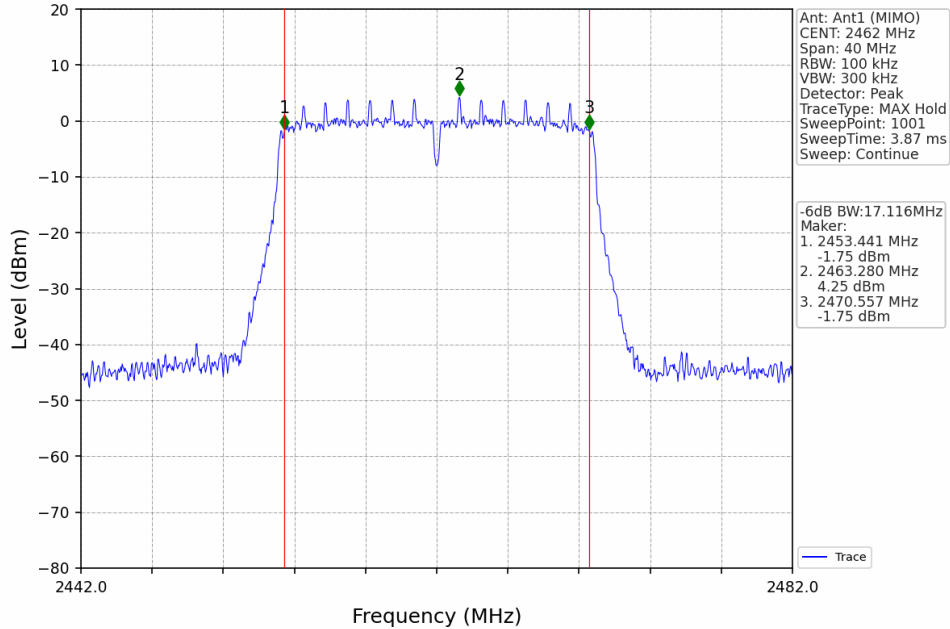
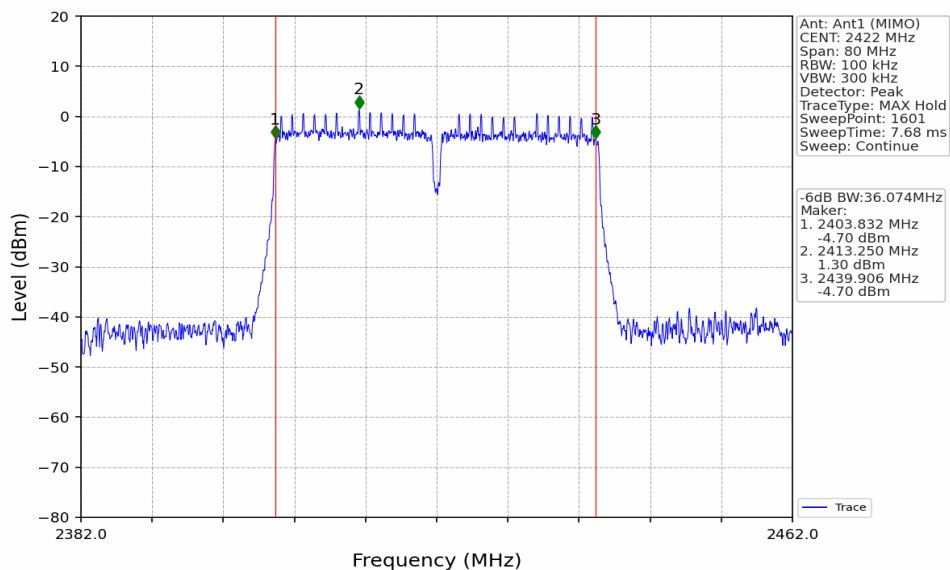


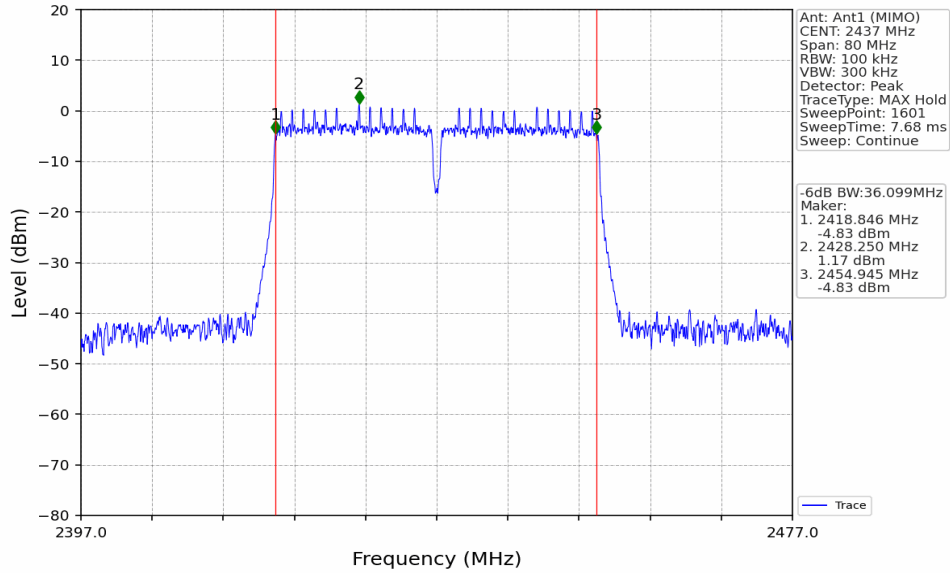
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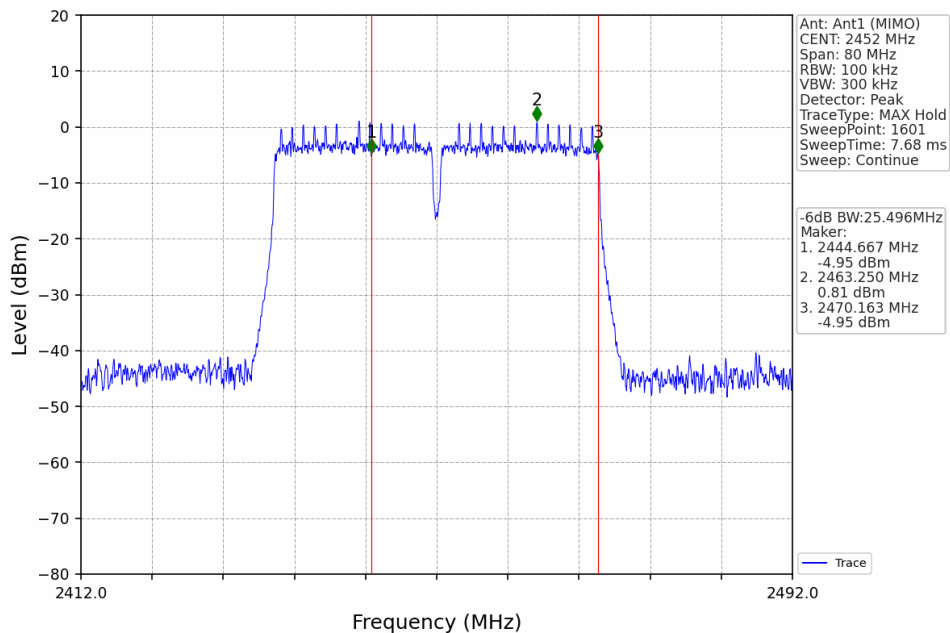
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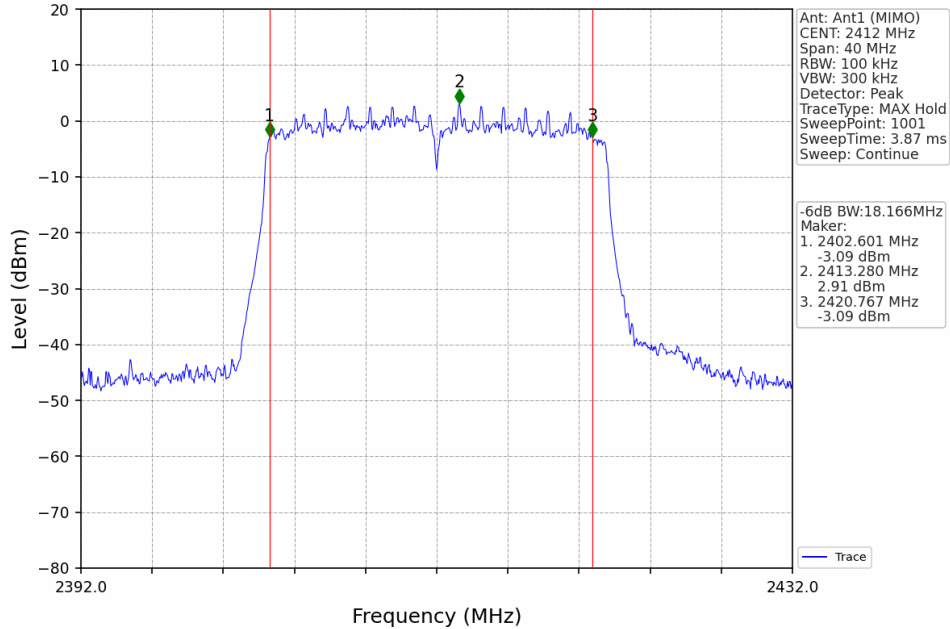
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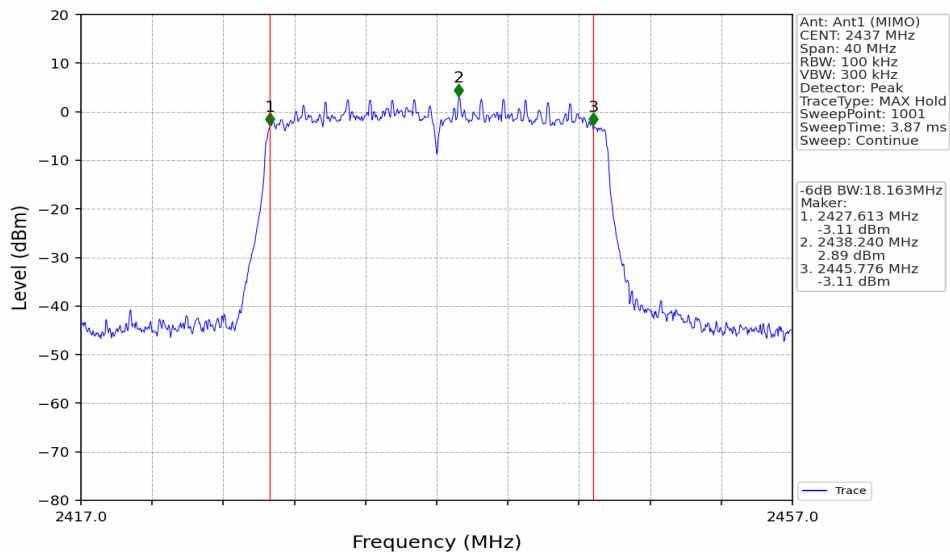
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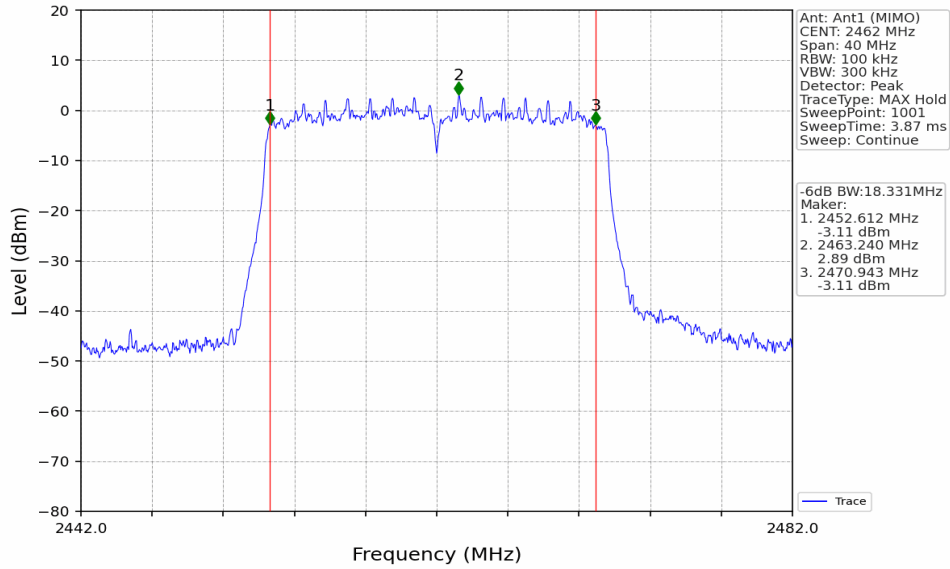
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (MIMO)_NTNV



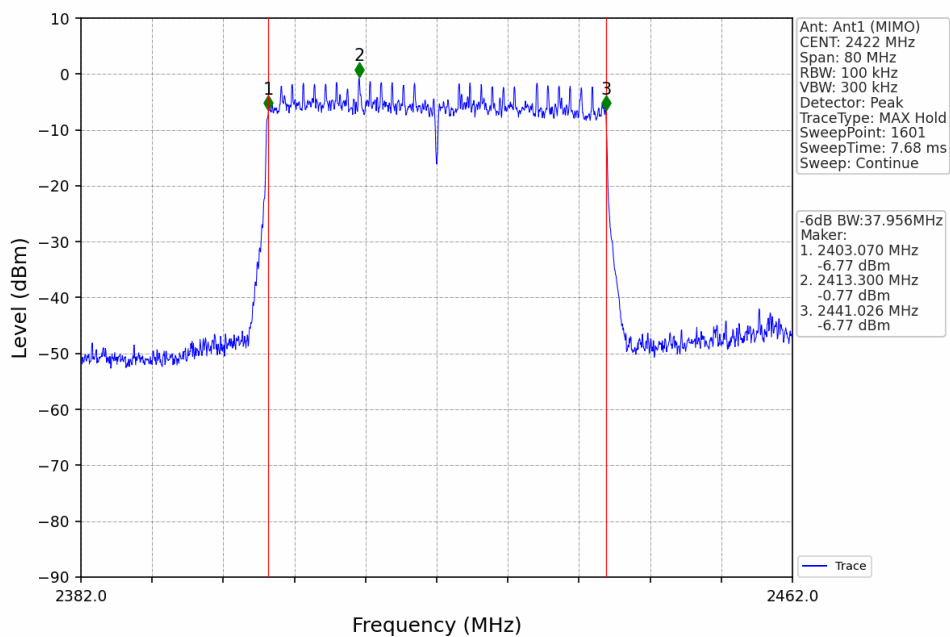
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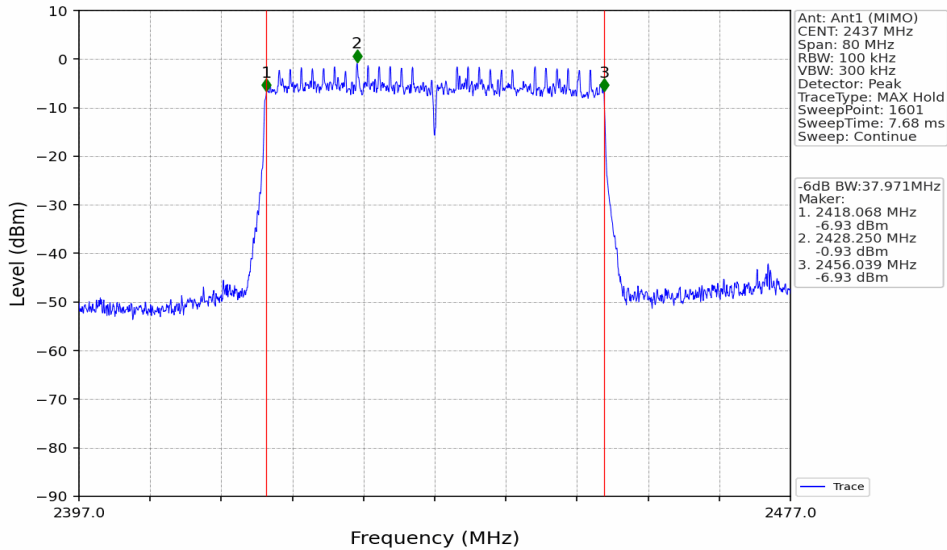
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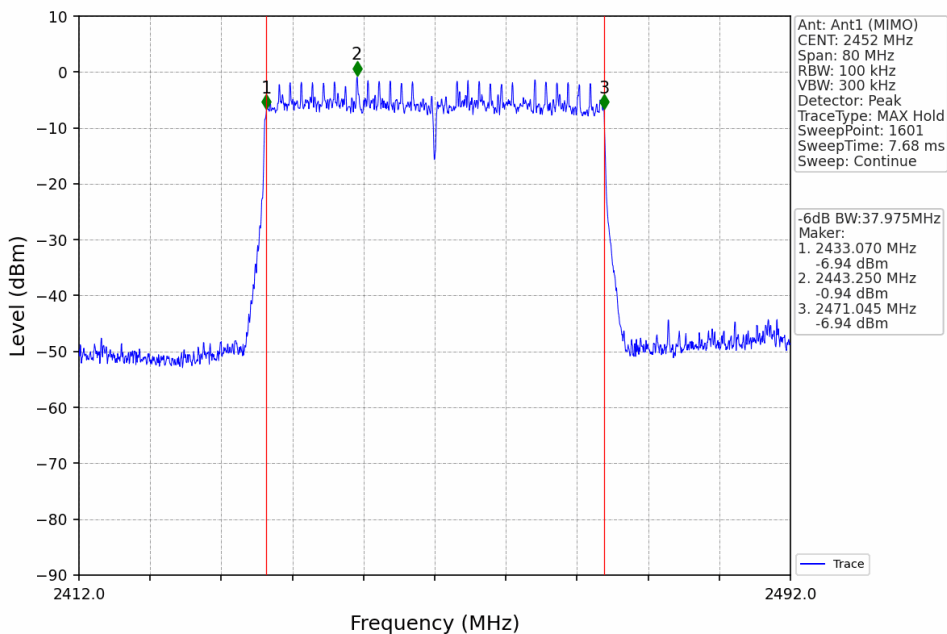
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	16.98	16.85	/	<=30	Pass
		2437	/	/	17.04	16.99	/	<=30	Pass
		2462	/	/	17.04	17.02	/	<=30	Pass
802.11g	SISO	2412	/	/	16.09	15.88	/	<=30	Pass
		2437	/	/	16.05	15.90	/	<=30	Pass
		2462	/	/	16.09	15.93	/	<=30	Pass
802.11n (HT20)	MIMO	2412	/	/	15.01	14.86	17.95	<=30	Pass
		2437	/	/	15.00	14.90	17.96	<=30	Pass
		2462	/	/	15.07	14.94	18.02	<=30	Pass
