

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200471908

Page: 449 of 521

		5248	0	1.747	/	Pass
3M	MIMO	5154	0	2.799	/	Pass
		5199	0	2.861	/	Pass
		5247	0	2.799	/	Pass
5M	MIMO	5155	0	5.292	/	Pass
		5200	0	5.286	/	Pass
		5245	0	5.297	/	Pass
10M	MIMO	5157	0	10.222	/	Pass
		5200	0	10.266	/	Pass
		5245	0	10.197	/	Pass
20M	MIMO	5161	0	19.659	/	Pass
		5200	0	19.538	/	Pass
		5240	0	19.607	/	Pass
40M	MIMO	5170	0	37.989	/	Pass
		5200	0	36.628	/	Pass
		5230	0	36.626	/	Pass
60M	MIMO	5180	0	56.190	/	Pass
		5200	0	55.503	/	Pass
		5220	0	55.497	/	Pass
80M	MIMO	5190	0	73.573	/	Pass
		5200	0	74.175	/	Pass
		5210	0	72.125	/	Pass



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Shenzhen Branch (Shenzhen) Laboratory

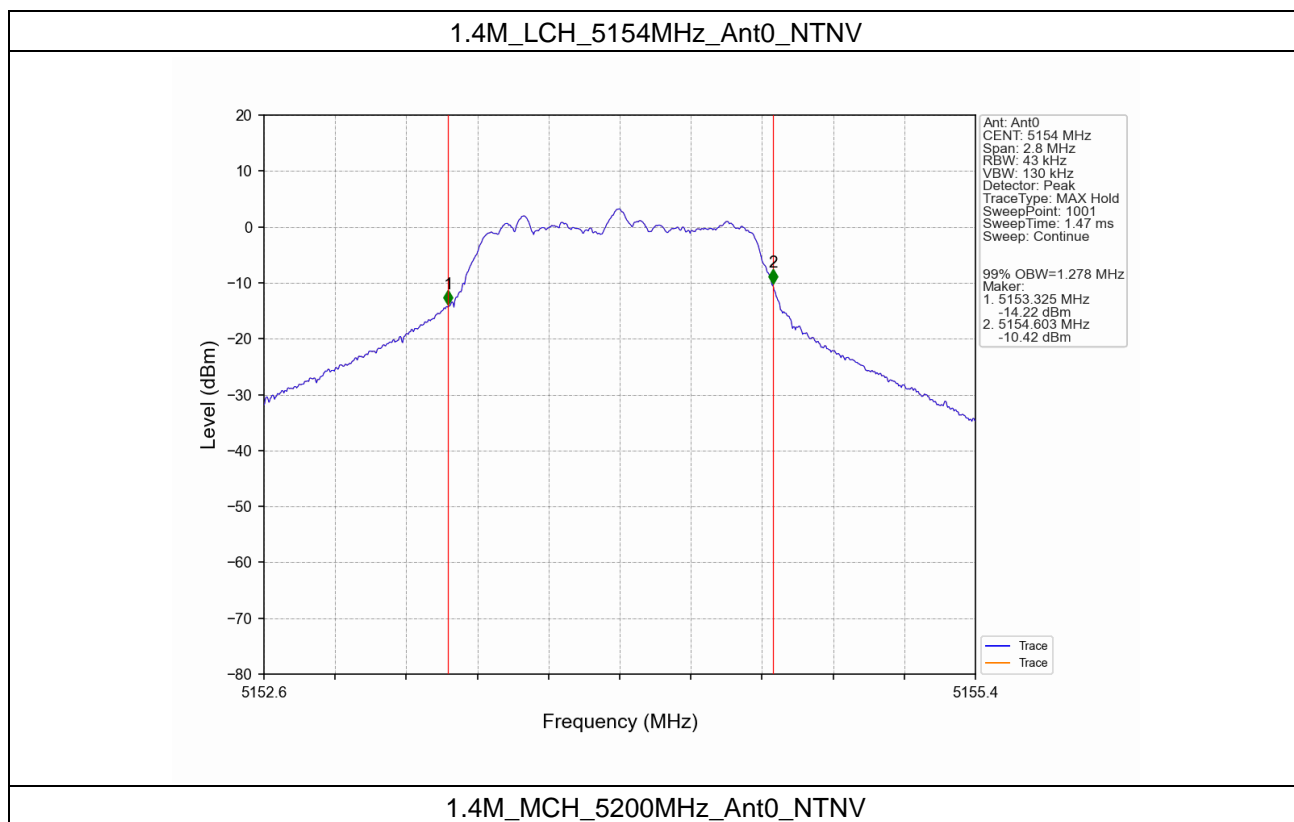
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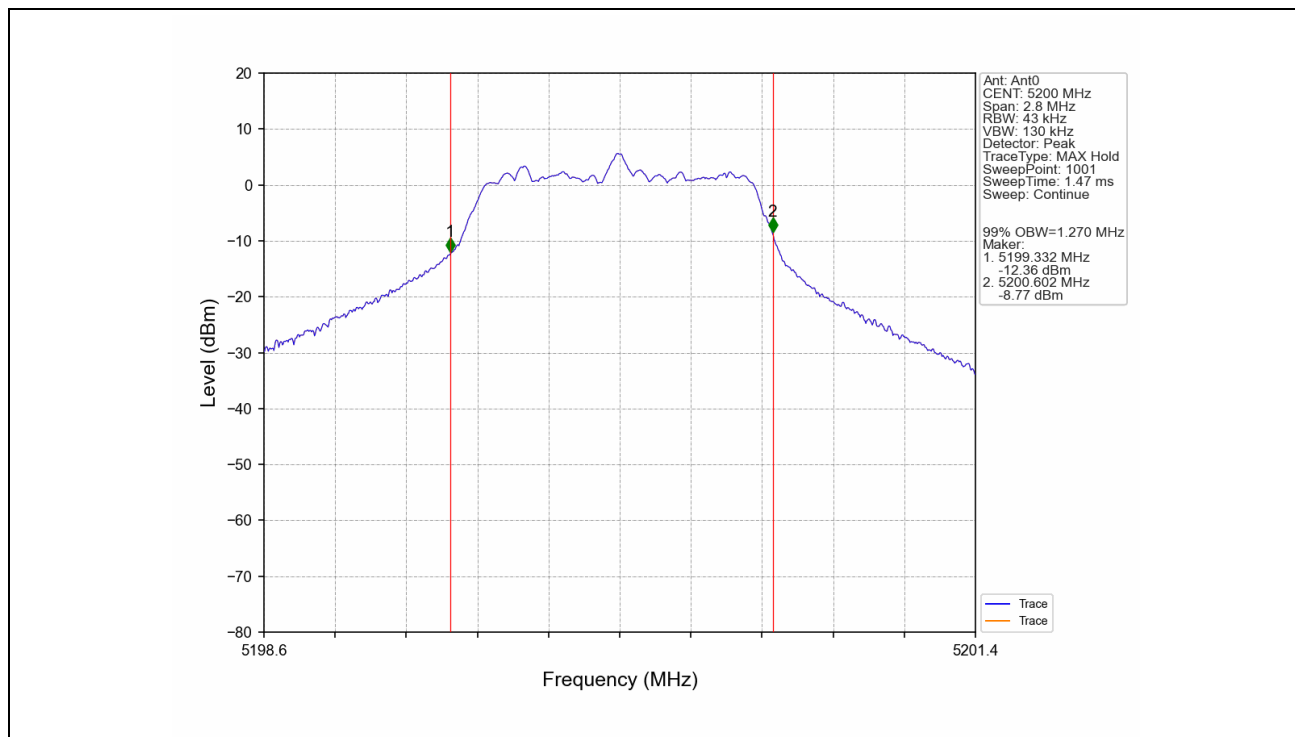
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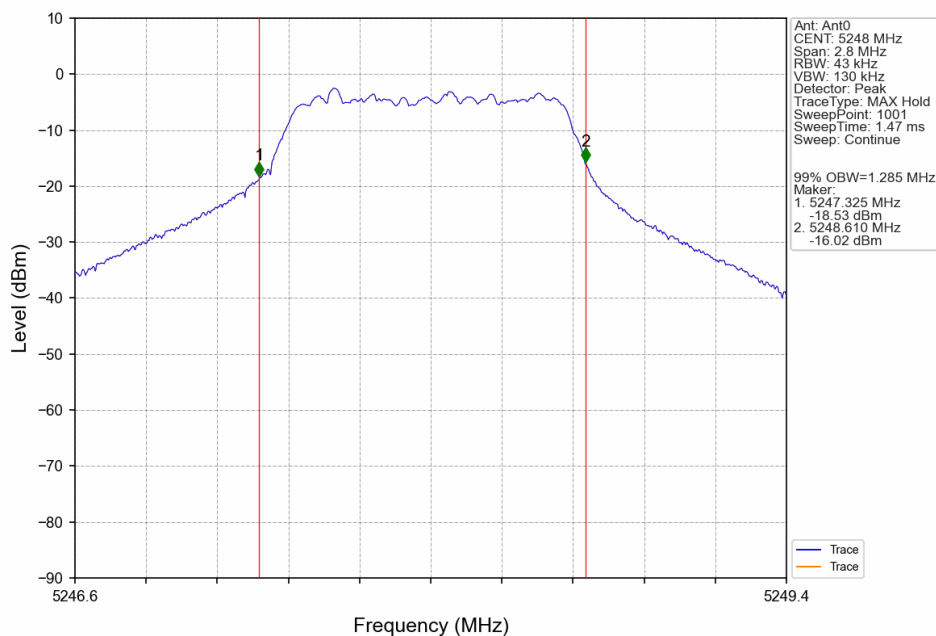
2.2 Test Graph

2.2.1 OBW

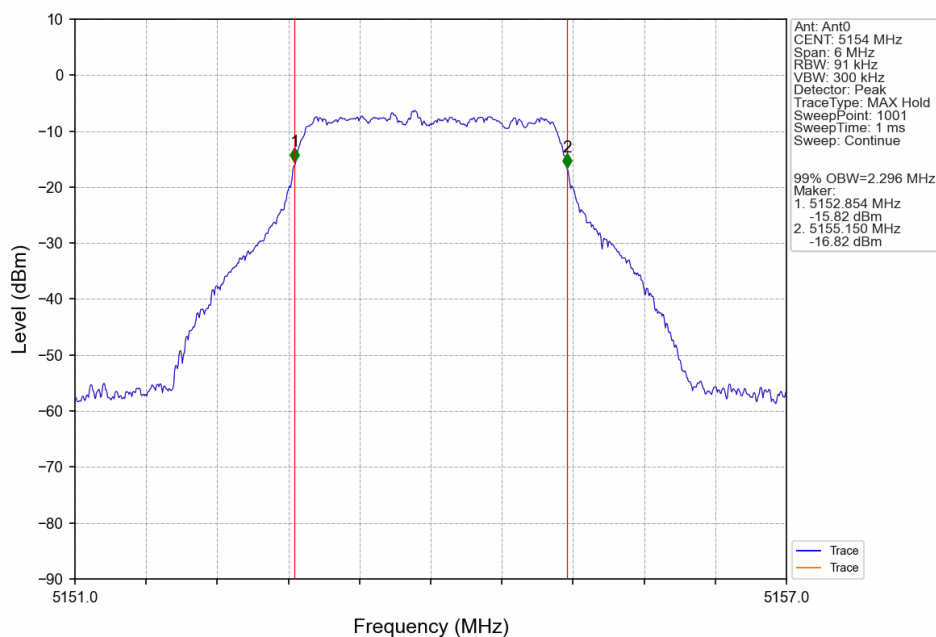




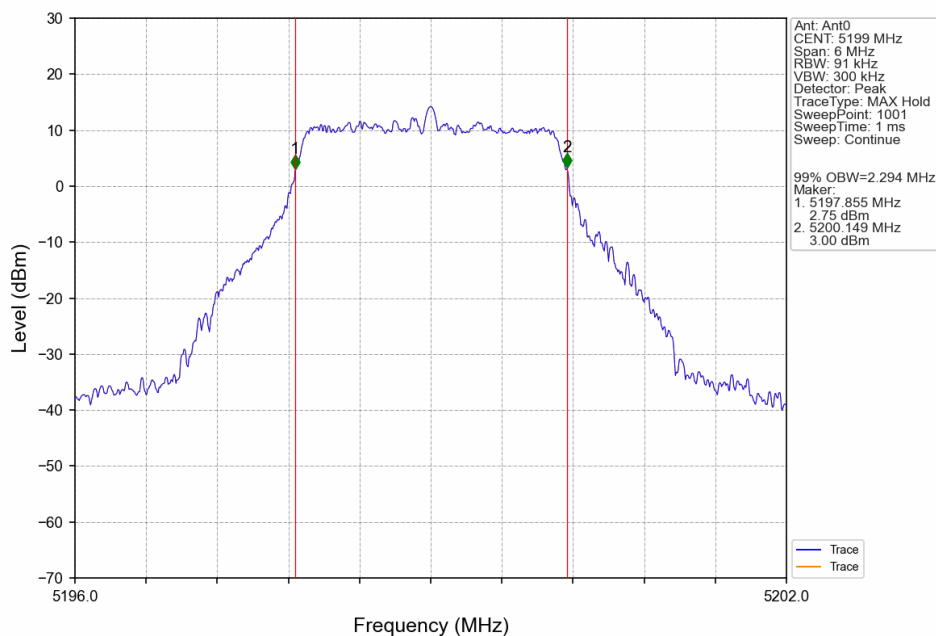
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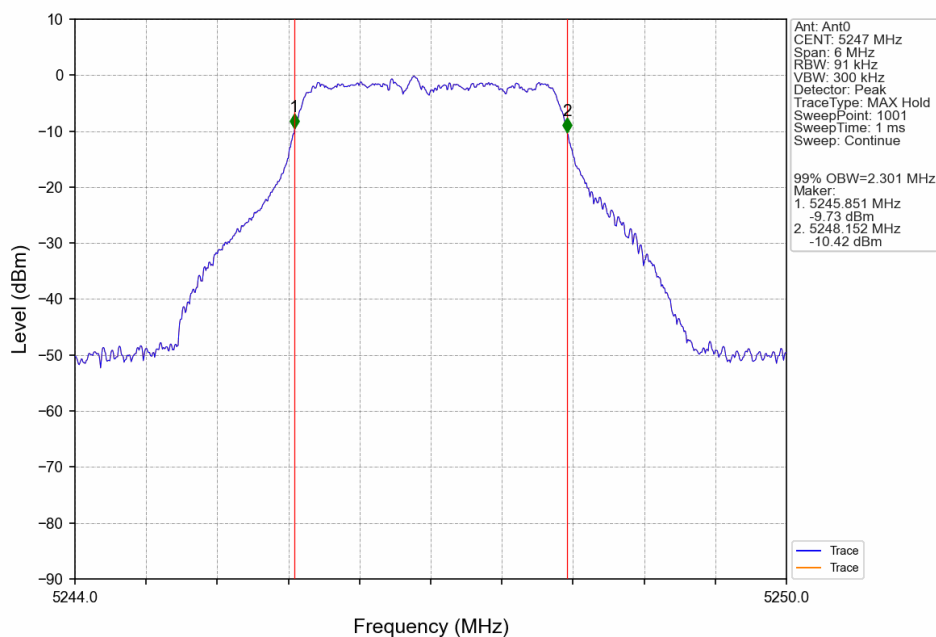
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3M_MCH_5199MHz_Ant0_NTNV



3M_HCH_5247MHz_Ant0_NTNV



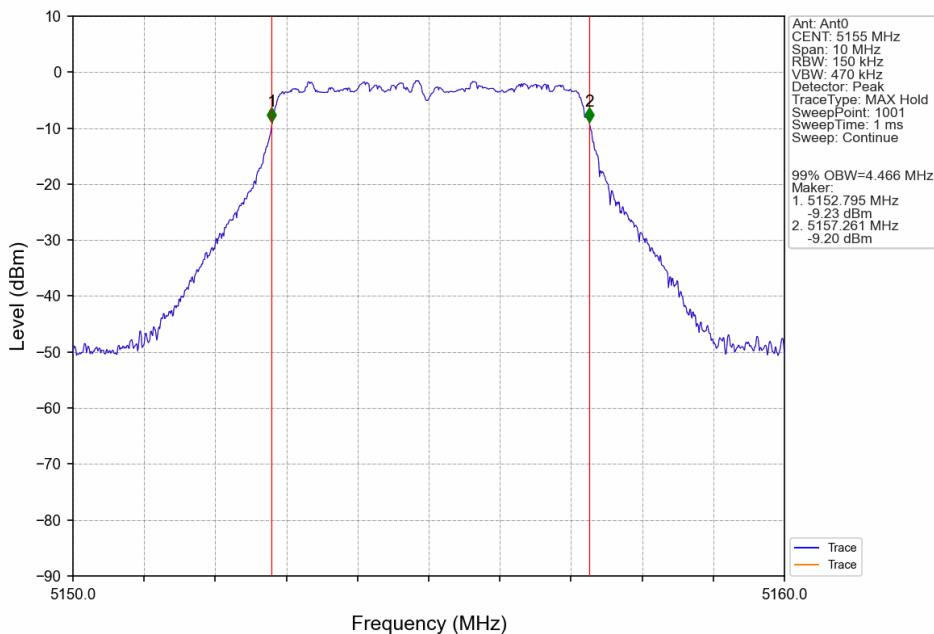
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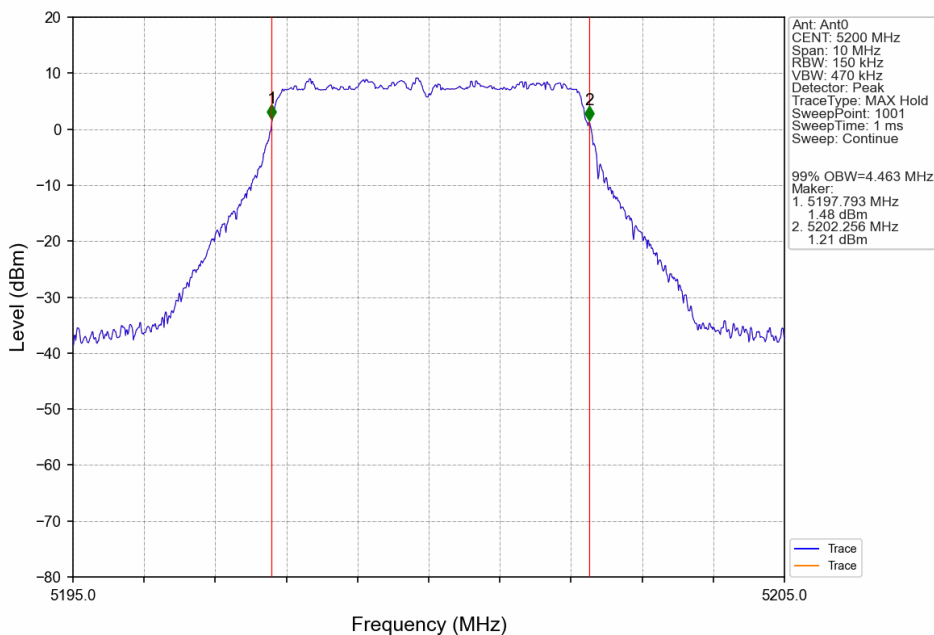
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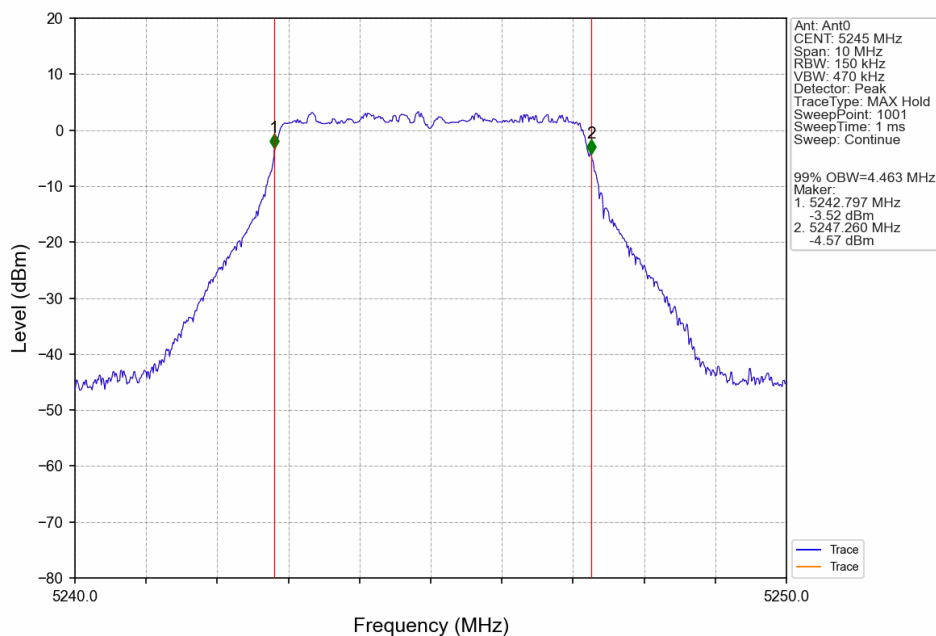
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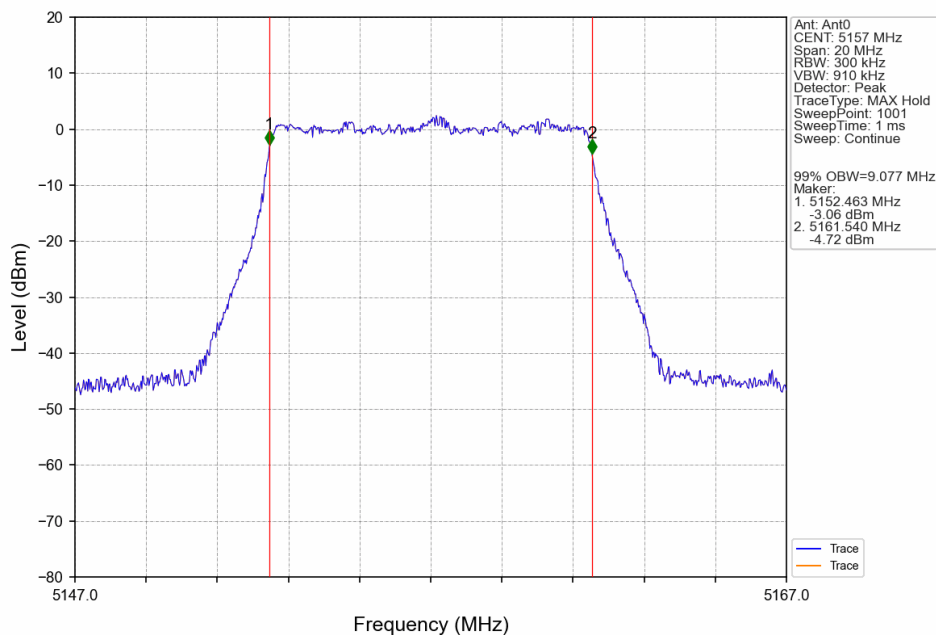
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5M_HCH_5245MHz_Ant0_NTNV



