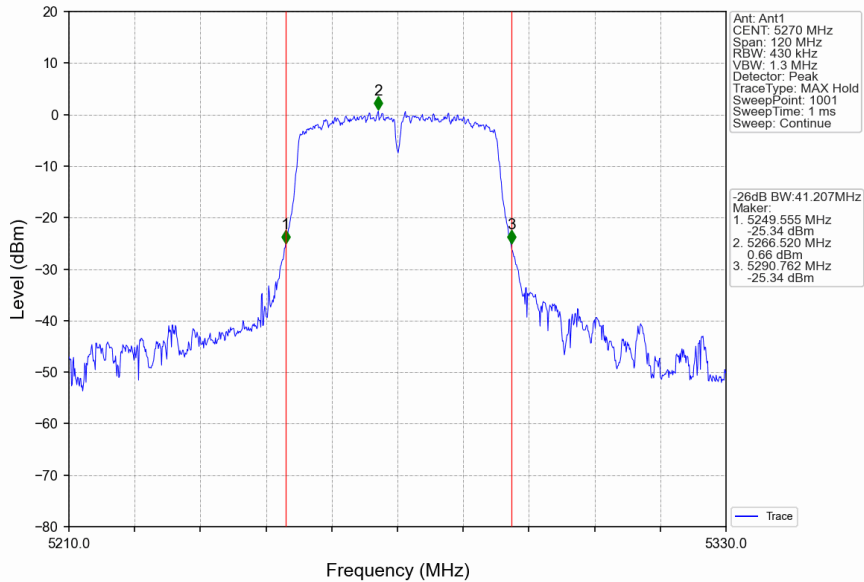
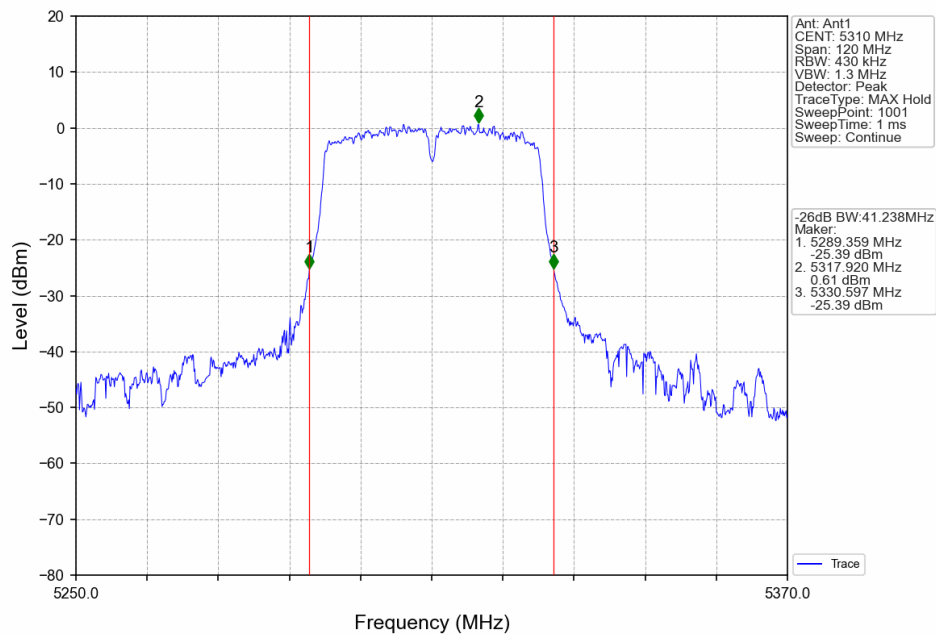


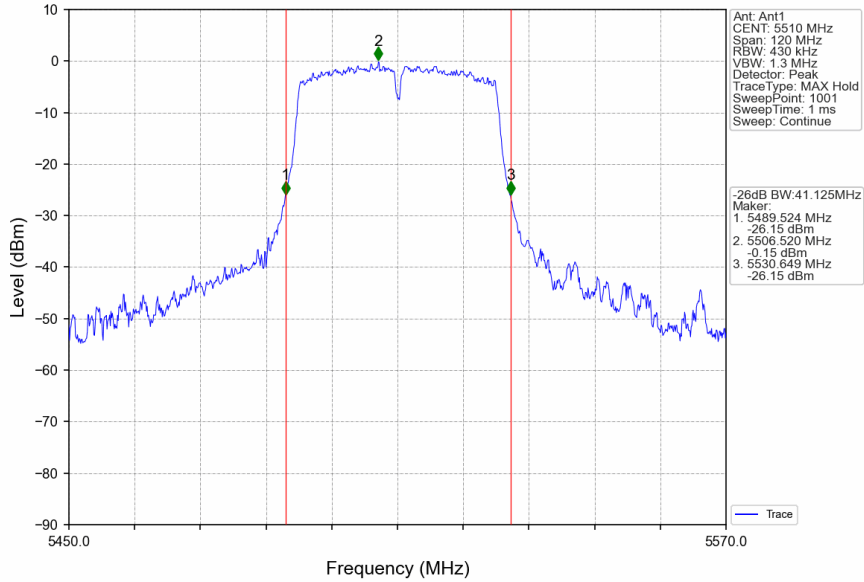
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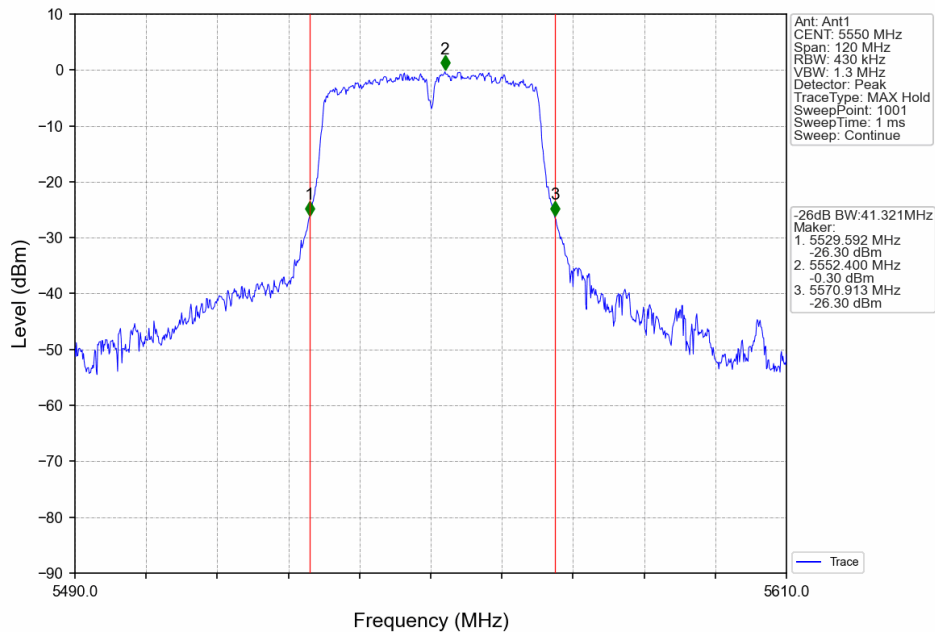
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



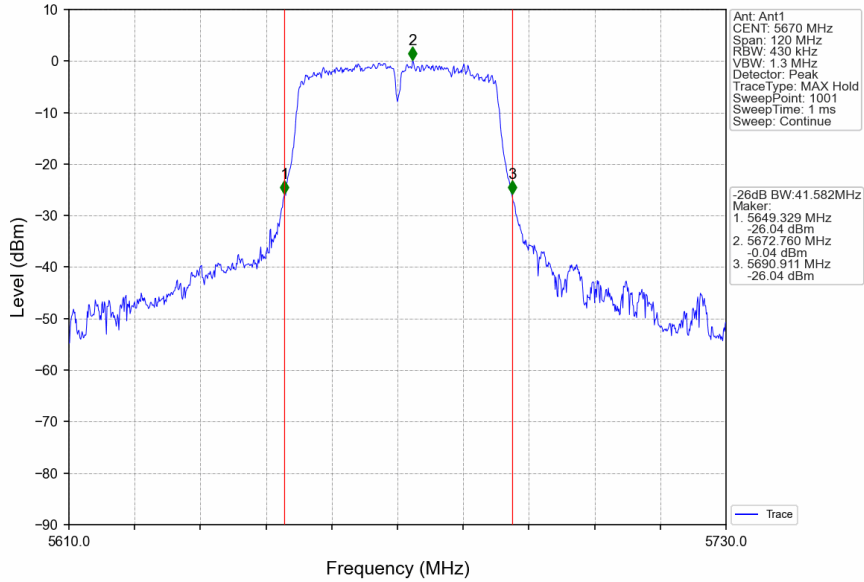
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



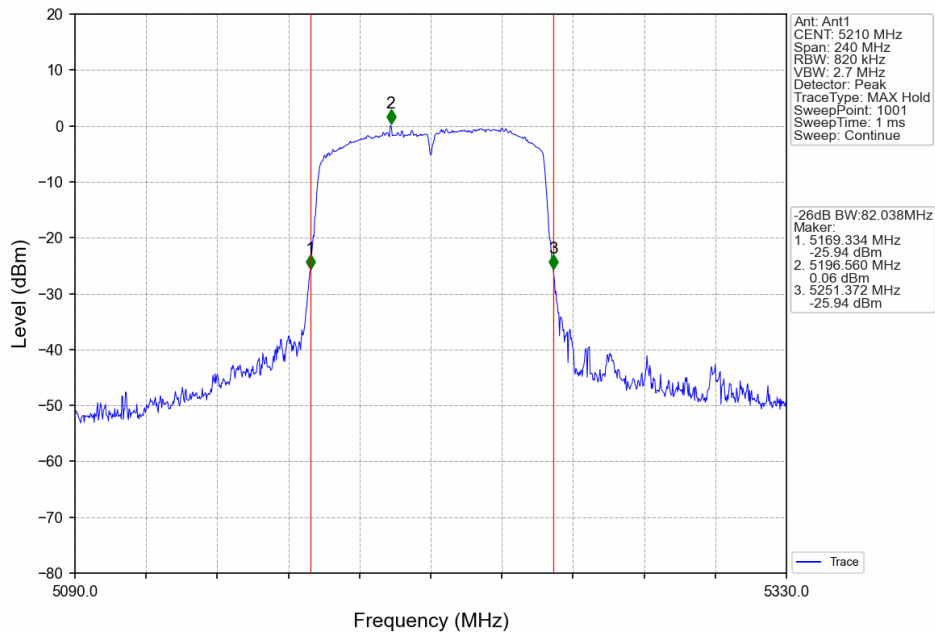
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



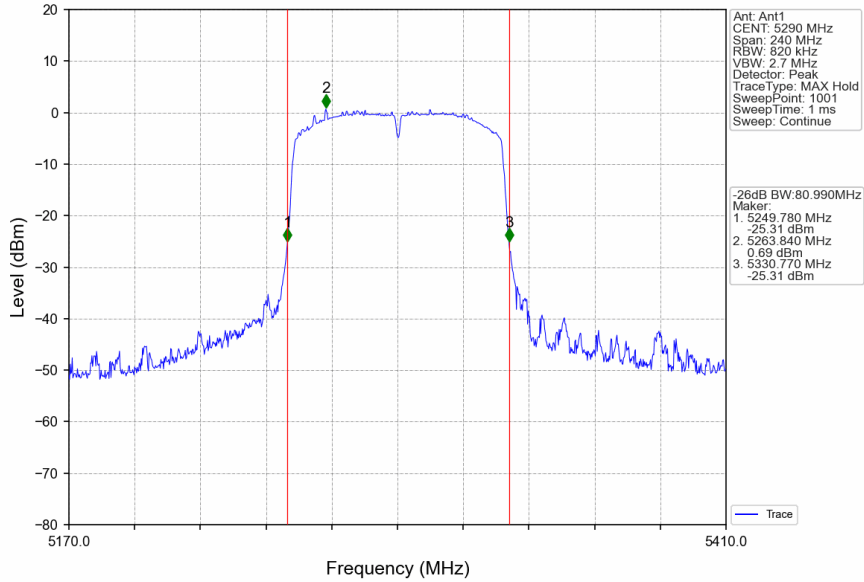
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



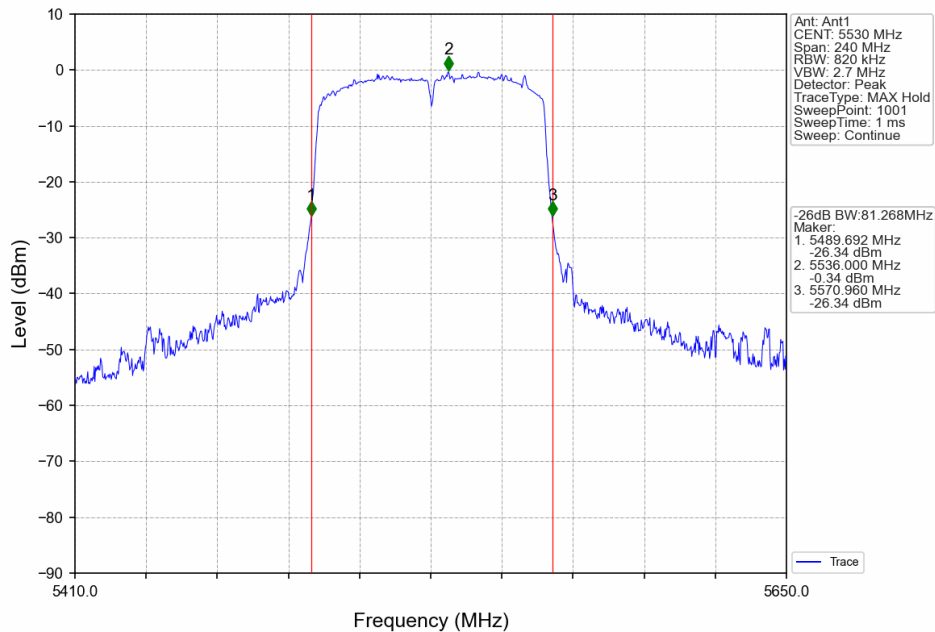
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



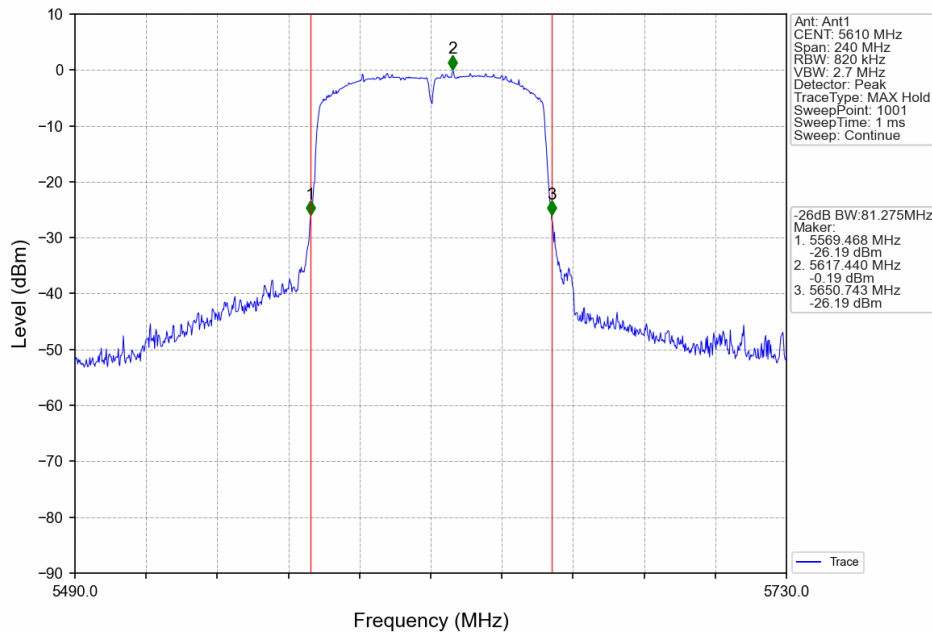
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



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
			ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5180	12.19	14.61	/	<=23.98	Pass
		5200	12.86	14.65	/	<=23.98	Pass
		5240	13.97	14.68	/	<=23.98	Pass
		5260	13.69	14.08	/	<=23.67	Pass
		5300	14.04	13.66	/	<=23.67	Pass
		5320	13.79	13.25	/	<=23.68	Pass
		5500	12.58	13.53	/	<=23.65	Pass
		5580	13.16	14.58	/	<=23.66	Pass
		5700	12.51	14.08	/	<=23.7	Pass
		5745	13.64	14.35	/	<=30	Pass
		5785	13.95	15.41	/	<=30	Pass
		5825	14.43	15.52	/	<=30	Pass
802.11n (HT20)	MIMO	5180	9.14	10.81	13.07	<=22.01	Pass
		5200	9.58	11.59	13.71	<=22.01	Pass
		5240	10.68	12.09	14.45	<=22.01	Pass
		5260	10.46	11.60	14.08	<=21.91	Pass
		5300	10.55	11.06	13.82	<=21.88	Pass
		5320	10.46	10.66	13.57	<=21.9	Pass
		5500	10.02	10.81	13.44	<=21.91	Pass
		5580	10.77	12.05	14.47	<=21.9	Pass
		5700	10.43	11.48	14.00	<=21.91	Pass
		5745	10.67	12.70	14.81	<=28.03	Pass
		5785	10.38	13.24	15.05	<=28.03	Pass
		5825	11.00	13.38	15.36	<=28.03	Pass
802.11n (HT40)	MIMO	5190	9.22	11.07	13.25	<=22.01	Pass
		5230	10.39	11.90	14.22	<=22.01	Pass
		5270	10.42	11.48	13.99	<=22.01	Pass
		5310	10.48	10.84	13.67	<=22.01	Pass
		5510	9.47	11.00	13.31	<=22.01	Pass

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		5550	9.79	11.28	13.61	<=22.01	Pass
		5670	10.13	10.63	13.40	<=22.01	Pass
		5755	9.94	12.49	14.41	<=28.03	Pass
		5795	10.49	13.32	15.14	<=28.03	Pass
802.11ac (VHT20)	MIMO	5180	9.10	10.92	13.11	<=22.01	Pass
		5200	9.57	11.53	13.67	<=22.01	Pass
		5240	10.75	12.10	14.49	<=22.01	Pass
		5260	10.46	11.56	14.06	<=21.9	Pass
		5300	10.68	11.26	13.99	<=21.92	Pass
		5320	10.57	10.65	13.62	<=1.92	Pass
		5500	9.75	10.78	13.31	<=21.93	Pass
		5580	10.70	12.08	14.45	<=21.91	Pass
		5700	10.30	11.39	13.89	<=21.89	Pass
		5745	12.52	12.09	15.32	<=28.03	Pass
		5785	10.42	13.29	15.10	<=28.03	Pass
		5825	11.03	13.46	15.42	<=28.03	Pass
802.11ac (VHT40)	MIMO	5190	10.28	11.40	13.89	<=22.01	Pass
		5230	10.42	11.92	14.24	<=22.01	Pass
		5270	10.52	11.47	14.03	<=22.01	Pass
		5310	10.57	10.54	13.57	<=22.01	Pass
		5510	9.49	11.52	13.63	<=22.01	Pass
		5550	9.76	11.74	13.87	<=22.01	Pass
		5670	9.90	10.96	13.47	<=22.01	Pass
		5755	10.00	12.77	14.61	<=28.03	Pass
802.11ac (VHT80)	MIMO	5795	10.52	13.60	15.34	<=28.03	Pass
		5210	10.07	11.52	13.87	<=22.01	Pass
		5290	10.71	11.02	13.88	<=22.01	Pass
		5530	9.81	11.86	13.97	<=22.01	Pass
		5610	10.05	9.07	12.60	<=22.01	Pass
		5775	10.44	13.32	15.12	<=28.03	Pass

Remark:

MIMO limit=SISO limit- Directional gain+6dBi

Directional gain=7.97dBi



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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
			ANT0	ANT1	MIMO	Limit	
802.11a	SISO	5180	0.79	3.23	/	<=11	Pass
		5200	1.44	3.34	/	<=11	Pass
		5240	2.53	3.36	/	<=11	Pass
		5260	2.20	2.79	/	<=11	Pass
		5300	2.39	2.33	/	<=11	Pass
		5320	2.26	2.00	/	<=11	Pass
		5500	1.10	2.06	/	<=11	Pass
		5580	1.69	3.27	/	<=11	Pass
802.11n (HT20)	MIMO	5700	1.07	2.51	/	<=11	Pass
		5180	-2.43	-0.69	1.50	<=9.03	Pass
		5200	-1.91	0.12	2.15	<=9.03	Pass
		5240	-0.86	0.51	2.88	<=9.03	Pass
		5260	-1.06	0.07	2.48	<=9.03	Pass
		5300	-1.04	-0.52	2.23	<=9.03	Pass
		5320	-1.10	-0.86	2.01	<=9.03	Pass
		5500	-1.78	-0.78	1.72	<=9.03	Pass
802.11n (HT40)	MIMO	5580	-0.96	0.48	2.74	<=9.03	Pass
		5700	-1.25	-0.07	2.35	<=9.03	Pass
		5190	-5.09	-3.13	-1.01	<=9.03	Pass
		5230	-3.73	-2.36	0.02	<=9.03	Pass
		5270	-3.78	-2.74	-0.24	<=9.03	Pass
		5310	-3.80	-3.42	-0.65	<=9.03	Pass
		5510	-4.86	-3.20	-0.95	<=9.03	Pass
802.11ac (VHT20)	MIMO	5550	-4.51	-2.98	-0.67	<=9.03	Pass
		5670	-4.34	-3.56	-0.96	<=9.03	Pass
		5180	-2.47	-0.62	1.53	<=9.03	Pass
		5200	-1.94	0.00	2.09	<=9.03	Pass
		5240	-0.80	0.59	2.90	<=9.03	Pass
		5260	-1.08	0.01	2.44	<=9.03	Pass