802.11n (HT40)	MIMO	2422	/	/	14.92	14.86	17.90	<=30	Pass
		2437	/	/	14.91	14.93	17.93	<=30	Pass
		2452	/	/	14.97	14.95	17.97	<=30	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	14.09	14.09	17.10	<=30	Pass
		2437	RU242	Left	14.08	14.11	17.11	<=30	Pass
		2462	RU242	Left	14.09	14.07	17.09	<=30	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	13.06	13.16	16.12	<=30	Pass
		2437	RU484	Left	13.09	13.16	16.14	<=30	Pass
		2452	RU484	Left	13.06	13.18	16.13	<=30	Pass

Remark: Antenna Gain: ANT 1: 3.94dBi; ANT 2: 3.60dBi;

Directional Gain=GANT + Array Gain=3.94 dBi+0dB=3.94dBi

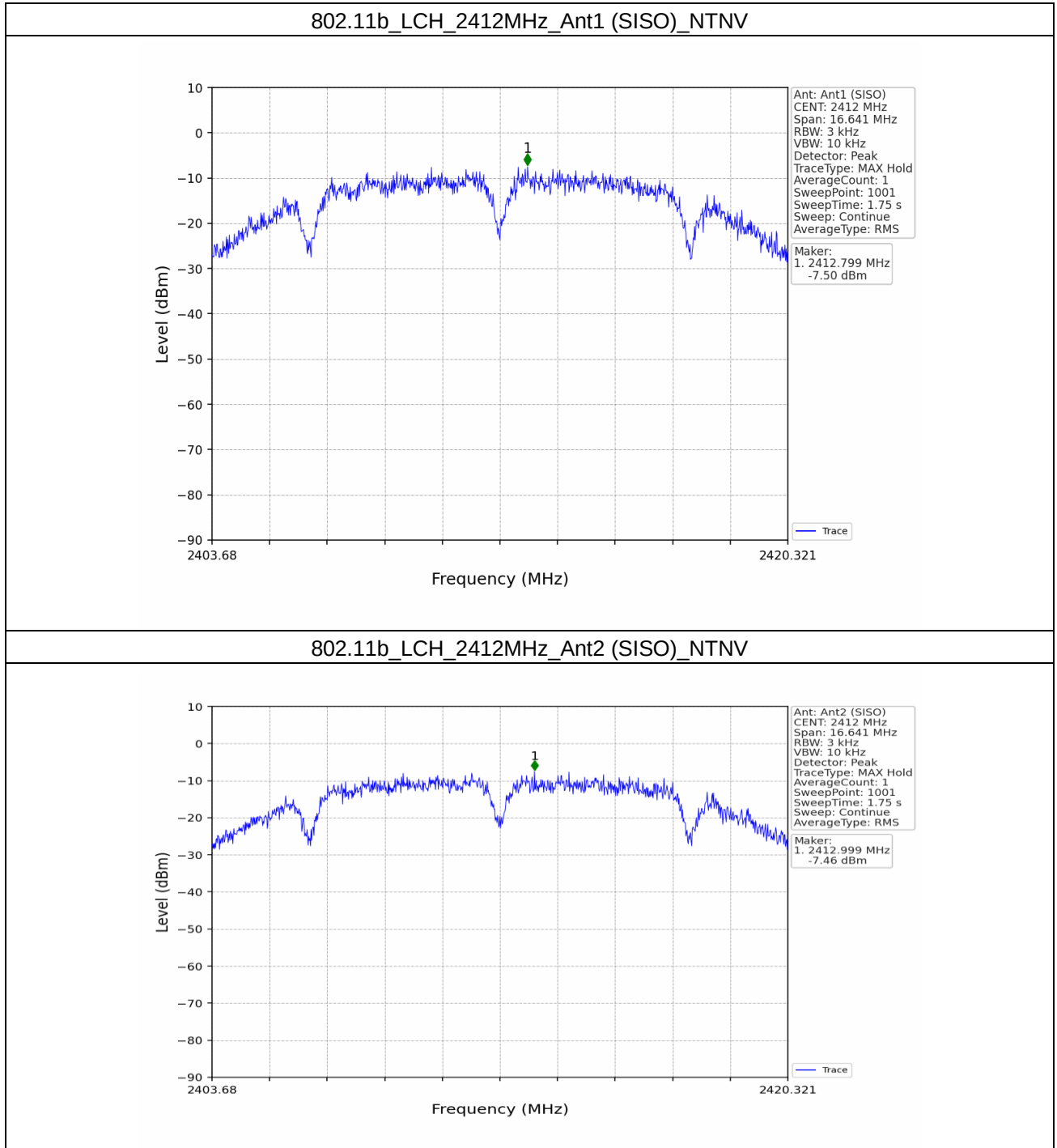
4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	/	/	-7.50	-7.46	/	<=8	Pass
		2437	/	/	-7.29	-7.66	/	<=8	Pass
		2462	/	/	-7.79	-7.77	/	<=8	Pass
802.11g	SISO	2412	/	/	-15.99	-16.90	/	<=8	Pass
		2437	/	/	-11.15	-10.09	/	<=8	Pass
		2462	/	/	-11.21	-11.14	/	<=8	Pass
802.11n (HT20)	MIMO	2412	/	/	-11.30	-12.04	-8.68	<=8	Pass
		2437	/	/	-10.85	-12.36	-8.73	<=8	Pass
		2462	/	/	-11.74	-11.54	-8.76	<=8	Pass
802.11n (HT40)	MIMO	2422	/	/	-13.63	-14.12	-11.25	<=8	Pass
		2437	/	/	-11.99	-13.46	-9.65	<=8	Pass
		2452	/	/	-12.57	-13.71	-10.37	<=8	Pass
802.11ax (HEW20)	MIMO	2412	RU242	Left	-11.93	-12.39	-9.30	<=8	Pass
