

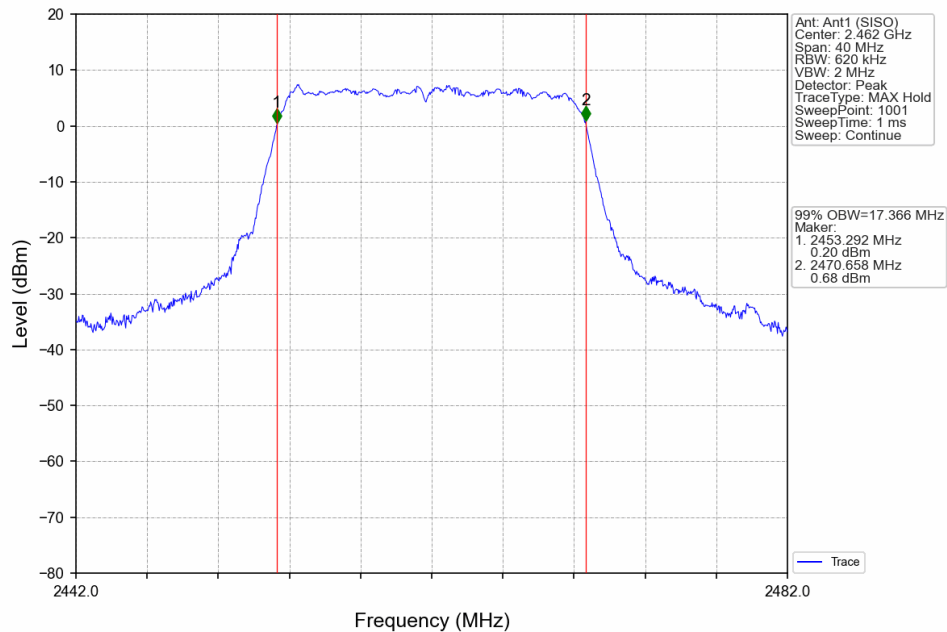
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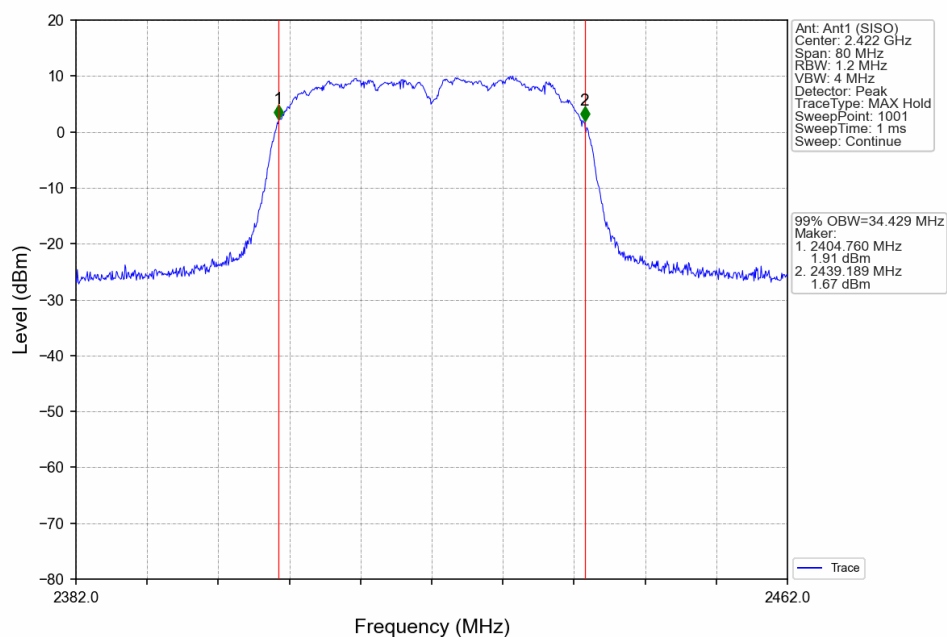
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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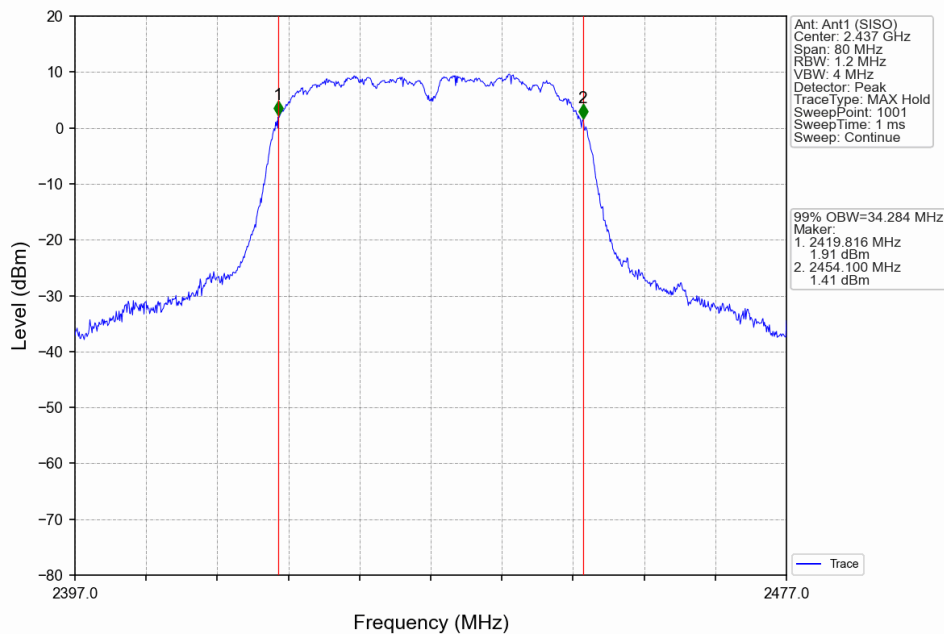
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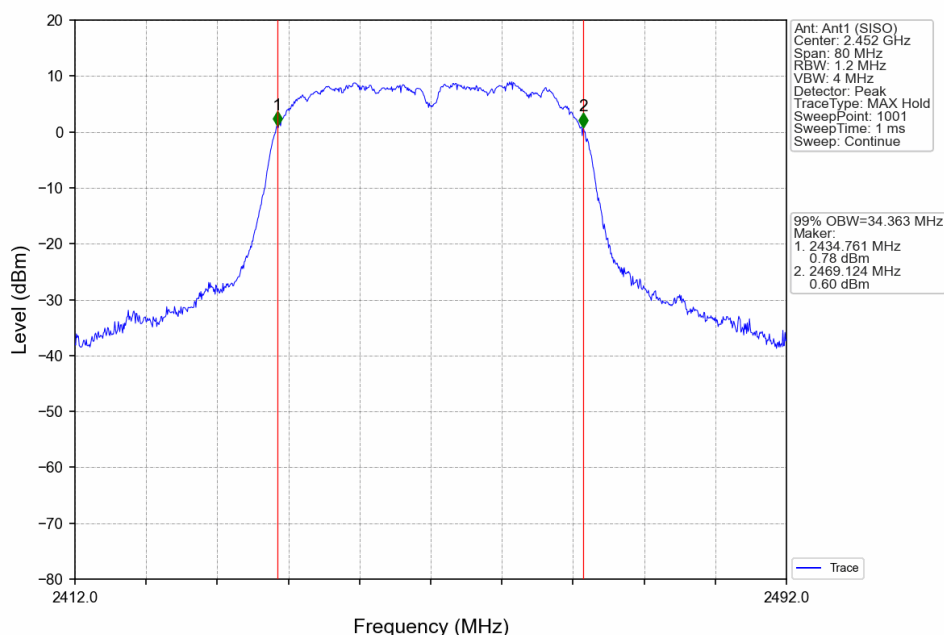
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_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	
802.11b	SISO	2412	1	10.065	≥ 0.5	Pass
		2437	1	10.081	≥ 0.5	Pass
		2462	1	10.047	≥ 0.5	Pass
802.11g	SISO	2412	1	16.443	≥ 0.5	Pass
		2437	1	16.437	≥ 0.5	Pass
		2462	1	16.443	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.074	≥ 0.5	Pass
		2437	1	17.088	≥ 0.5	Pass
		2462	1	17.062	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	32.276	≥ 0.5	Pass
		2437	1	32.312	≥ 0.5	Pass
		2452	1	32.317	≥ 0.5	Pass



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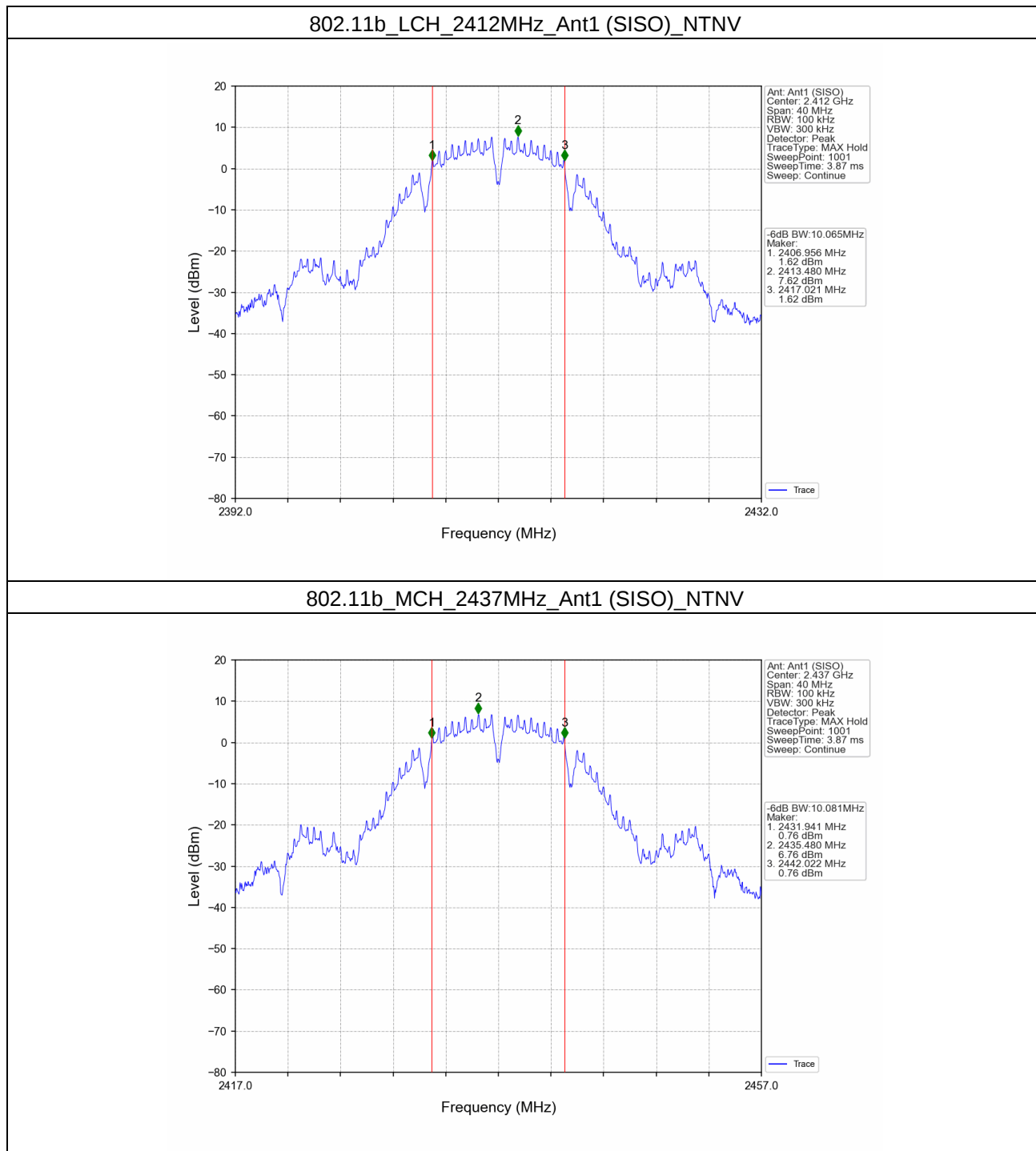
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2.2.2 Test Graph



