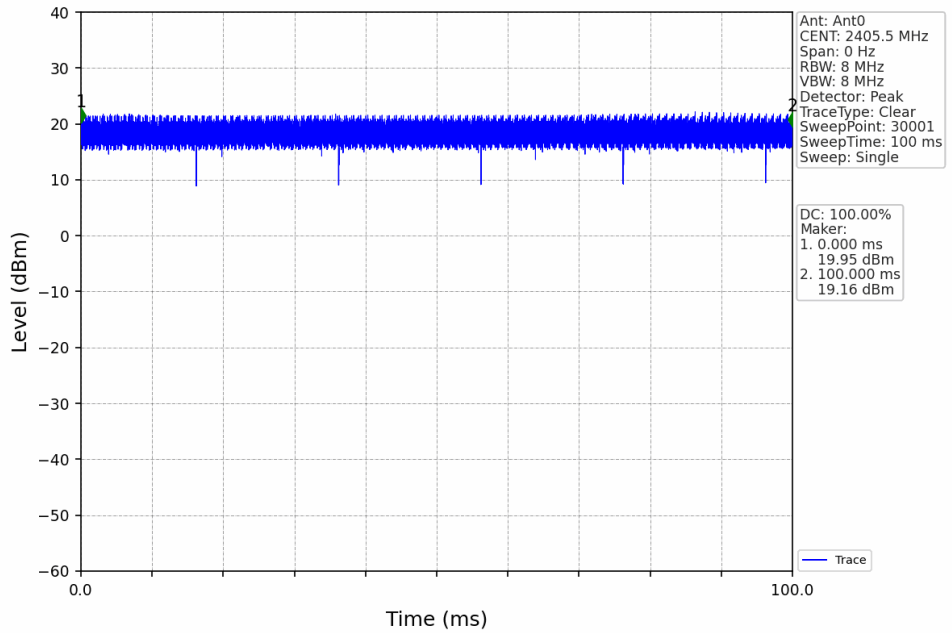
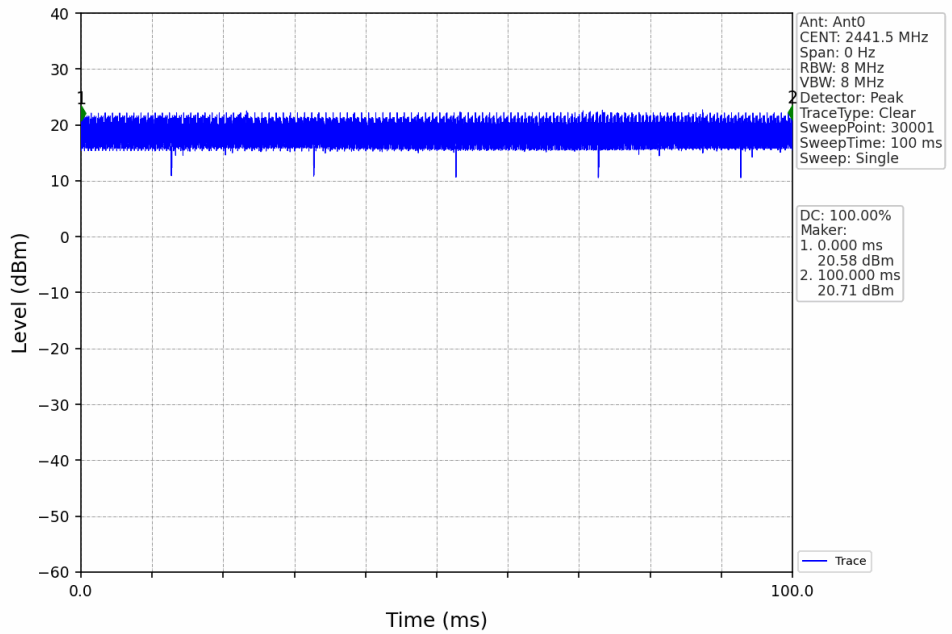
10M_LCH_2405.5MHz_Ant0_NTNV



10M_MCH_2441.5MHz_Ant0_NTNV



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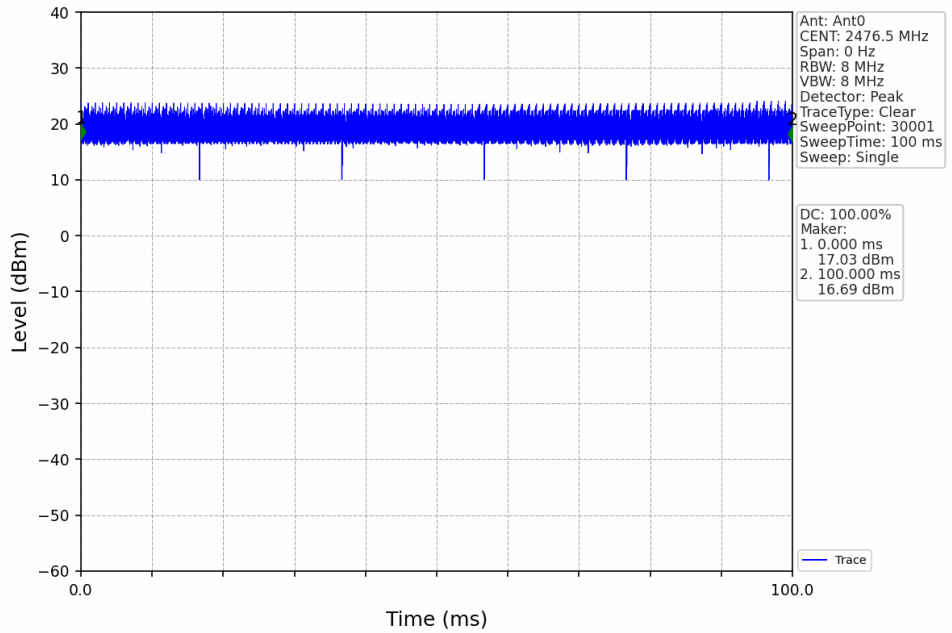
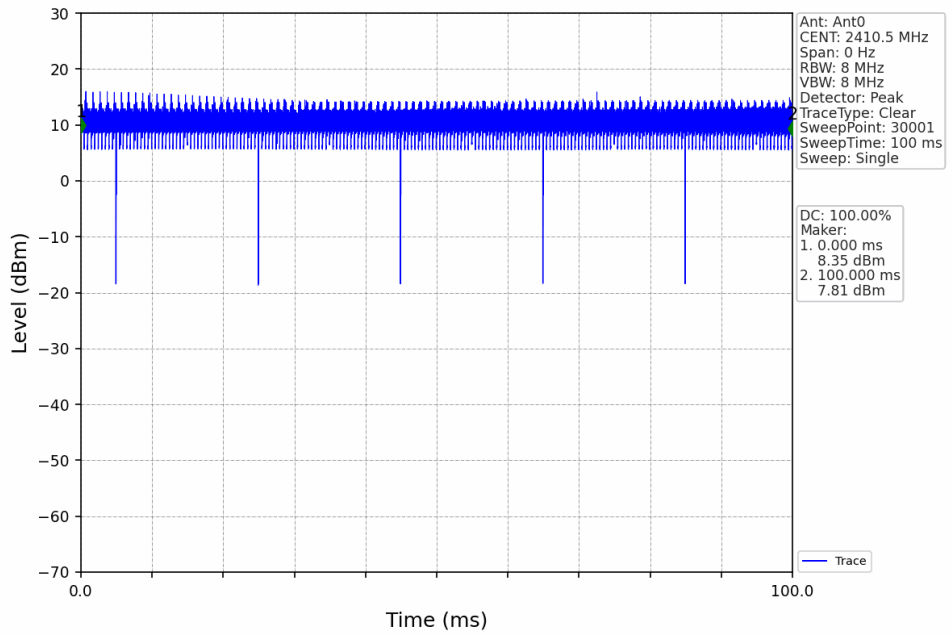
10M_HCH_2476.5MHz_Ant0_NTNV



20M_LCH_2410.5MHz_Ant0_NTNV



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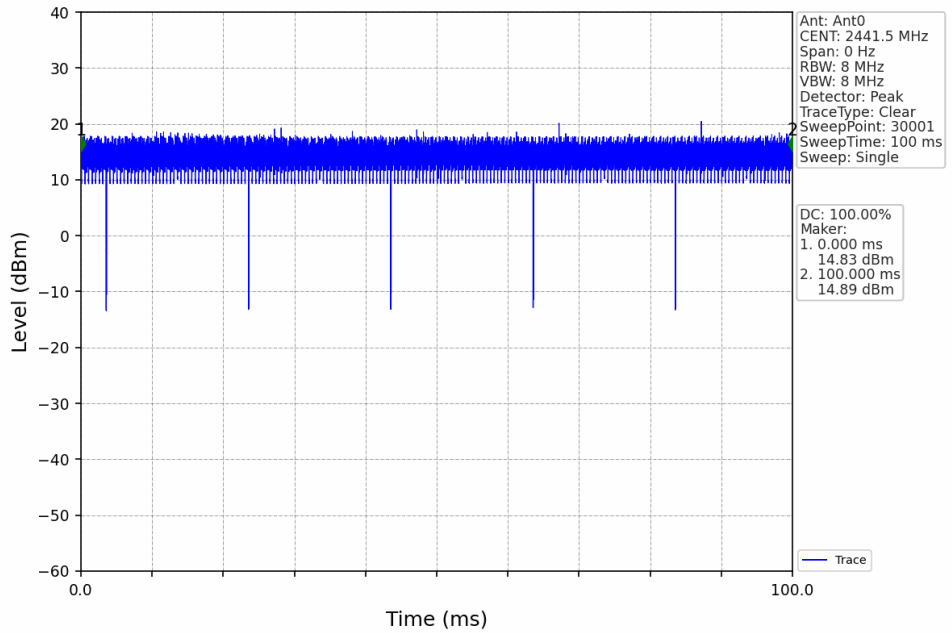
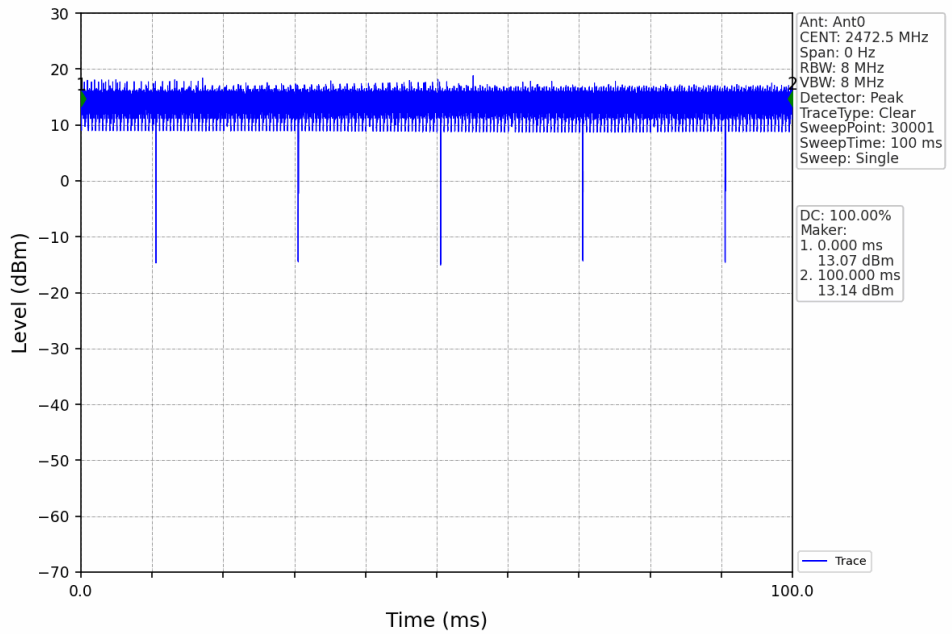
20M_MCH_2441.5MHz_Ant0_NTNV



20M_HCH_2472.5MHz_Ant0_NTNV



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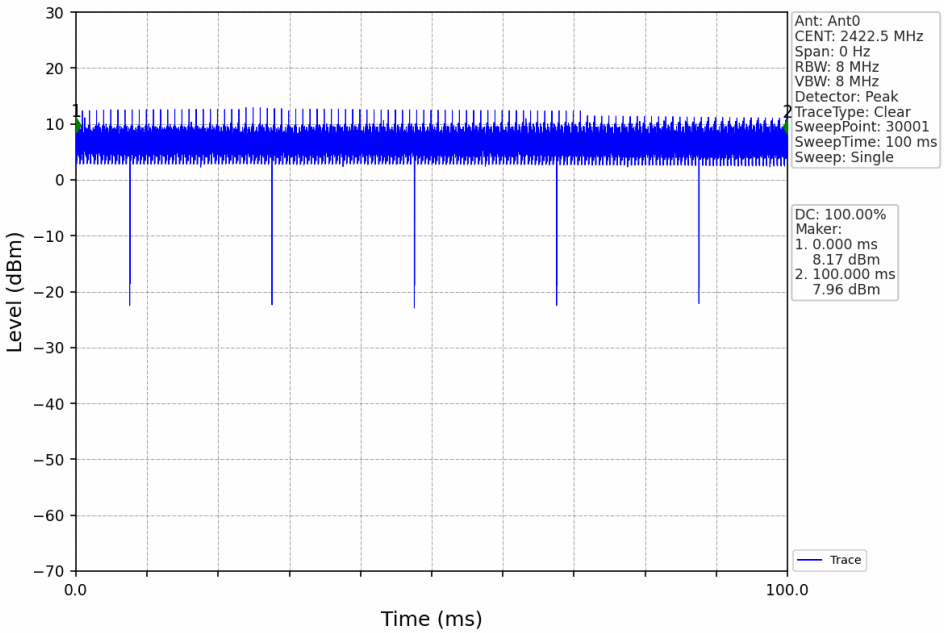
40M_LCH_2422.5MHz_Ant0_NTNV



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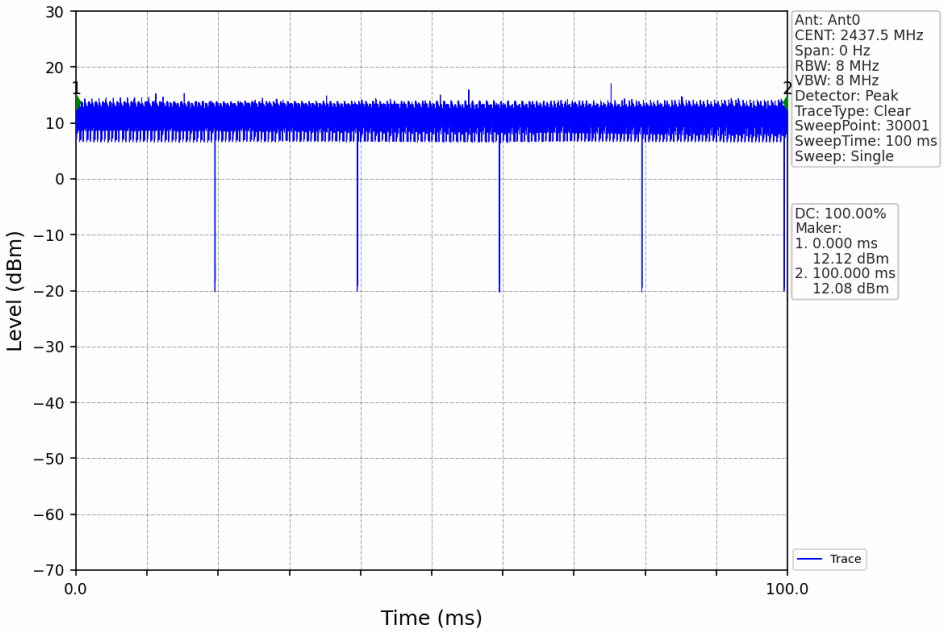

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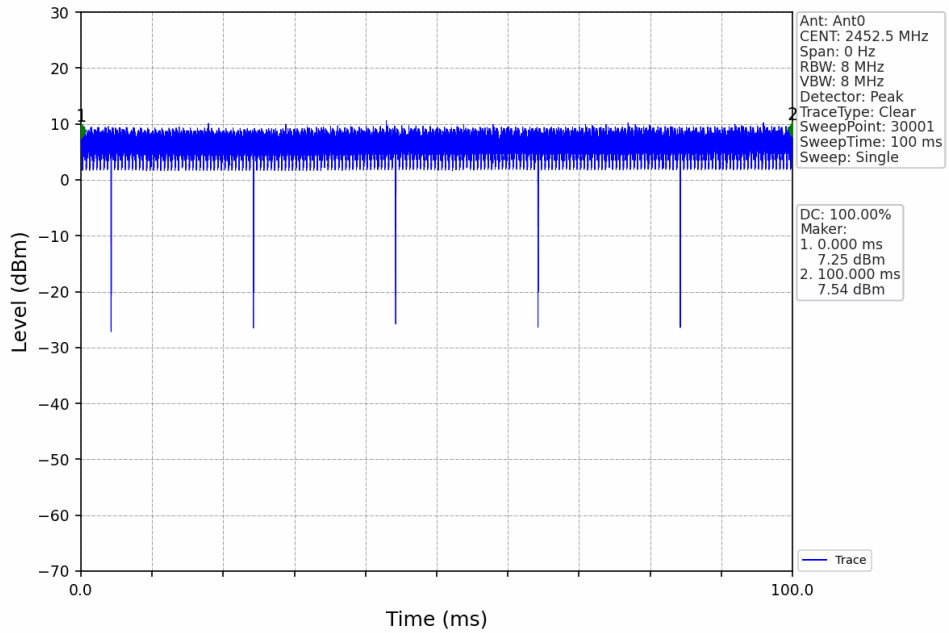
40M_HCH_2452.5MHz_Ant0_NTNV



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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz) Result	Verdict
1.4M	MIMO	2409.5	0	1.173	Pass
		2437.5	0	1.177	Pass
		2465.12	0	1.190	Pass
3M	MIMO	2410.5	0	2.343	Pass
		2437.5	0	2.351	Pass
		2464.2	0	2.356	Pass
10M	MIMO	2405.5	0	8.987	Pass
		2441.5	0	9.003	Pass
		2476.5	0	8.966	Pass
20M	MIMO	2410.5	0	17.942	Pass
		2441.5	0	17.939	Pass
		2472.5	0	17.909	Pass
40M	MIMO	2422.5	0	36.092	Pass
		2437.5	0	36.298	Pass
		2452.5	0	36.125	Pass

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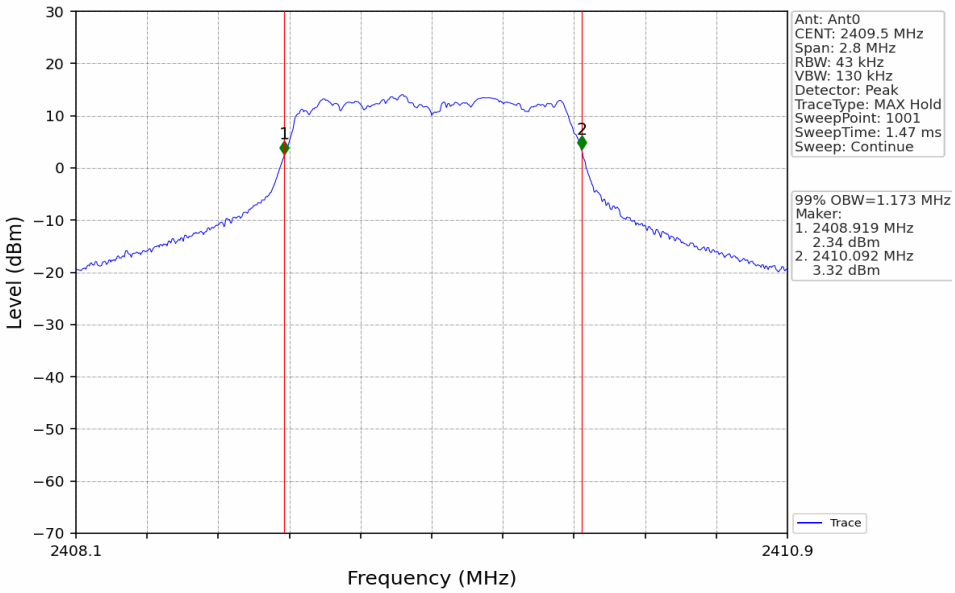
2.1.2 Test Graph

1.4M_LCH_2409.5MHz_Ant0_NTNV



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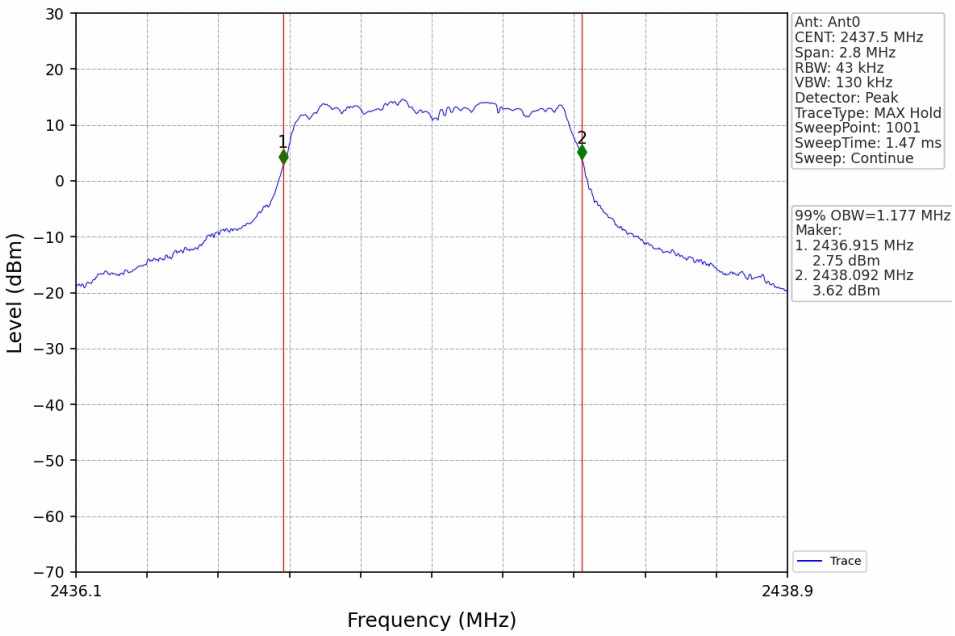

