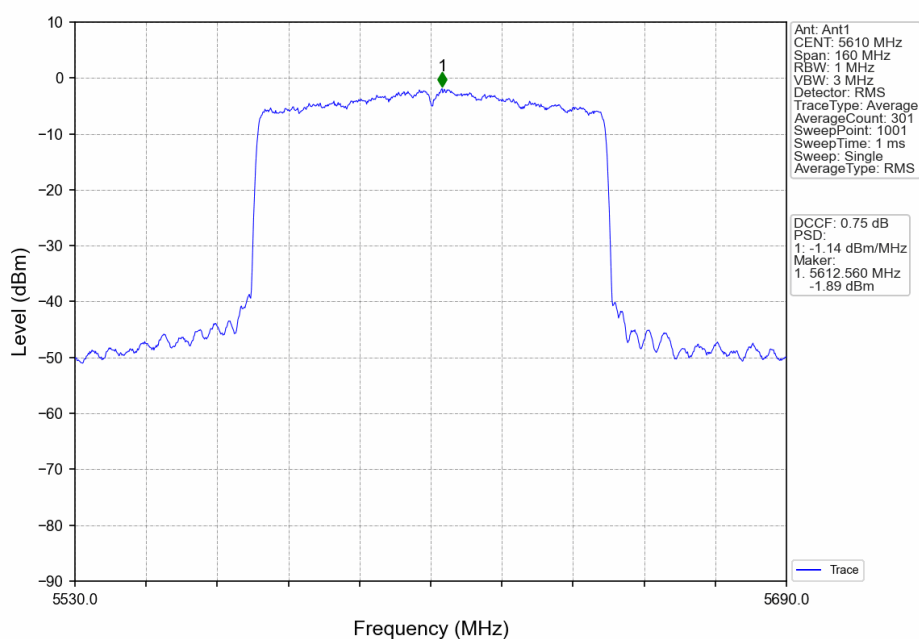
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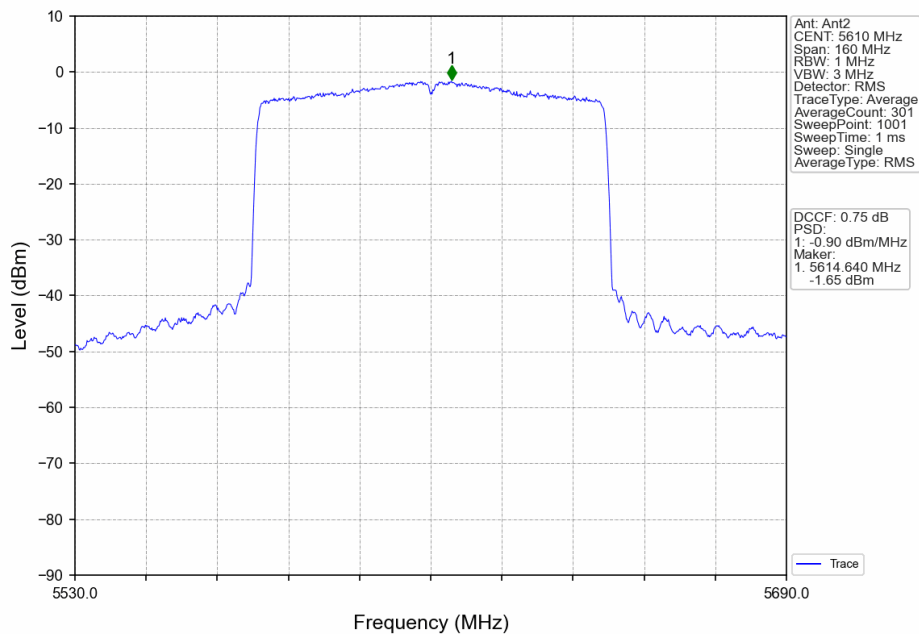
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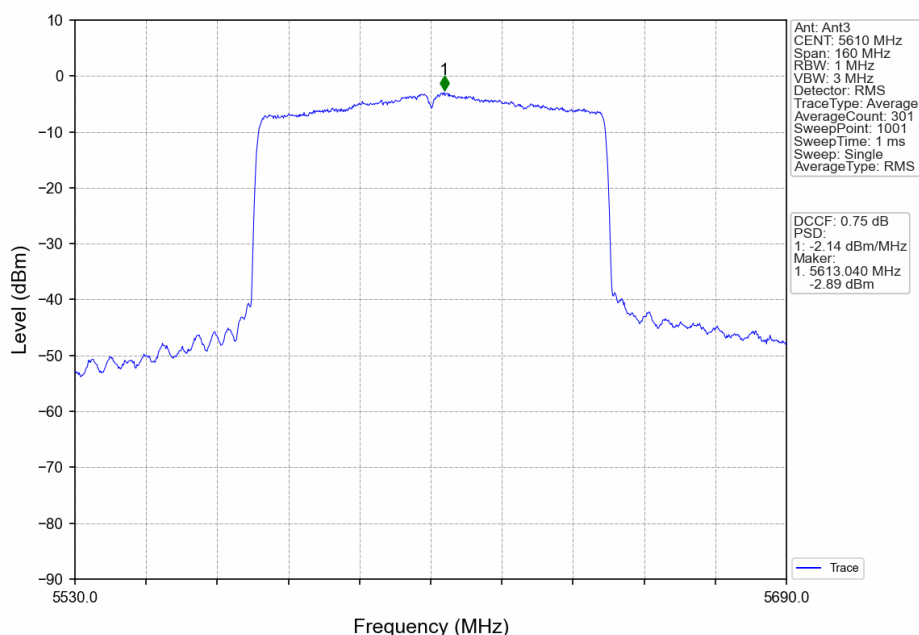
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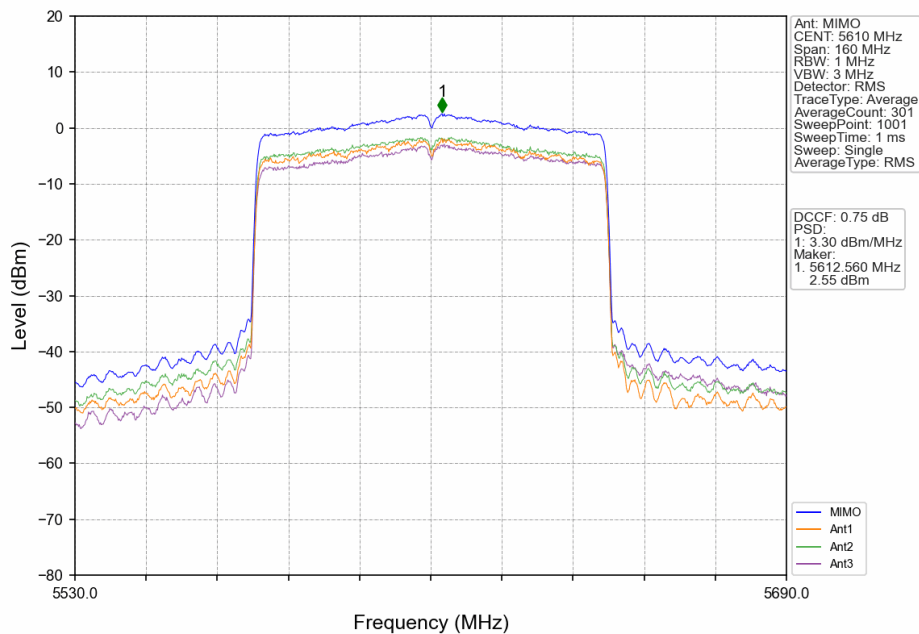
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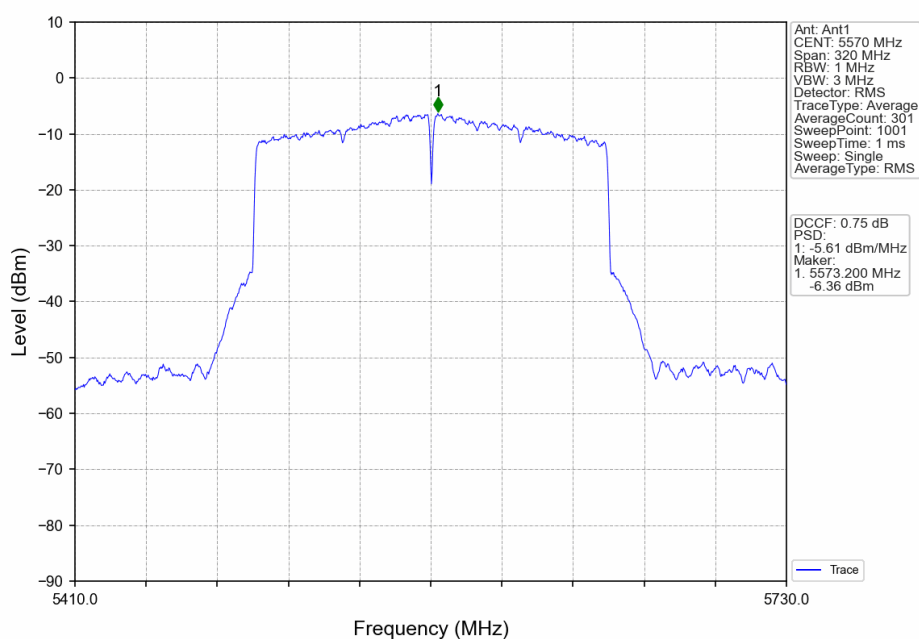
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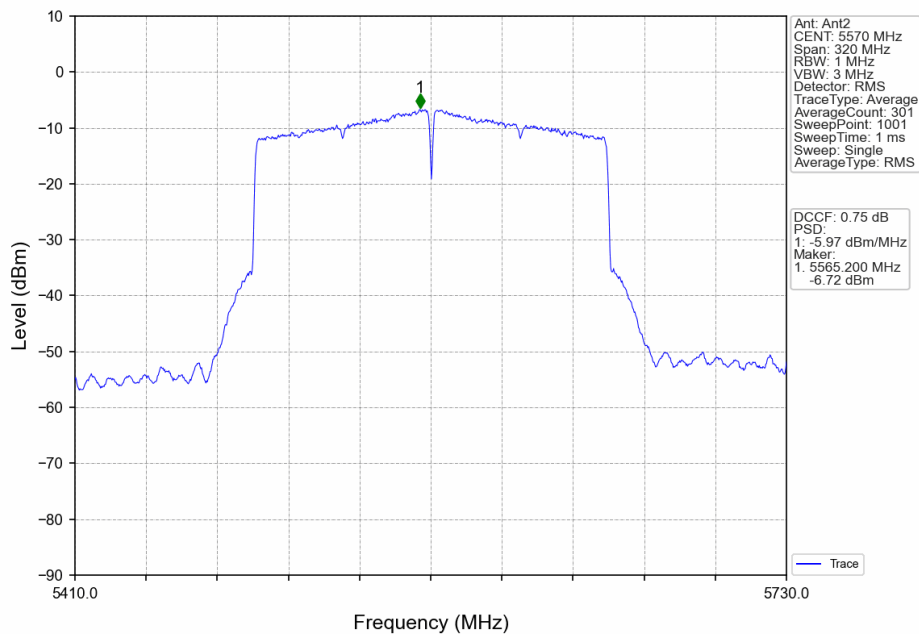
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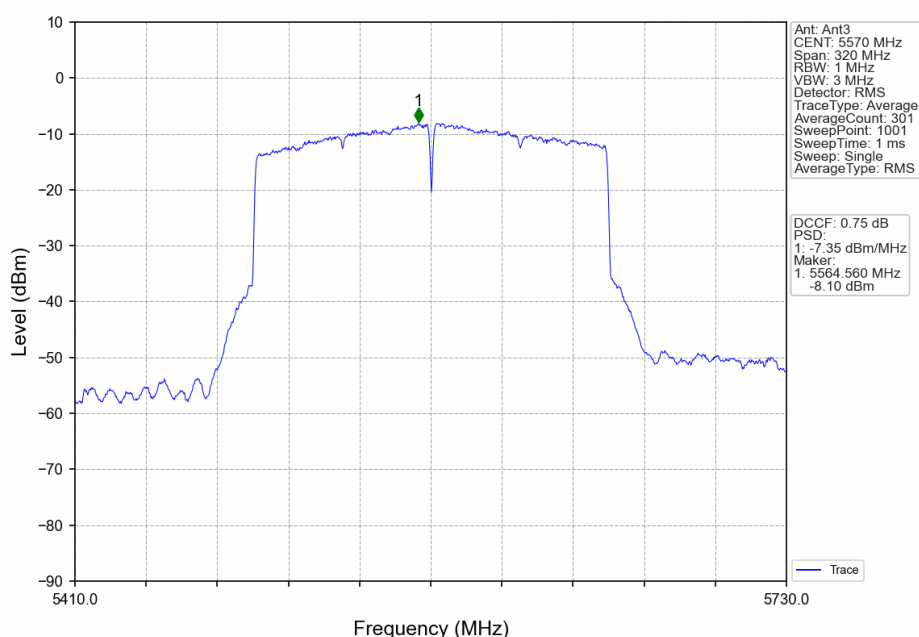
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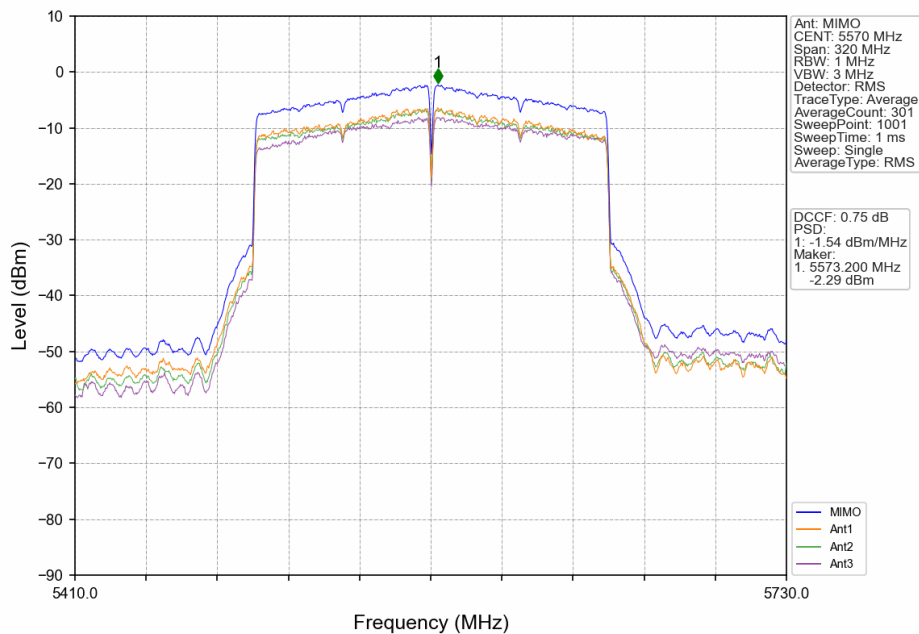