10M_LCH_5157MHz_Ant0_NTNV



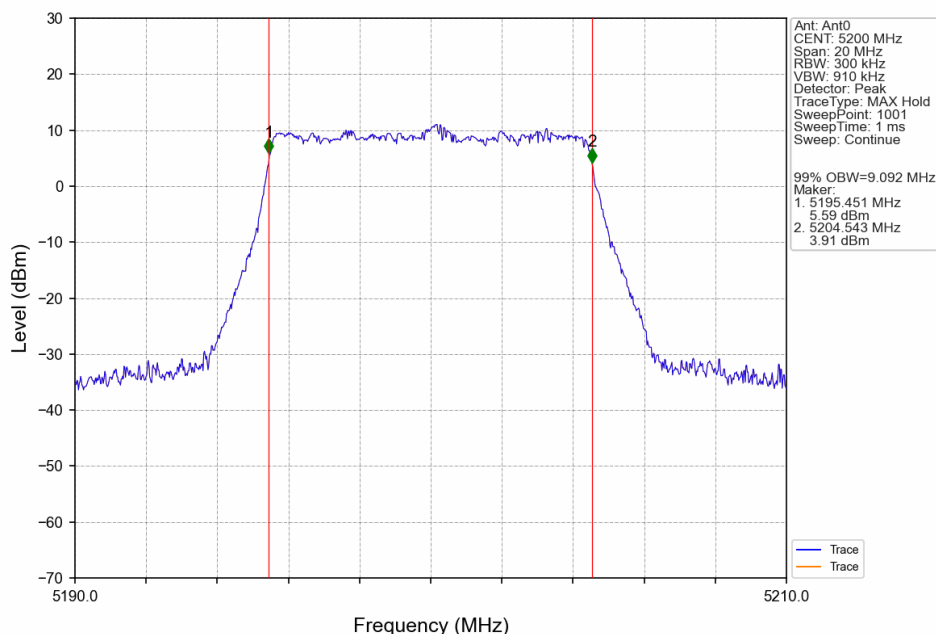
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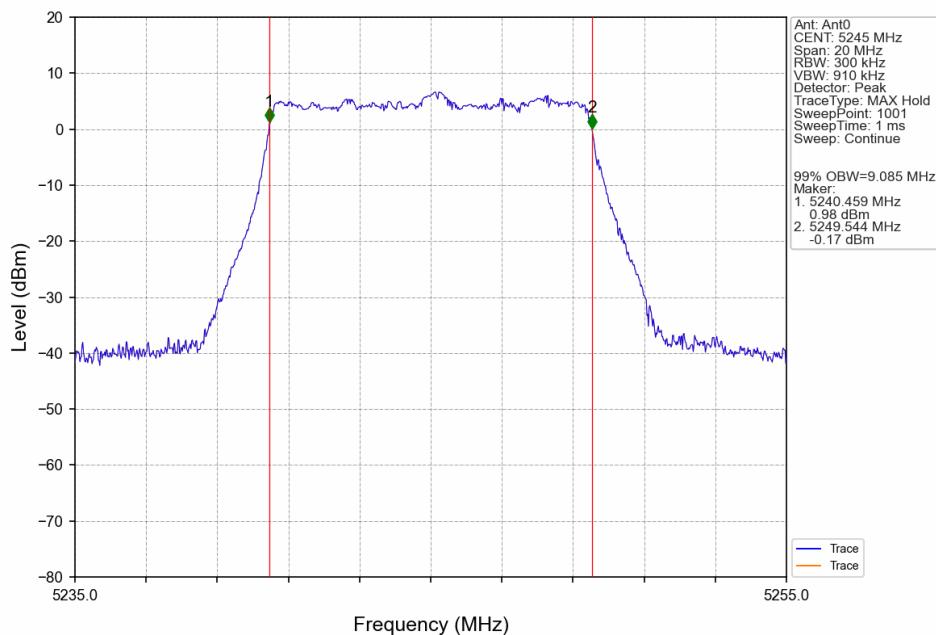
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10M_MCH_5200MHz_Ant0_NTNV



10M_HCH_5245MHz_Ant0_NTNV



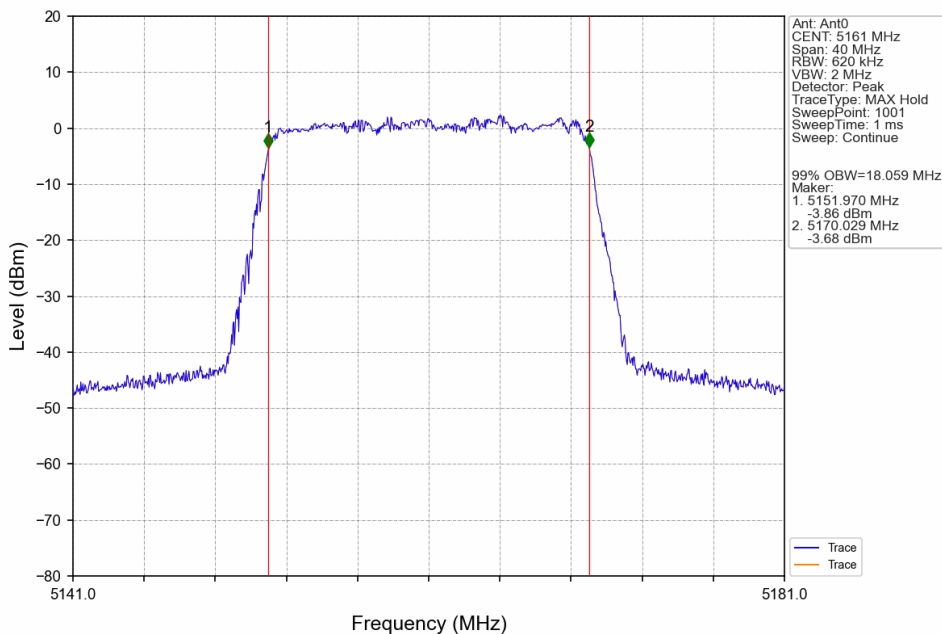
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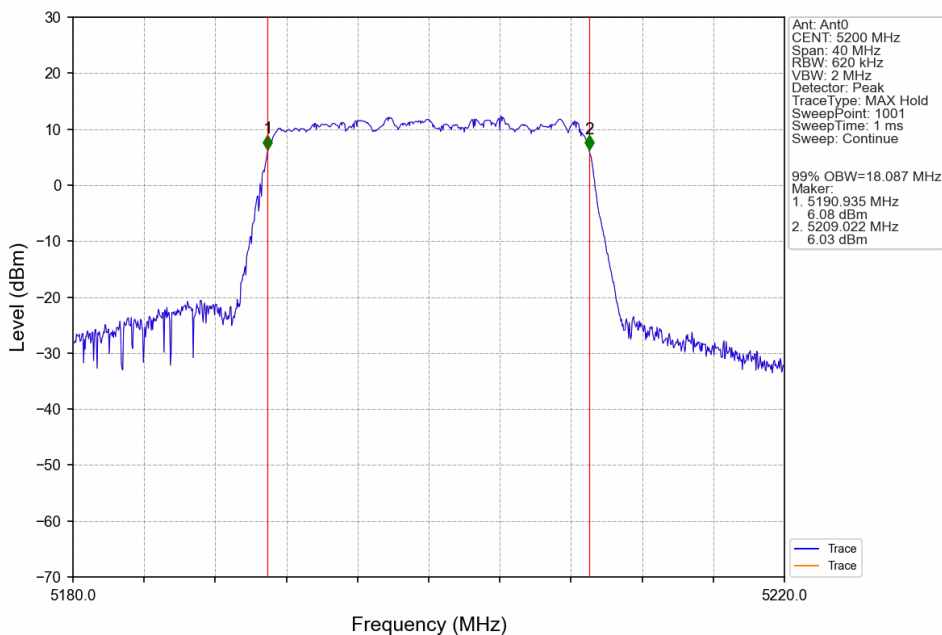
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20M_LCH_5161MHz_Ant0_NTNV



20M_MCH_5200MHz_Ant0_NTNV



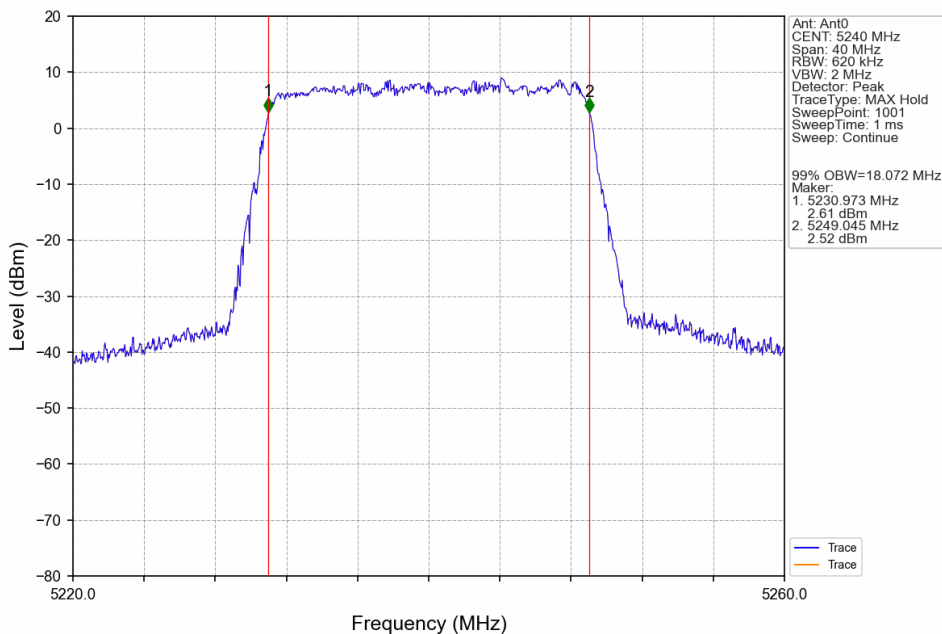
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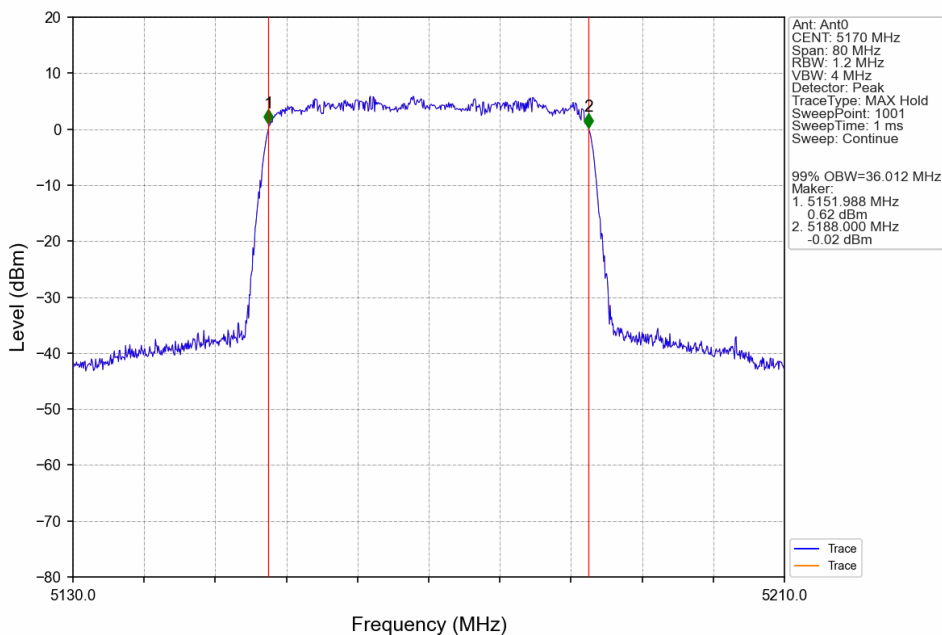
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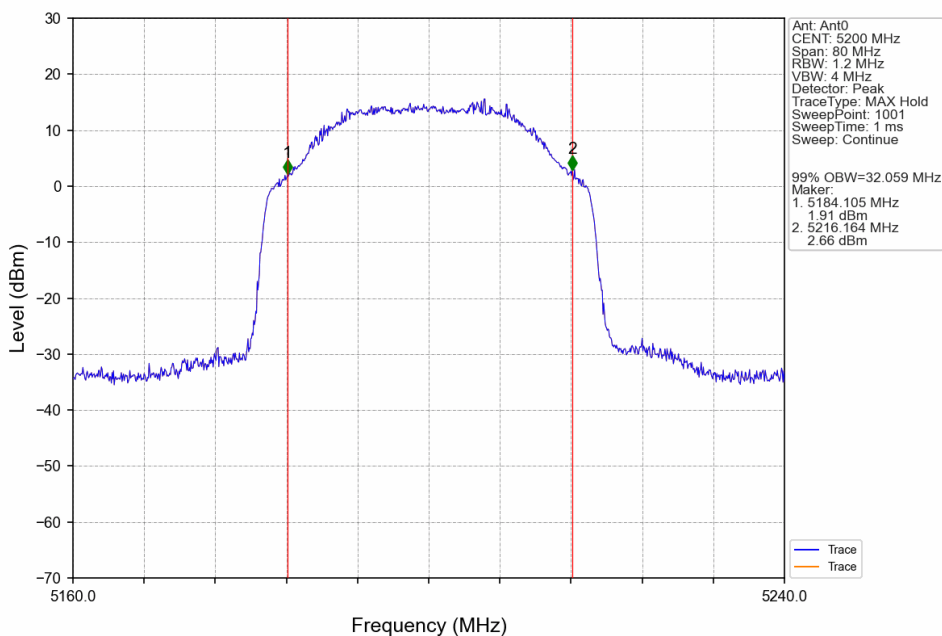
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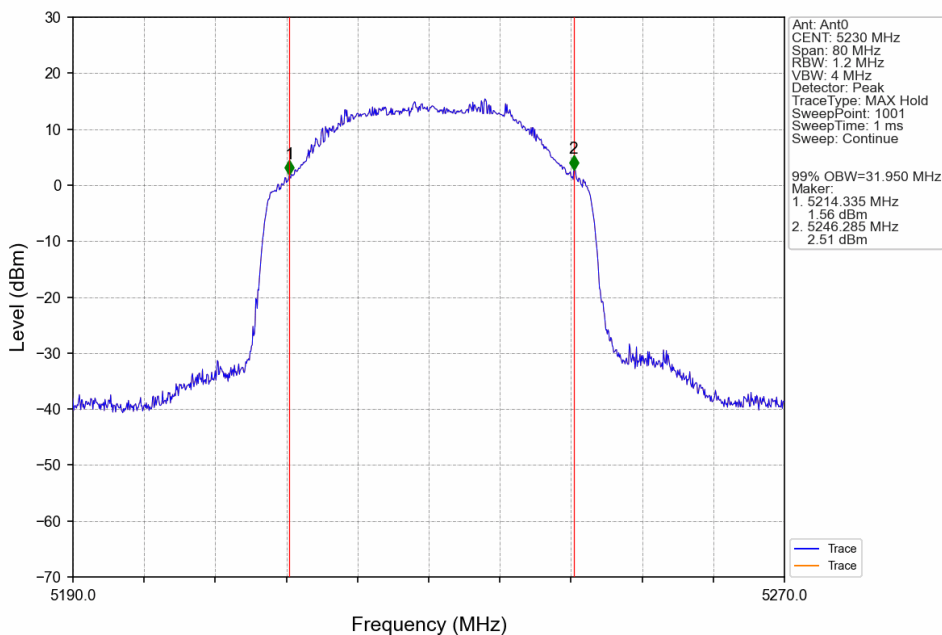
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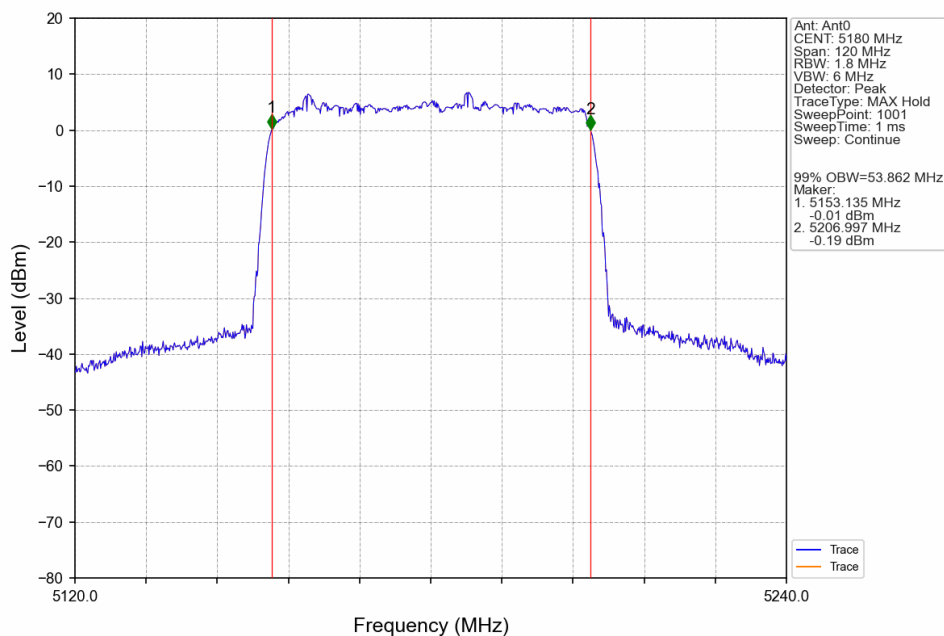
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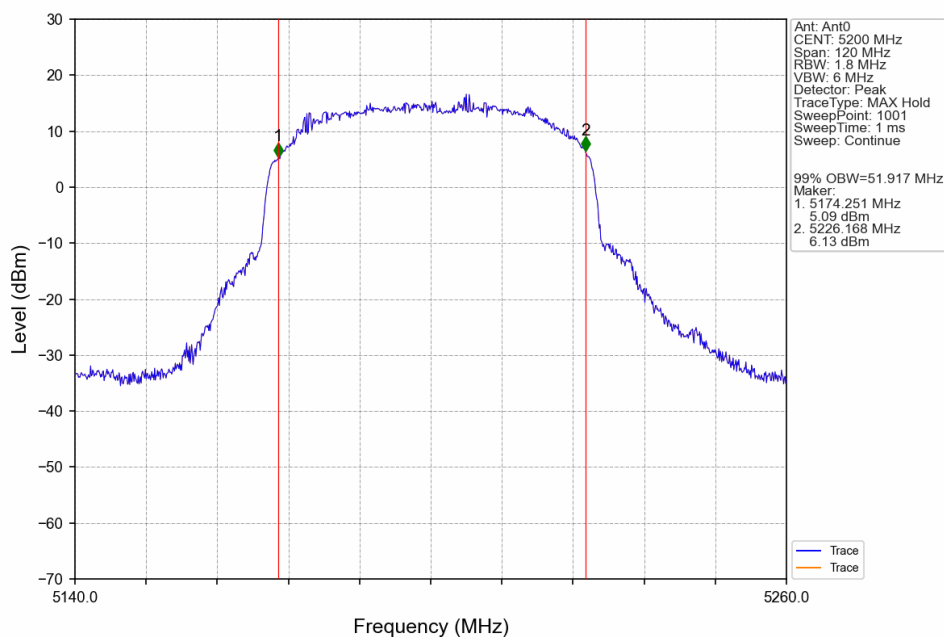
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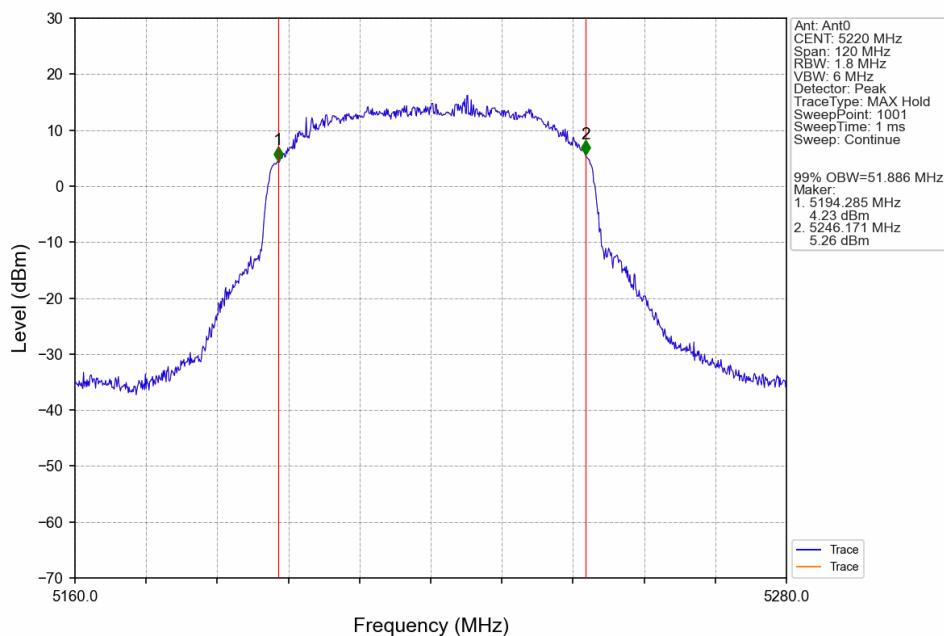
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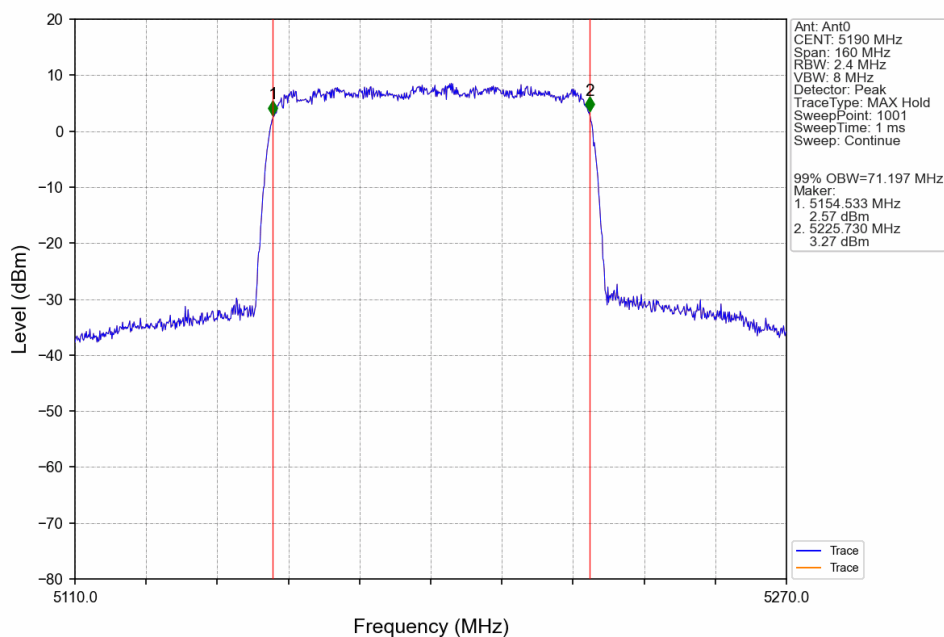
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60M_HCH_5220MHz_Ant0_NTNV