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		5300	-0.91	-0.26	2.41	<=9.03	Pass
		5320	-1.05	-0.86	2.05	<=9.03	Pass
		5500	-1.84	-0.81	1.69	<=9.03	Pass
		5580	-0.85	0.61	2.95	<=9.03	Pass
		5700	-1.21	-0.12	2.35	<=9.03	Pass
802.11ac (VHT40)	MIMO	5190	-3.99	-2.89	-0.47	<=9.03	Pass
		5230	-3.76	-2.35	-0.02	<=9.03	Pass
		5270	-3.75	-2.87	-0.30	<=9.03	Pass
		5310	-3.70	-3.64	-0.70	<=9.03	Pass
		5510	-4.78	-2.73	-0.64	<=9.03	Pass
		5550	-4.48	-2.52	-0.38	<=9.03	Pass
		5670	-4.47	-3.22	-0.81	<=9.03	Pass
802.11ac (VHT80)	MIMO	5210	-6.96	-5.55	-3.19	<=9.03	Pass
		5290	-6.67	-6.06	-3.37	<=9.03	Pass
		5530	-7.54	-5.37	-3.32	<=9.03	Pass
		5610	-7.29	-7.88	-4.60	<=9.03	Pass

Remark:

MIMO limit=SISO limit- Directional gain+6dBi

Directional gain=7.97dBi

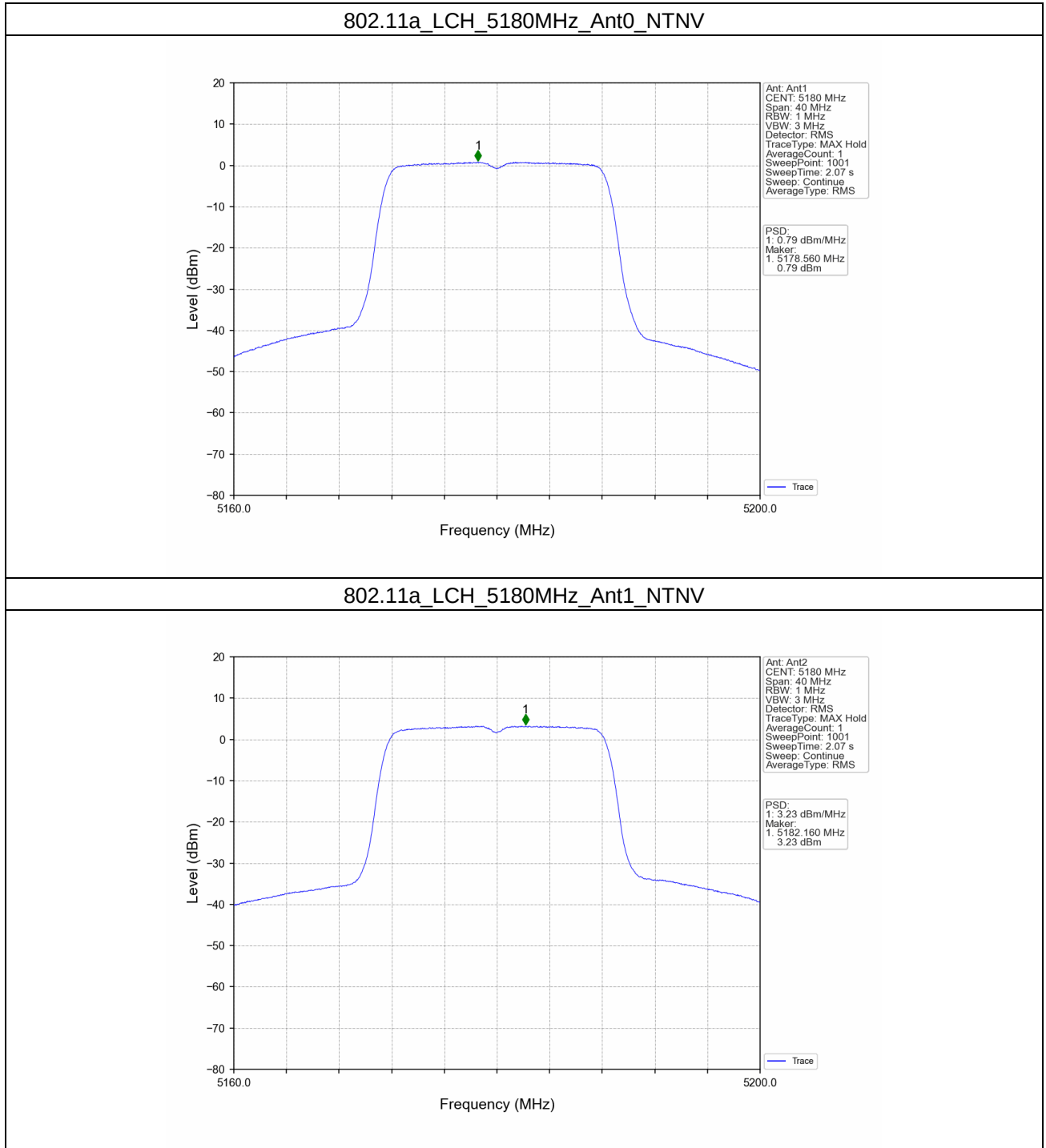


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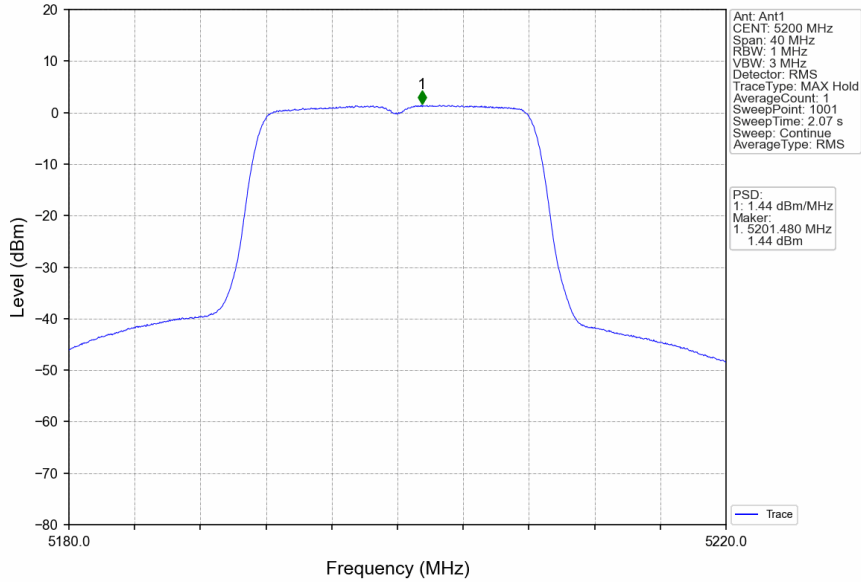
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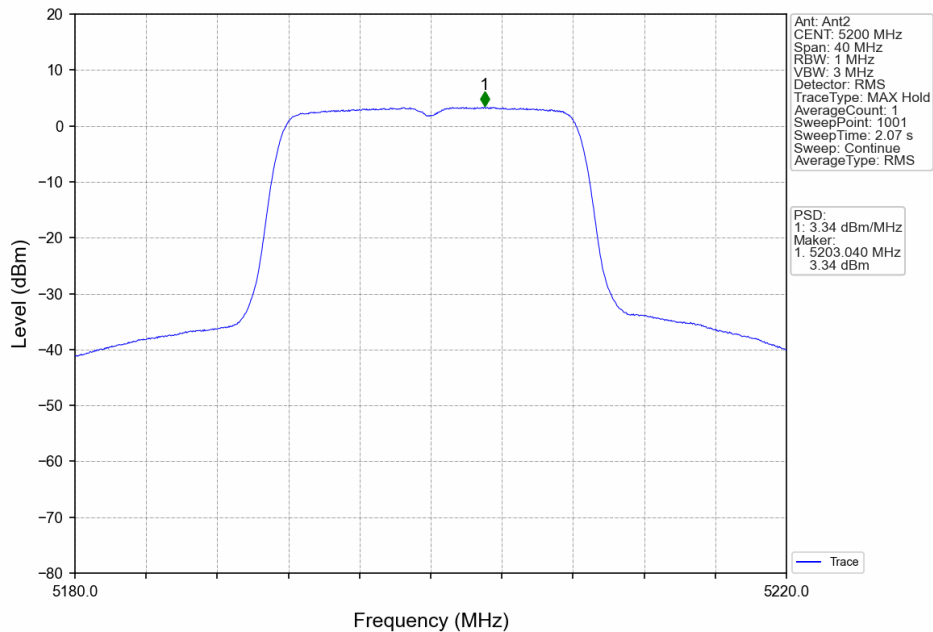
4.1.2 Test Graph