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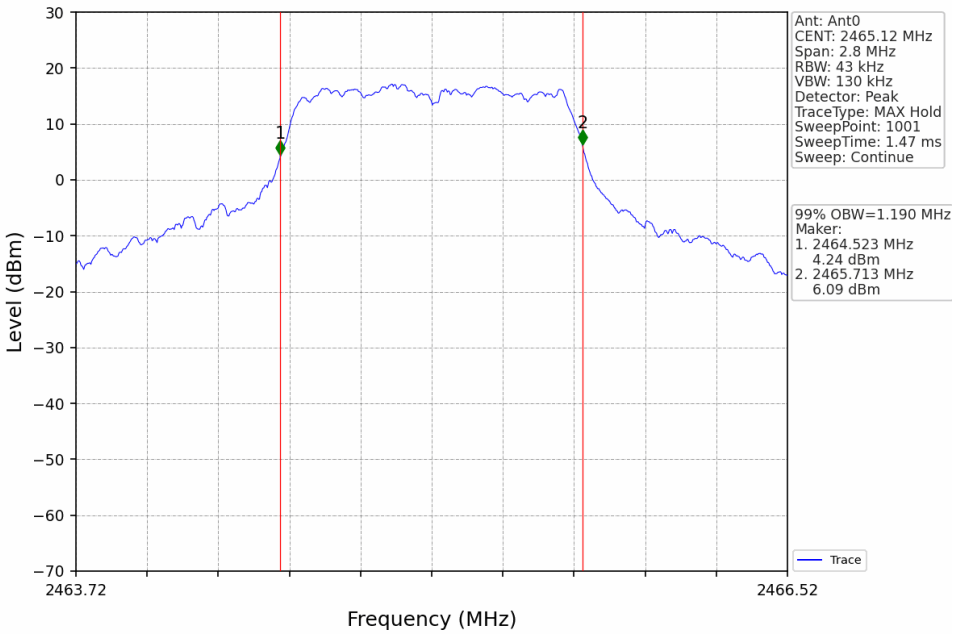
1.4M_HCH_2465.12MHz_Ant0_NTNV



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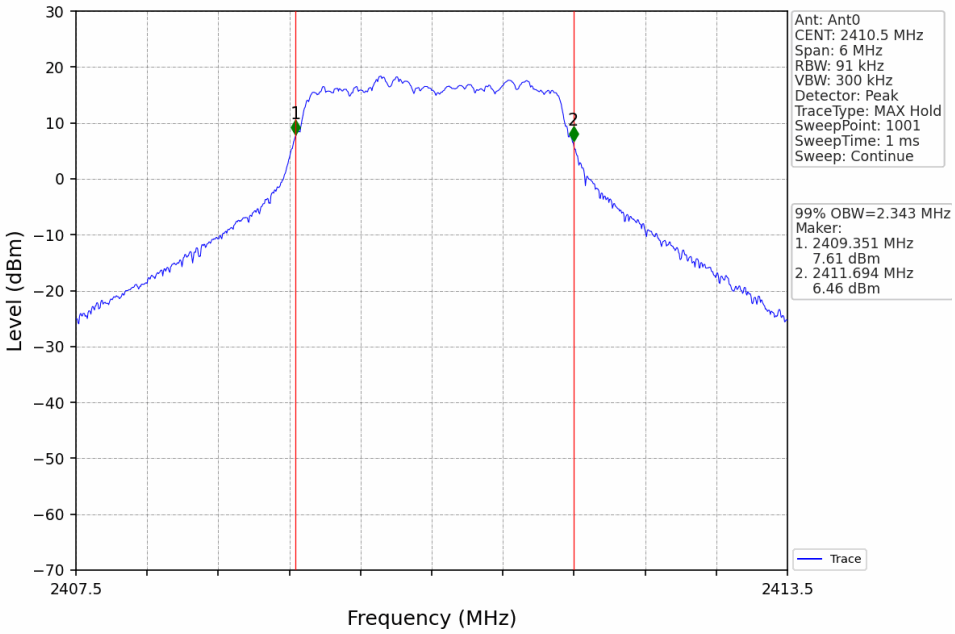

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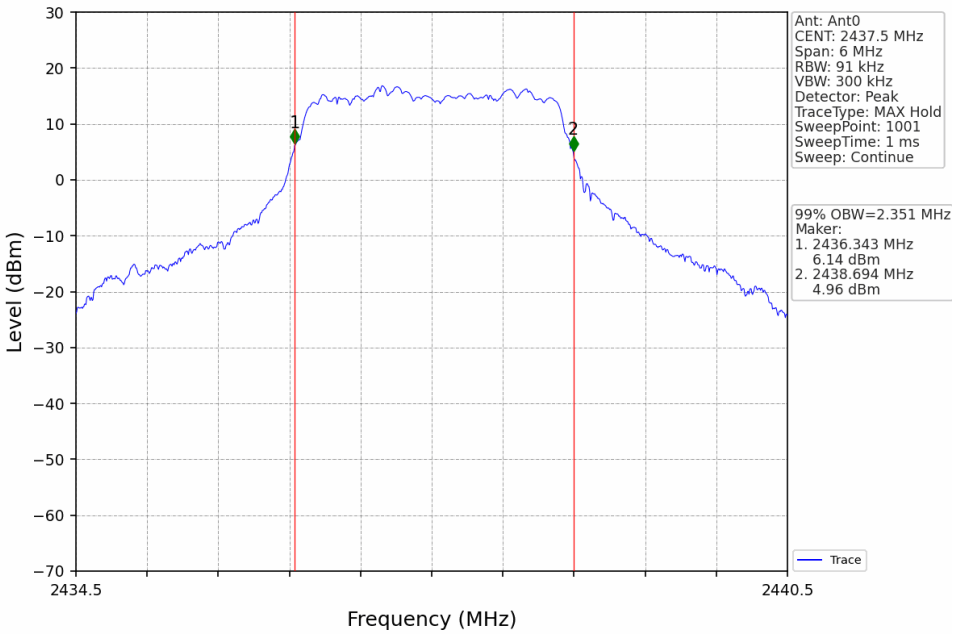

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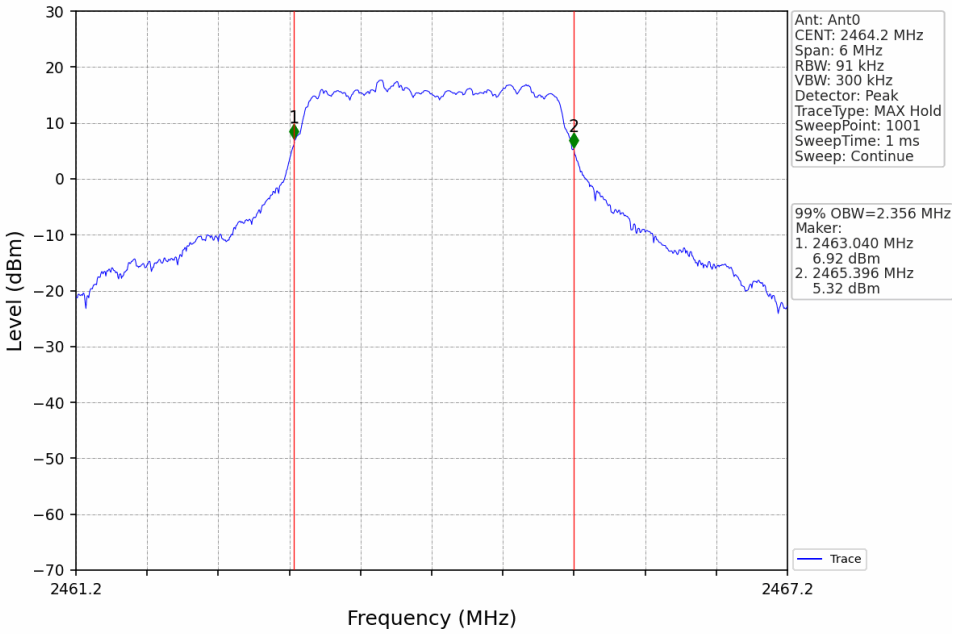

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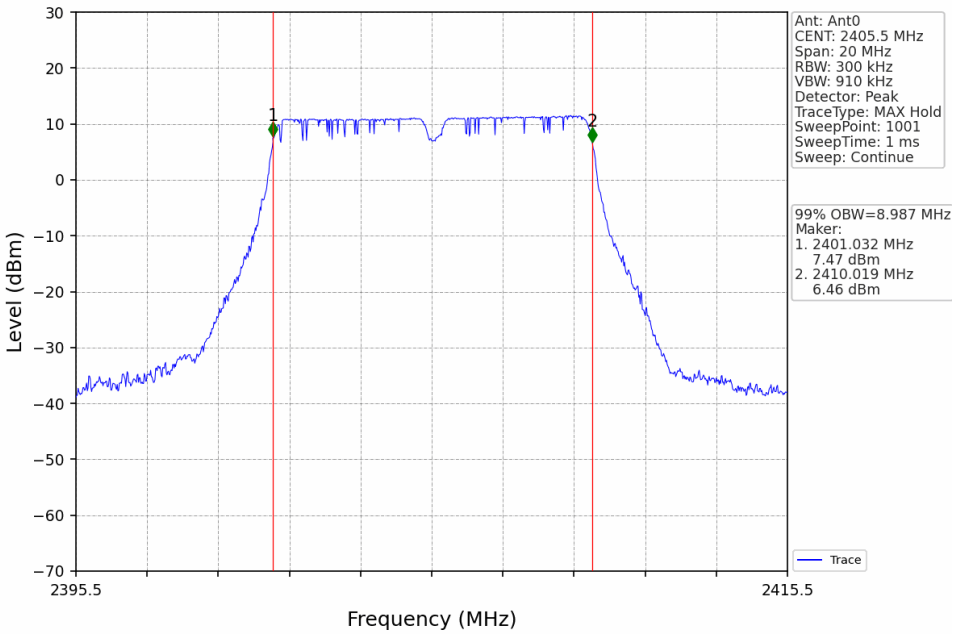
10M_LCH_2405.5MHz_Ant0_NTNV



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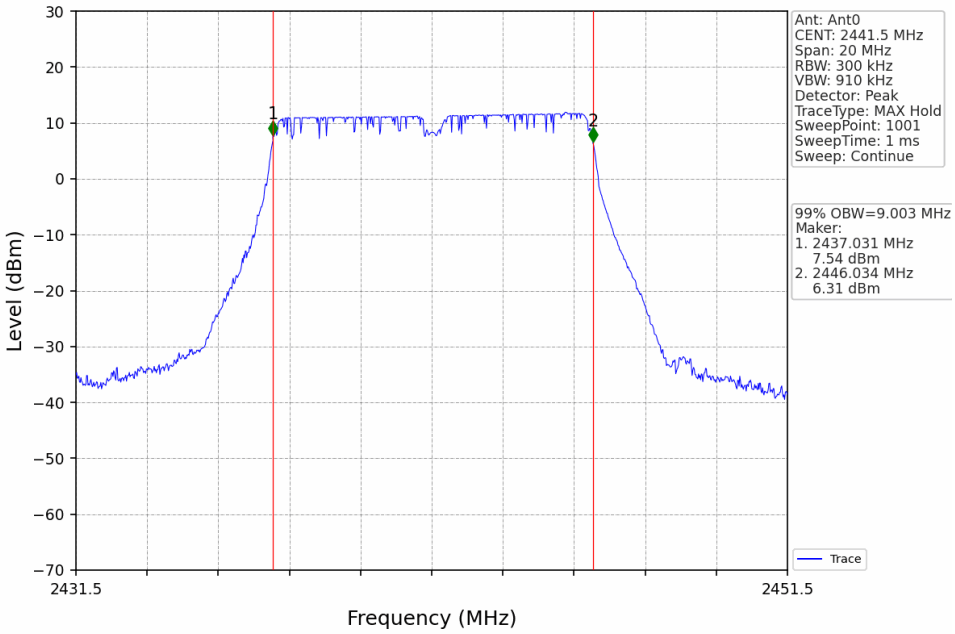

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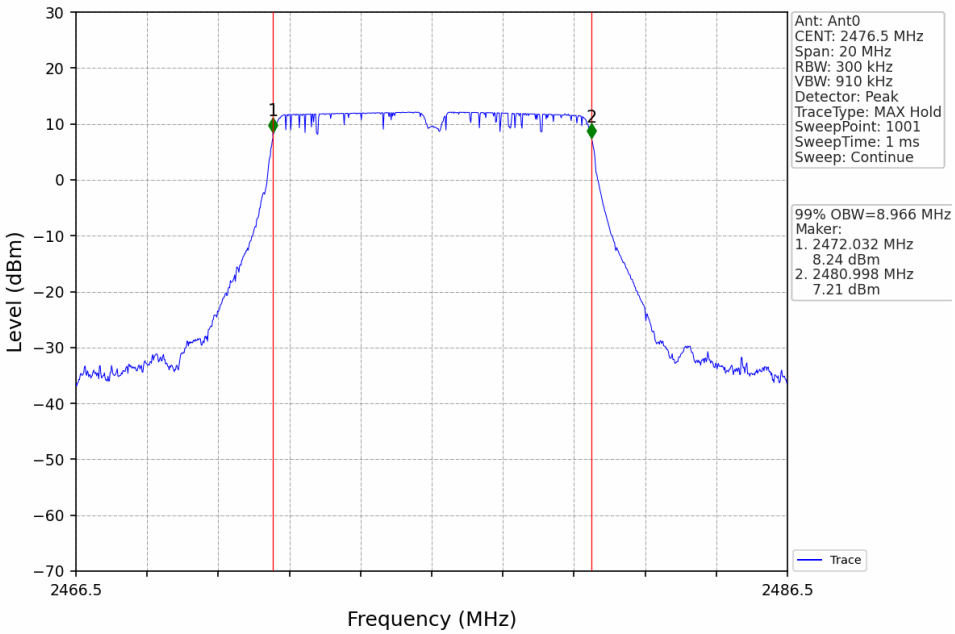

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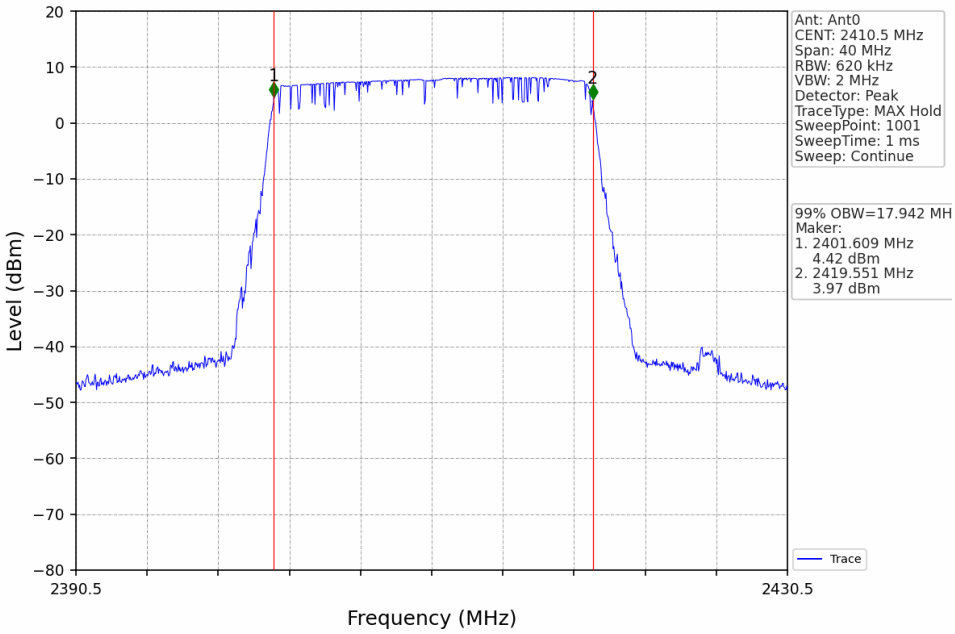

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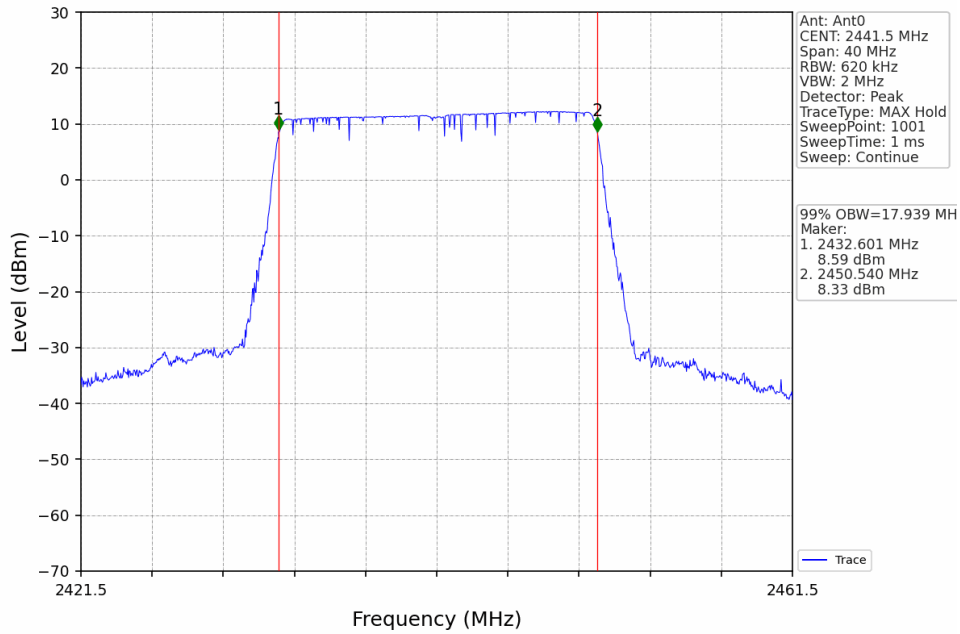
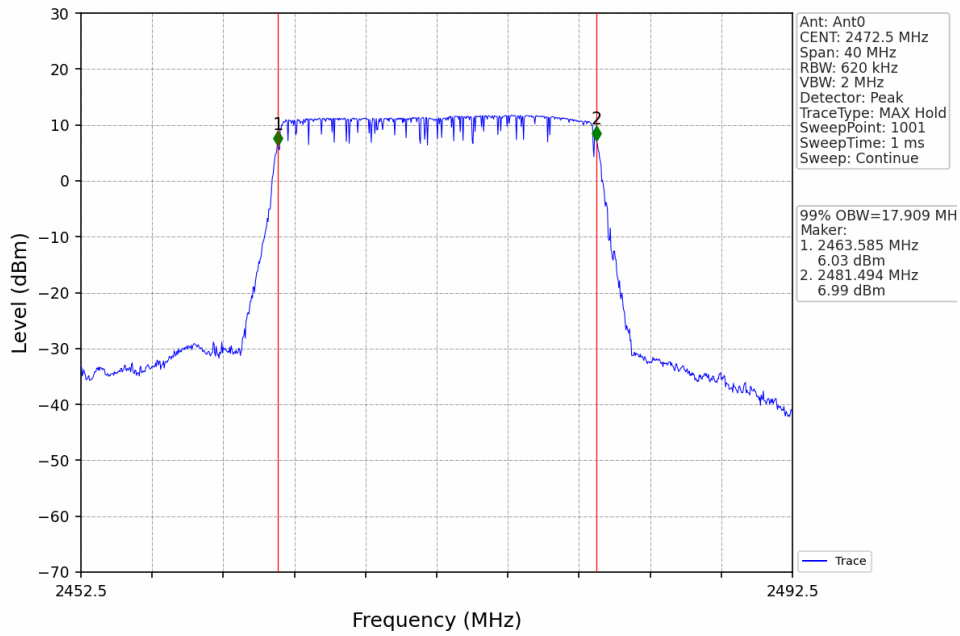


20M_HCH_2472.5MHz_Ant0_NTNV



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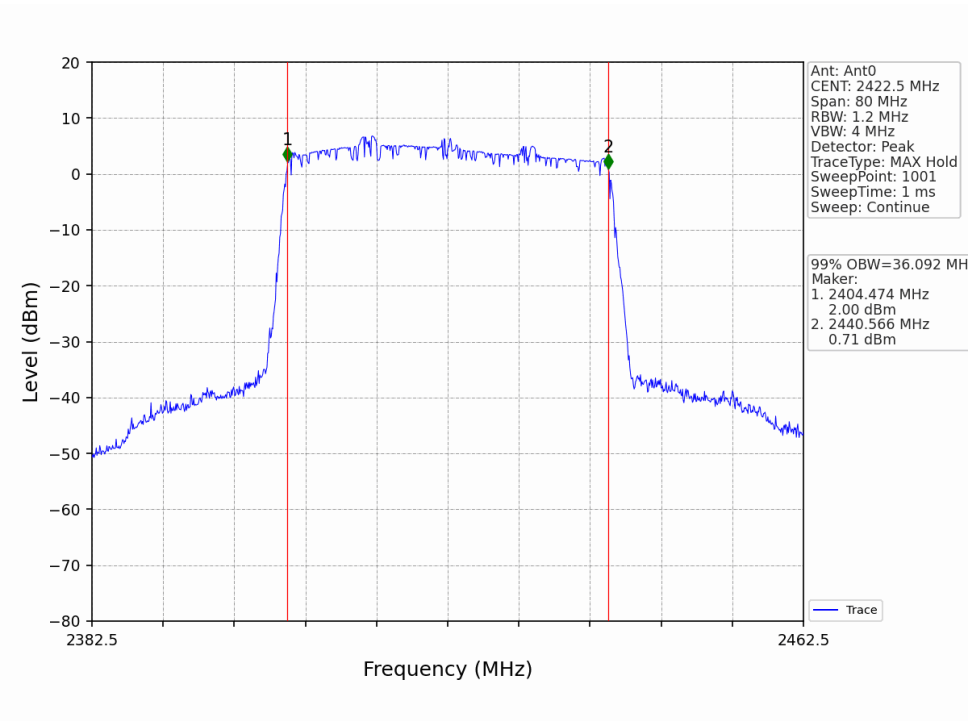
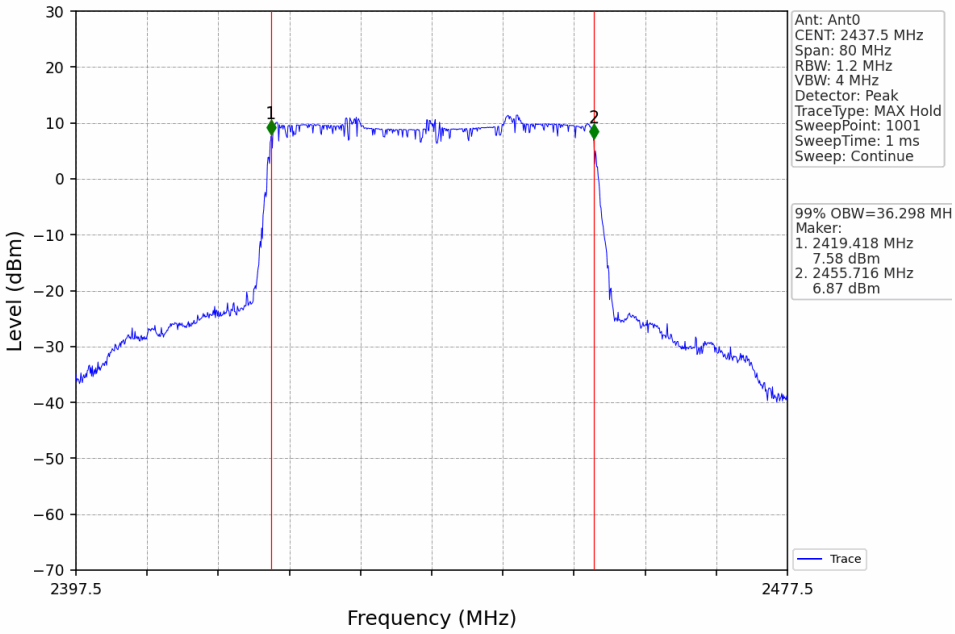
40M_LCH_2422.5MHz_Ant0_NTNV