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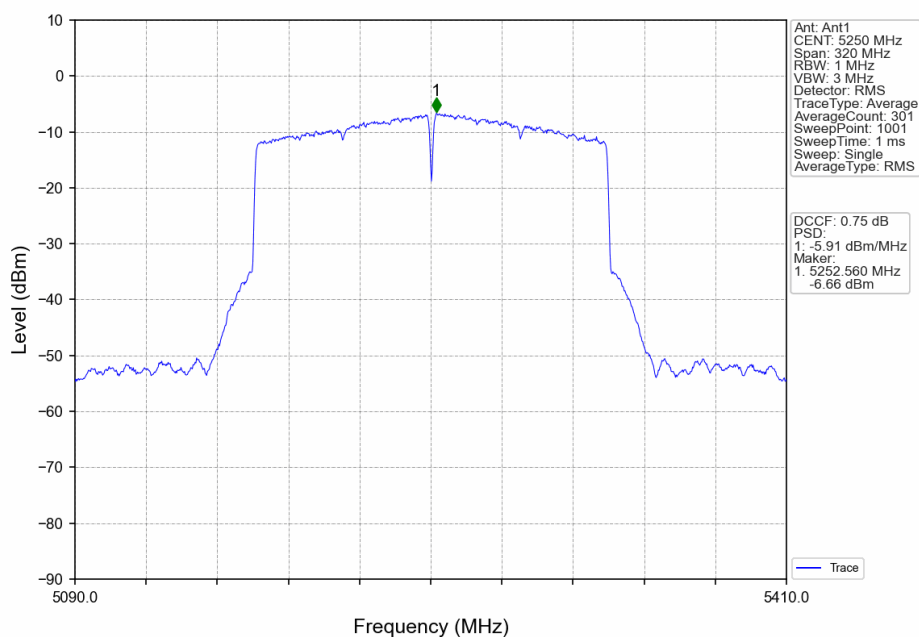
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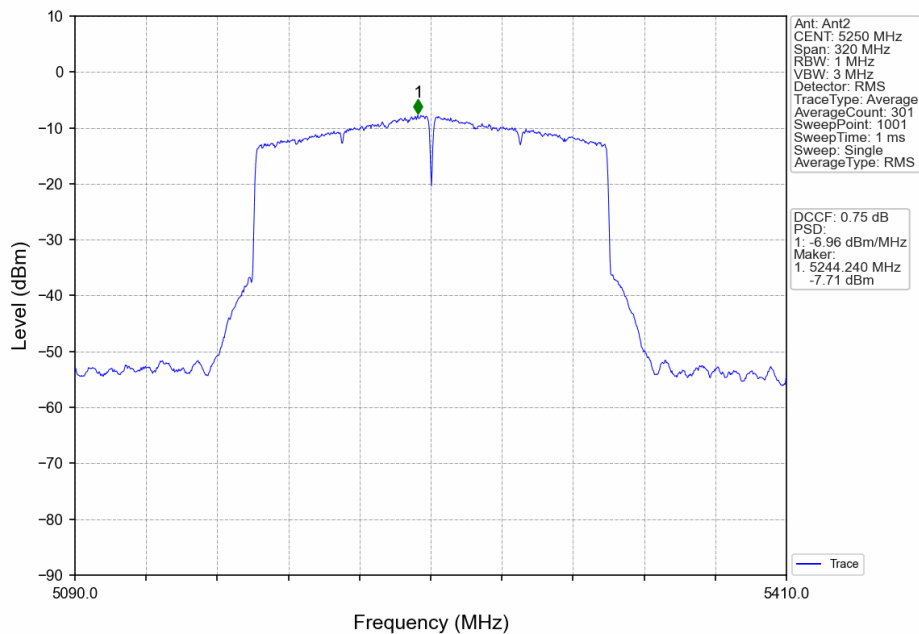
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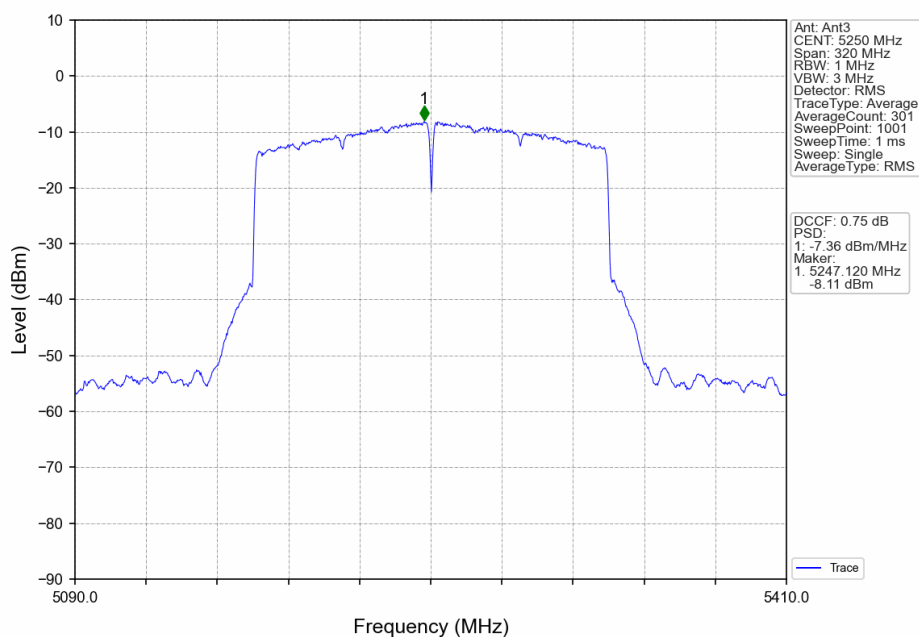
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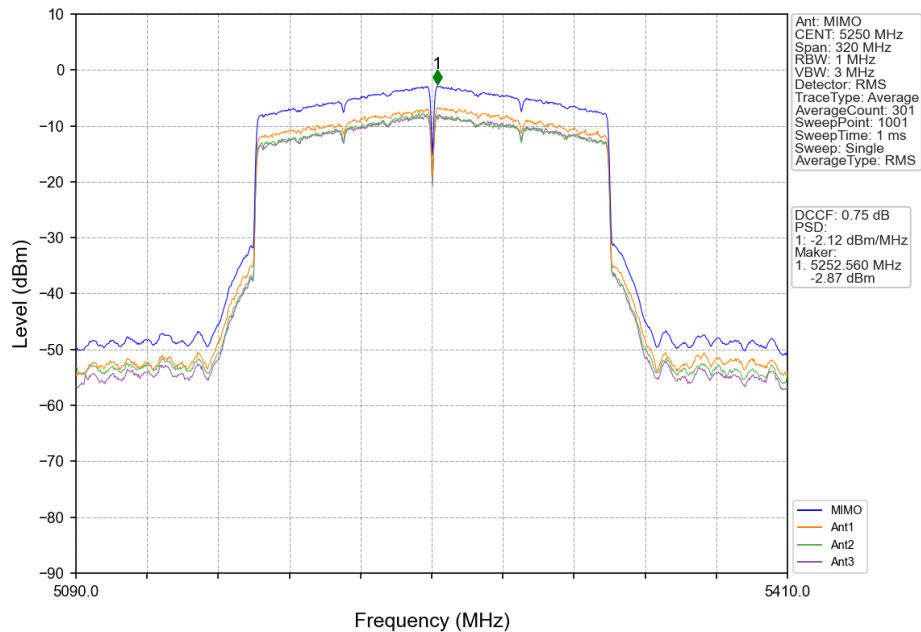
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802.11ax(HEW160)_MCH_5250MHz_2xRU996_Left_Ant3_NTNV



802.11ax(HEW160)_MCH_5250MHz_2xRU996_Left_MIMO_NTNV



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SZEMC-TRF-01 Rev. A/0 Aug01,2022

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4.2 PSD-Band3

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)					Verdict