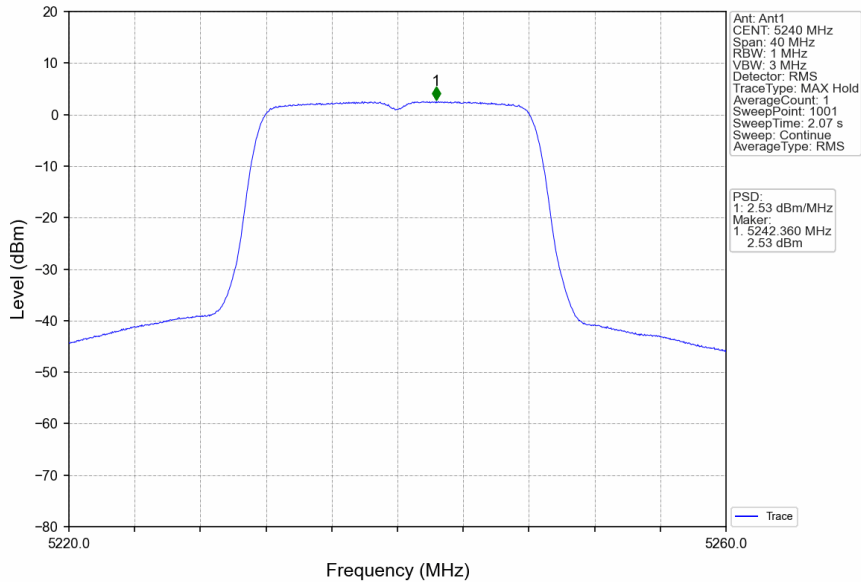
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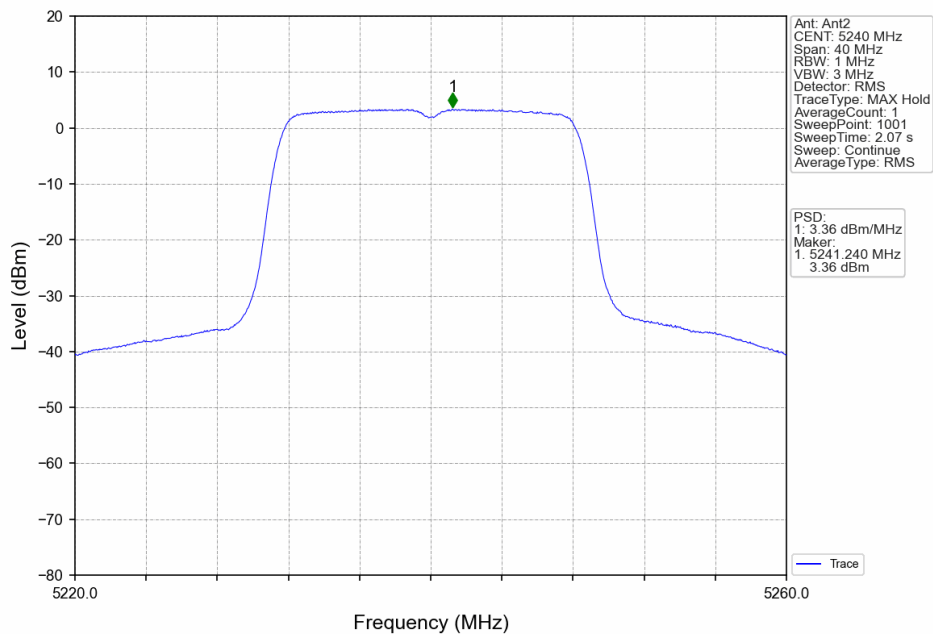
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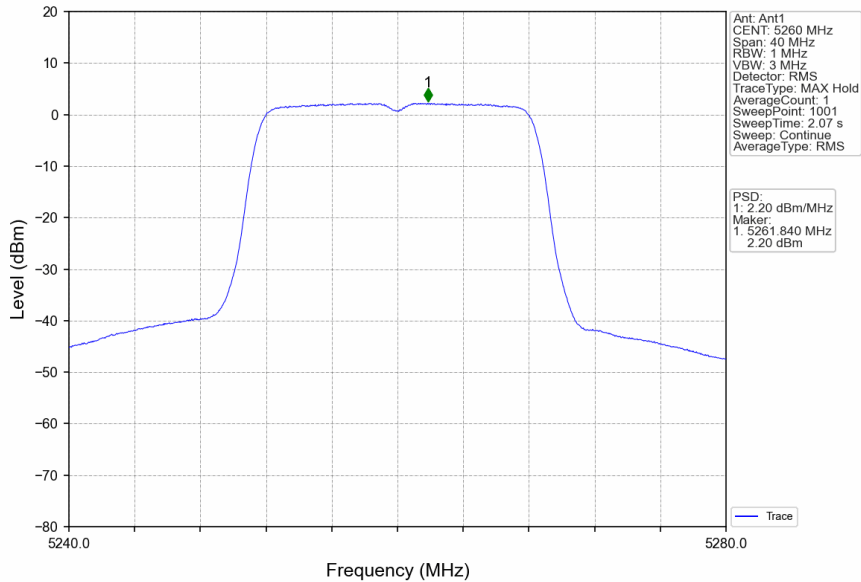
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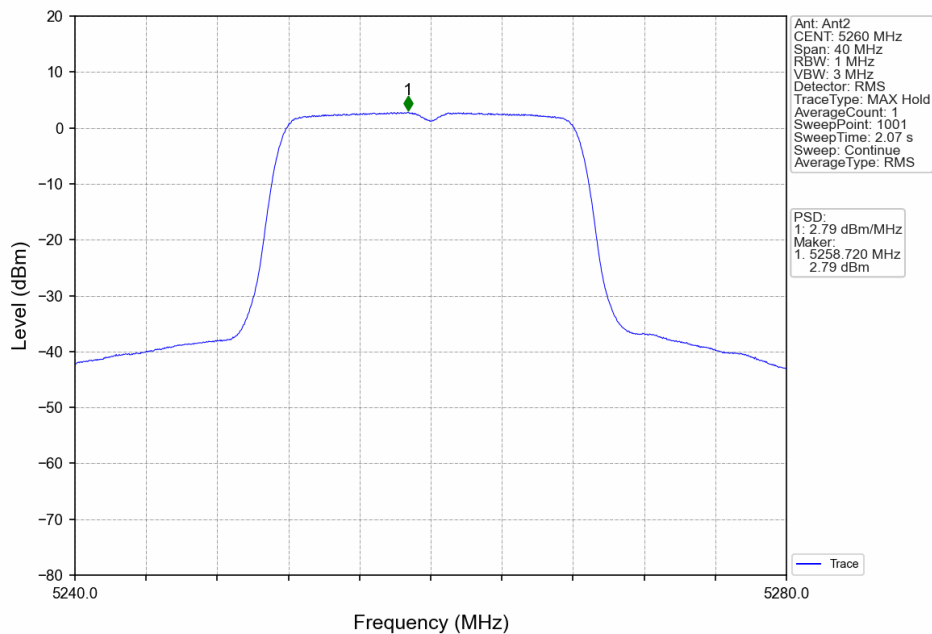
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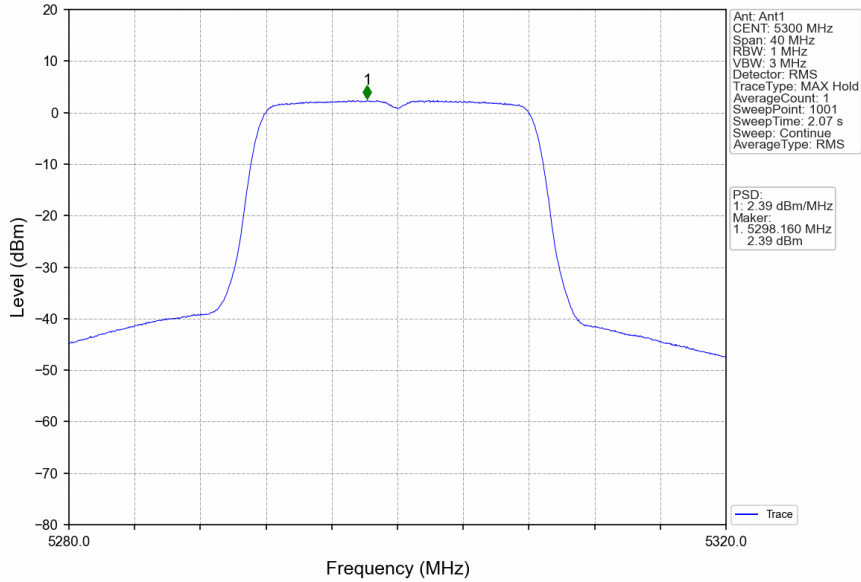
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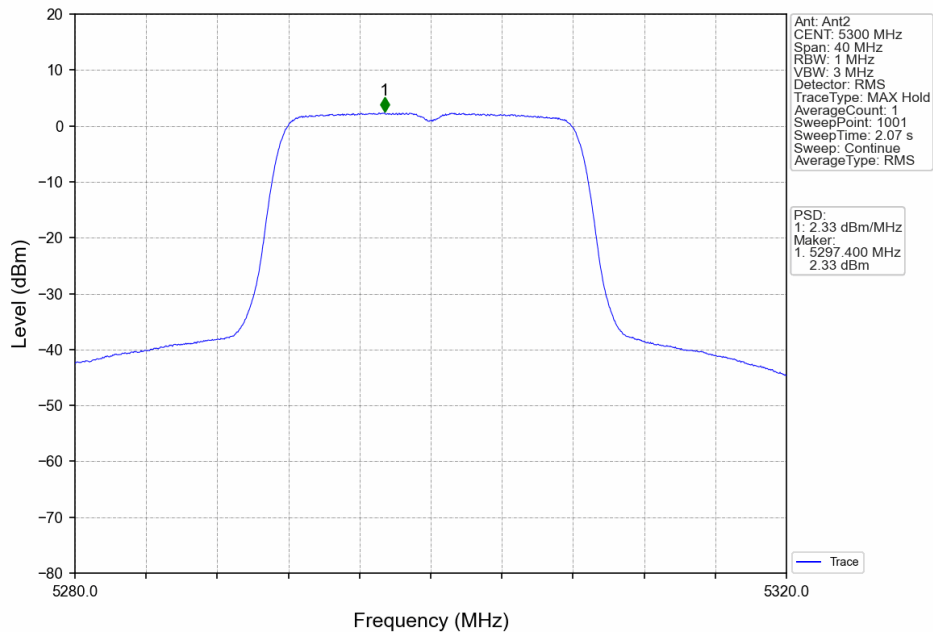
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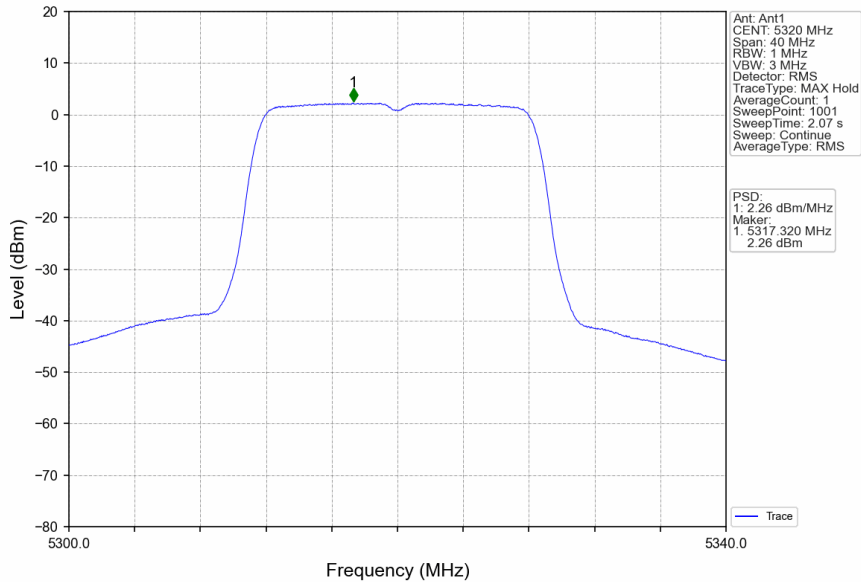
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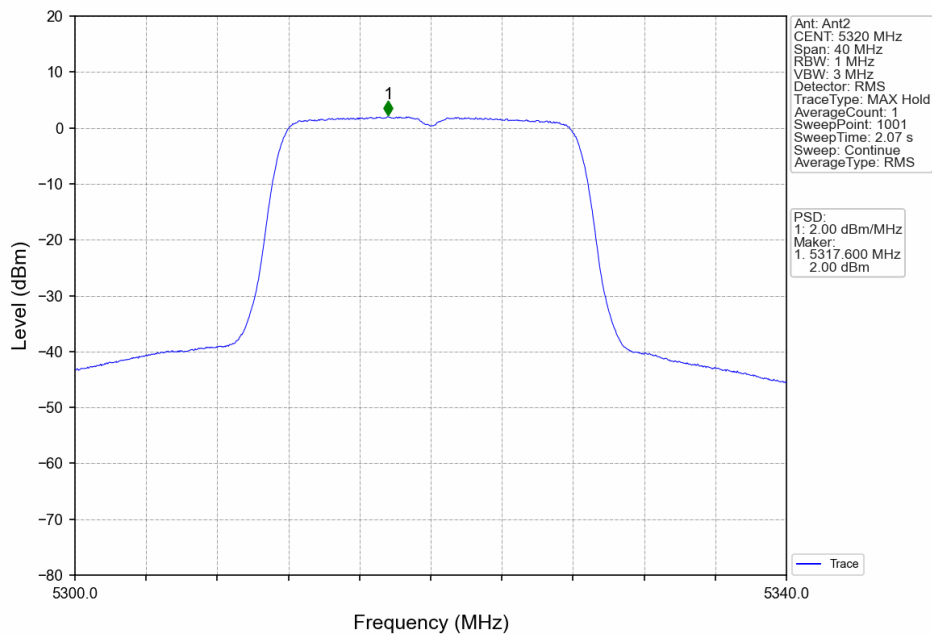
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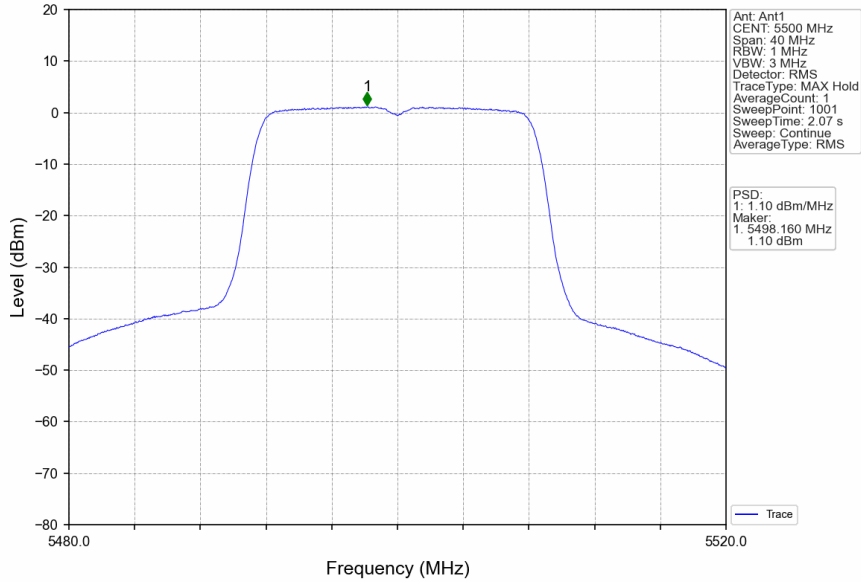
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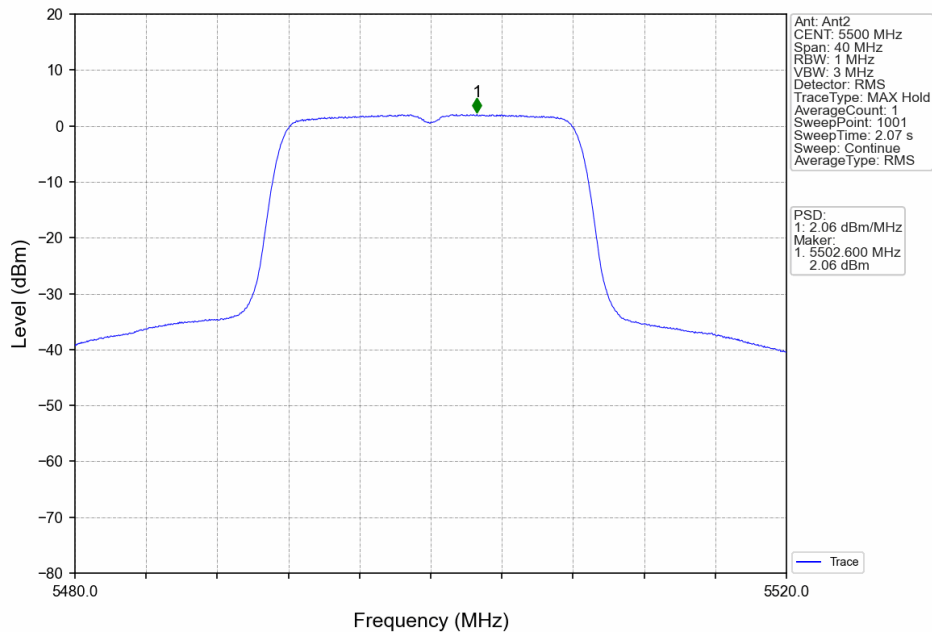
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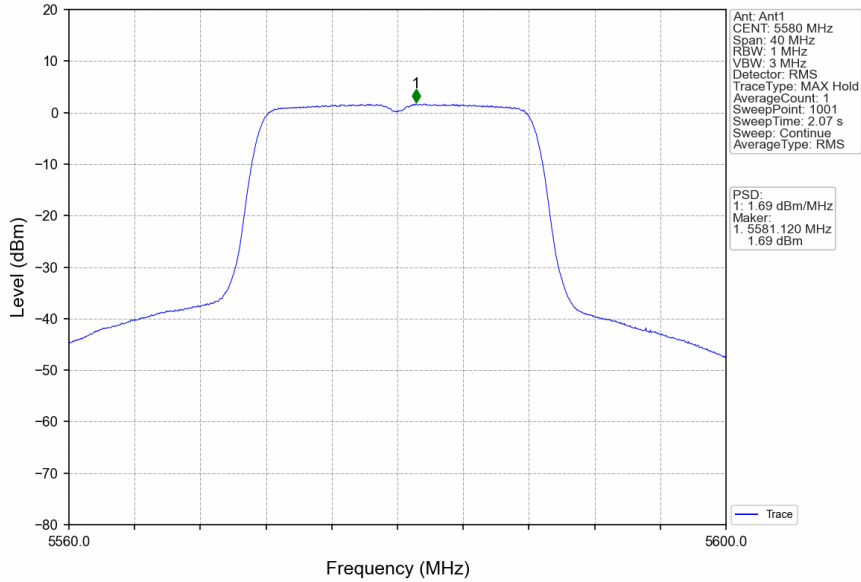
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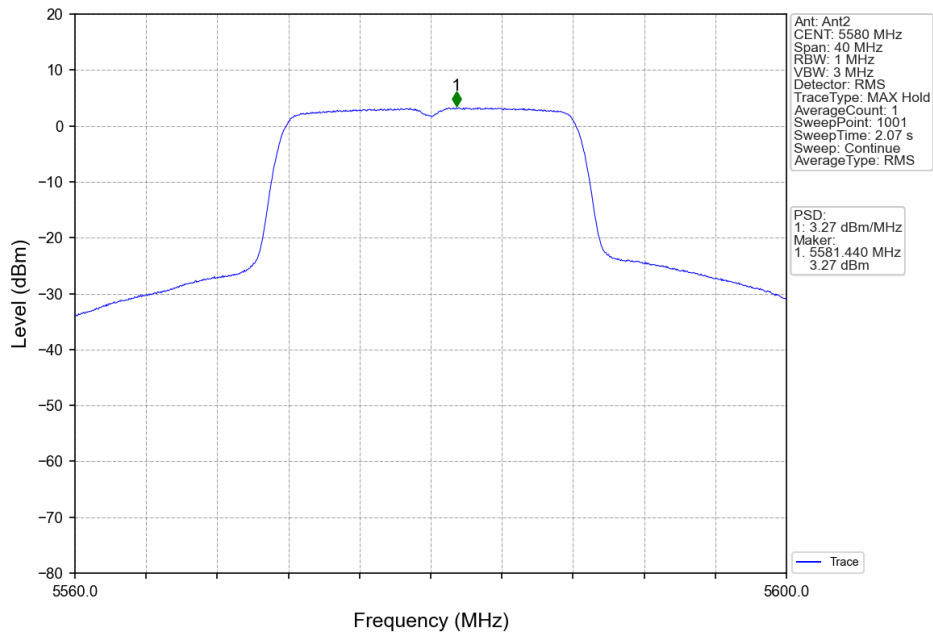
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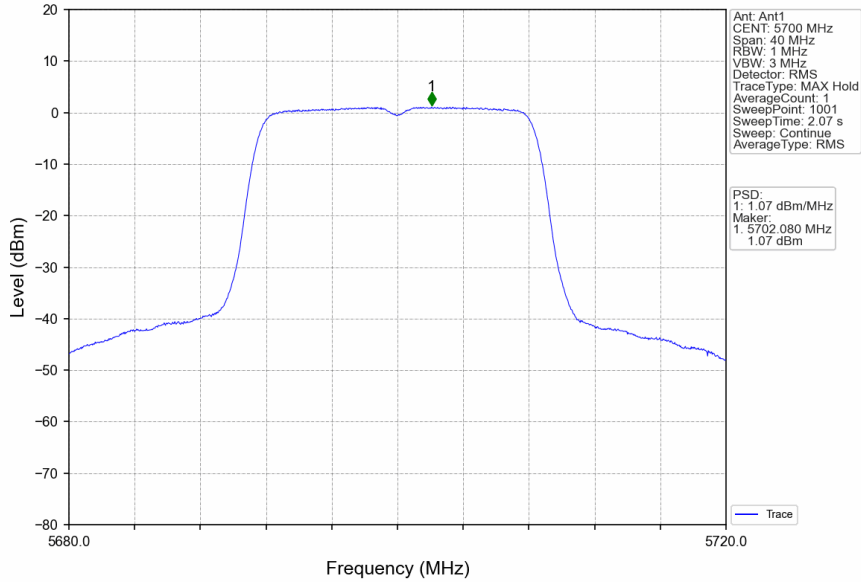
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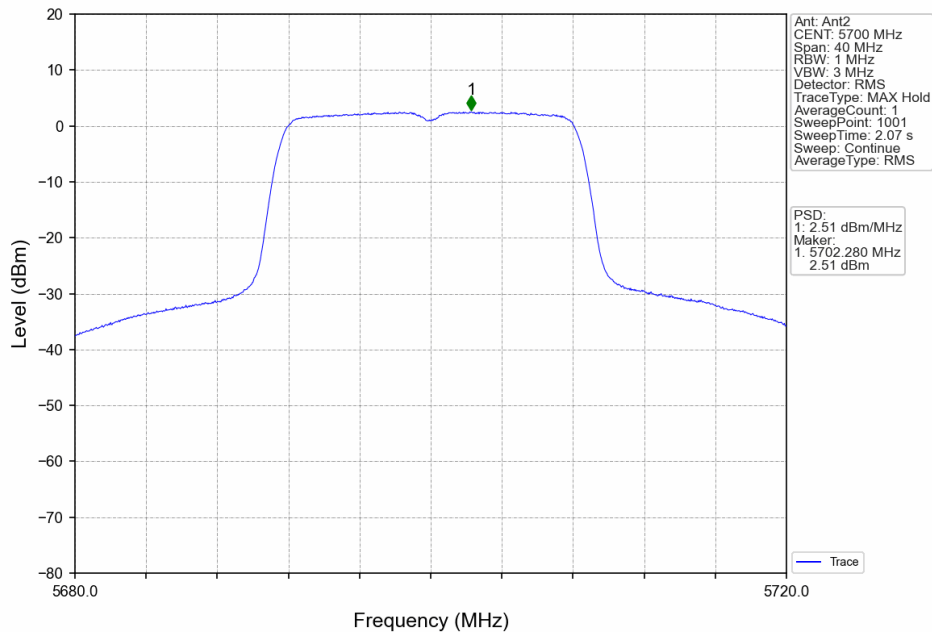
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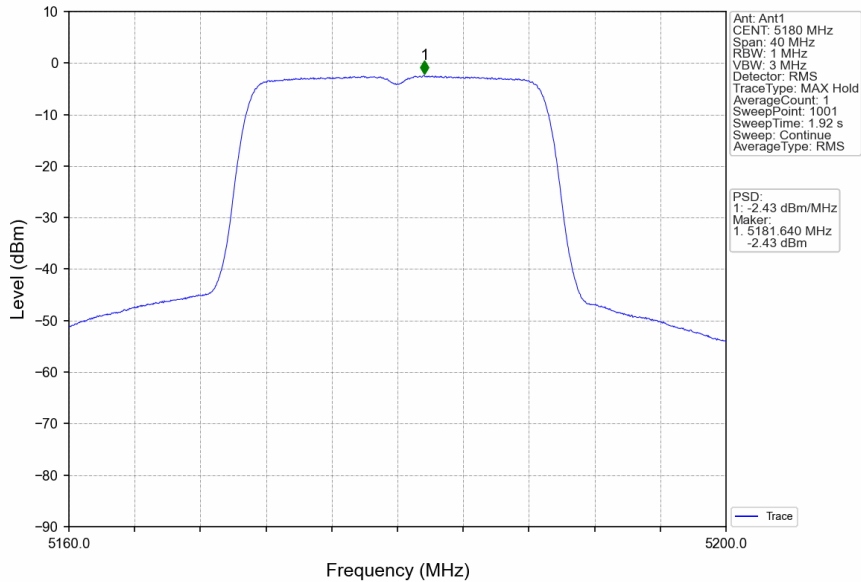
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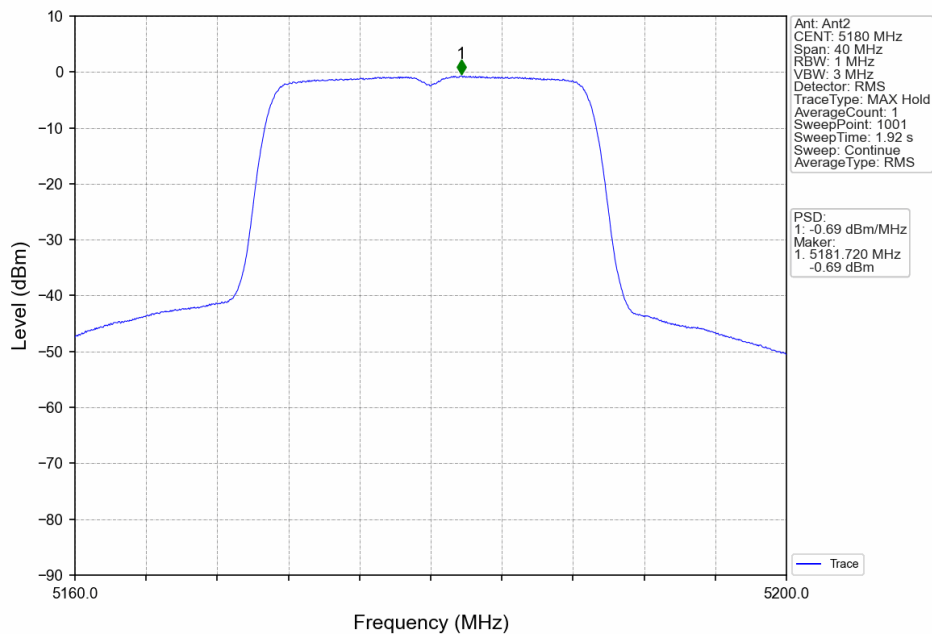
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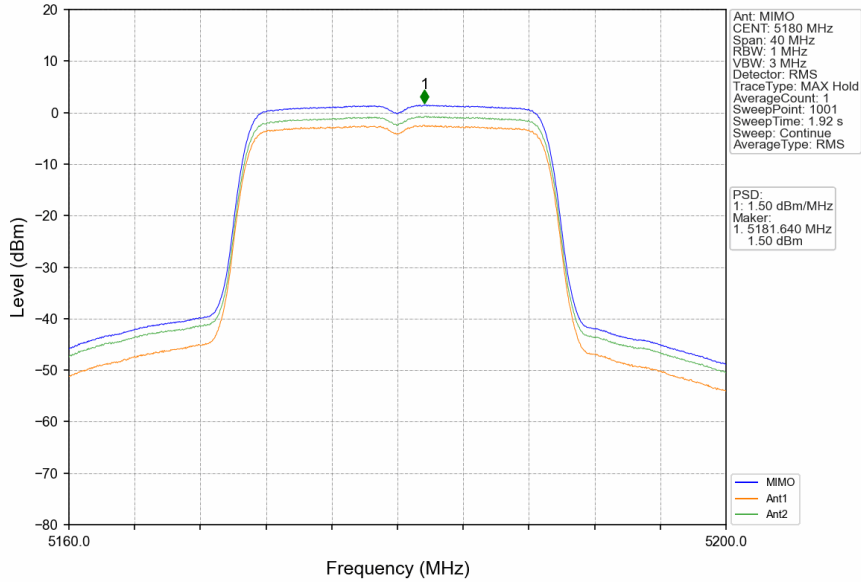
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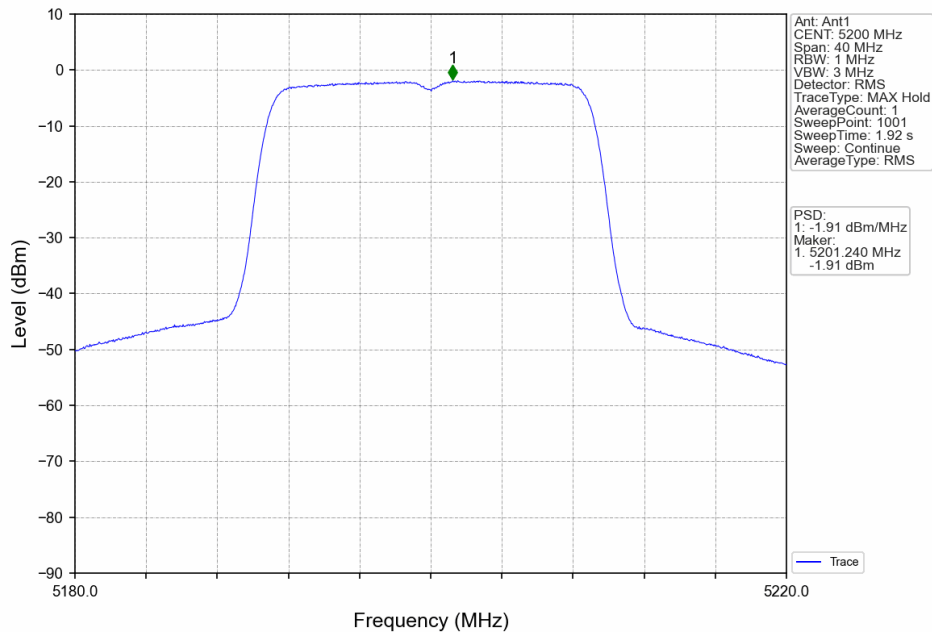
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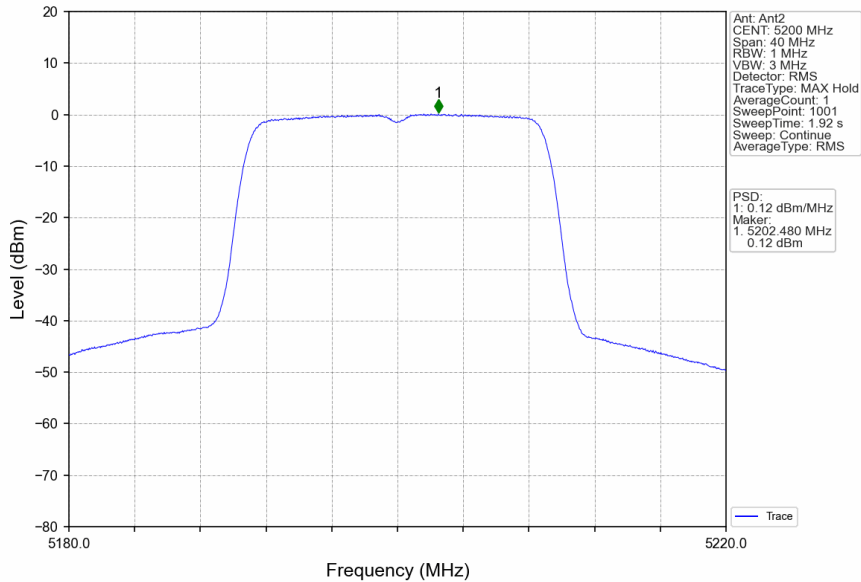
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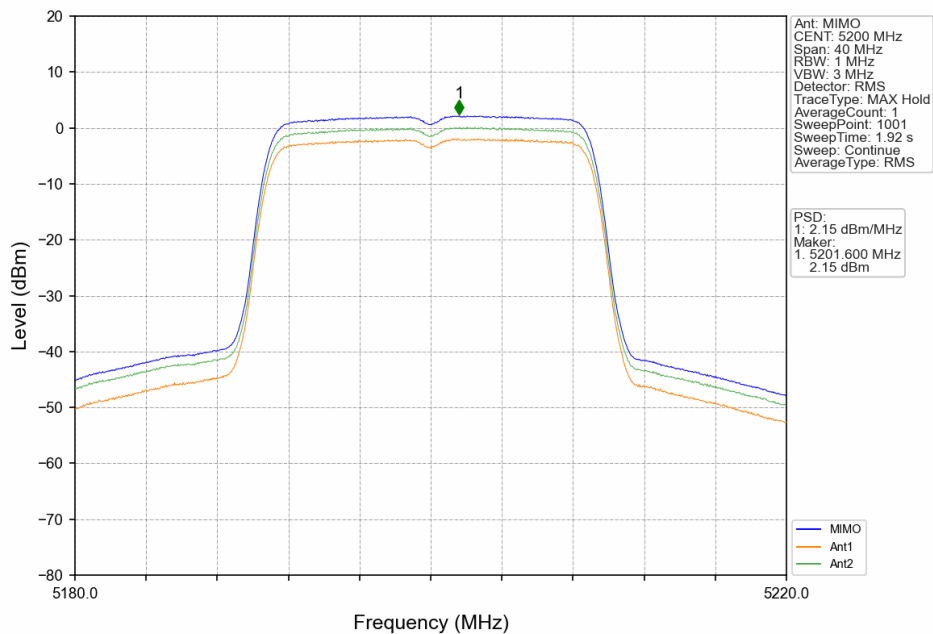
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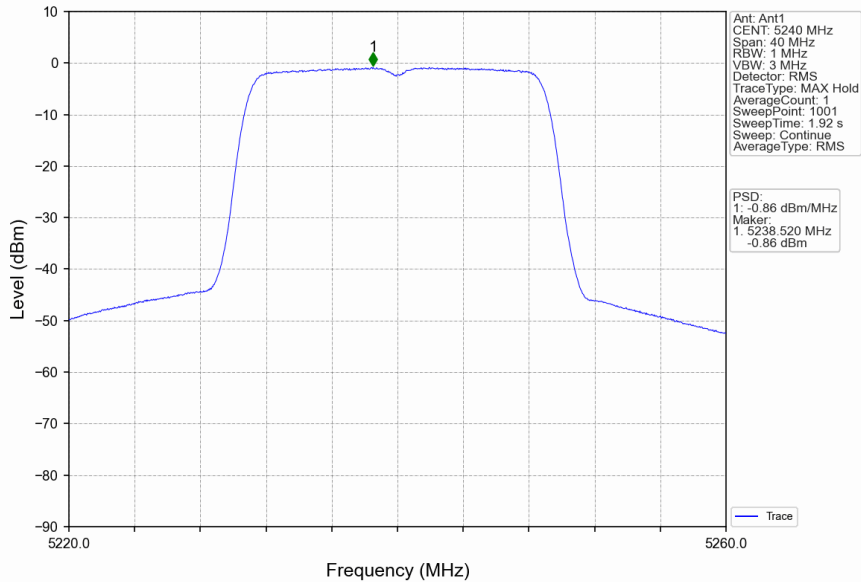
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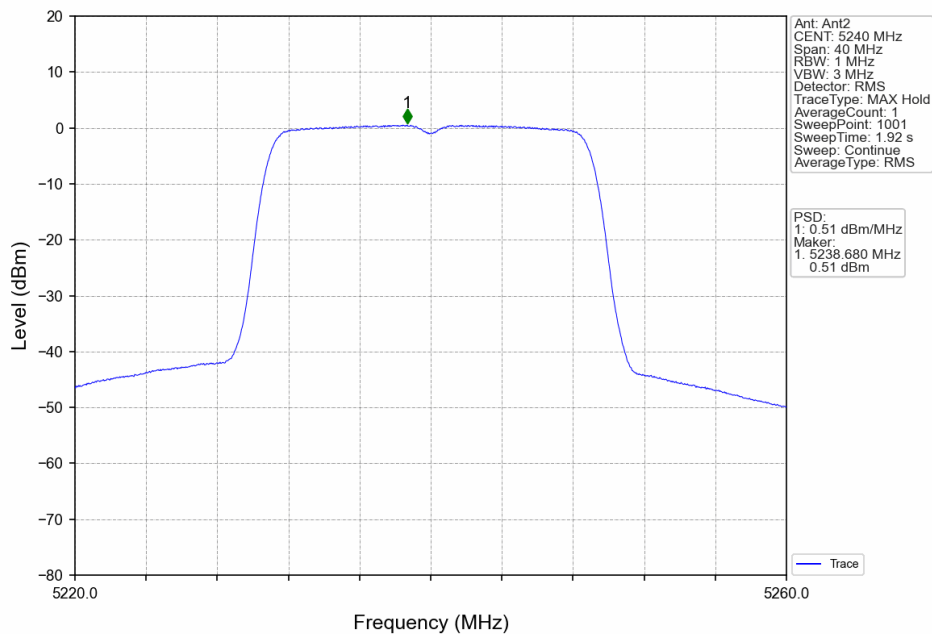
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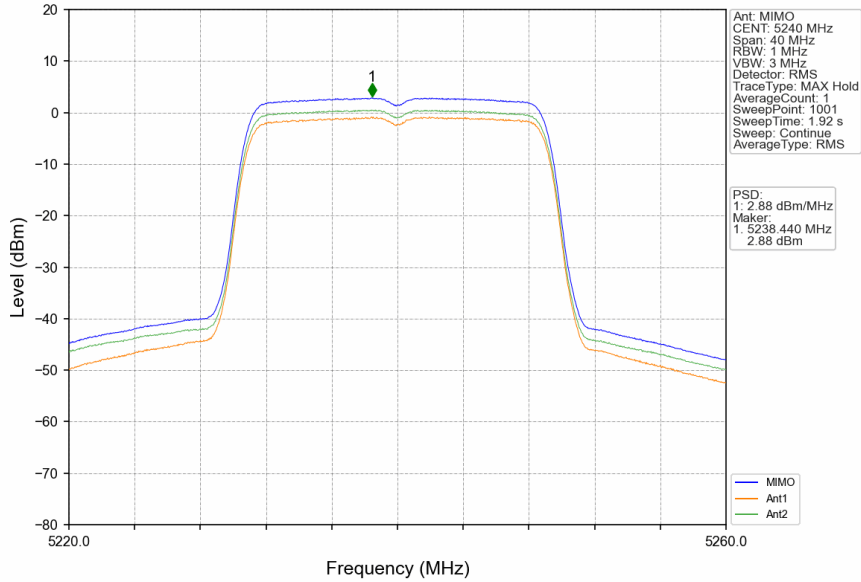
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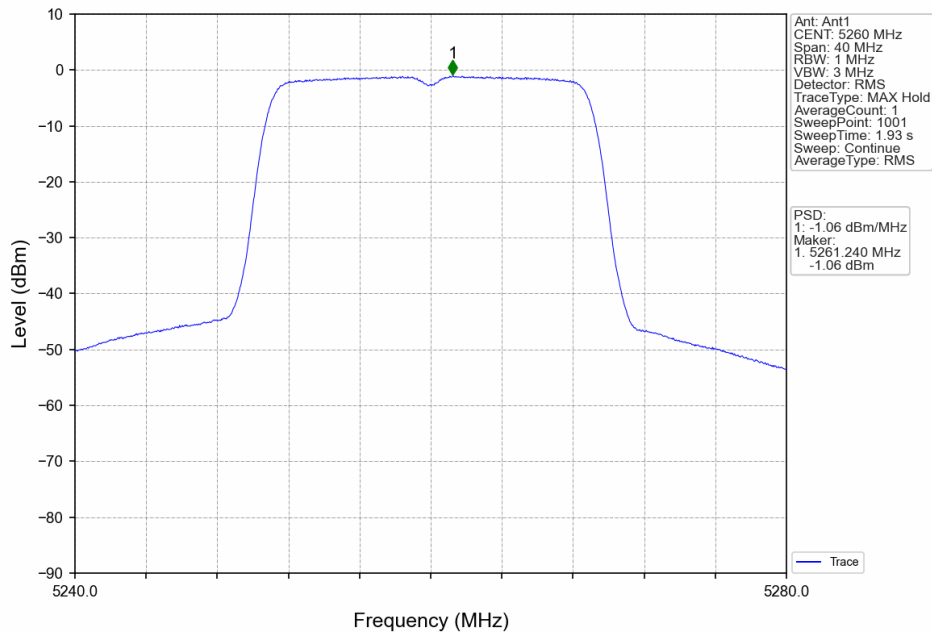
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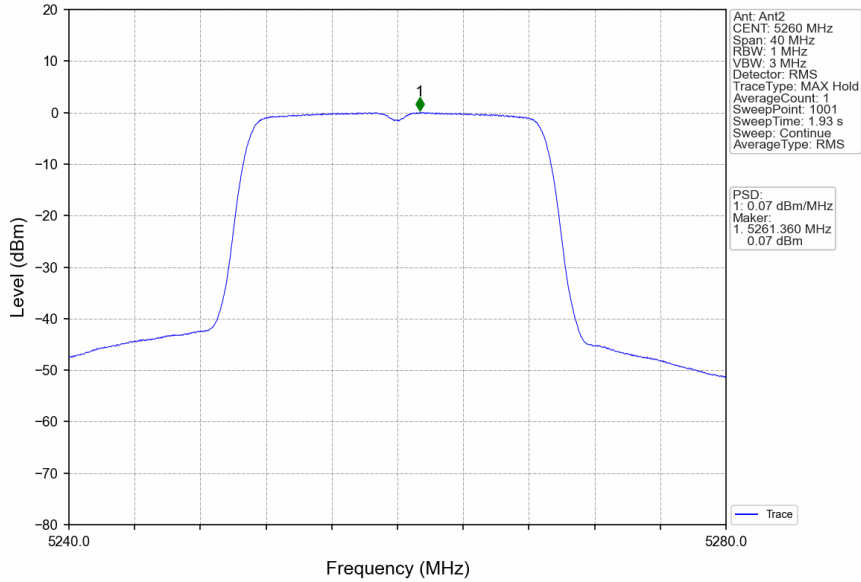
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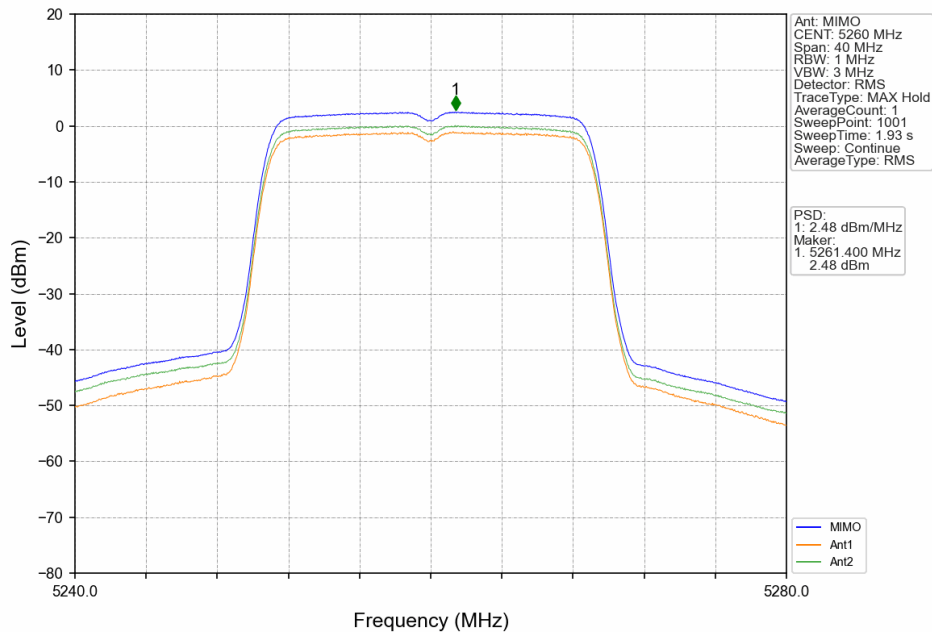
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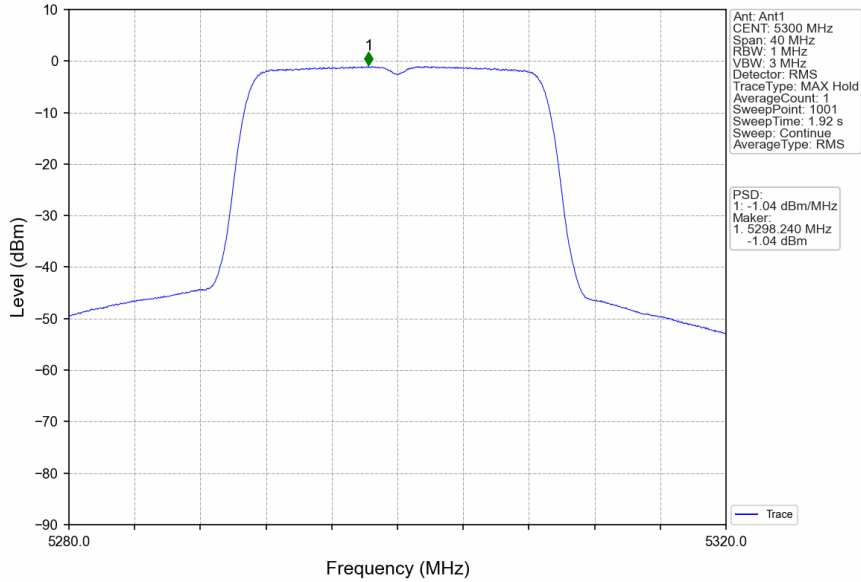
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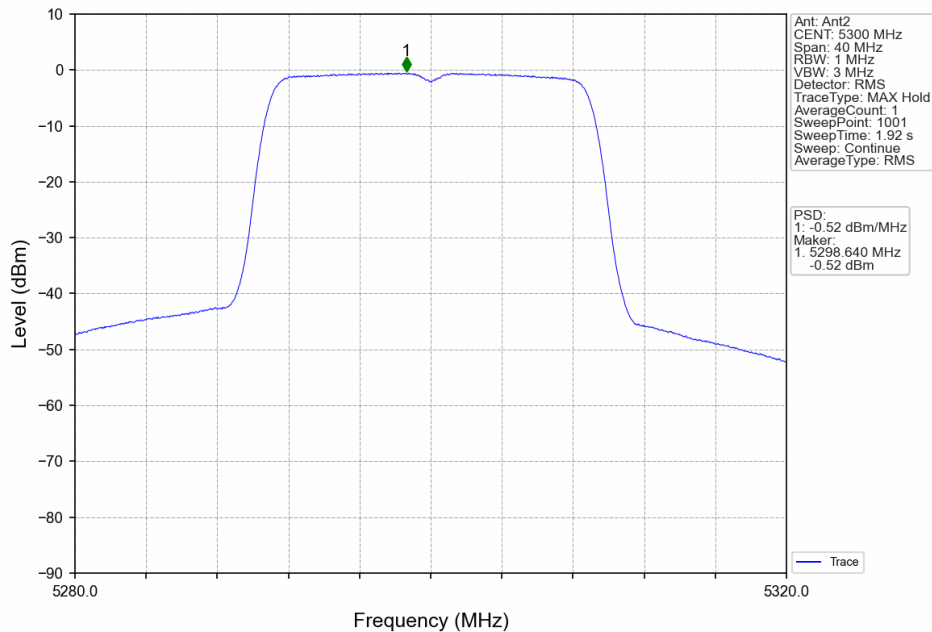
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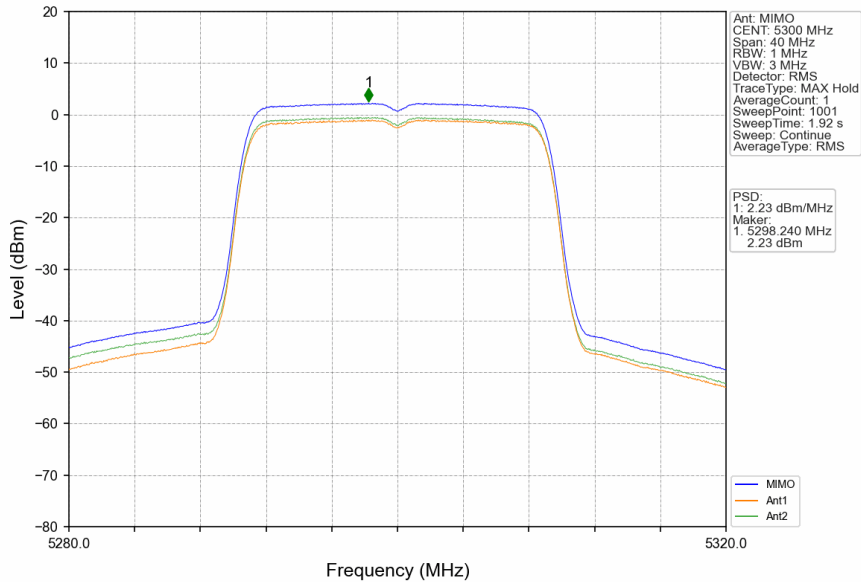
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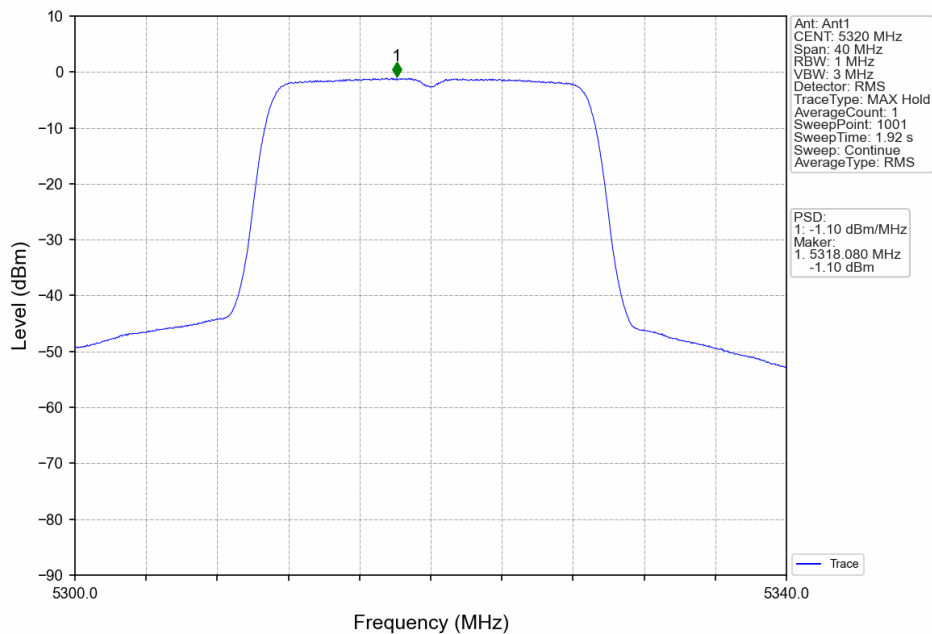
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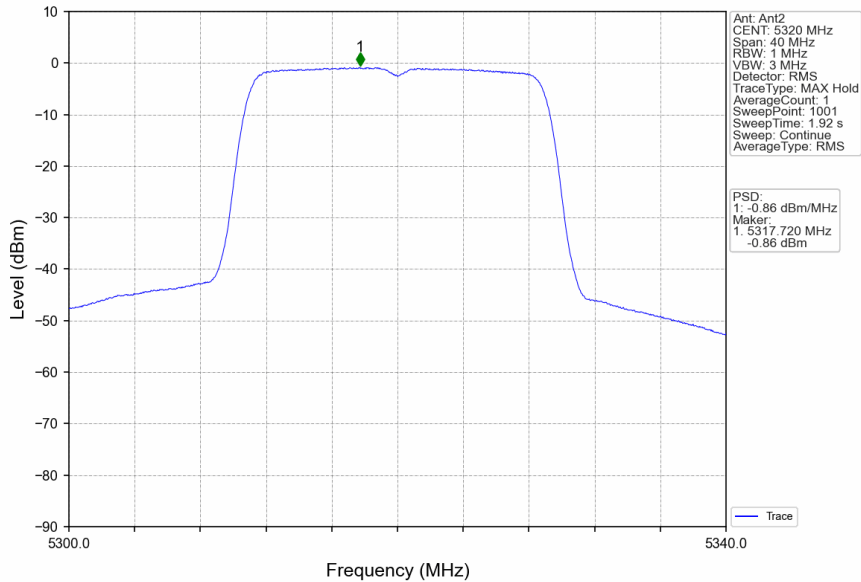
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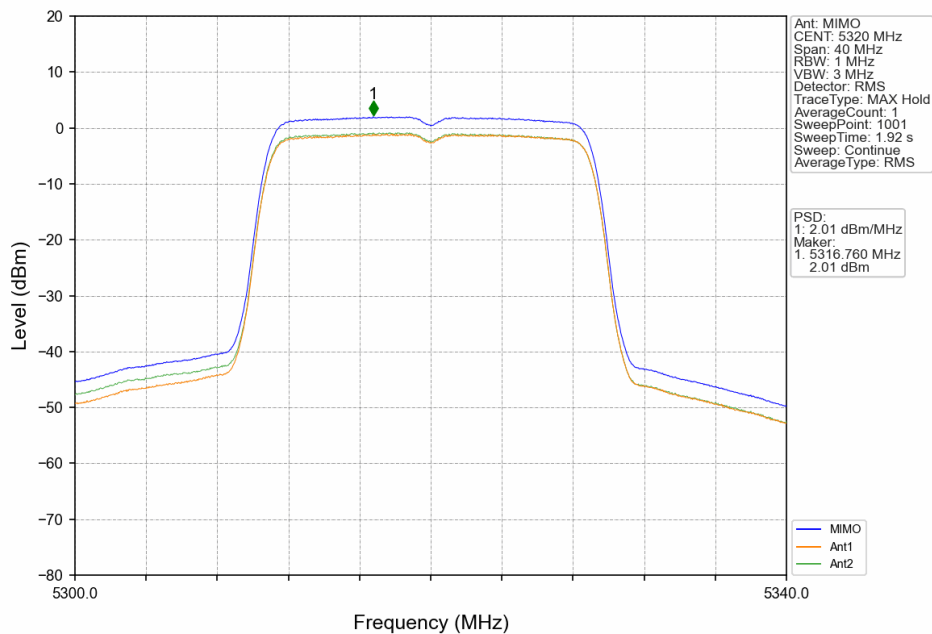
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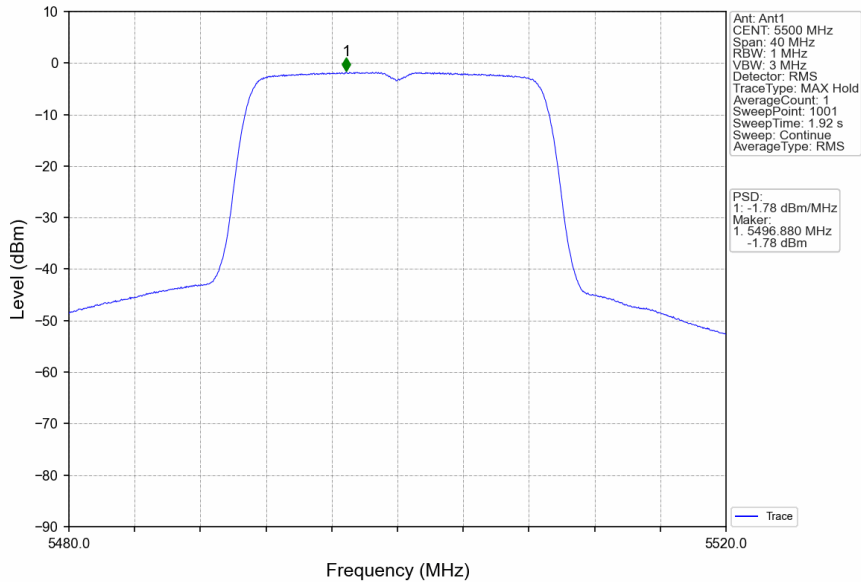
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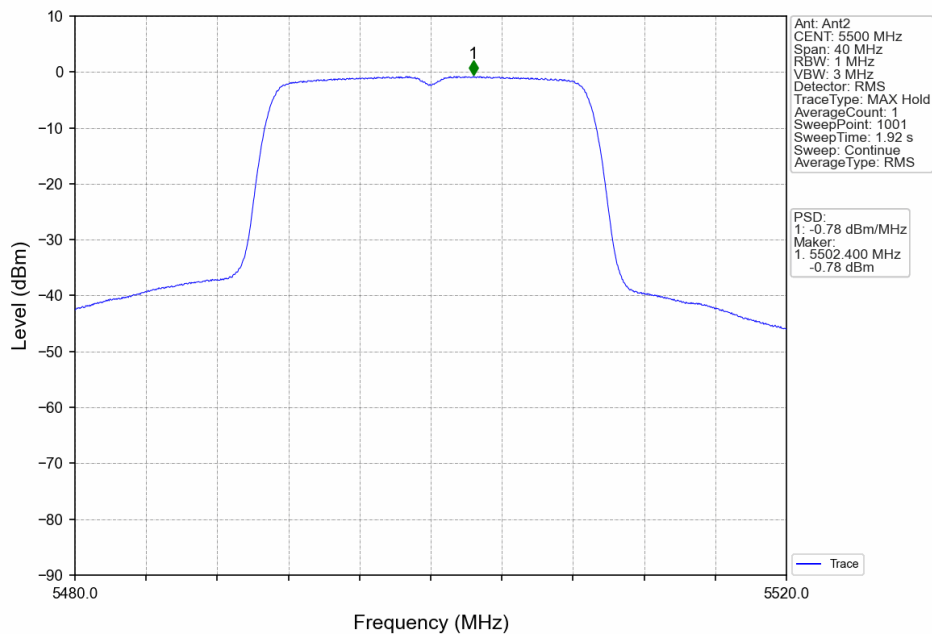
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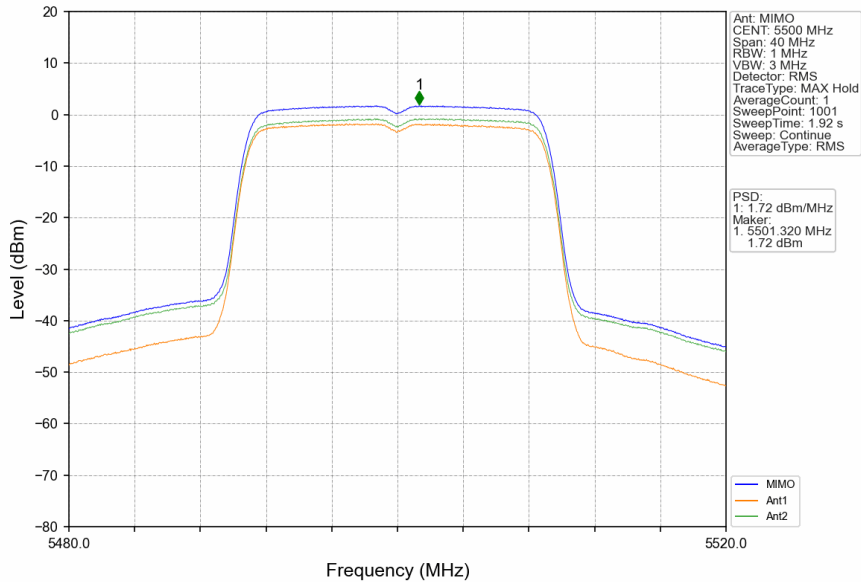
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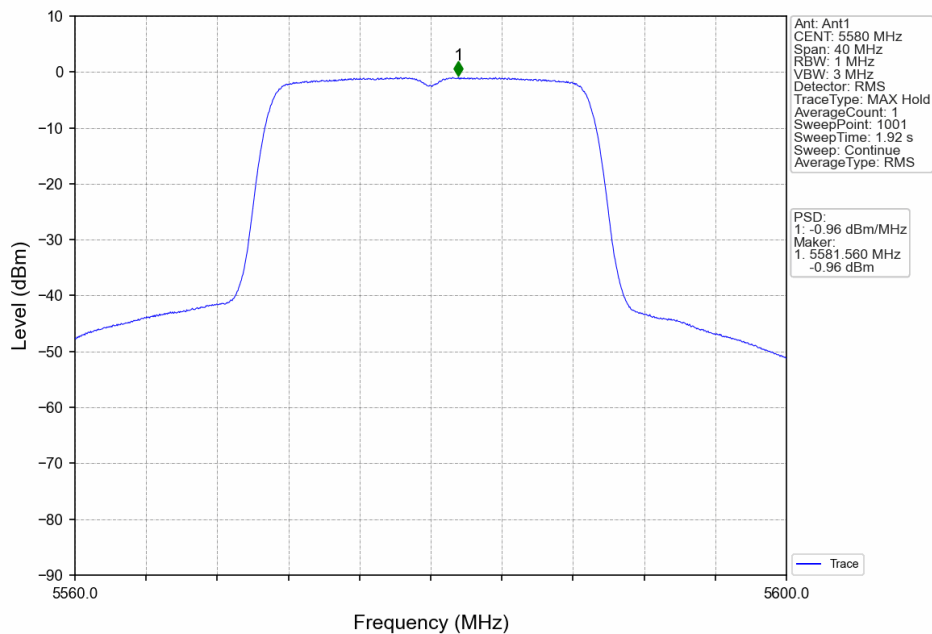
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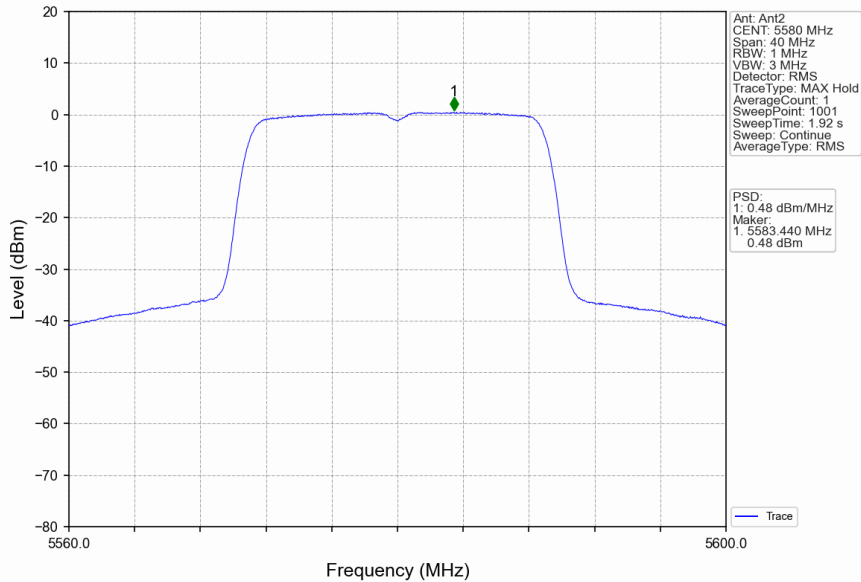
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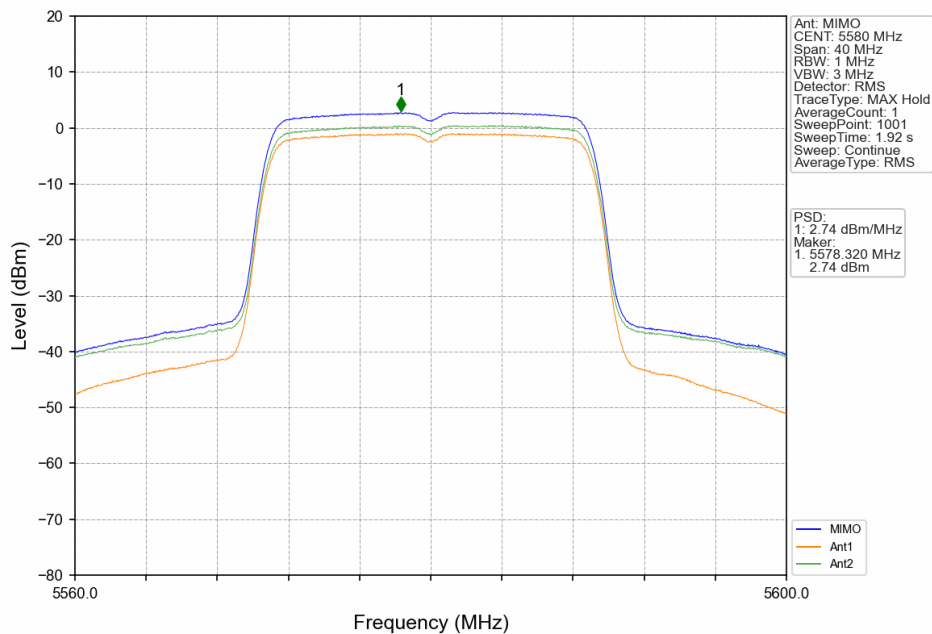
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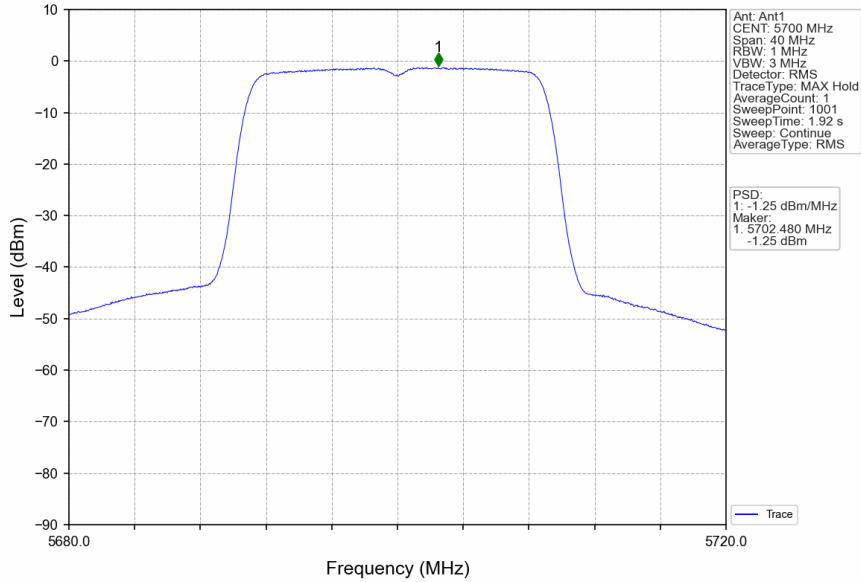
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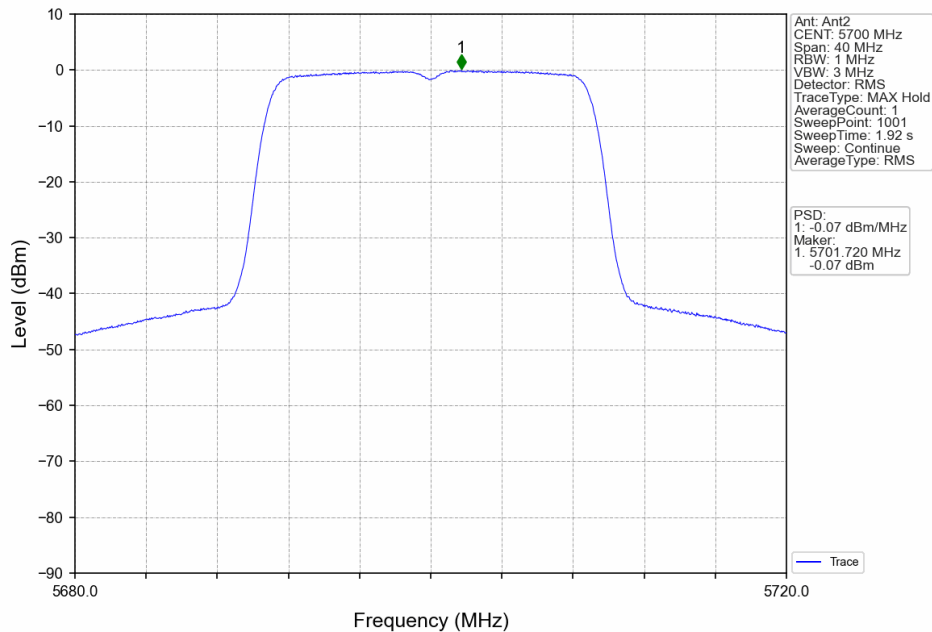
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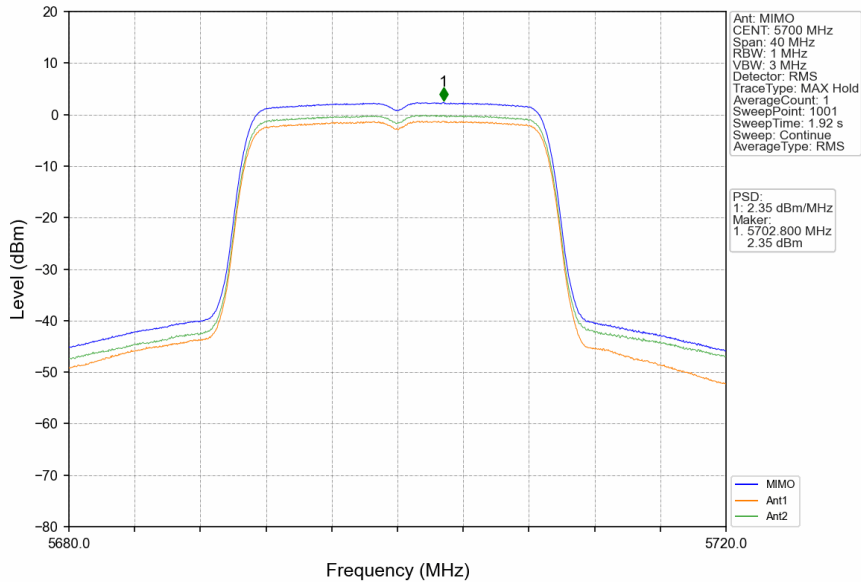
802.11n(HT20)_HCH_5700MHz_Ant0_NTNV