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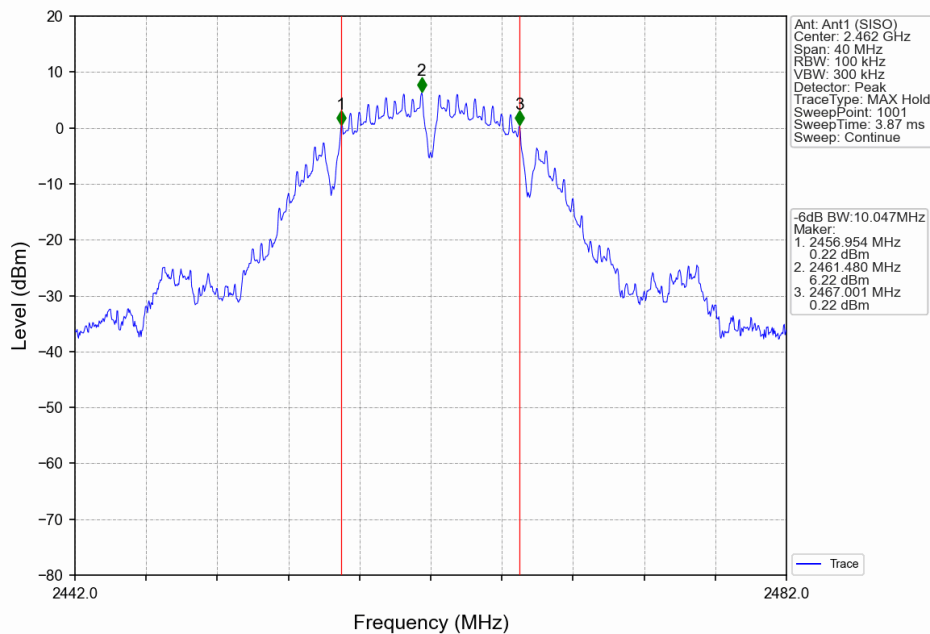
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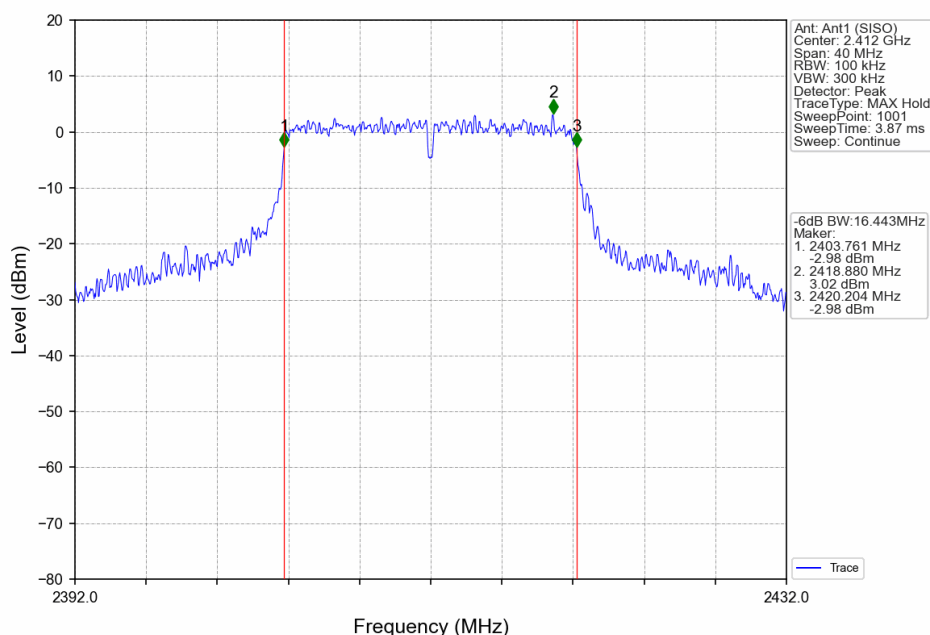
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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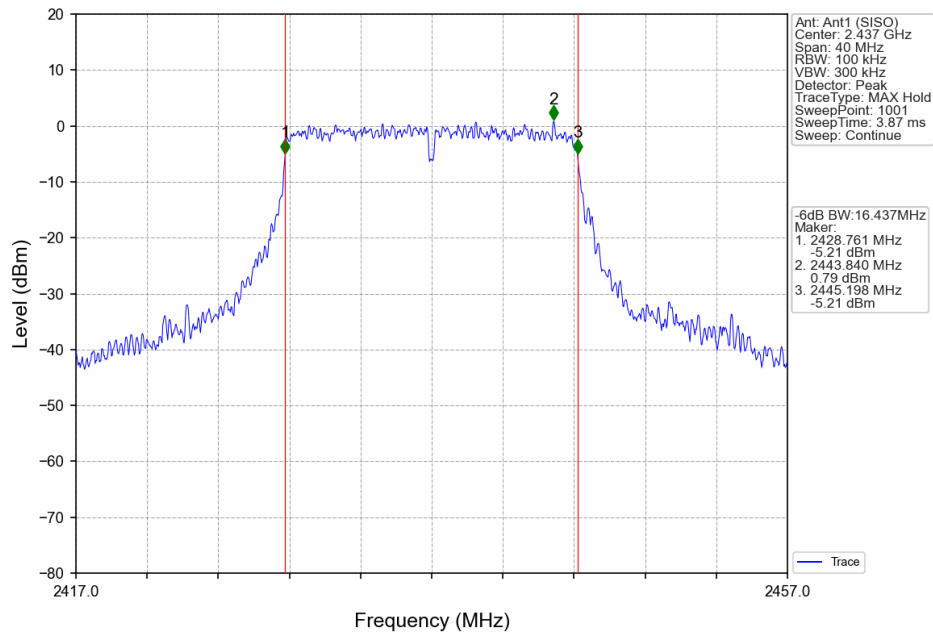
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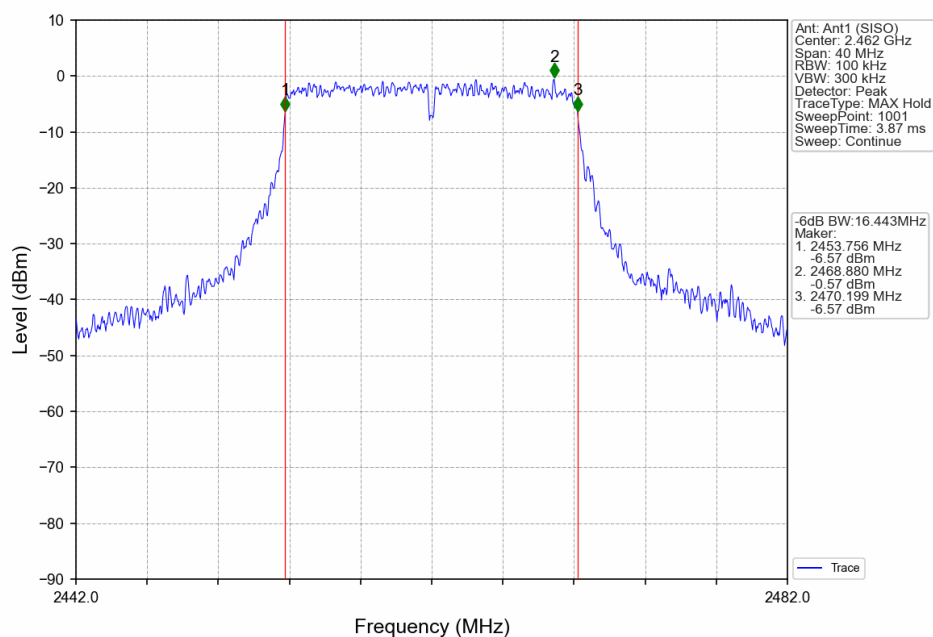
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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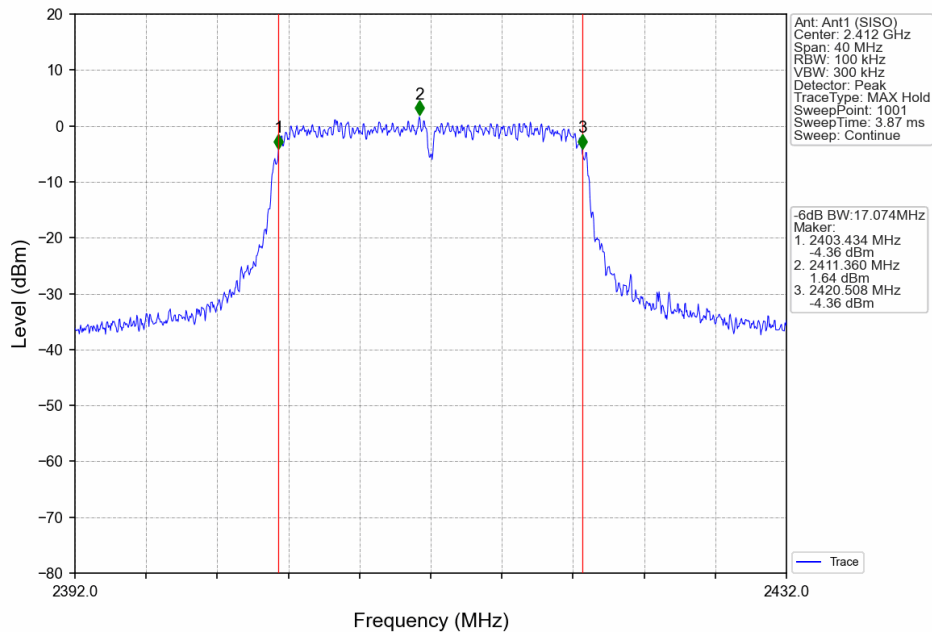
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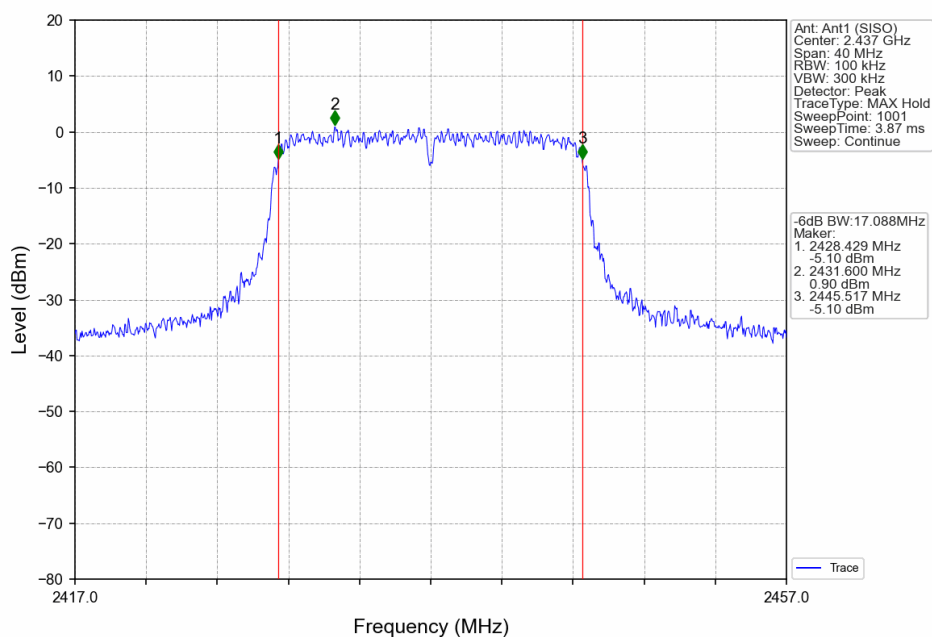
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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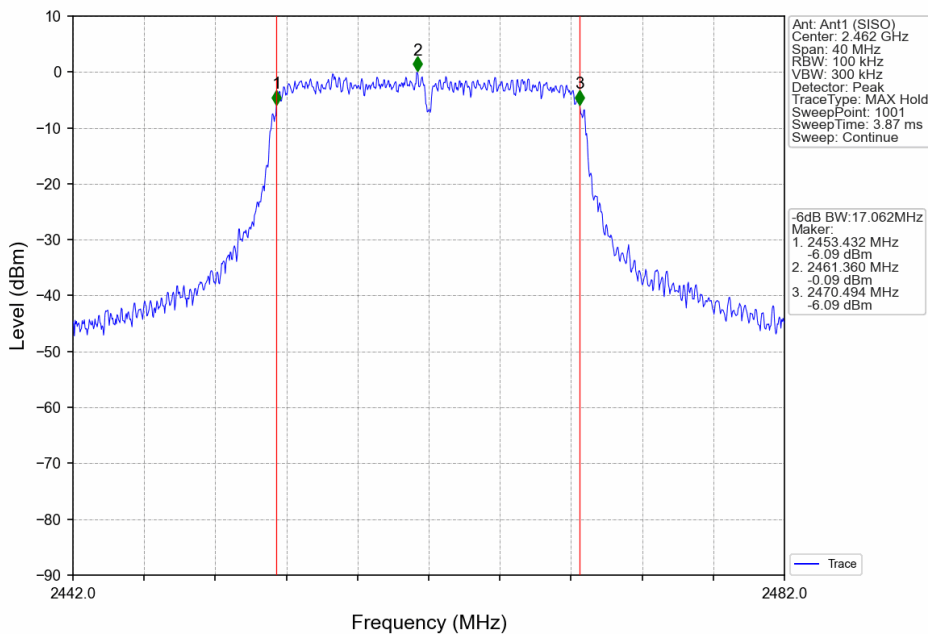
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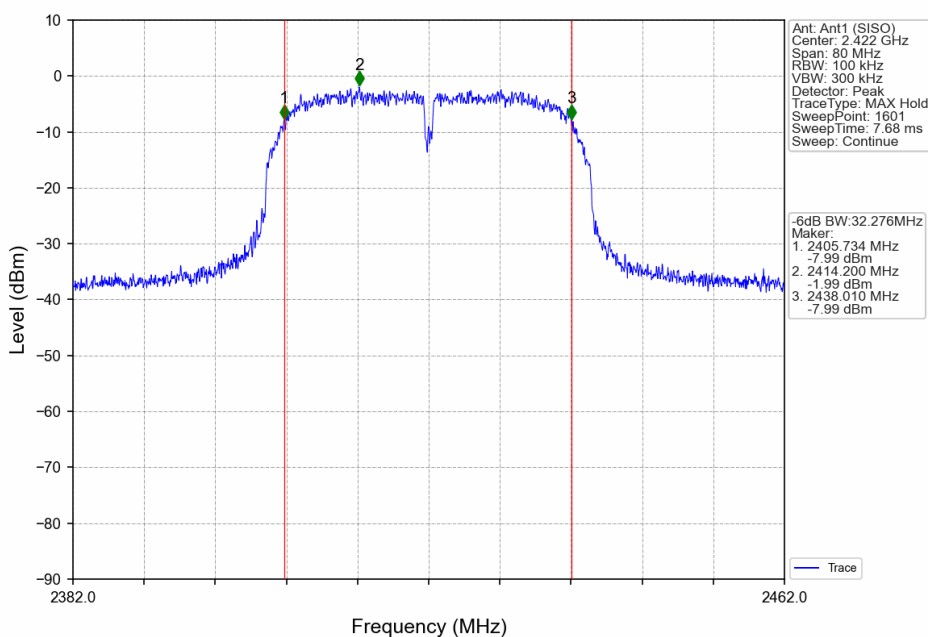
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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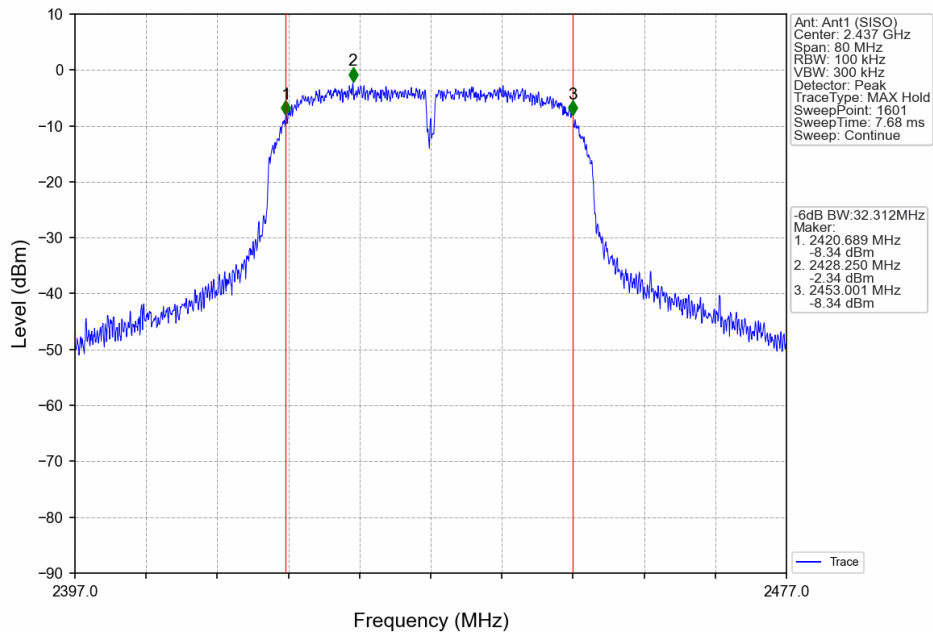
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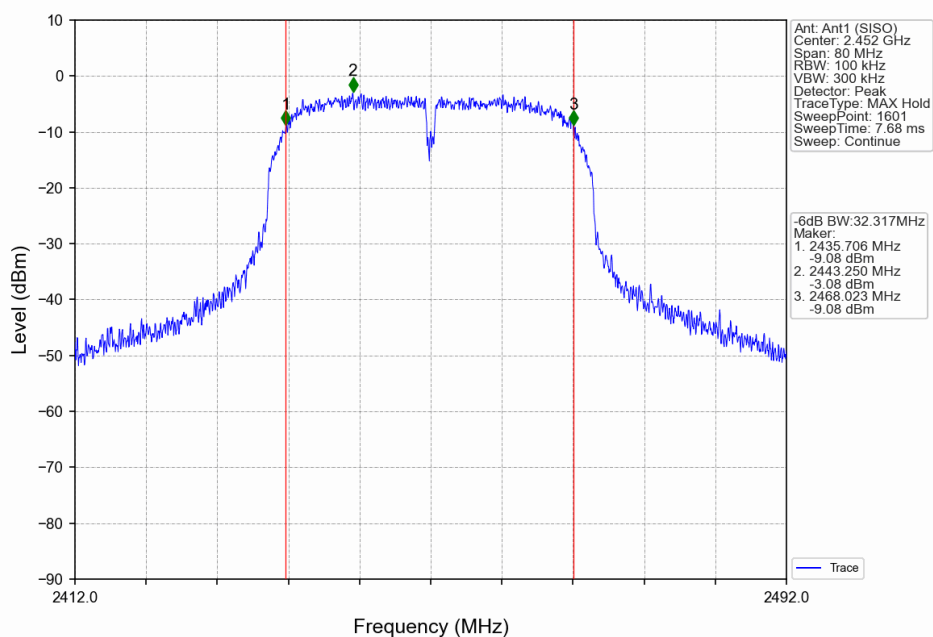
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	15.78	<=30	Pass
		2437	15.65	<=30	Pass
		2462	15.02	<=30	Pass
802.11g	SISO	2412	14.74	<=30	Pass
		2437	13.80	<=30	Pass
		2462	12.52	<=30	Pass
802.11n (HT20)	SISO	2412	14.06	<=30	Pass
		2437	13.67	<=30	Pass
		2462	12.36	<=30	Pass
802.11n (HT40)	SISO	2422	13.54	<=30	Pass
		2437	13.26	<=30	Pass
		2452	12.65	<=30	Pass