80M_LCH_5190MHz_Ant0_NTNV



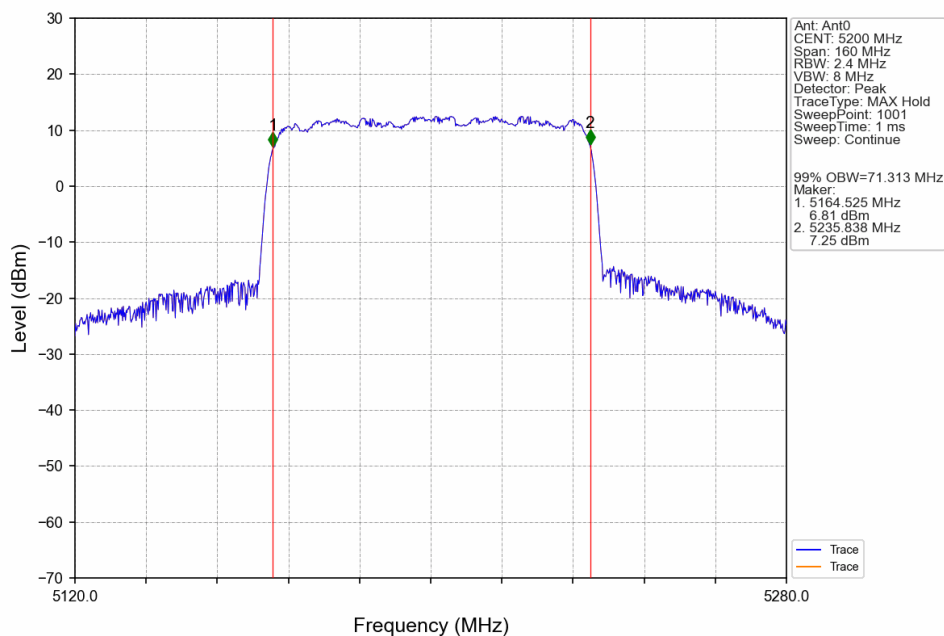
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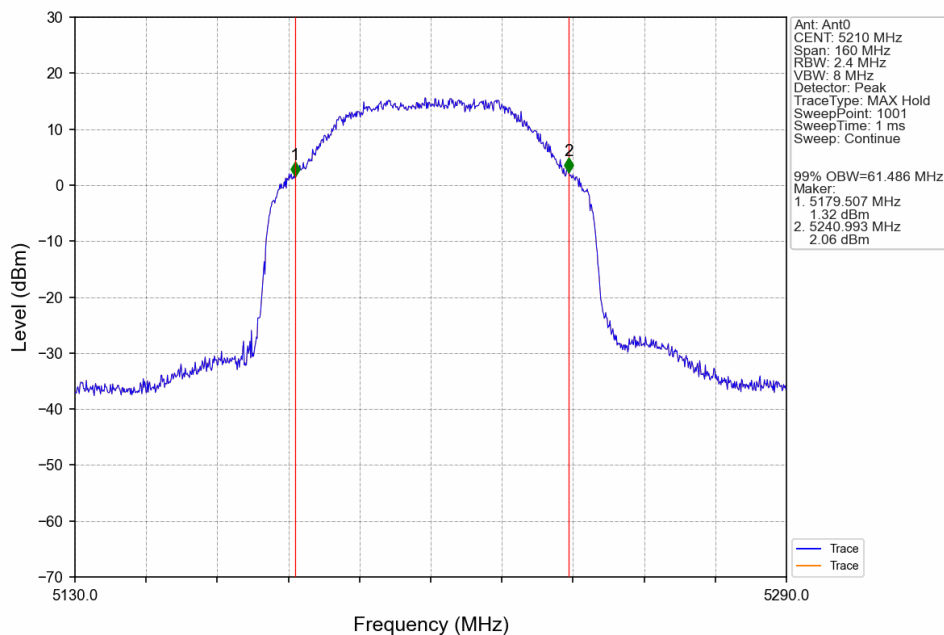
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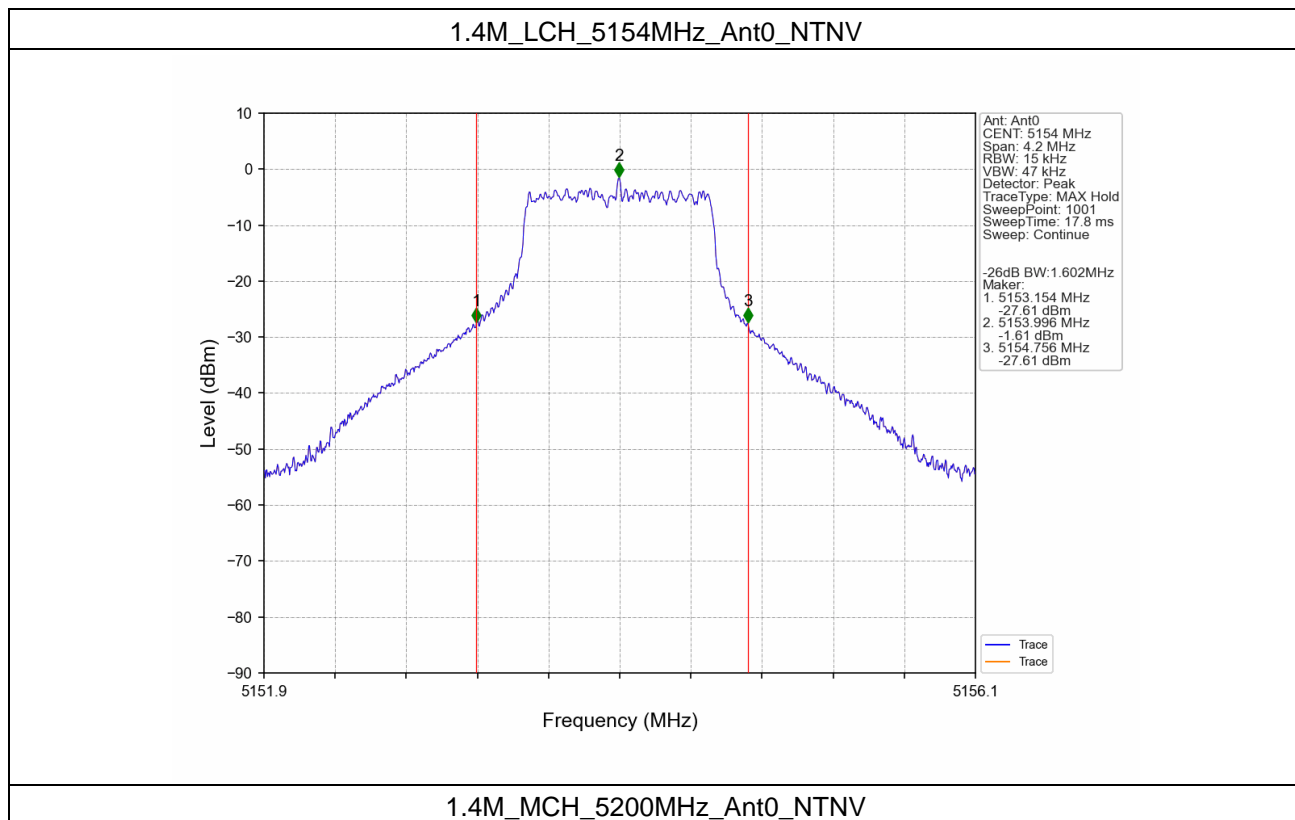
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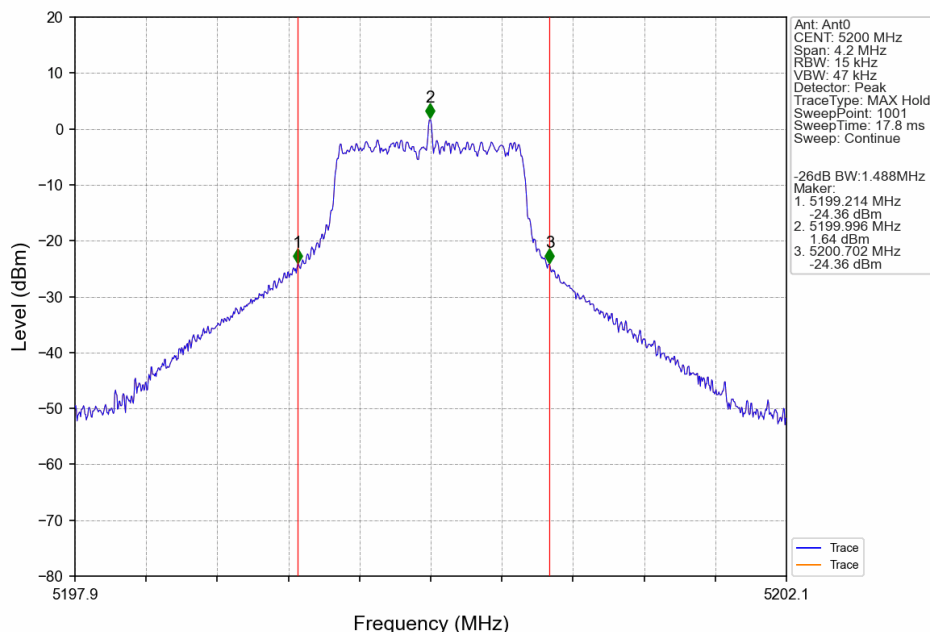


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2.2.2 26dB BW

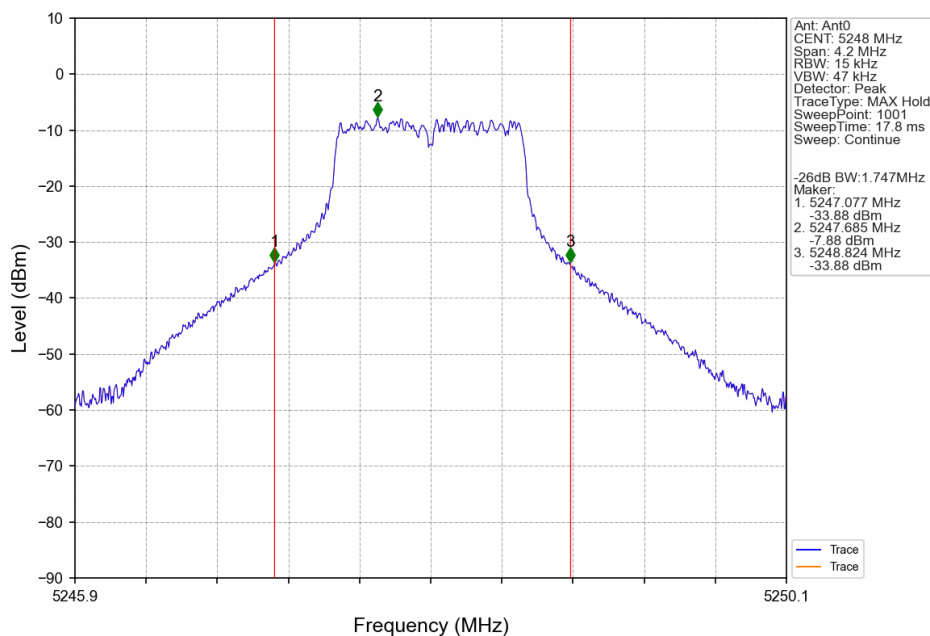




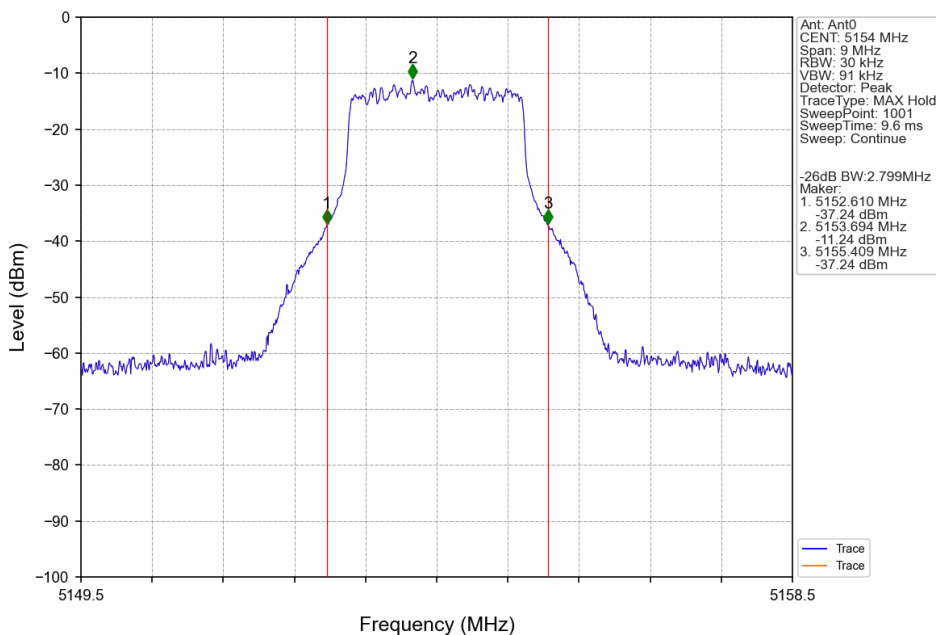
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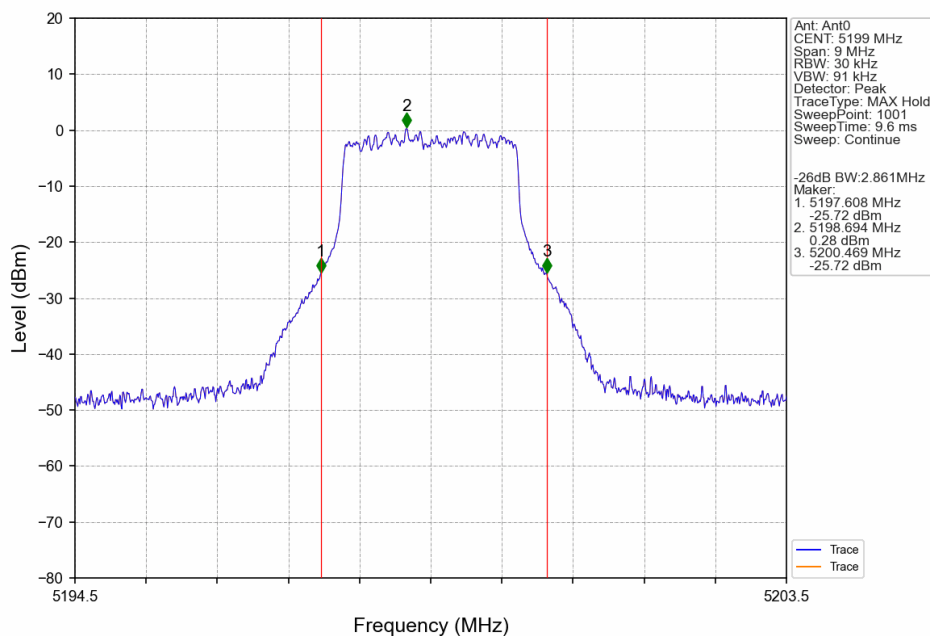
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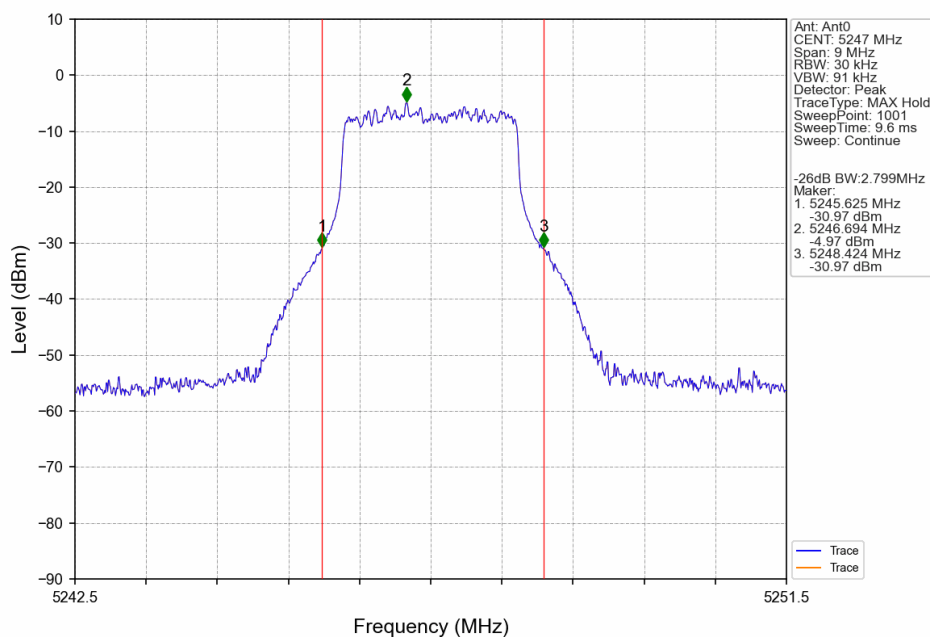
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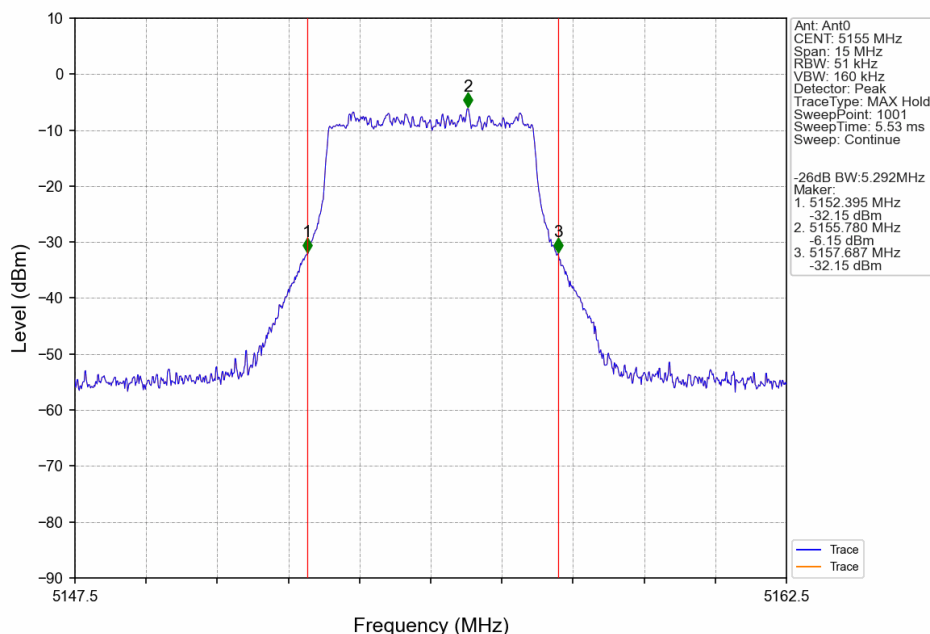
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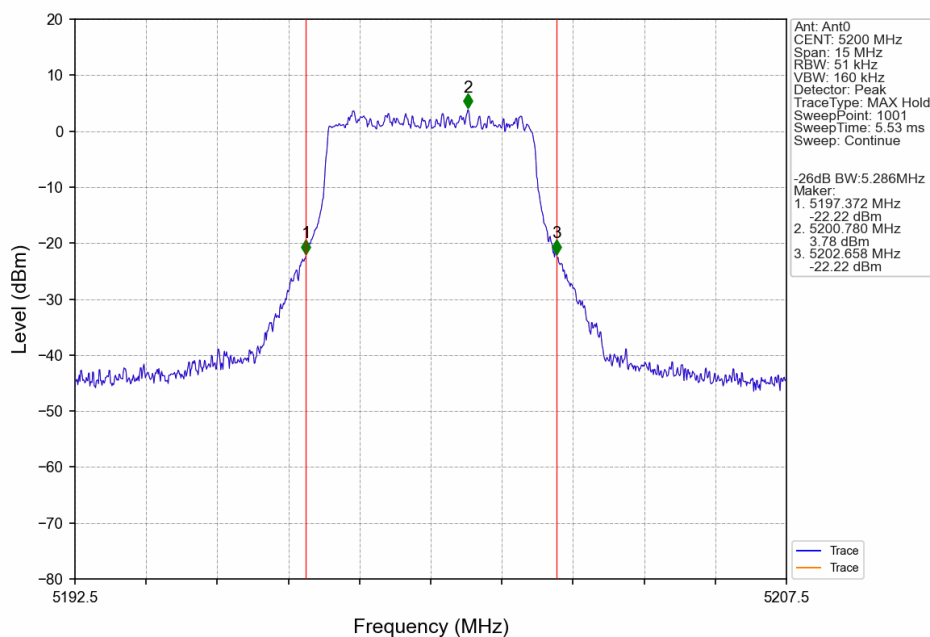
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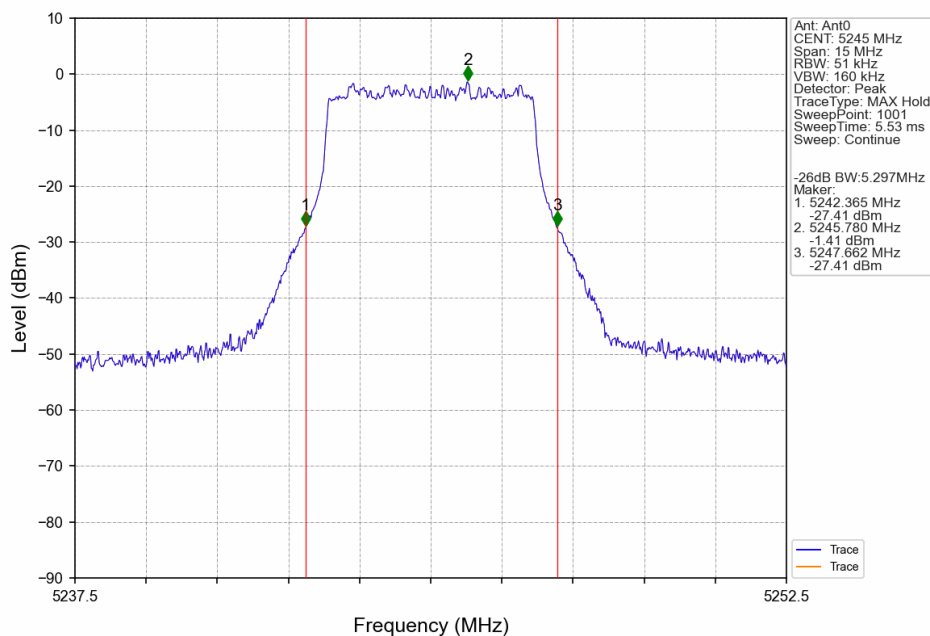
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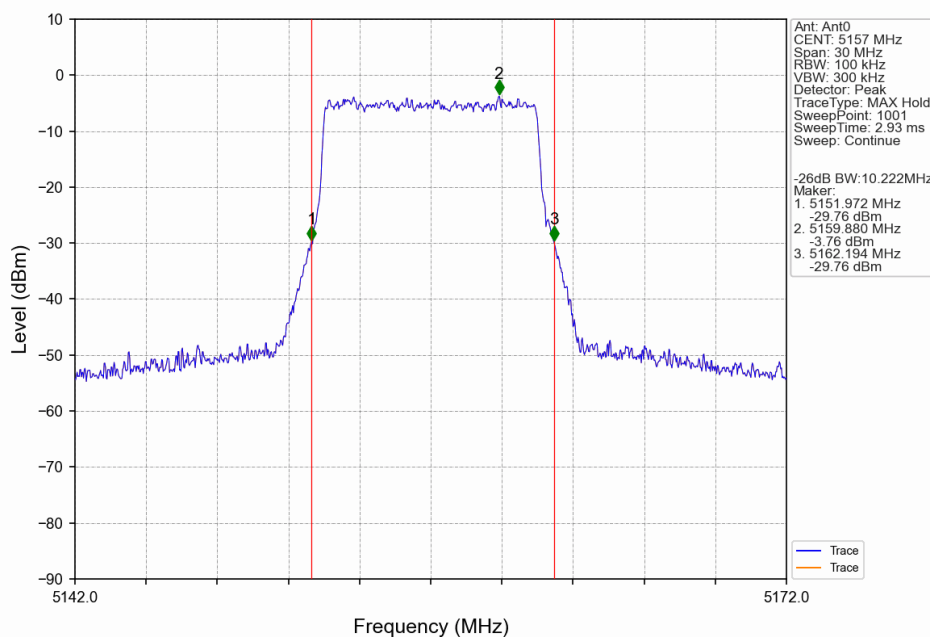
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5M_HCH_5245MHz_Ant0_NTNV