40M_MCH_2437.5MHz_Ant0_NTNV



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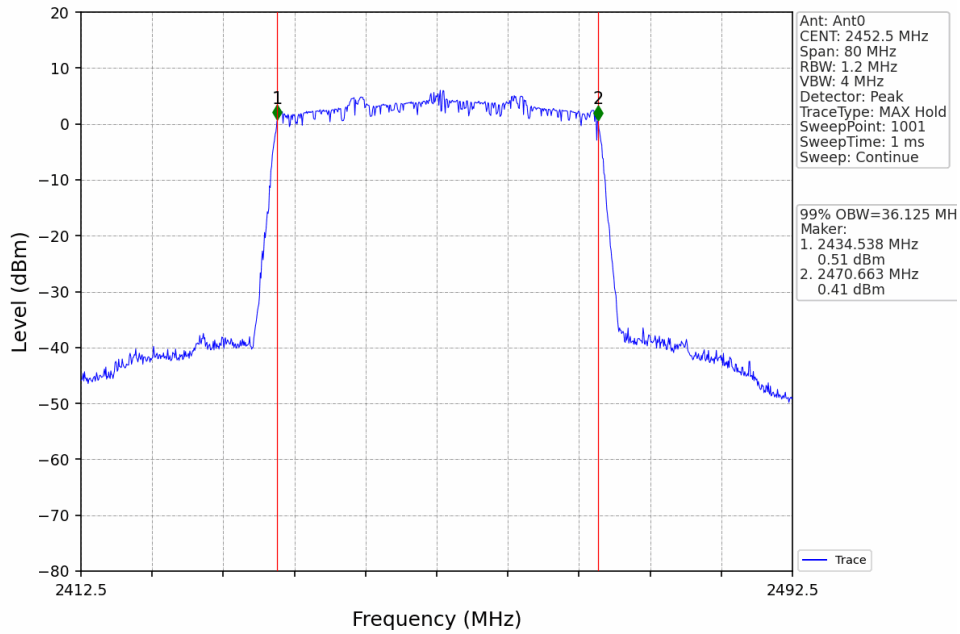
40M_HCH_2452.5MHz_Ant0_NTNV



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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	2409.5	0	1.082	>=0.5	Pass
		2437.5	0	1.088	>=0.5	Pass
		2465.12	0	1.089	>=0.5	Pass
3M	MIMO	2410.5	0	2.180	>=0.5	Pass
		2437.5	0	2.177	>=0.5	Pass
		2464.2	0	2.176	>=0.5	Pass
10M	MIMO	2405.5	0	9.043	>=0.5	Pass
		2441.5	0	9.013	>=0.5	Pass
		2476.5	0	9.041	>=0.5	Pass
20M	MIMO	2410.5	0	18.018	>=0.5	Pass
		2441.5	0	17.987	>=0.5	Pass
		2472.5	0	18.024	>=0.5	Pass
40M	MIMO	2422.5	0	35.785	>=0.5	Pass
		2437.5	0	36.020	>=0.5	Pass
		2452.5	0	35.840	>=0.5	Pass

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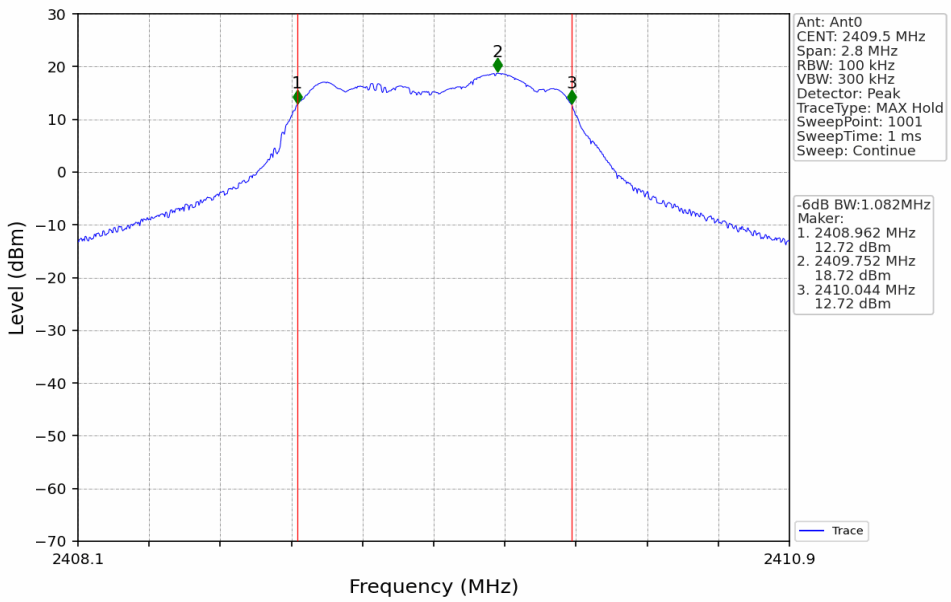
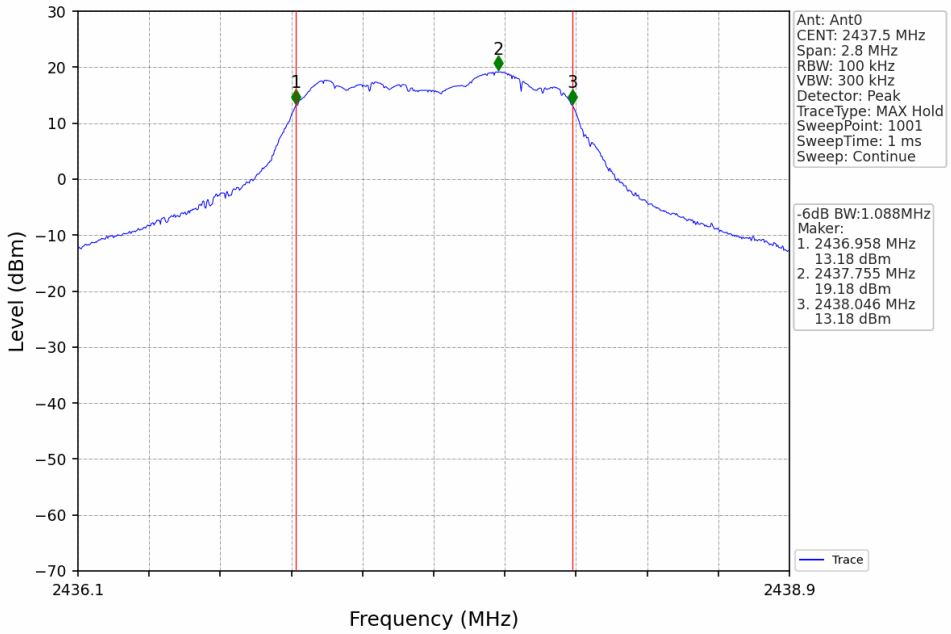
2.2.2 Test Graph

1.4M_LCH_2409.5MHz_Ant0_NTNV



1.4M_MCH_2437.5MHz_Ant0_NTNV



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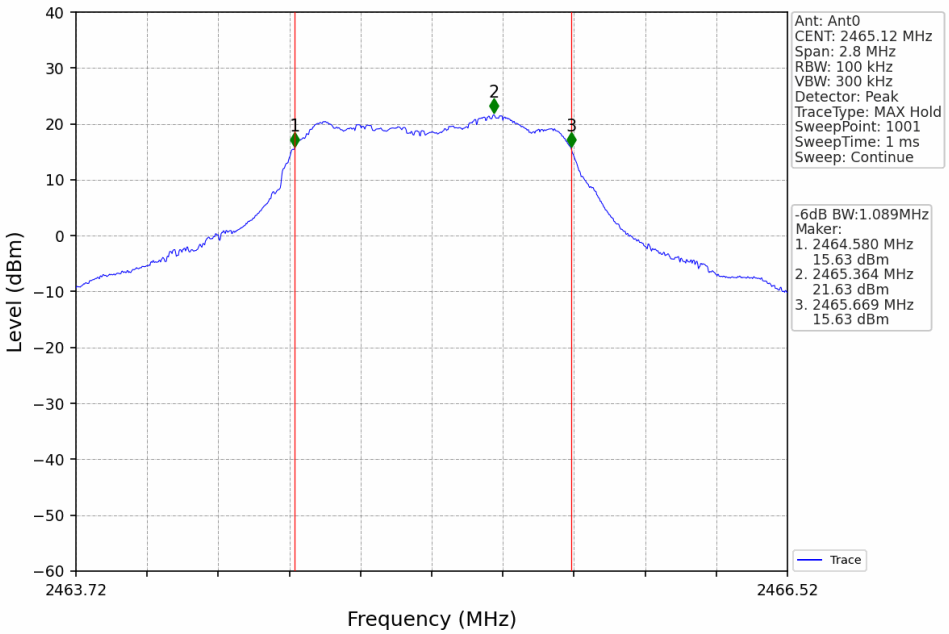
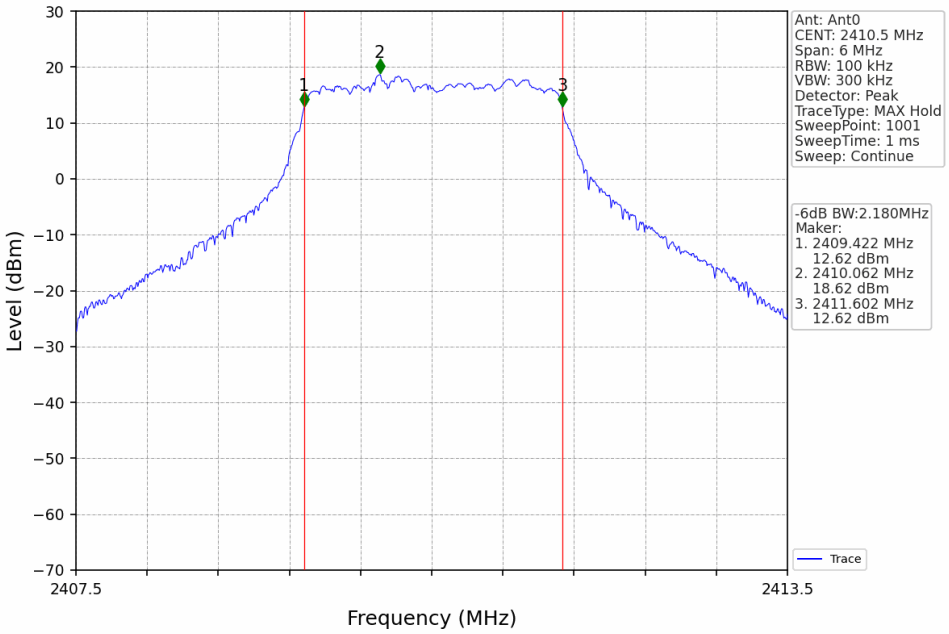
1.4M_HCH_2465.12MHz_Ant0_NTNV



3M_LCH_2410.5MHz_Ant0_NTNV



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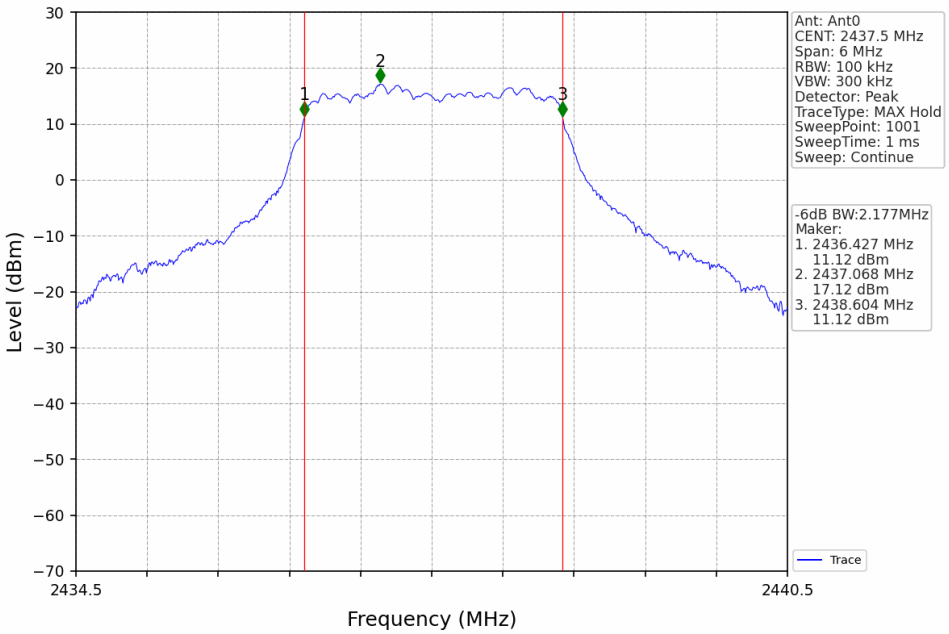
3M_MCH_2437.5MHz_Ant0_NTNV



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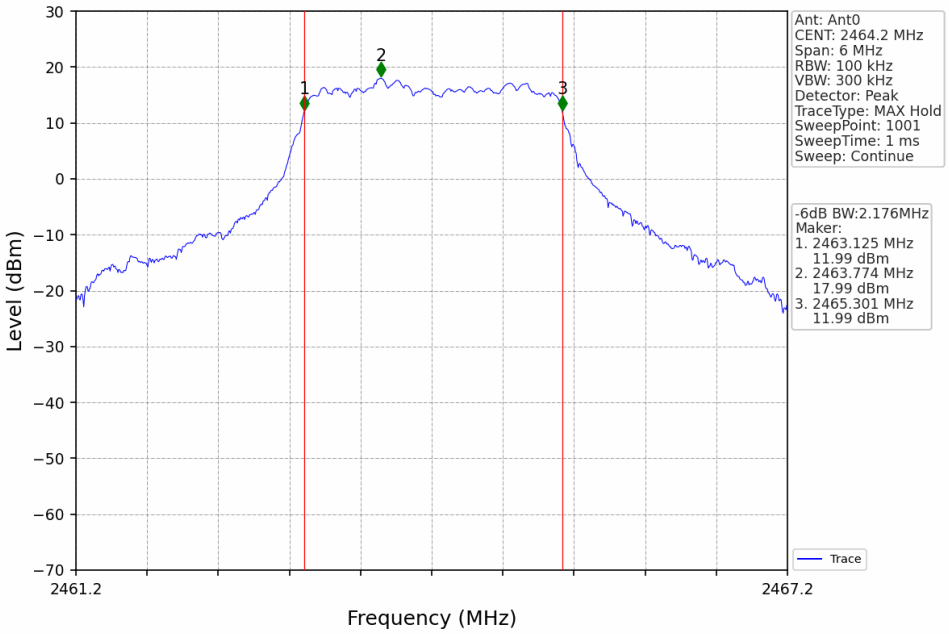

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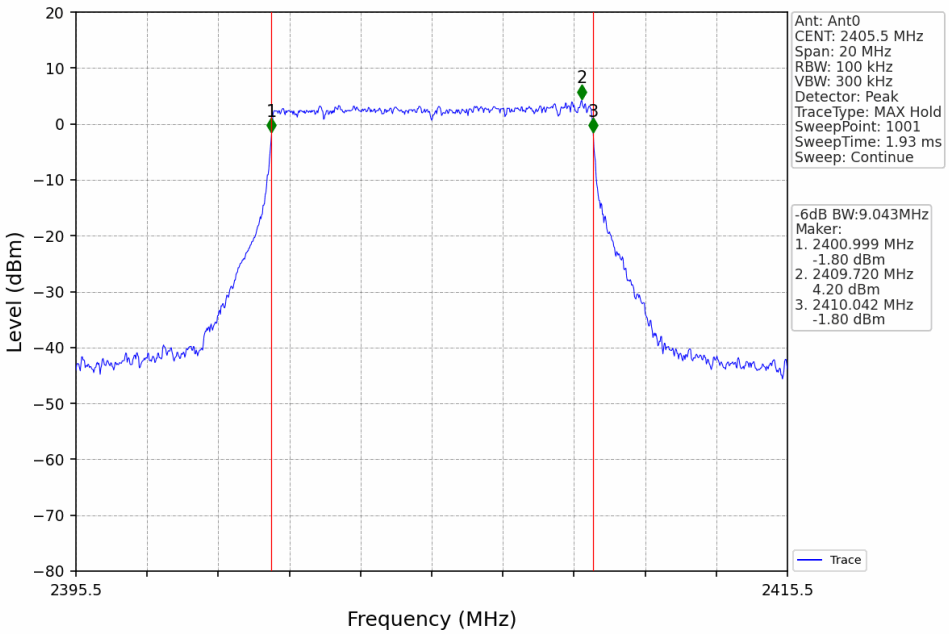
10M_LCH_2405.5MHz_Ant0_NTNV



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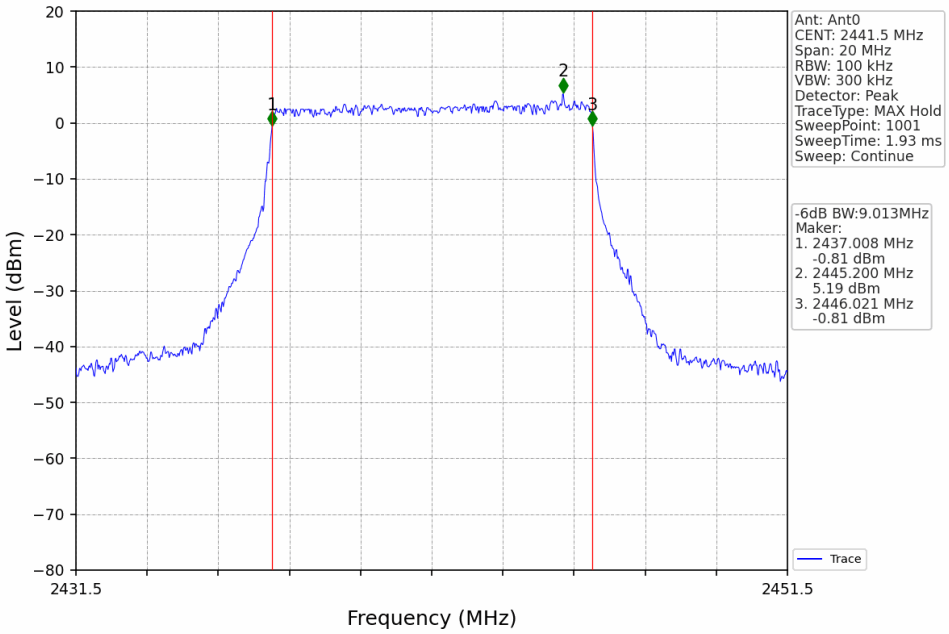

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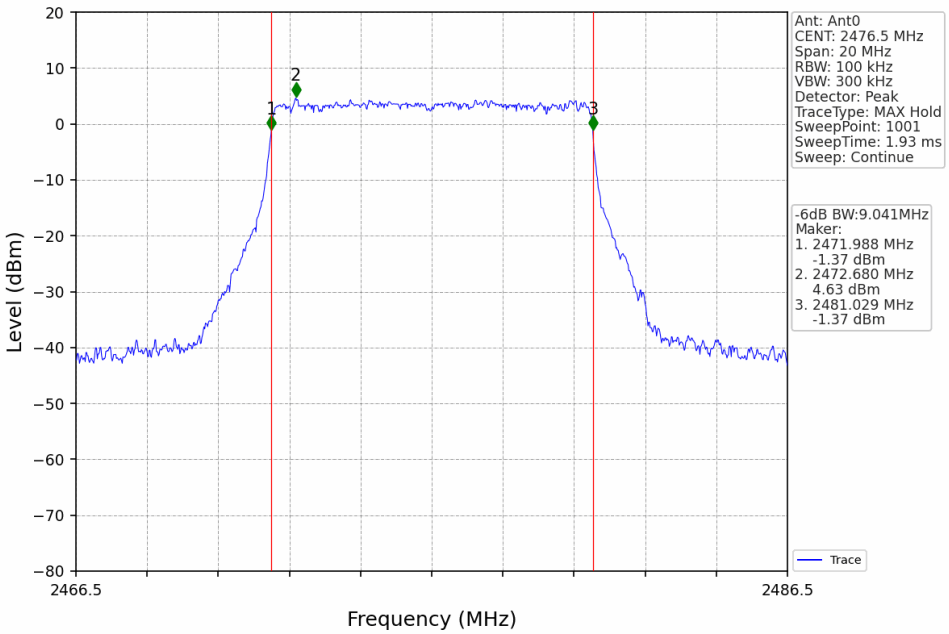
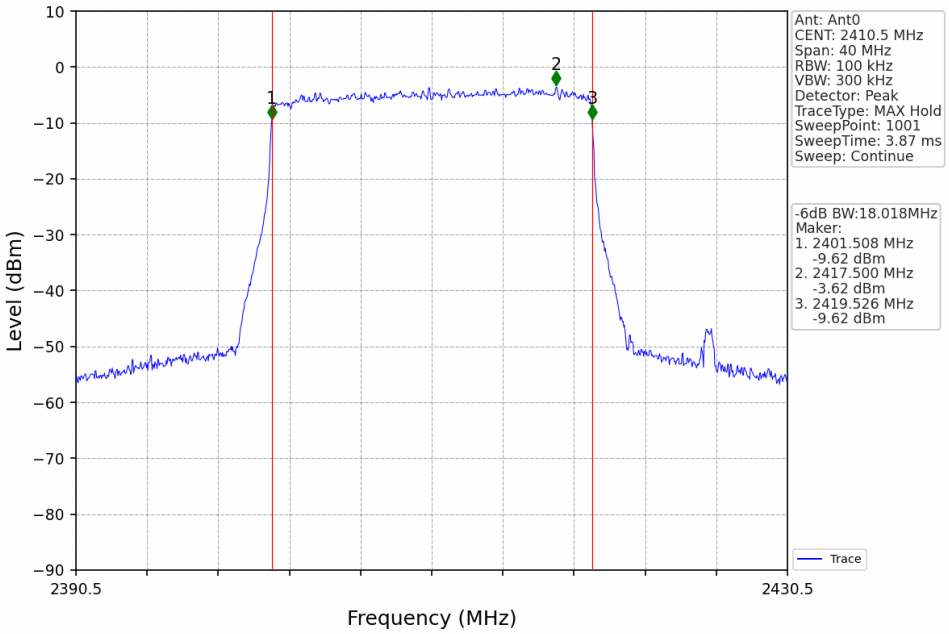
10M_HCH_2476.5MHz_Ant0_NTNV