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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
			ANT1	Limit	
802.11b	SISO	2412	-9.13	<=8	Pass
		2437	-8.93	<=8	Pass
		2462	-9.79	<=8	Pass
802.11g	SISO	2412	-13.19	<=8	Pass
		2437	-14.49	<=8	Pass
		2462	-15.41	<=8	Pass
802.11n (HT20)	SISO	2412	-13.59	<=8	Pass
		2437	-13.90	<=8	Pass
		2462	-15.24	<=8	Pass
802.11n (HT40)	SISO	2422	-16.33	<=8	Pass
		2437	-16.26	<=8	Pass
		2452	-17.08	<=8	Pass



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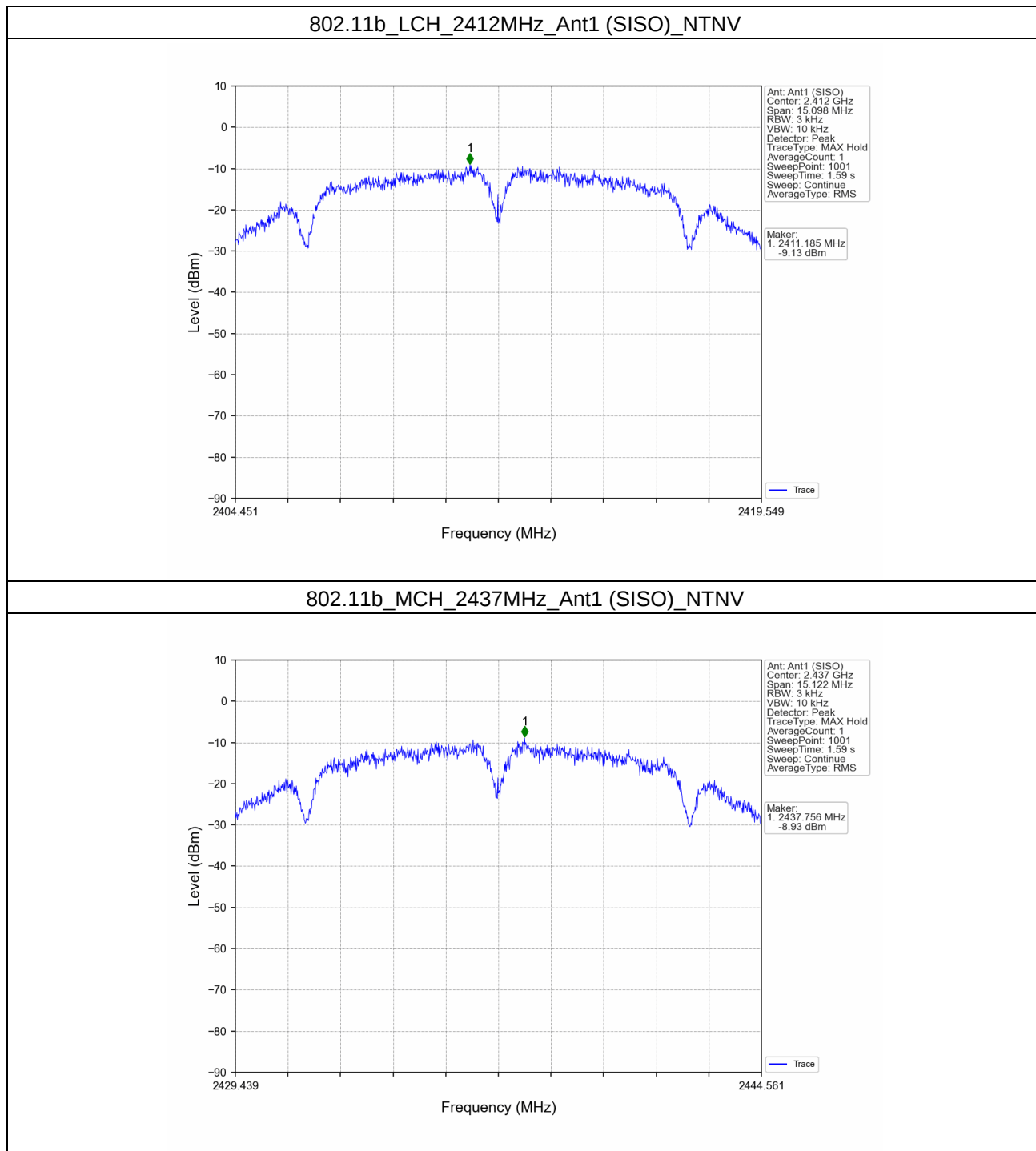
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4.1.2 Test Graph