10M_LCH_5157MHz_Ant0_NTNV



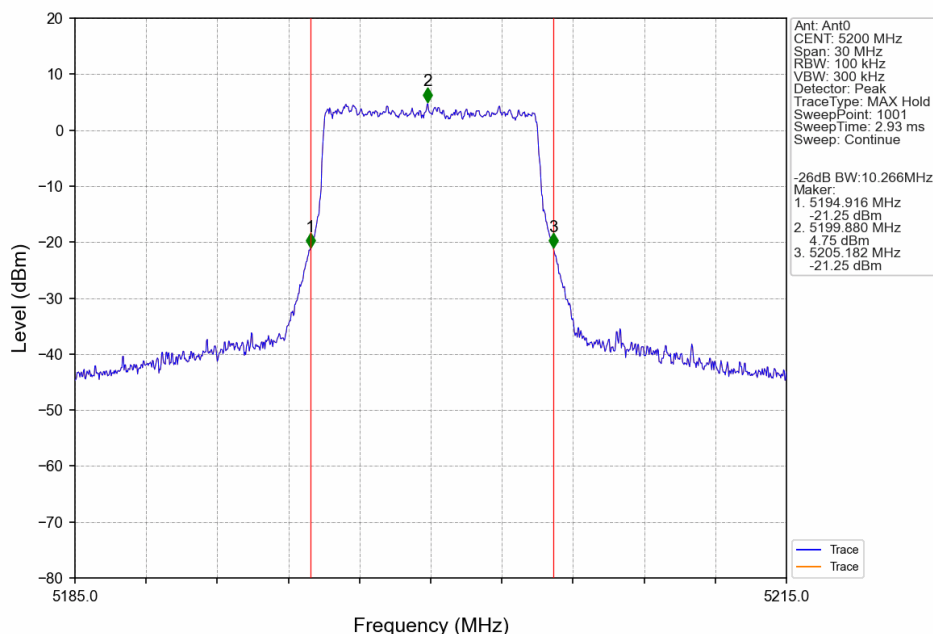
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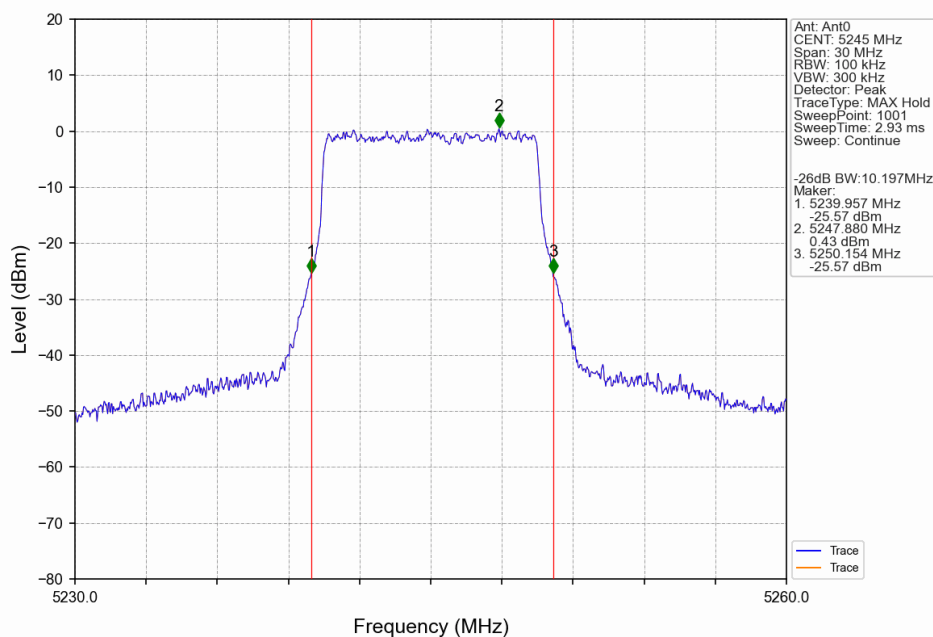
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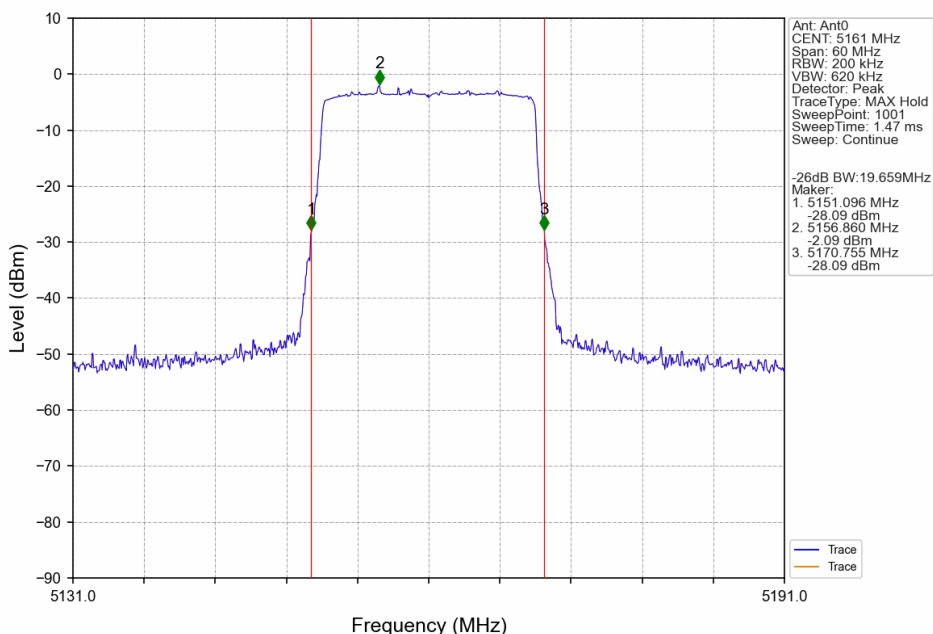
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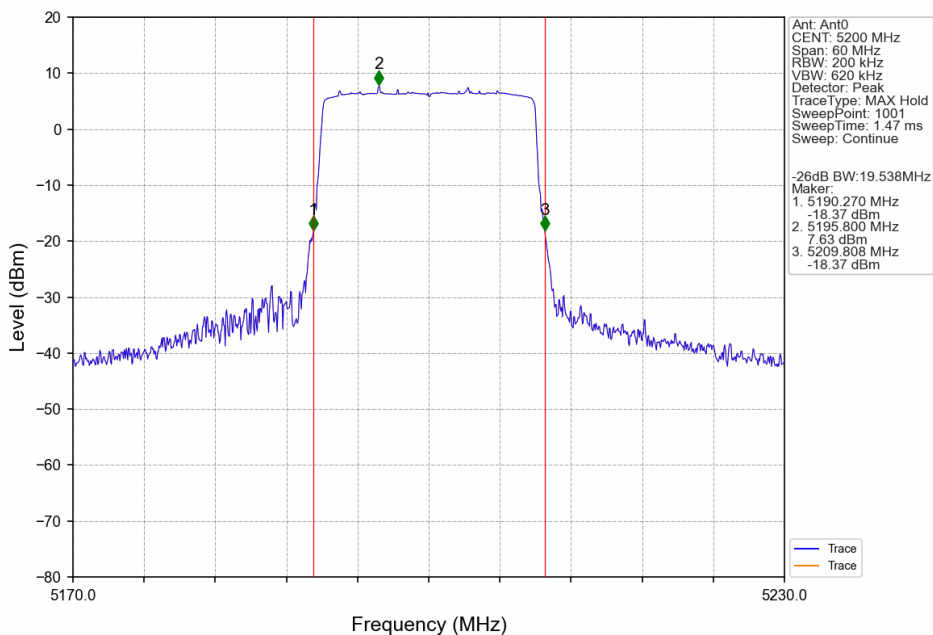
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20M_LCH_5161MHz_Ant0_NTNV



20M_MCH_5200MHz_Ant0_NTNV



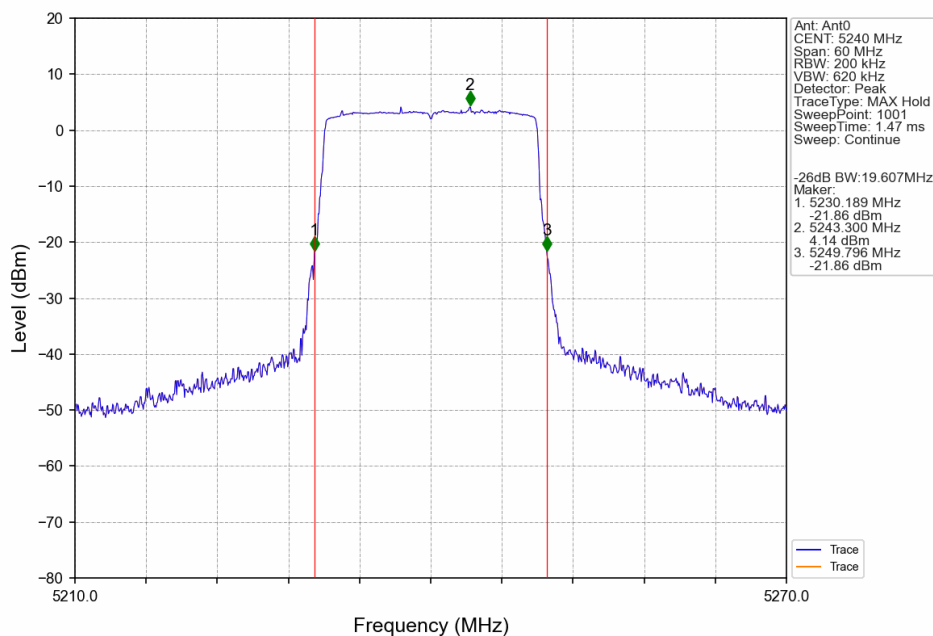
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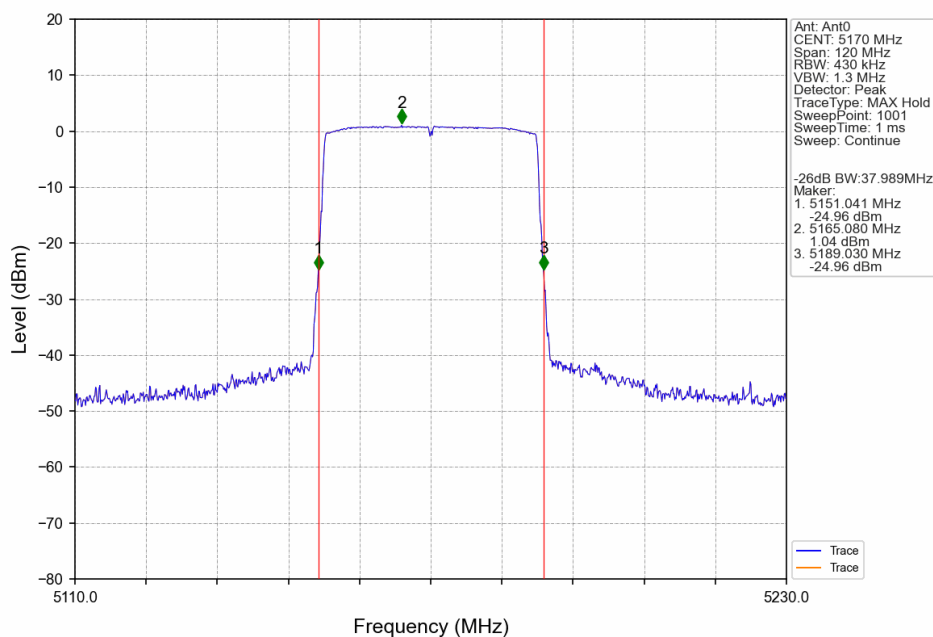
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20M_HCH_5240MHz_Ant0_NTNV



40M_LCH_5170MHz_Ant0_NTNV



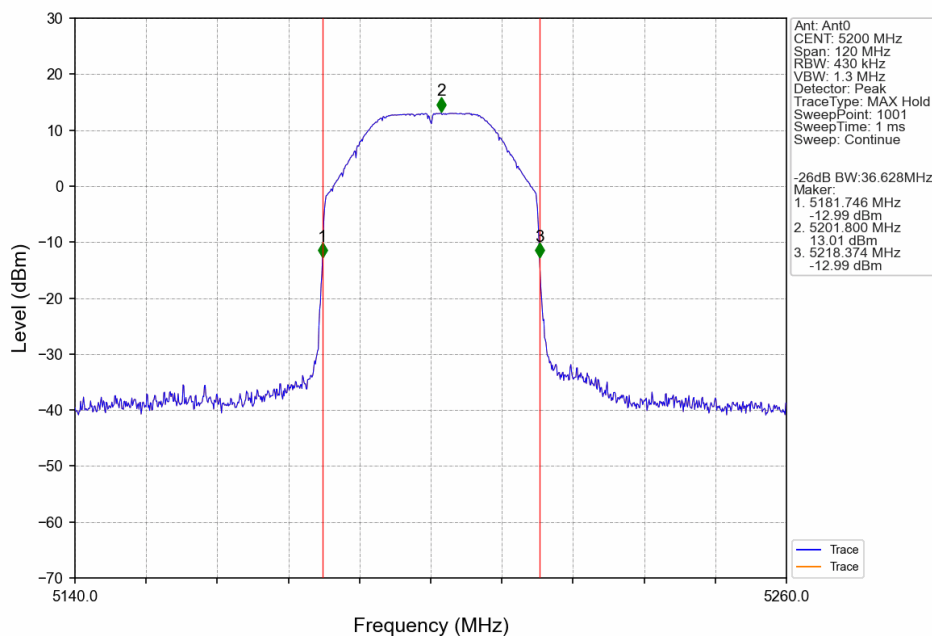
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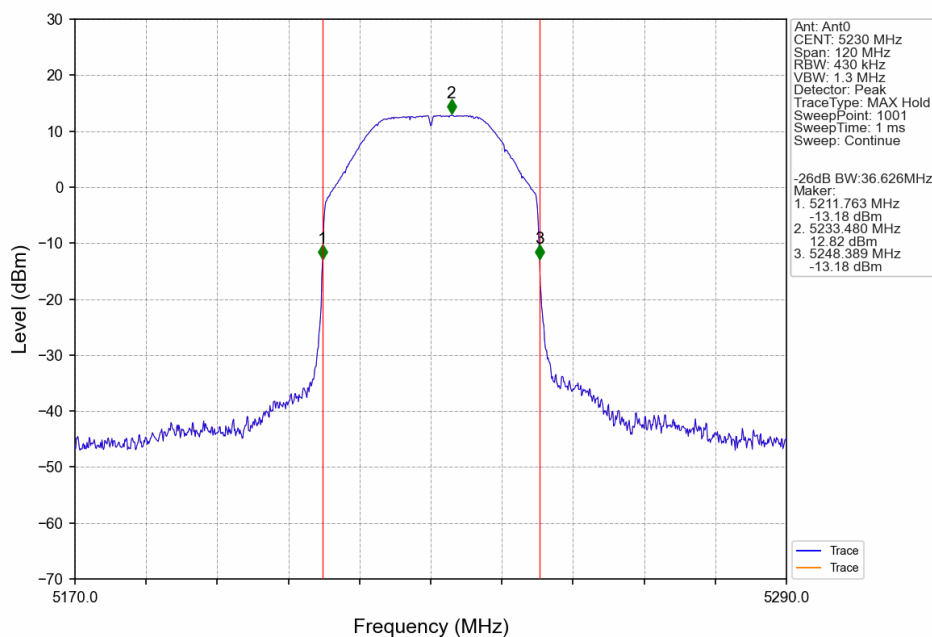
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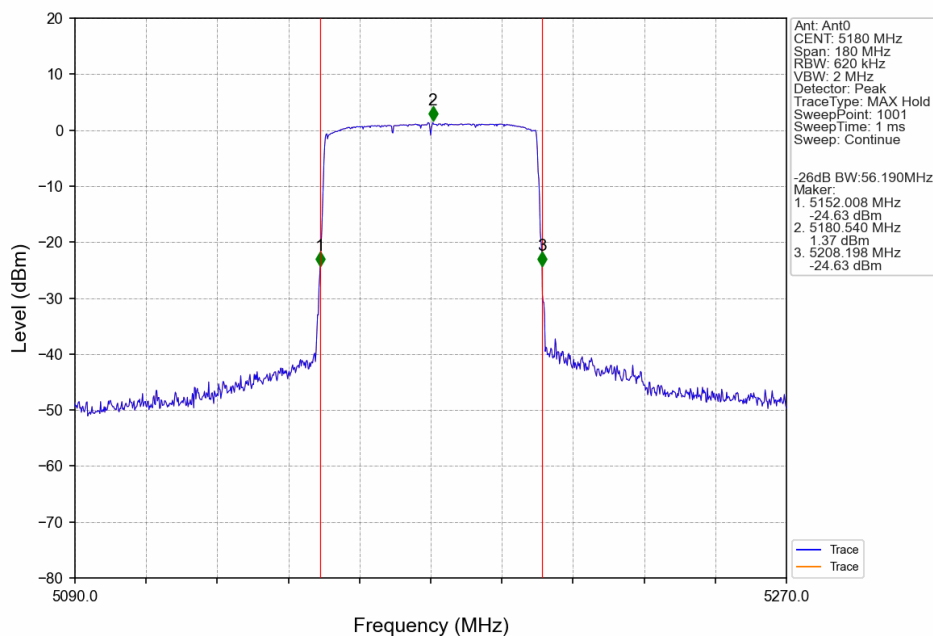
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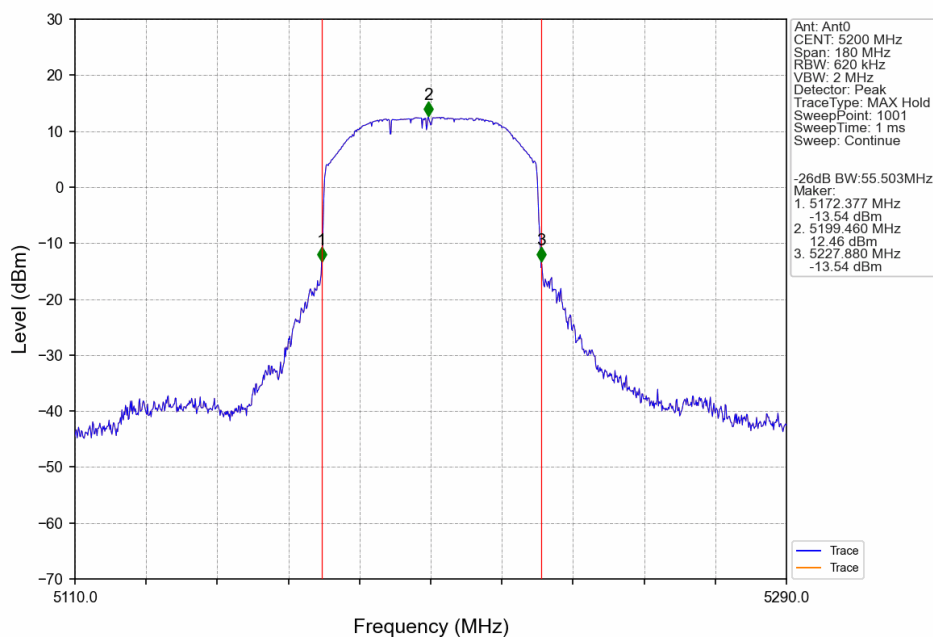
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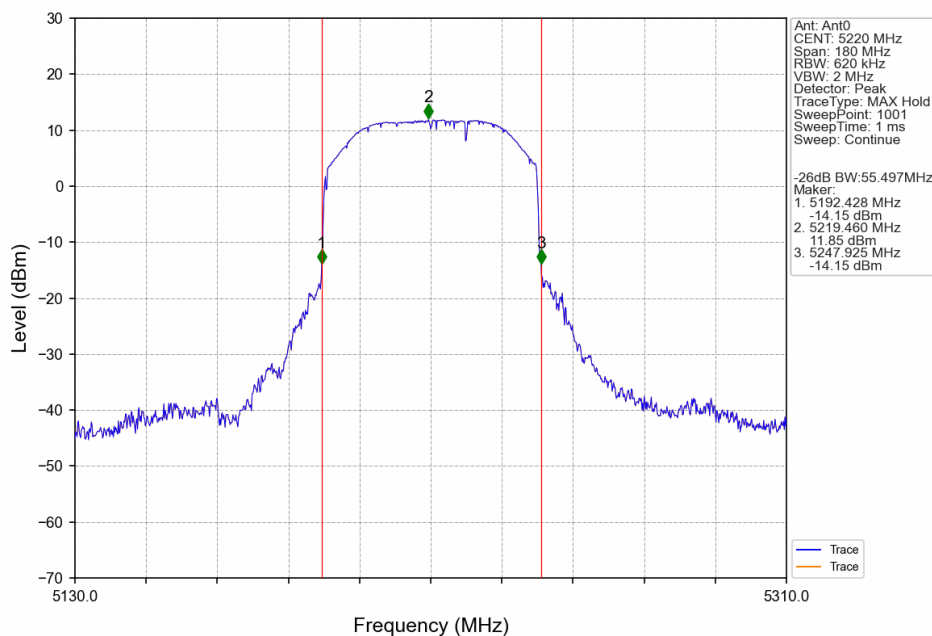
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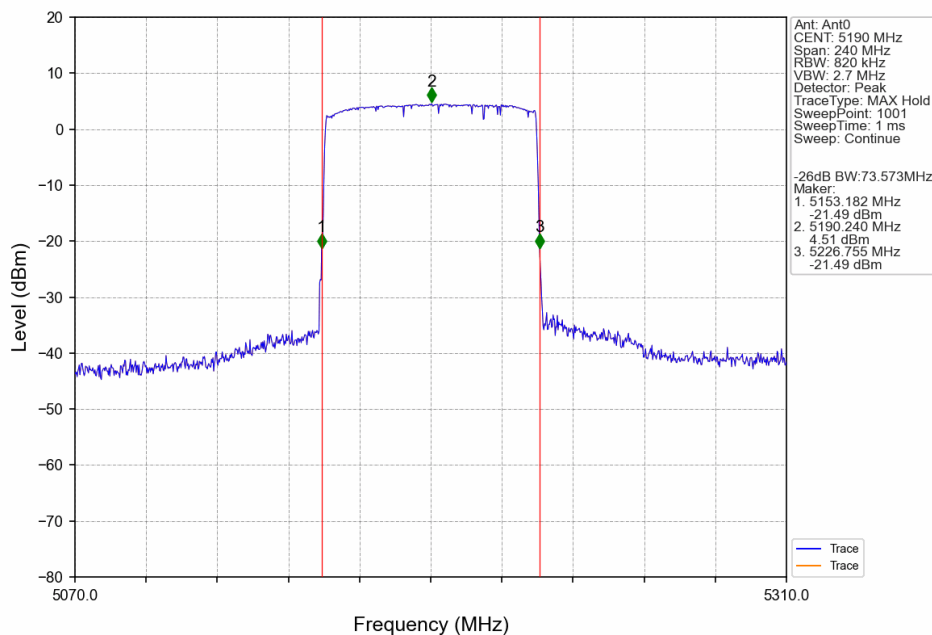
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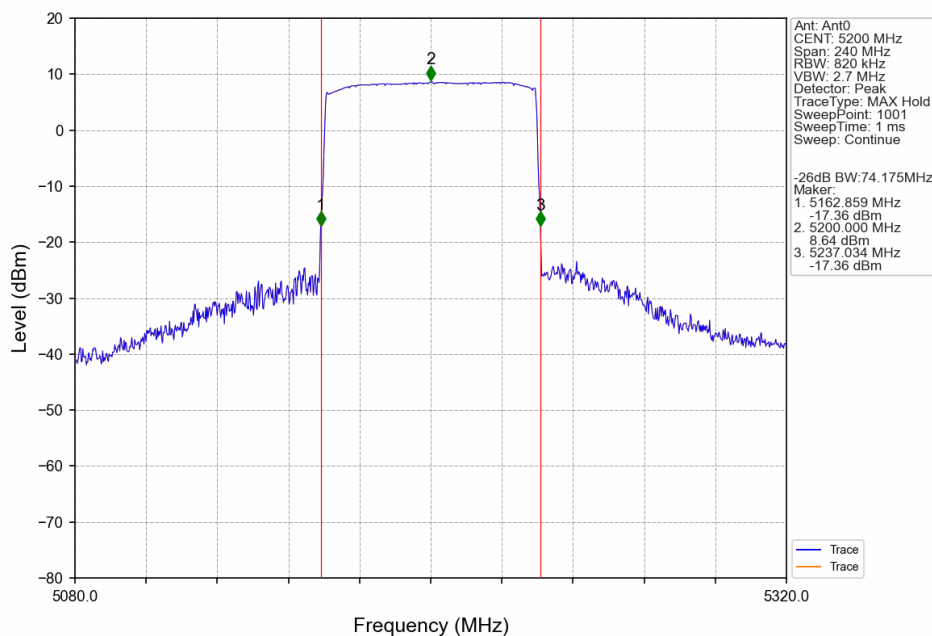
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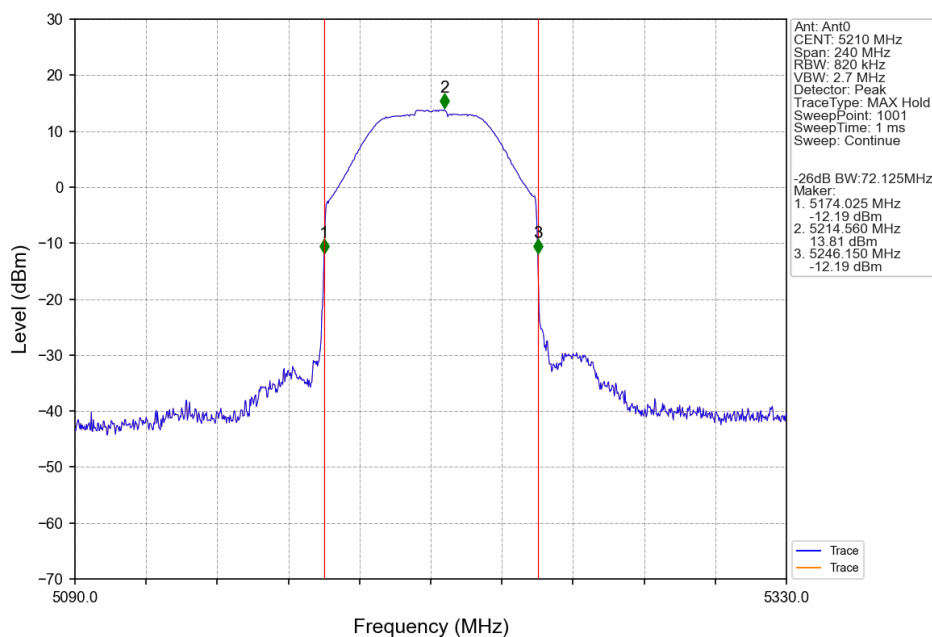
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80M_MCH_5200MHz_Ant0_NTNV