		2437	RU242	Left	-11.90	-12.61	-9.50	<=8	Pass
		2462	RU242	Left	-12.84	-12.54	-10.00	<=8	Pass
802.11ax (HEW40)	MIMO	2422	RU484	Left	-16.54	-15.72	-13.14	<=8	Pass
		2437	RU484	Left	-16.20	-15.31	-13.20	<=8	Pass
		2452	RU484	Left	-16.49	-15.17	-13.45	<=8	Pass

4.1.2 Test Graph



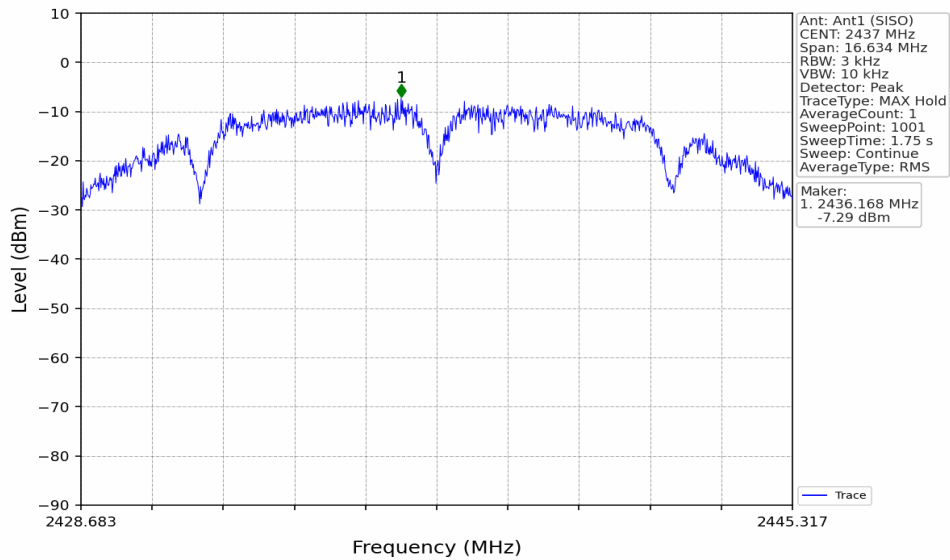
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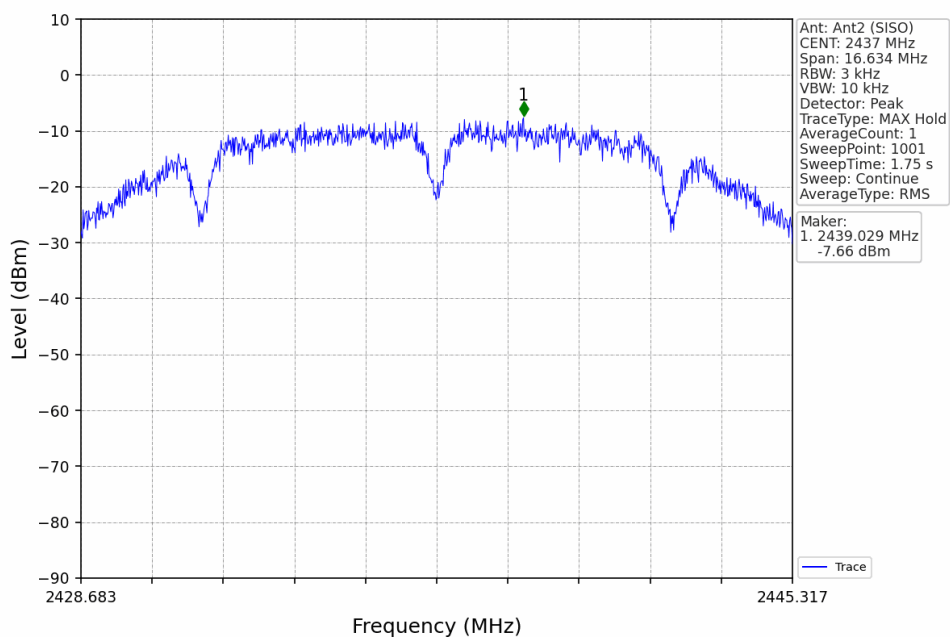
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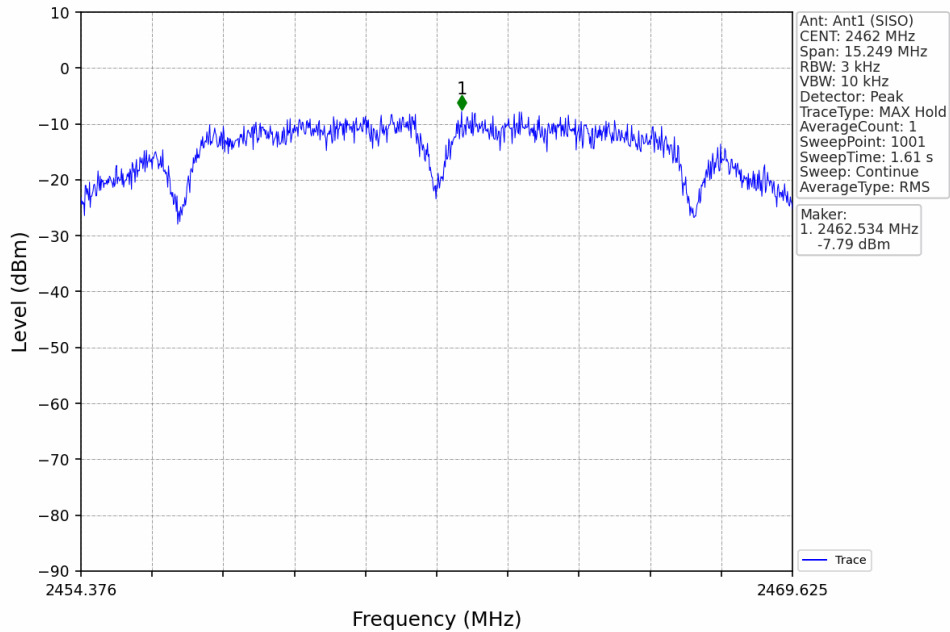
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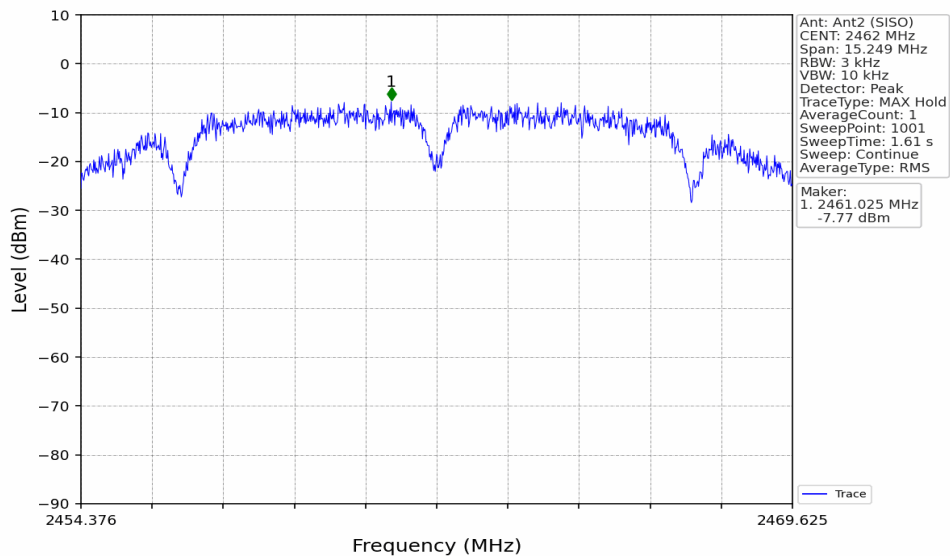
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



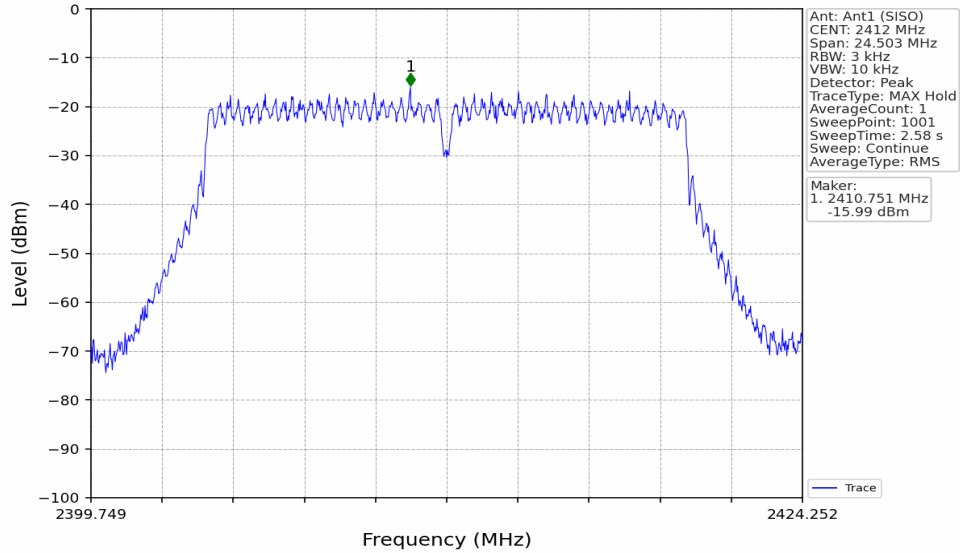
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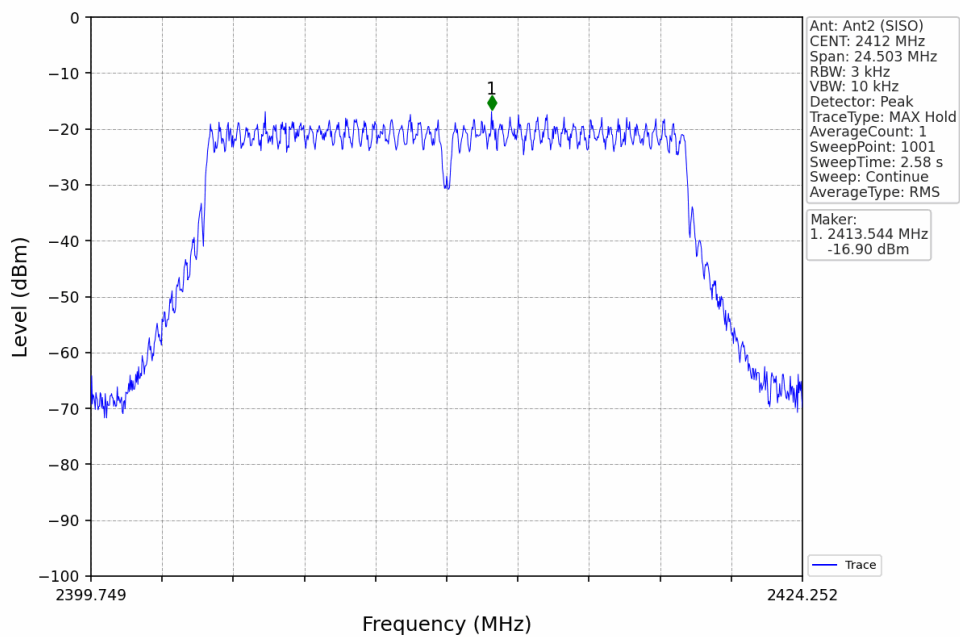
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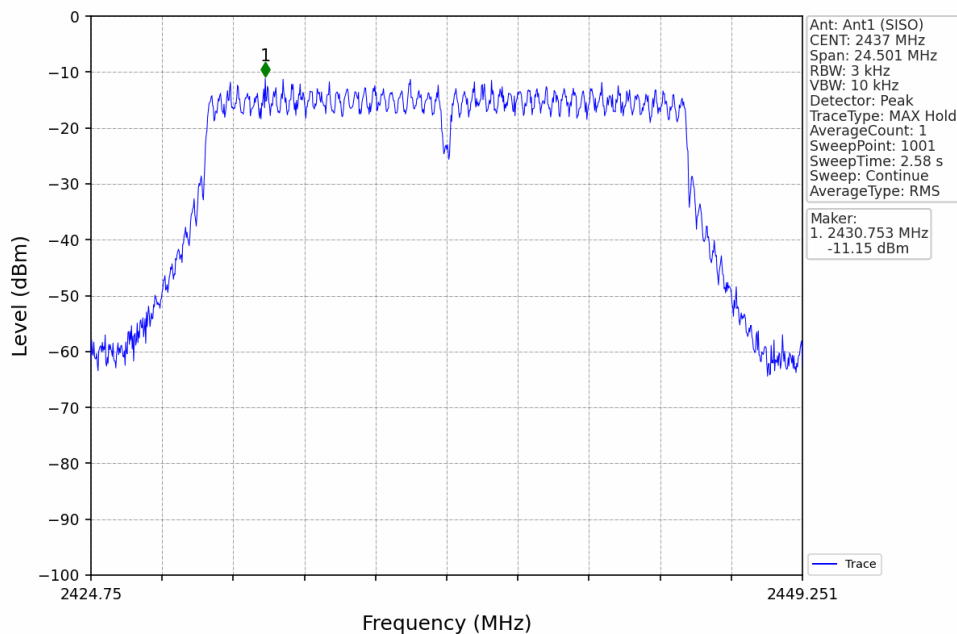
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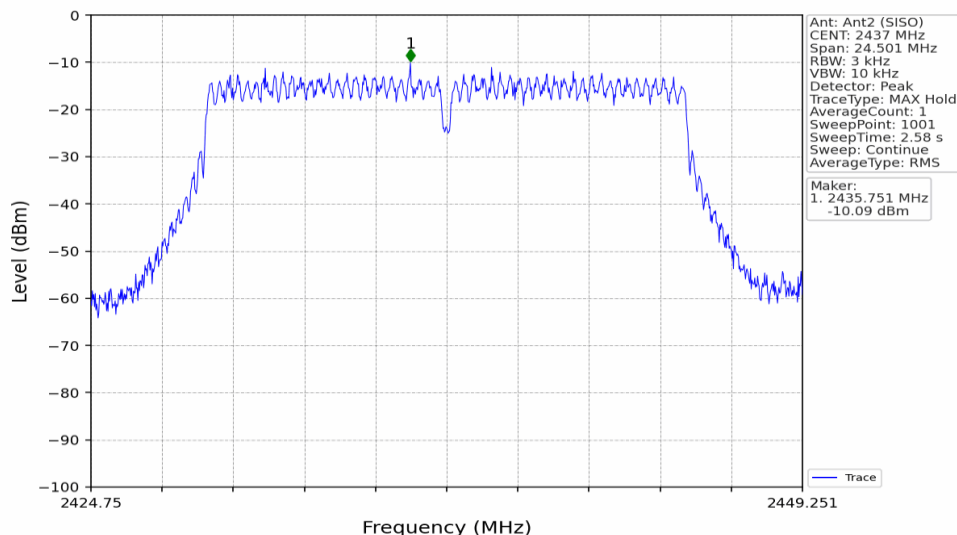
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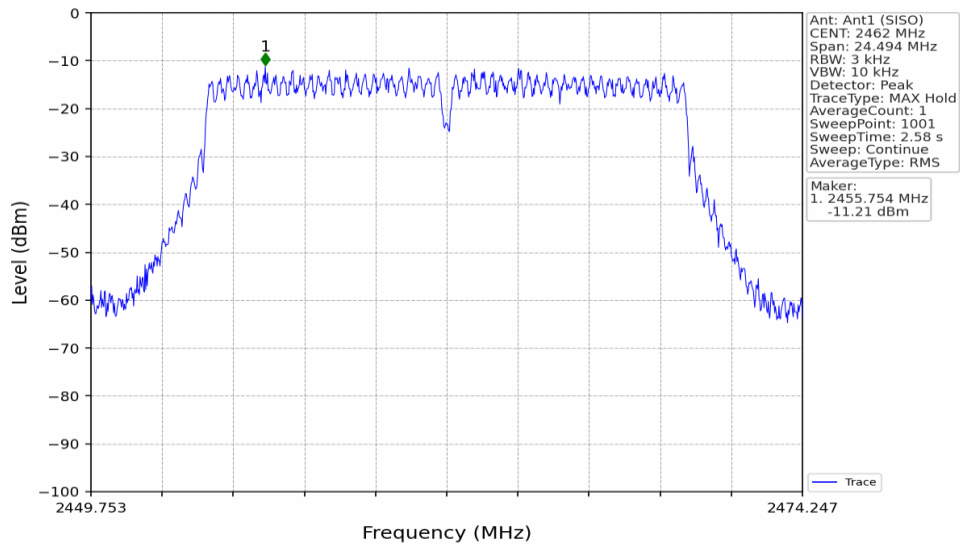
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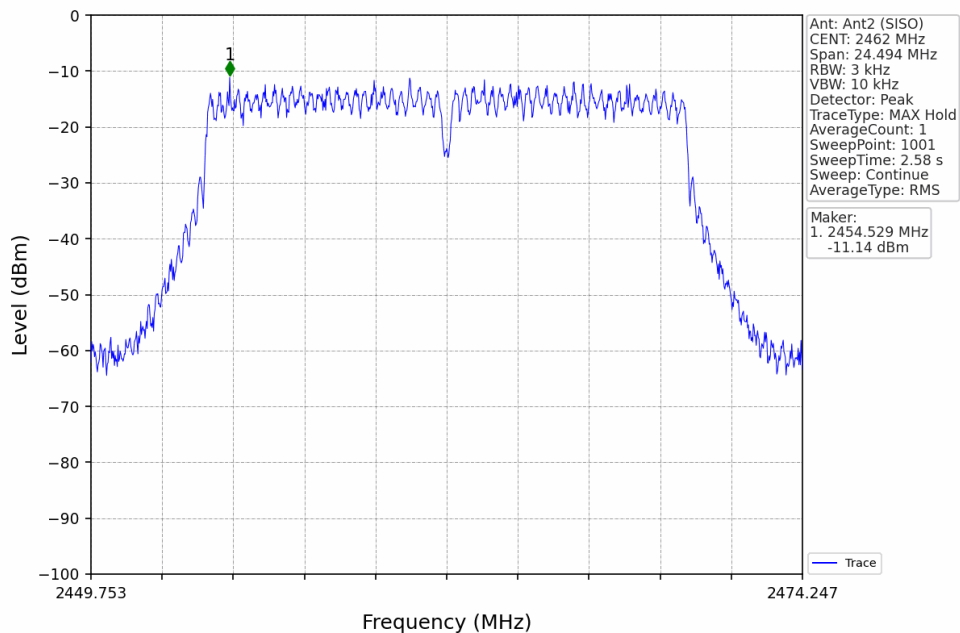