					ANT1	ANT2	ANT3	MIMO	Limit	
802.11a	SISO	5745	/	/	8.04	7.65	6.74	/	<=30	Pass
		5785	/	/	8.09	7.74	6.96	/	<=30	Pass
		5825	/	/	8.55	7.59	6.85	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	1.58	2.08	0.65	6.07	<=28.33	Pass
		5785	/	/	2.19	2.43	1.14	6.40	<=28.33	Pass
		5825	/	/	2.66	1.60	1.06	6.29	<=28.33	Pass
802.11n (HT40)	MIMO	5755	/	/	-0.62	-0.27	-1.72	3.72	<=28.33	Pass
		5795	/	/	-0.32	0.11	-0.93	4.15	<=28.33	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1.70	1.63	0.60	5.82	<=28.33	Pass
		5785	/	/	1.64	2.01	1.26	6.17	<=28.33	Pass
		5825	/	/	2.81	1.85	0.56	6.45	<=28.33	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-0.66	-0.47	-1.71	3.70	<=28.33	Pass
		5795	/	/	-0.12	0.00	-1.00	4.16	<=28.33	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-3.55	-3.28	-4.57	0.82	<=28.33	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1.41	1.38	0.28	5.55	<=28.33	Pass
		5785	RU242	Left	1.16	0.89	-0.13	5.19	<=28.33	Pass
		5825	RU242	Left	1.31	0.31	-0.35	4.78	<=28.33	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	-0.99	-0.48	-1.46	3.57	<=28.33	Pass
		5795	RU484	Left	-0.11	-0.20	-0.97	4.02	<=28.33	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-3.92	-3.44	-4.73	0.68	<=28.33	Pass

Note1: ANT1 & ANT2: 2.5dBi ANT3:3.65dBi; Directional Gain: 7.67dBi.

Note2: $\text{Directional gain} = 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi}$

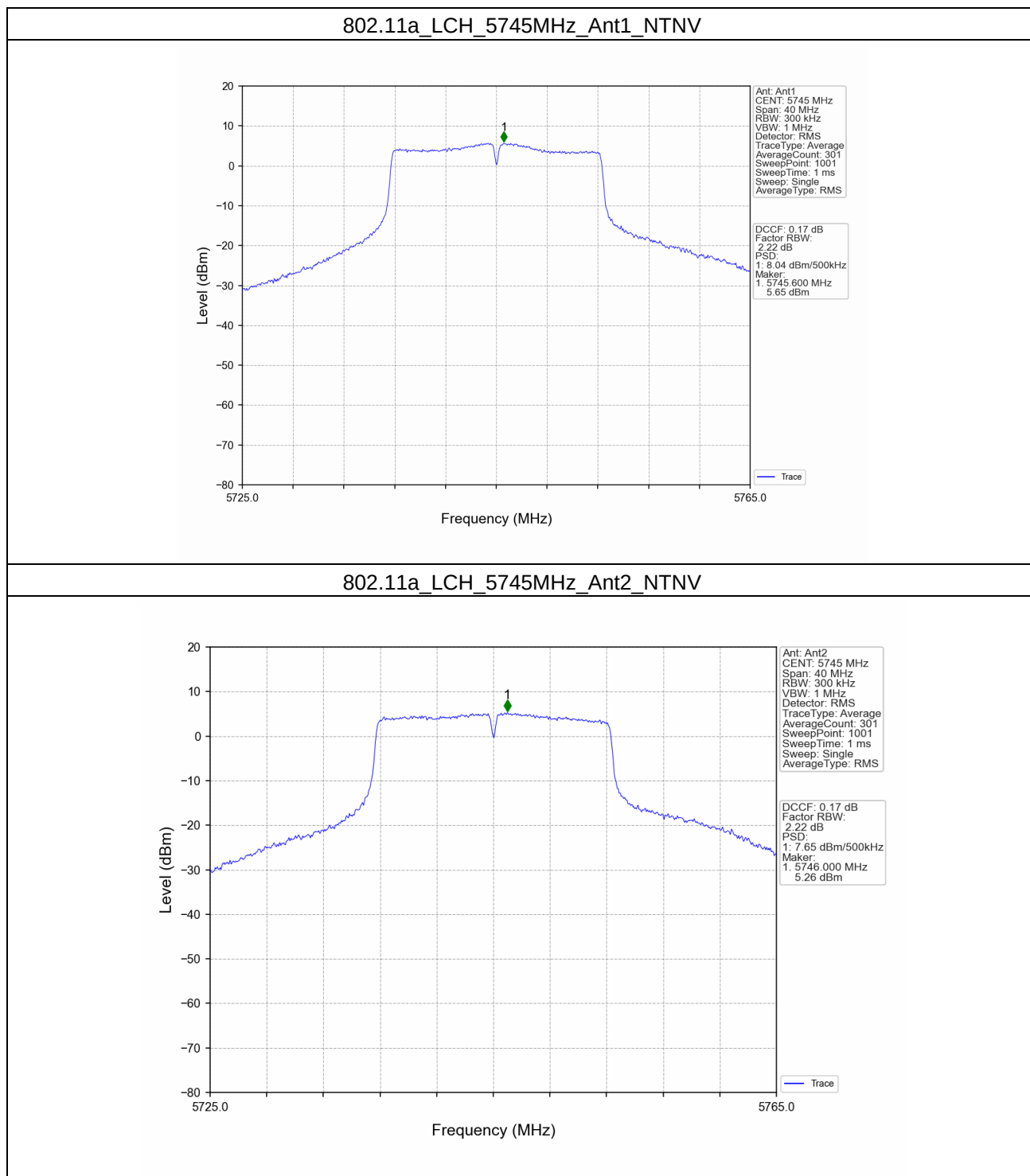