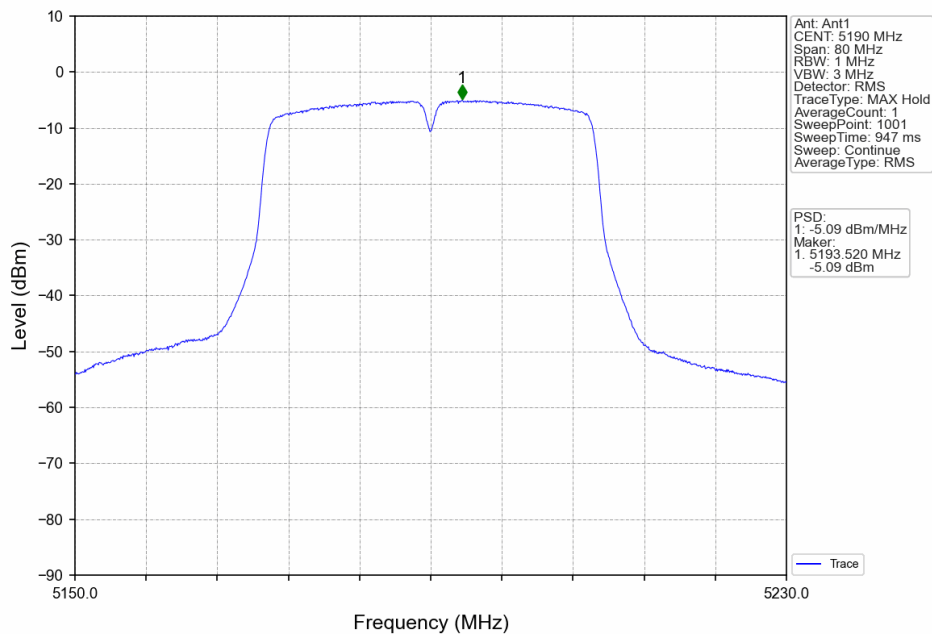
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