20M_LCH_2410.5MHz_Ant0_NTNV



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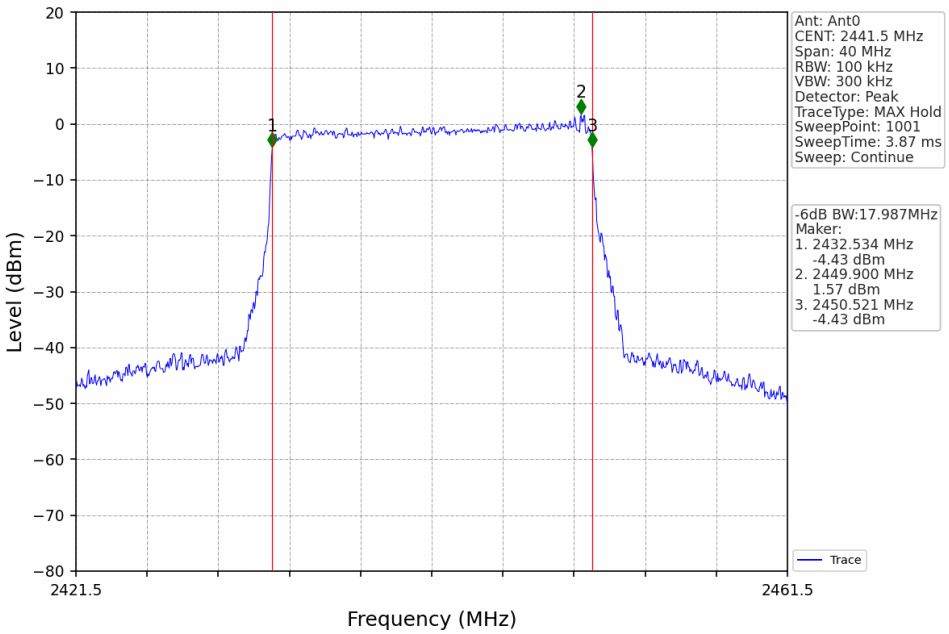
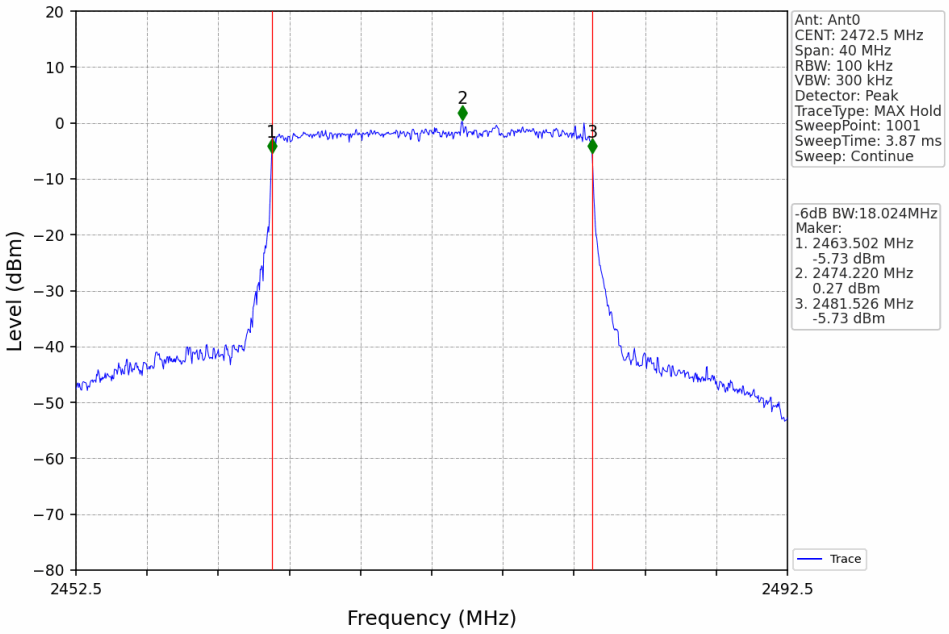
20M_MCH_2441.5MHz_Ant0_NTNV



20M_HCH_2472.5MHz_Ant0_NTNV



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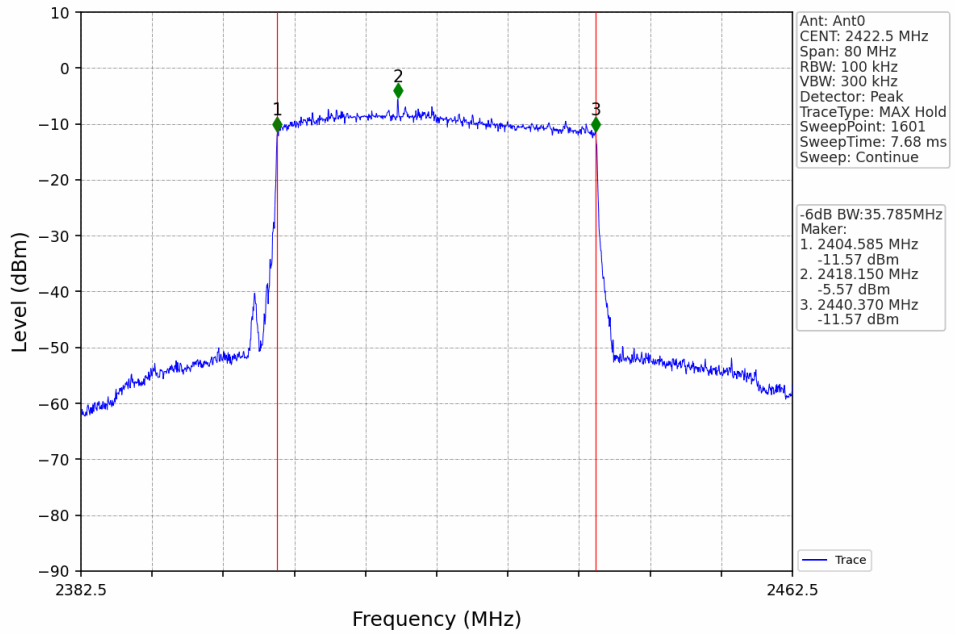

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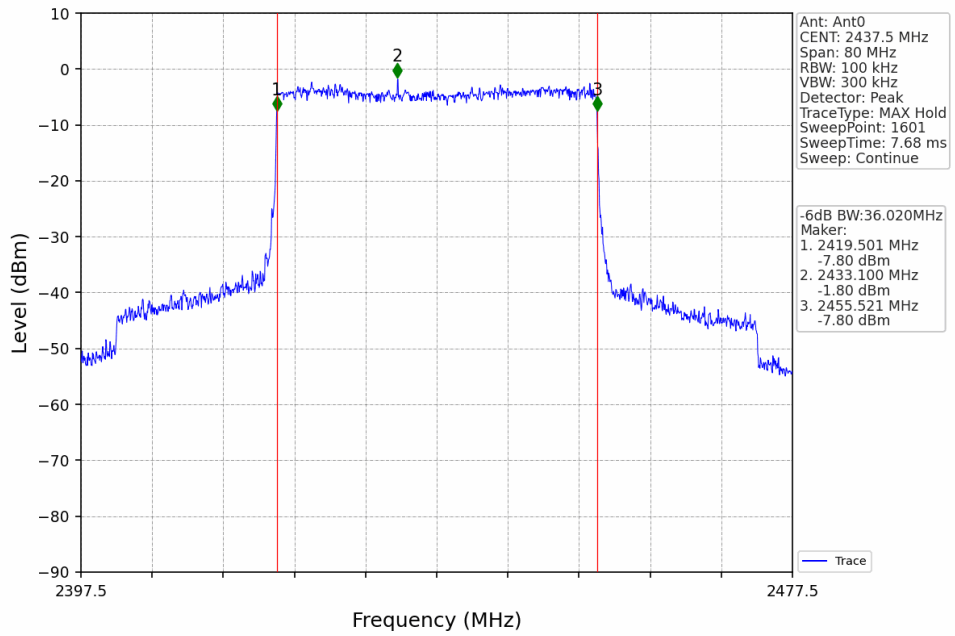

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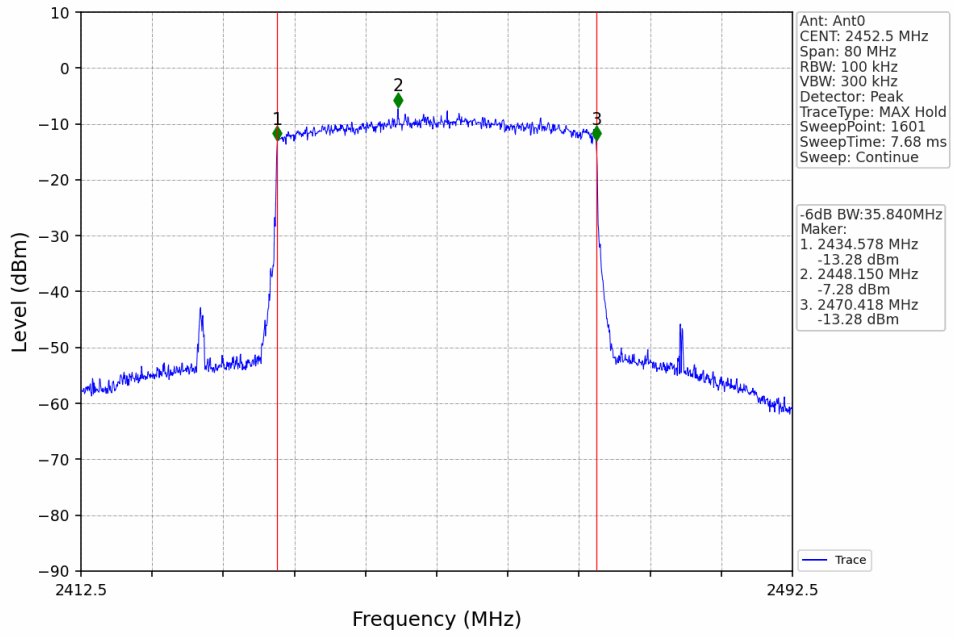
40M_HCH_2452.5MHz_Ant0_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	2409.5	22.27	23.36	25.86	<=30	Pass
		2437.5	22.17	24.02	26.20	<=30	Pass
		2465.12	22.04	23.12	25.62	<=30	Pass
3M	MIMO	2410.5	22.37	23.51	25.99	<=30	Pass
		2437.5	21.98	23.96	26.09	<=30	Pass
		2464.2	21.84	23.88	25.99	<=30	Pass
10M	MIMO	2405.5	11.83	14.16	16.16	<=30	Pass
		2441.5	11.92	13.58	15.84	<=30	Pass
		2476.5	12.67	13.66	16.20	<=30	Pass
20M	MIMO	2410.5	11.54	13.21	15.47	<=30	Pass
		2441.5	11.97	13.61	15.88	<=30	Pass
		2472.5	12.02	13.09	15.60	<=30	Pass
40M	MIMO	2422.5	12.20	13.73	16.04	<=30	Pass
		2437.5	12.25	13.59	15.98	<=30	Pass
		2452.5	11.18	13.60	15.57	<=30	Pass

Note1: Antenna Gain: Ant0: 3.00dBi; Ant1: 3.00dBi;

Note2: Directional Gain=gain of individual transmit antennas (dBi) + array gain (dB)=3dBi

Array Gain = 0 dB for $N_{ANT} \leqslant 4$

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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/3kHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	2409.5	4.24	5.52	5.78	<=8	Pass
		2437.5	4.47	5.83	6.34	<=8	Pass
		2465.12	4.10	5.08	5.96	<=8	Pass
3M	MIMO	2410.5	5.30	6.12	6.89	<=8	Pass
		2437.5	4.80	6.78	7.41	<=8	Pass
		2464.2	4.73	6.74	7.26	<=8	Pass
10M	MIMO	2405.5	-13.20	-11.45	-10.12	<=8	Pass
		2441.5	-13.64	-11.65	-10.29	<=8	Pass
		2476.5	-12.09	-11.92	-9.92	<=8	Pass
20M	MIMO	2410.5	-16.55	-15.34	-13.38	<=8	Pass
		2441.5	-16.03	-14.70	-12.98	<=8	Pass
		2472.5	-16.52	-15.14	-13.04	<=8	Pass
40M	MIMO	2422.5	-18.35	-16.66	-15.11	<=8	Pass
		2437.5	-19.10	-17.13	-15.69	<=8	Pass
		2452.5	-18.91	-17.39	-16.02	<=8	Pass

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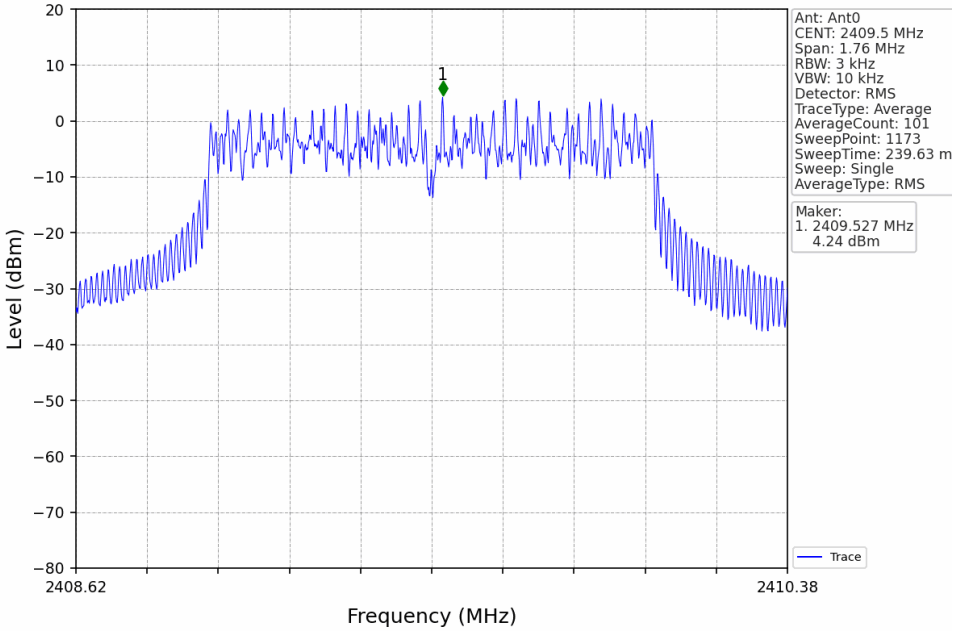
4.1.2 Test Graph

1.4M_LCH_2409.5MHz_Ant0_NTNV



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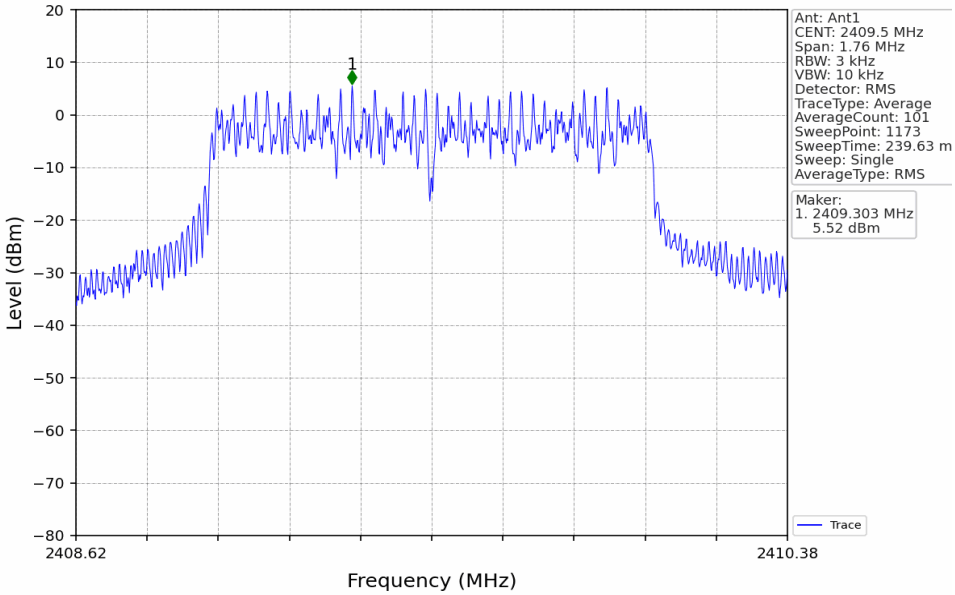

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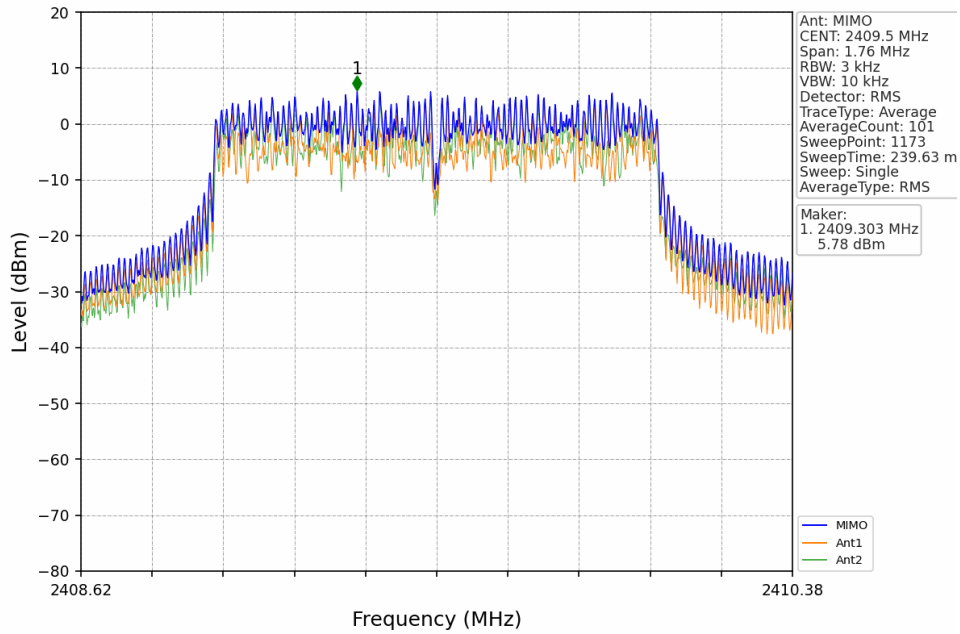
1.4M_LCH_2409.5MHz_MIMO_NTNV



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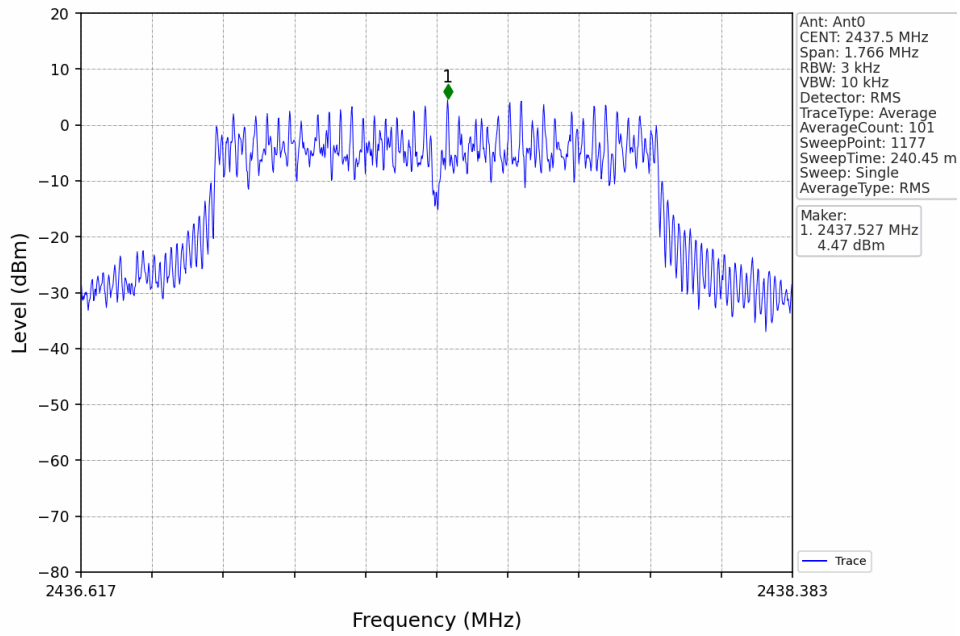