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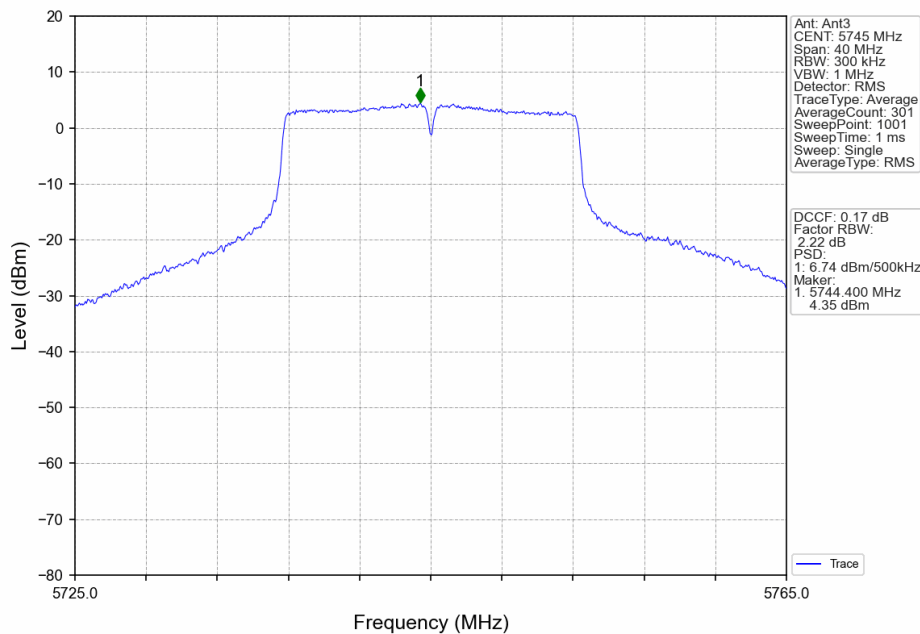
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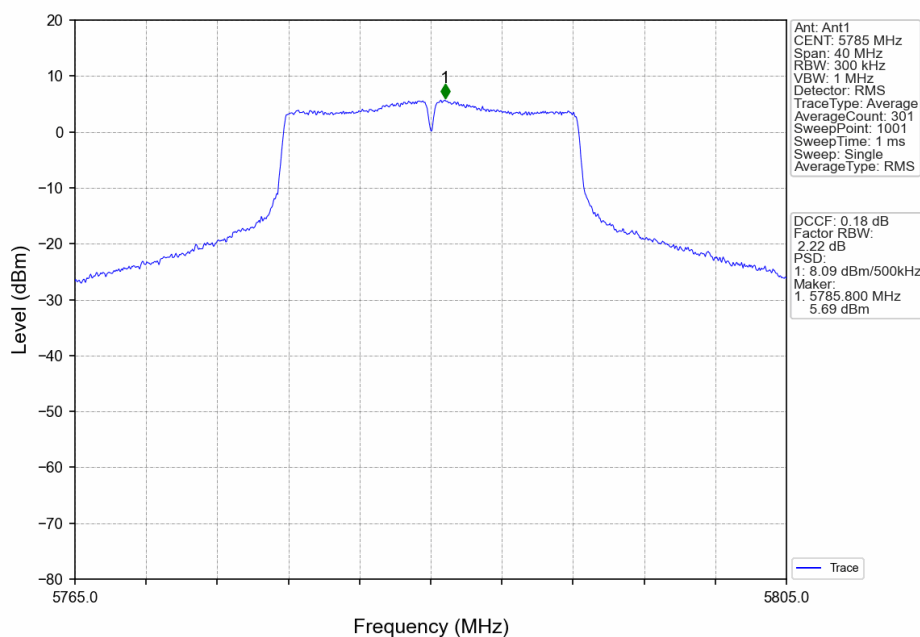
4.2.2 Test Graph



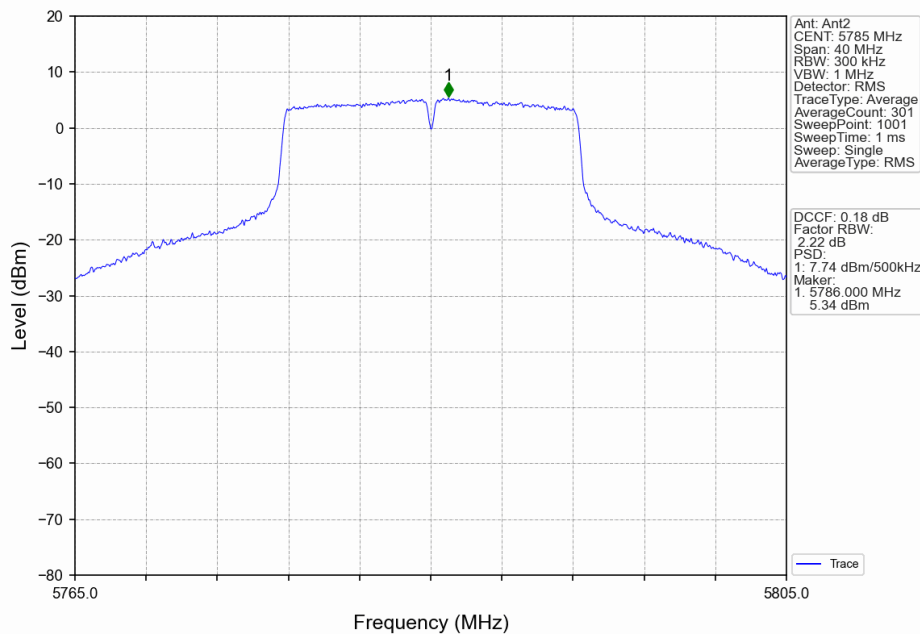
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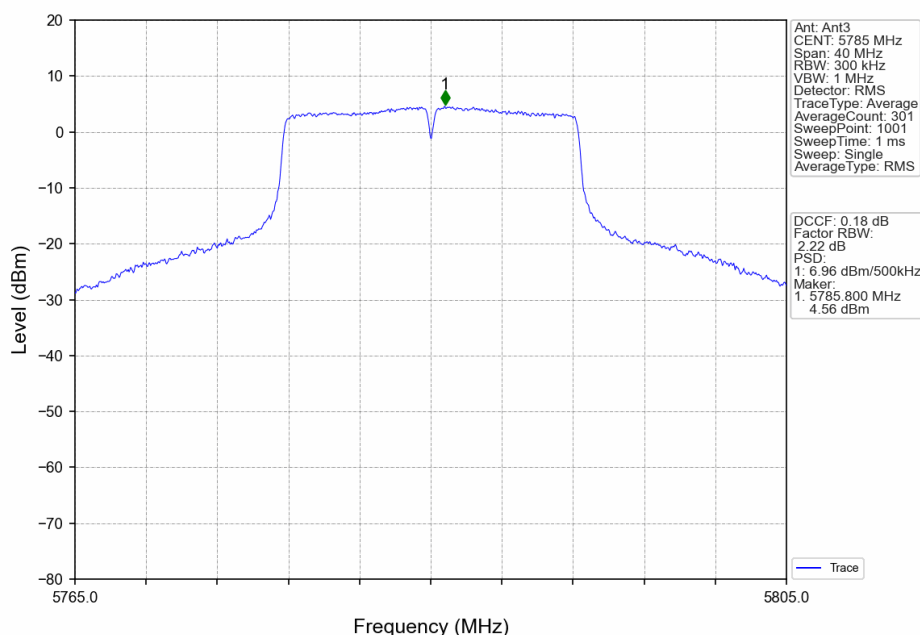
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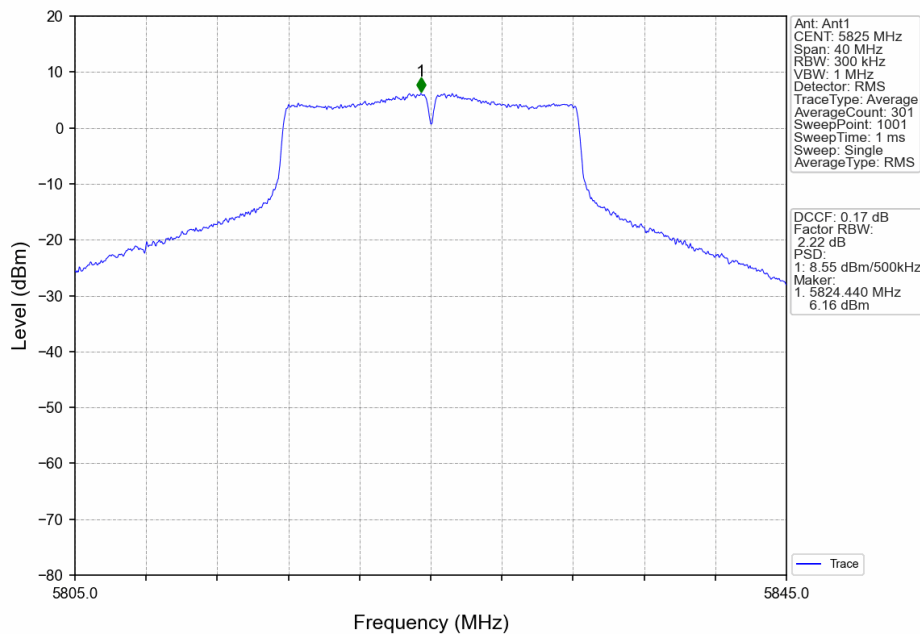
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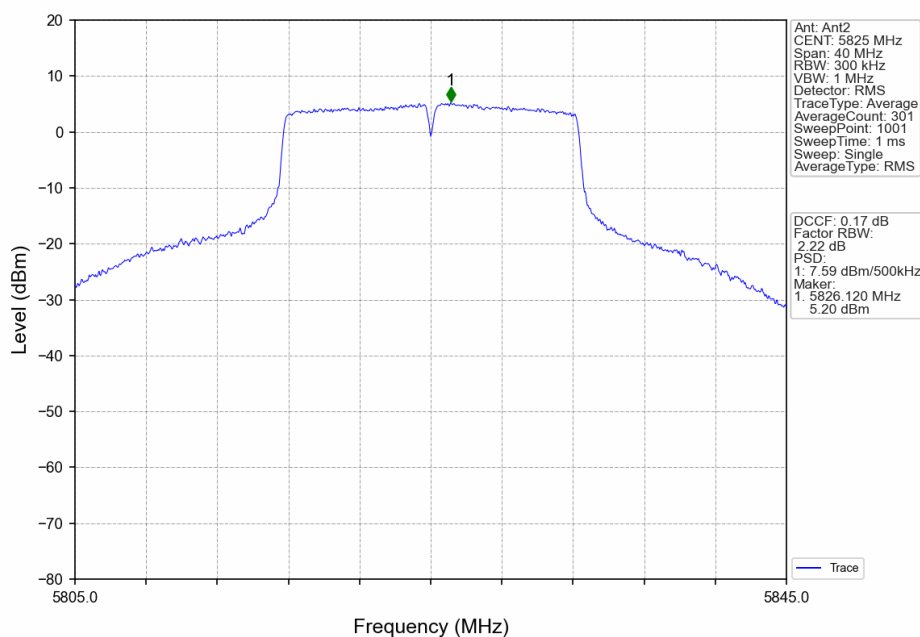
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802.11a_HCH_5825MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant2_NTNV

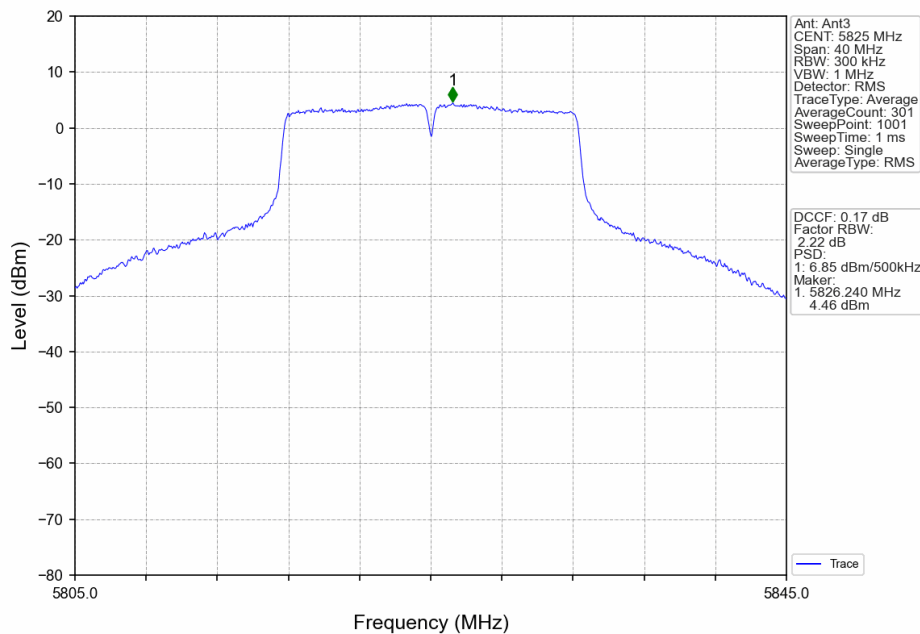