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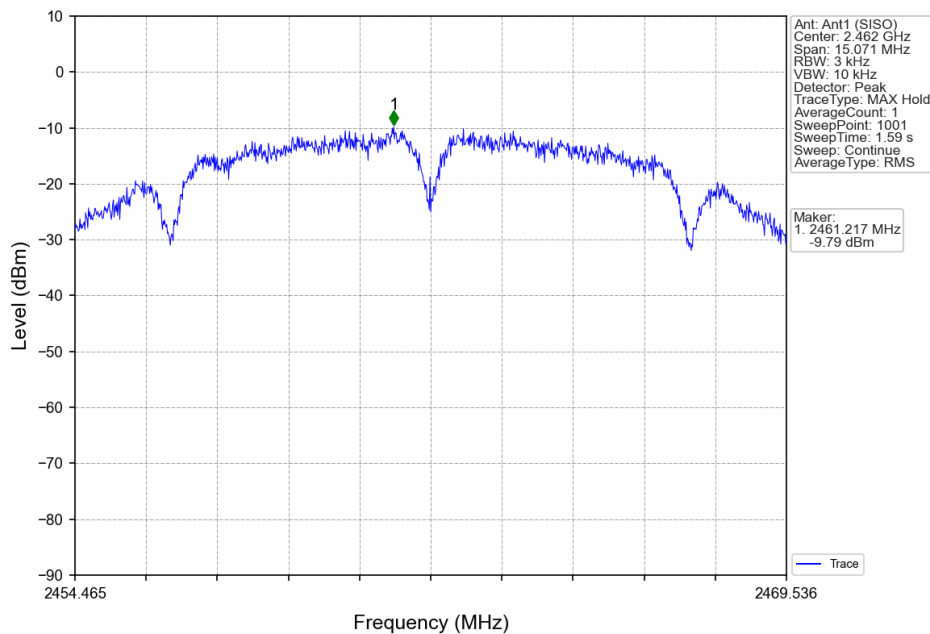
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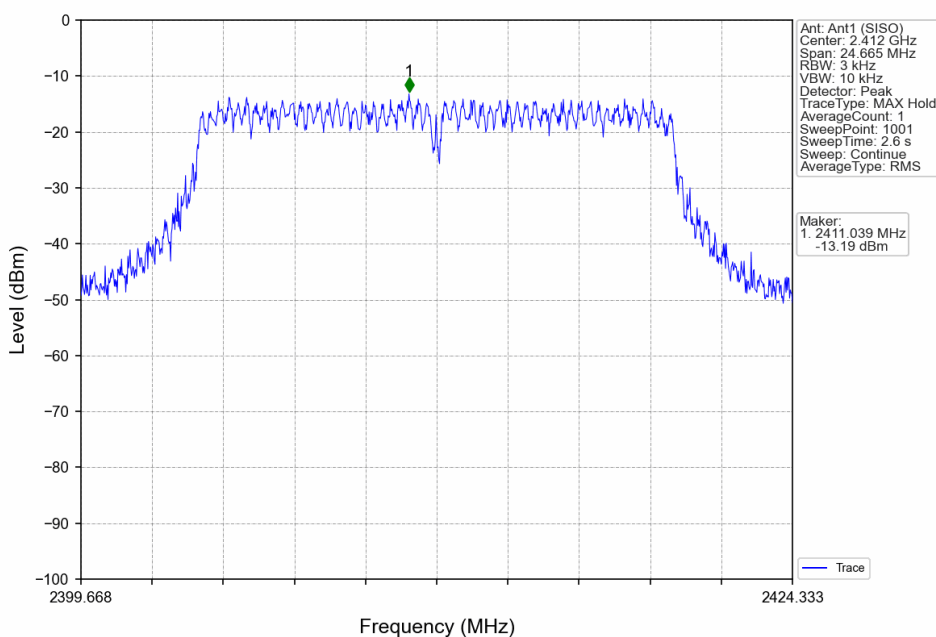
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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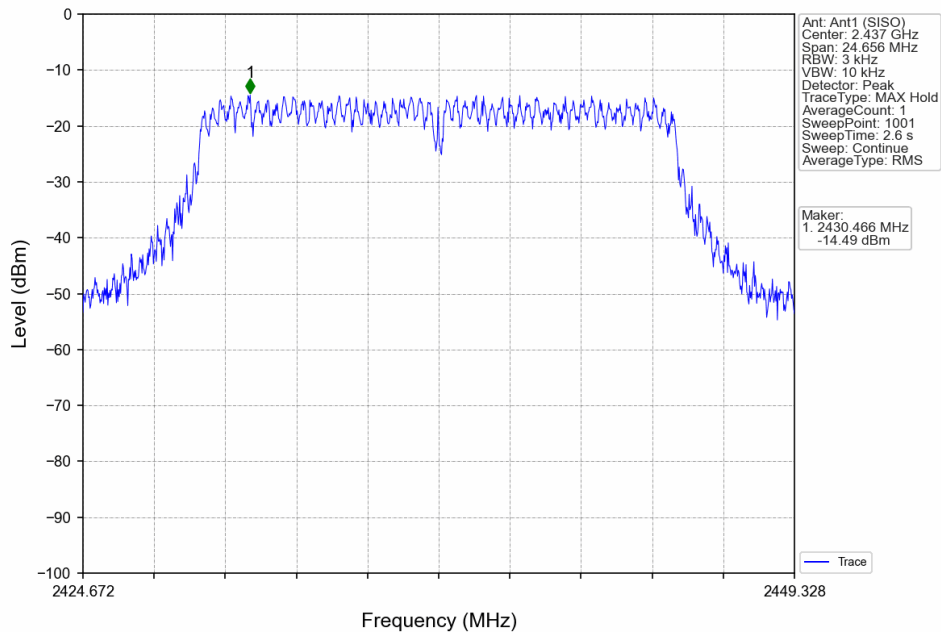
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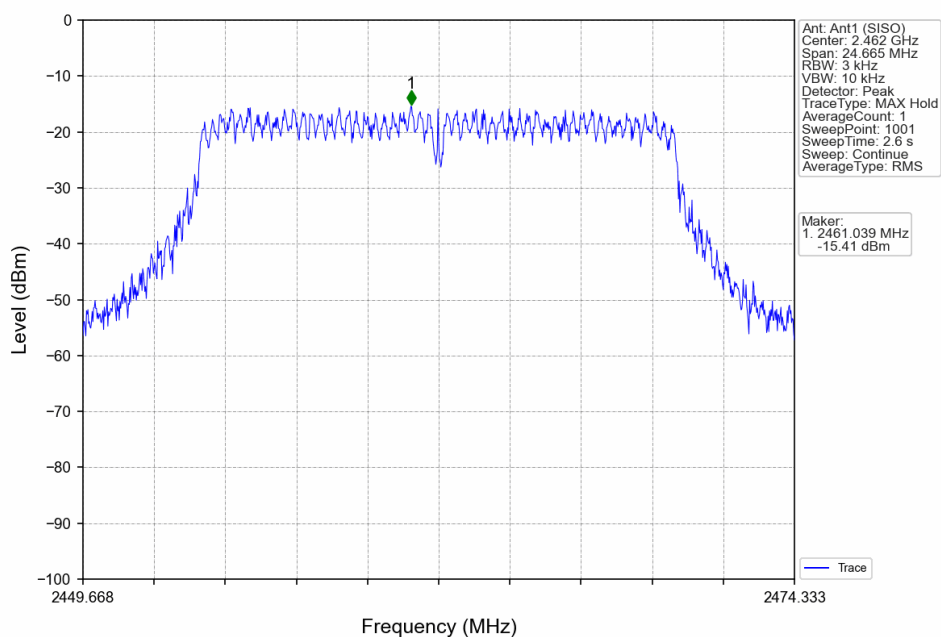
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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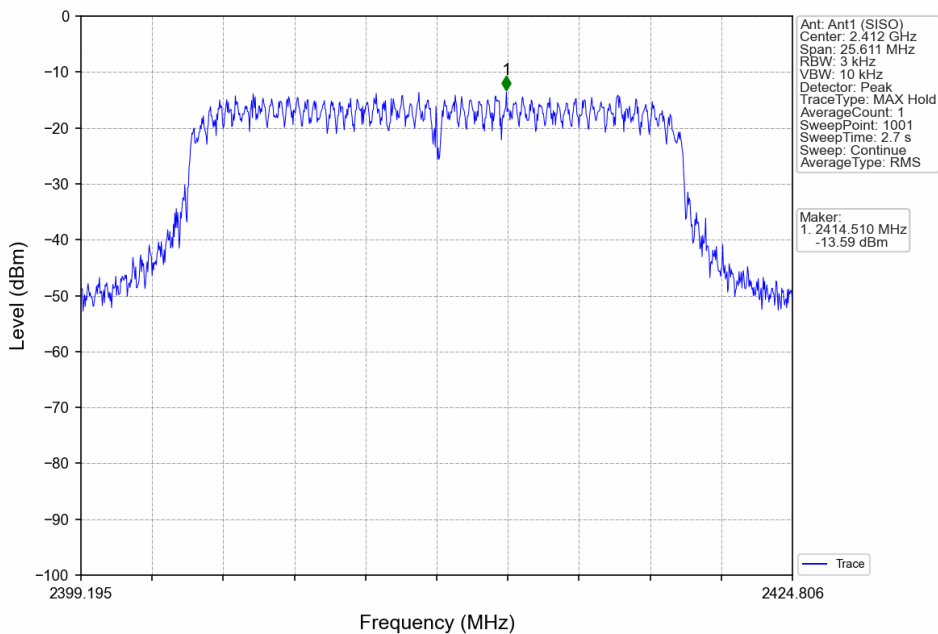
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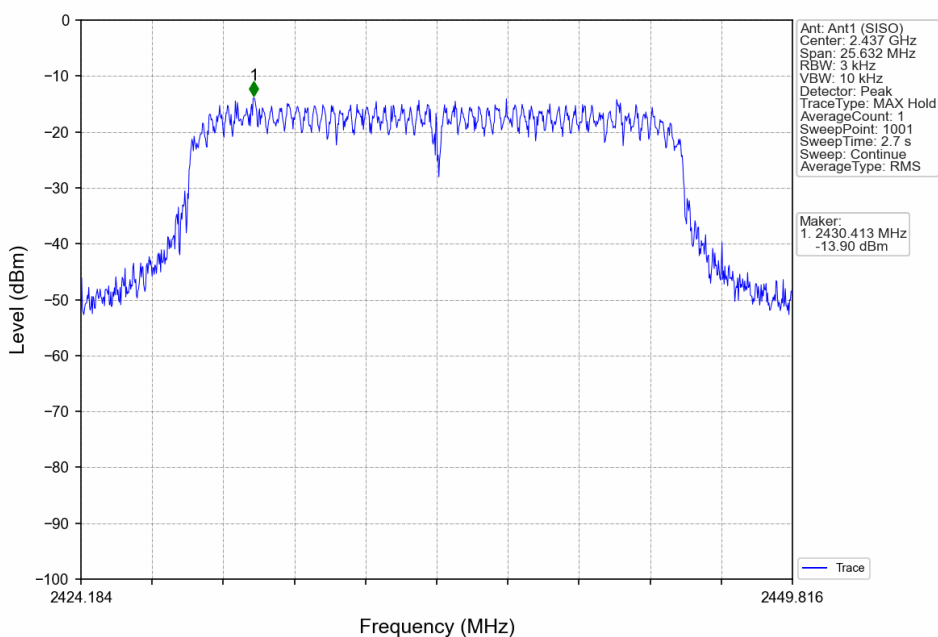
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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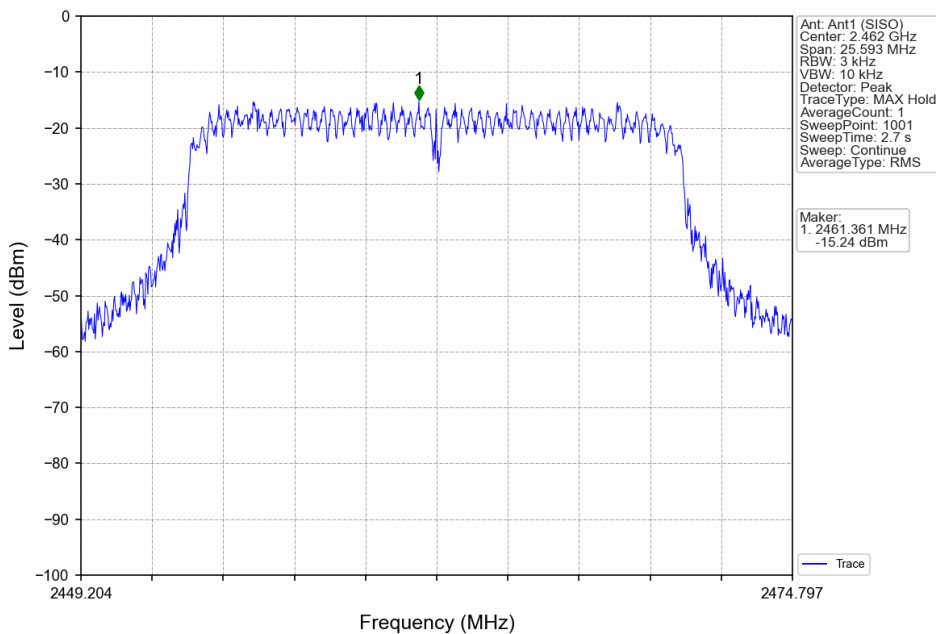
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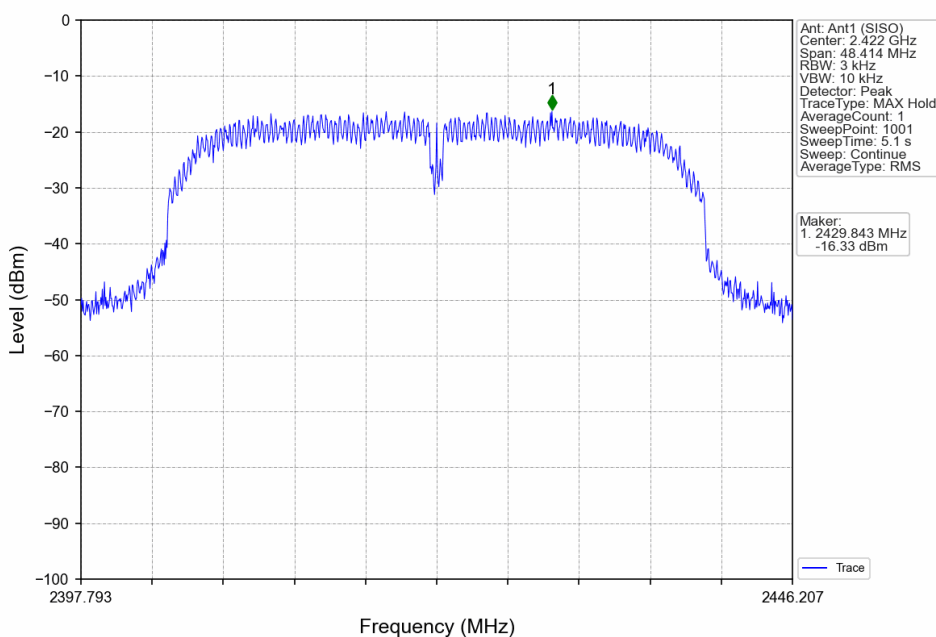
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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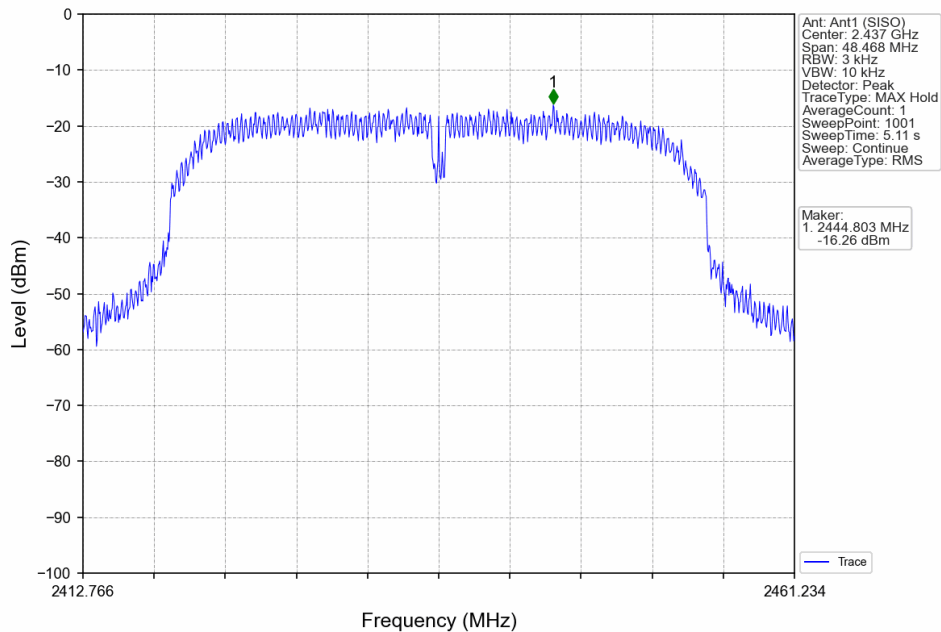
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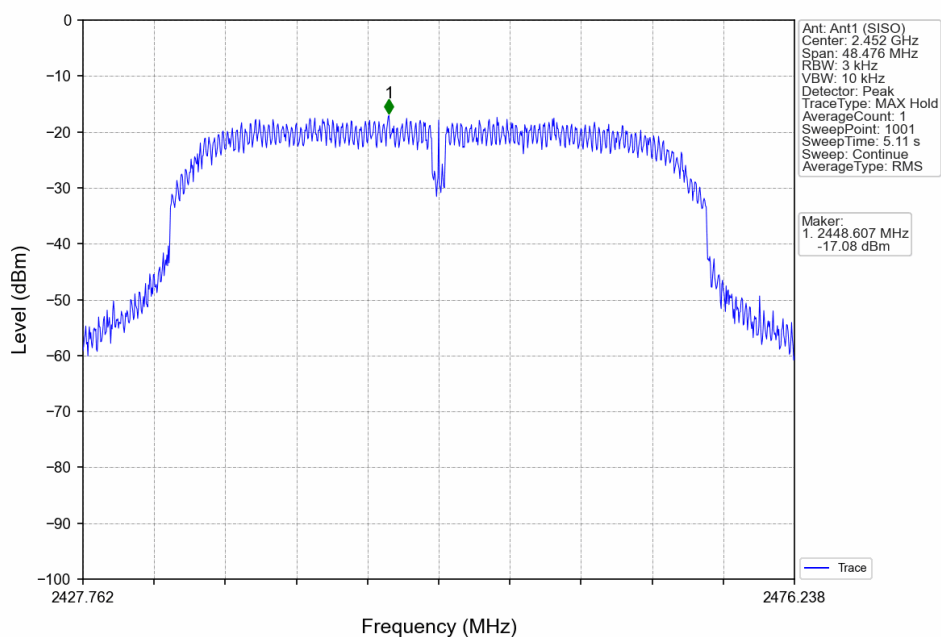
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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5. Unwanted Emissions InStandard Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	7.06
		2437	1	6.84
		2462	1	6.26
802.11g	SISO	2412	1	1.23
		2437	1	0.74
		2462	1	-0.67
802.11n (HT20)	SISO	2412	1	1.56
		2437	1	1.24
		2462	1	-0.74
802.11n (HT40)	SISO	2422	1	-2.11
		2437	1	-2.59
		2452	1	-2.79



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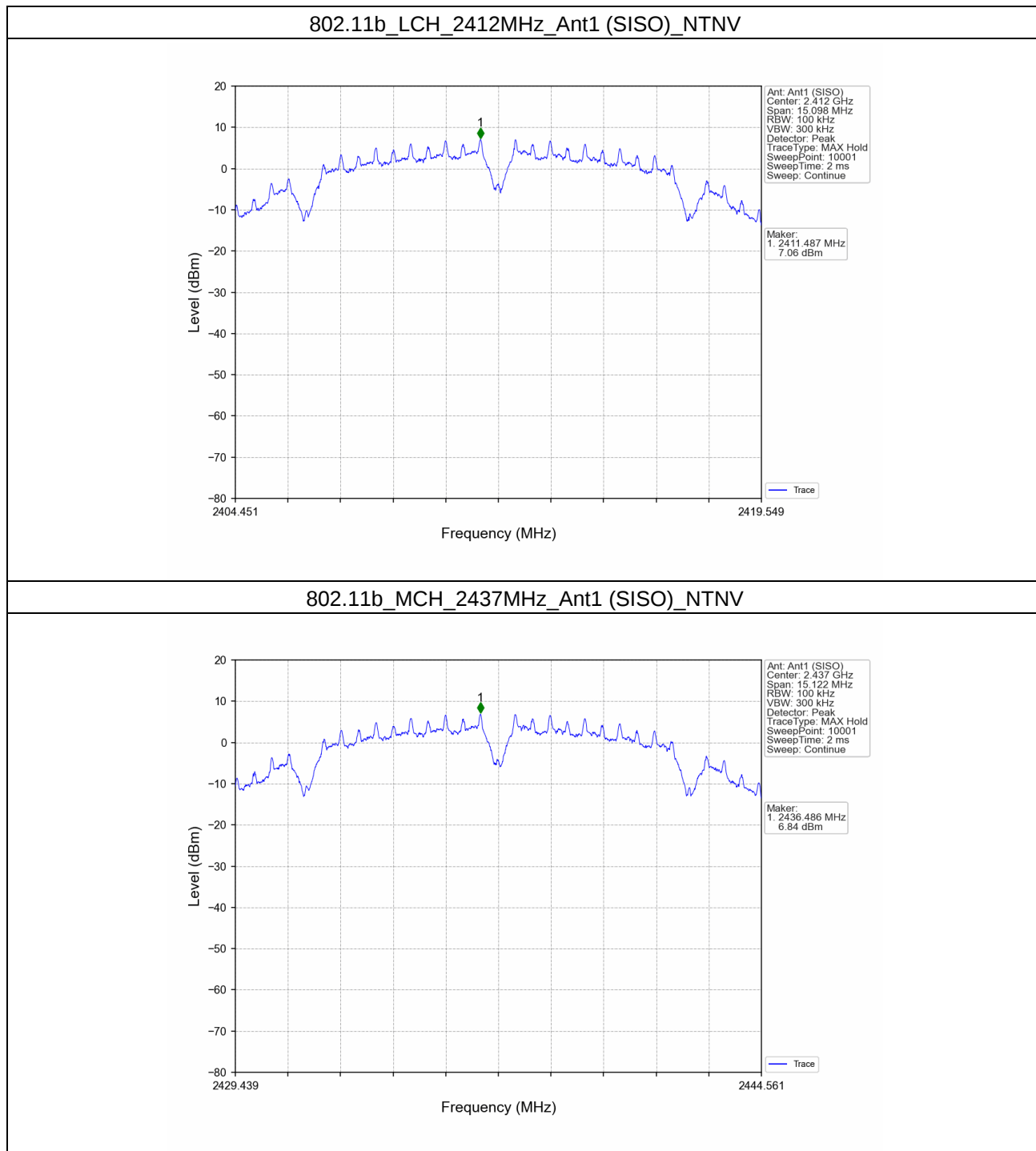
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5.1.2 Test Graph