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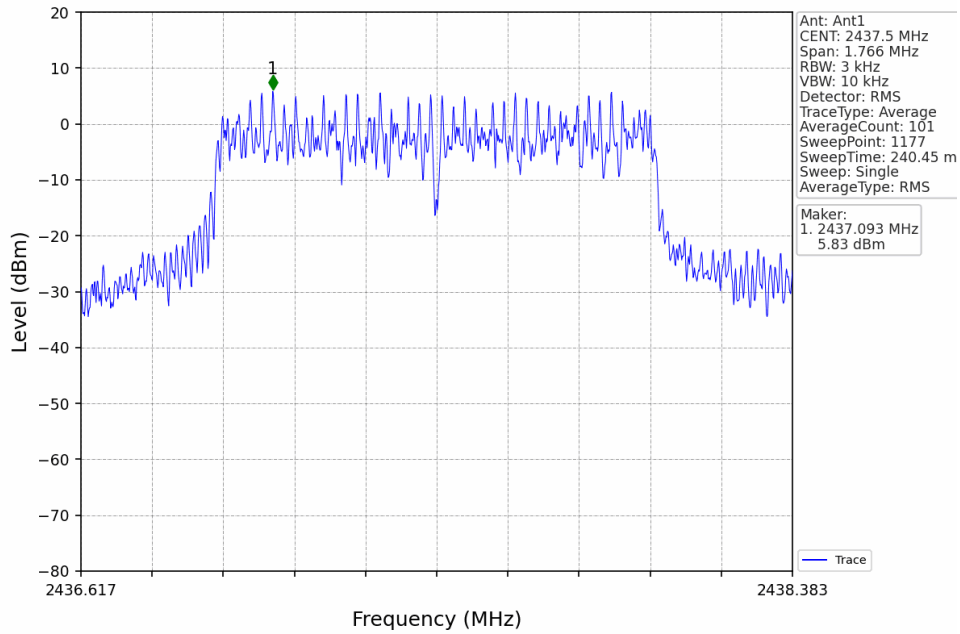
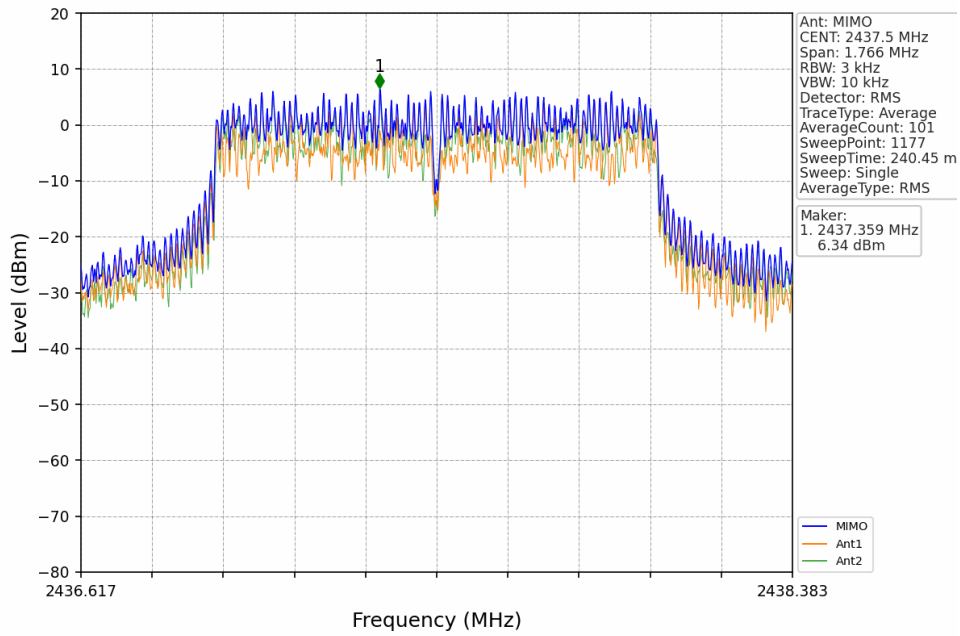
1.4M_MCH_2437.5MHz_Ant1_NTNV



1.4M_MCH_2437.5MHz_MIMO_NTNV



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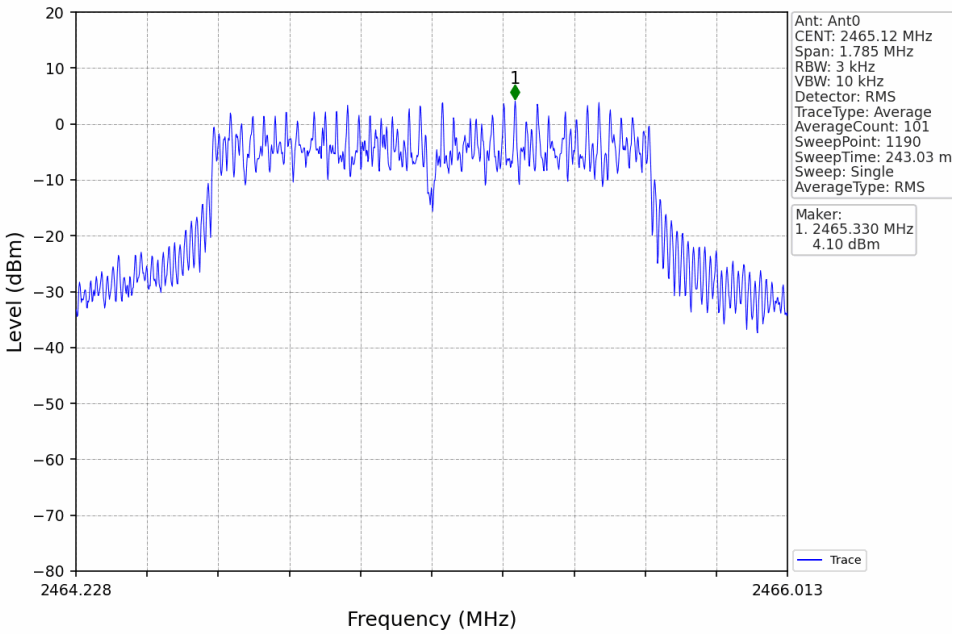
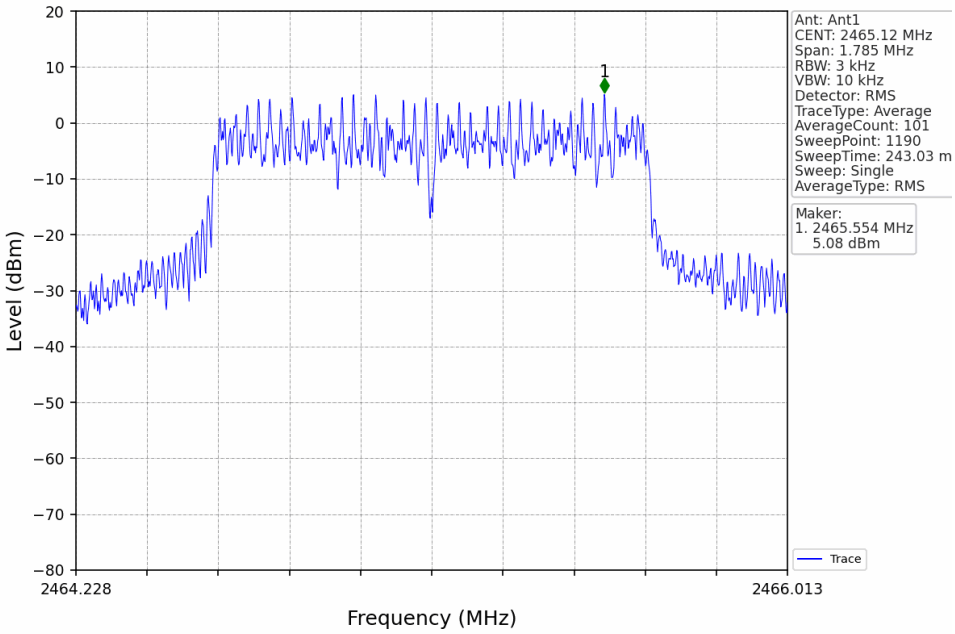
1.4M_HCH_2465.12MHz_Ant0_NTNV



1.4M_HCH_2465.12MHz_Ant1_NTNV



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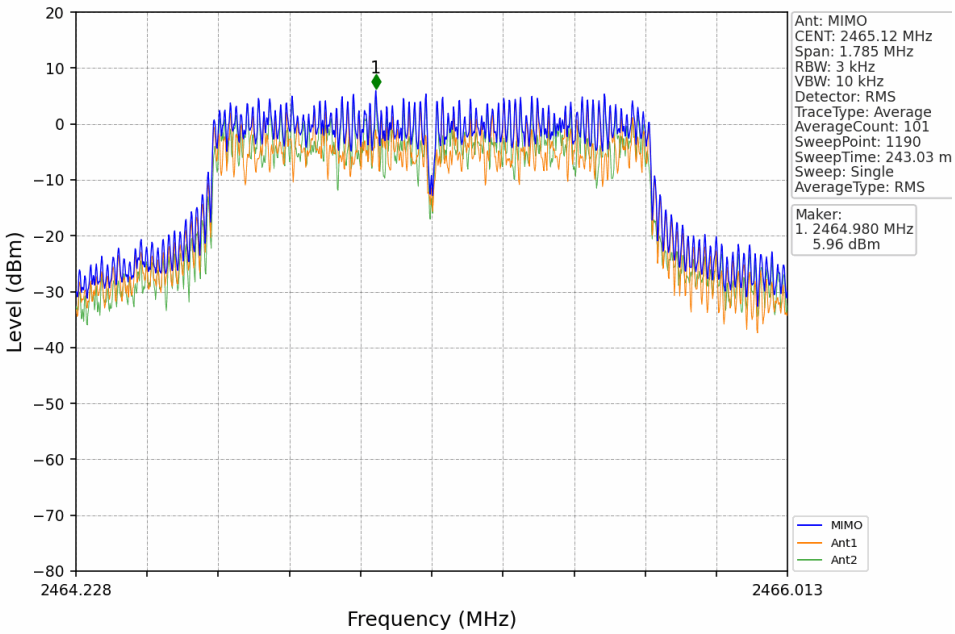
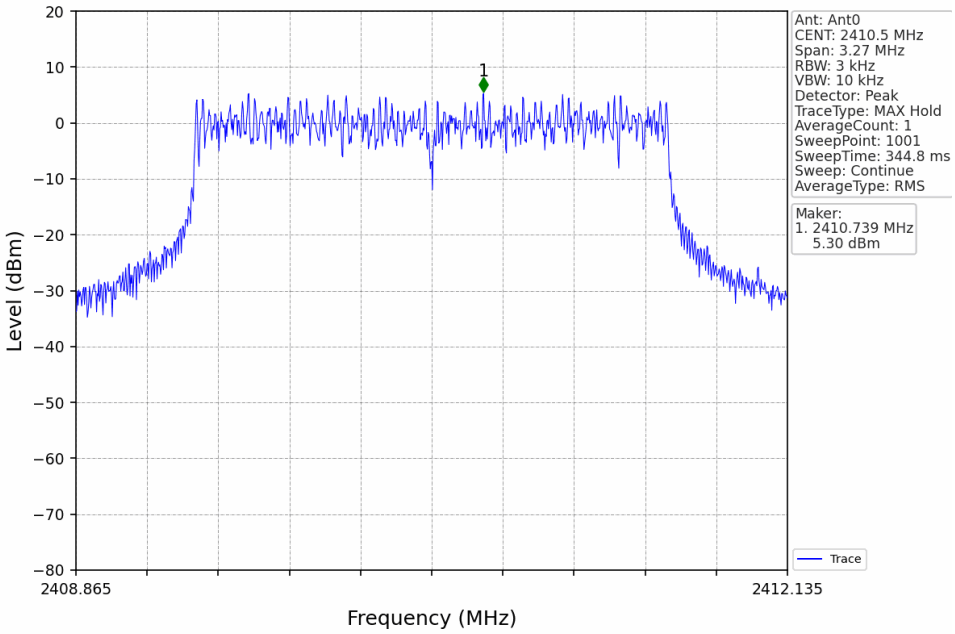


3M_LCH_2410.5MHz_Ant0_NTNV



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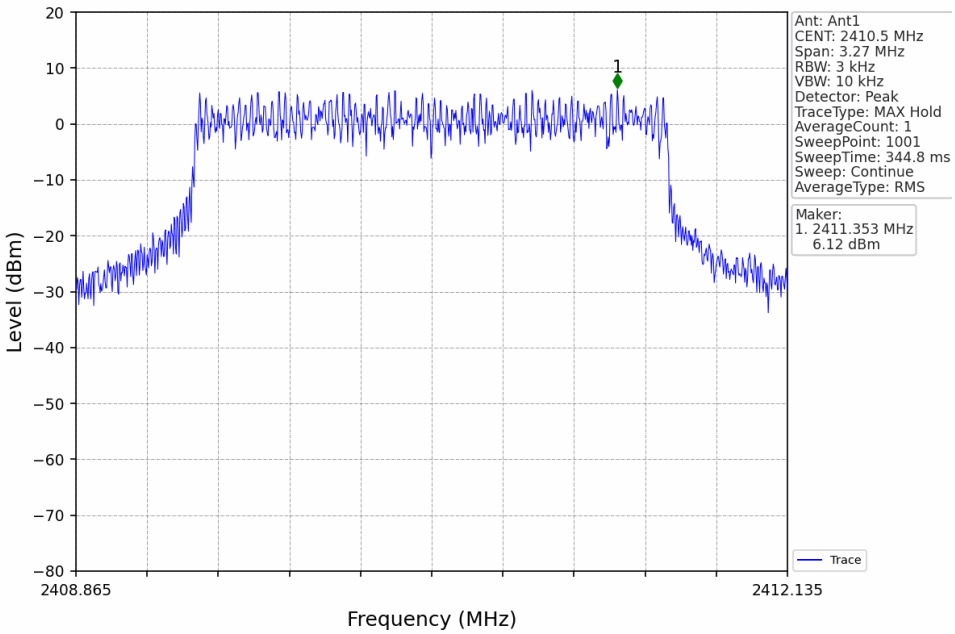
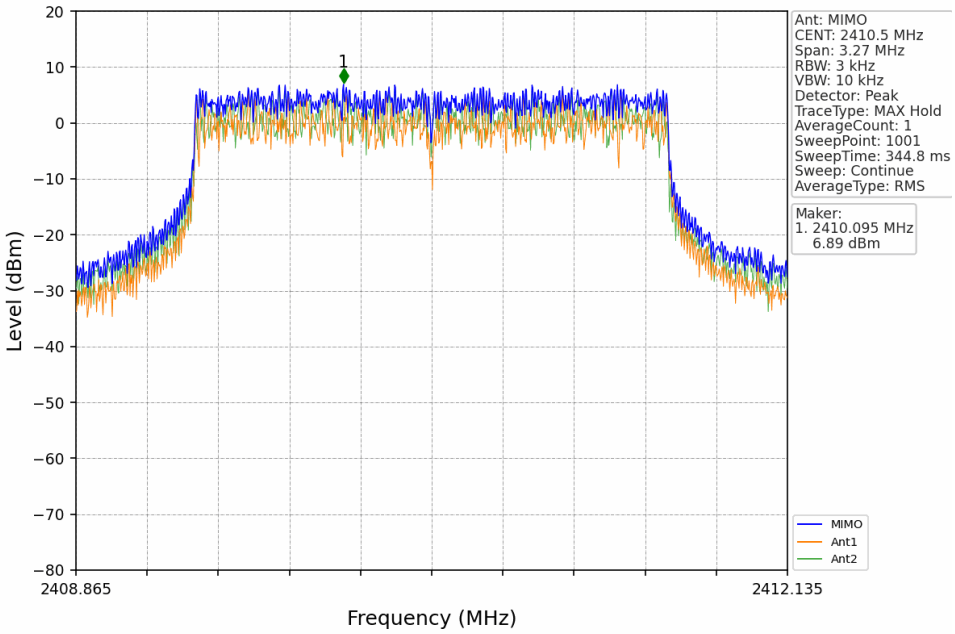


3M_LCH_2410.5MHz_MIMO_NTNV



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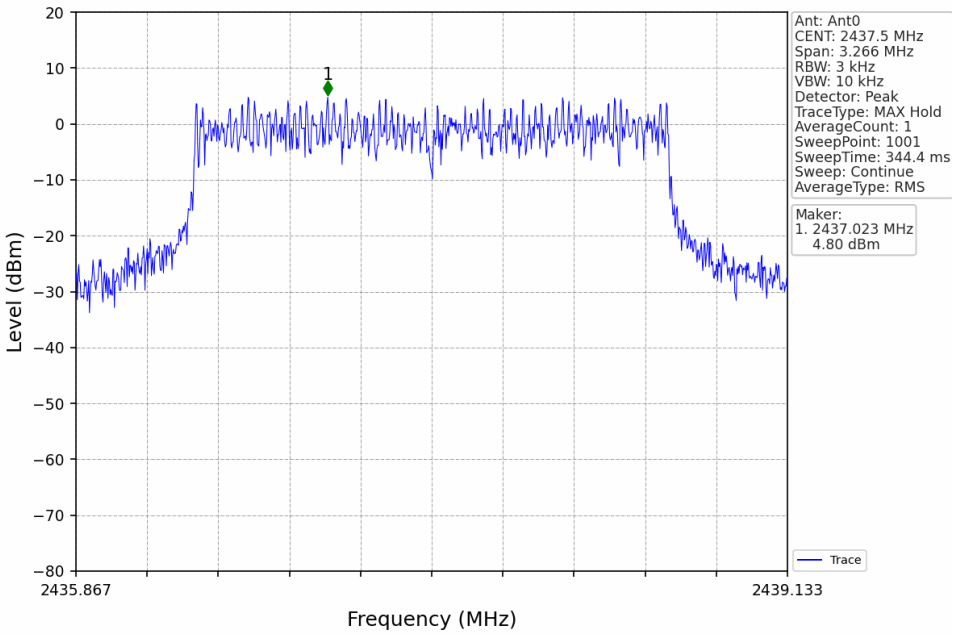
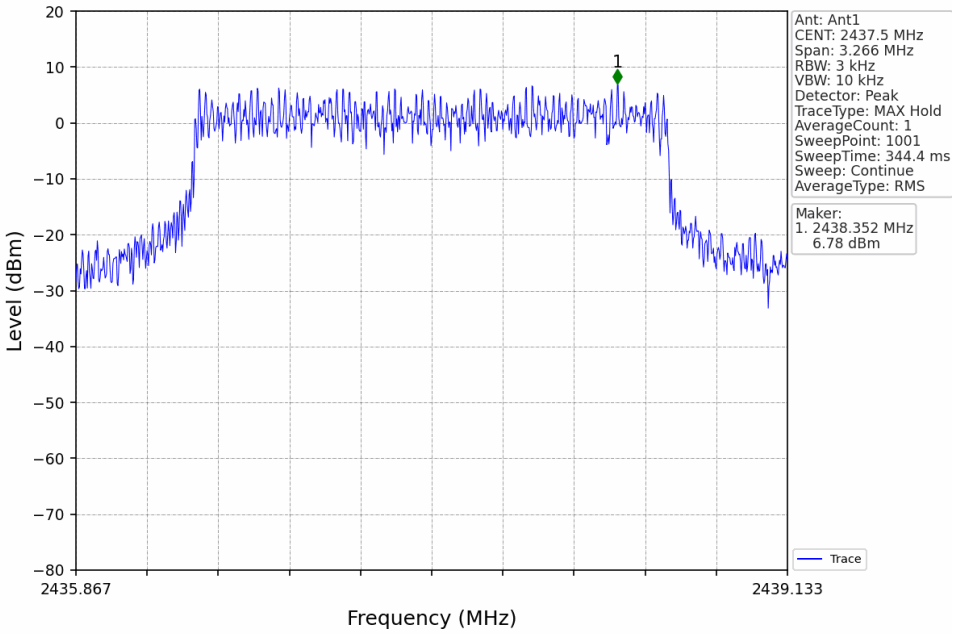


3M_MCH_2437.5MHz_Ant1_NTNV



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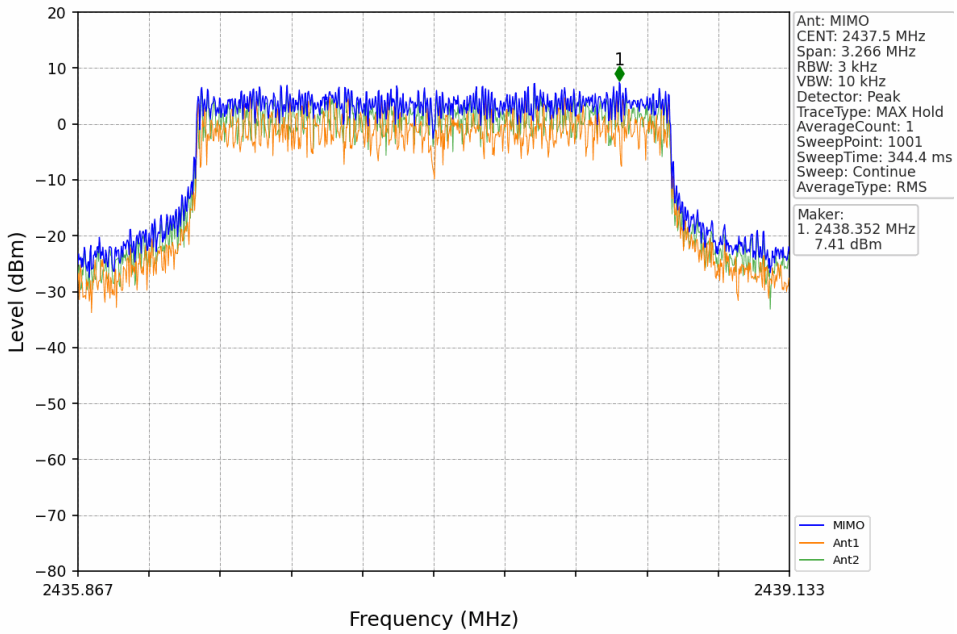
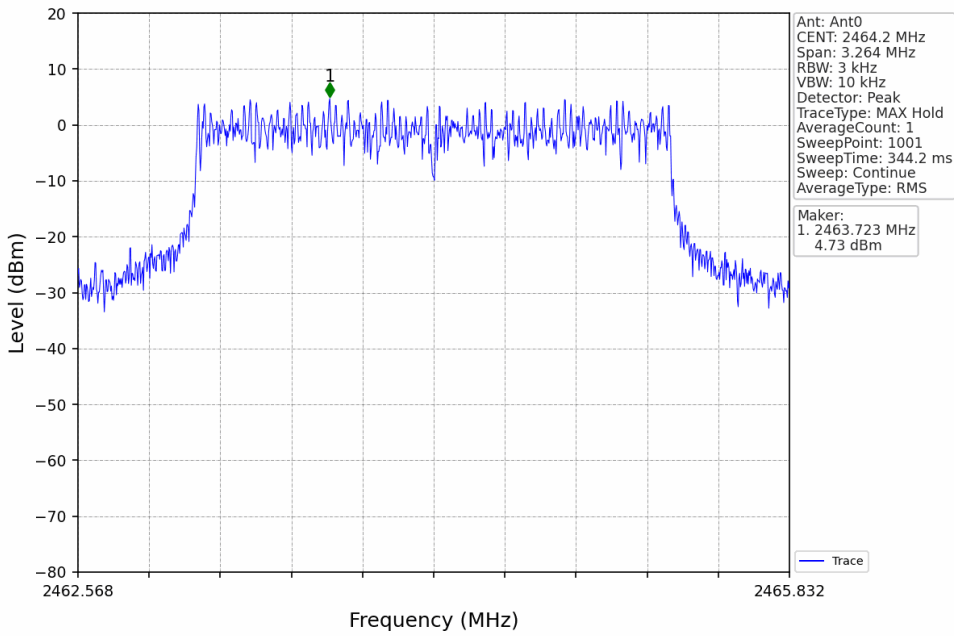
3M_MCH_2437.5MHz_MIMO_NTNV