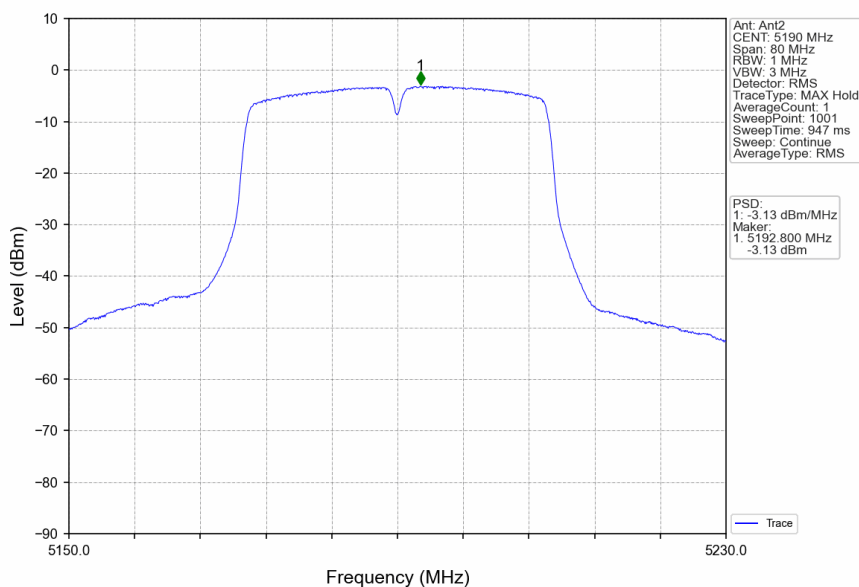
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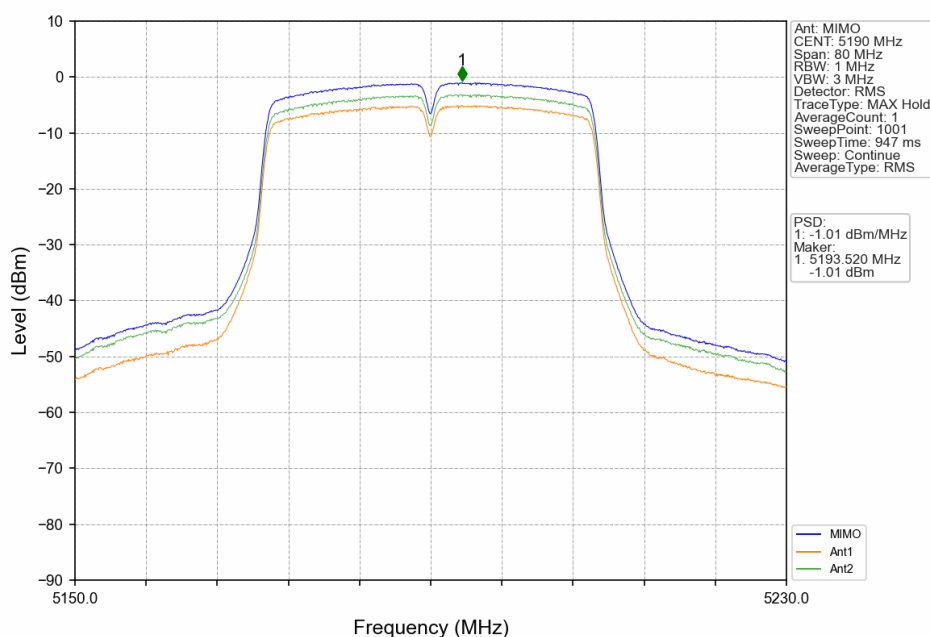
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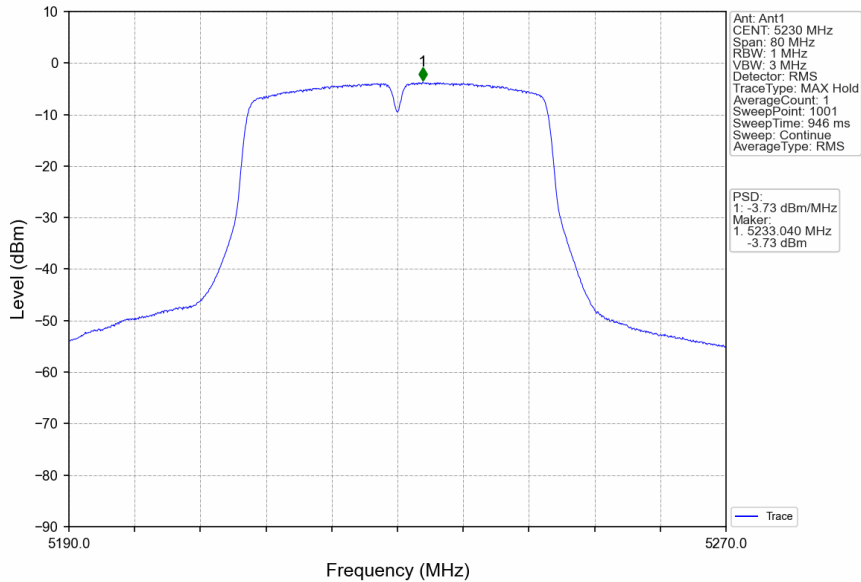
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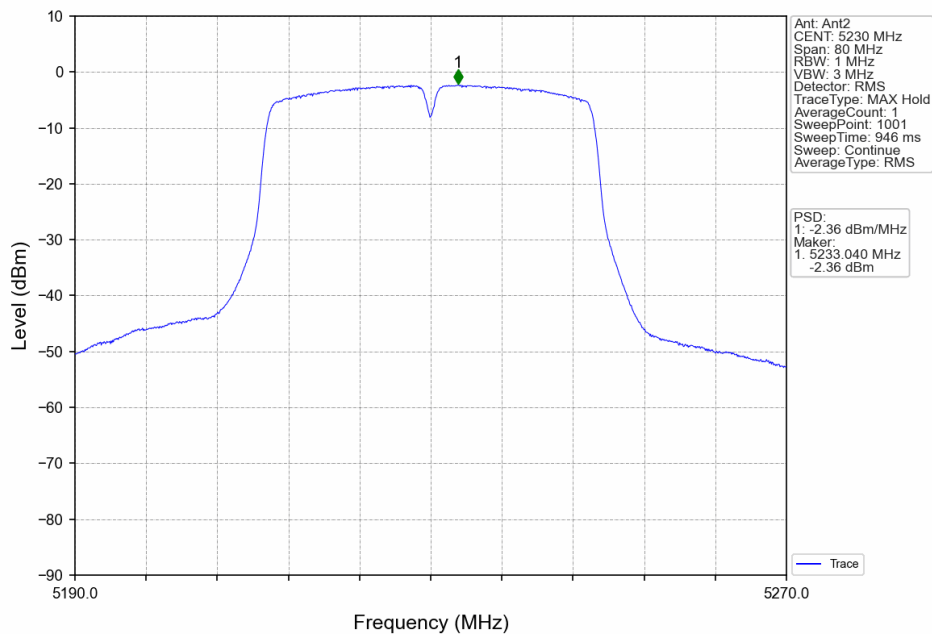
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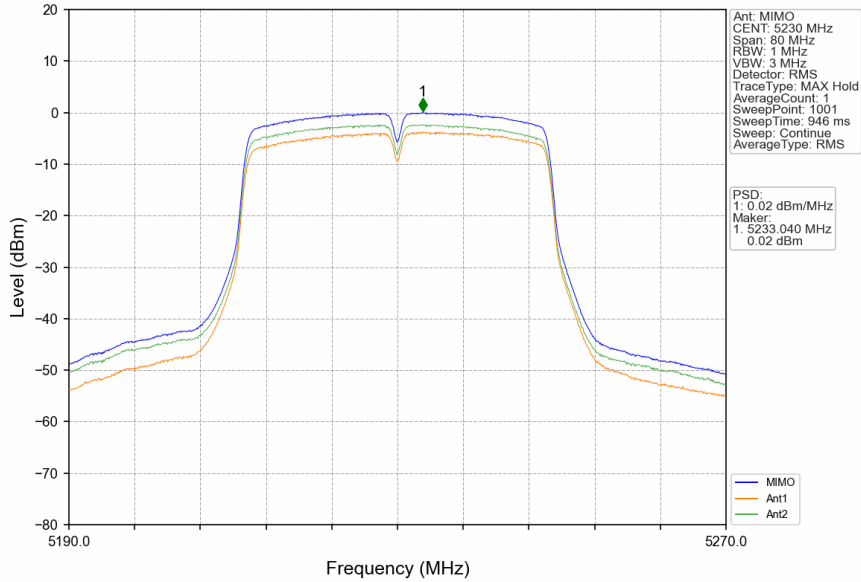
802.11n(HT40)_HCH_5230MHz_Ant0_NTNV