80M_HCH_5210MHz_Ant0_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	5154	0.25	-0.60	2.86	≤ 23.98	Pass
		5200	6.68	5.66	9.21	≤ 23.98	Pass
		5248	3.75	7.21	8.83	≤ 23.98	Pass
3M	MIMO	5154	-0.21	-1.40	2.25	≤ 23.98	Pass
		5199	9.52	8.94	12.25	≤ 23.98	Pass
		5247	7.28	10.92	12.48	≤ 23.98	Pass
5M	MIMO	5155	2.77	1.43	5.16	≤ 23.98	Pass
		5200	13.36	12.80	16.10	≤ 23.98	Pass
		5245	10.34	13.47	15.19	≤ 23.98	Pass
10M	MIMO	5157	5.89	4.89	8.43	≤ 23.98	Pass
		5200	16.01	15.41	18.73	≤ 23.98	Pass
		5245	13.72	17.30	18.88	≤ 23.98	Pass
20M	MIMO	5161	6.06	5.19	8.66	≤ 23.98	Pass
		5200	16.26	15.17	18.76	≤ 23.98	Pass
		5240	15.29	17.31	19.43	≤ 23.98	Pass
40M	MIMO	5170	9.37	7.75	11.65	≤ 23.98	Pass
		5200	16.66	16.24	19.47	≤ 23.98	Pass
		5230	16.31	16.04	19.19	≤ 23.98	Pass
60M	MIMO	5180	10.04	8.47	12.34	≤ 23.98	Pass
		5200	15.84	15.40	18.64	≤ 23.98	Pass
		5220	15.75	14.90	18.36	≤ 23.98	Pass
80M	MIMO	5190	11.13	11.63	14.40	≤ 23.98	Pass
		5200	16.22	15.82	19.03	≤ 23.98	Pass
		5210	16.46	15.59	19.06	≤ 23.98	Pass

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD



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SZEMC-TRF-01 Rev. A/1

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Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	5154	1.07	0.35	3.69	<=11	Pass
		5200	7.80	6.72	10.12	<=11	Pass
		5248	4.65	8.11	9.63	<=11	Pass
3M	MIMO	5154	-2.32	-3.45	0.09	<=11	Pass
		5199	7.49	6.92	10.20	<=11	Pass
		5247	5.26	8.75	10.27	<=11	Pass
5M	MIMO	5155	-2.60	-3.89	-0.28	<=11	Pass
		5200	8.19	7.59	10.73	<=11	Pass
		5245	4.99	8.15	9.76	<=11	Pass
10M	MIMO	5157	-2.69	-3.66	-0.31	<=11	Pass
		5200	7.39	6.78	9.95	<=11	Pass
		5245	5.08	8.76	10.20	<=11	Pass
20M	MIMO	5161	-5.57	-6.33	-2.96	<=11	Pass
		5200	4.95	3.89	7.32	<=11	Pass
		5240	4.30	6.14	8.17	<=11	Pass
40M	MIMO	5170	-4.86	-6.72	-2.91	<=11	Pass
		5200	2.84	2.40	5.58	<=11	Pass
		5230	2.42	2.28	5.00	<=11	Pass
60M	MIMO	5180	-6.14	-7.04	-3.64	<=11	Pass
		5200	0.38	-0.58	2.66	<=11	Pass
		5220	0.32	-1.00	2.51	<=11	Pass
80M	MIMO	5190	-5.95	-5.08	-2.74	<=11	Pass
		5200	-0.94	-1.06	1.81	<=11	Pass
		5210	-0.30	-0.66	2.51	<=11	Pass



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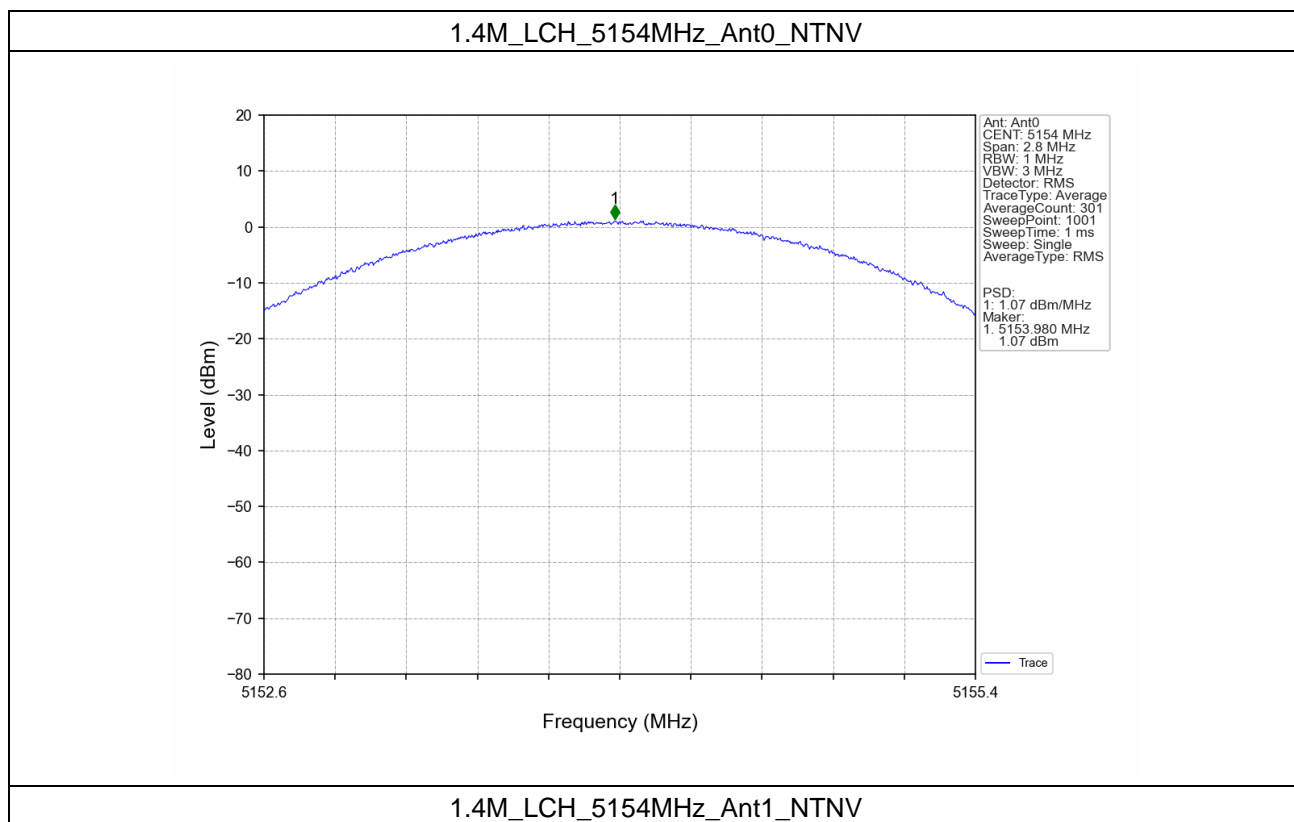
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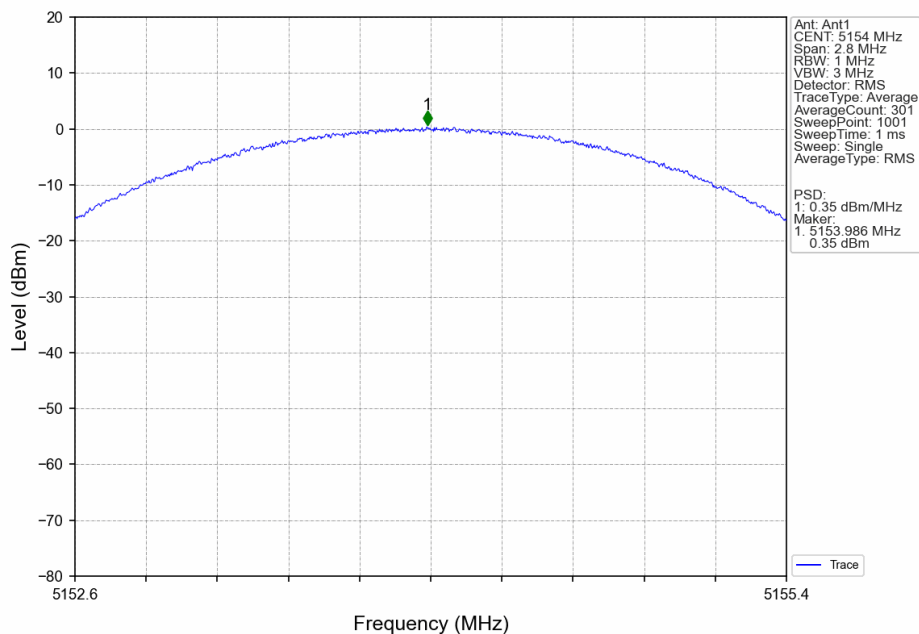
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4.2 Test Graph

4.2.1 PSD

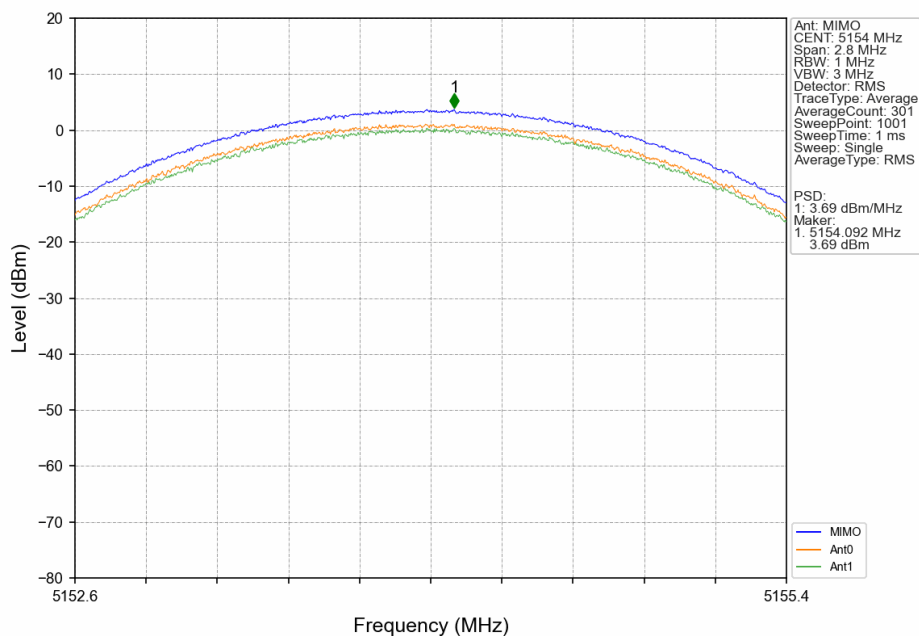




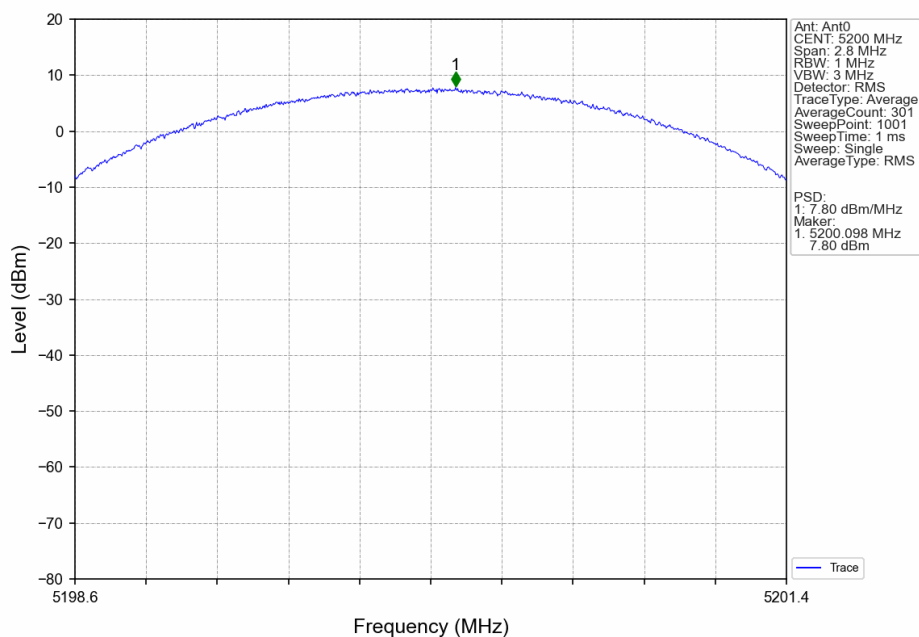
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1.4M_LCH_5154MHz_MIMO_NTNV