3M_HCH_2464.2MHz_Ant0_NTNV



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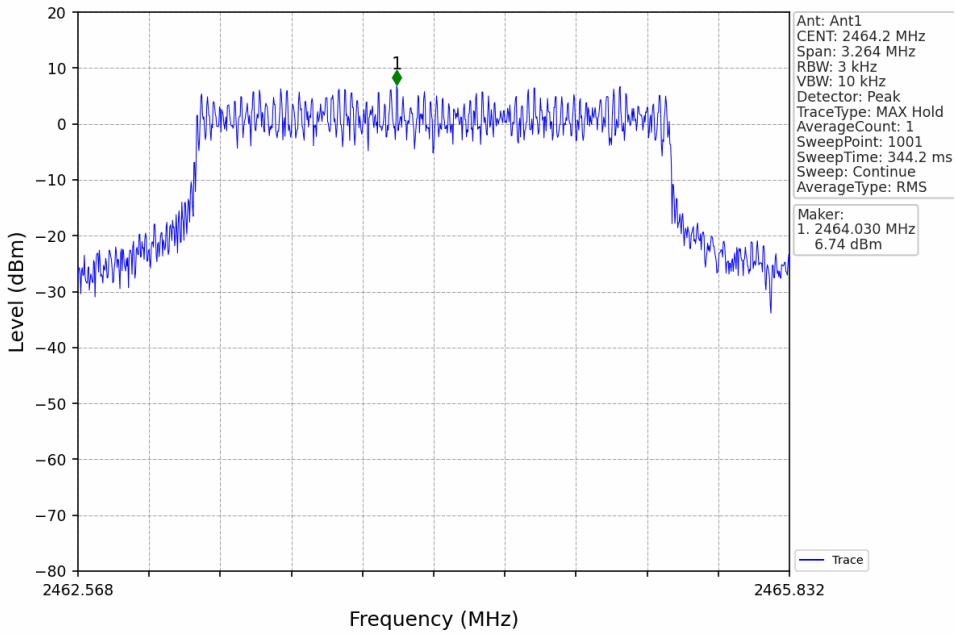
3M_HCH_2464.2MHz_Ant1_NTNV



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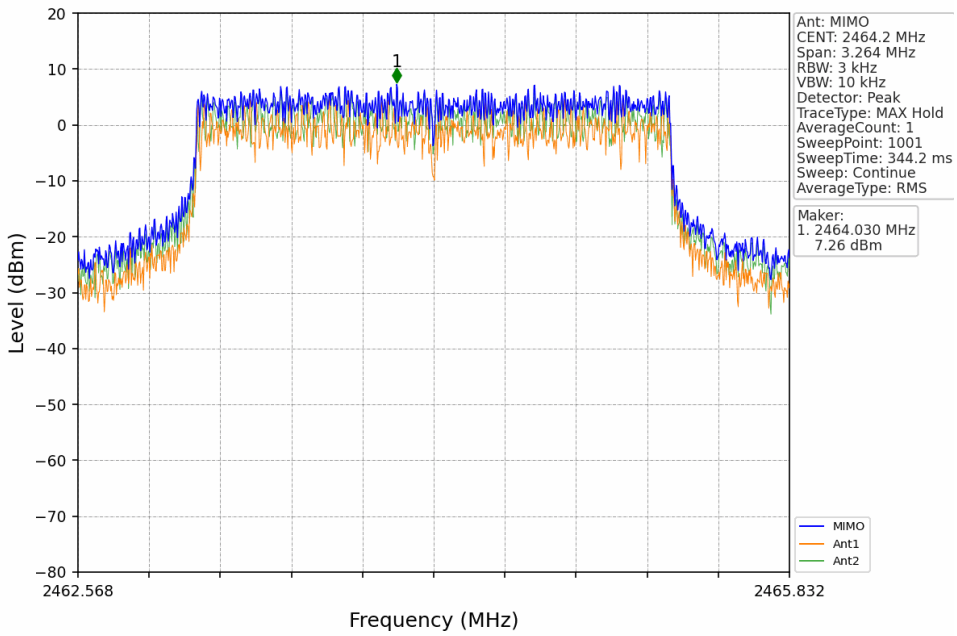

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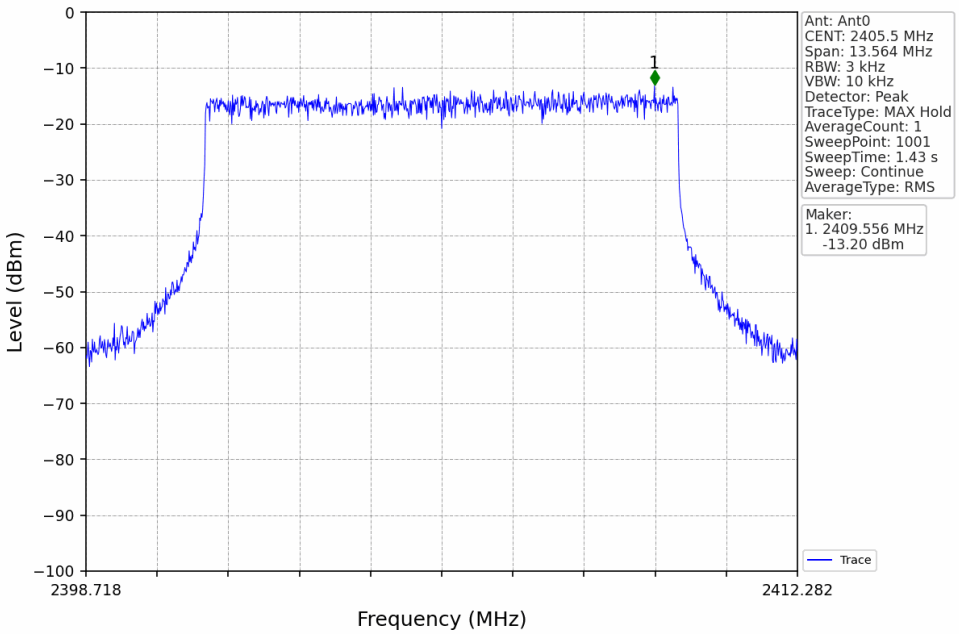
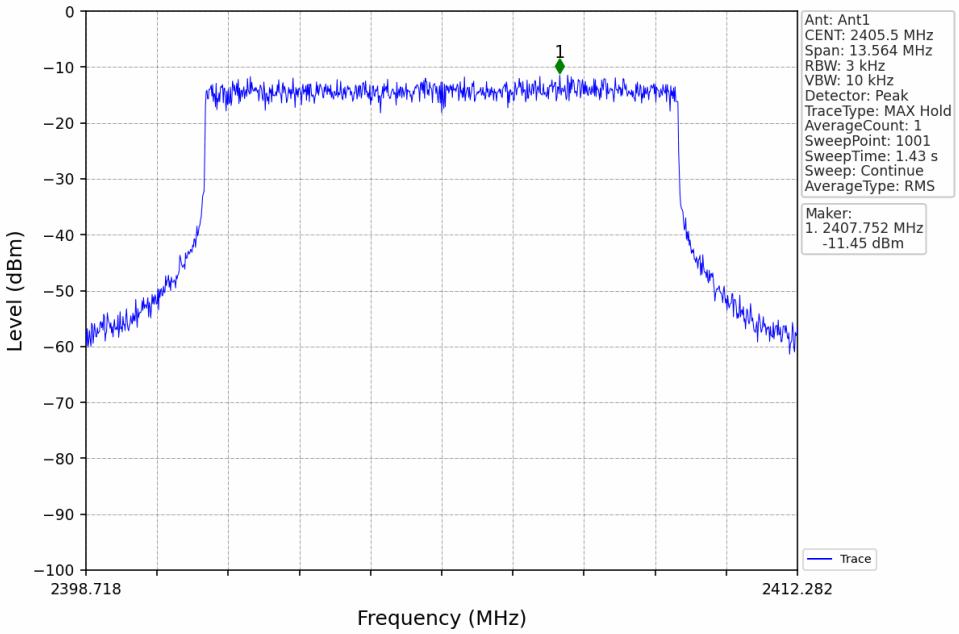
10M_LCH_2405.5MHz_Ant0_NTNV



10M_LCH_2405.5MHz_Ant1_NTNV



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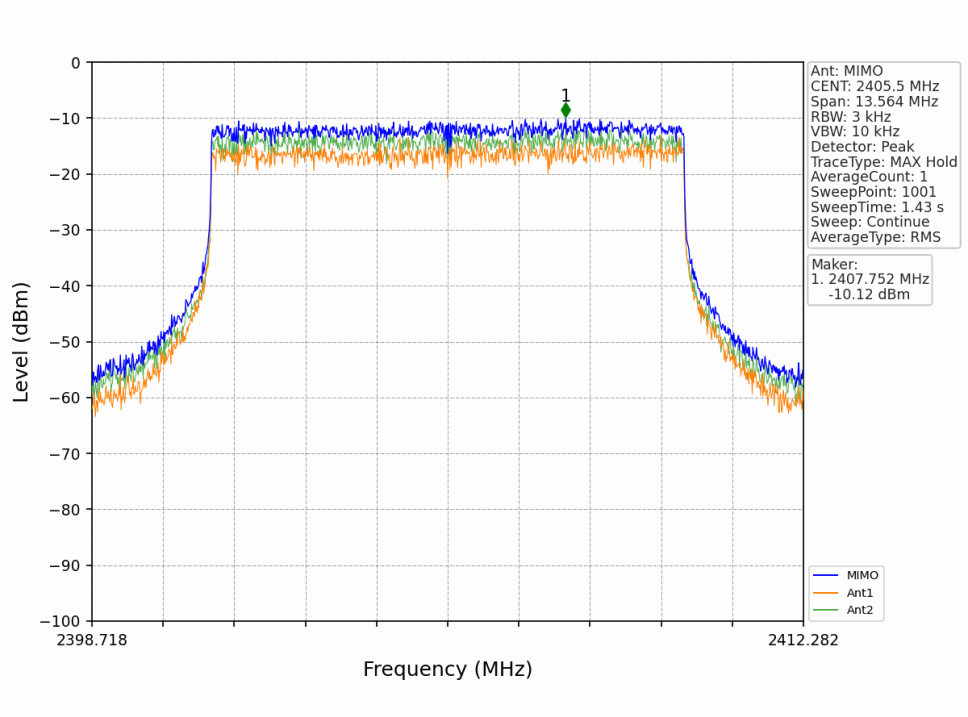
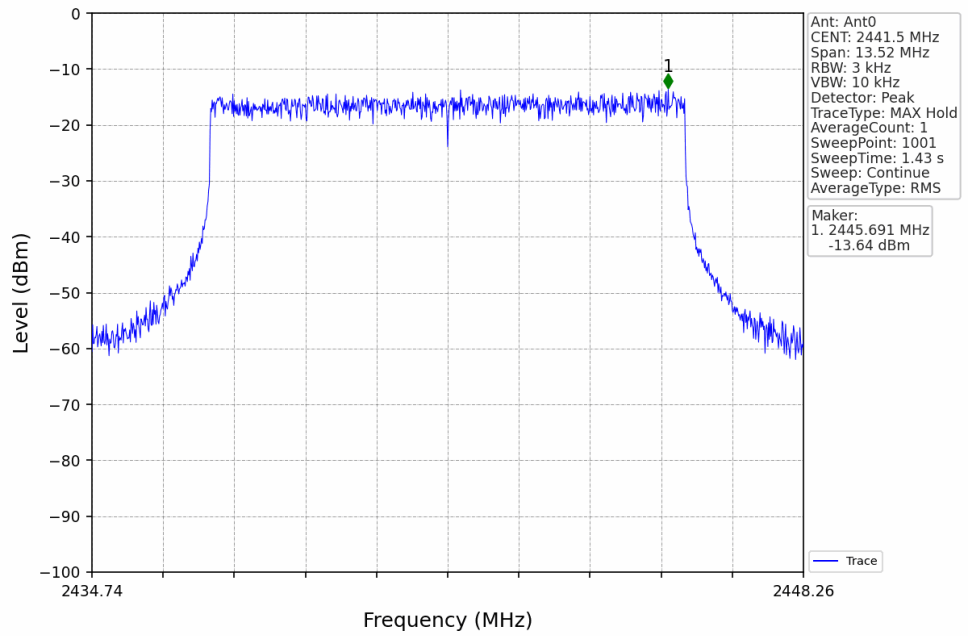
10M_LCH_2405.5MHz_MIMO_NTNV



10M_MCH_2441.5MHz_Ant0_NTNV



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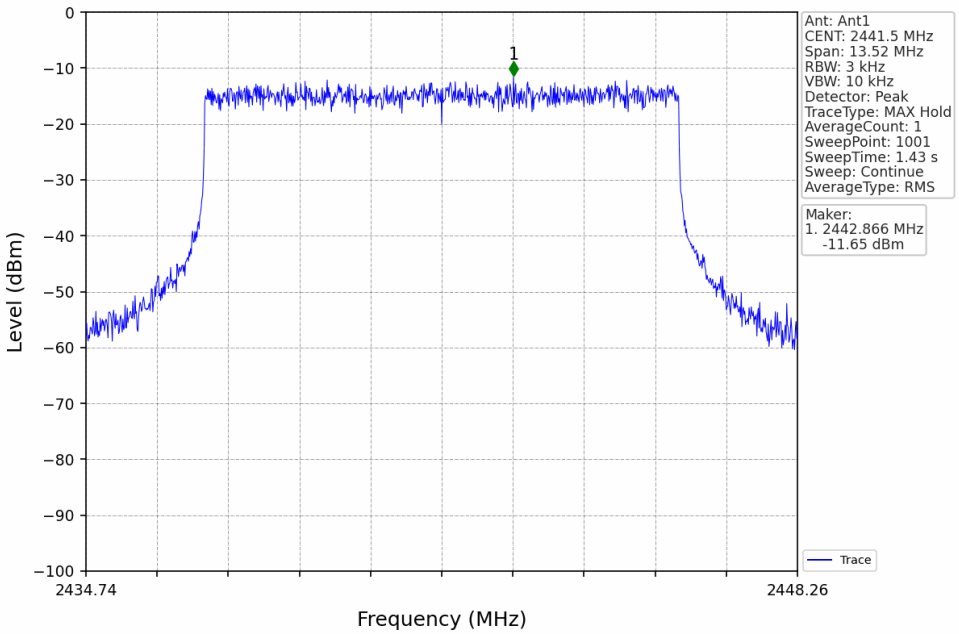
10M_MCH_2441.5MHz_Ant1_NTNV



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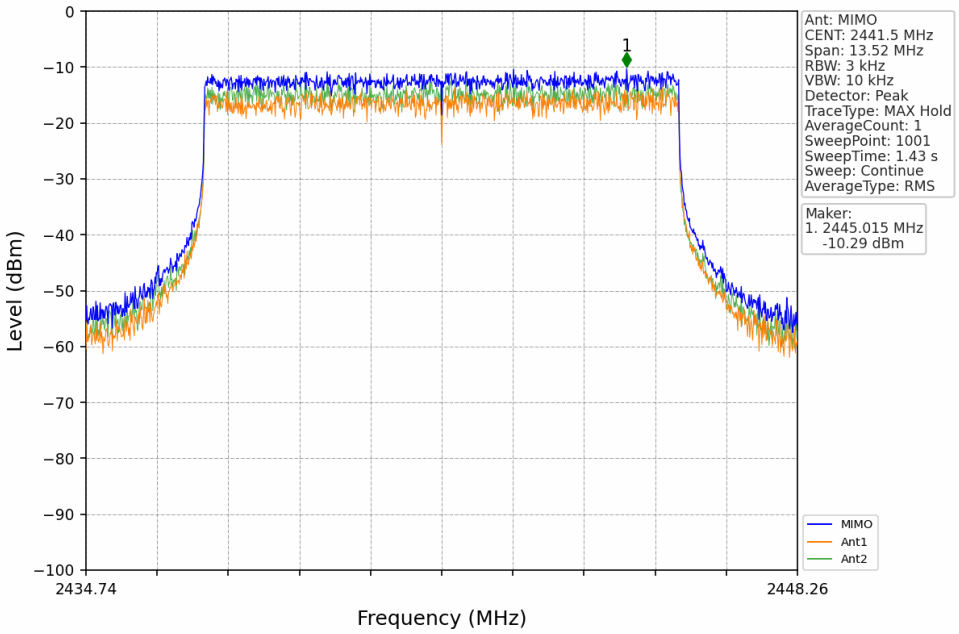

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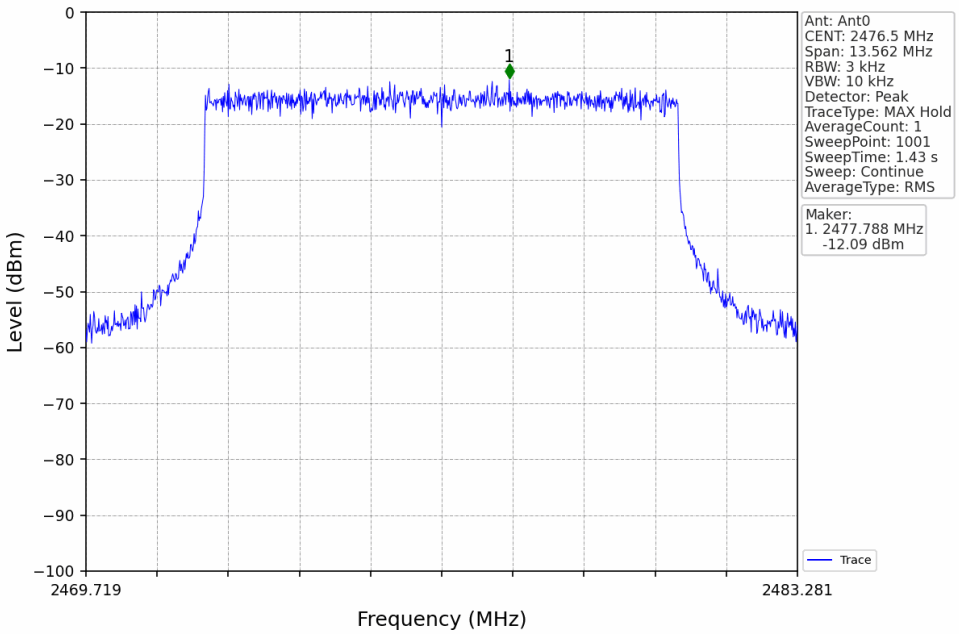
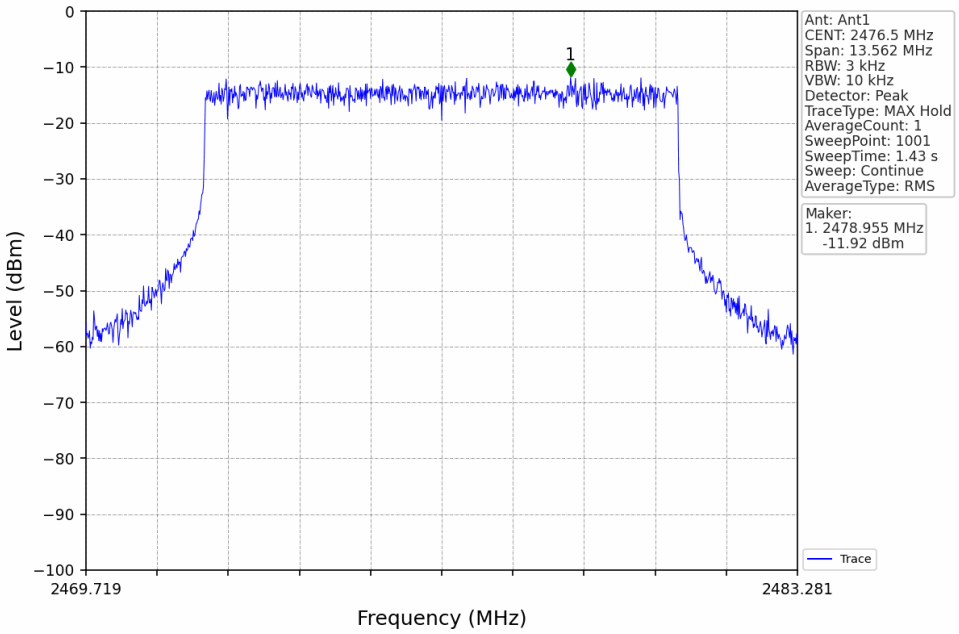
10M_HCH_2476.5MHz_Ant0_NTNV