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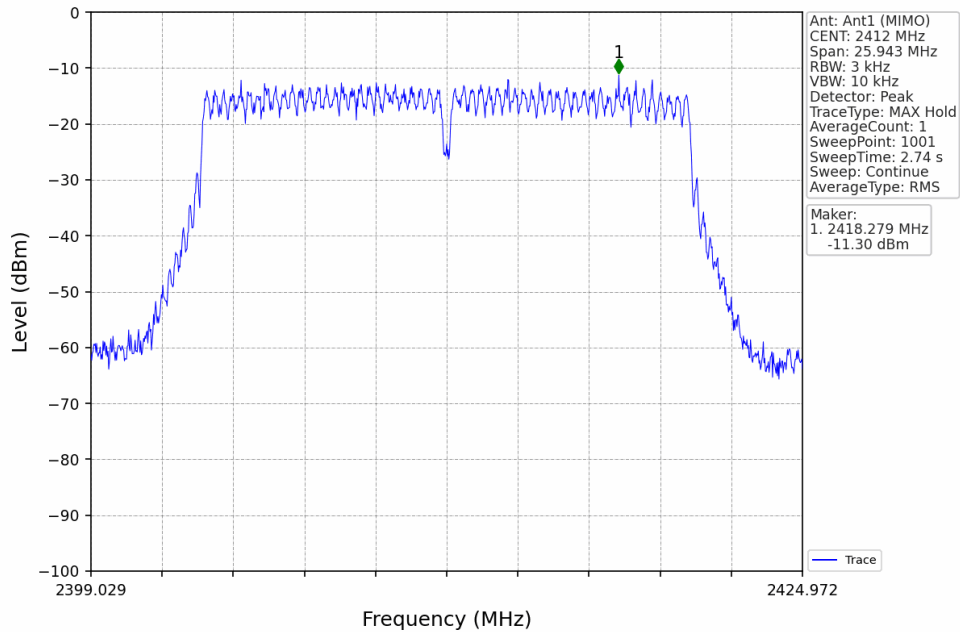
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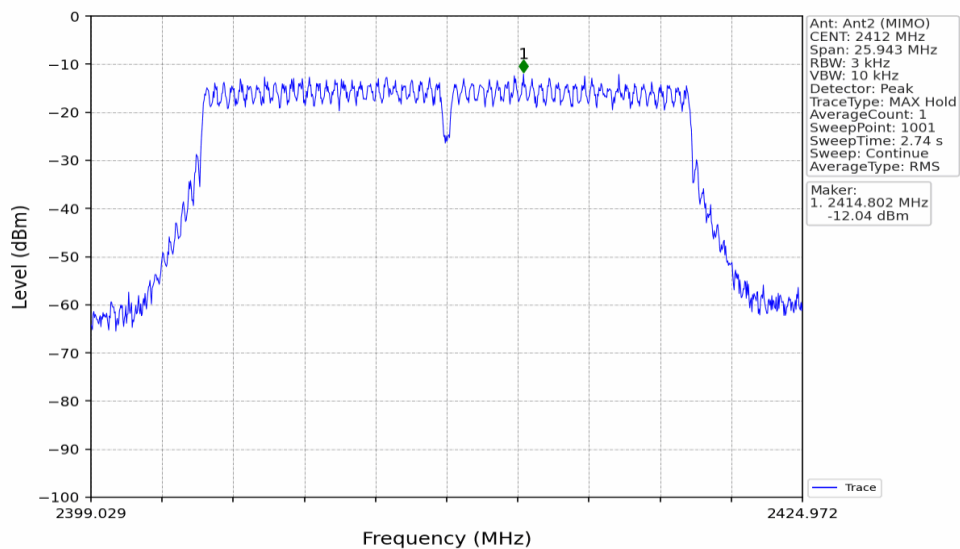
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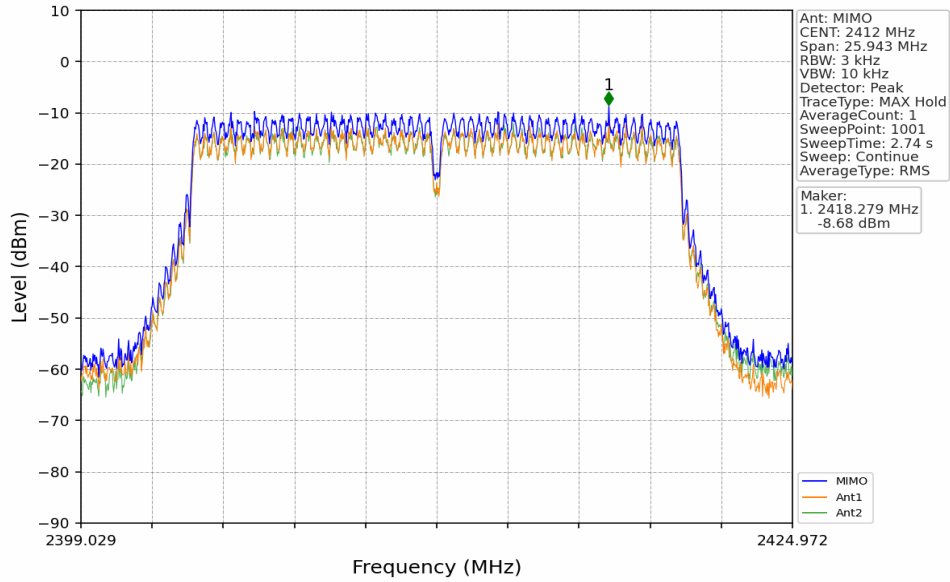
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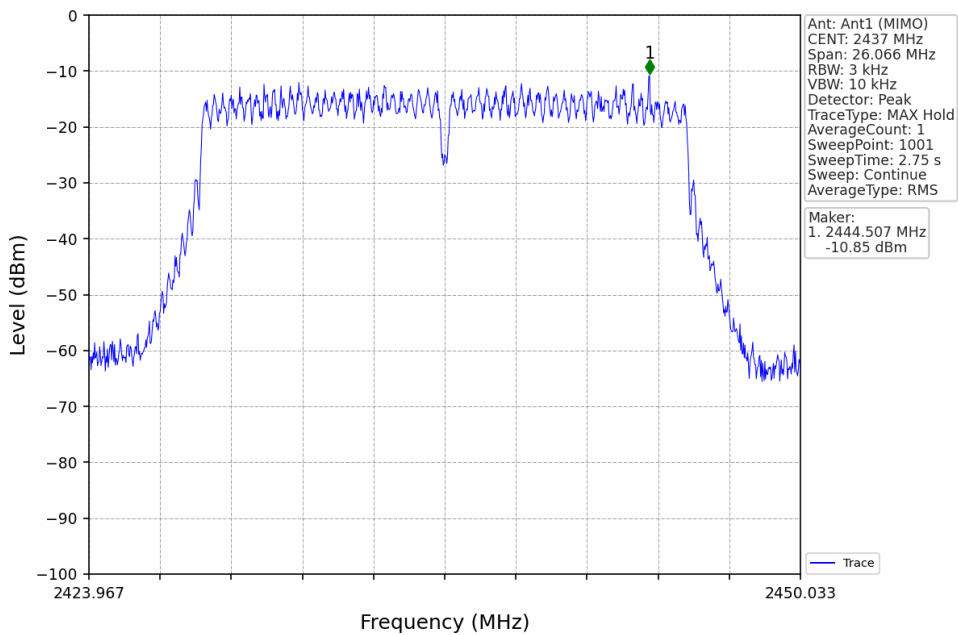
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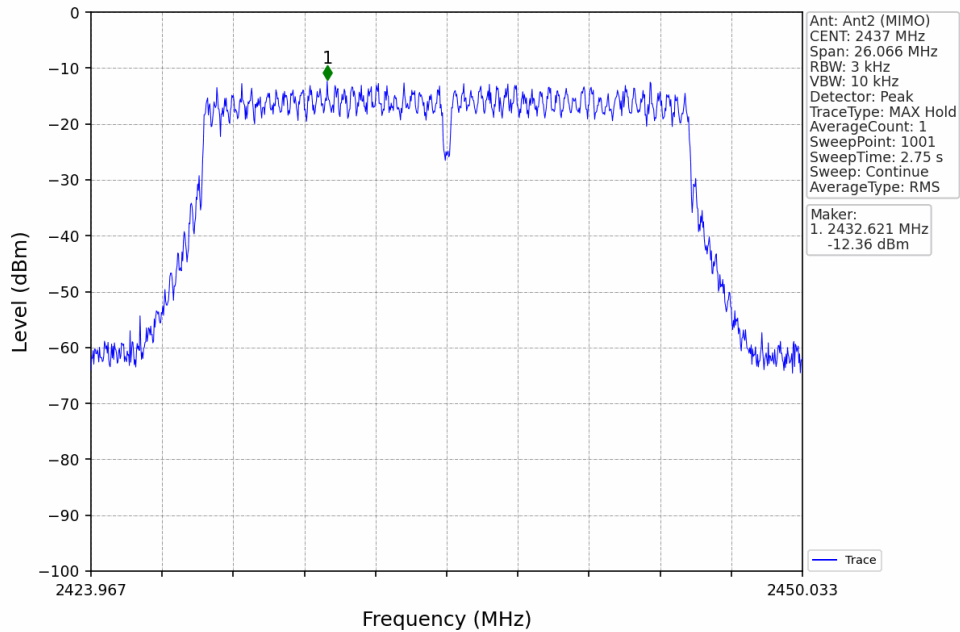
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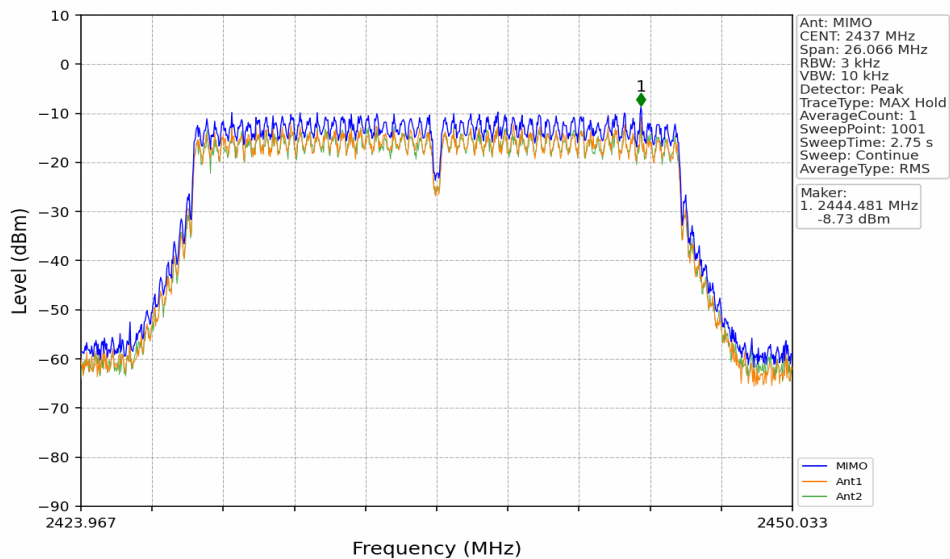
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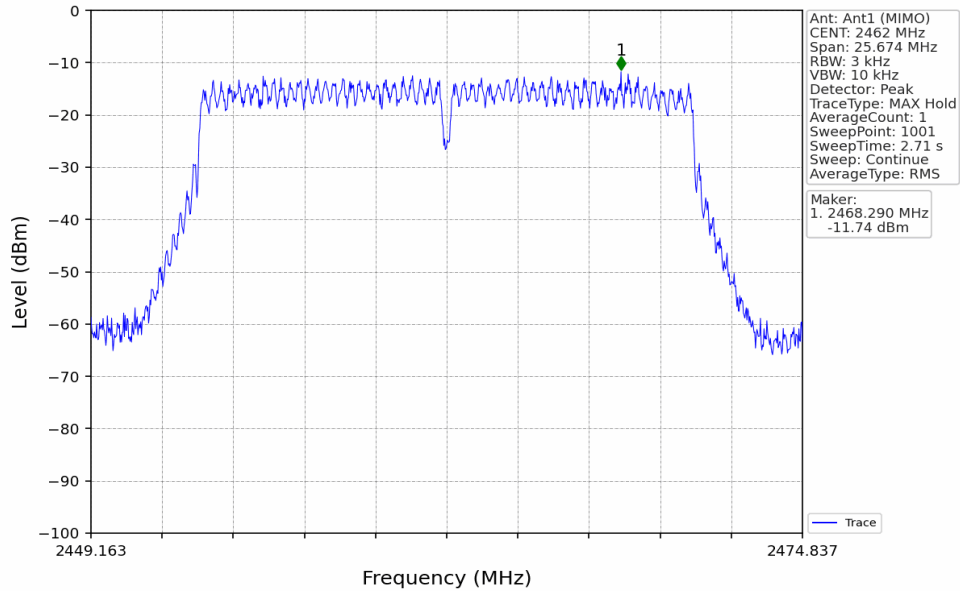
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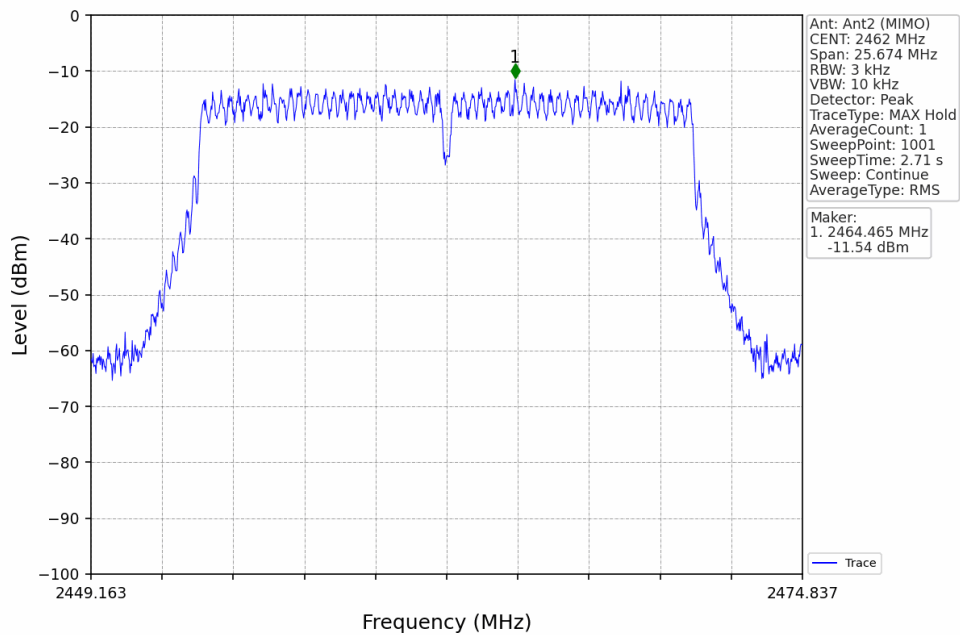
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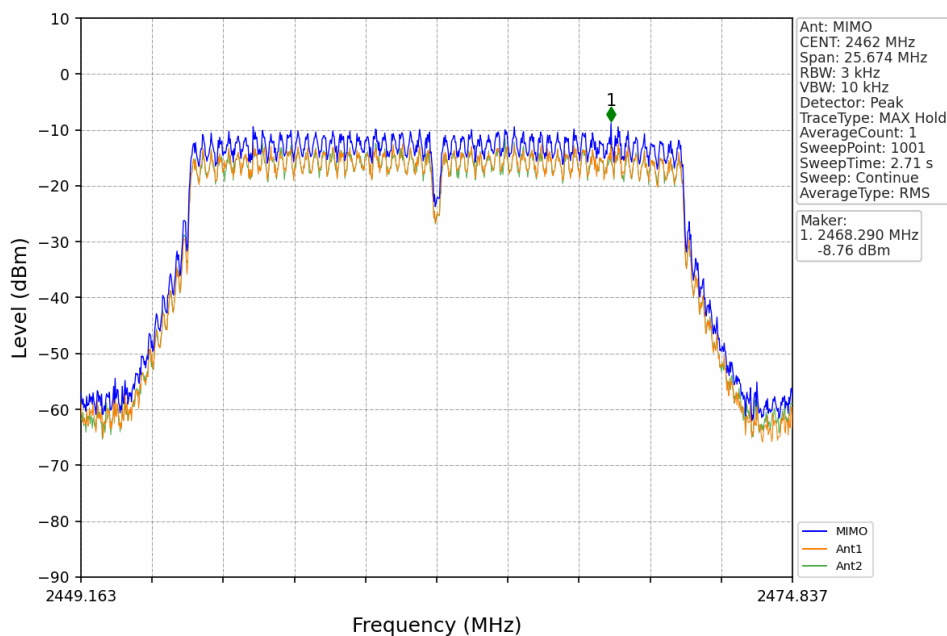
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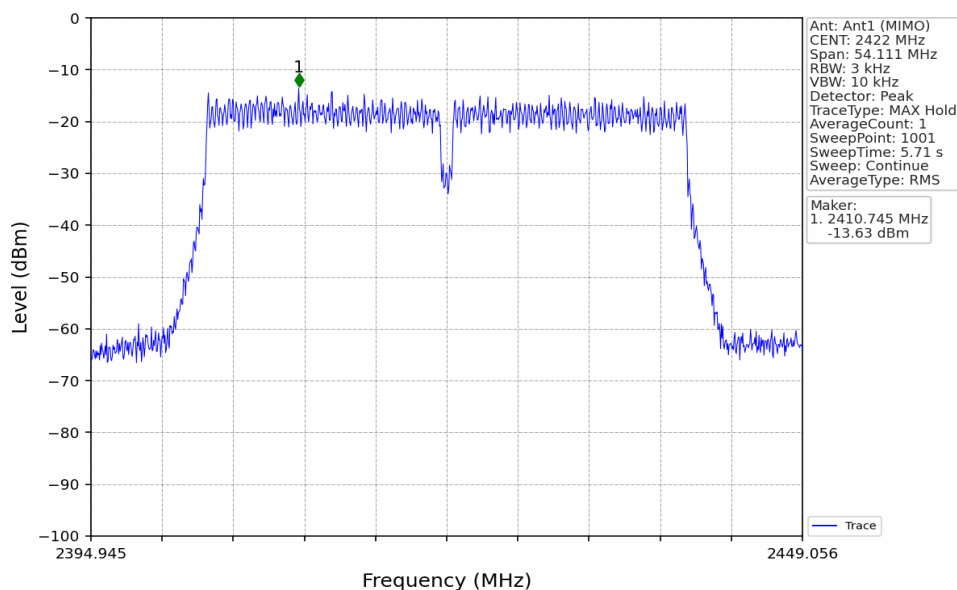
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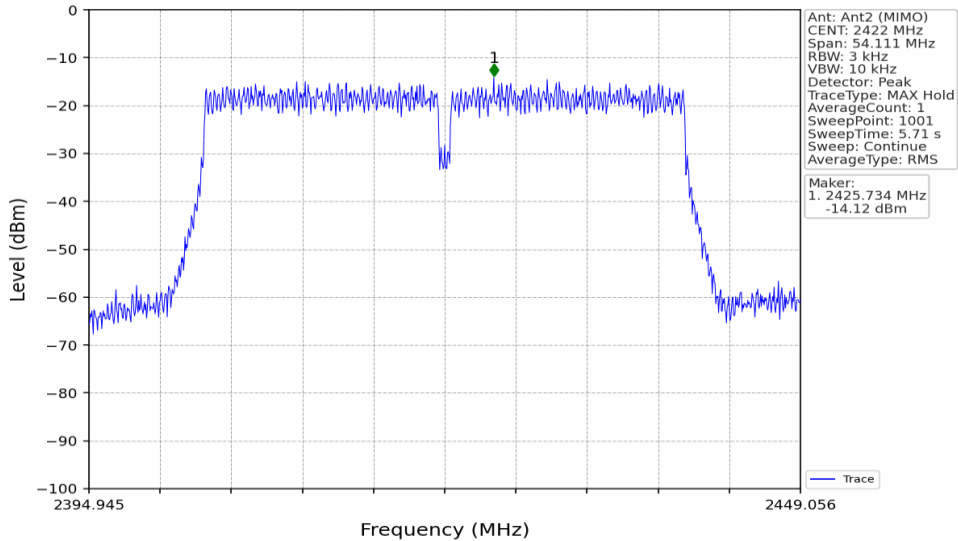
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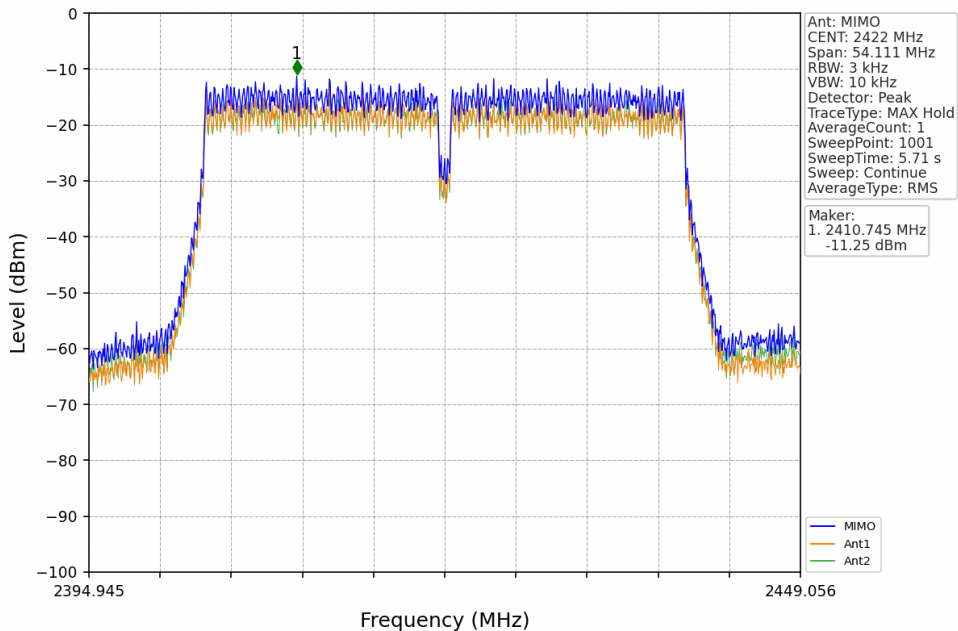
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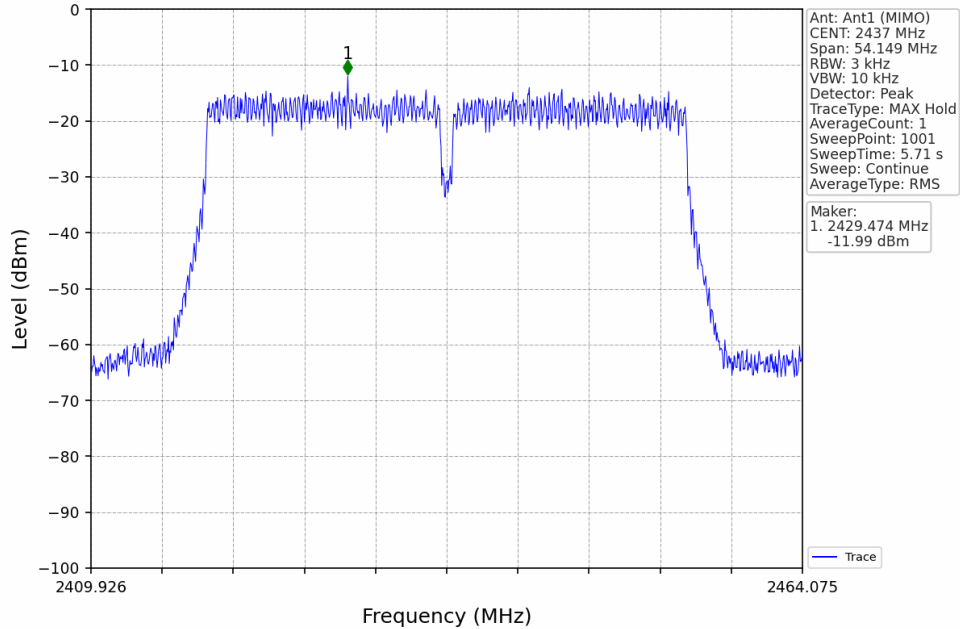