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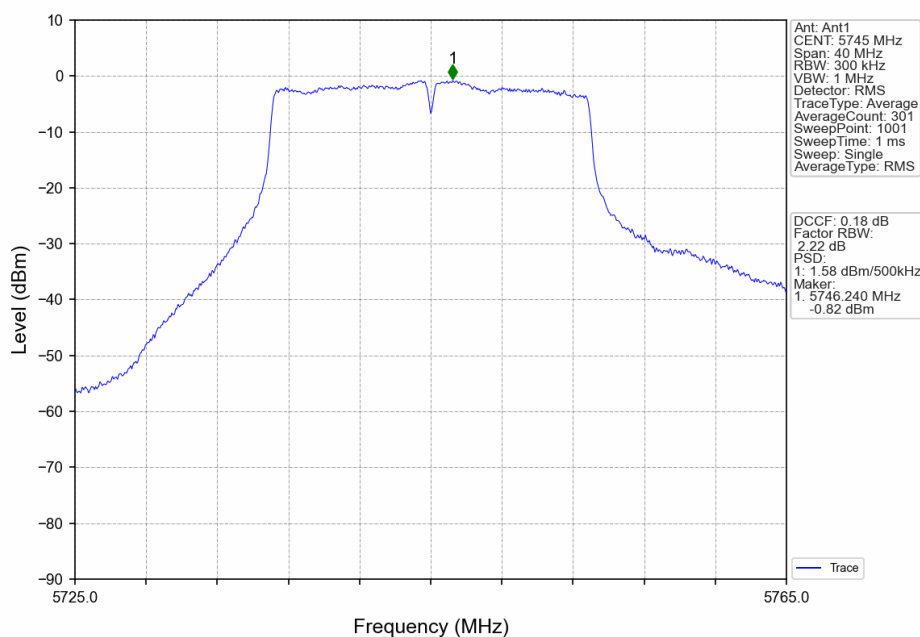
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802.11a_HCH_5825MHz_Ant3_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

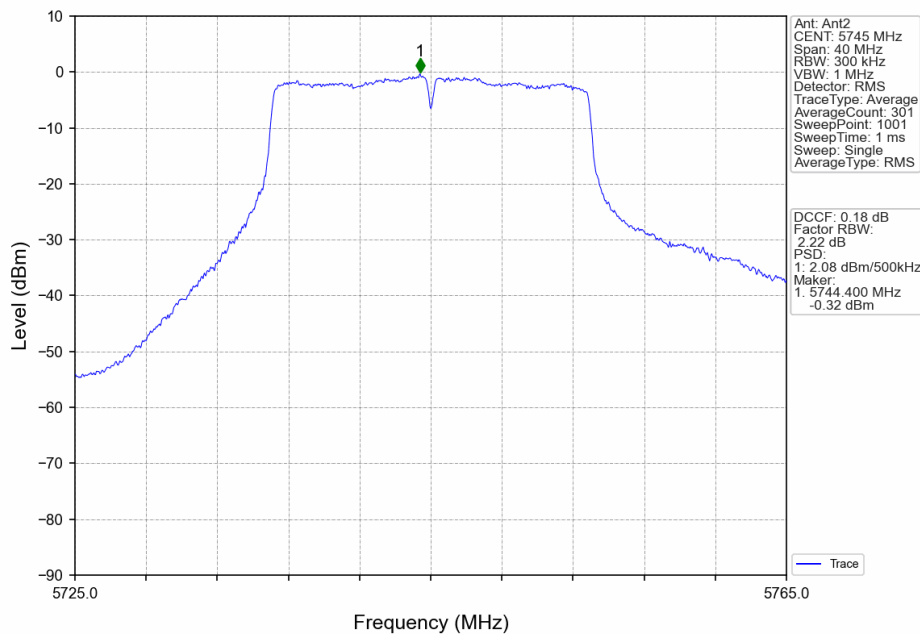


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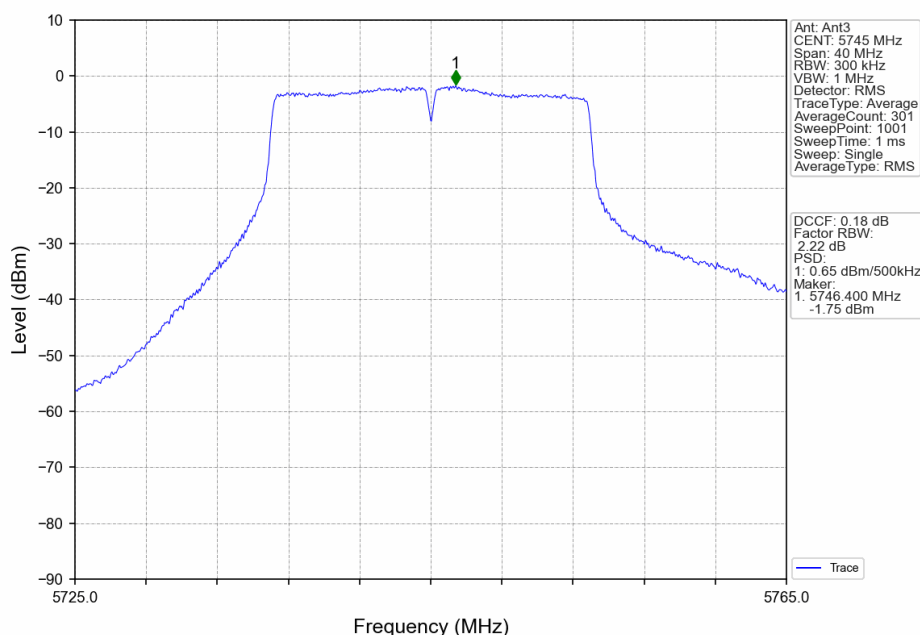
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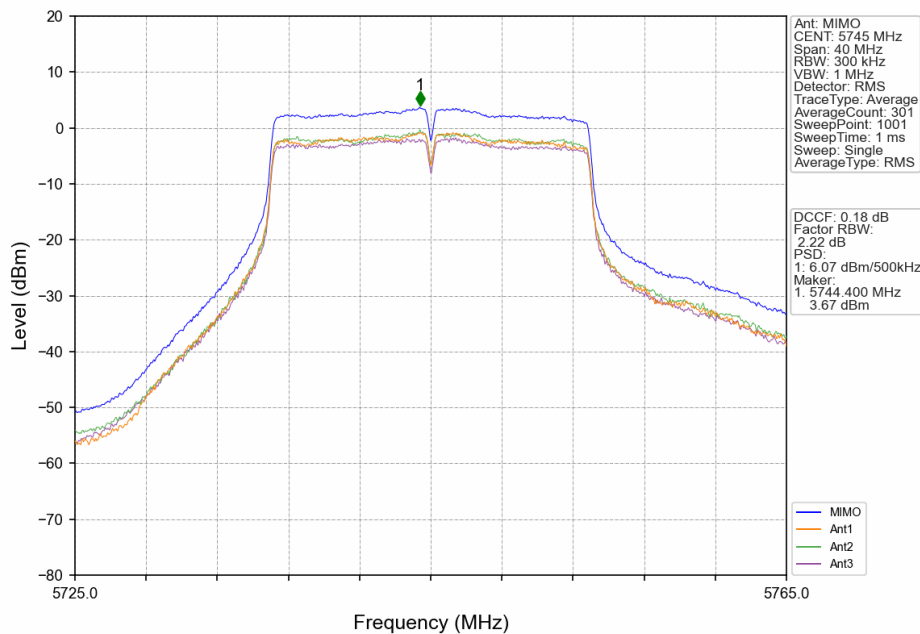
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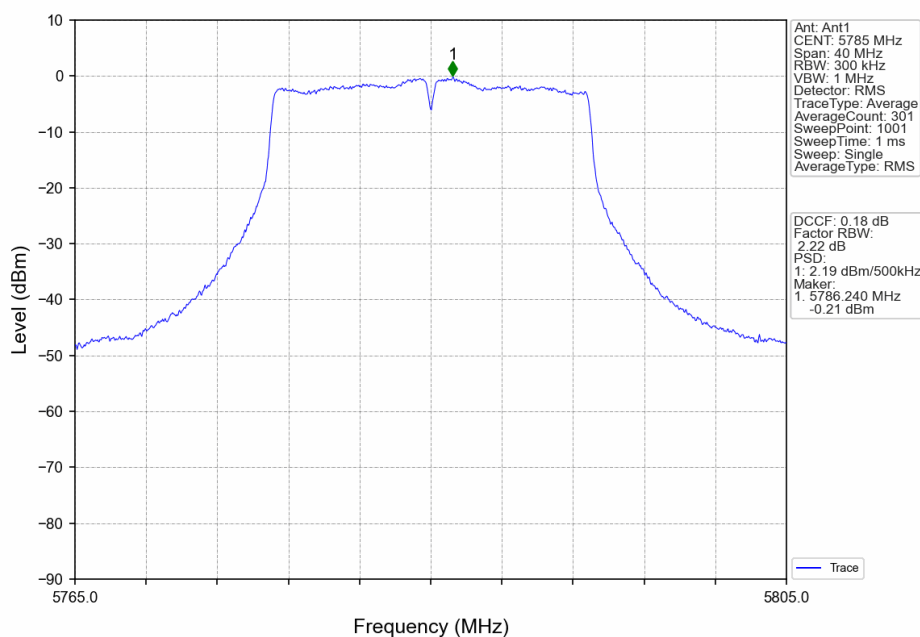
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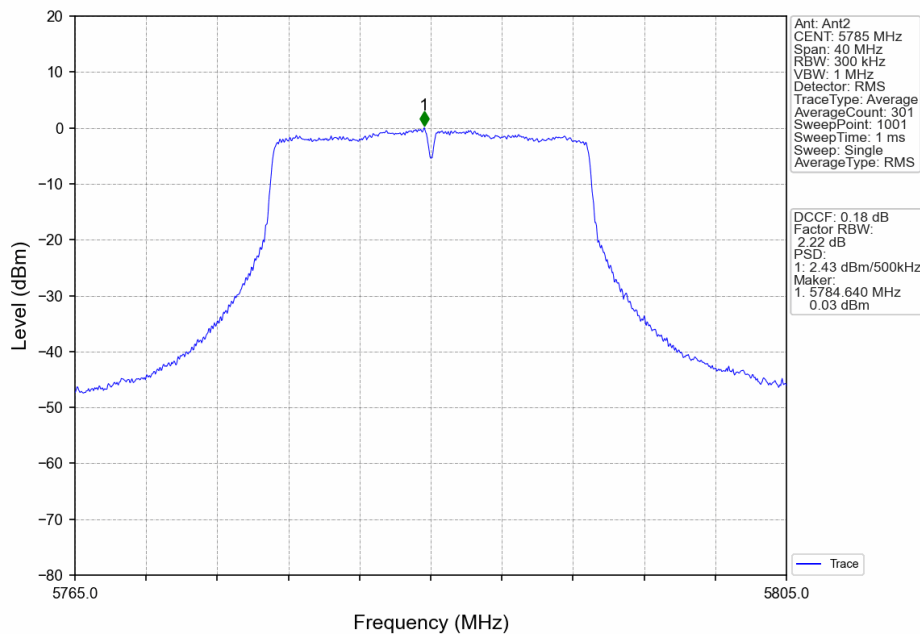
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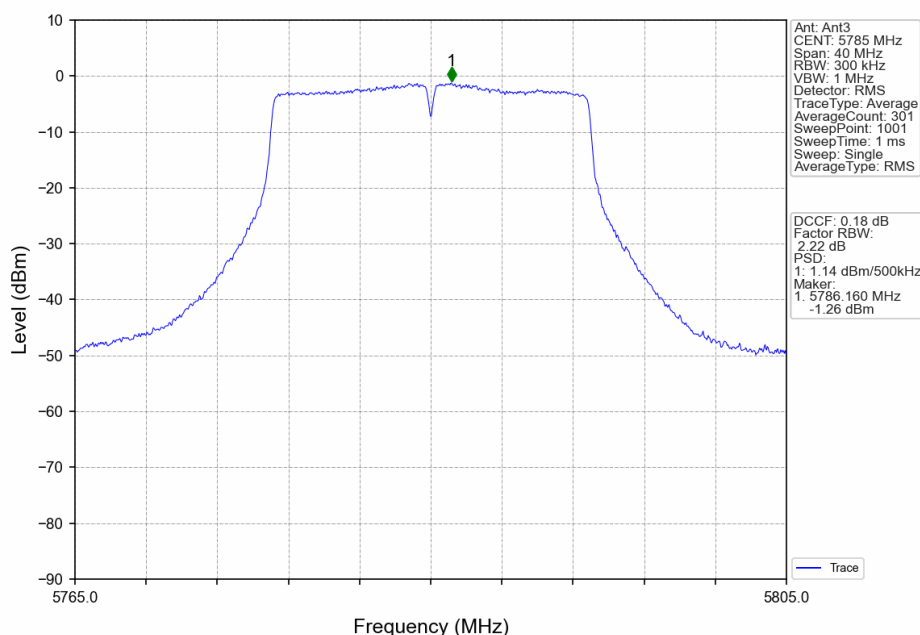