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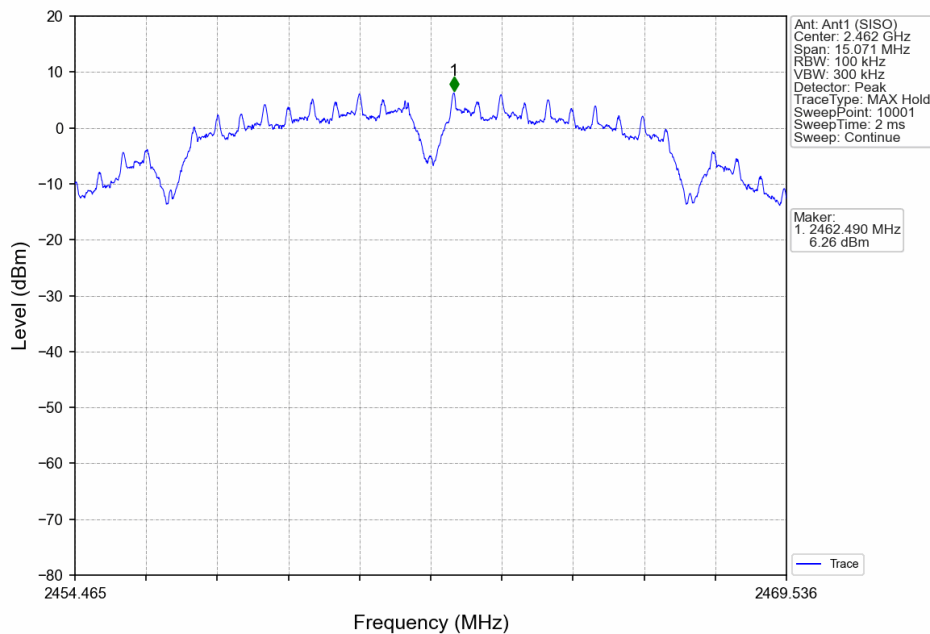
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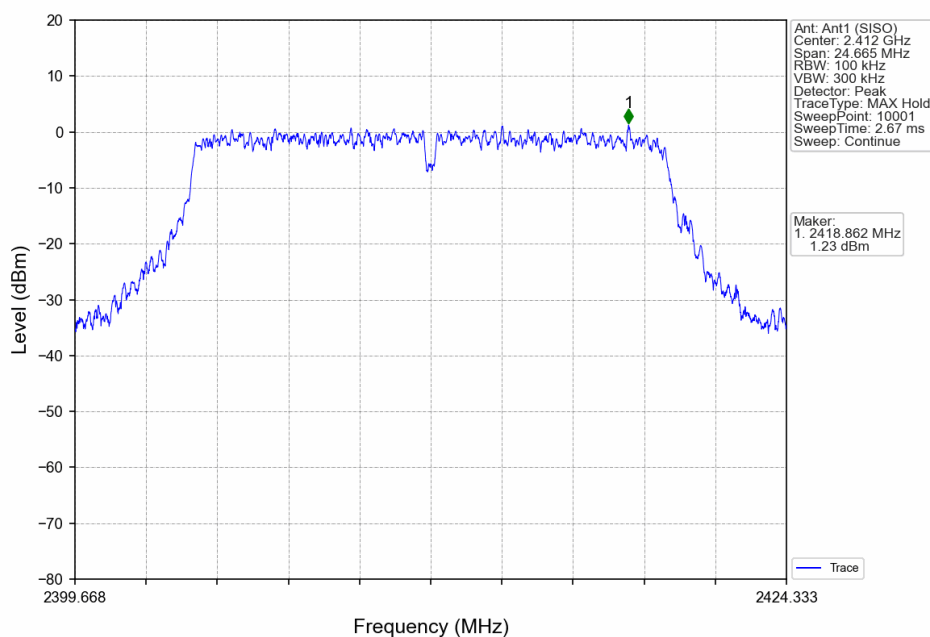
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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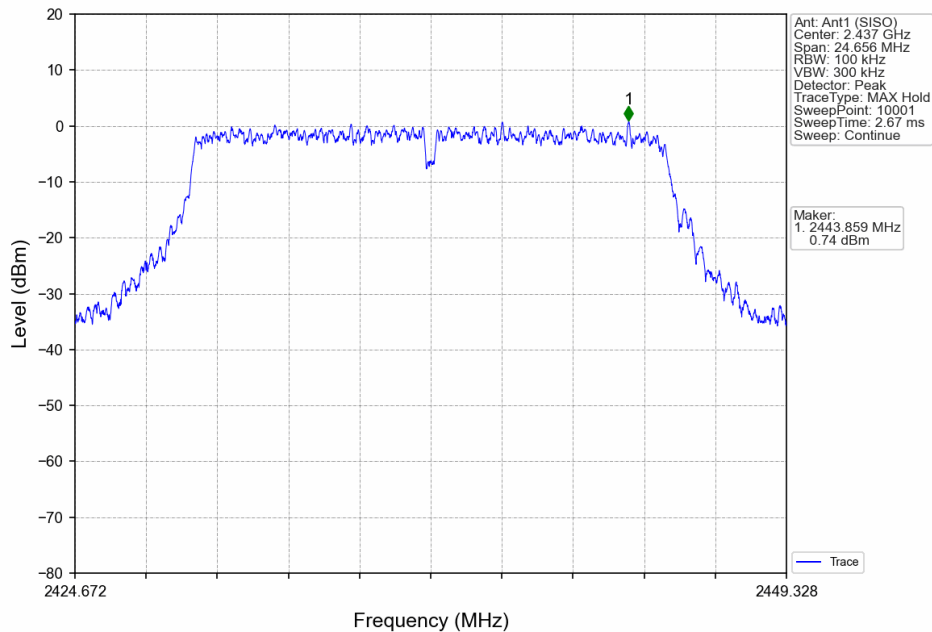
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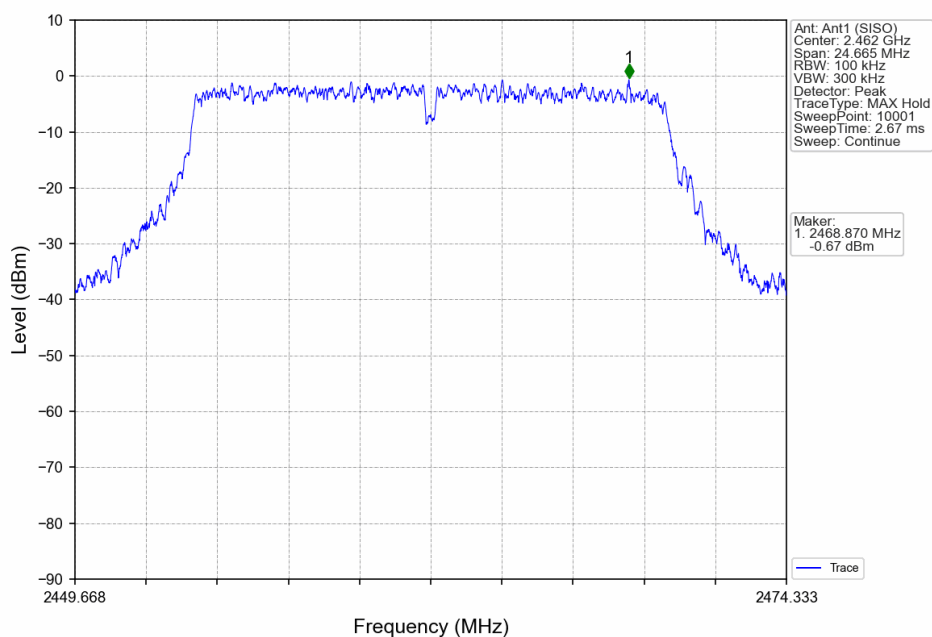
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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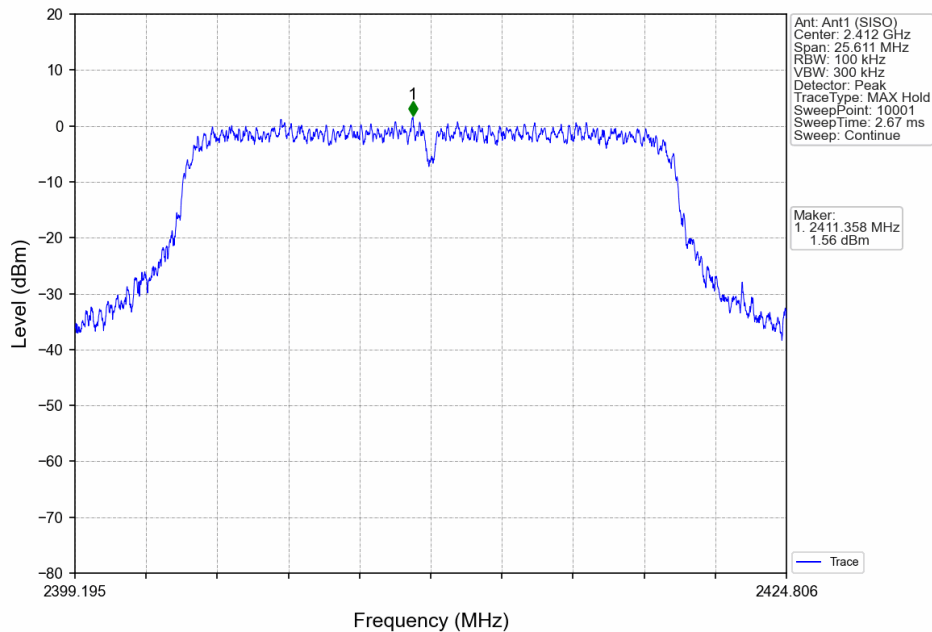
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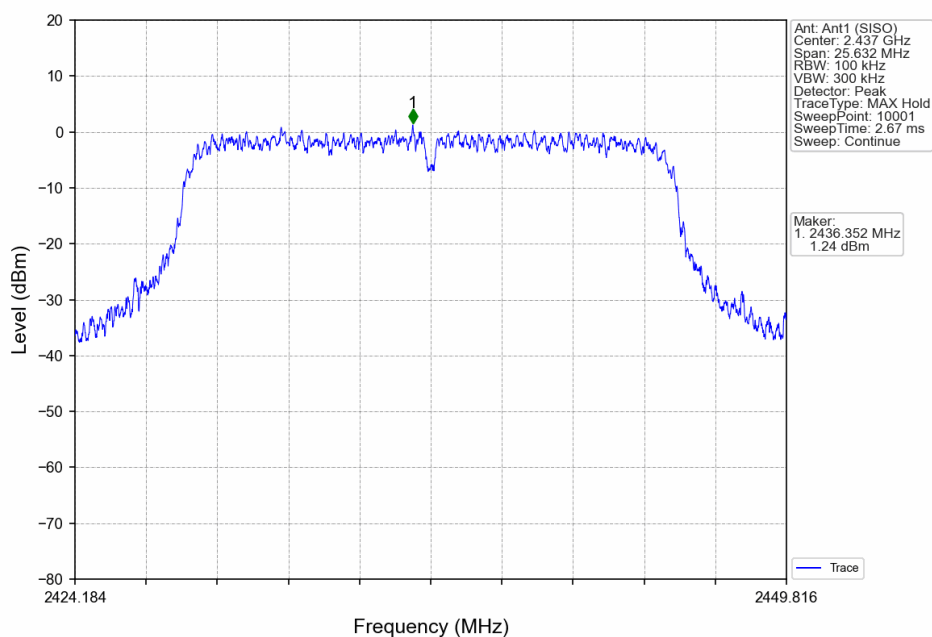
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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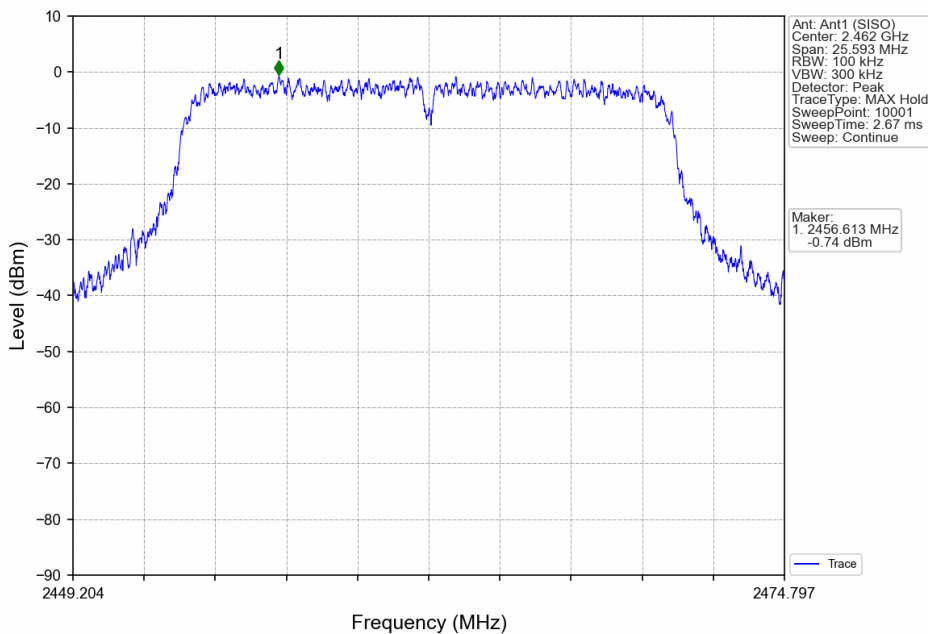
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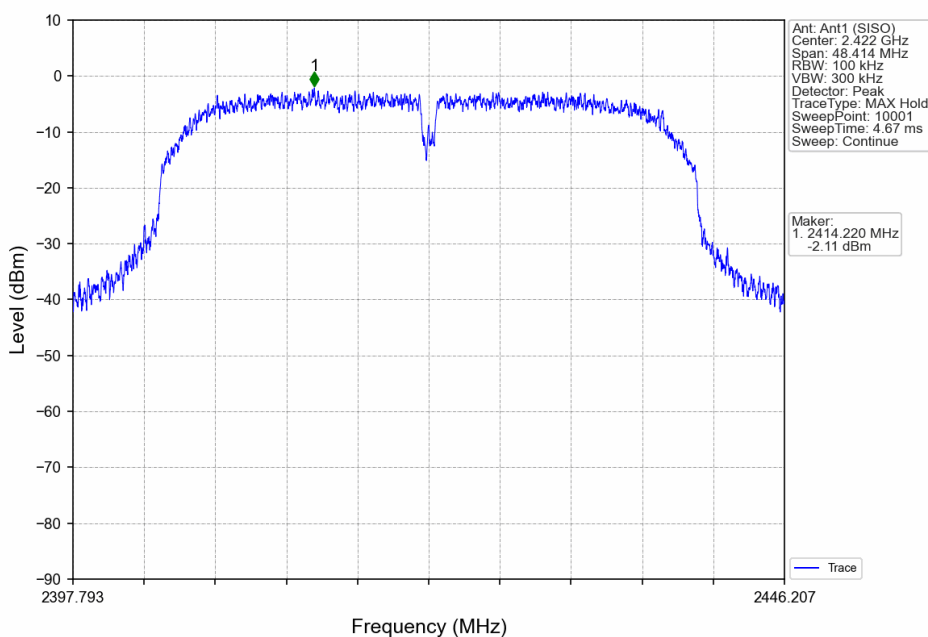
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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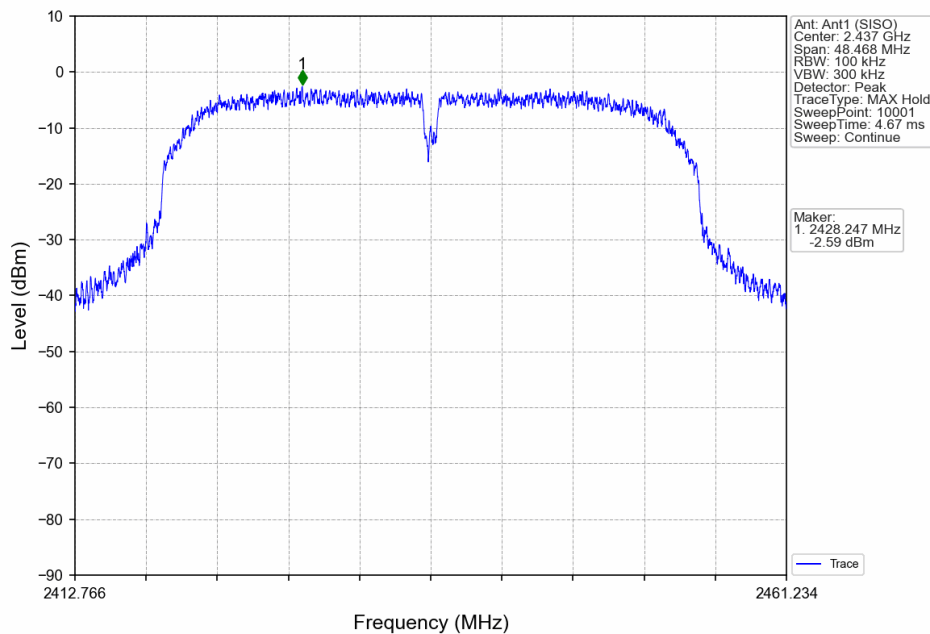
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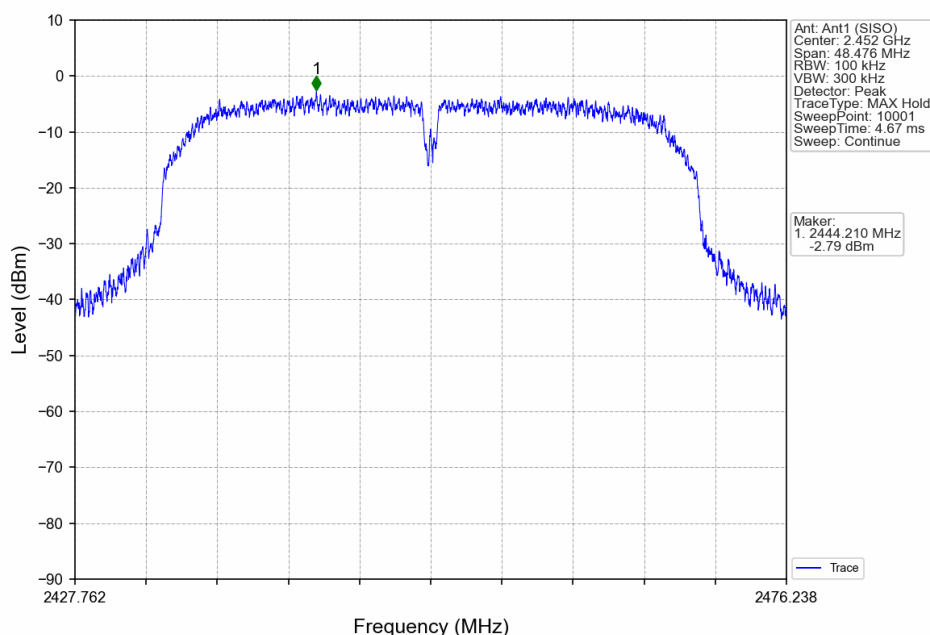
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.06	-22.94	Pass
		2437	1	7.06	-22.94	Pass
		2462	1	7.06	-22.94	Pass
802.11g	SISO	2412	1	1.23	-28.77	Pass
		2437	1	1.23	-28.77	Pass
		2462	1	1.23	-28.77	Pass
802.11n (HT20)	SISO	2412	1	1.56	-28.44	Pass
		2437	1	1.56	-28.44	Pass
		2462	1	1.56	-28.44	Pass
802.11n (HT40)	SISO	2422	1	-2.11	-32.11	Pass
		2437	1	-2.11	-32.11	Pass
		2452	1	-2.11	-32.11	Pass