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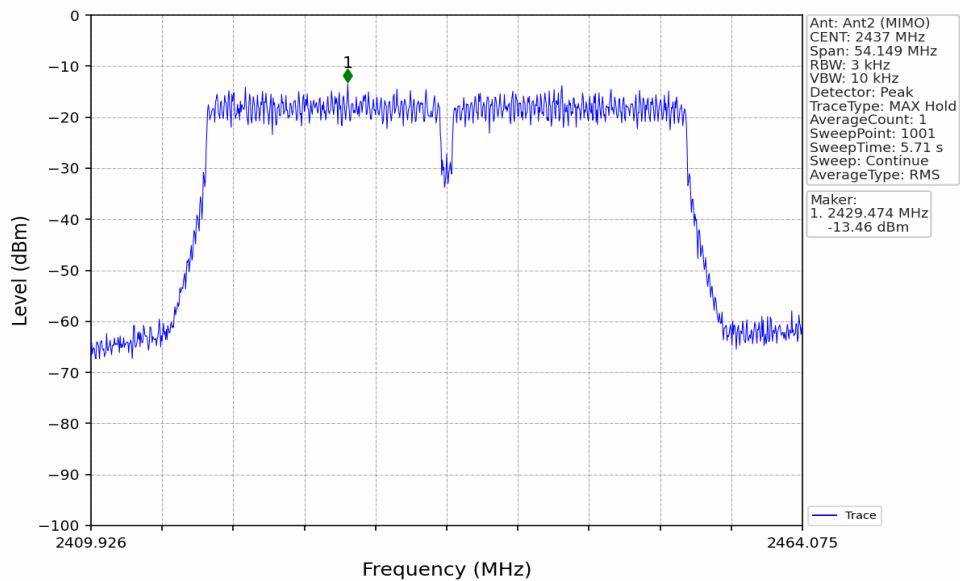
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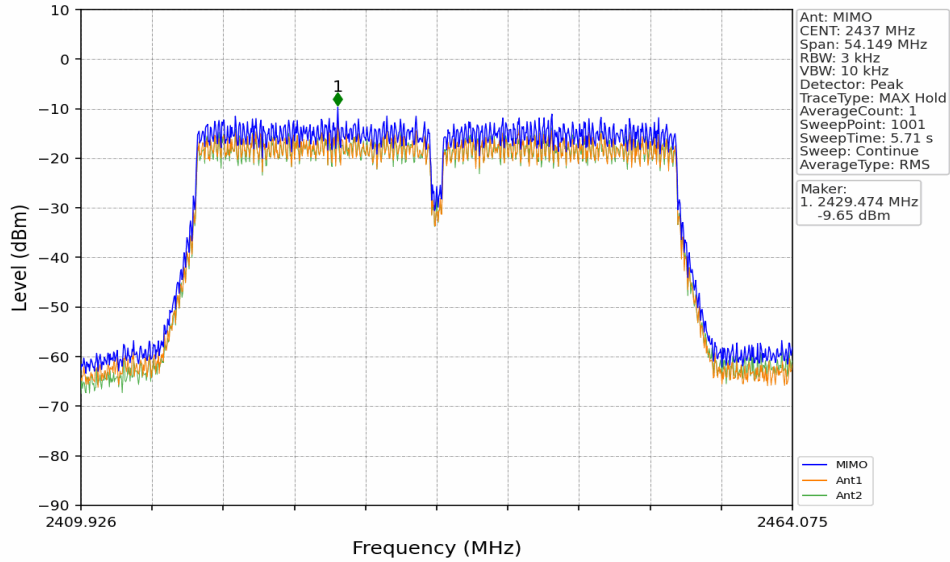
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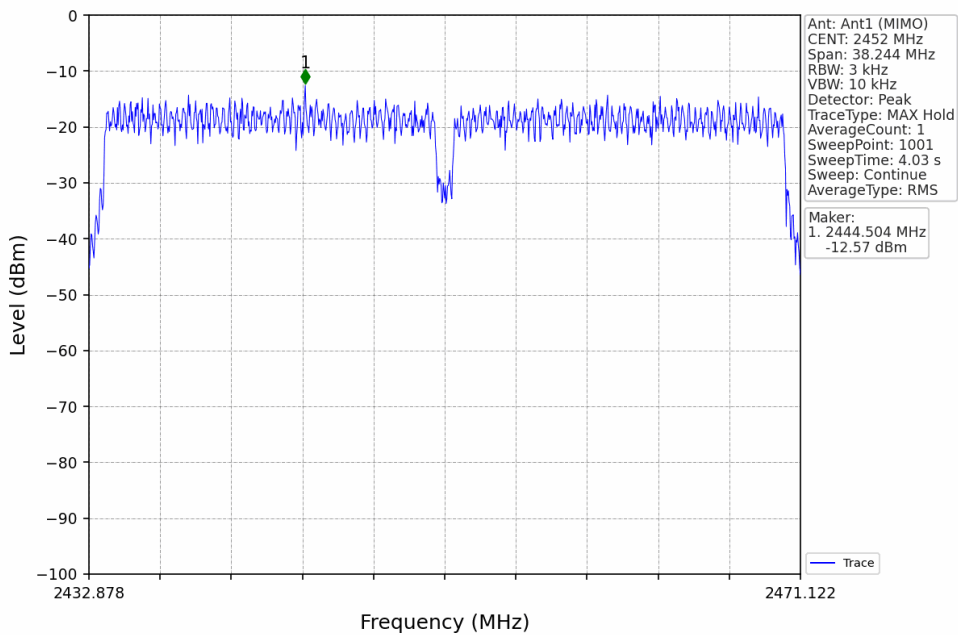
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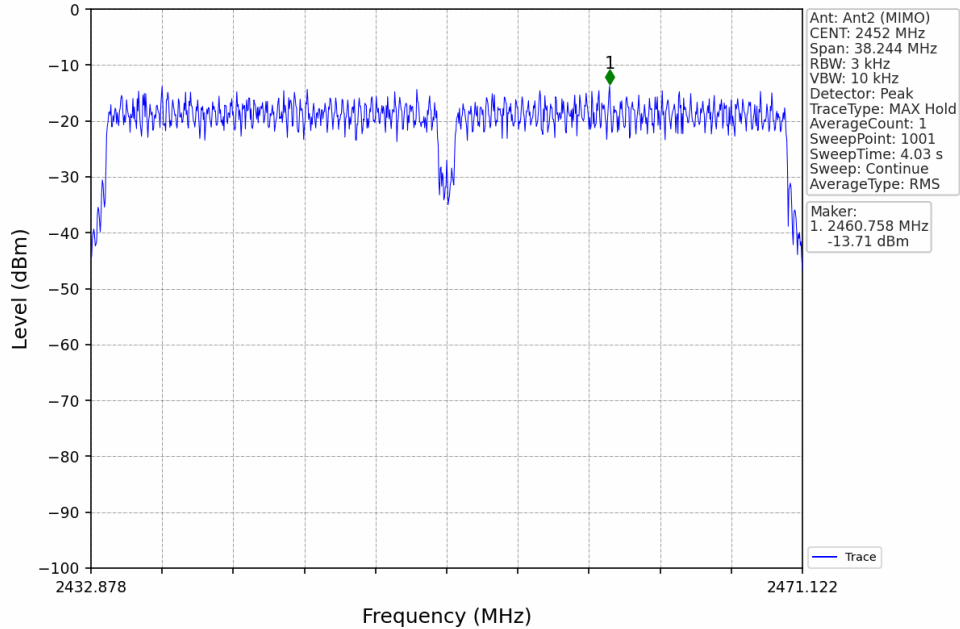
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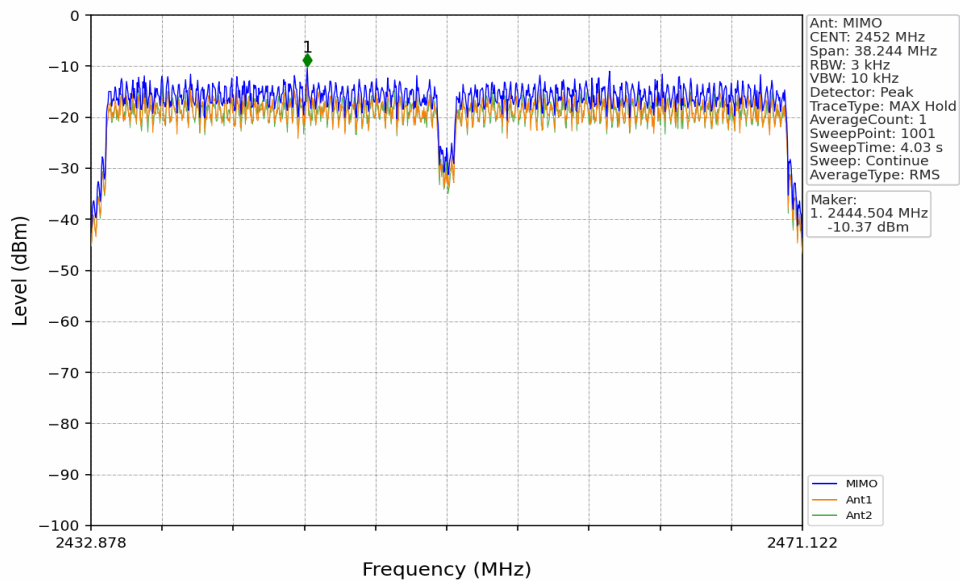
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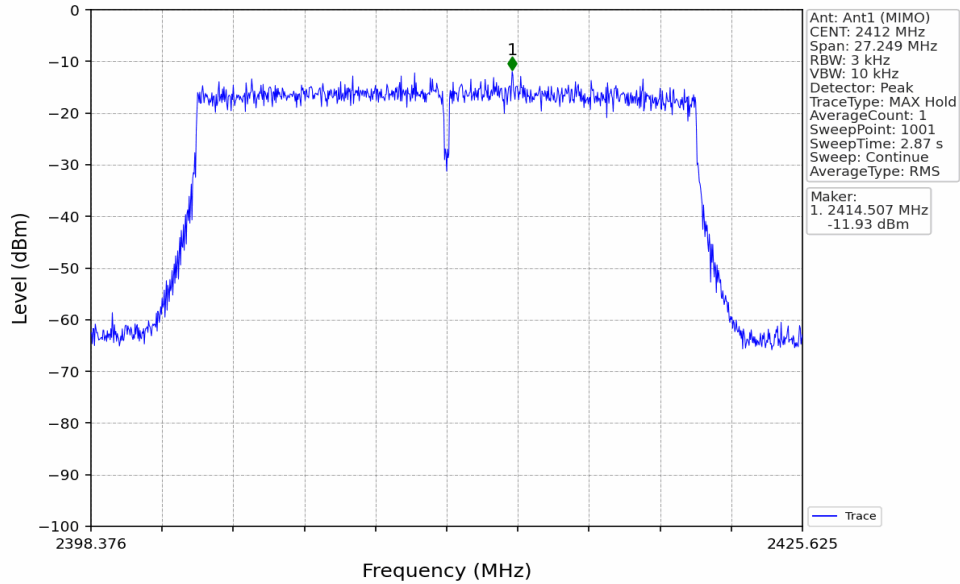
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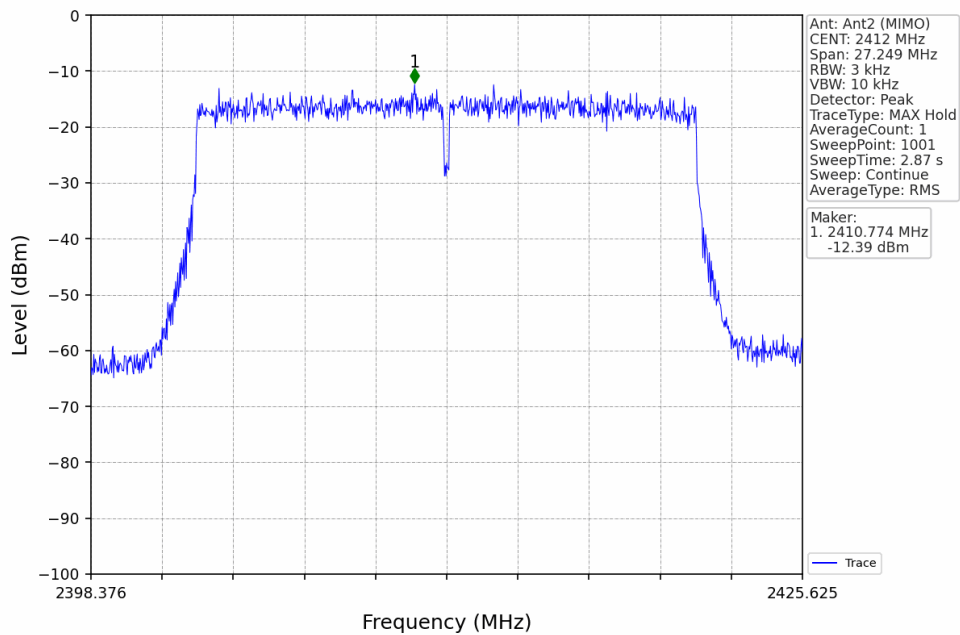
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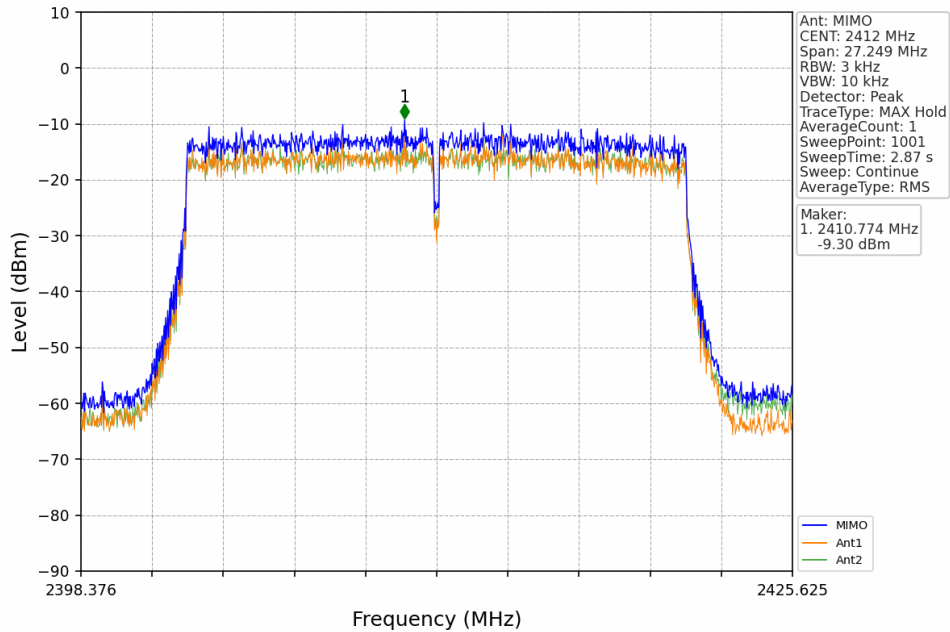
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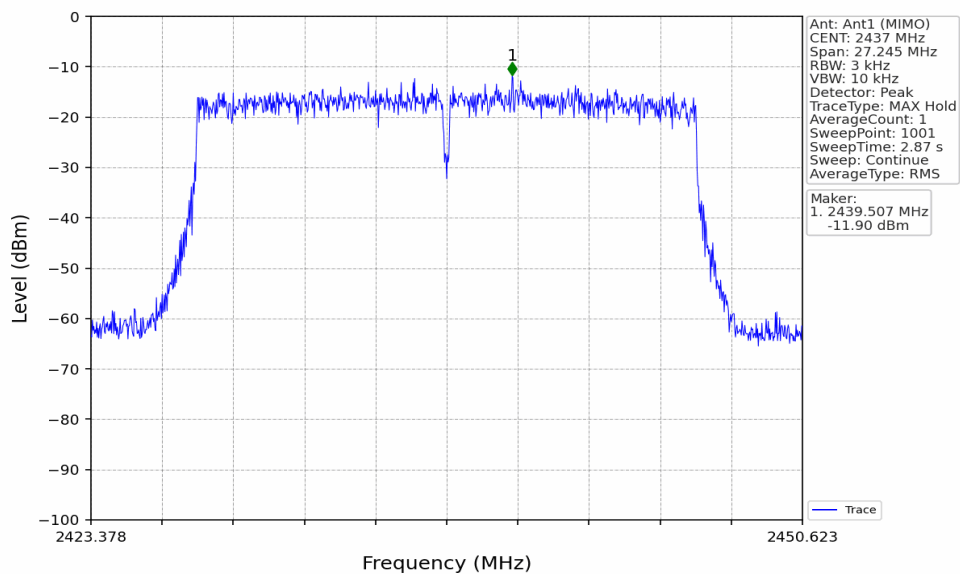
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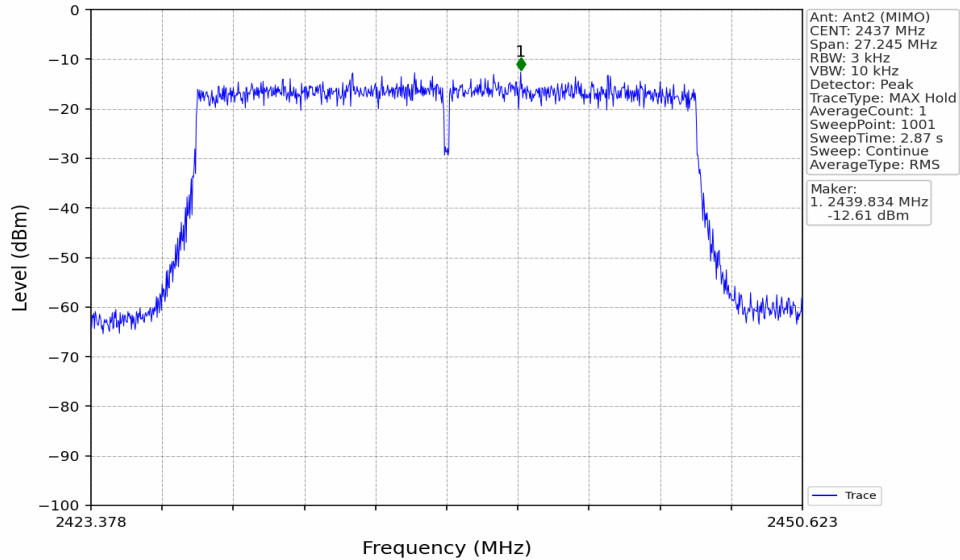
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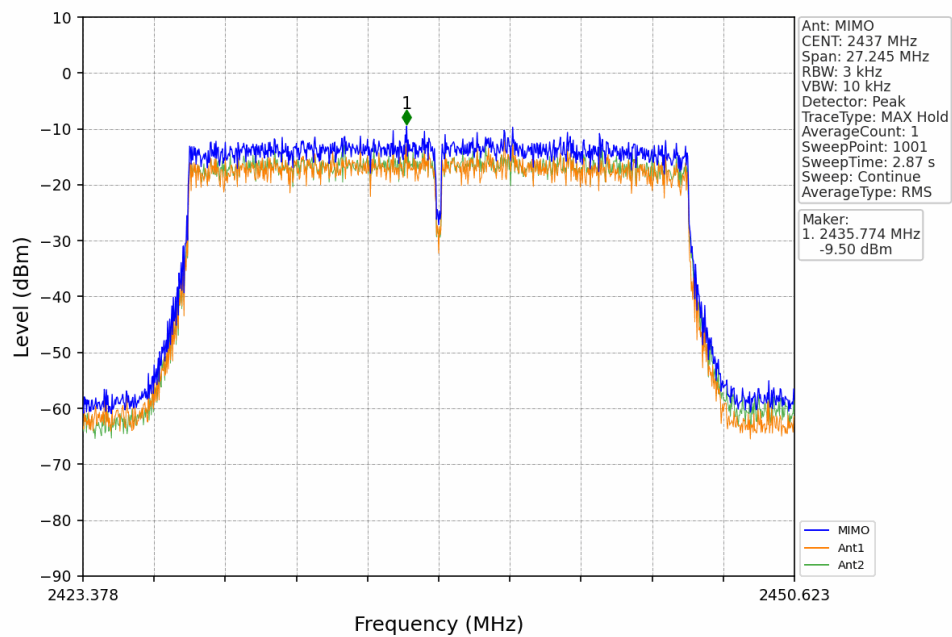
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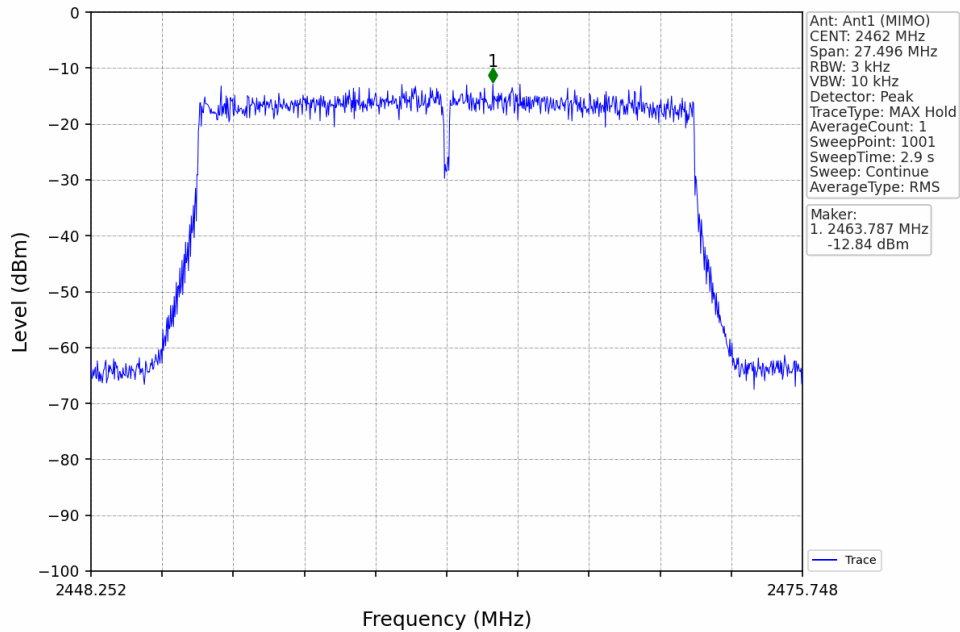
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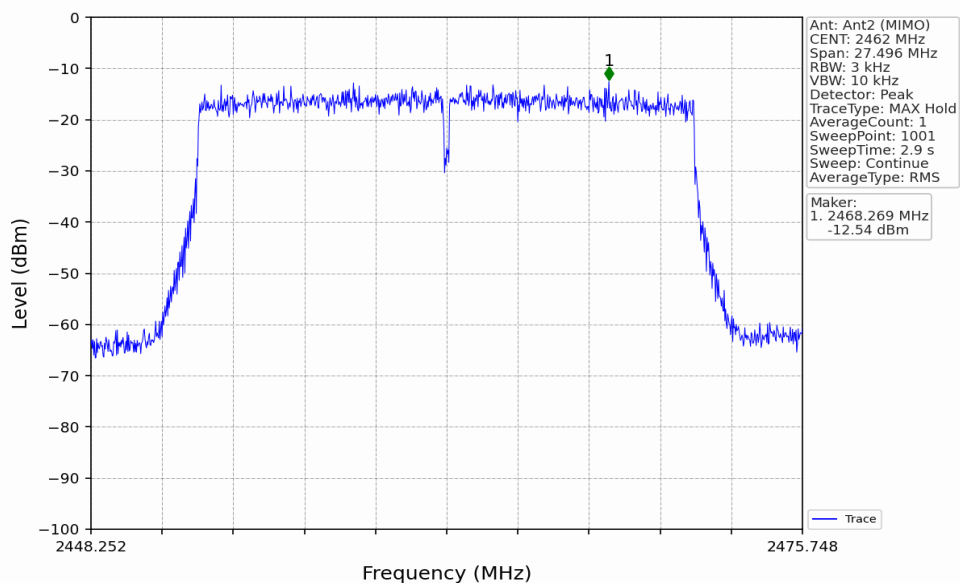