10M_HCH_2476.5MHz_Ant1_NTNV



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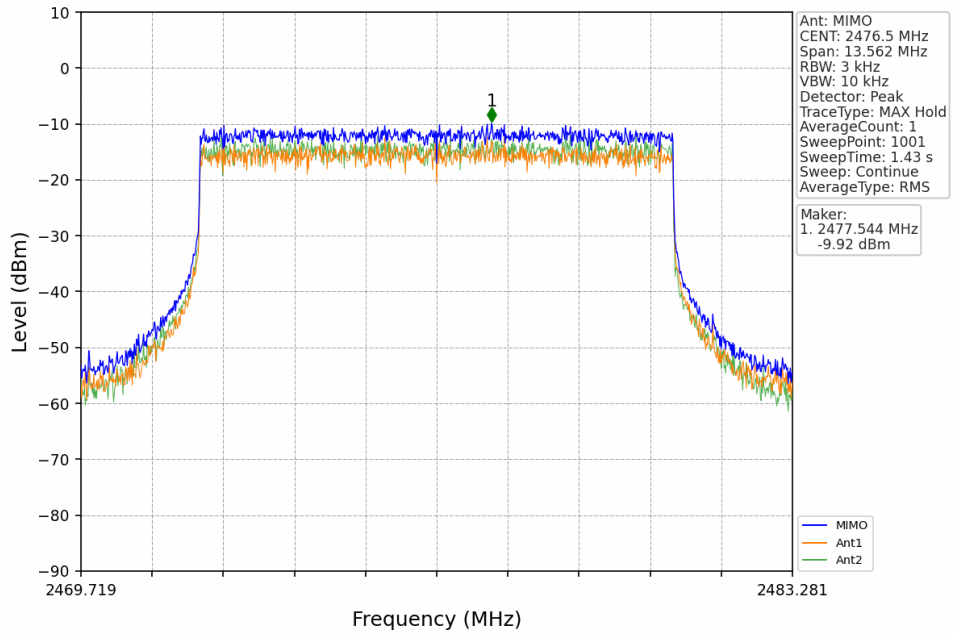
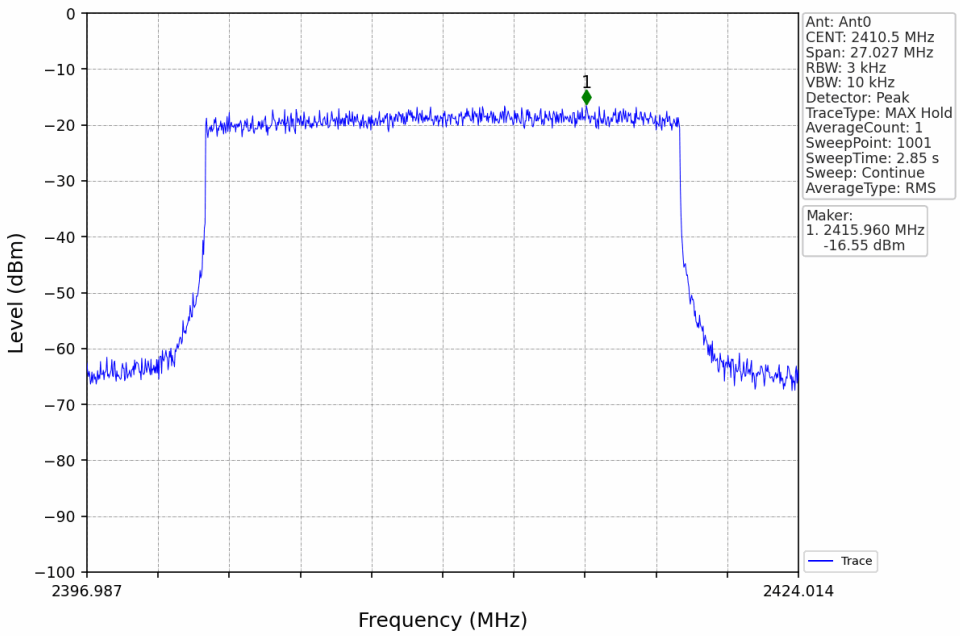
10M_HCH_2476.5MHz_MIMO_NTNV



20M_LCH_2410.5MHz_Ant0_NTNV



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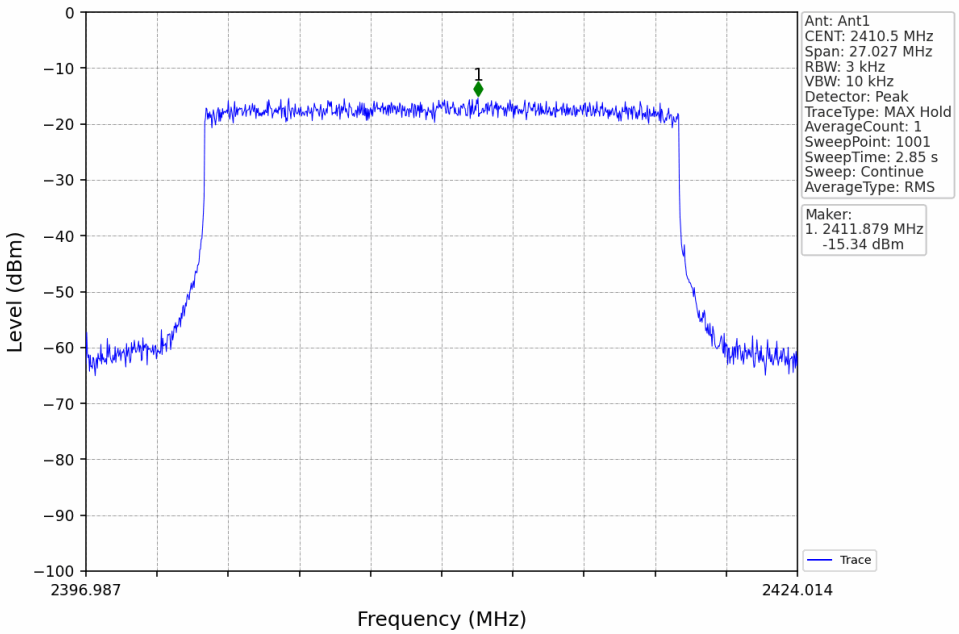
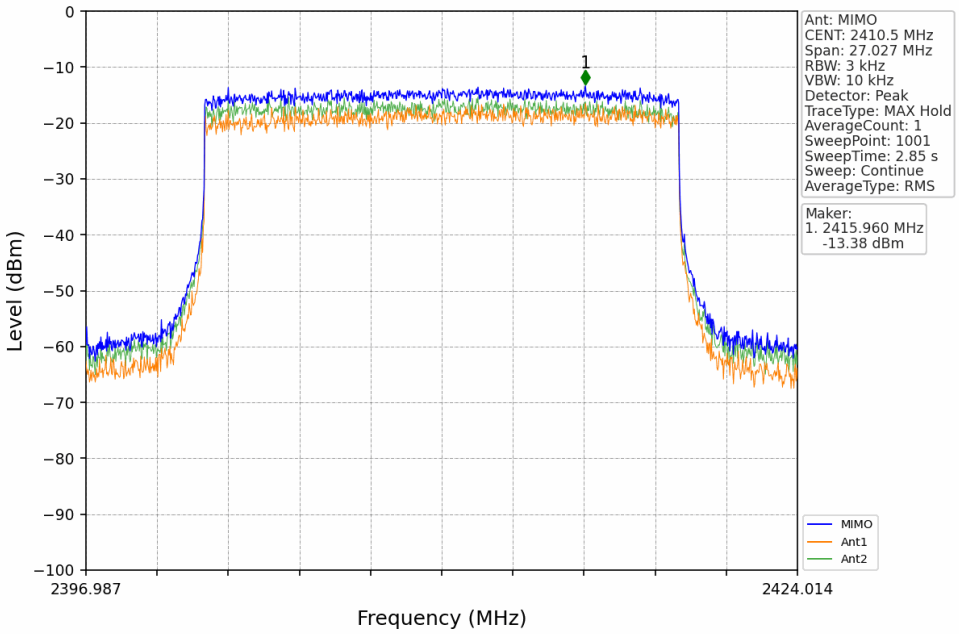
20M_LCH_2410.5MHz_Ant1_NTNV



20M_LCH_2410.5MHz_MIMO_NTNV



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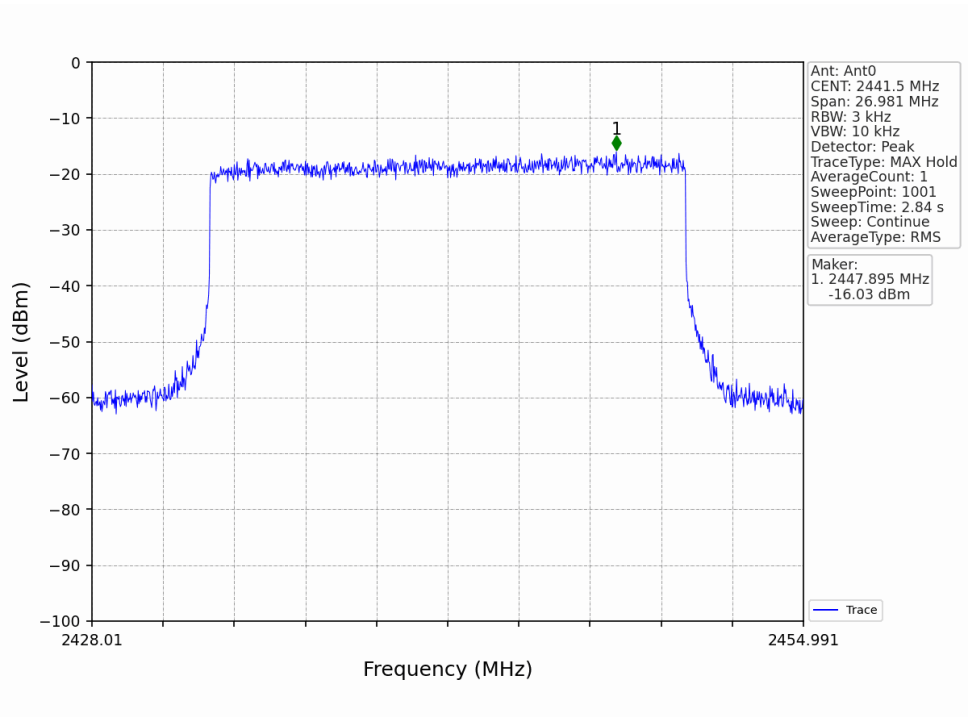
20M_MCH_2441.5MHz_Ant0_NTNV



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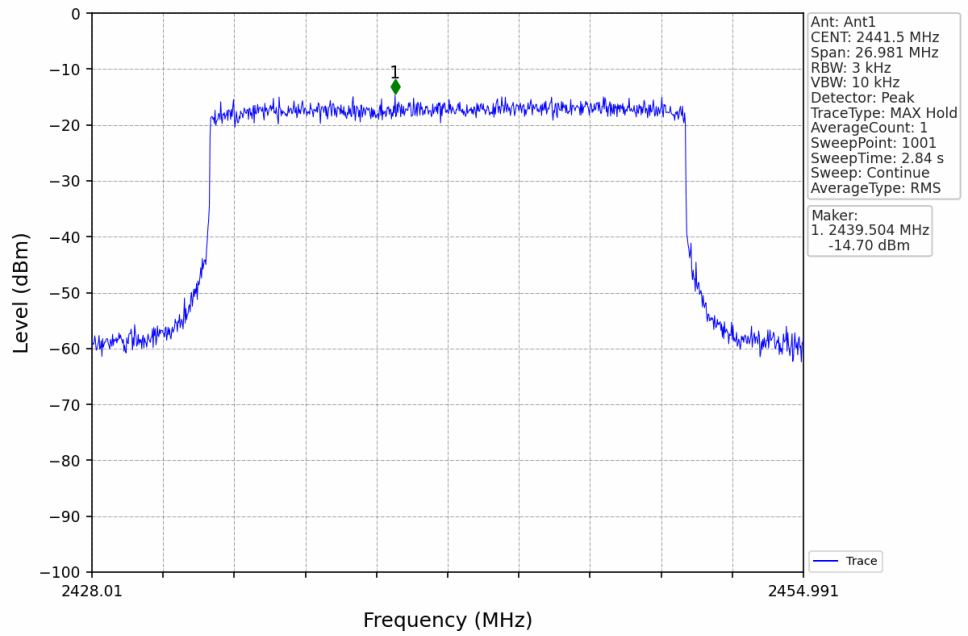

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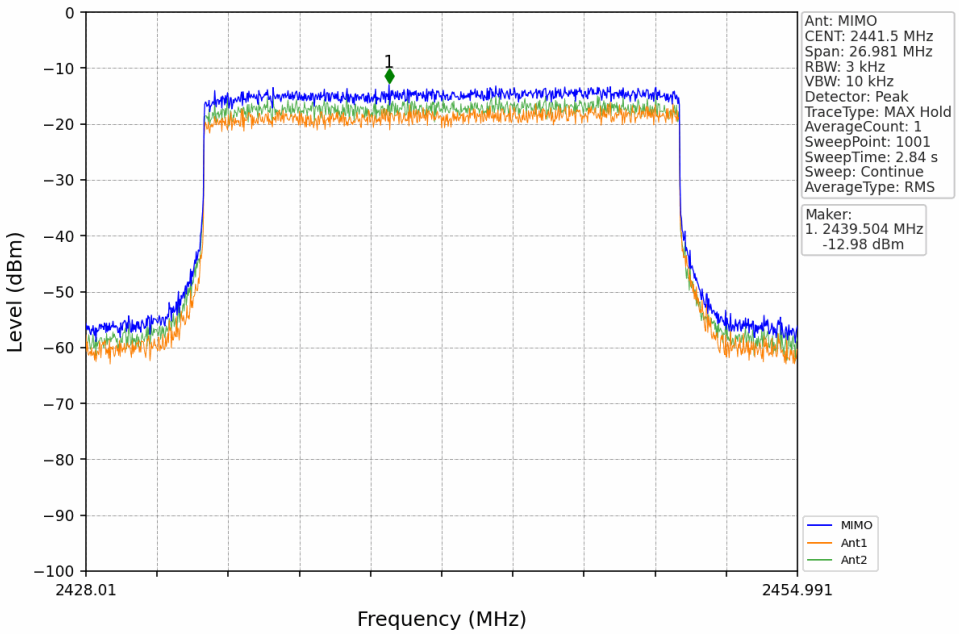
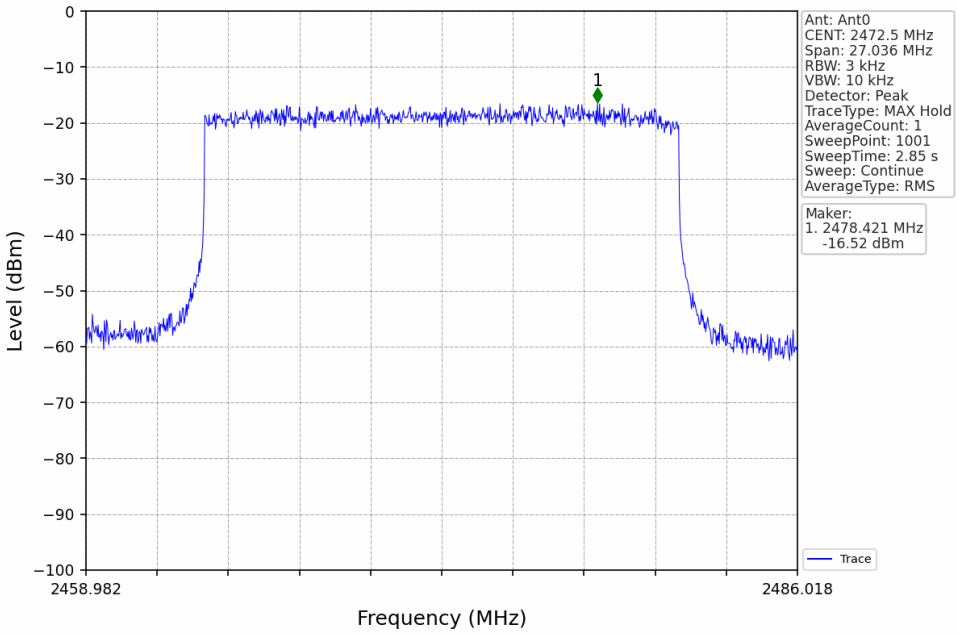
20M_MCH_2441.5MHz_MIMO_NTNV



20M_HCH_2472.5MHz_Ant0_NTNV



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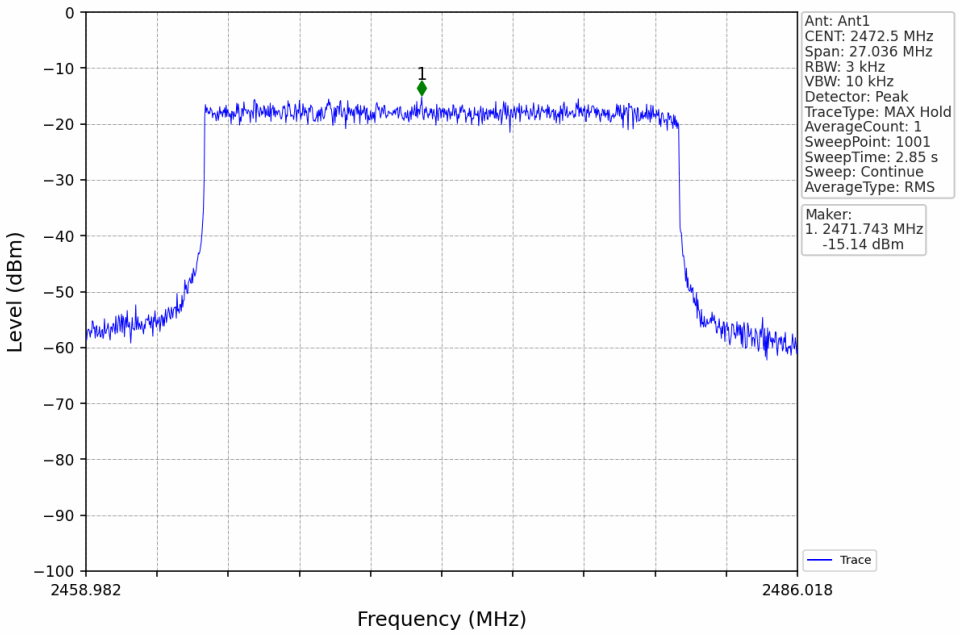
20M_HCH_2472.5MHz_Ant1_NTNV



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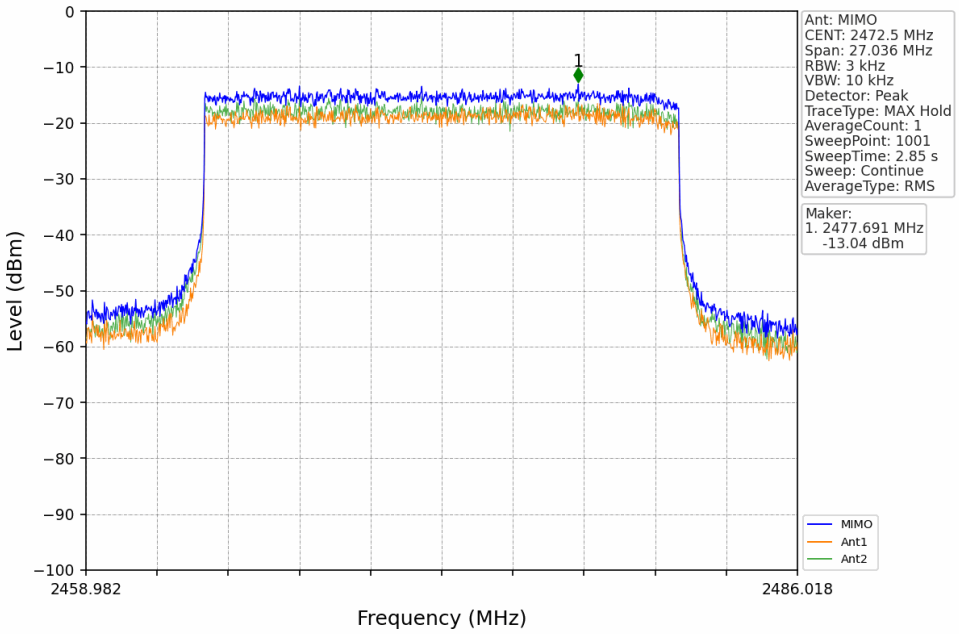

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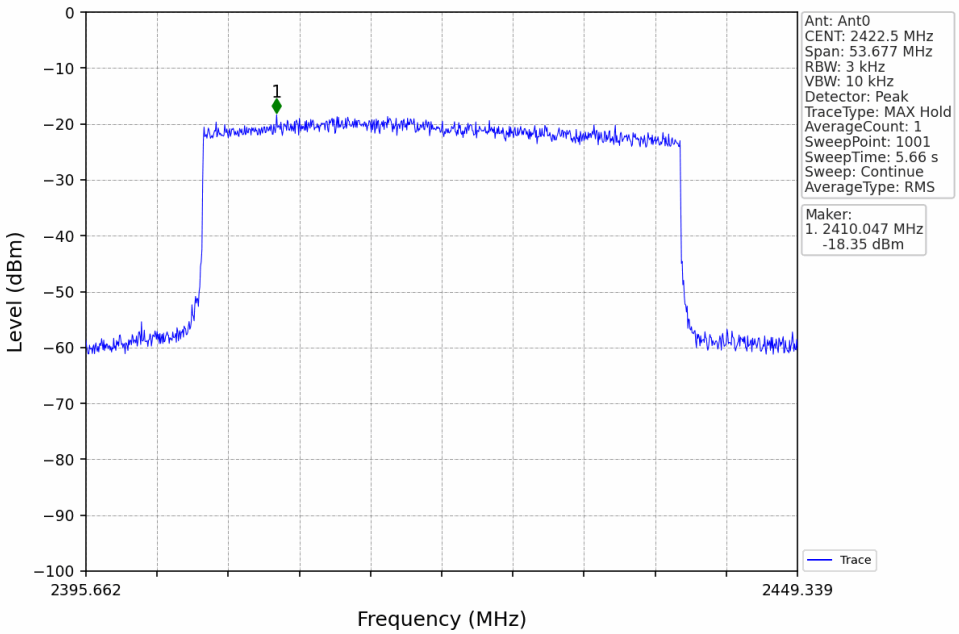
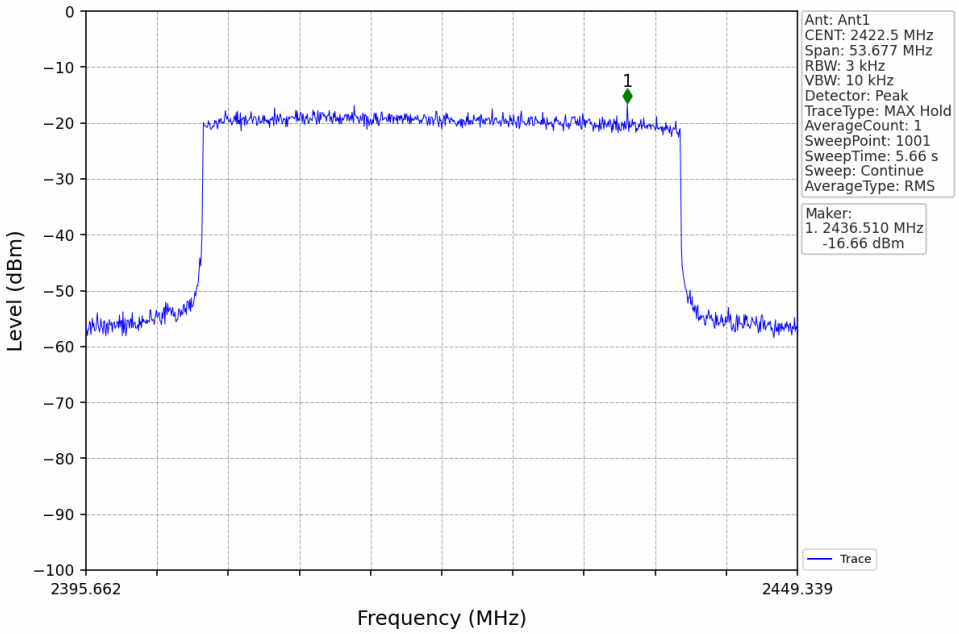
40M_LCH_2422.5MHz_Ant0_NTNV