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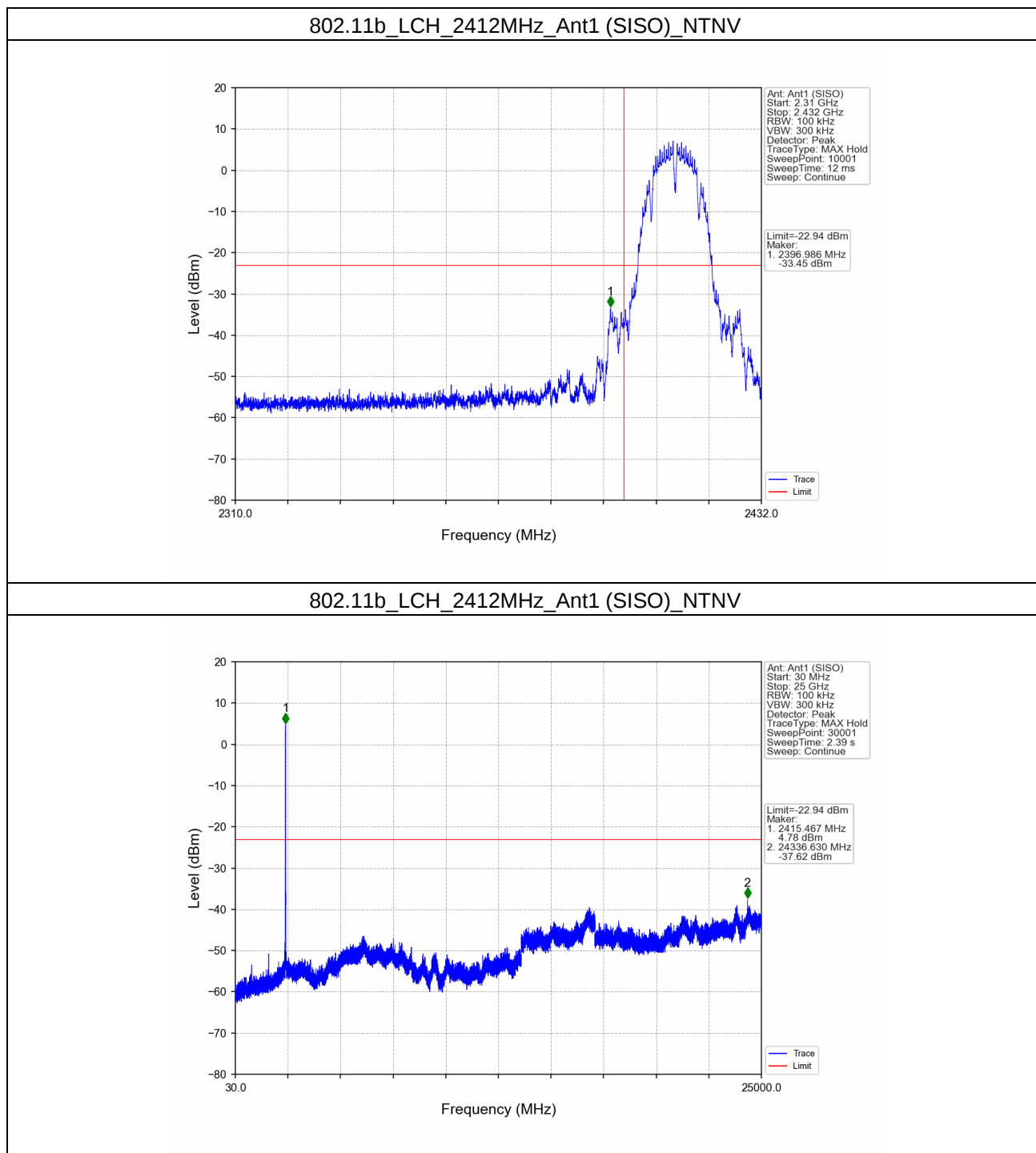
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5.2.2 Test Graph