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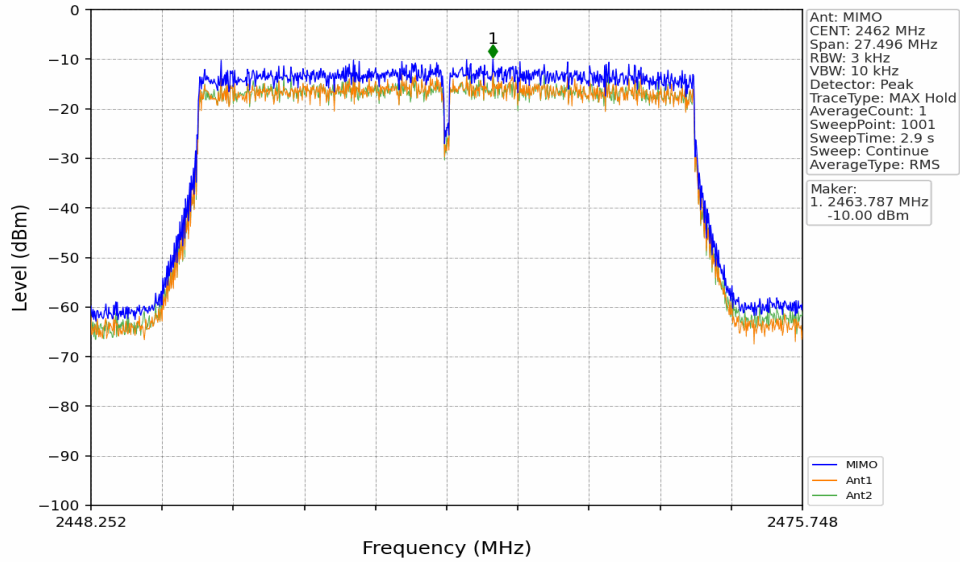
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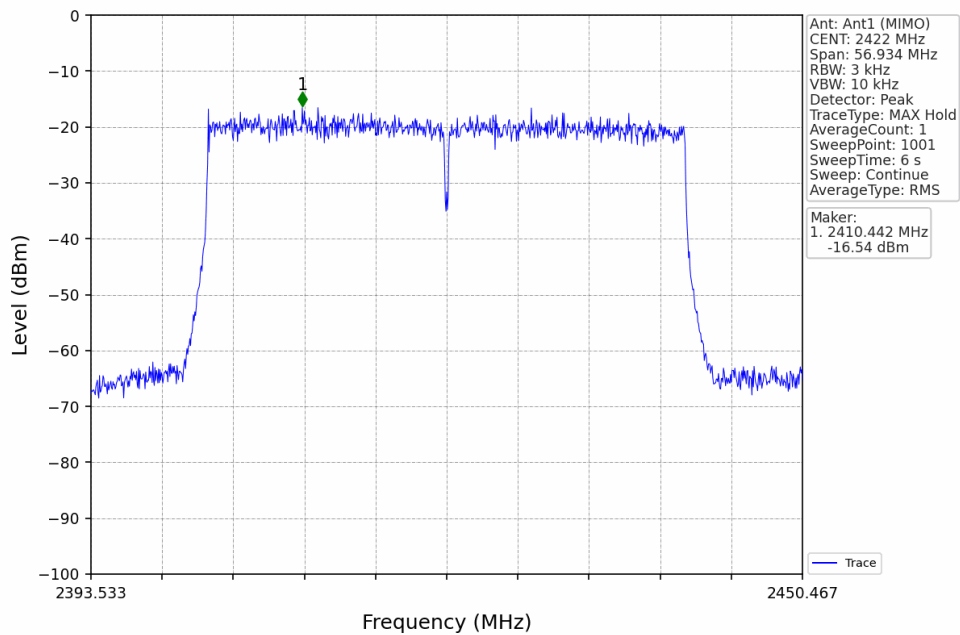
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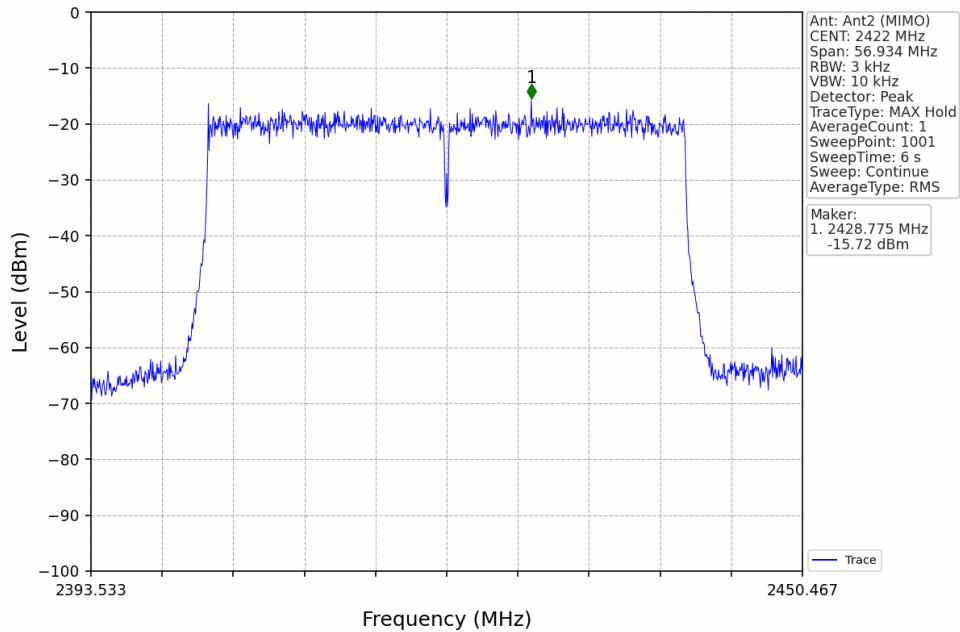
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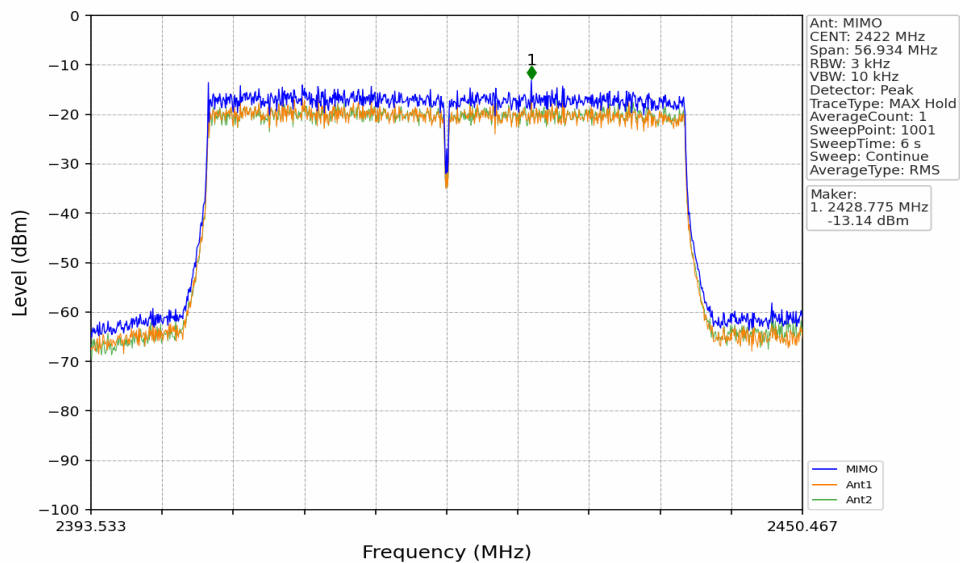
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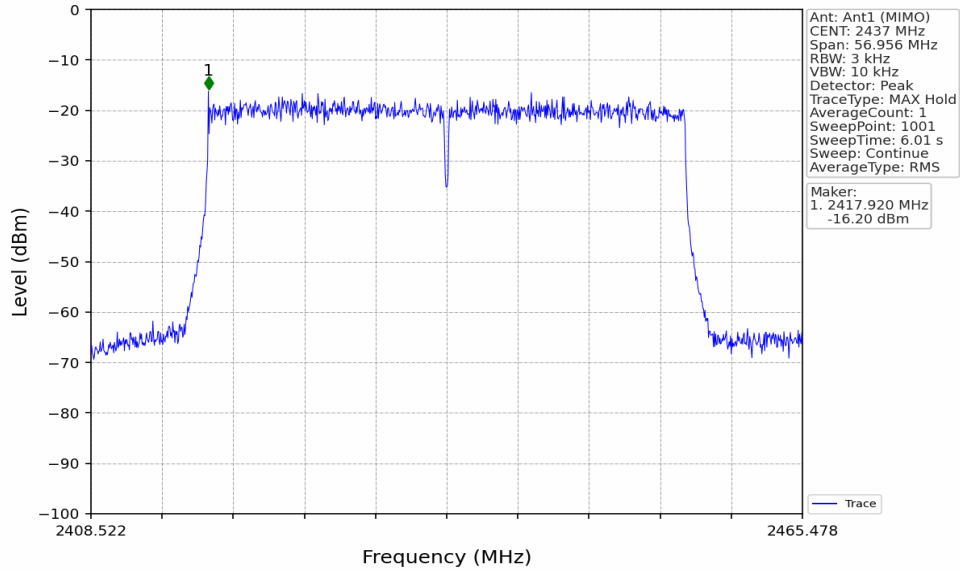
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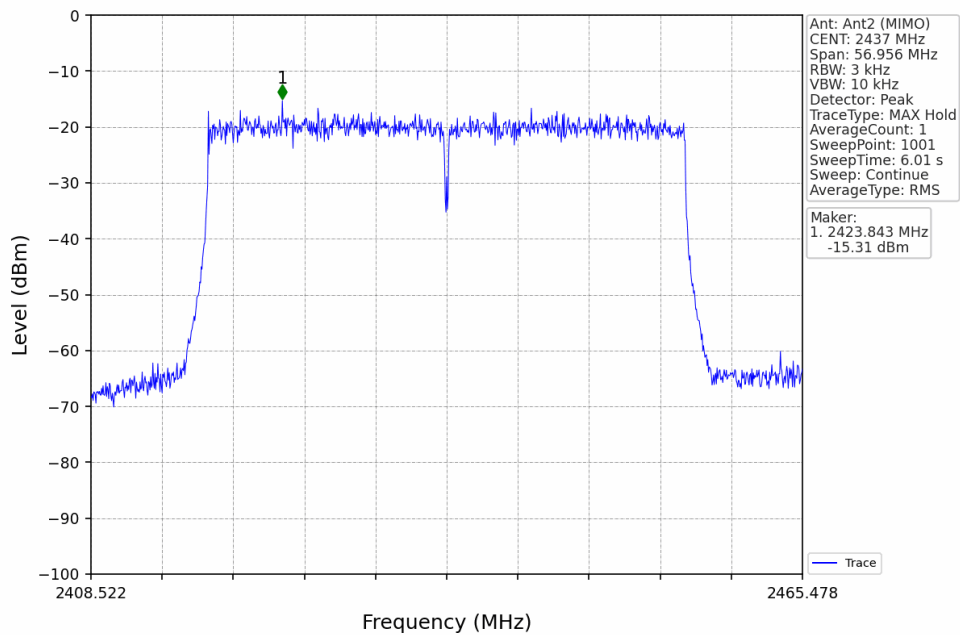
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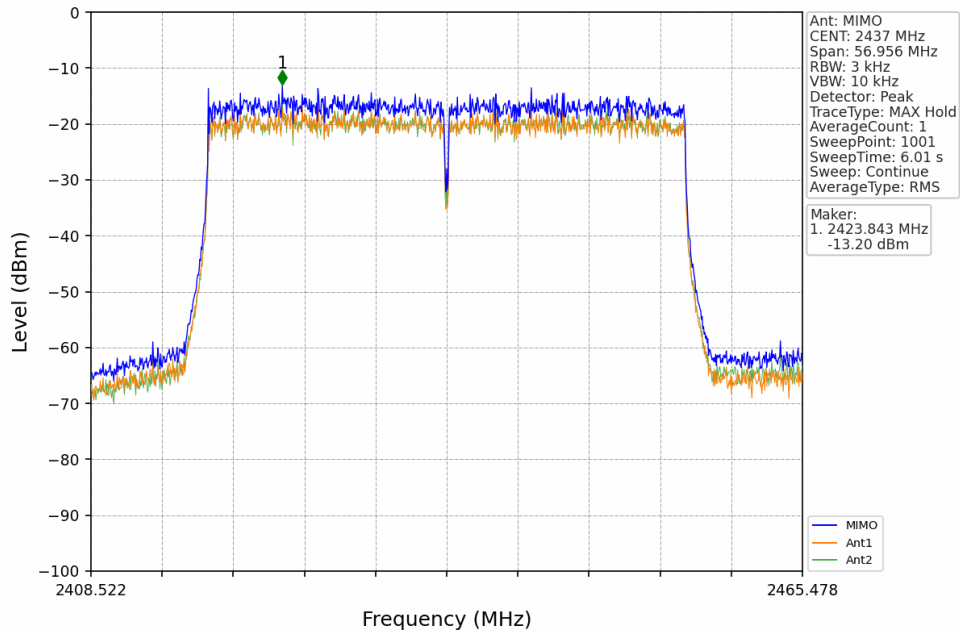
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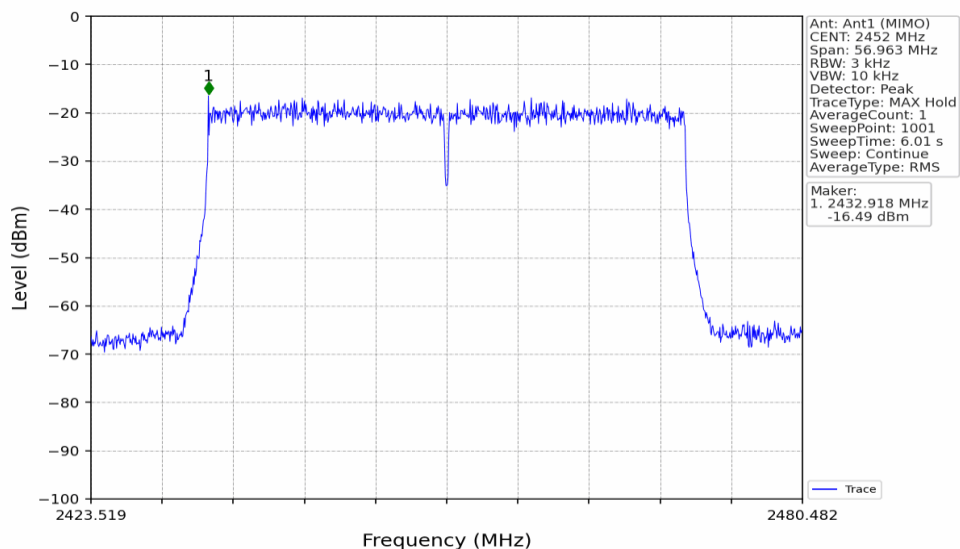
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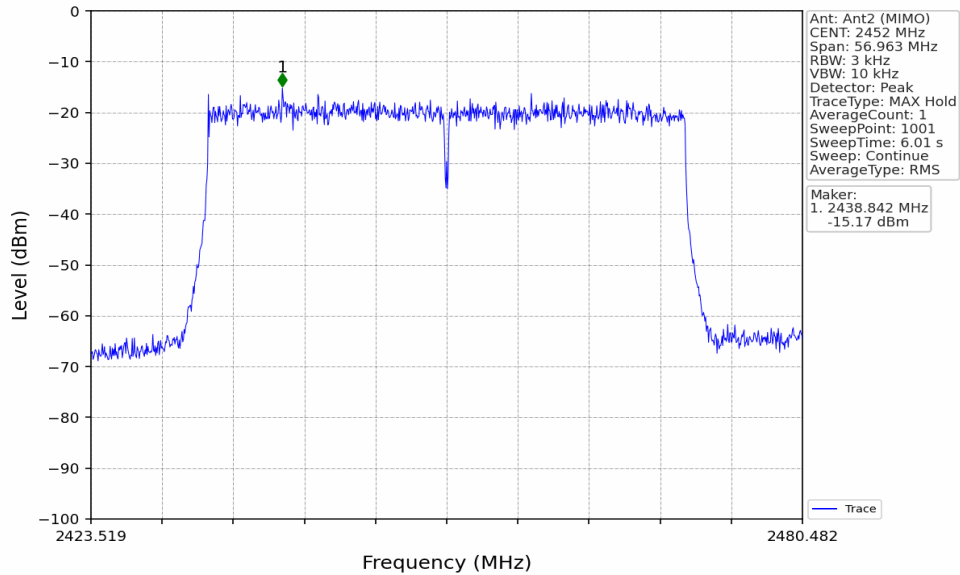
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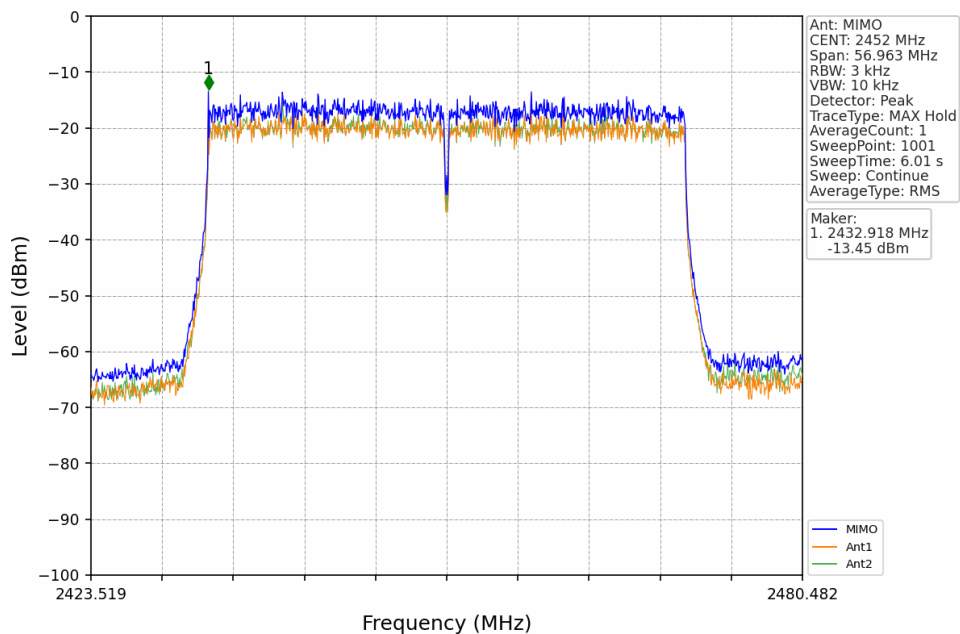
802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant2 (MIMO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_MIMO_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	7.37
					2	7.37
		2437	/	/	1	7.45
					2	7.50
		2462	/	/	1	7.50