1.4M_MCH_5200MHz_Ant0_NTNV



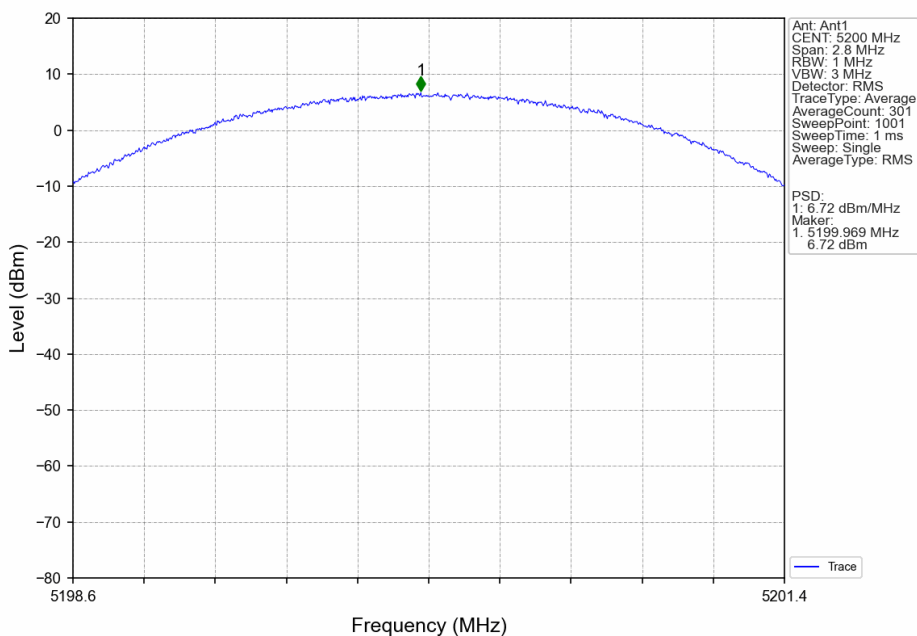
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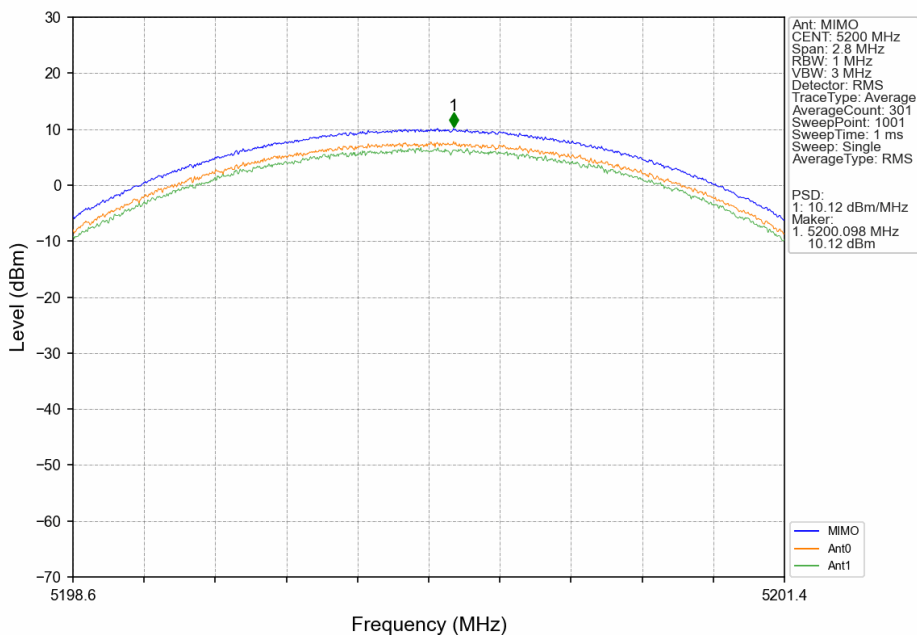
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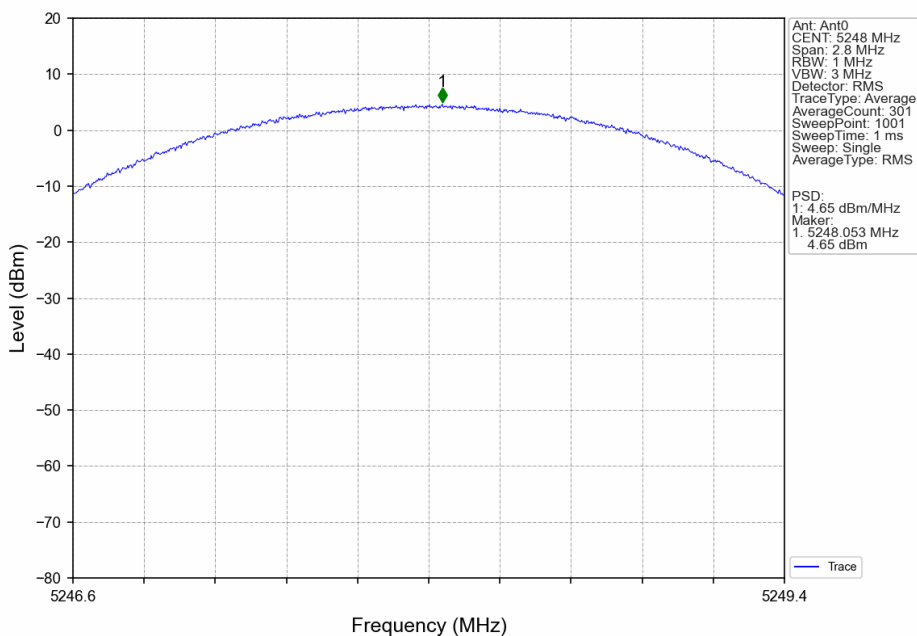
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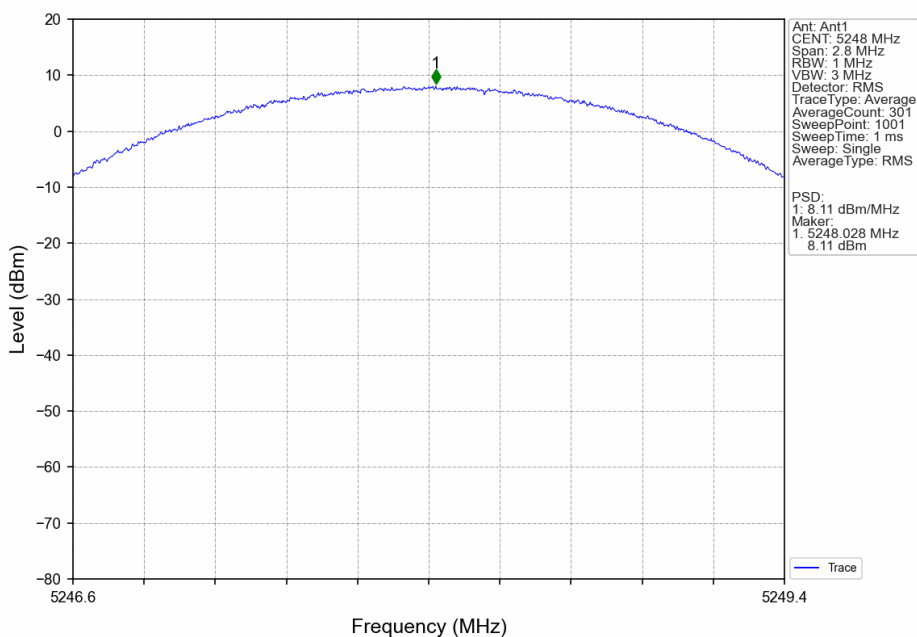
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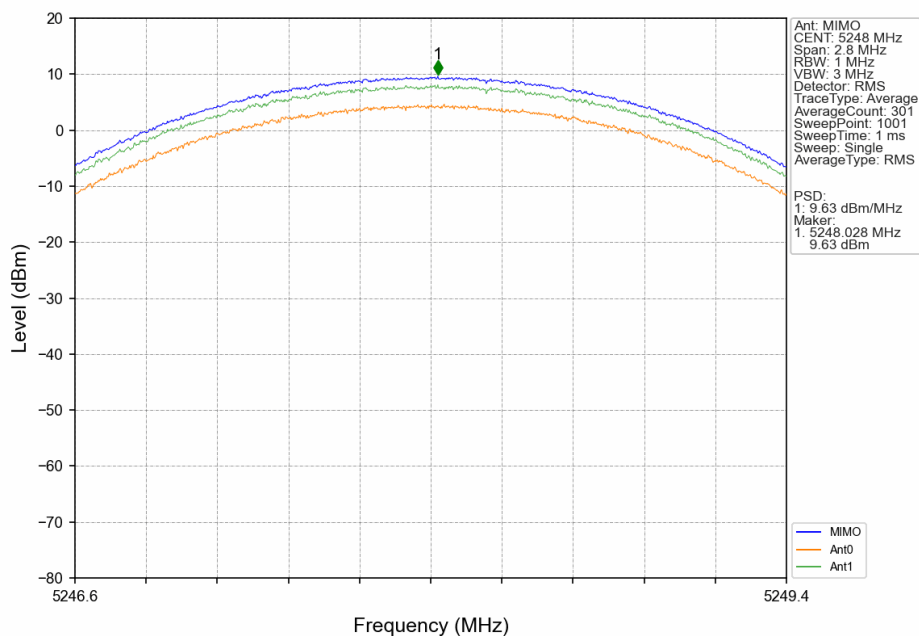
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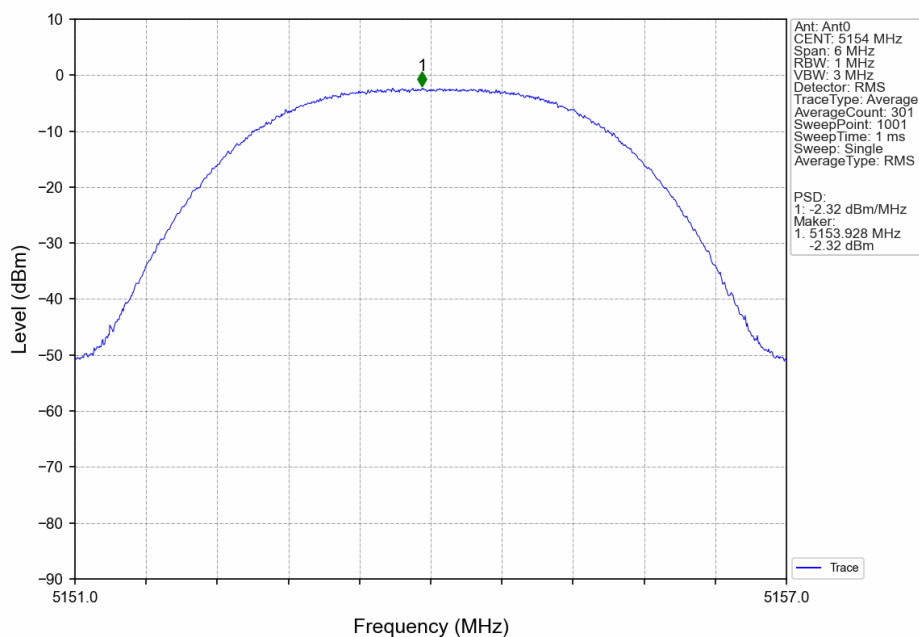
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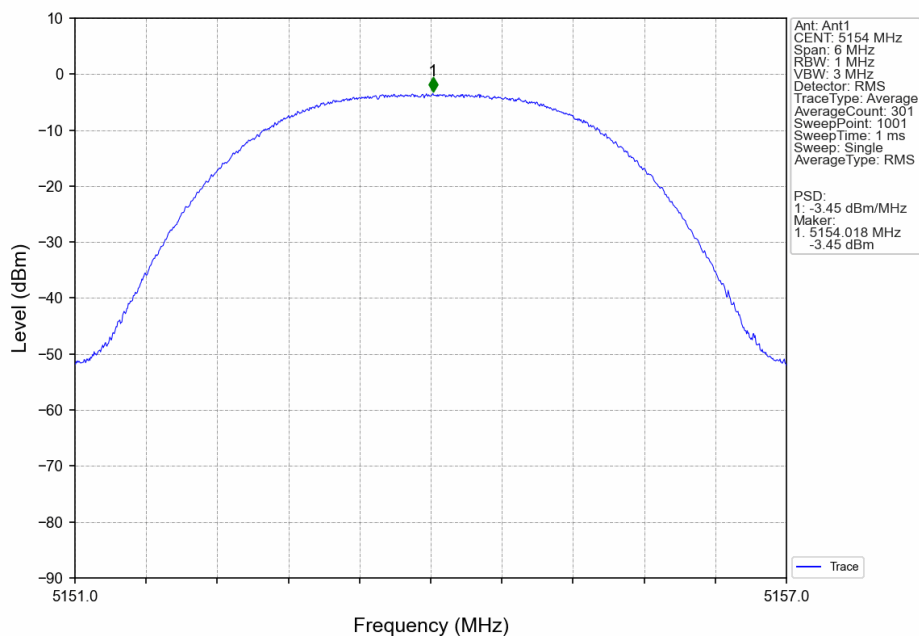
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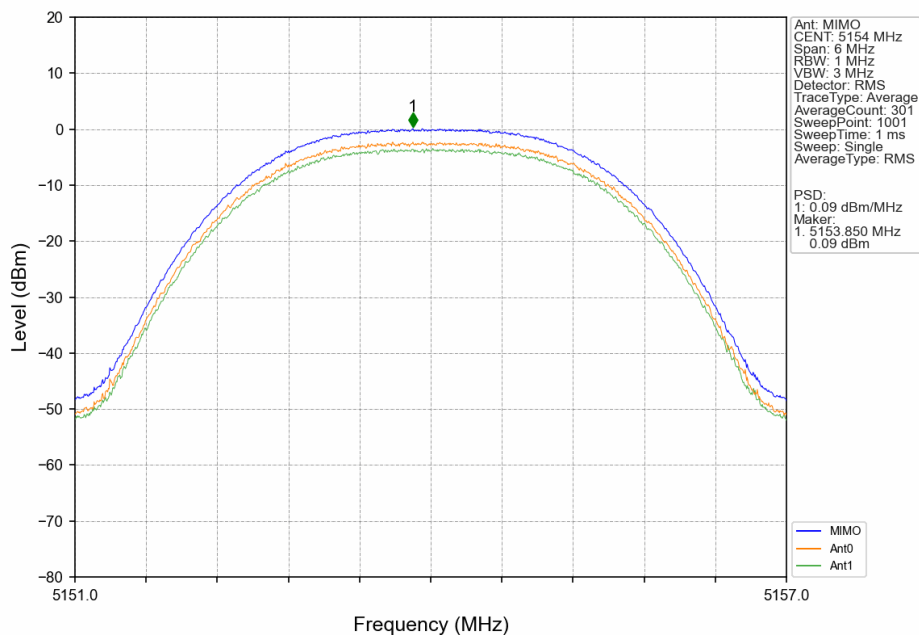
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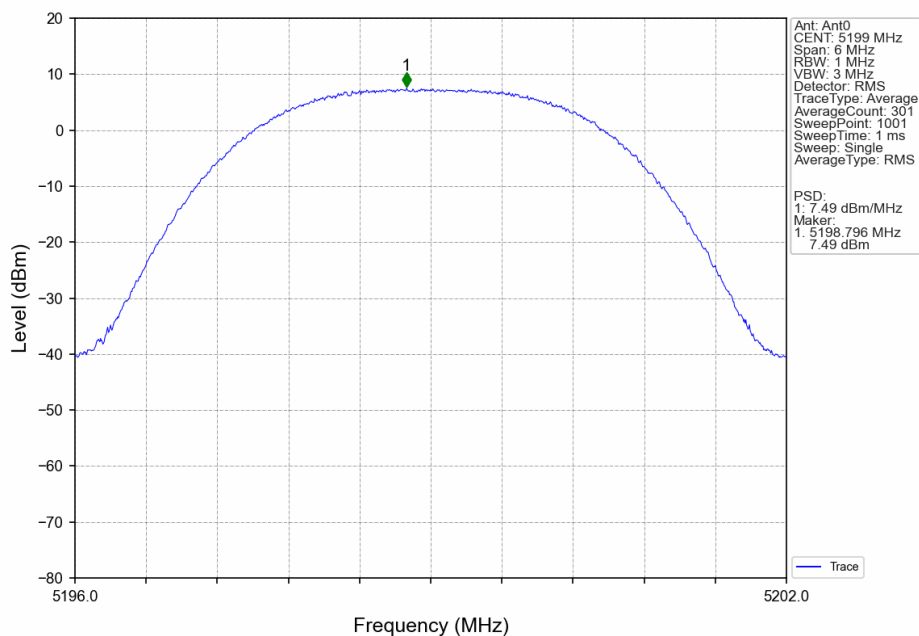
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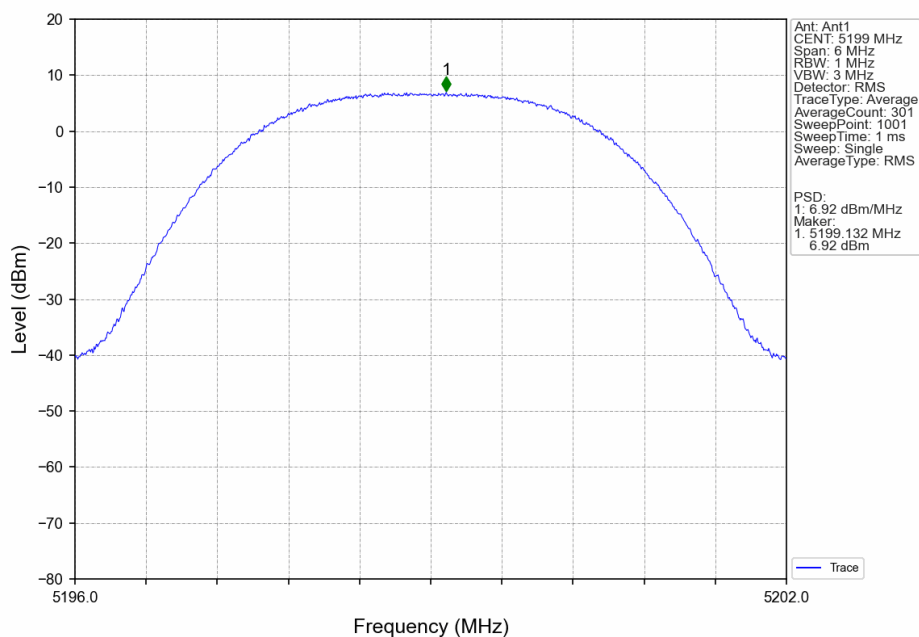
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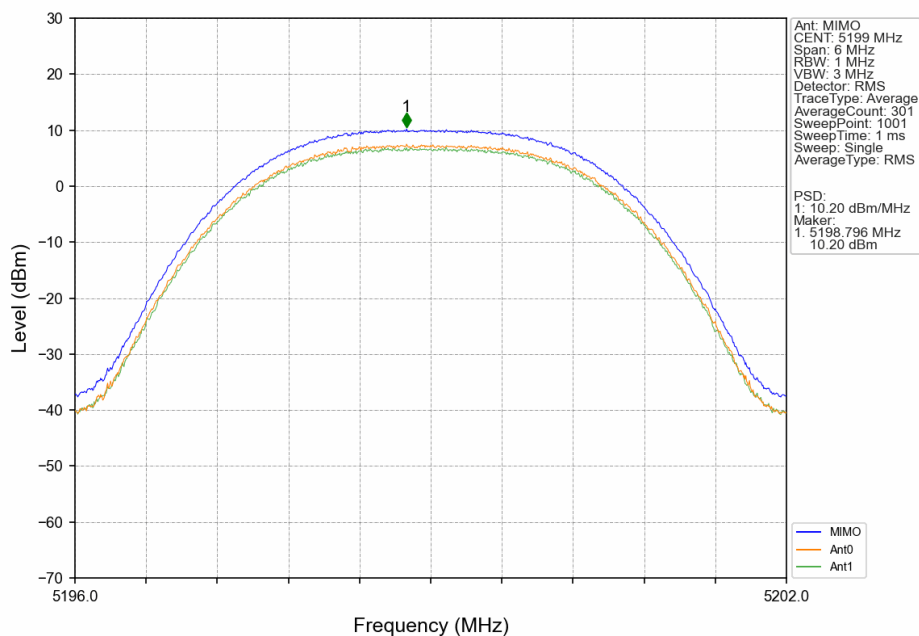
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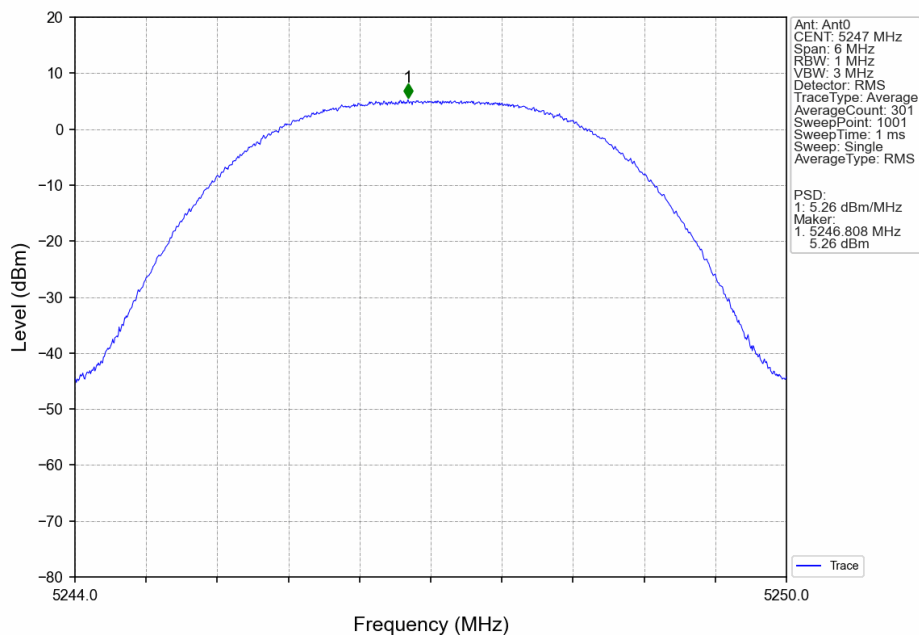
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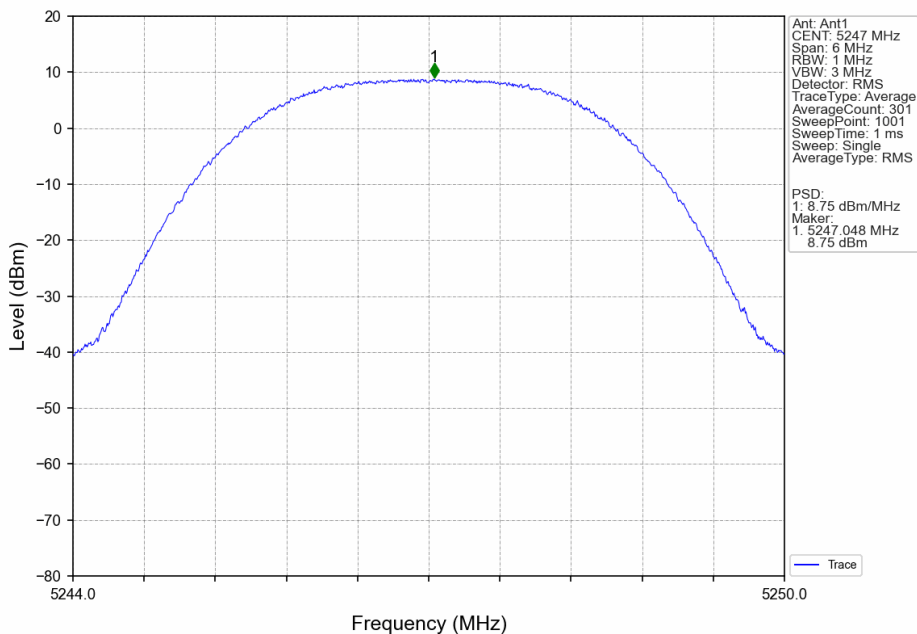
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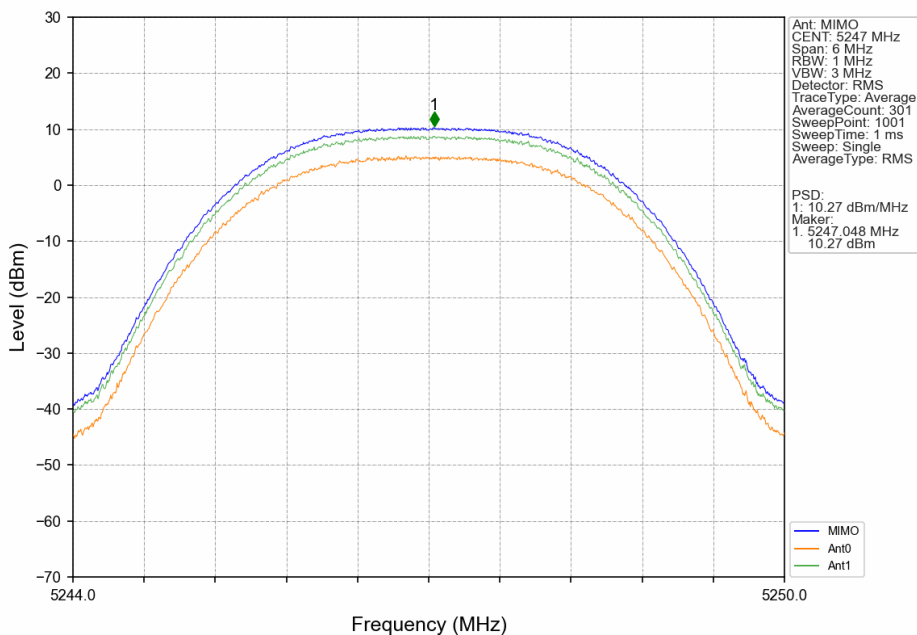
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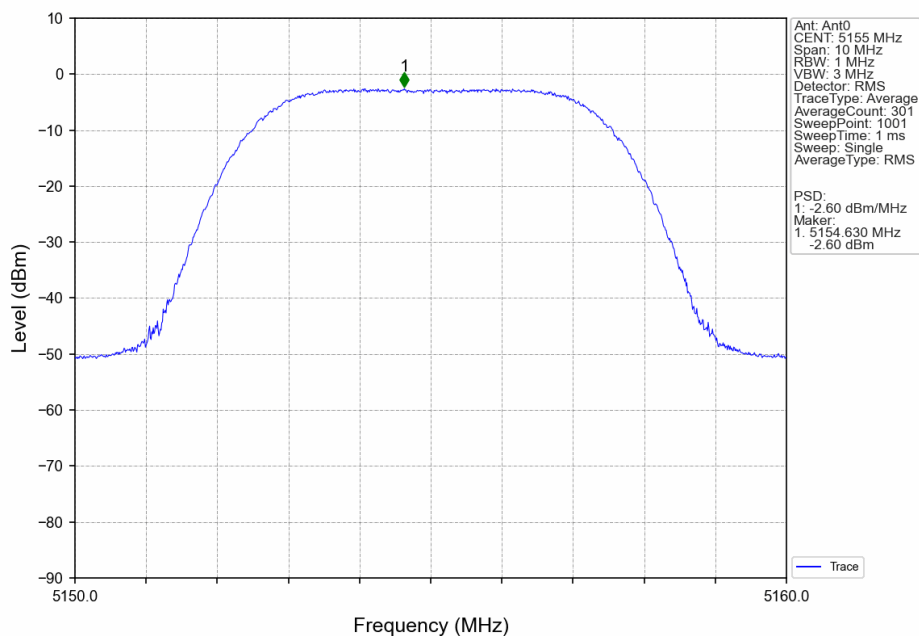
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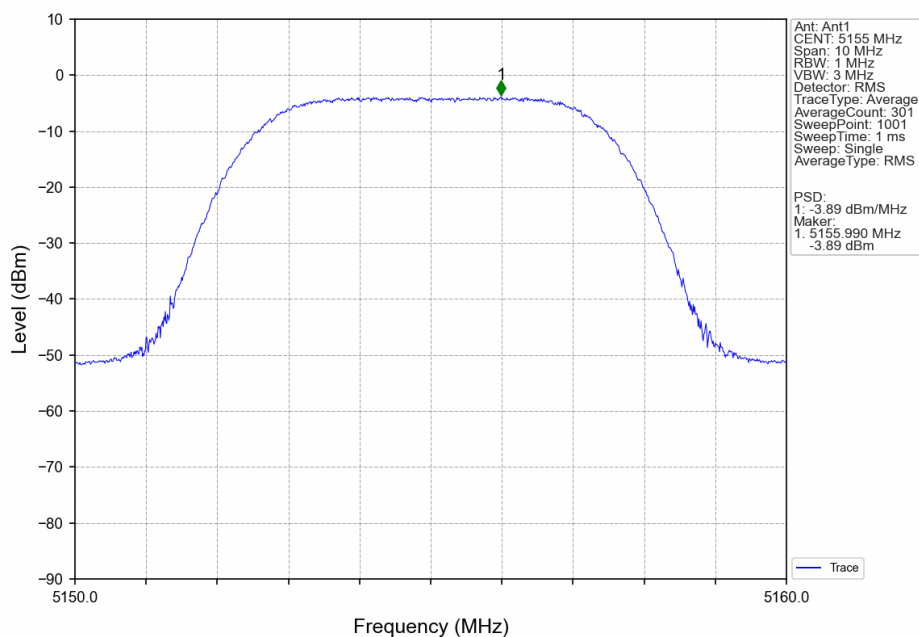
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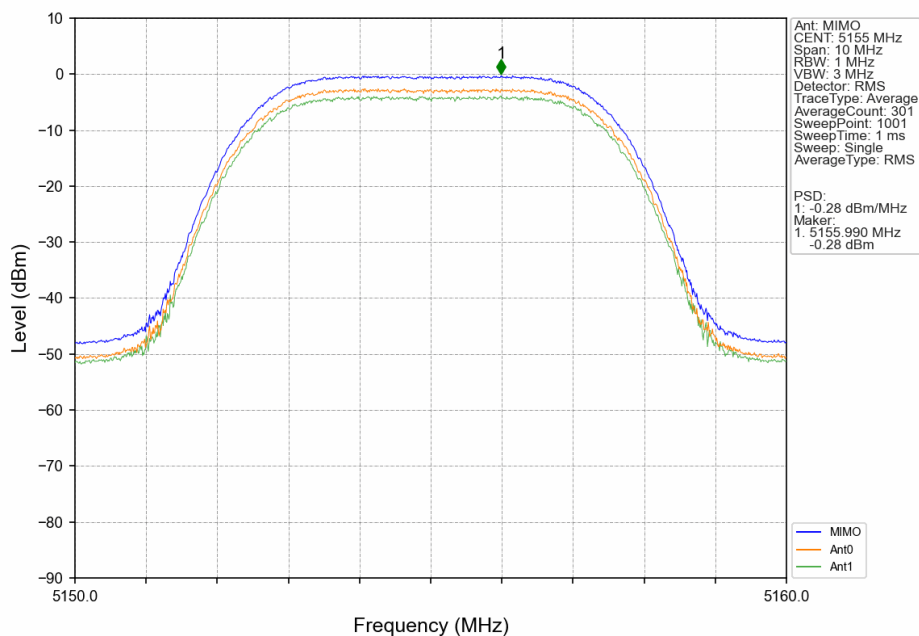
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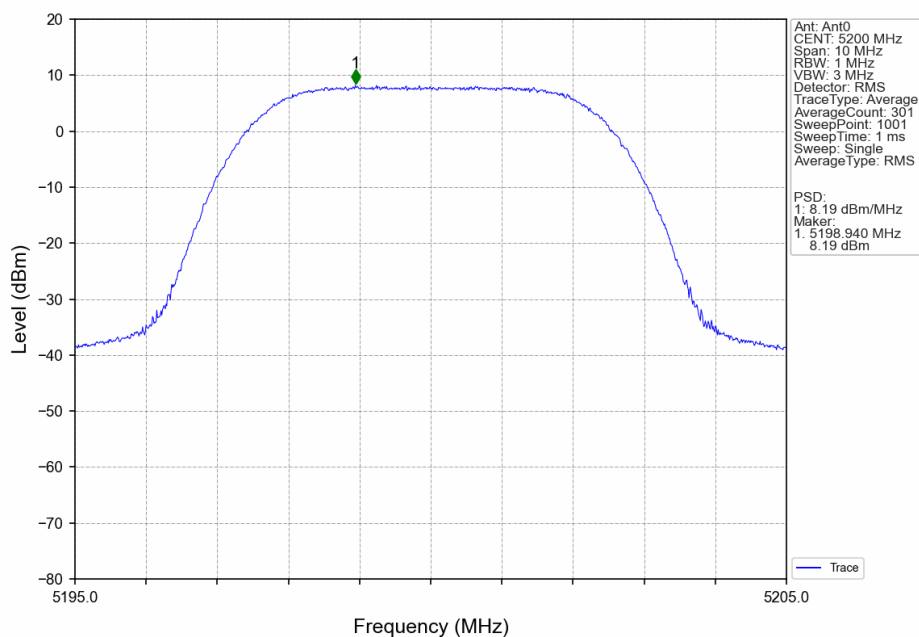
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5M_LCH_5155MHz_MIMO_NTNV