40M_LCH_2422.5MHz_Ant1_NTNV



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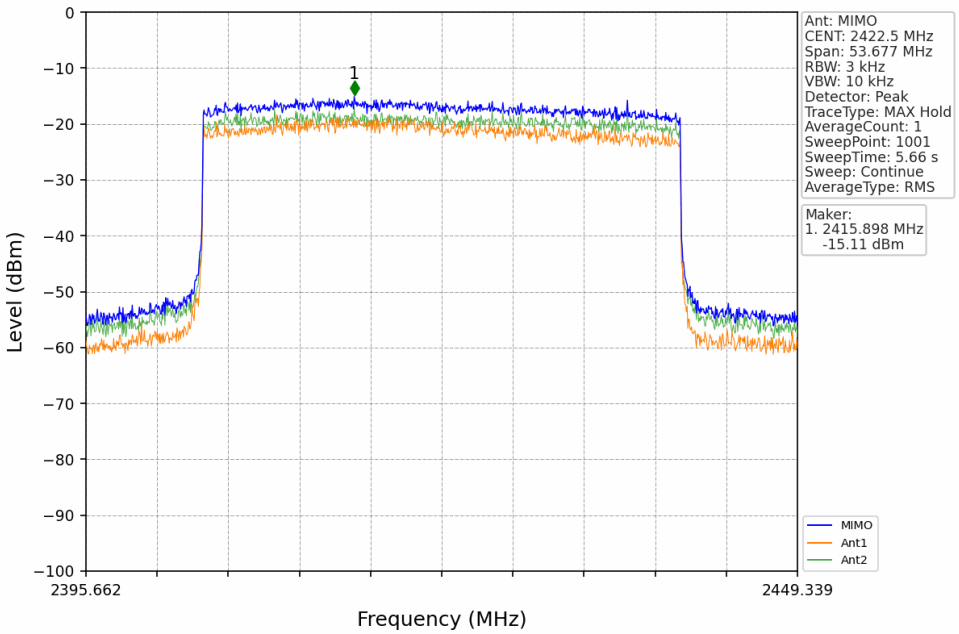
40M_LCH_2422.5MHz_MIMO_NTNV



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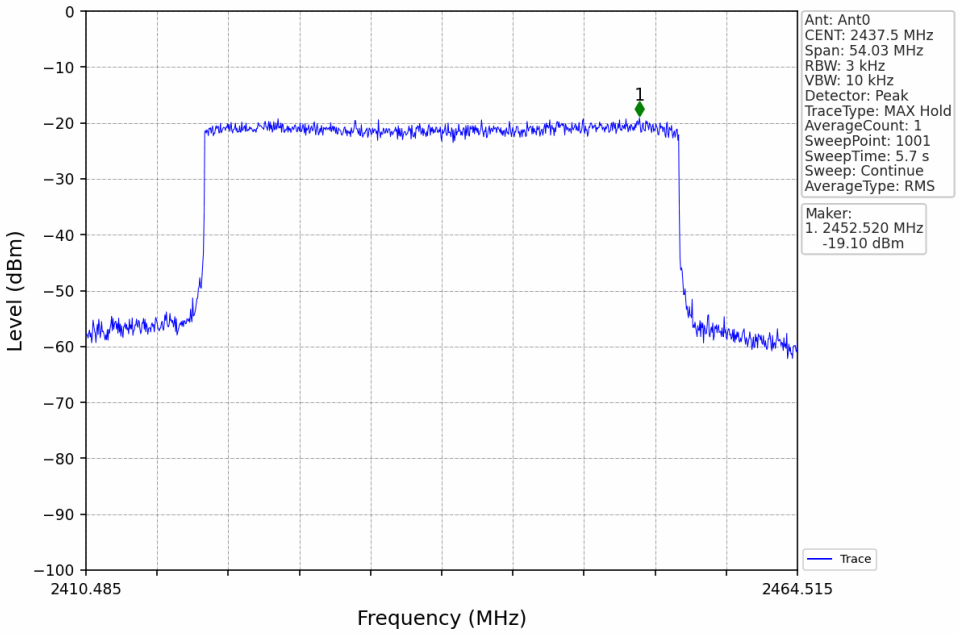

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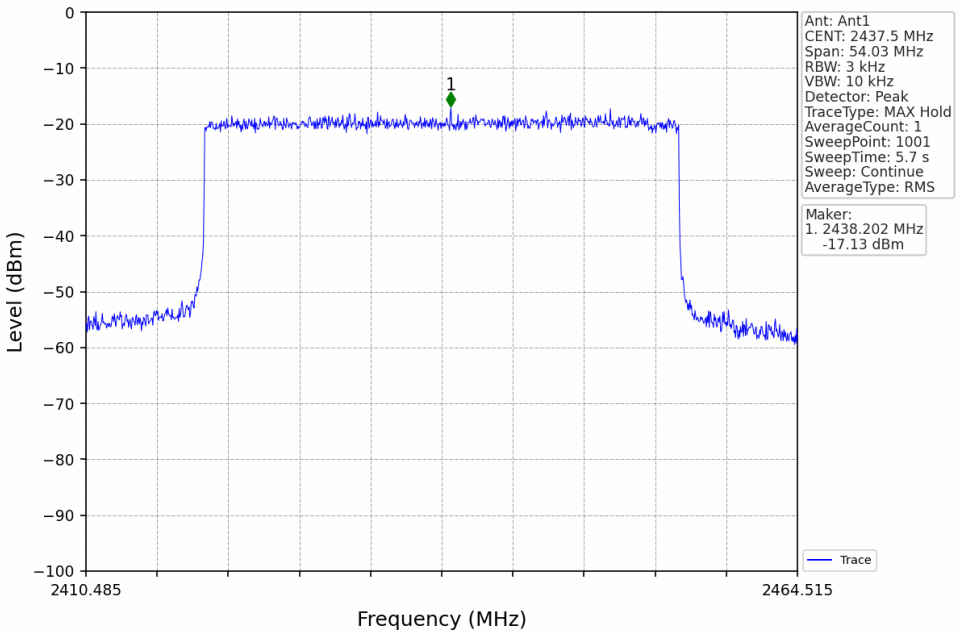
40M_MCH_2437.5MHz_Ant1_NTNV



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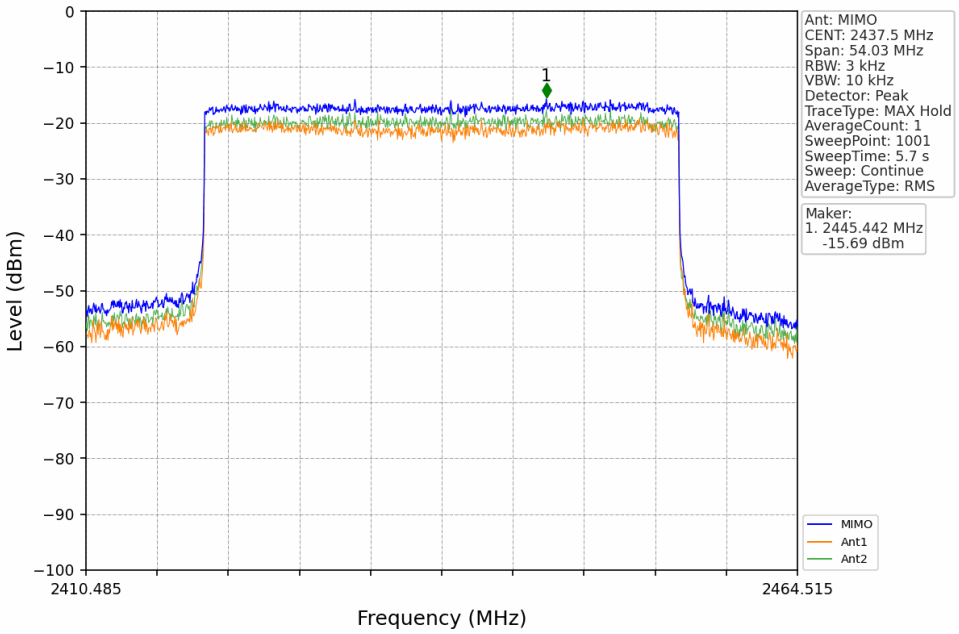

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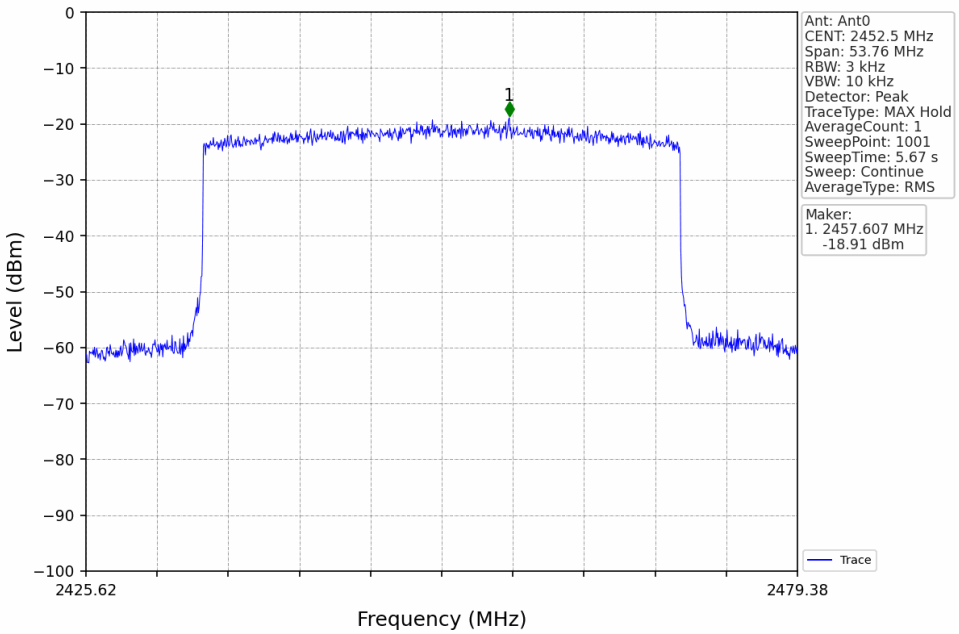
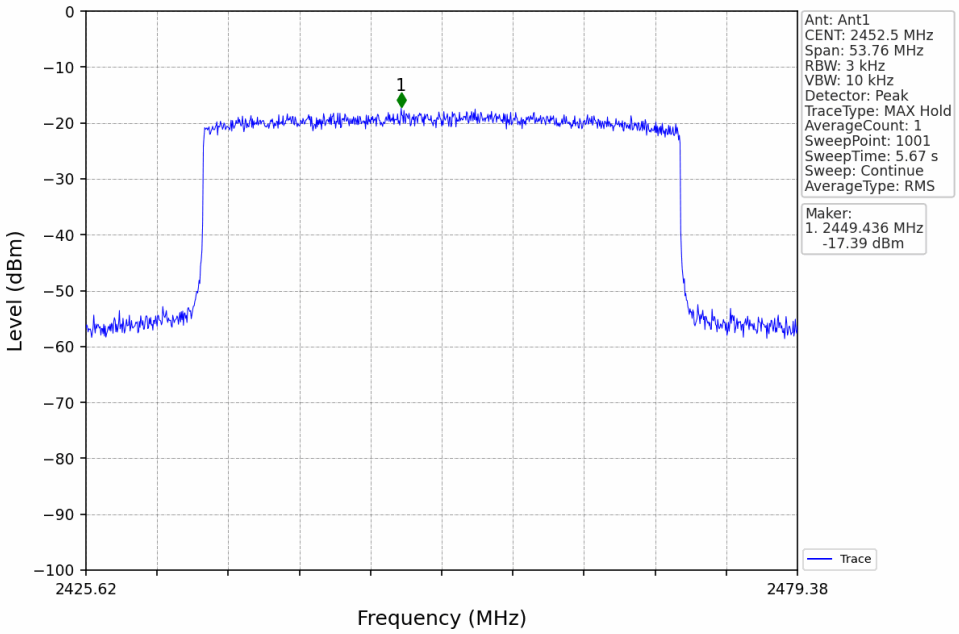
40M_HCH_2452.5MHz_Ant0_NTNV



40M_HCH_2452.5MHz_Ant1_NTNV



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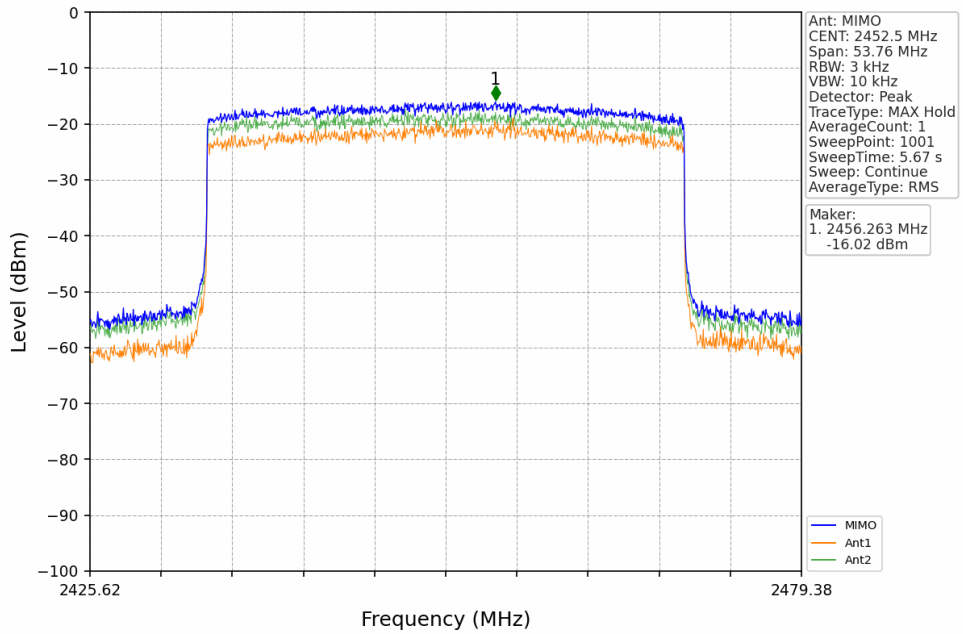
40M_HCH_2452.5MHz_MIMO_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1.4M	MIMO	2409.5	0	21.50
			1	22.12
		2437.5	0	21.15
			1	22.61
		2465.12	0	21.35
			1	22.69
3M	MIMO	2410.5	0	18.61
			1	19.36
		2437.5	0	17.78
			1	19.74
		2464.2	0	17.84
			1	19.66
10M	MIMO	2405.5	0	4.72
			1	6.68
		2441.5	0	5.47
			1	7.04
		2476.5	0	4.73
			1	5.62
20M	MIMO	2410.5	0	-0.08
			1	2.97
		2441.5	0	0.40
			1	2.52
		2472.5	0	0.01
			1	0.70
40M	MIMO	2422.5	0	-0.39
			1	-1.20

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		2437.5	0	-1.86
			1	-0.86
		2452.5	0	-2.65
			1	-1.01

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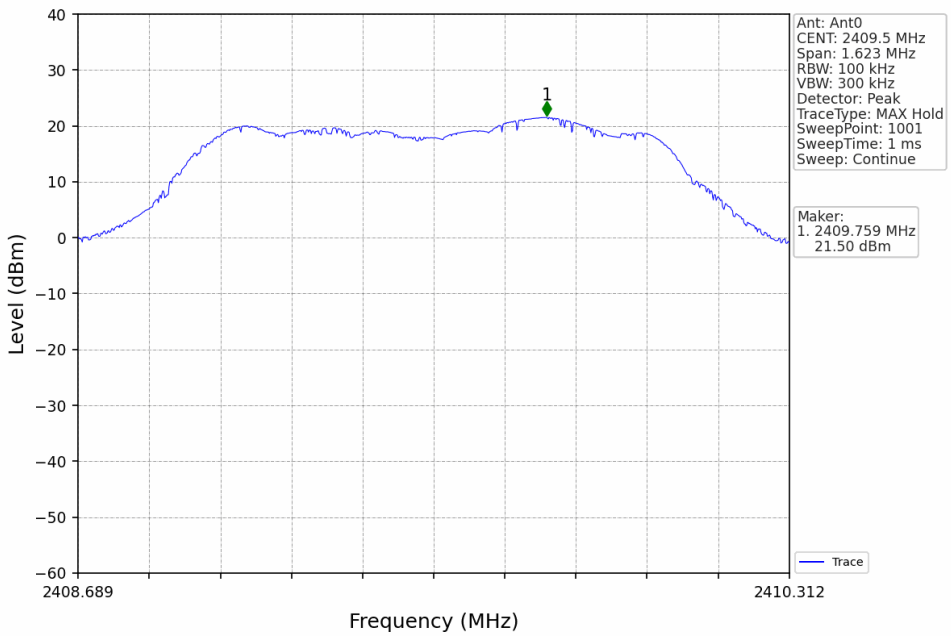
5.1.2 Test Graph

1.4M_LCH_2409.5MHz_Ant0_NTNV



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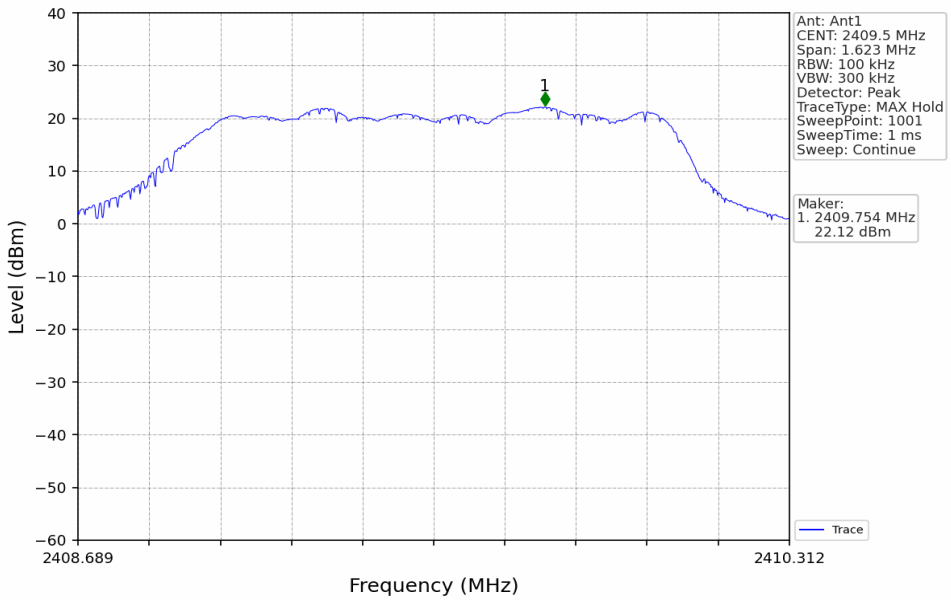

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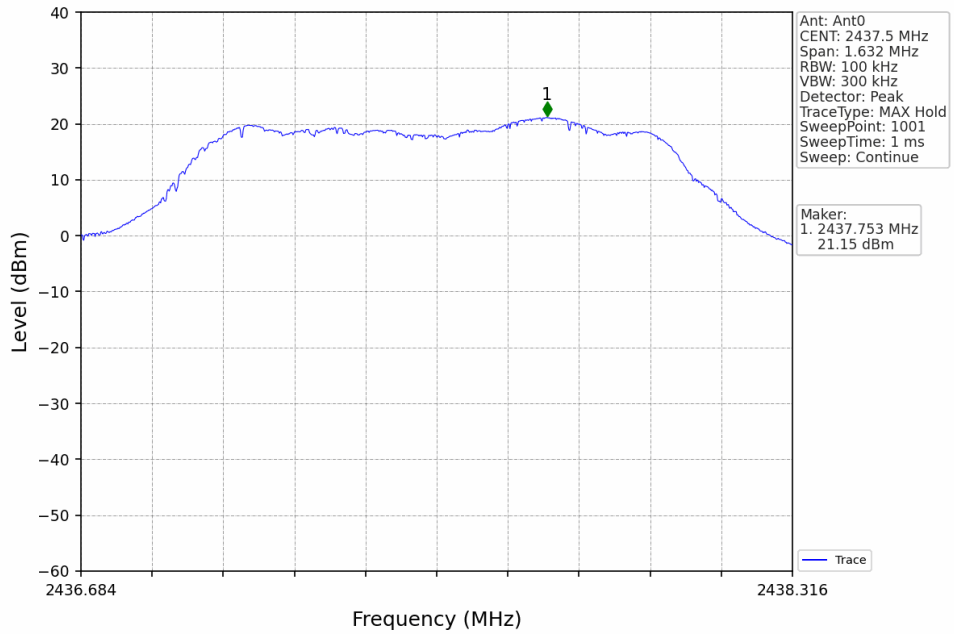
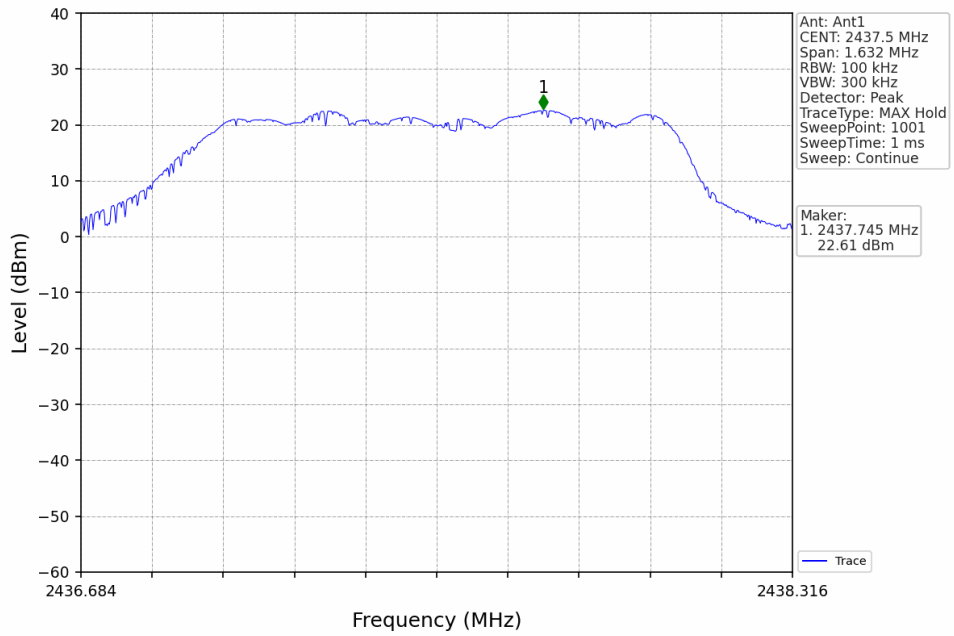


1.4M_MCH_2437.5MHz_Ant1_NTNV



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