					2	7.57
802.11g	SISO	2412	/	/	1	-0.74
					2	-0.79
		2437	/	/	1	5.13
					2	4.86
		2462	/	/	1	4.81
					2	4.84
802.11n (HT20)	MIMO	2412	/	/	1	4.17
					2	3.95
		2437	/	/	1	3.99
					2	4.13
		2462	/	/	1	4.25
					2	3.94
802.11n (HT40)	MIMO	2422	/	/	1	1.25
					2	0.93
		2437	/	/	1	1.22
					2	0.91
		2452	/	/	1	1.13
					2	0.88
802.11ax (HEW20)	MIMO	2412	RU242	Left	1	2.92
					2	2.83
		2437	RU242	Left	1	2.91
					2	2.74
		2462	RU242	Left	1	3.06
					2	

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					2	2.82
802.11ax (HEW40)	MIMO	2422	RU484	Left	1	-0.99
					2	-1.12
		2437	RU484	Left	1	-0.88
					2	-1.22
		2452	RU484	Left	1	-1.13
					2	-1.23



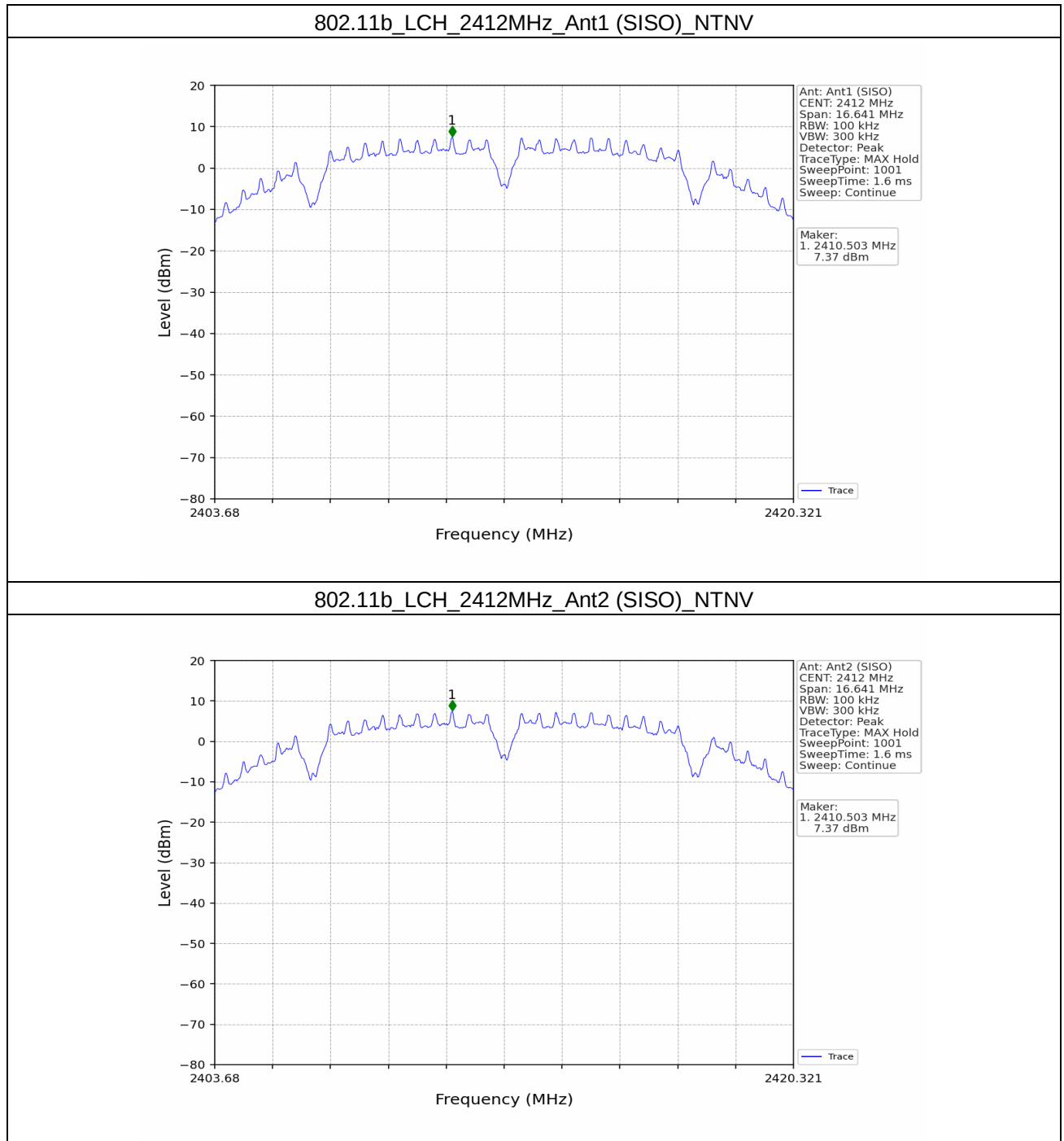
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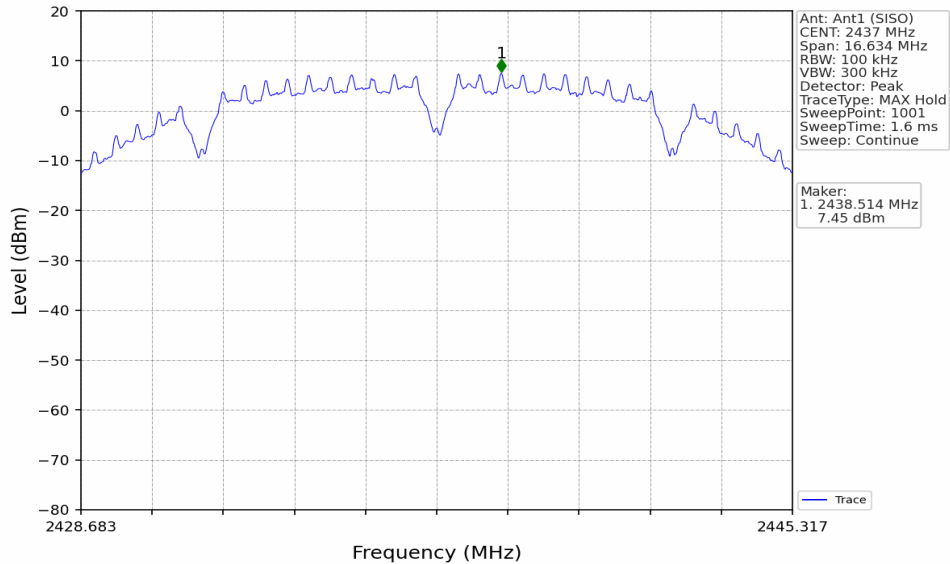
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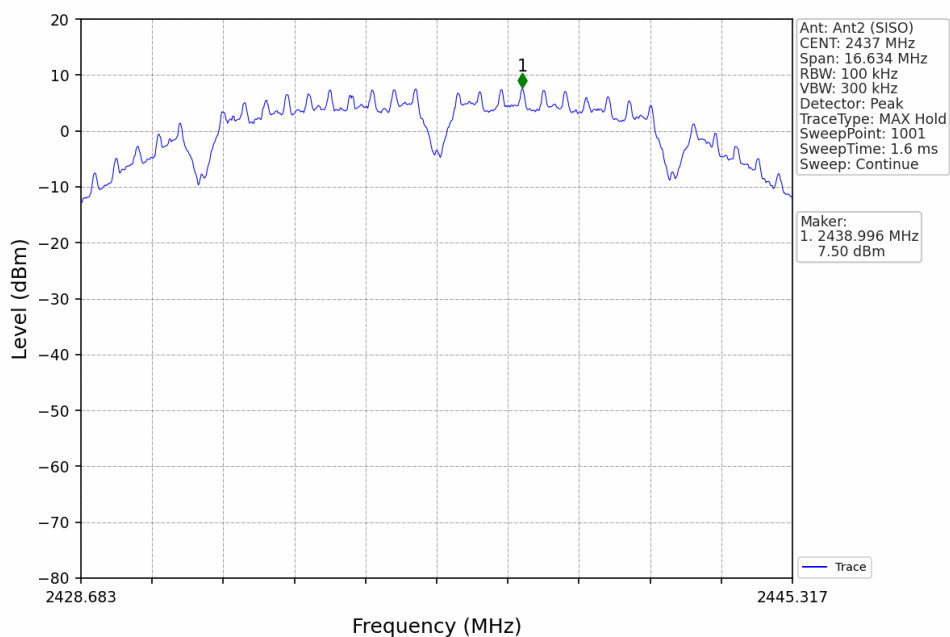
5.1.2 Test Graph



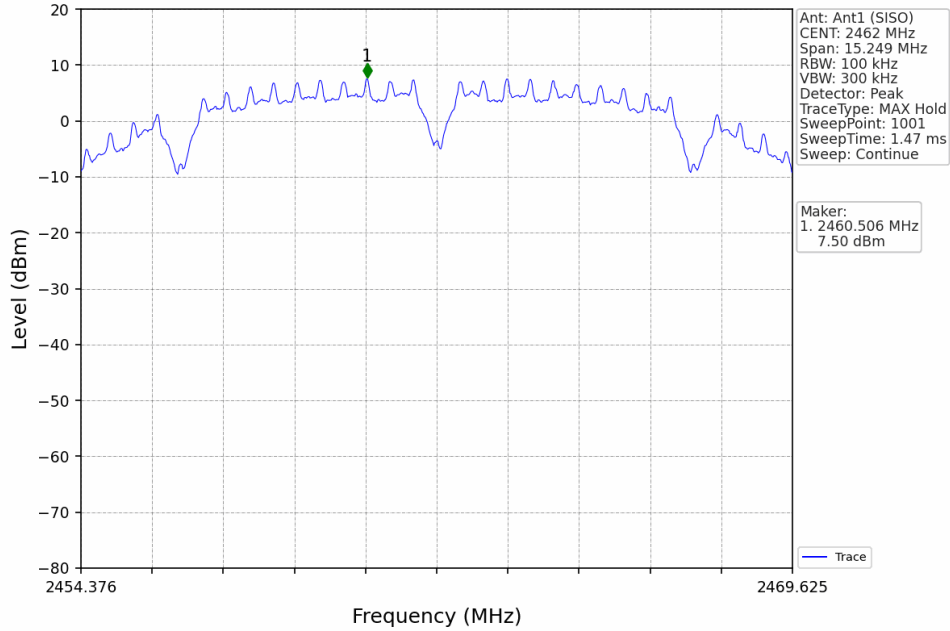
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



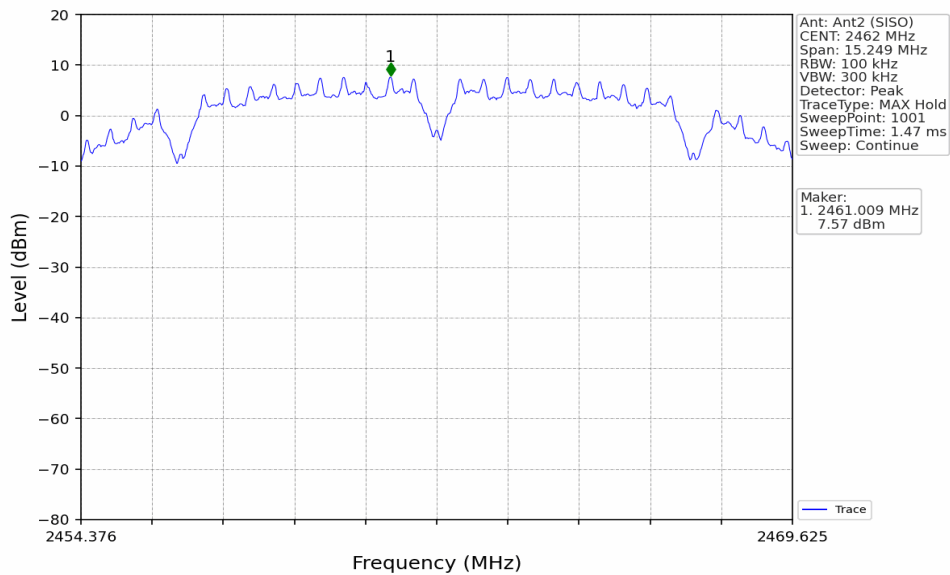
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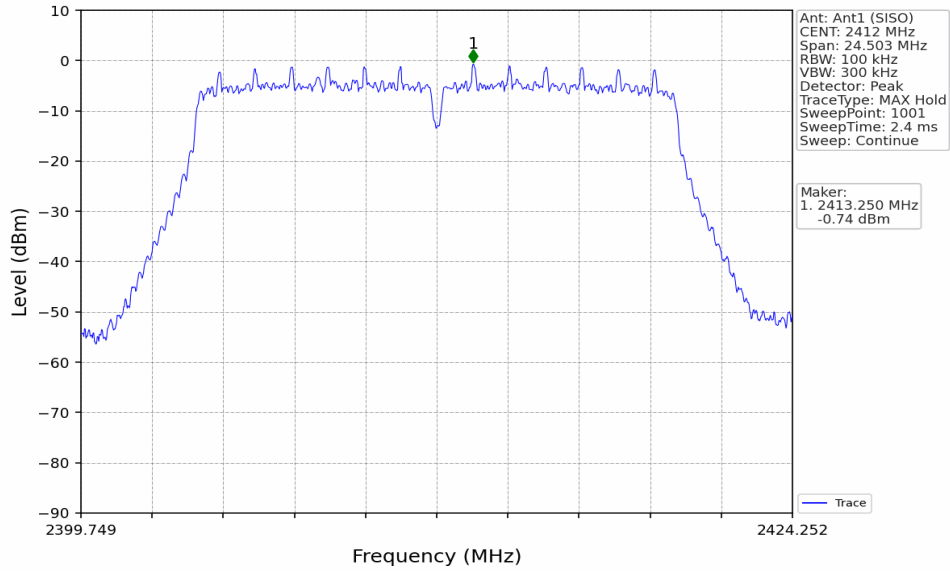
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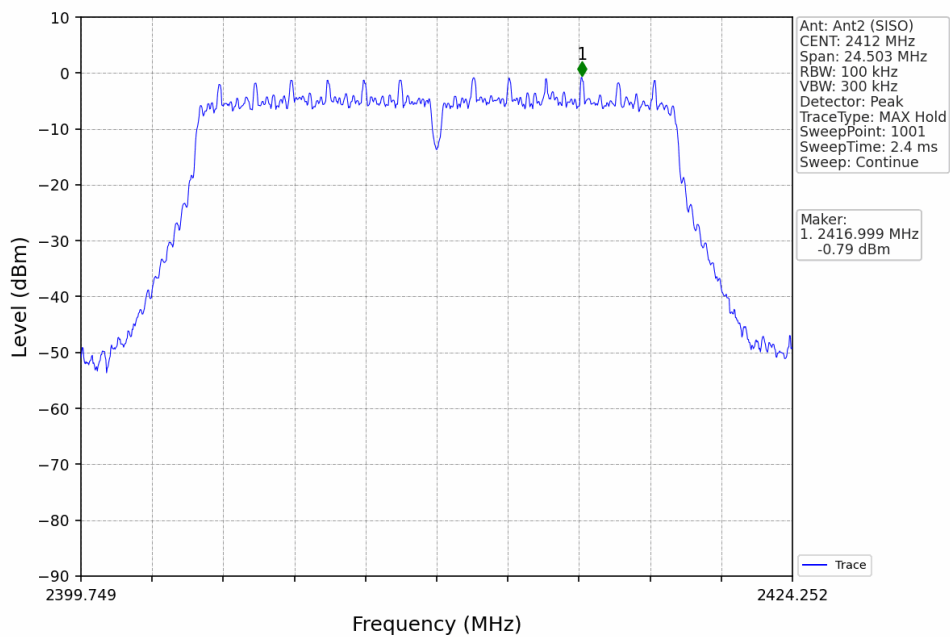