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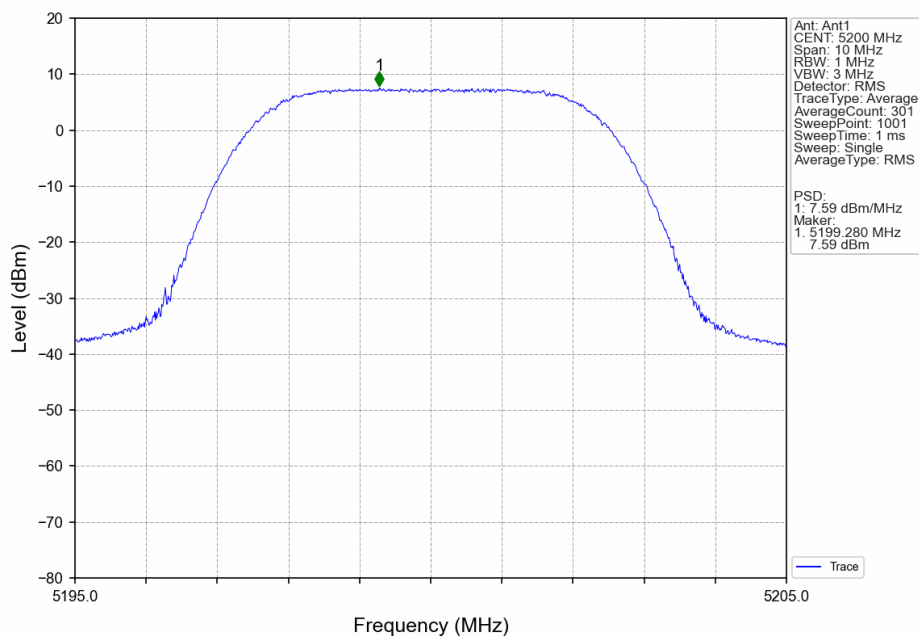
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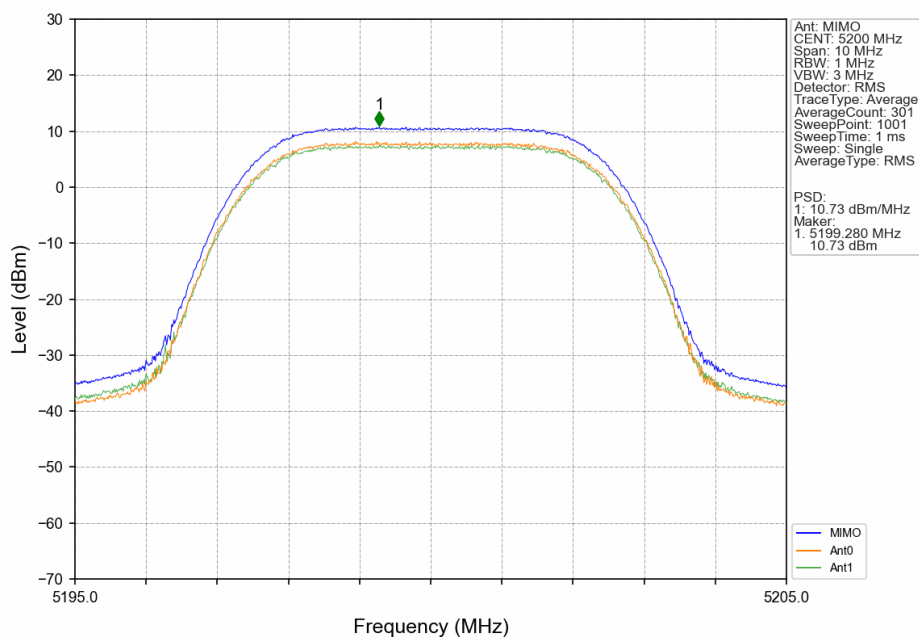
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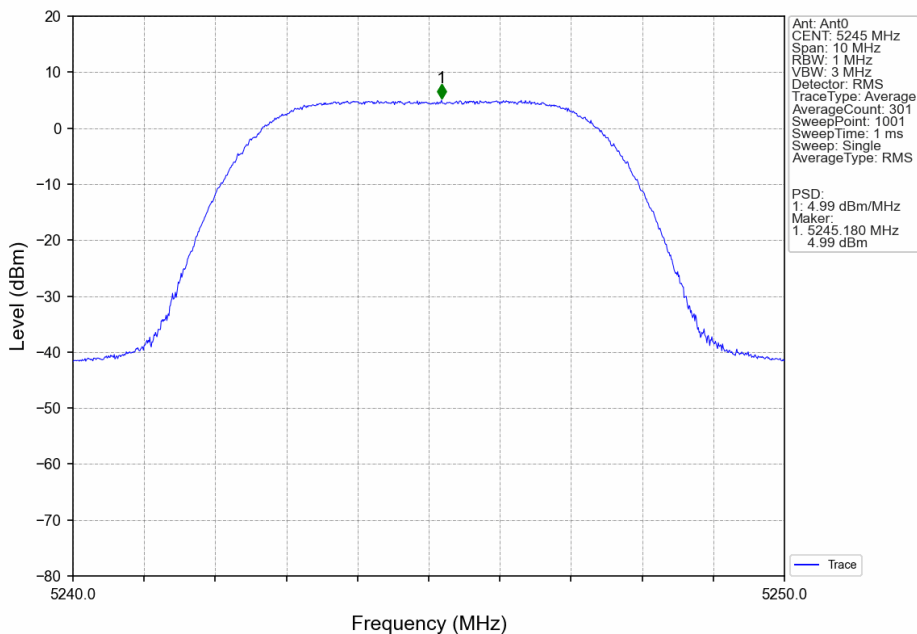
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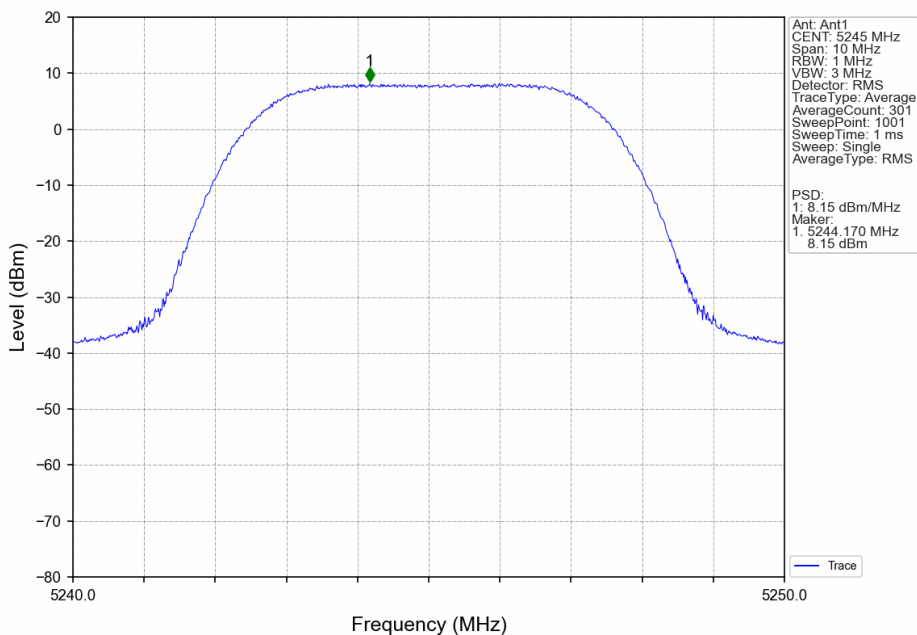
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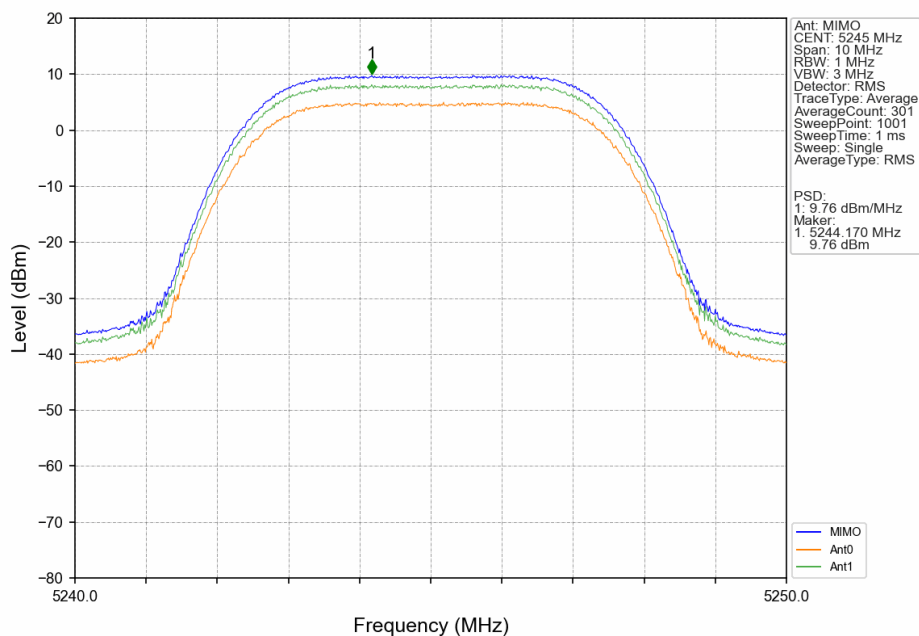
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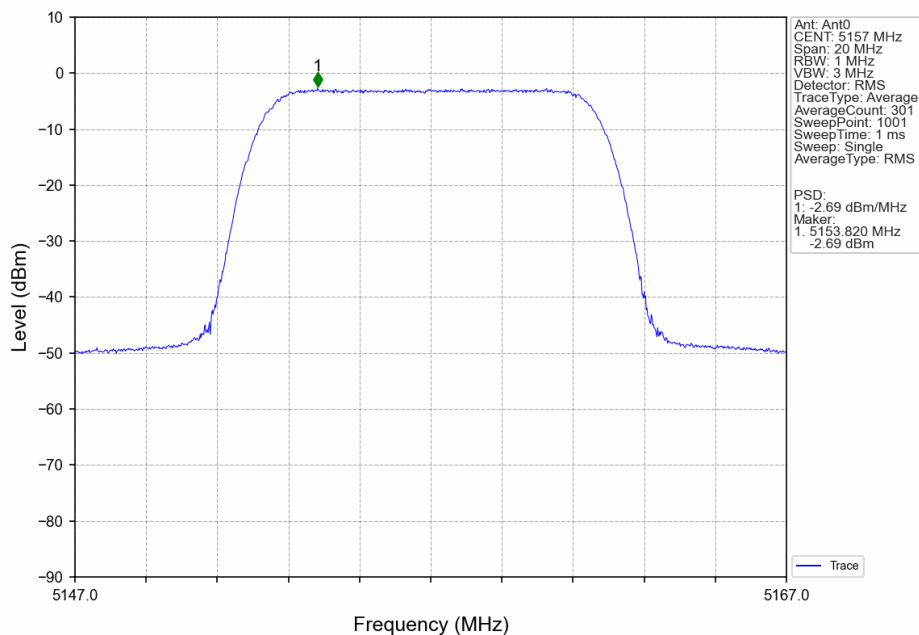
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5M_HCH_5245MHz_MIMO_NTNV



10M_LCH_5157MHz_Ant0_NTNV



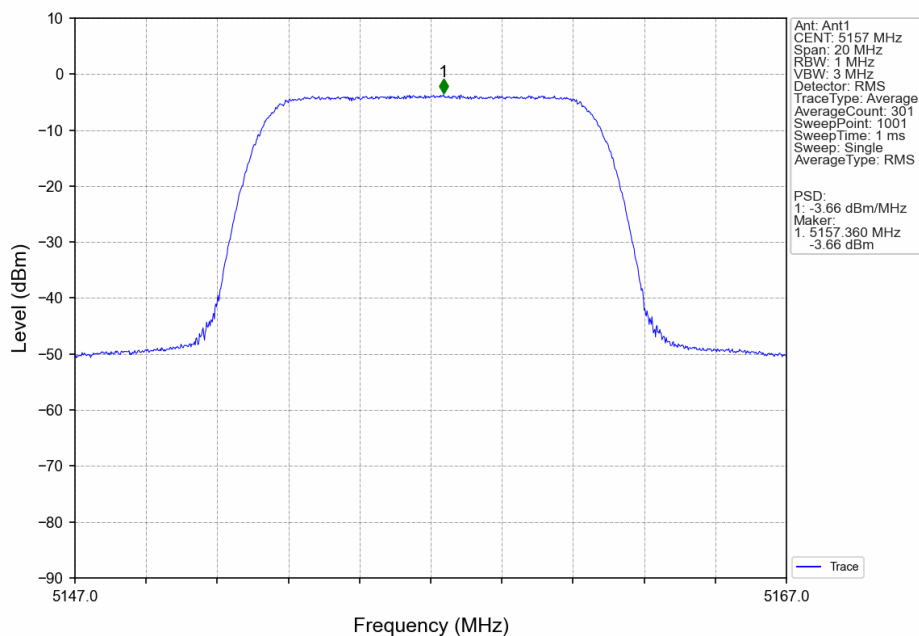
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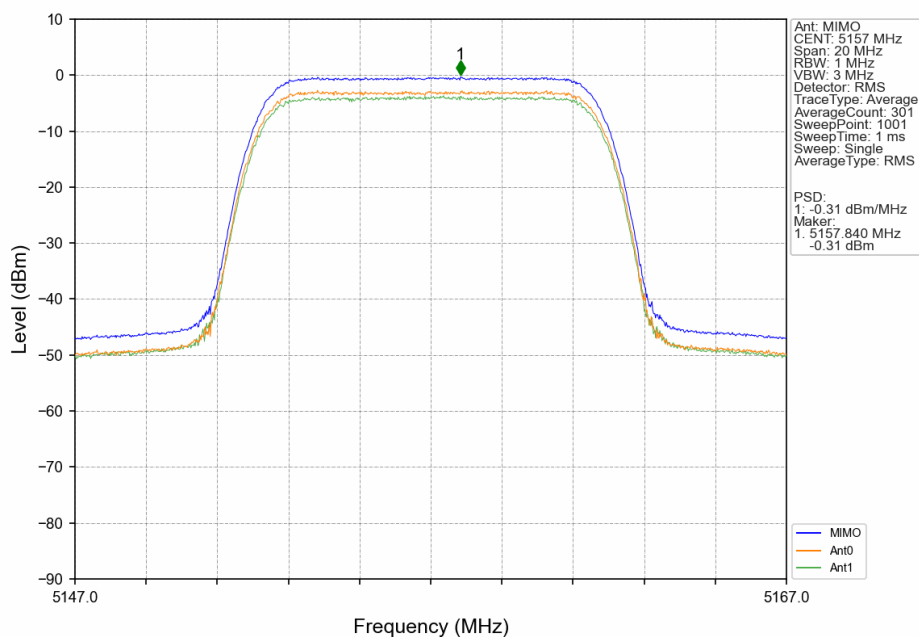
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10M_LCH_5157MHz_Ant1_NTNV