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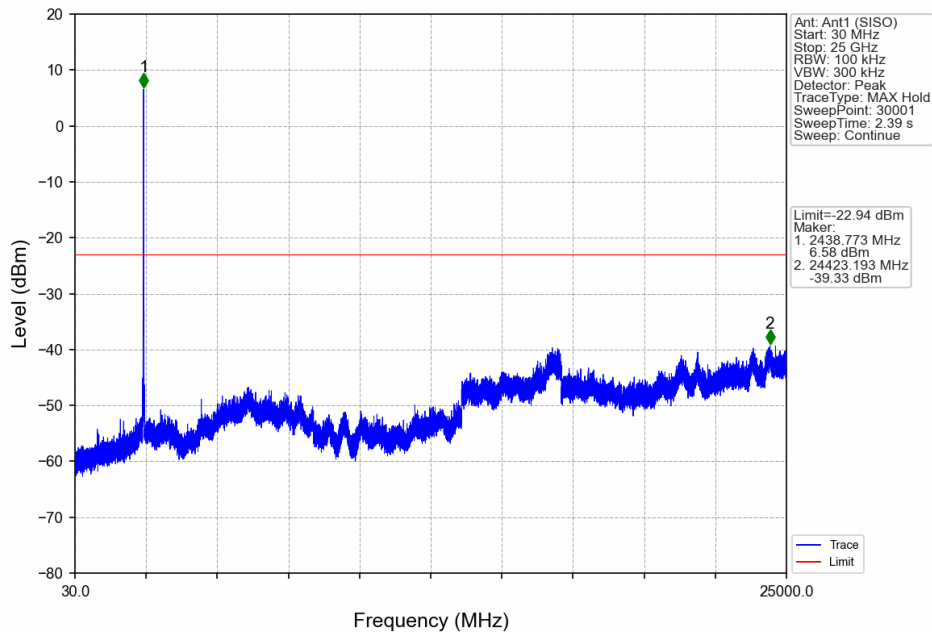
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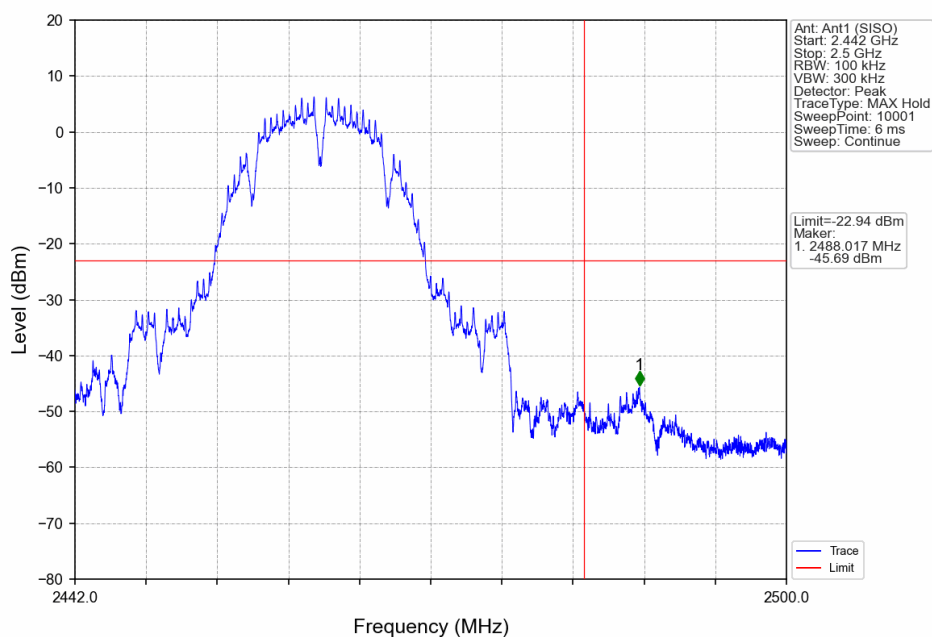
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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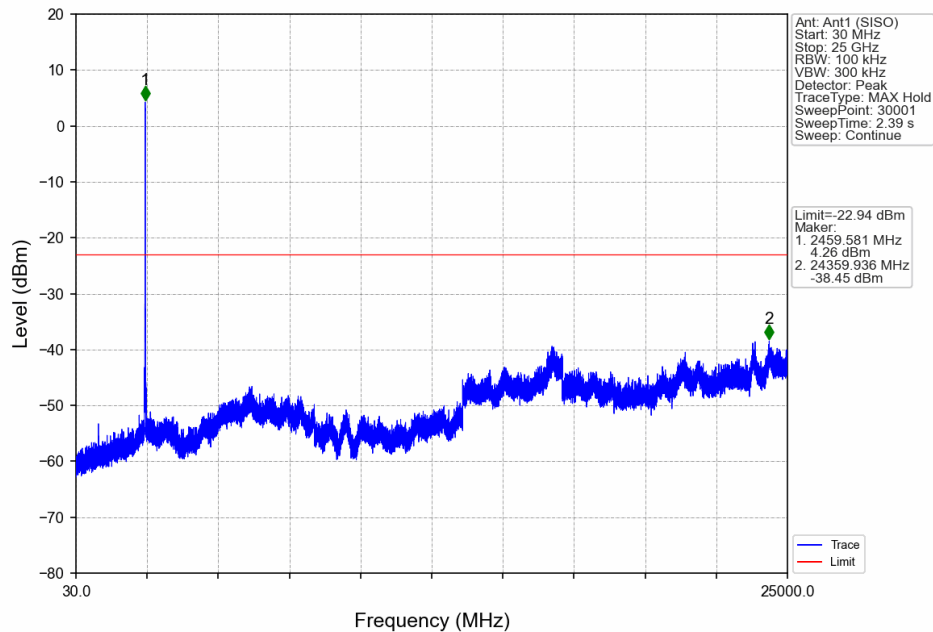
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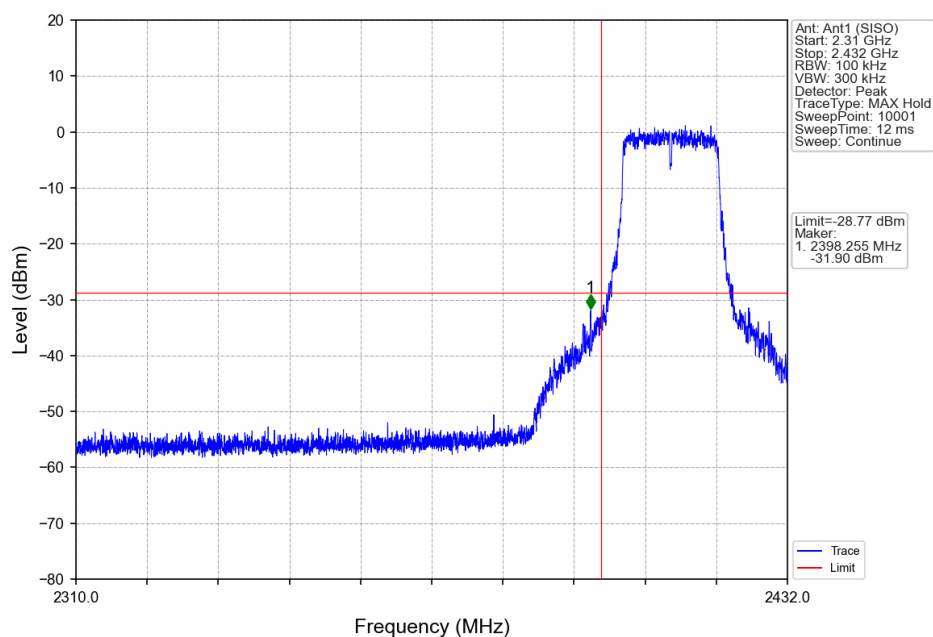
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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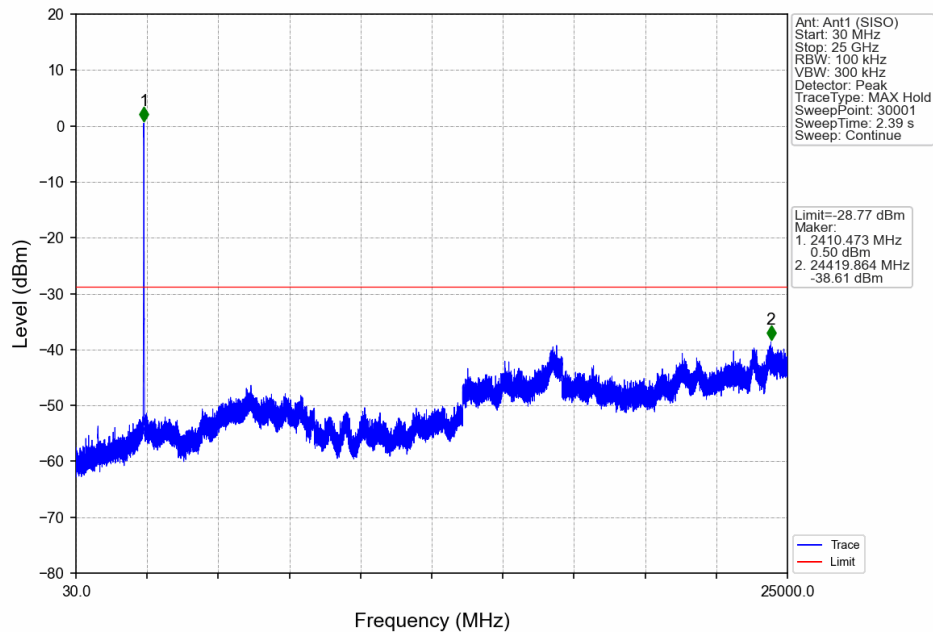
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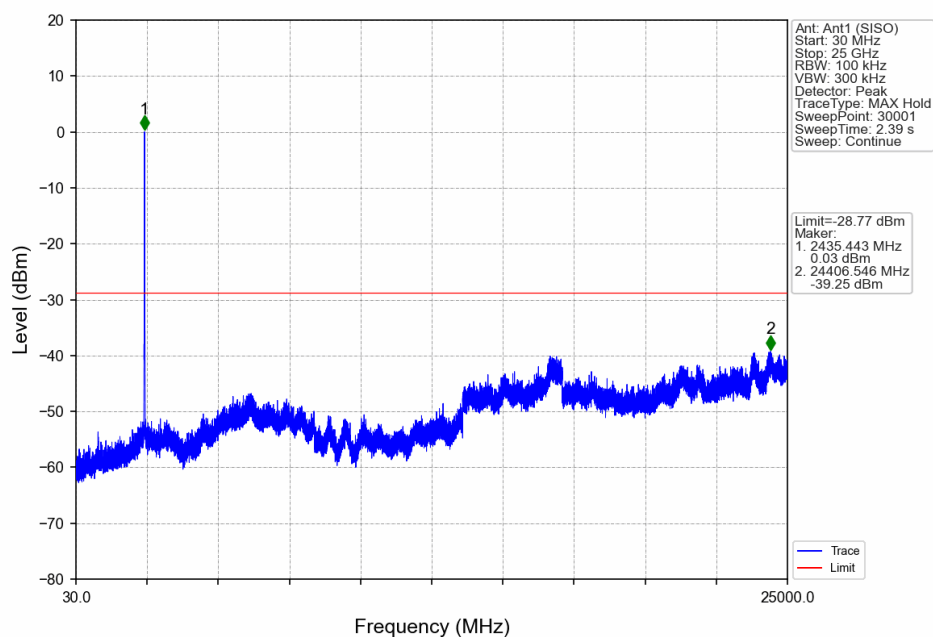
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