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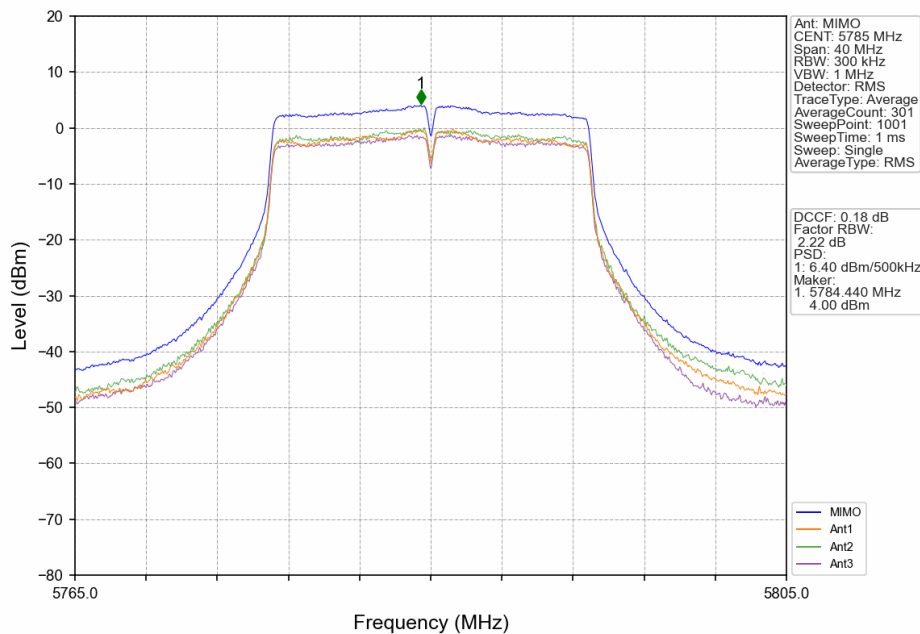
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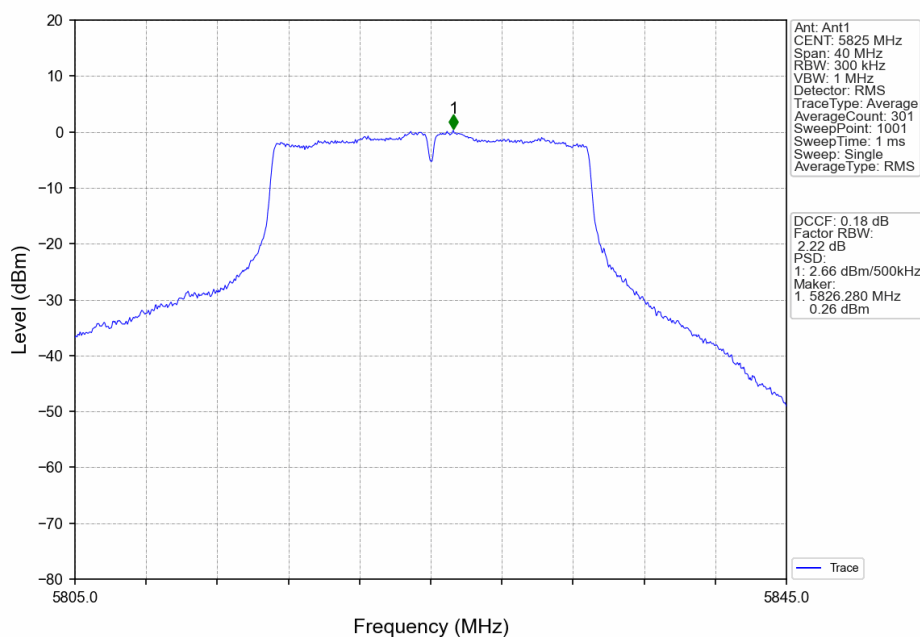
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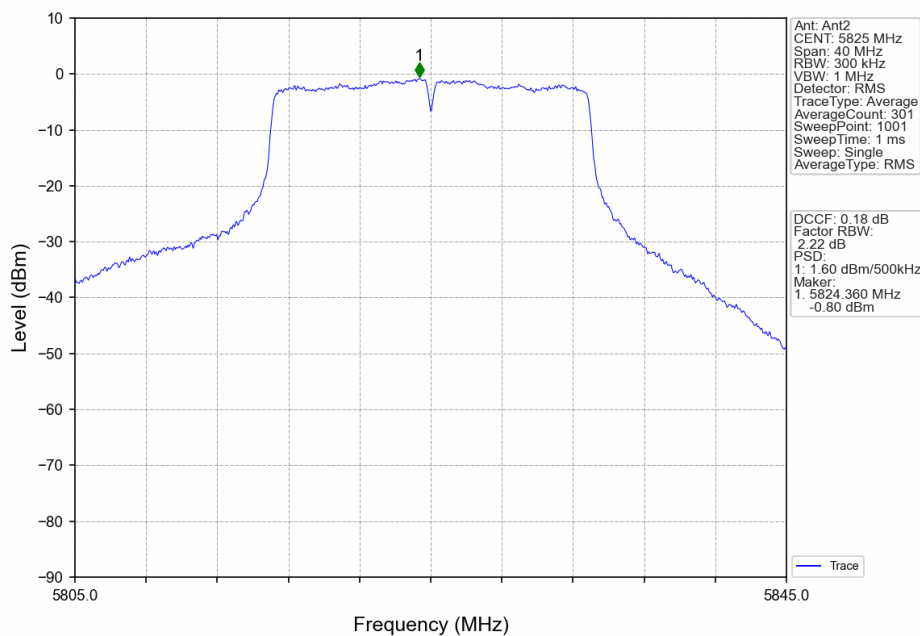
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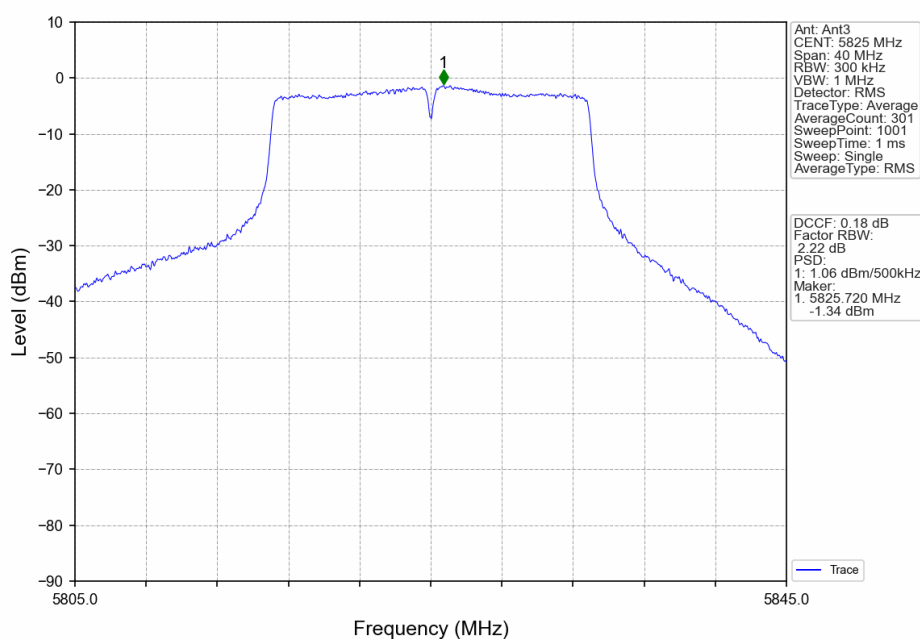
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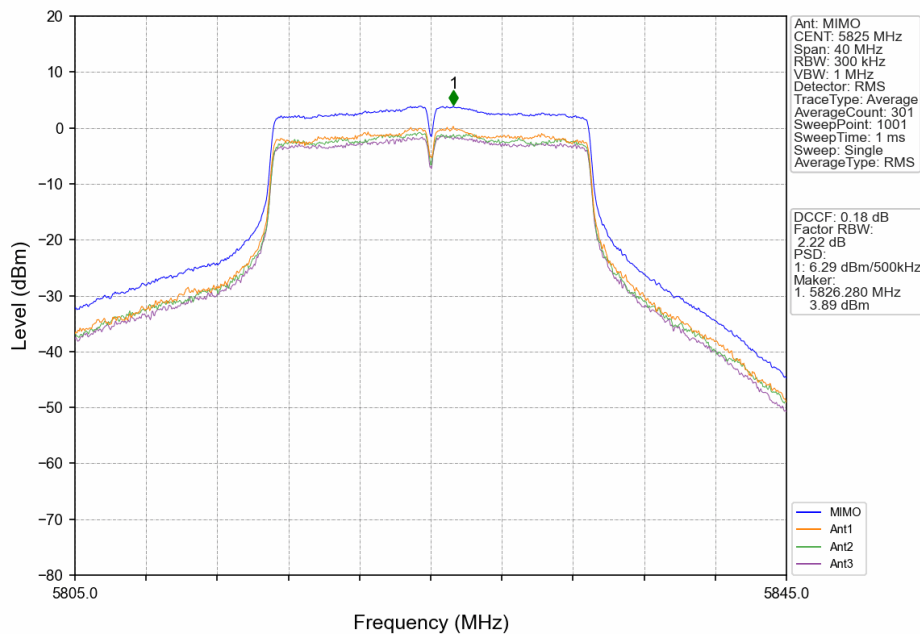
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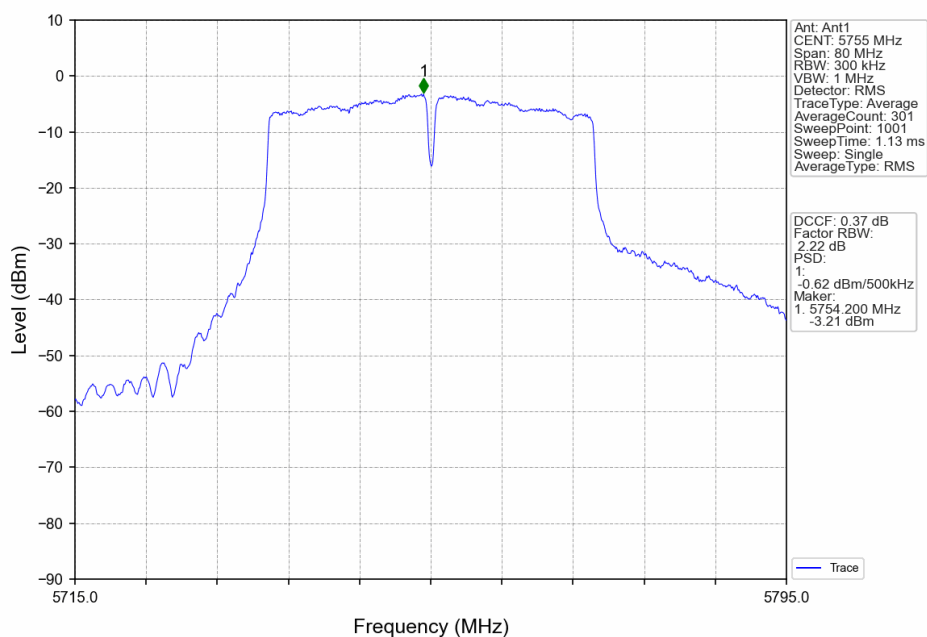
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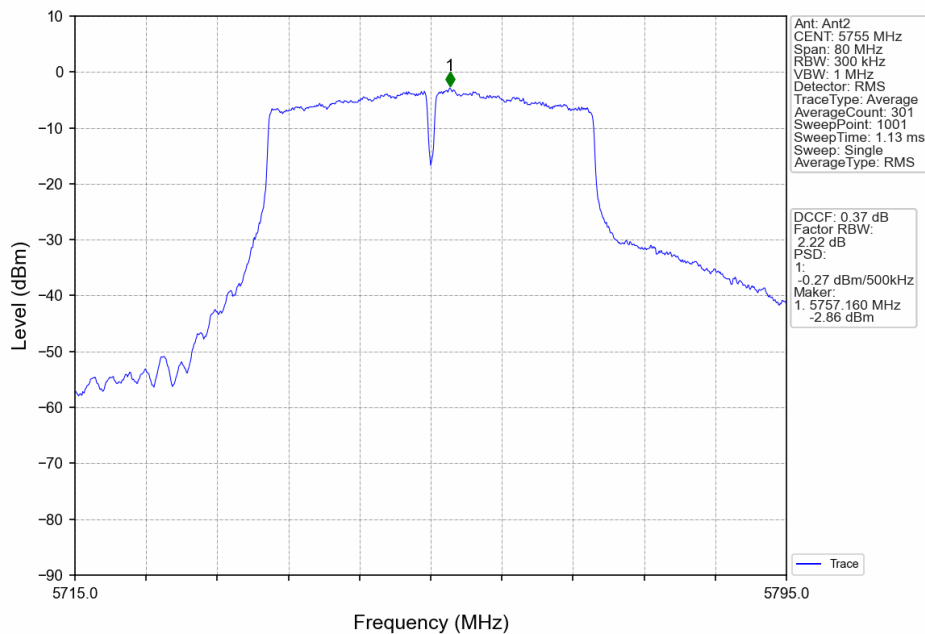
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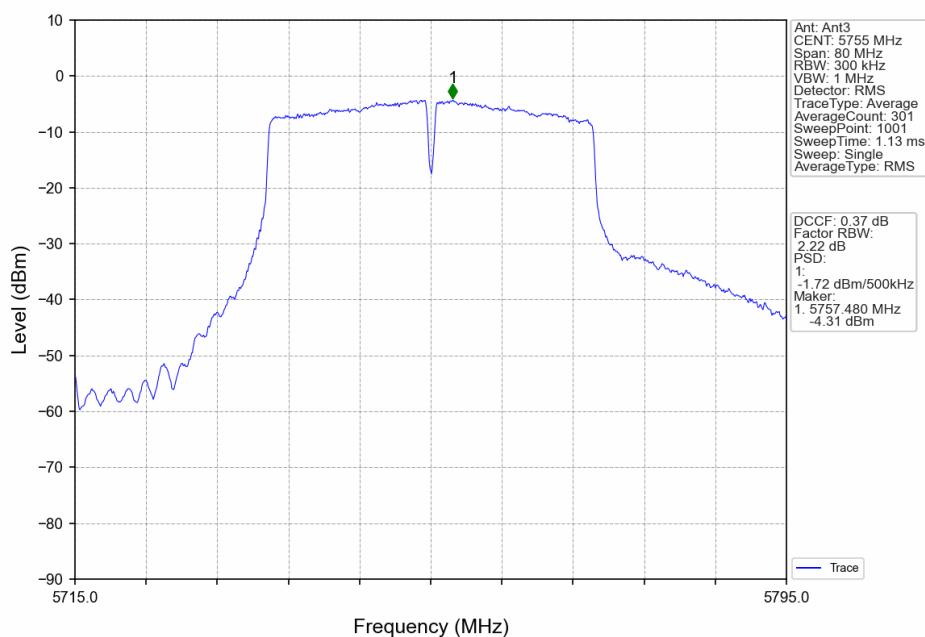