10M_LCH_5157MHz_MIMO_NTNV



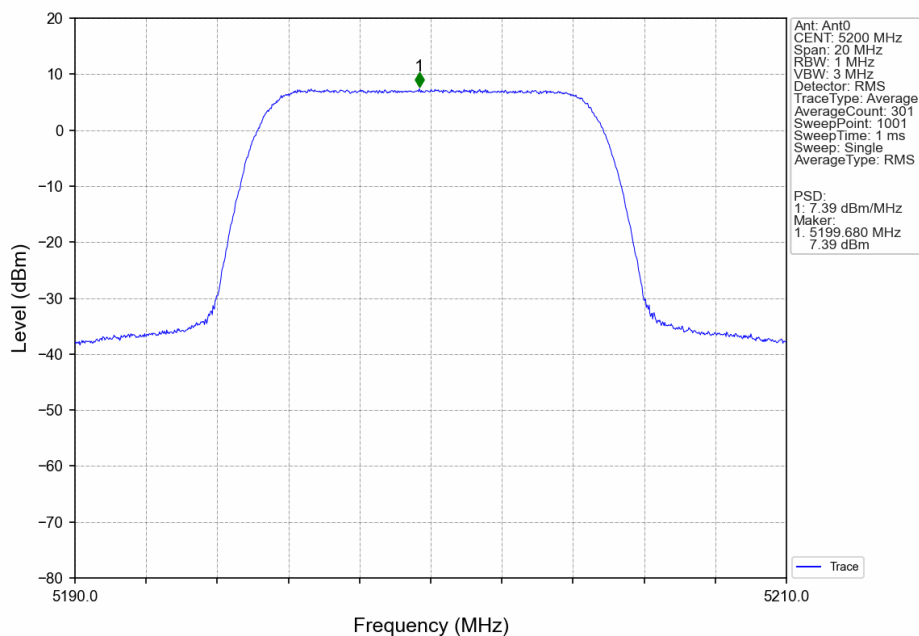
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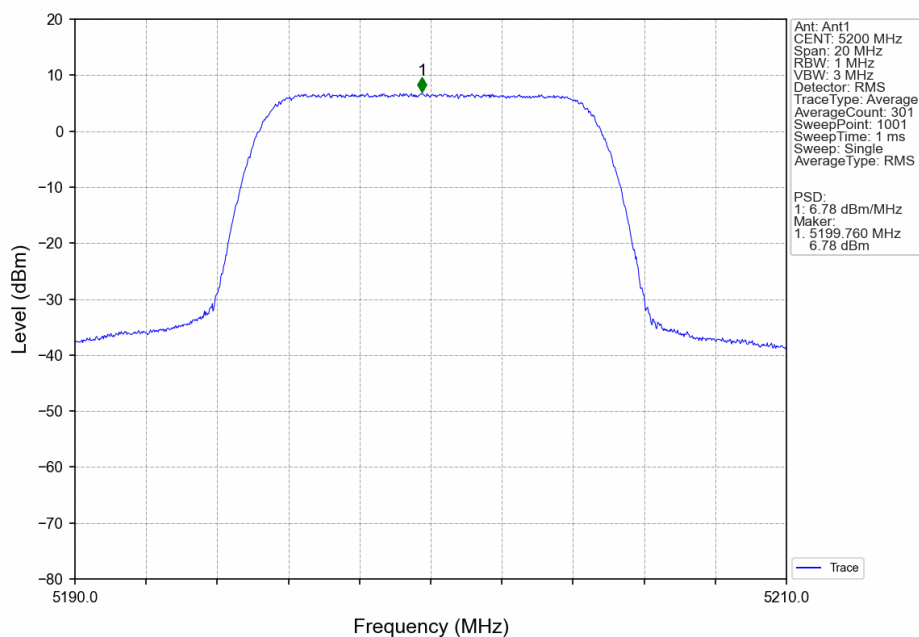
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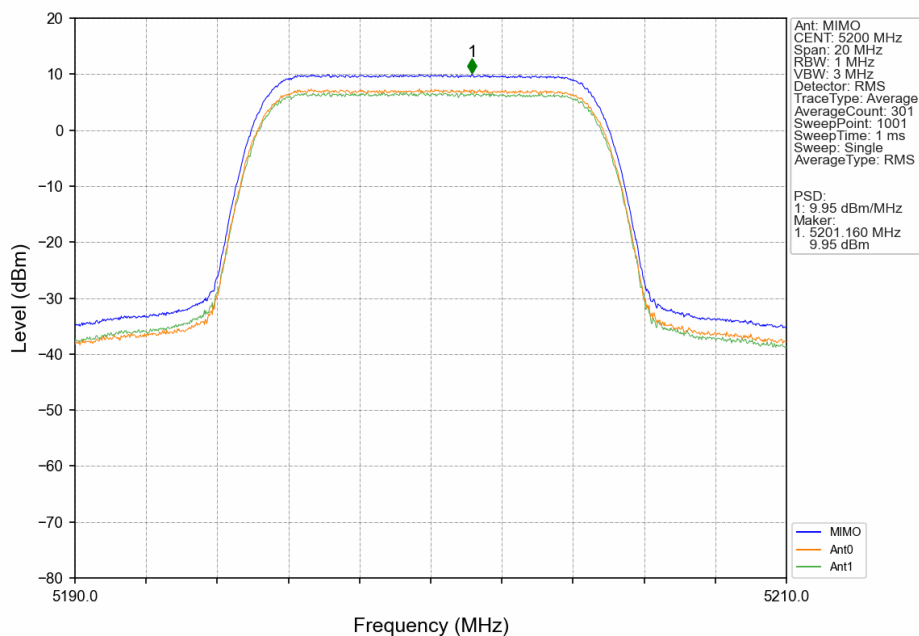
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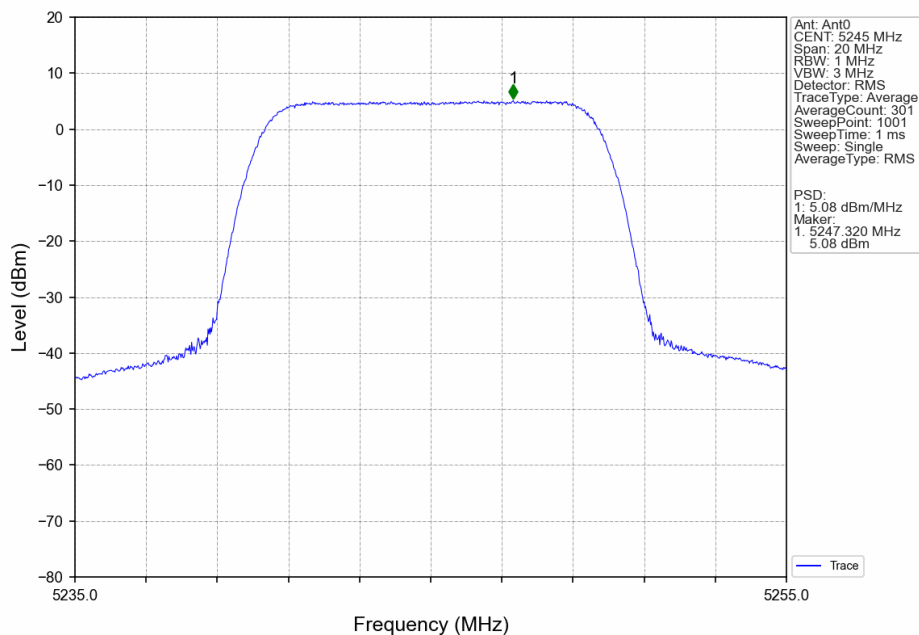
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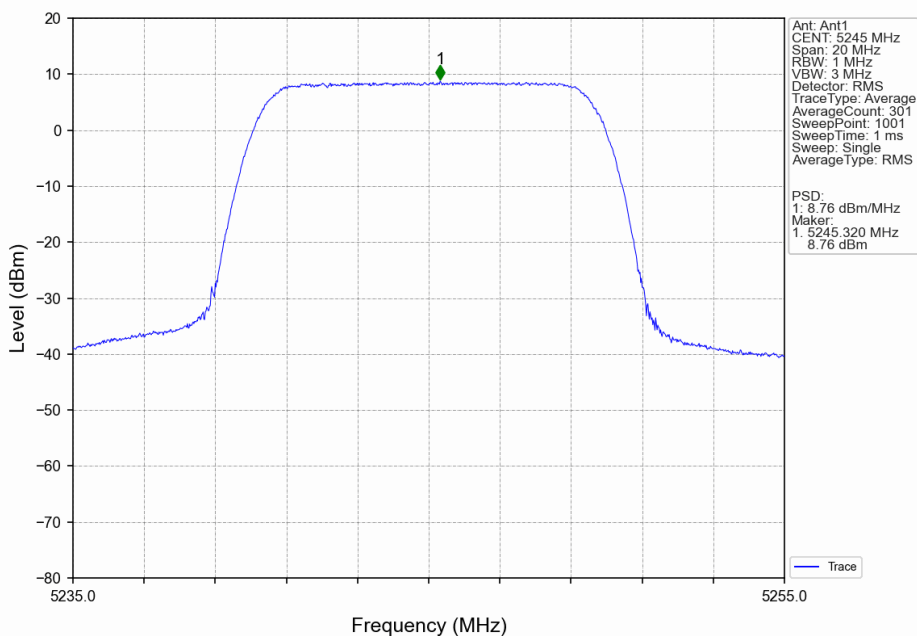
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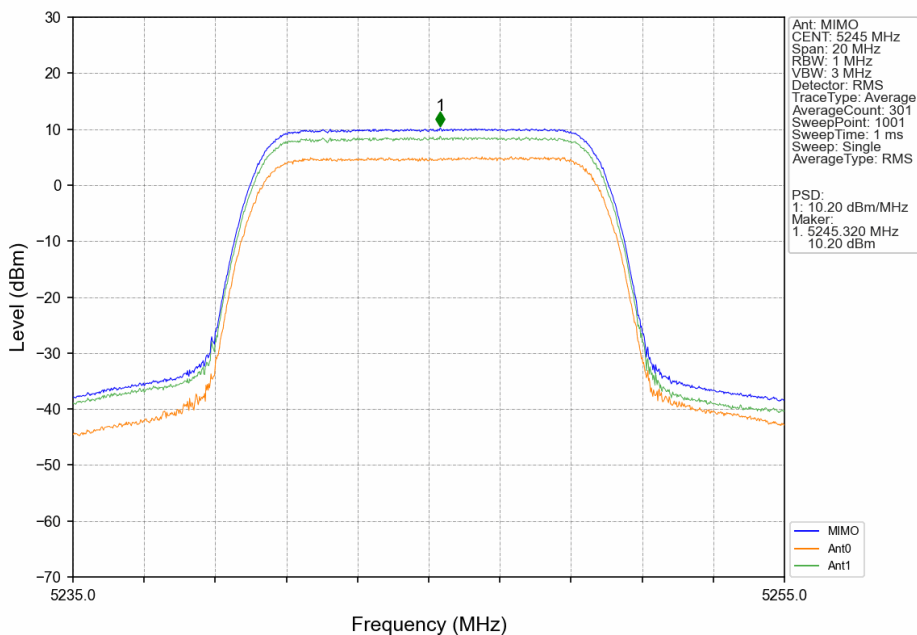
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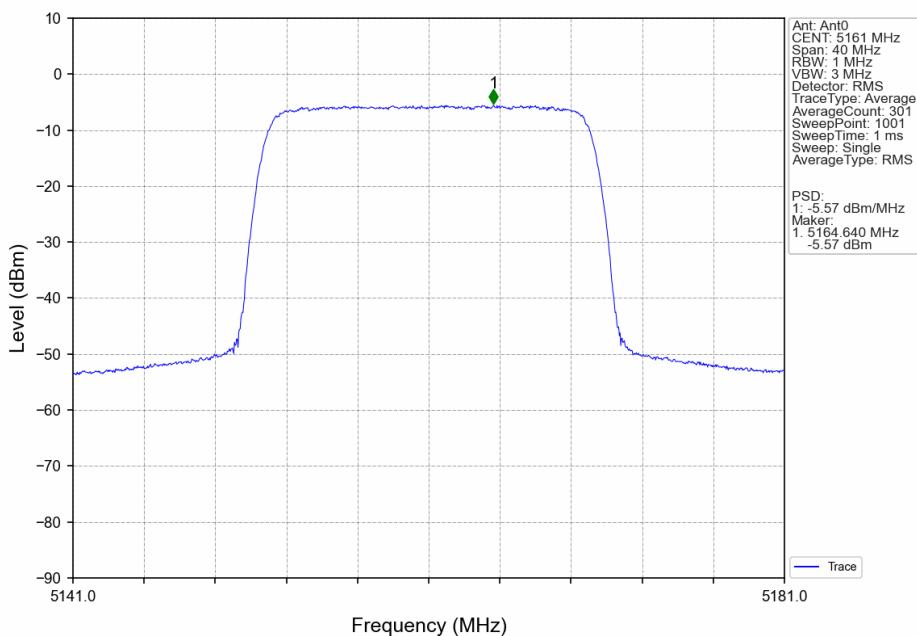
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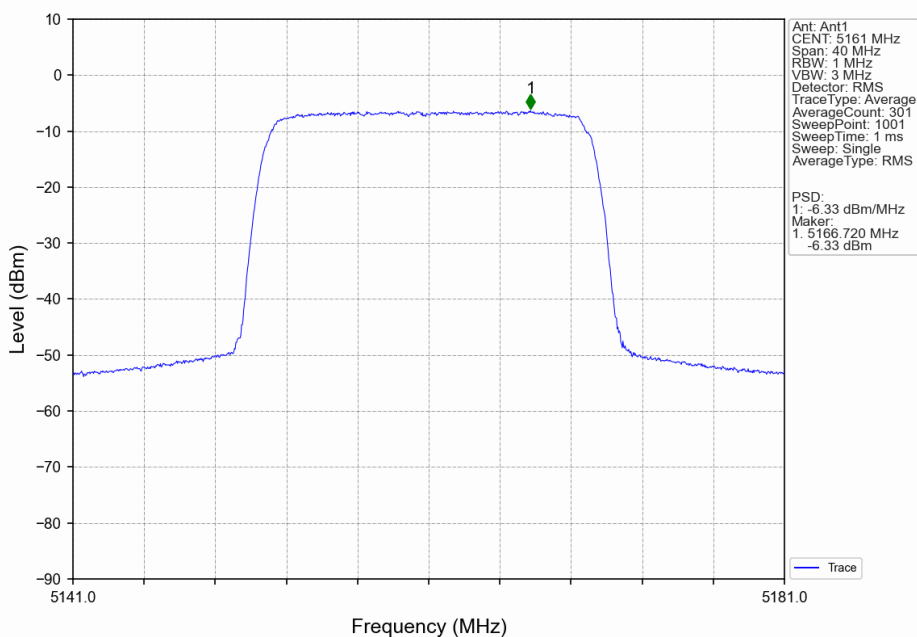
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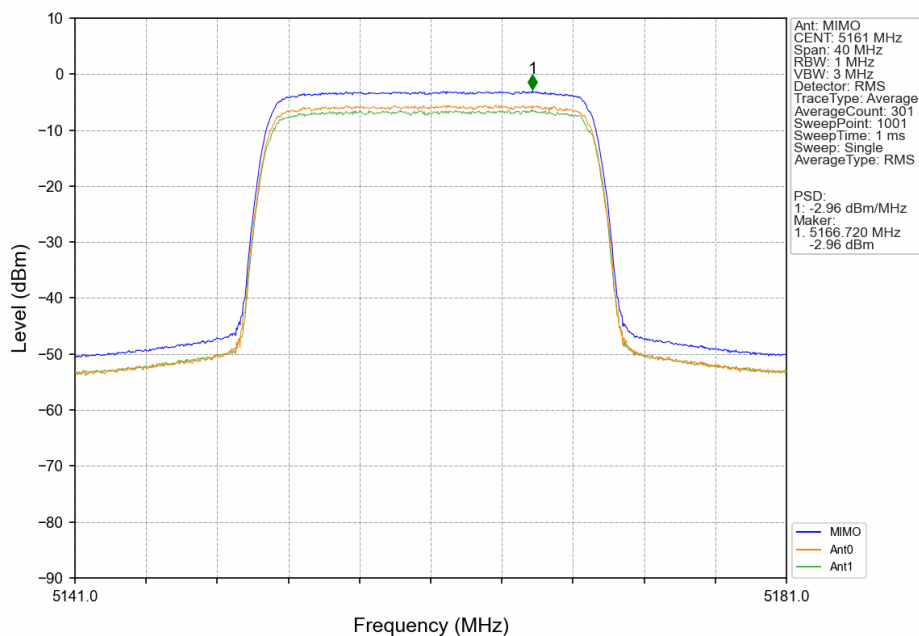
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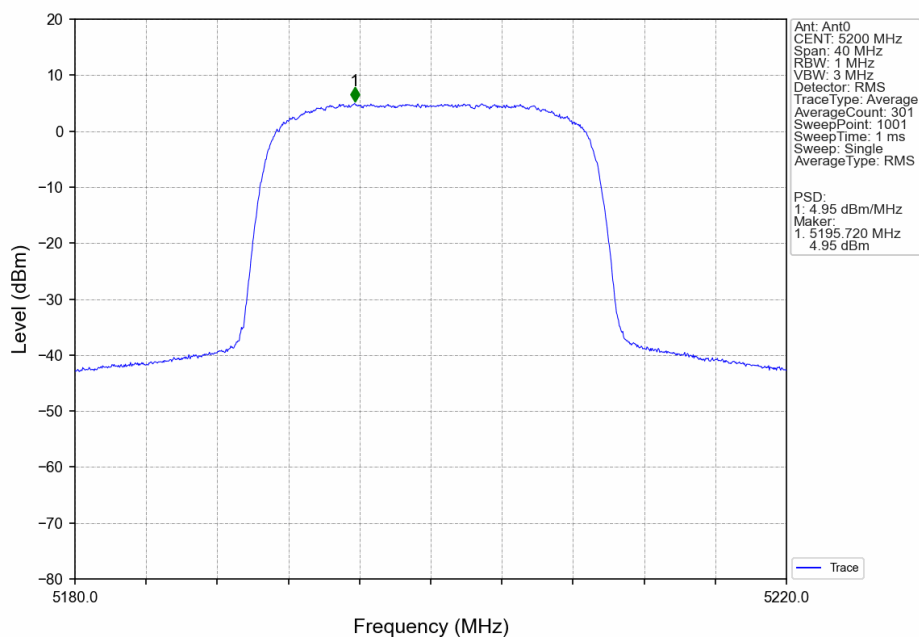
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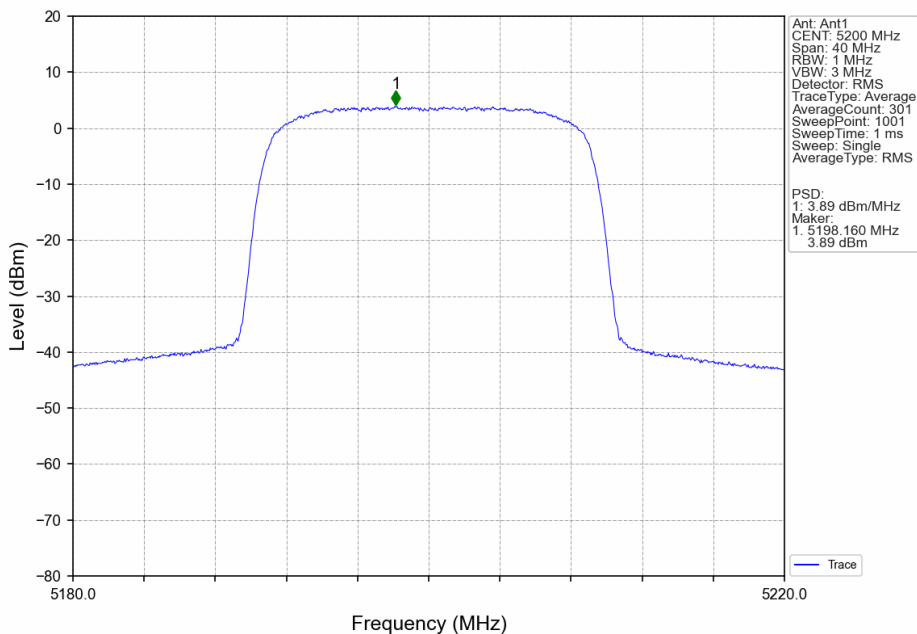
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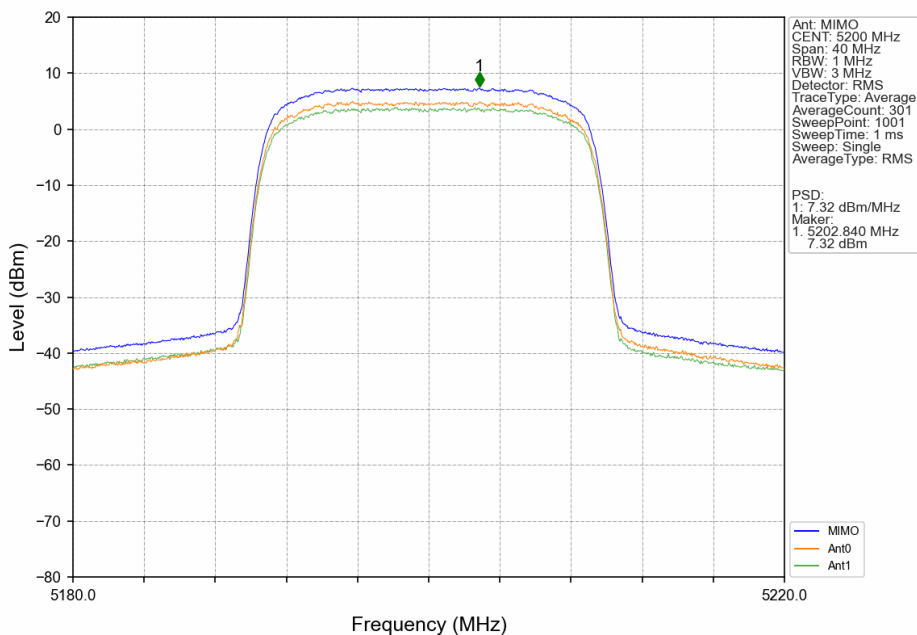
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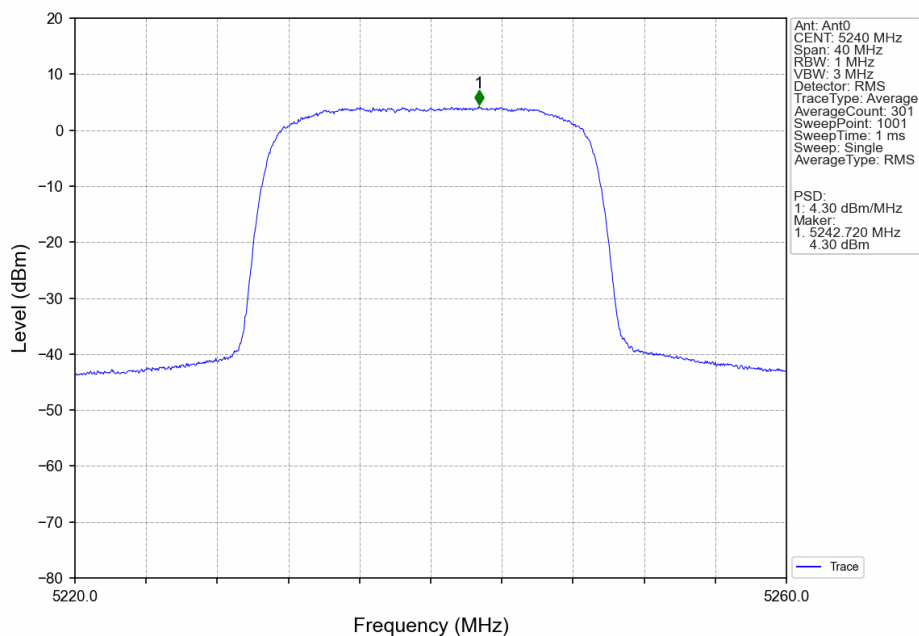
20M_MCH_5200MHz_Ant1_NTNV



20M_MCH_5200MHz_MIMO_NTNV



20M_HCH_5240MHz_Ant0_NTNV



20M_HCH_5240MHz_Ant1_NTNV