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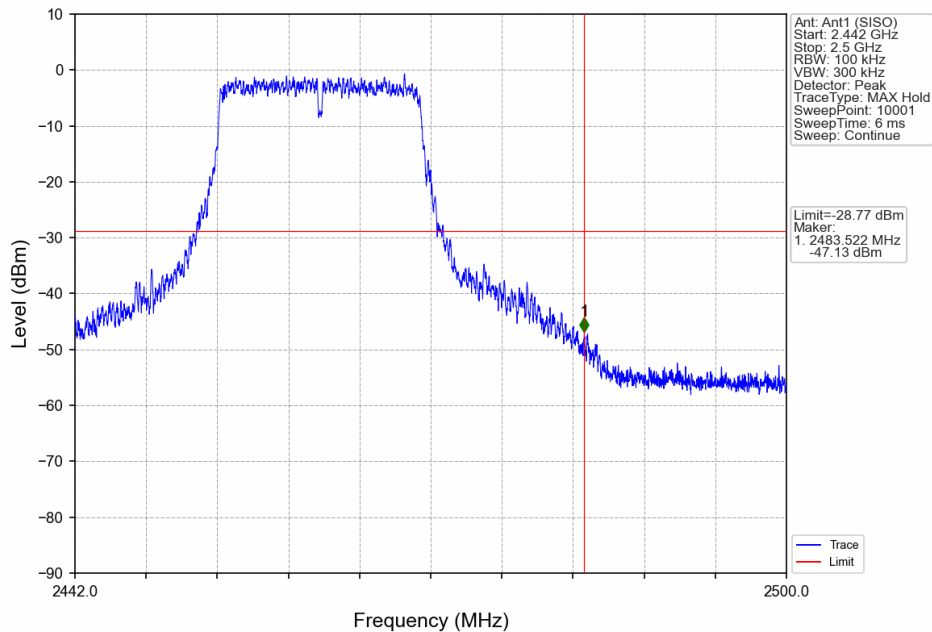
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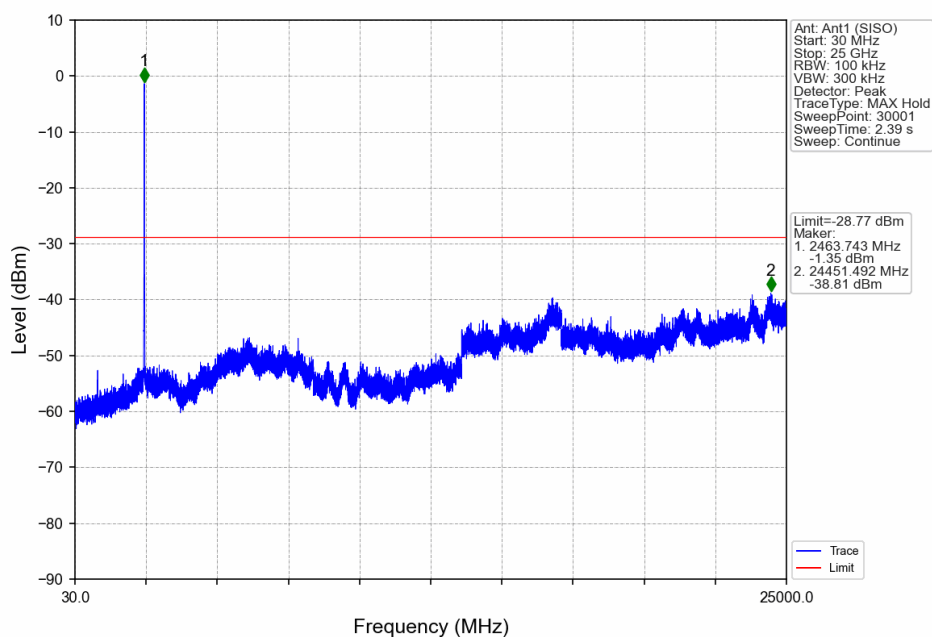
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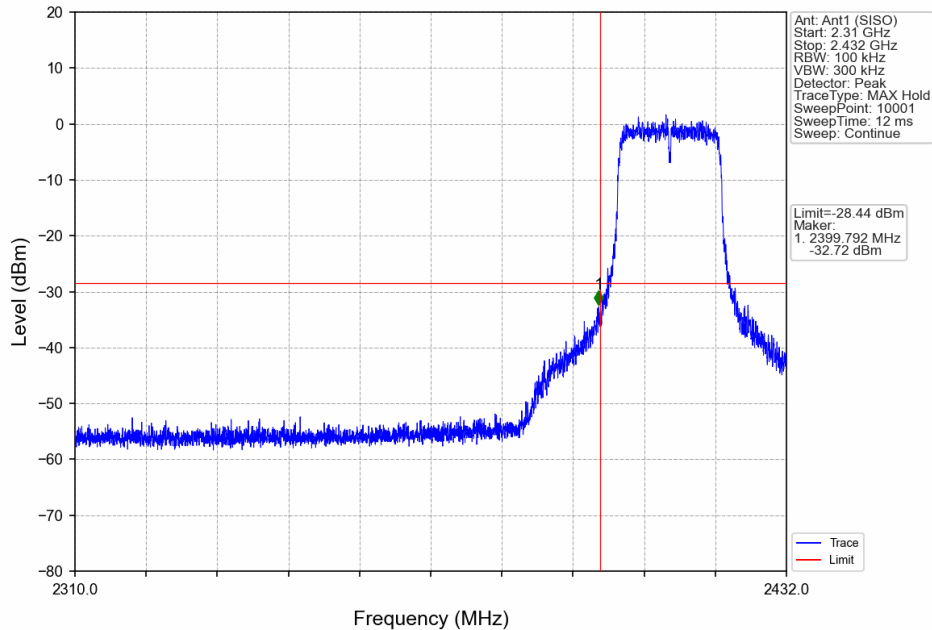
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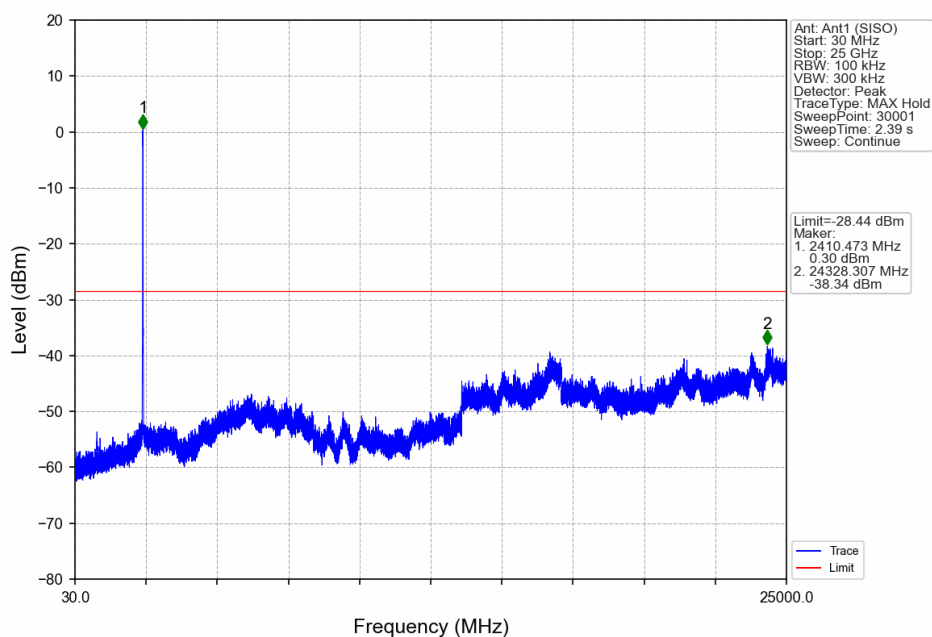
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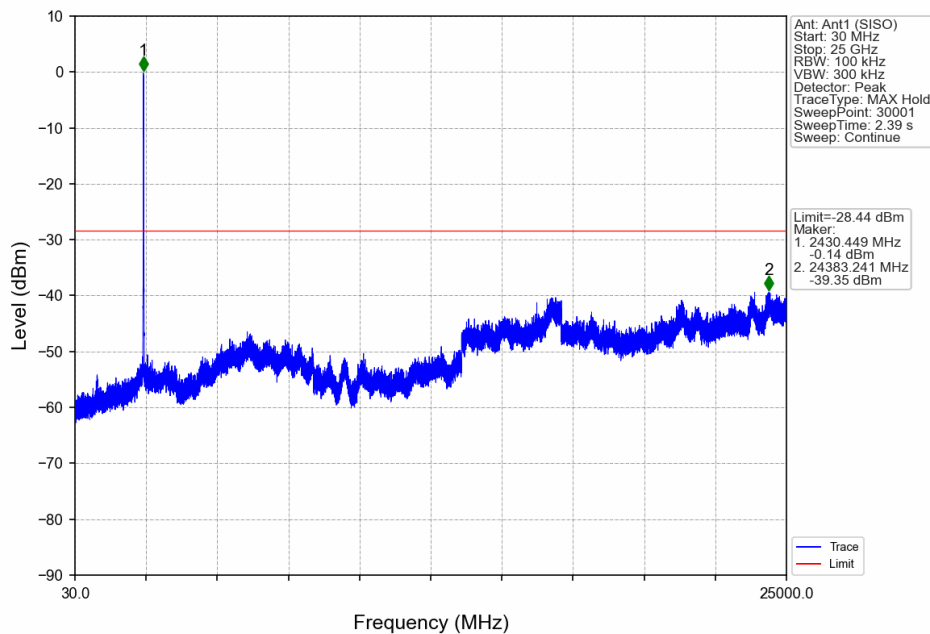
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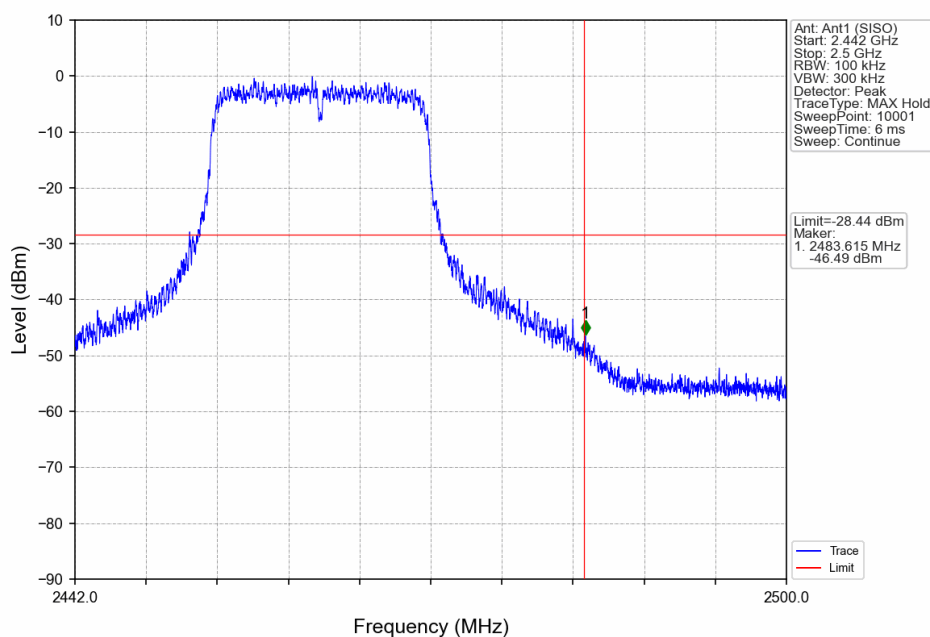
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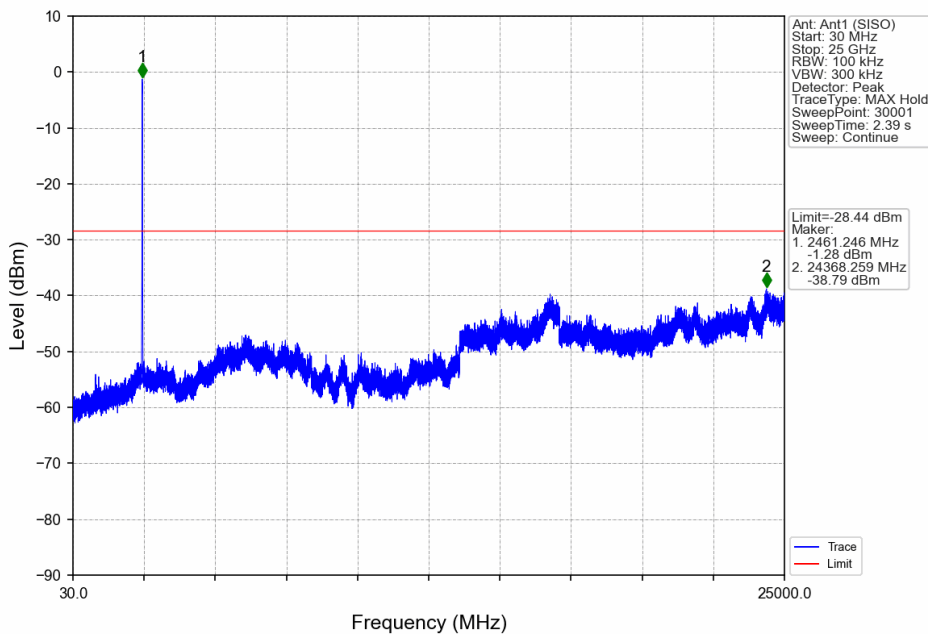
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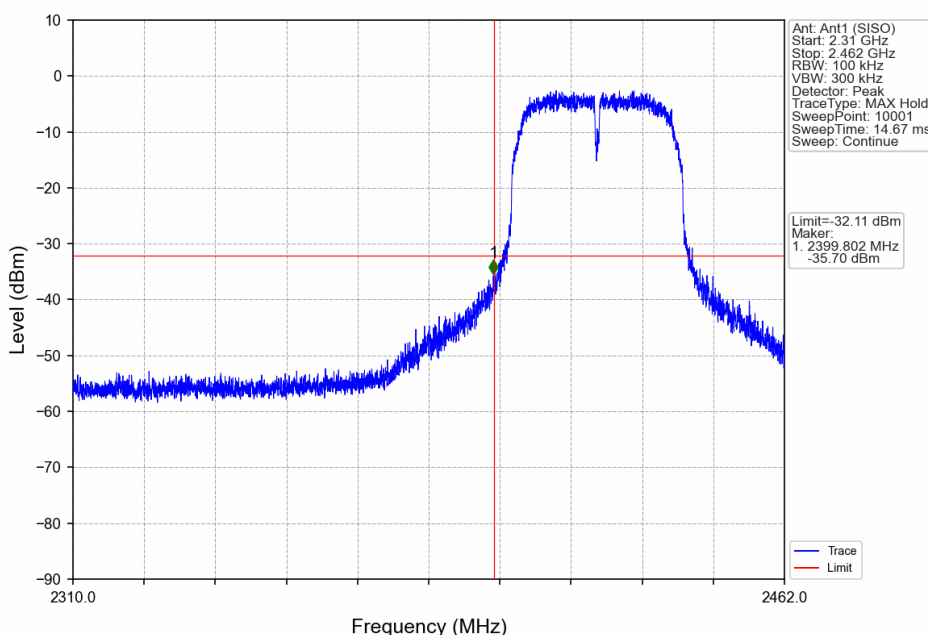
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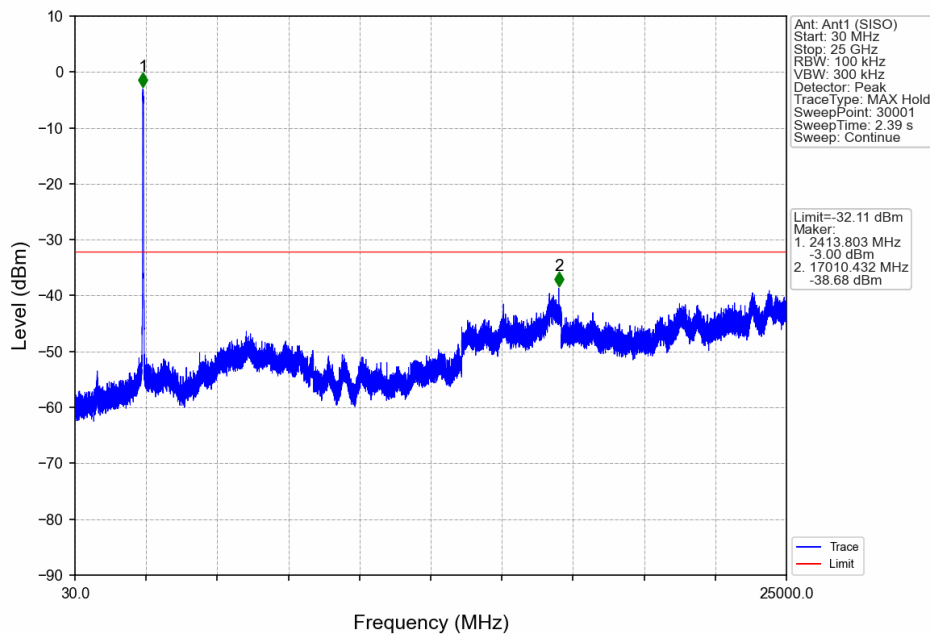
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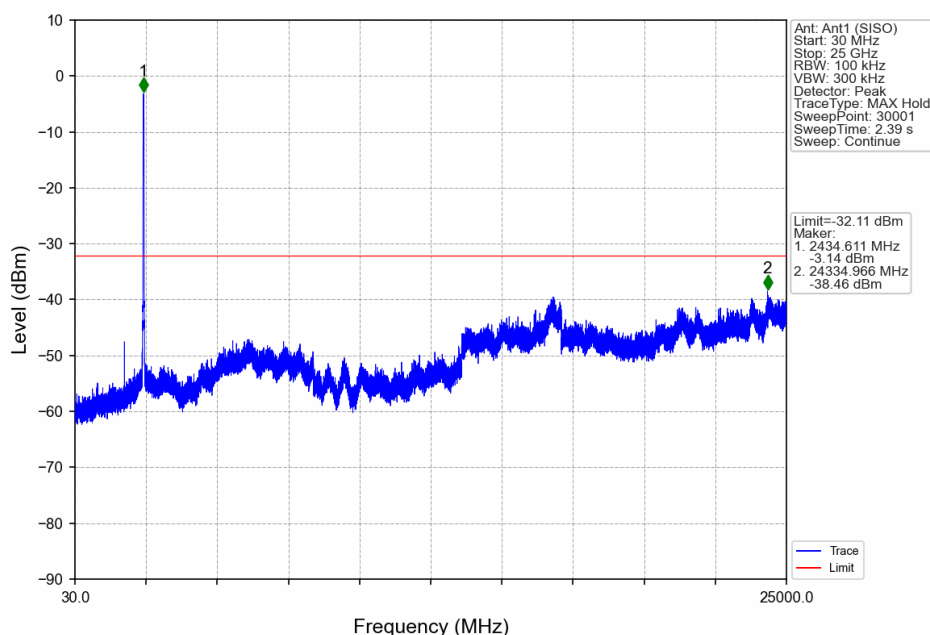
Report No.: FYCR220600023304

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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



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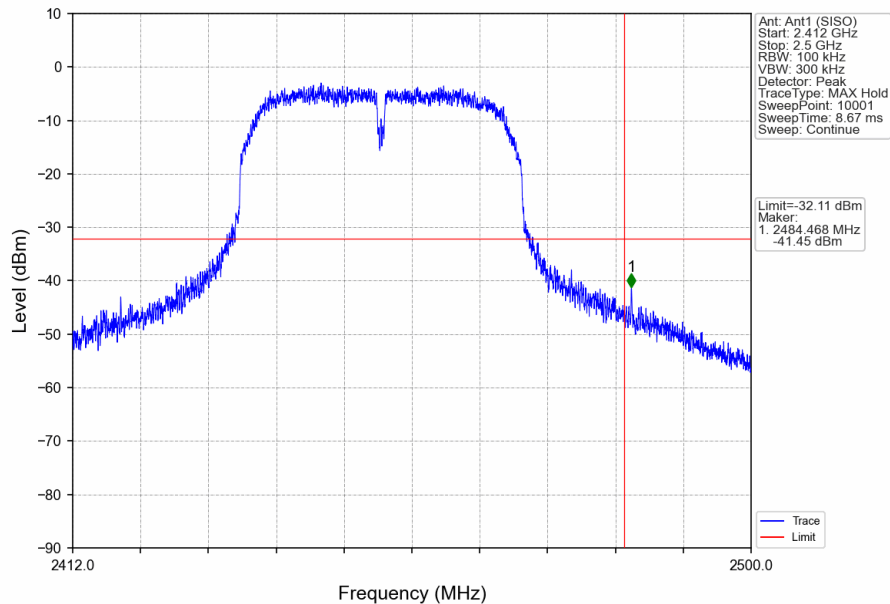
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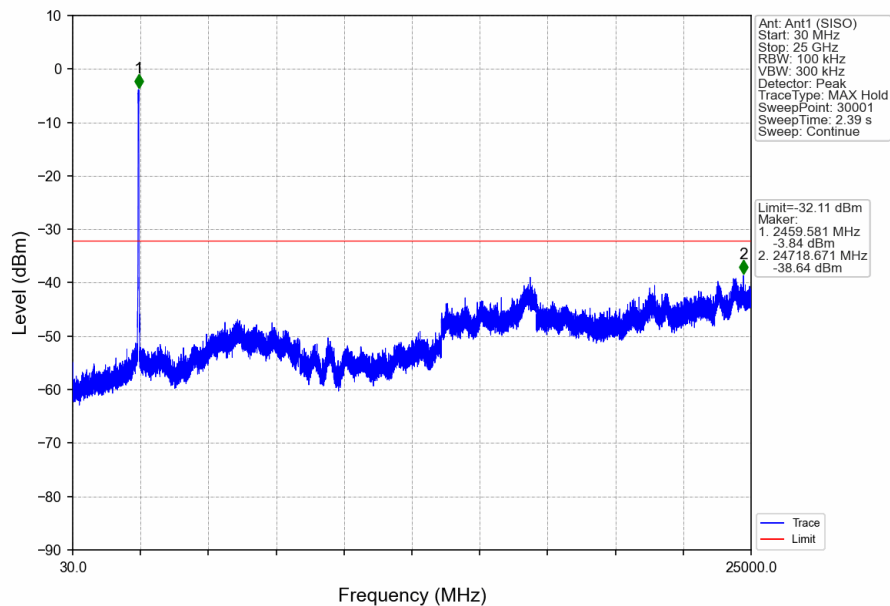
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



- End of the Report -



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