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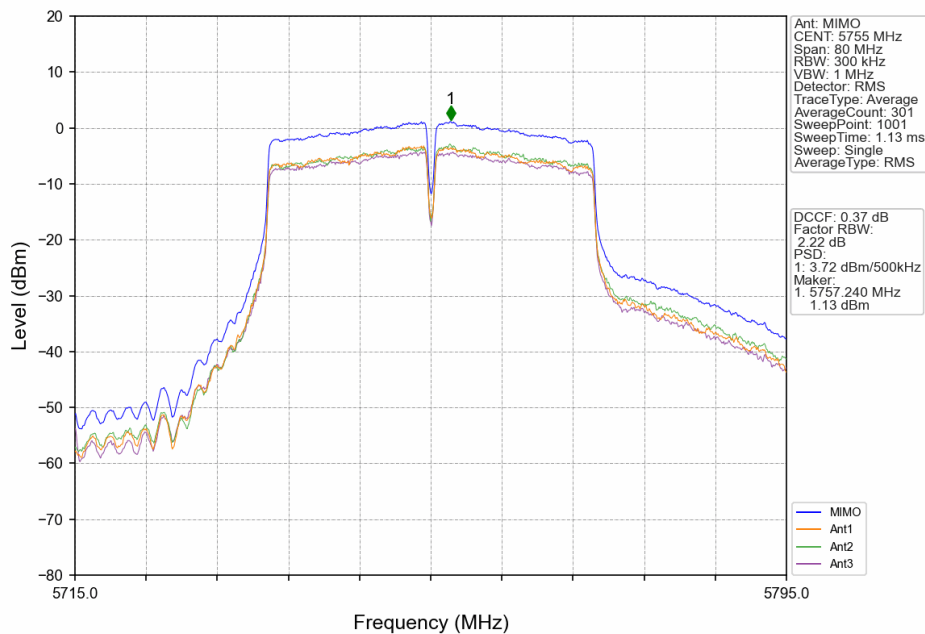
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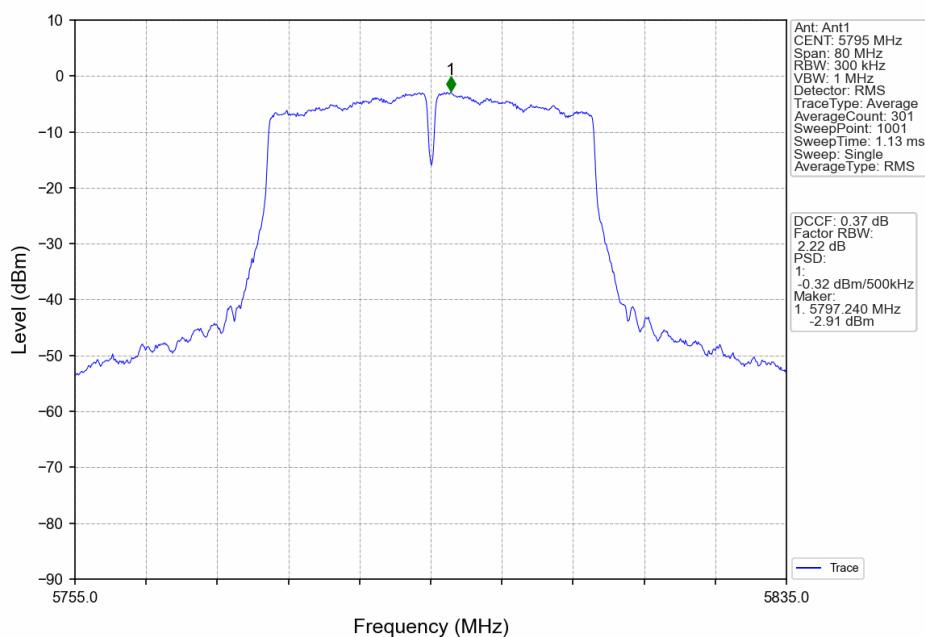
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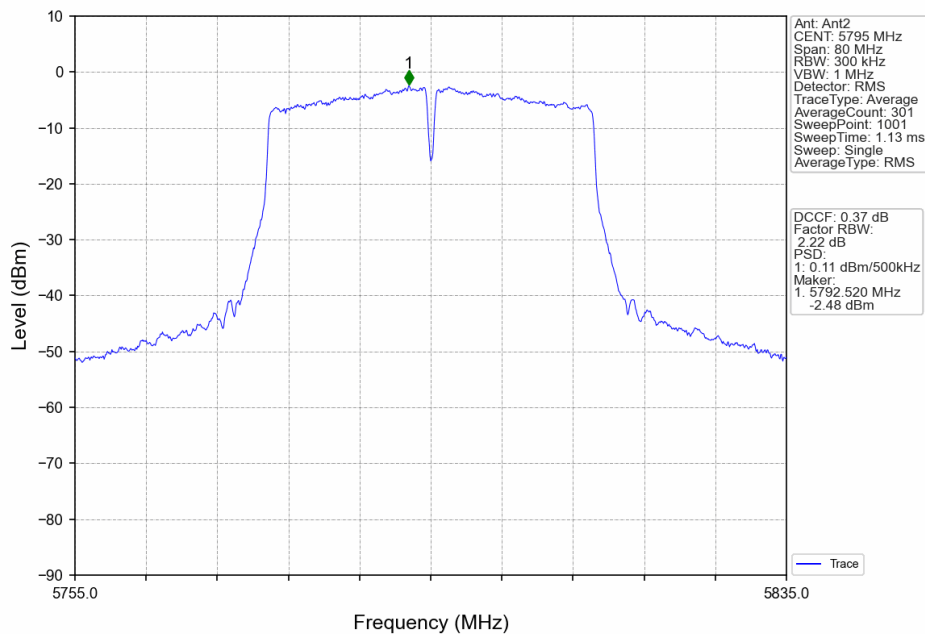
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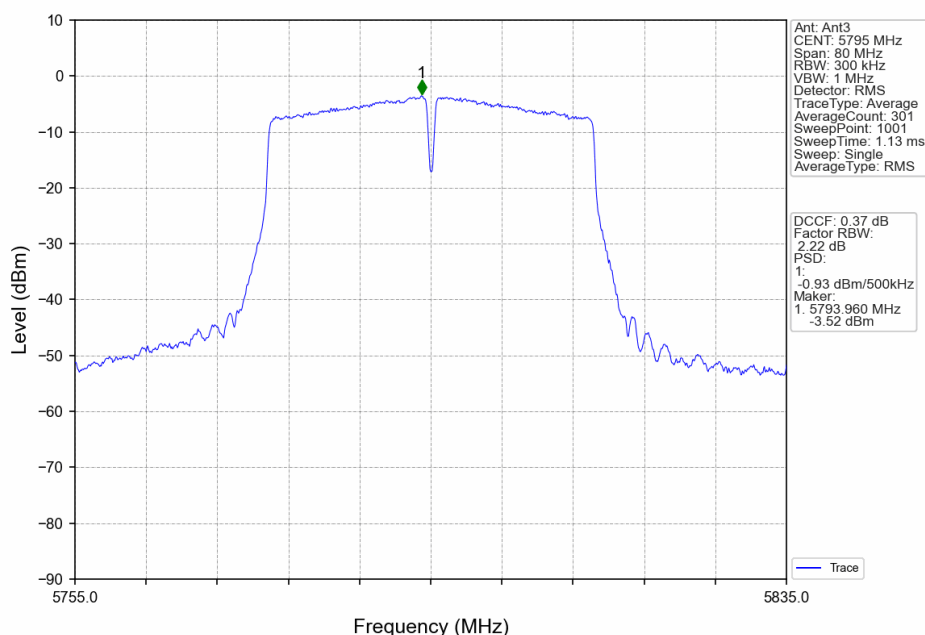
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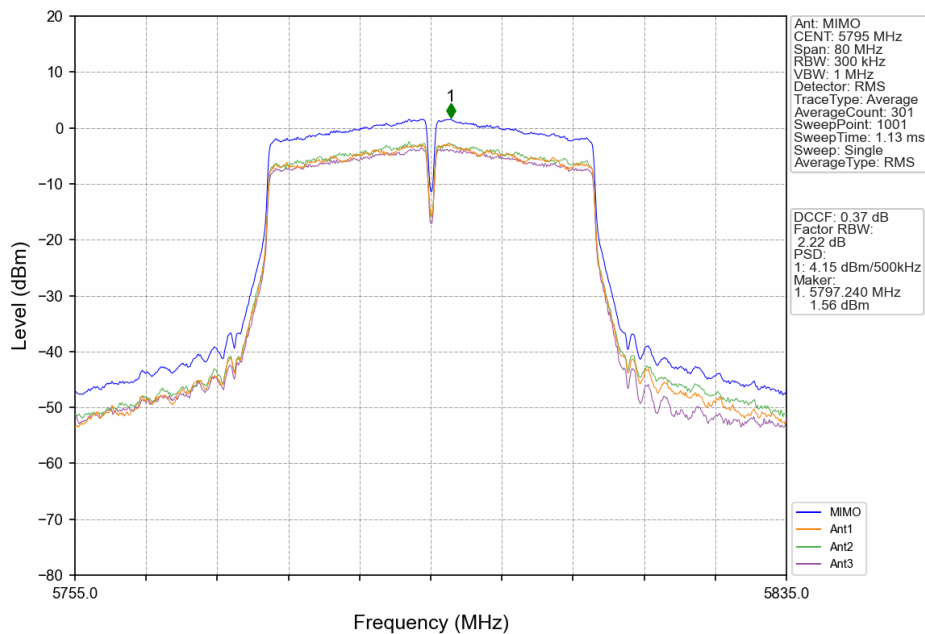
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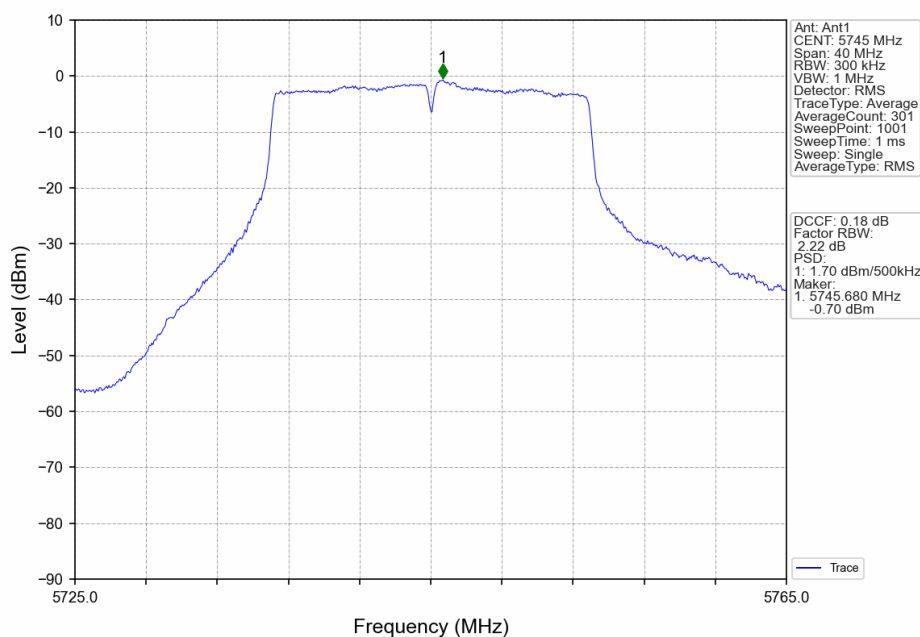
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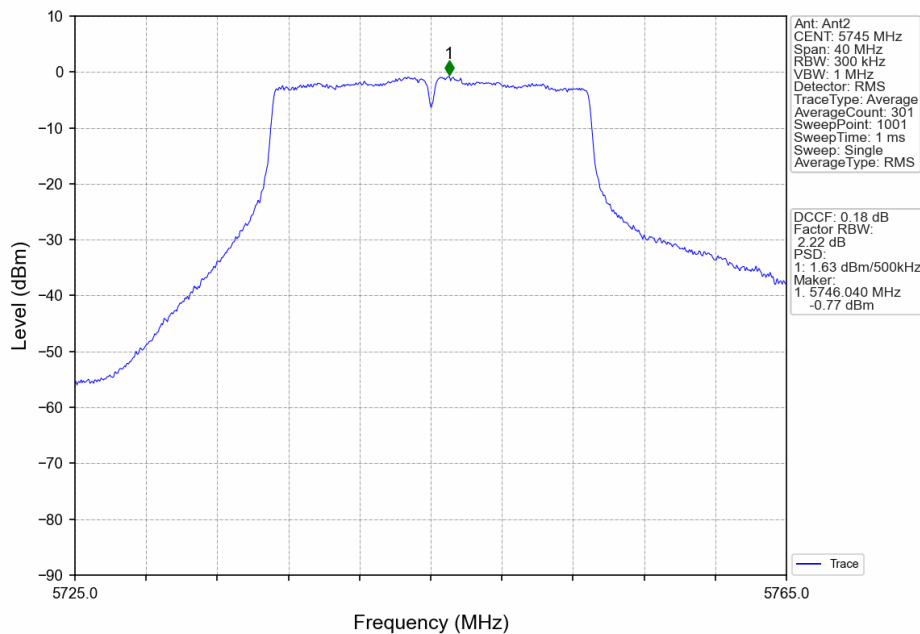
802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant3_NTNV