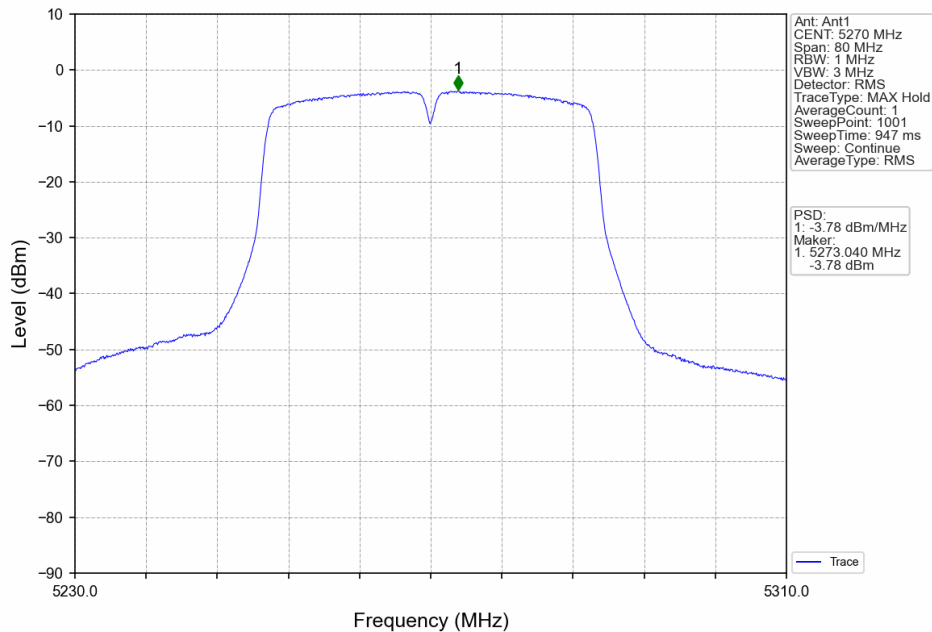
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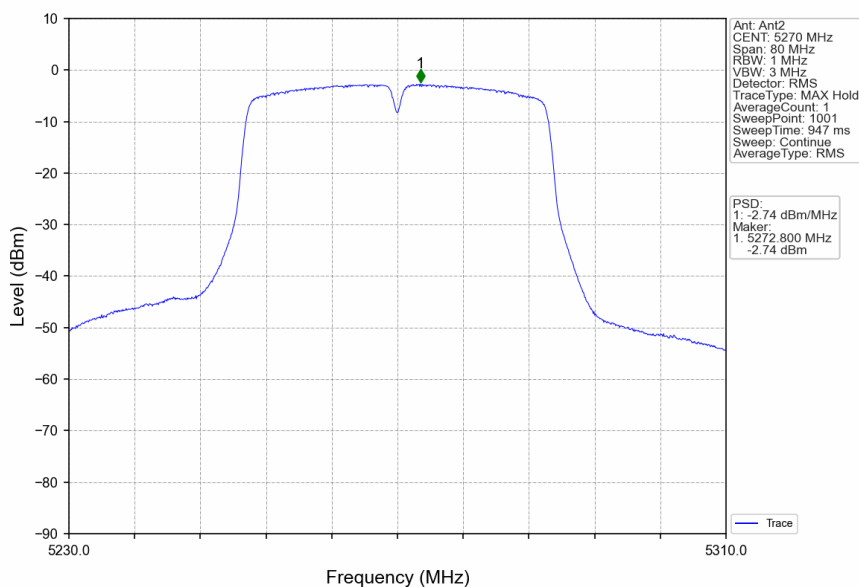
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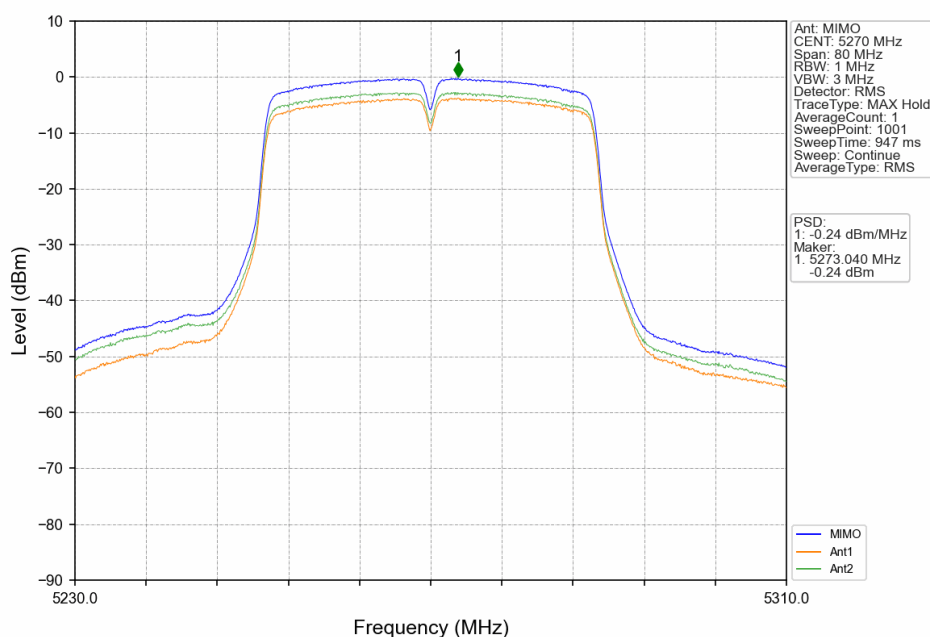
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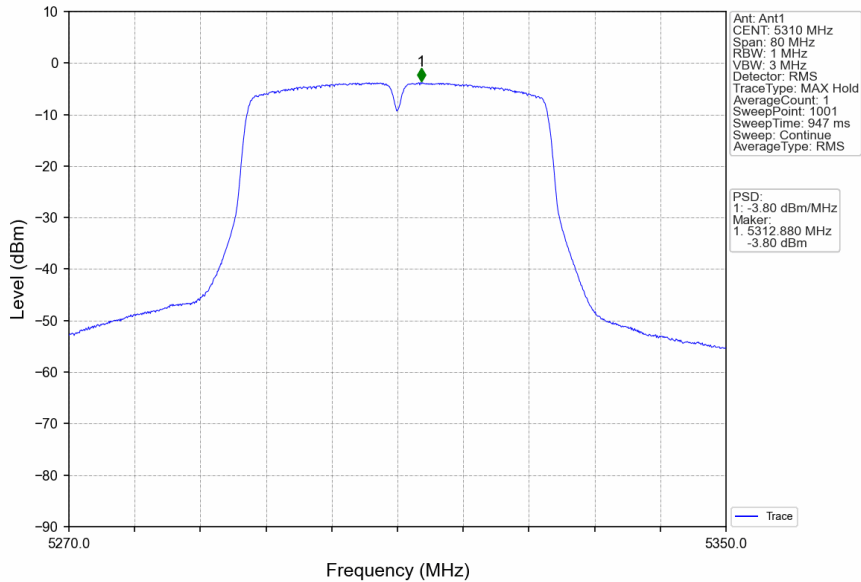
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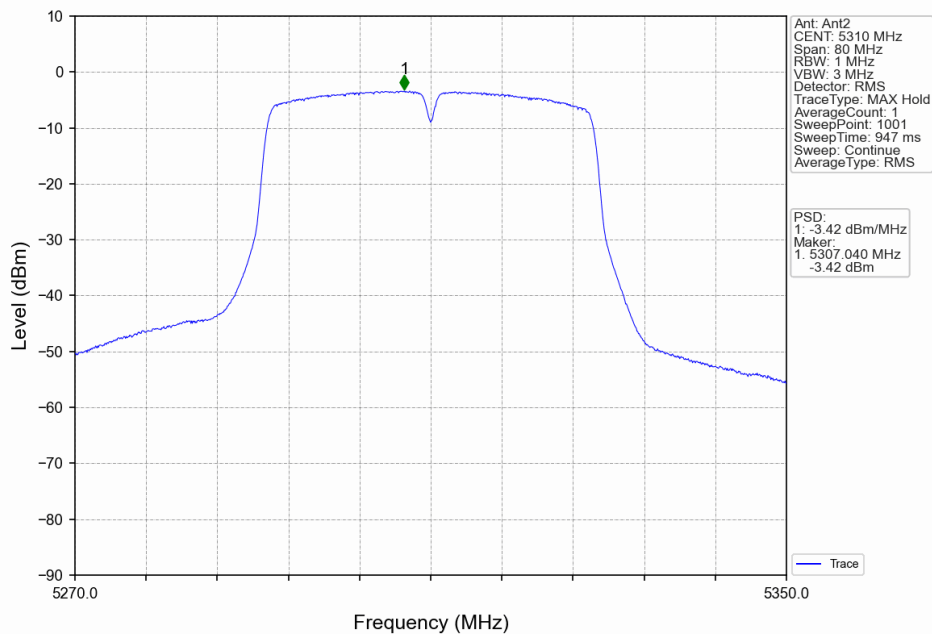
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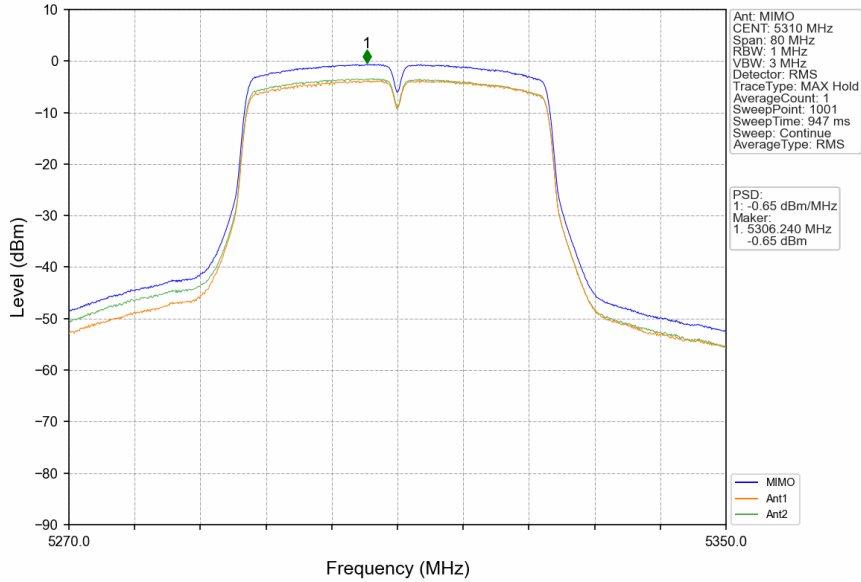
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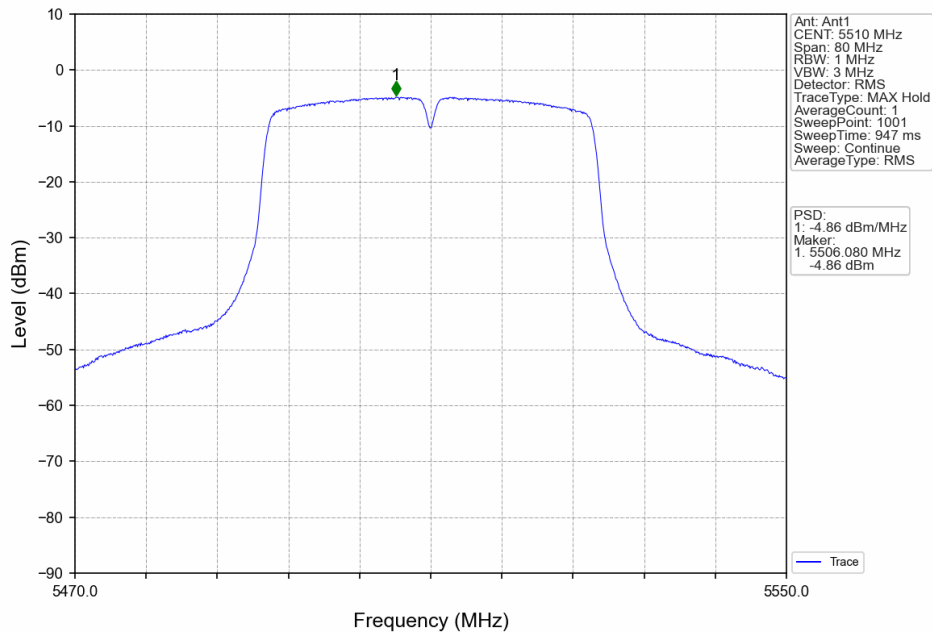
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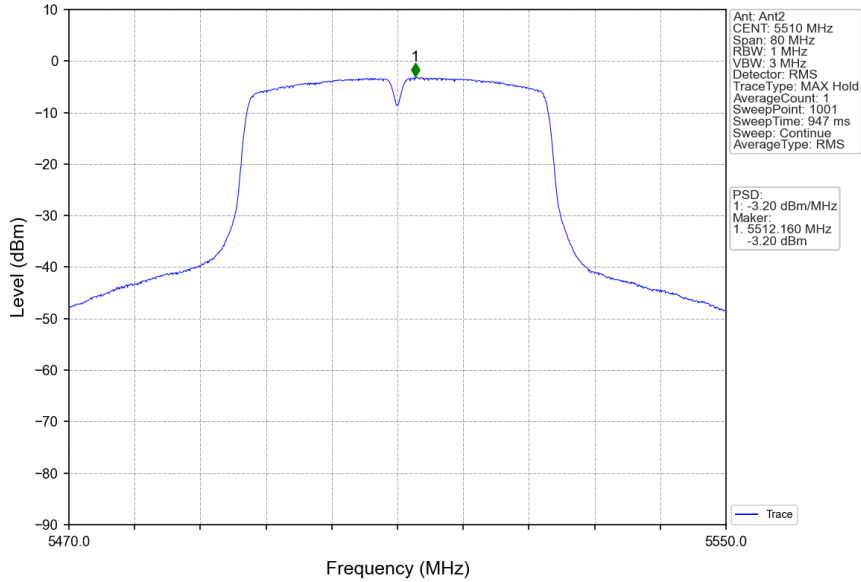
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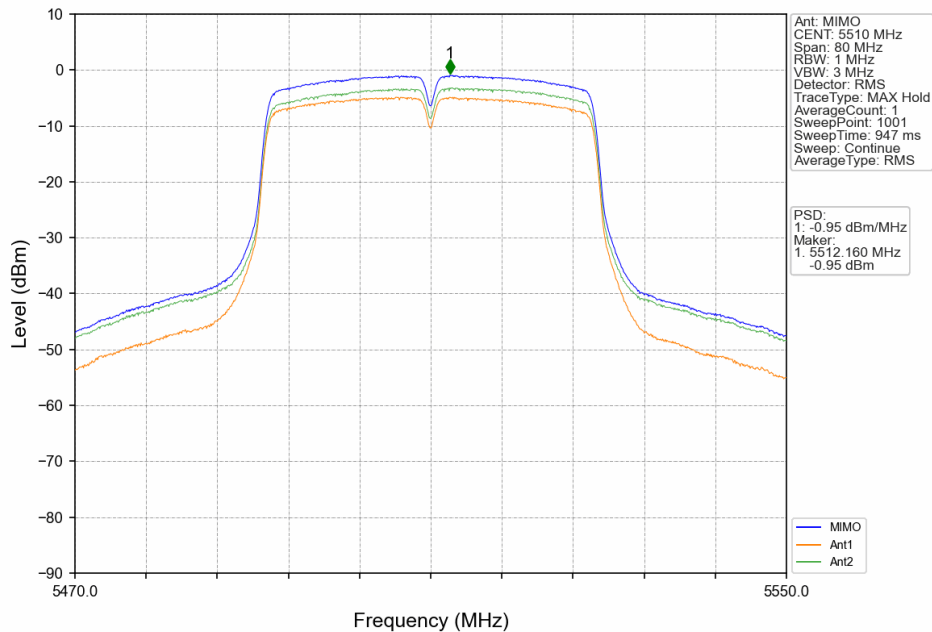
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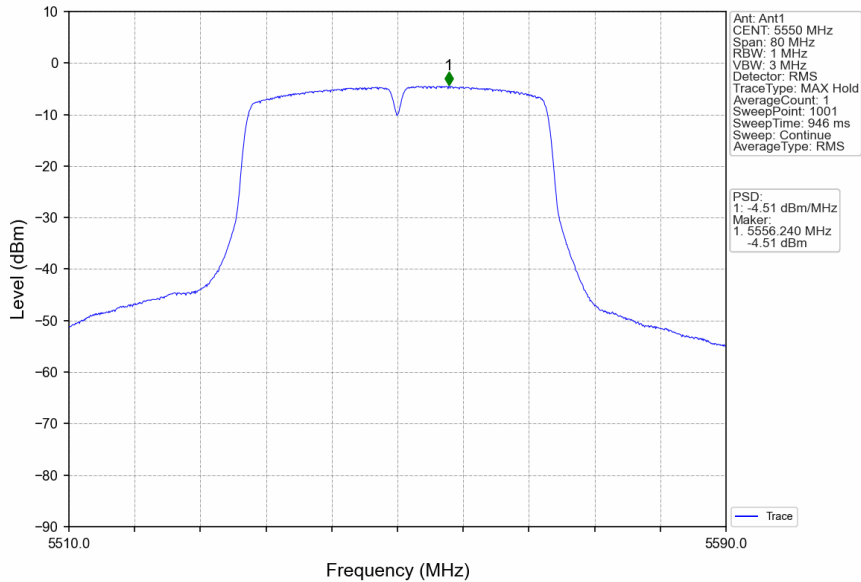
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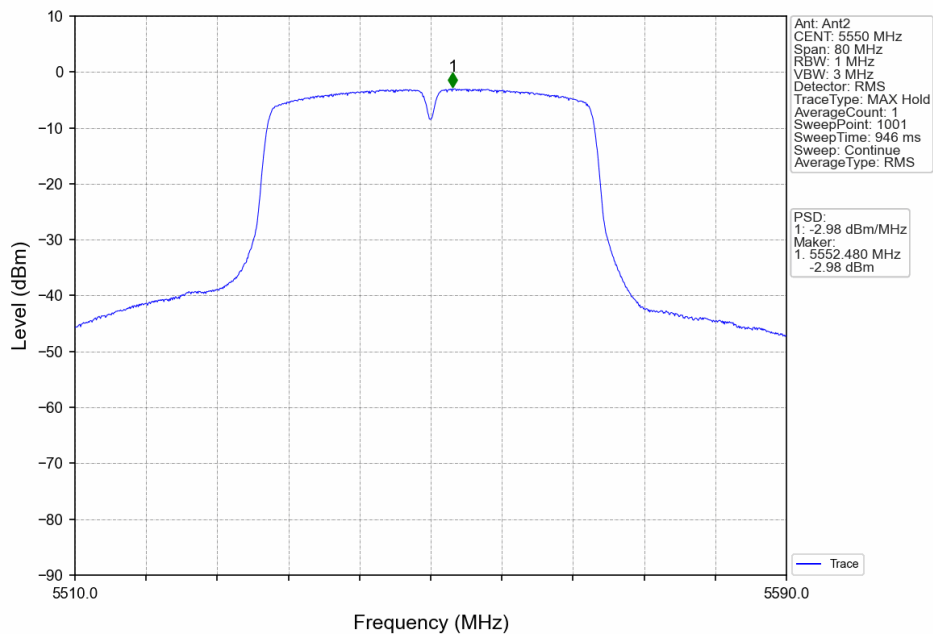
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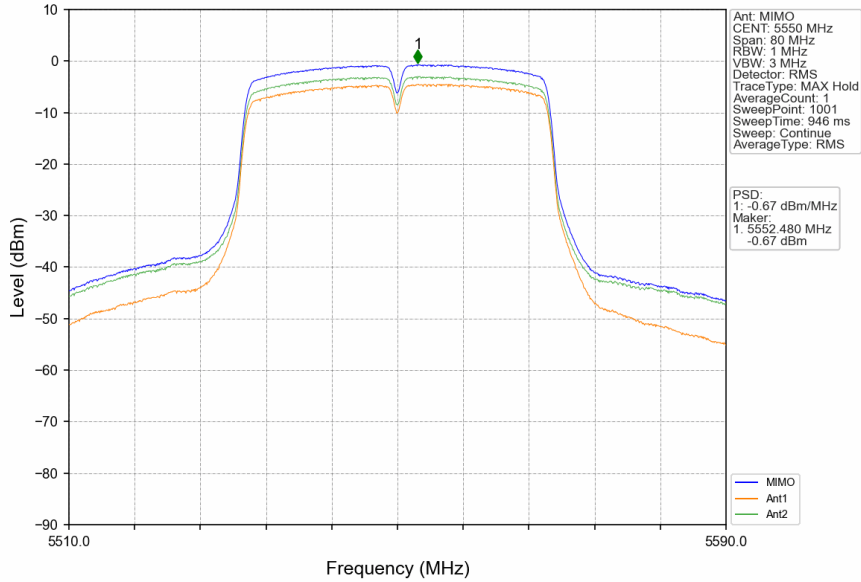
802.11n(HT40)_MCH_5550MHz_Ant0_NTNV