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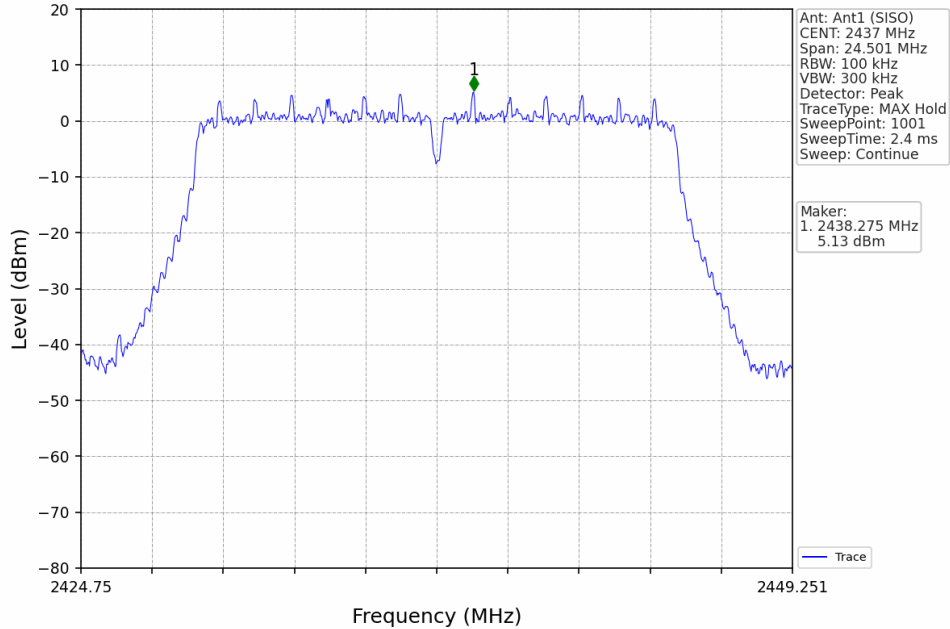
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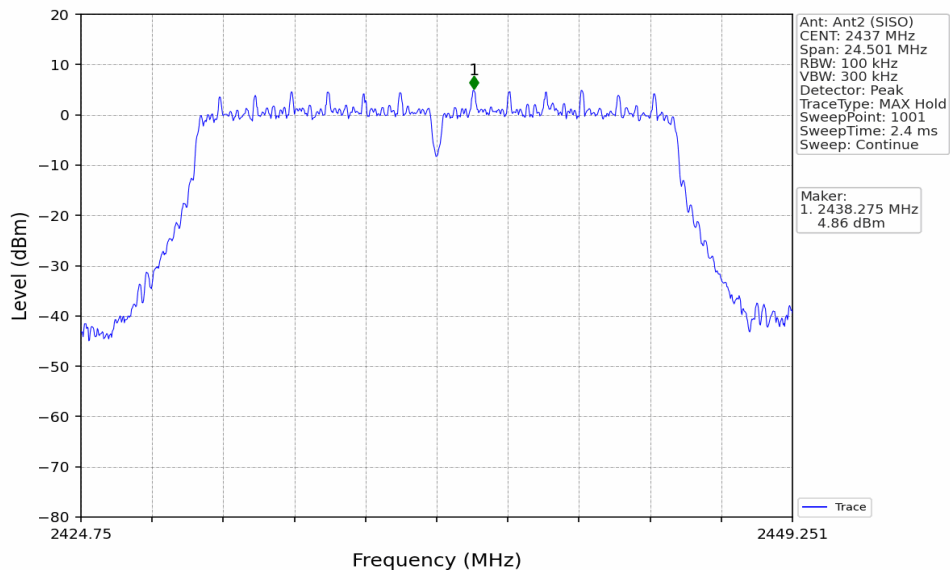
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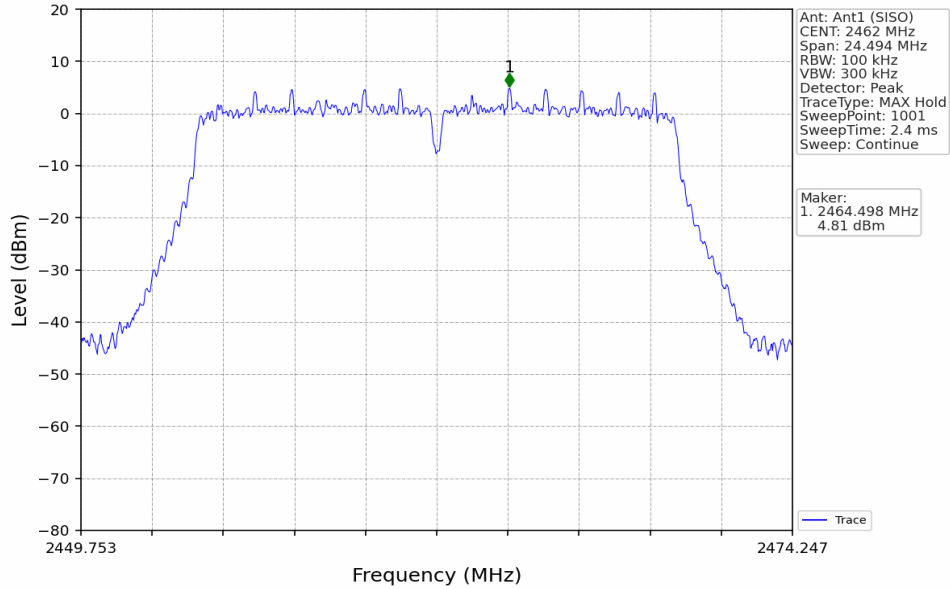
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



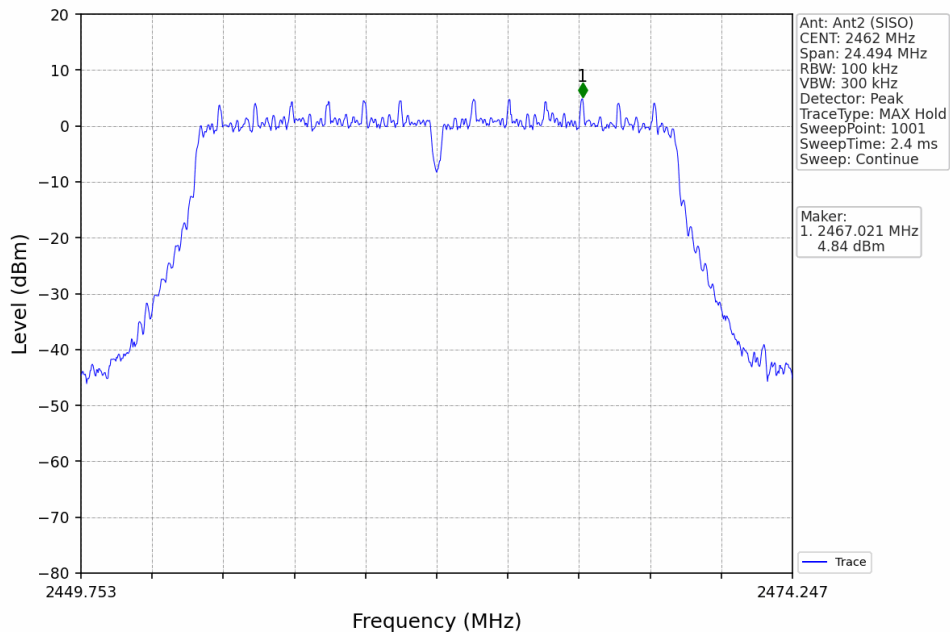
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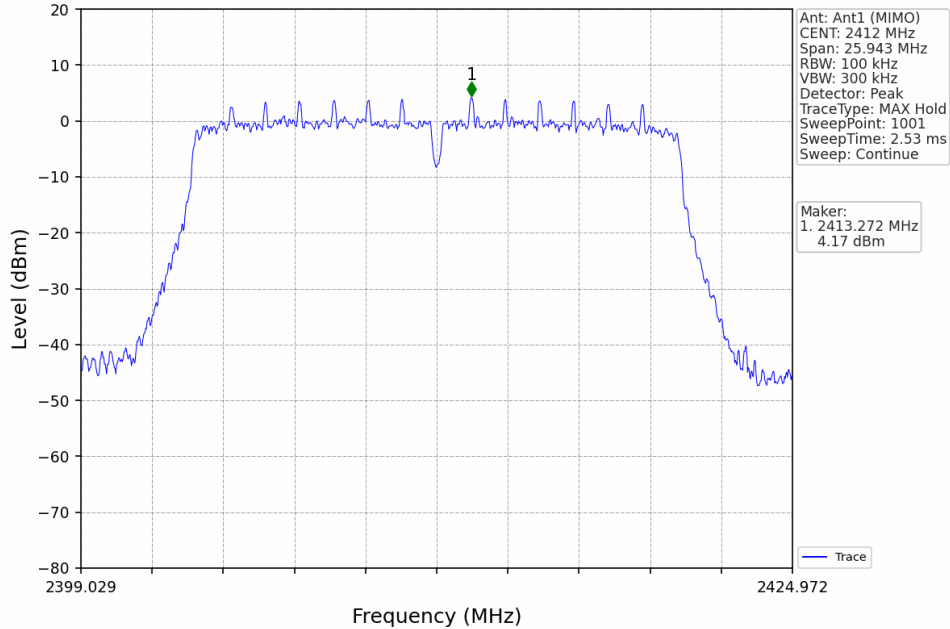
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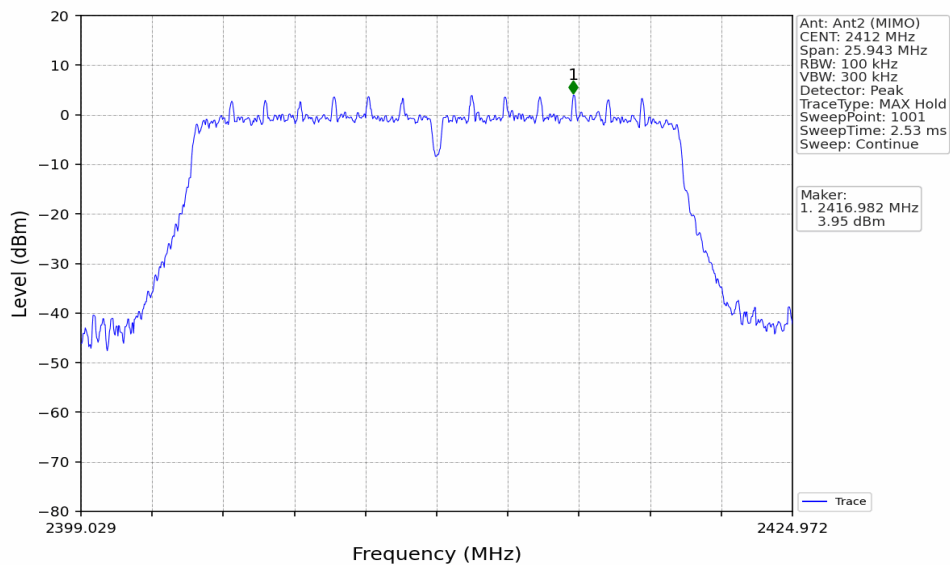
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



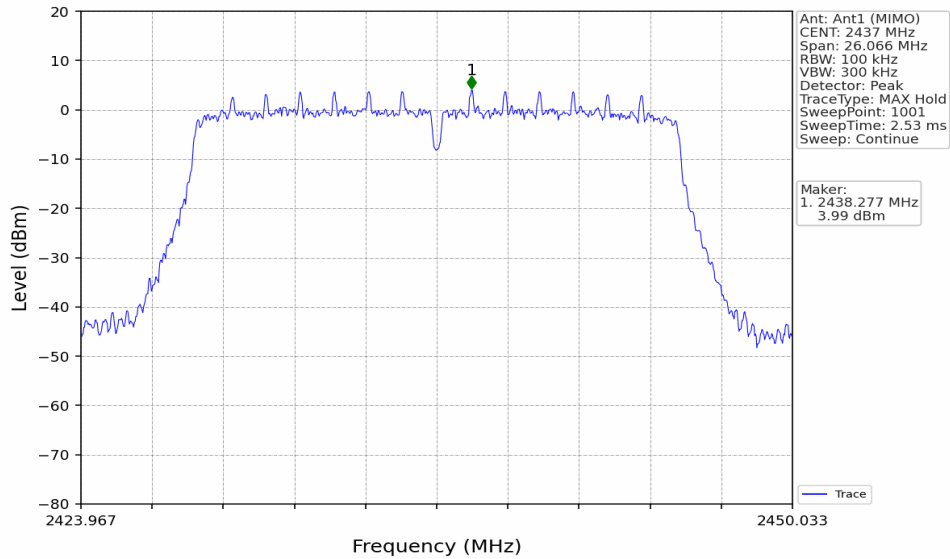
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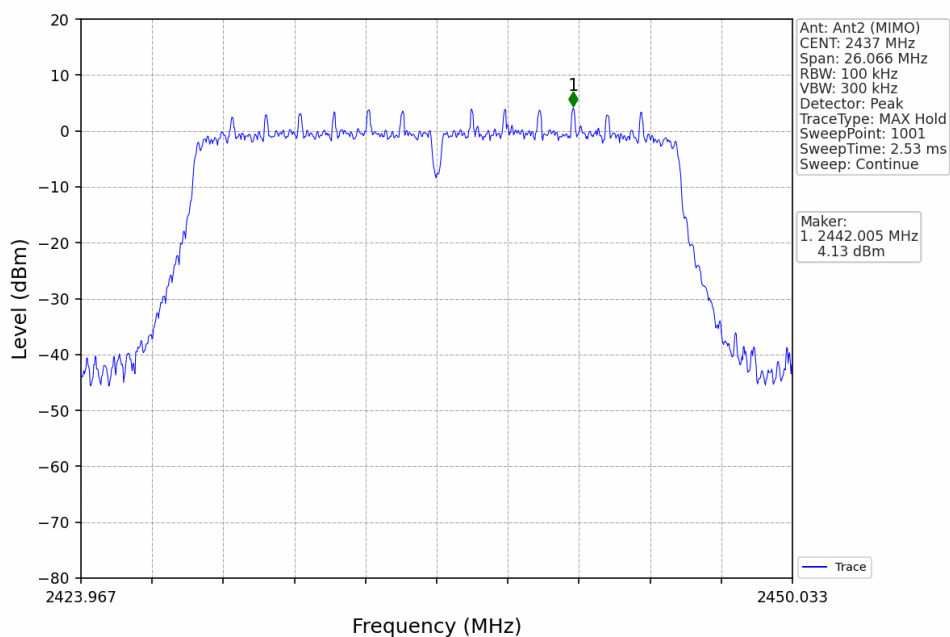
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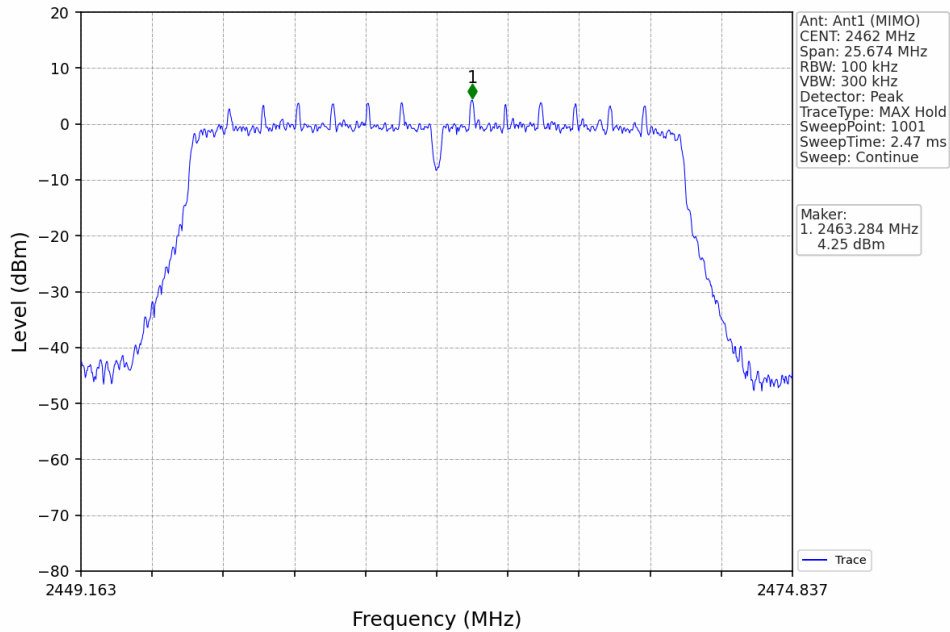
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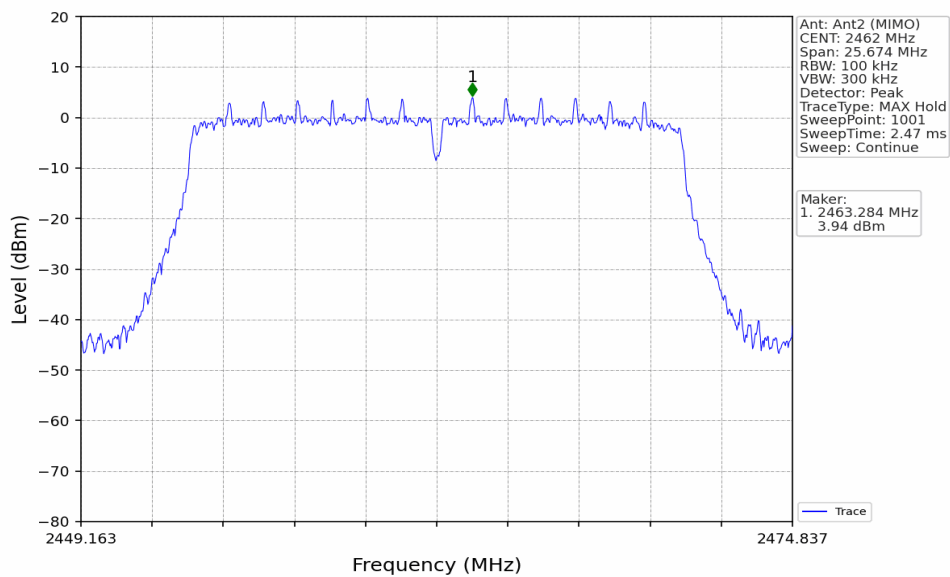
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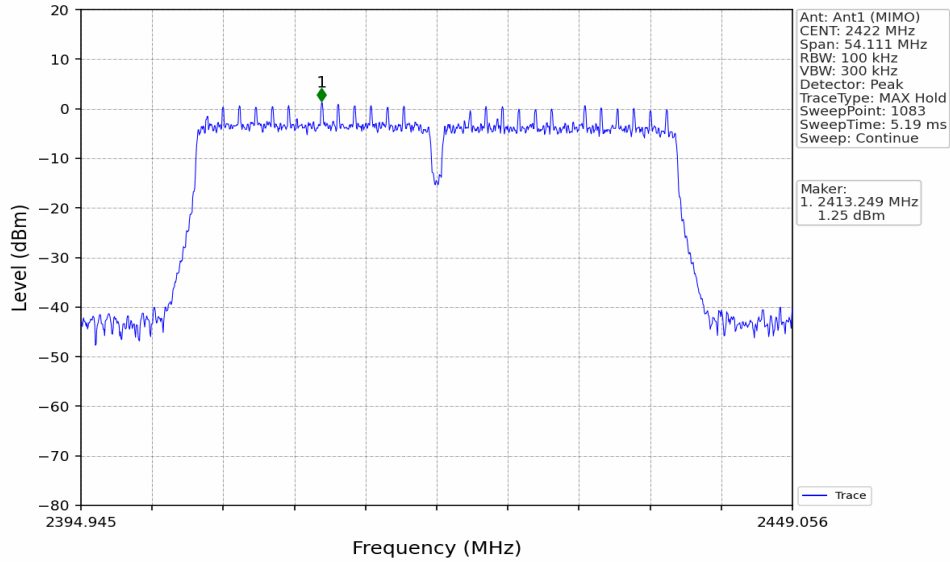
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (MIMO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant2 (MIMO)_NTNV