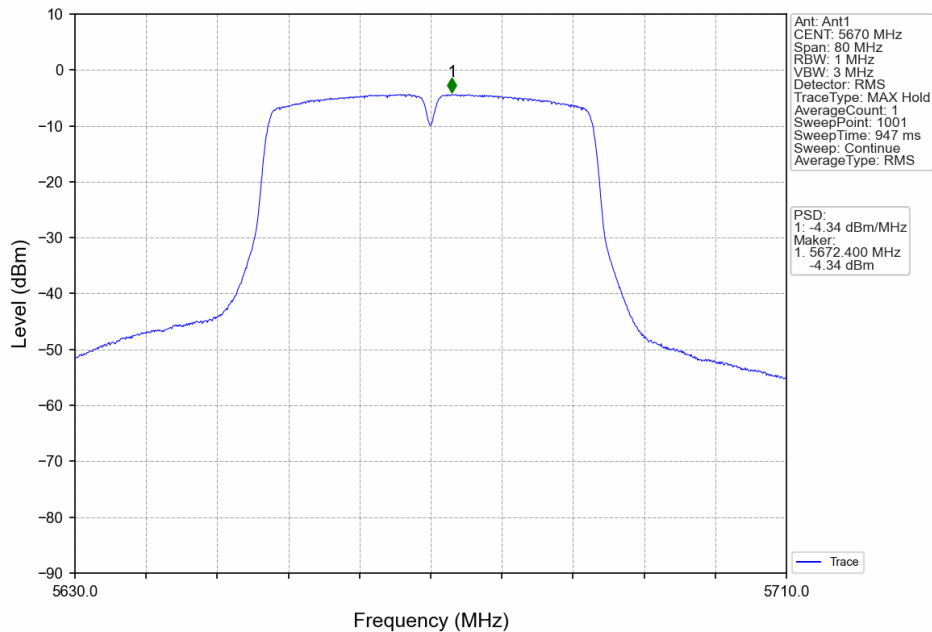
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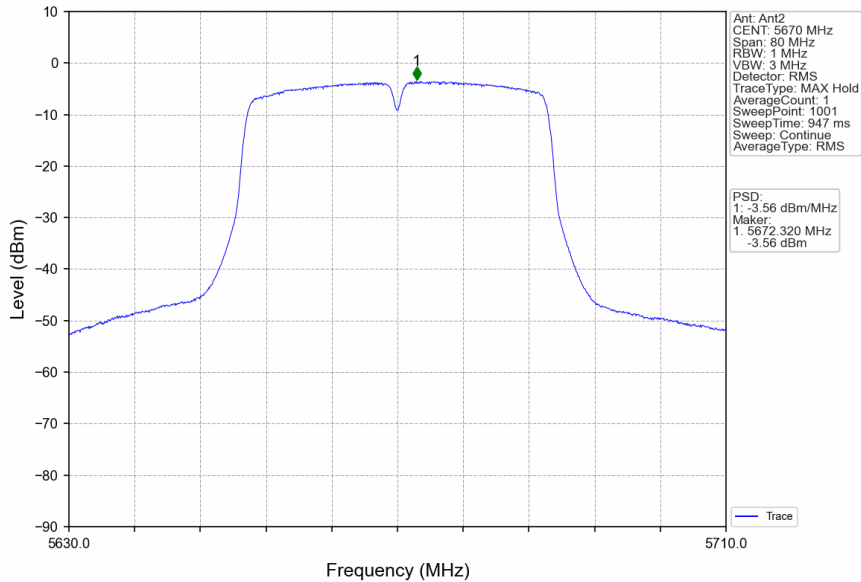
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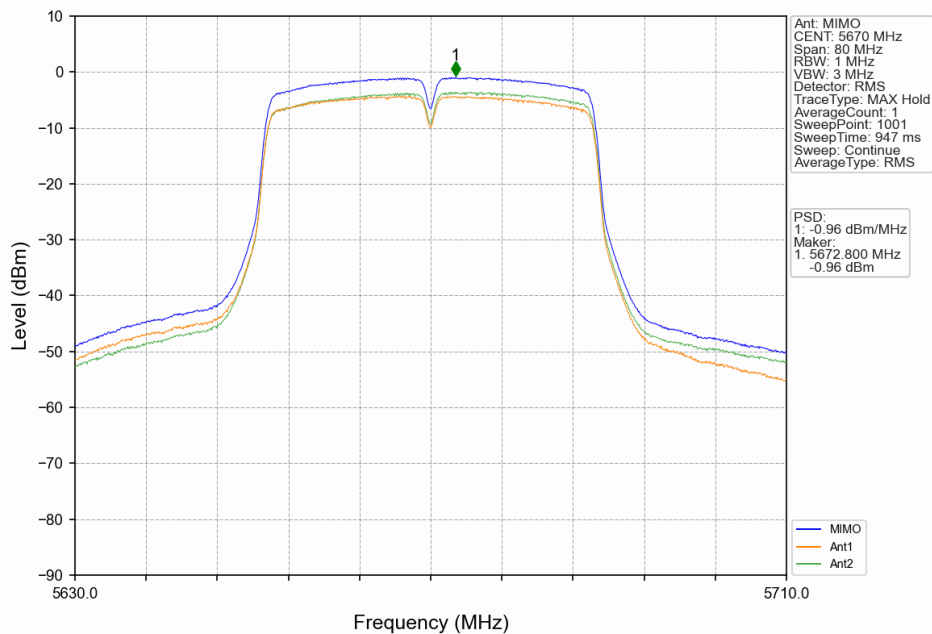
802.11n(HT40)_HCH_5670MHz_Ant0_NTNV



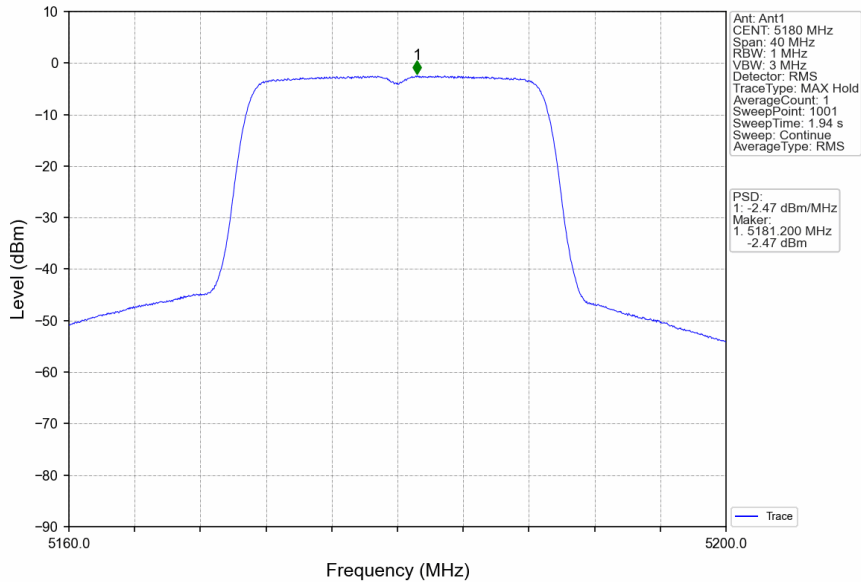
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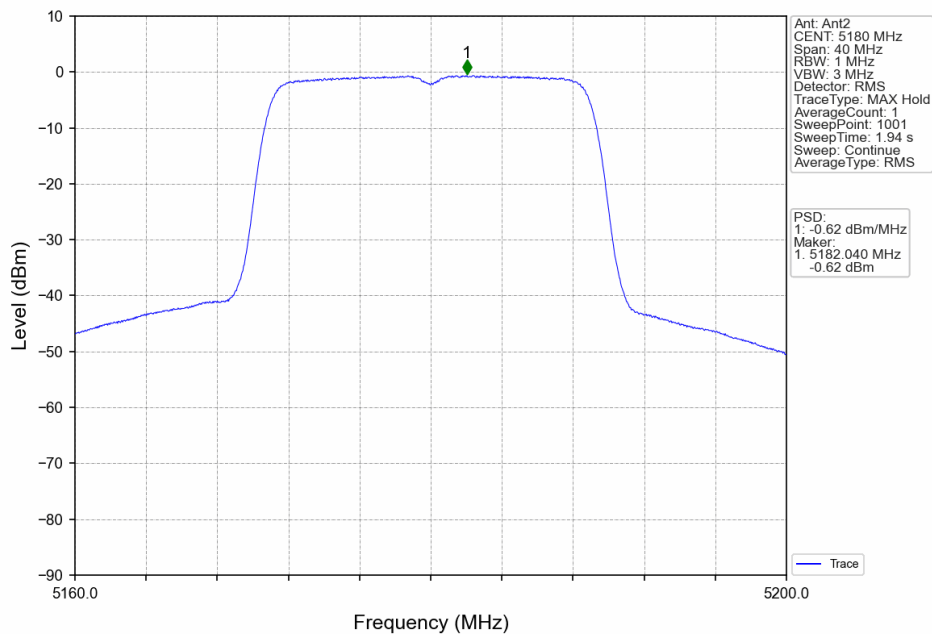
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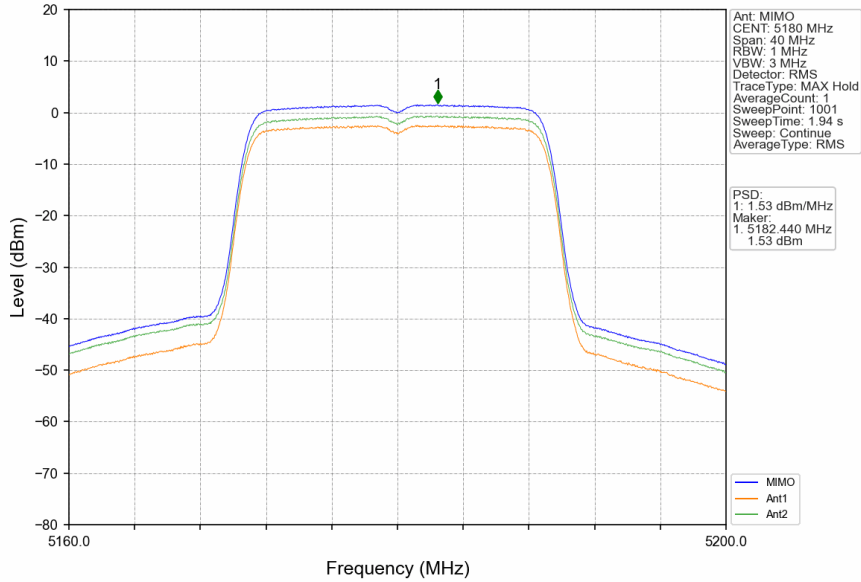
802.11ac(VHT20)_LCH_5180MHz_Ant0_NTNV



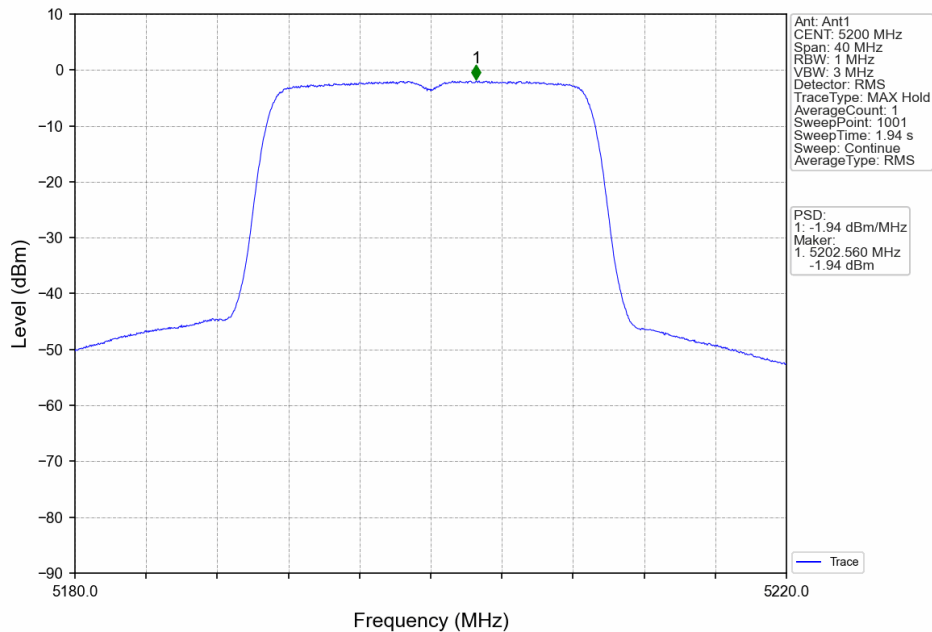
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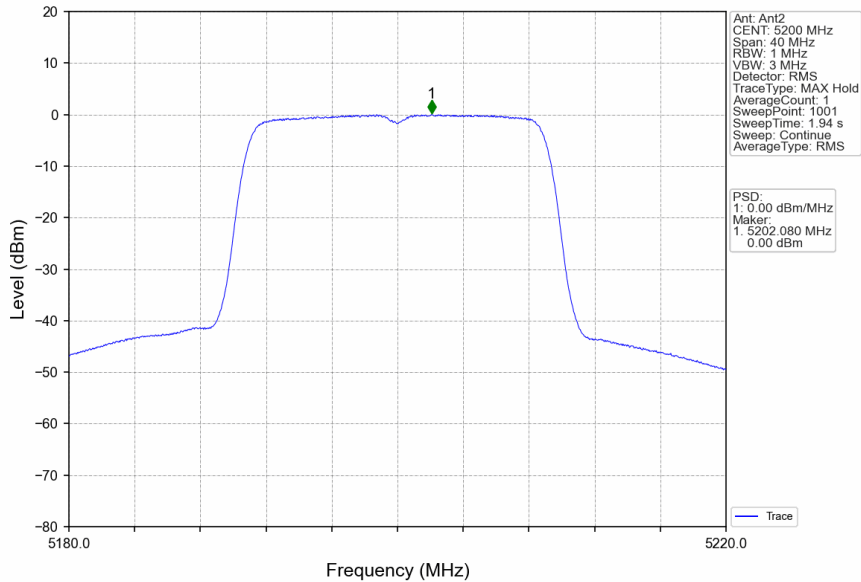
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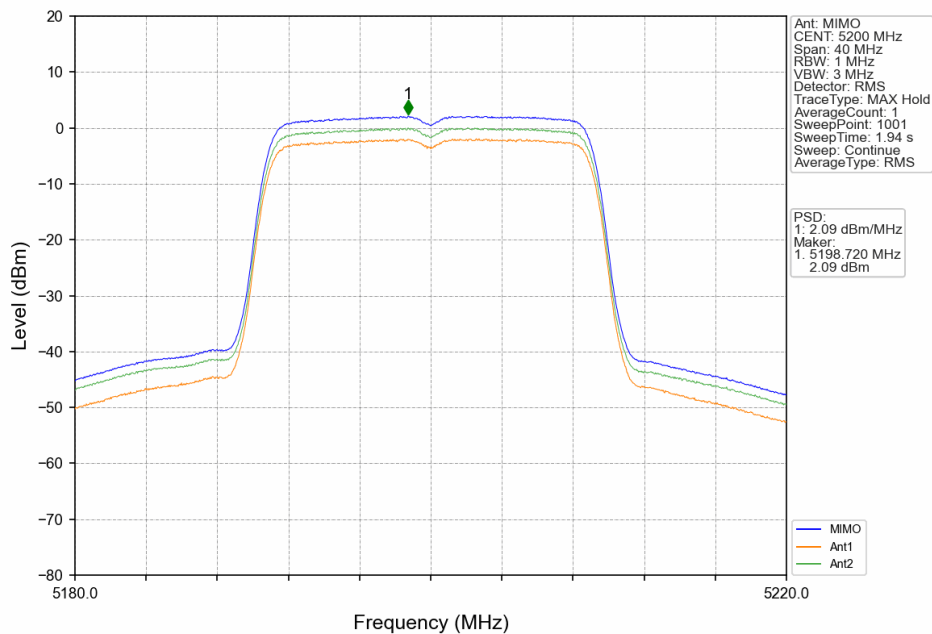
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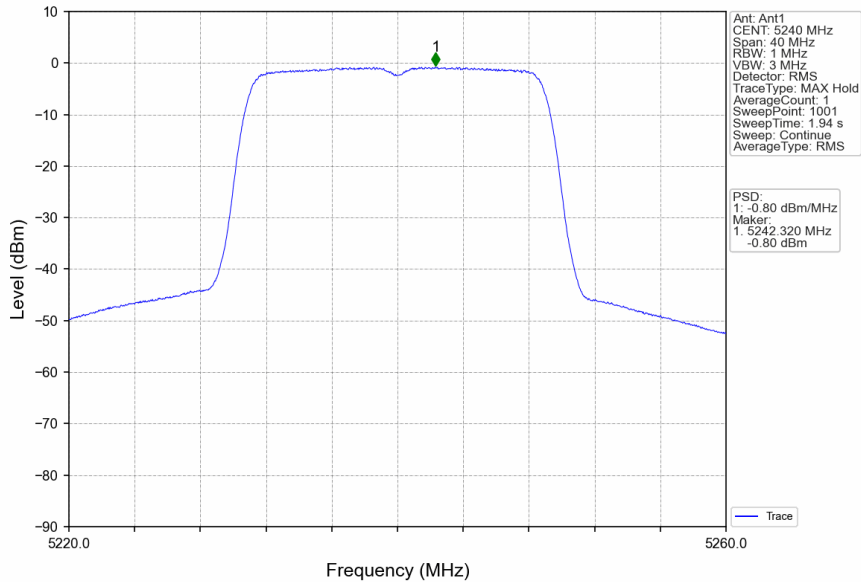
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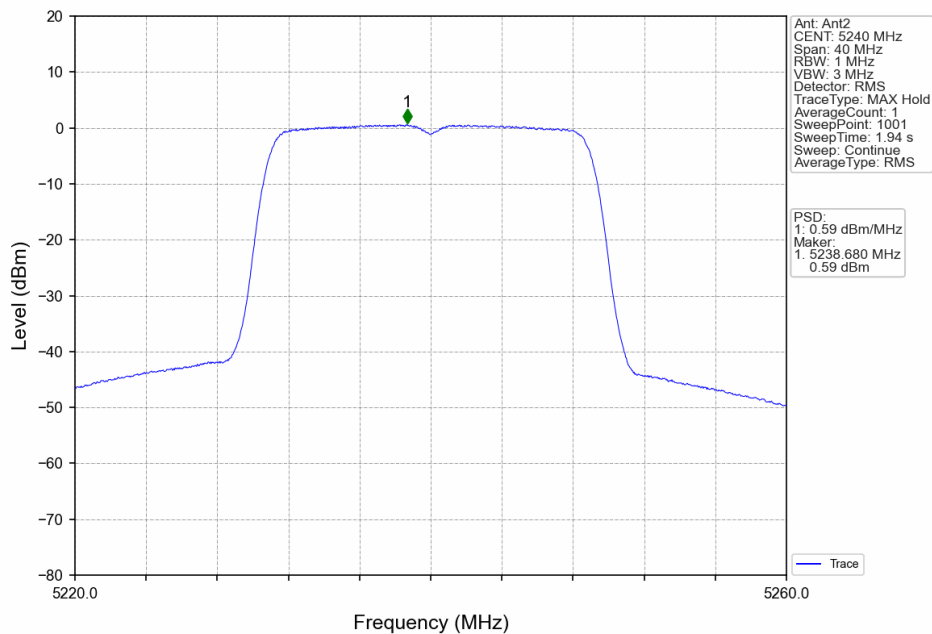
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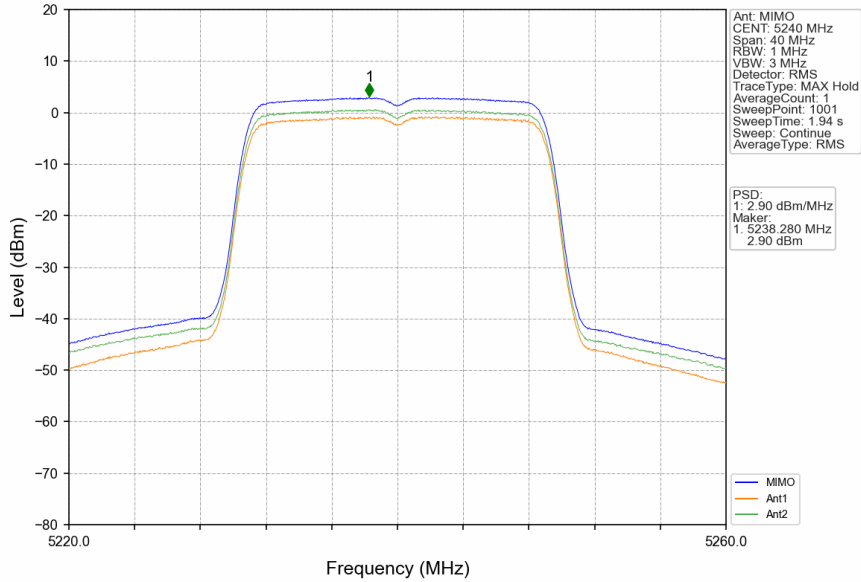
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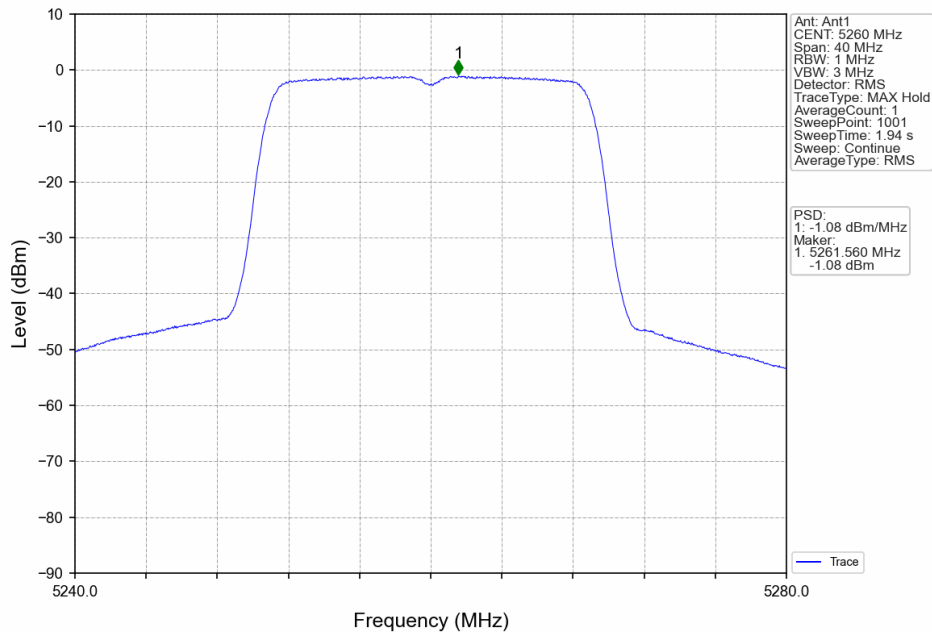
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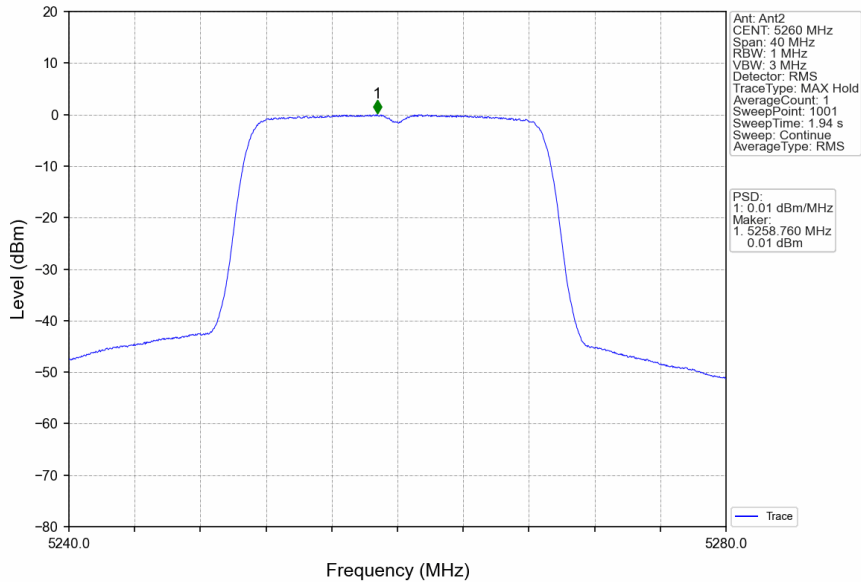
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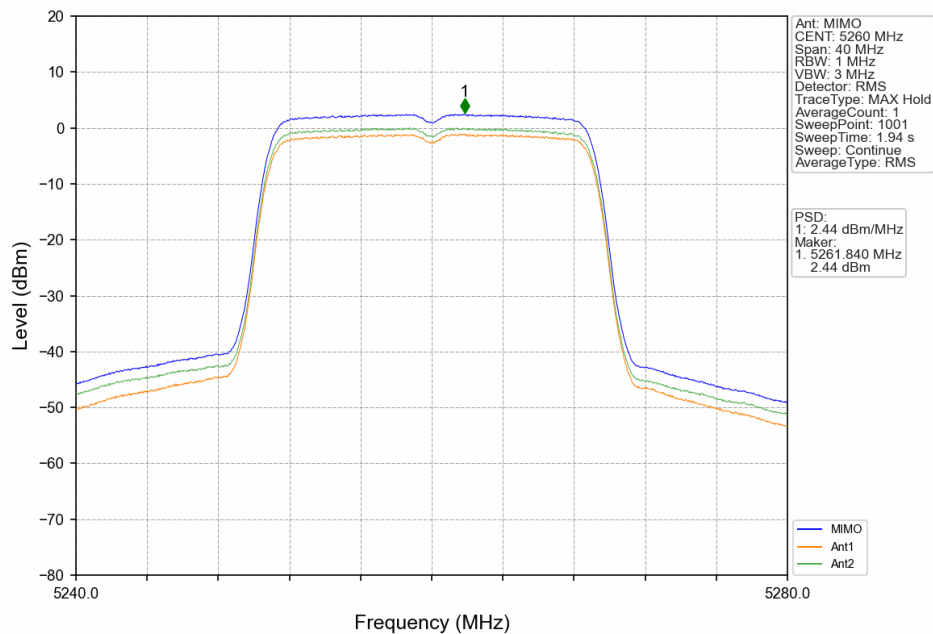
802.11ac(VHT20)_LCH_5260MHz_Ant0_NTNV



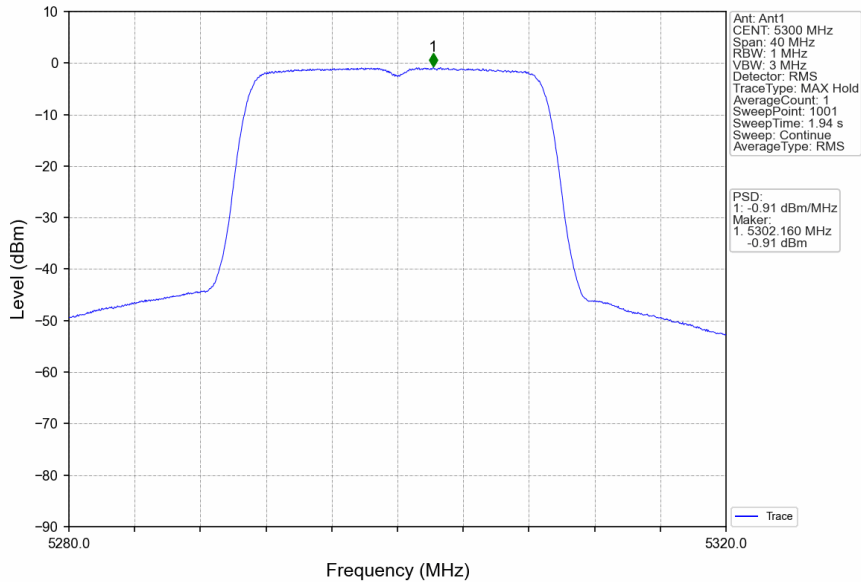
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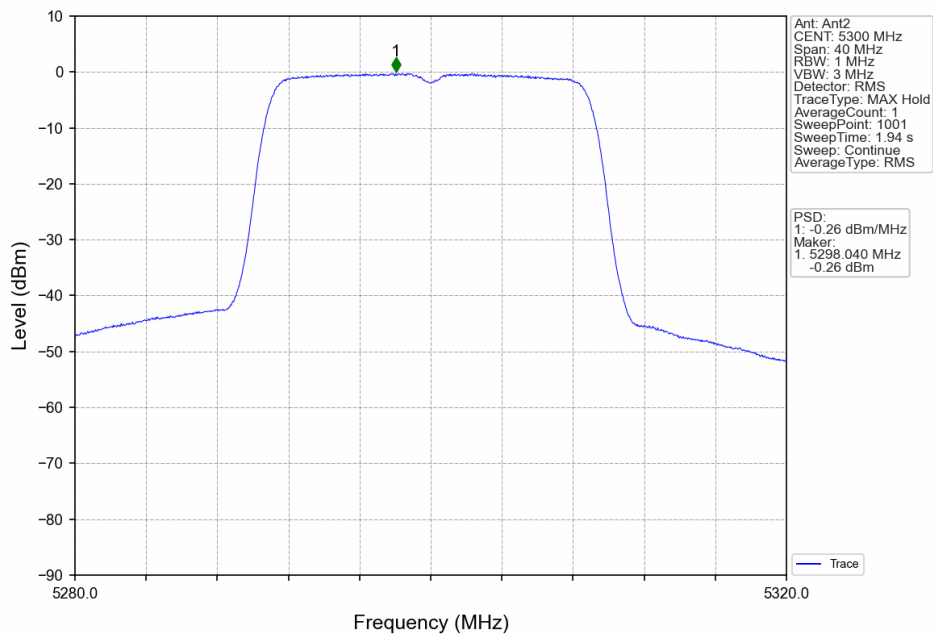
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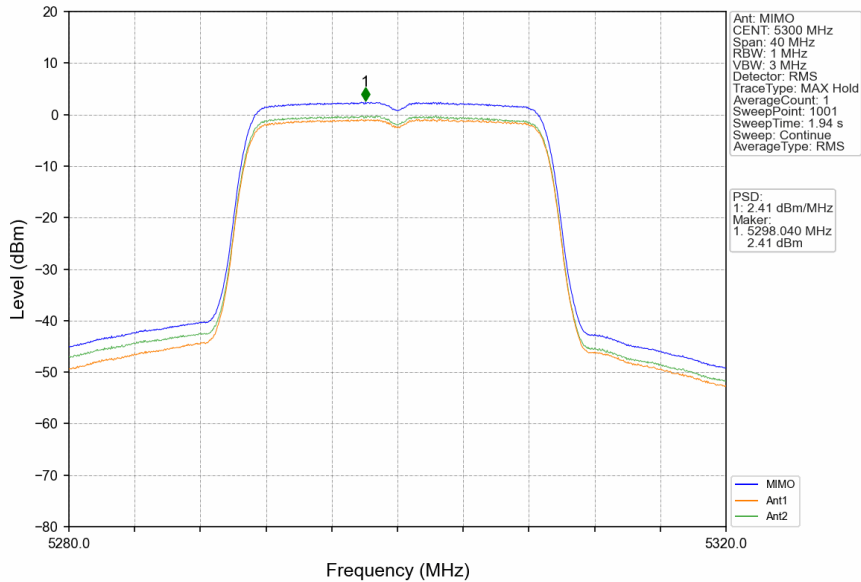
802.11ac(VHT20)_MCH_5300MHz_Ant0_NTNV



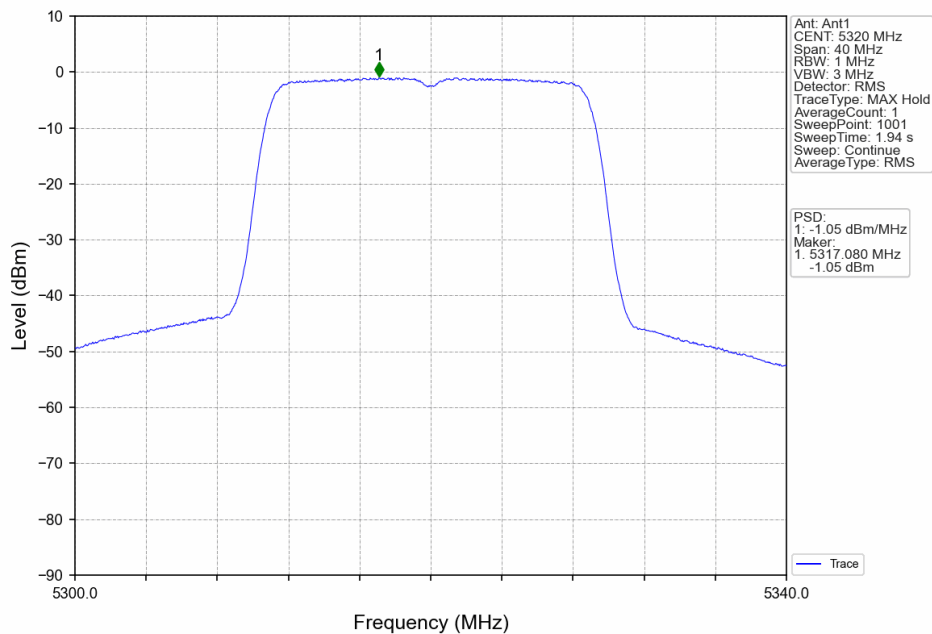
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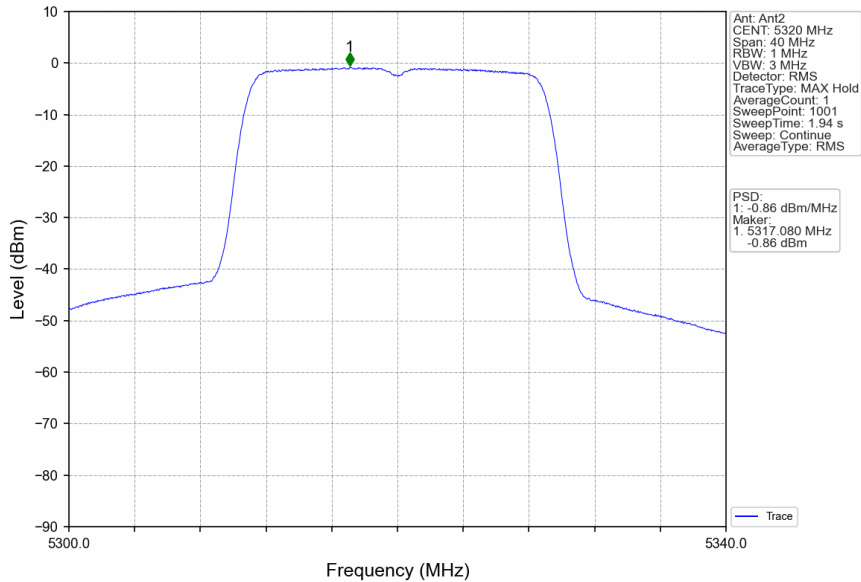
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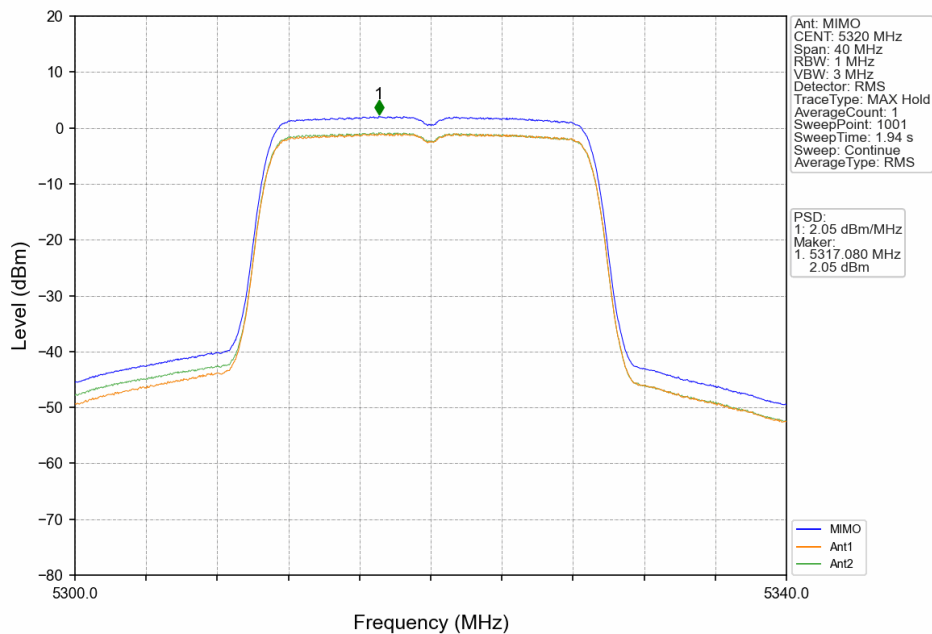
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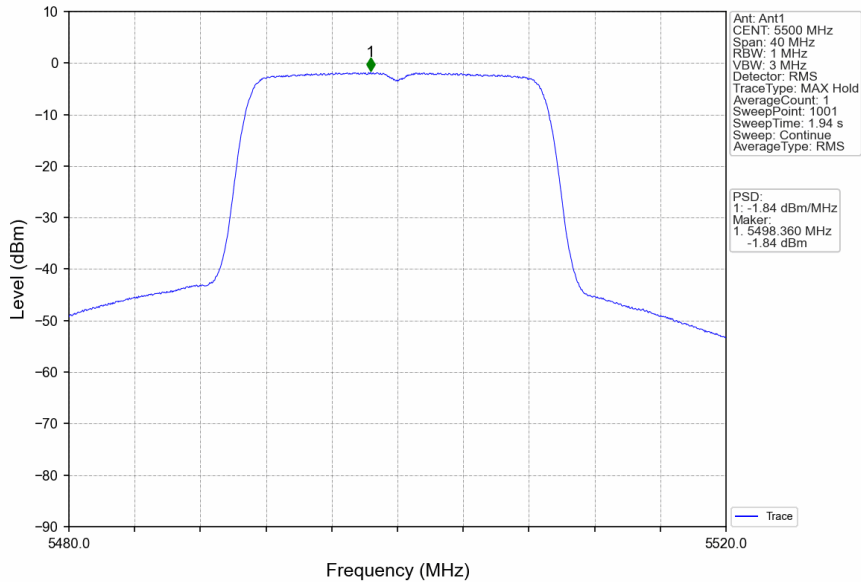
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5320MHz_MIMO_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant0_NTNV



802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

