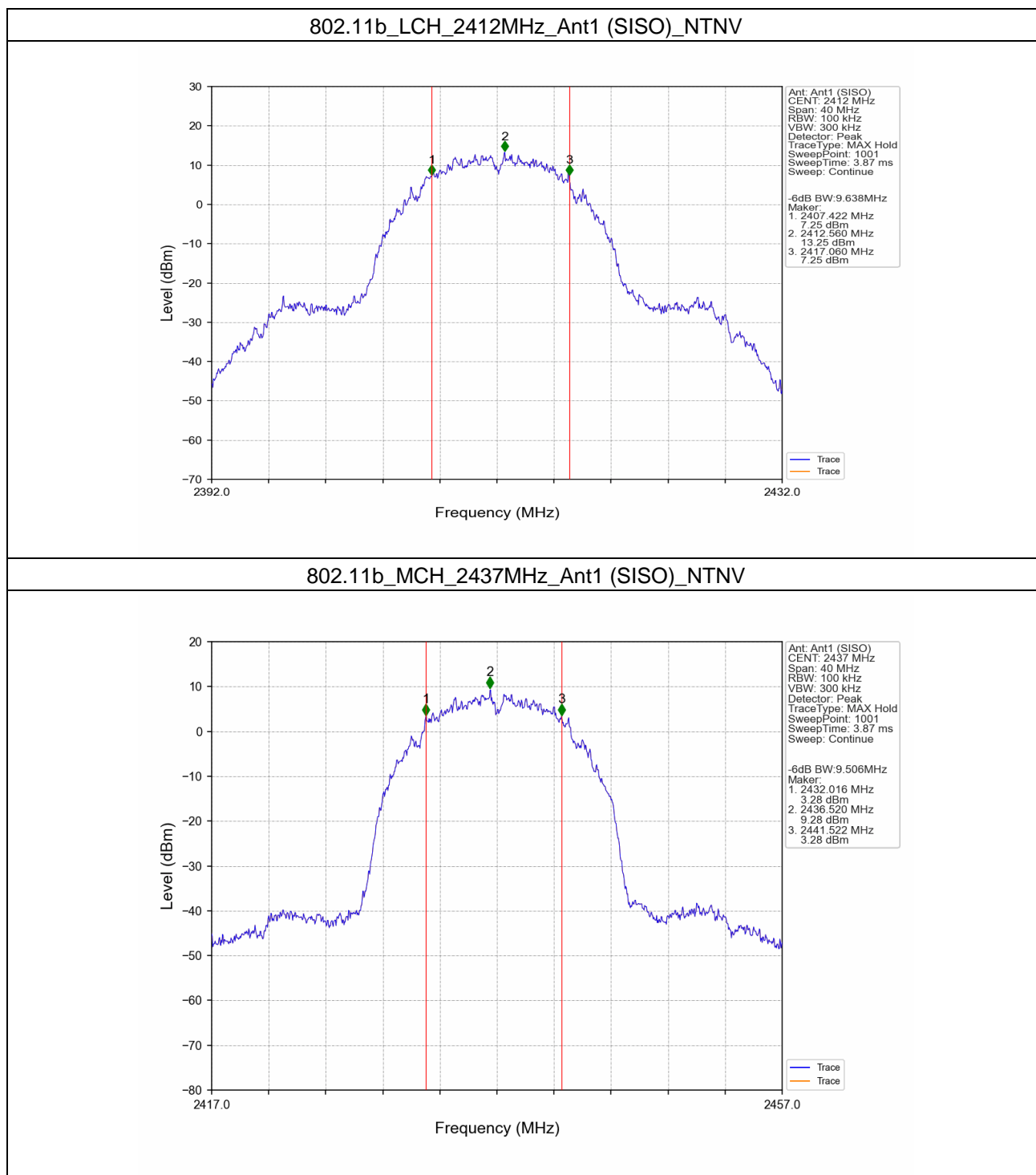


2.2.2 6dB BW



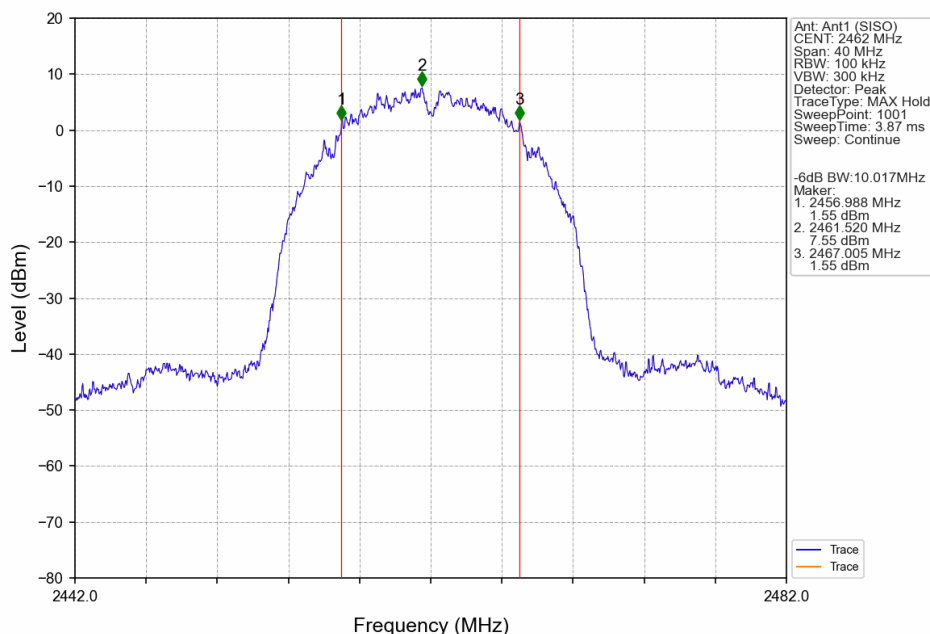
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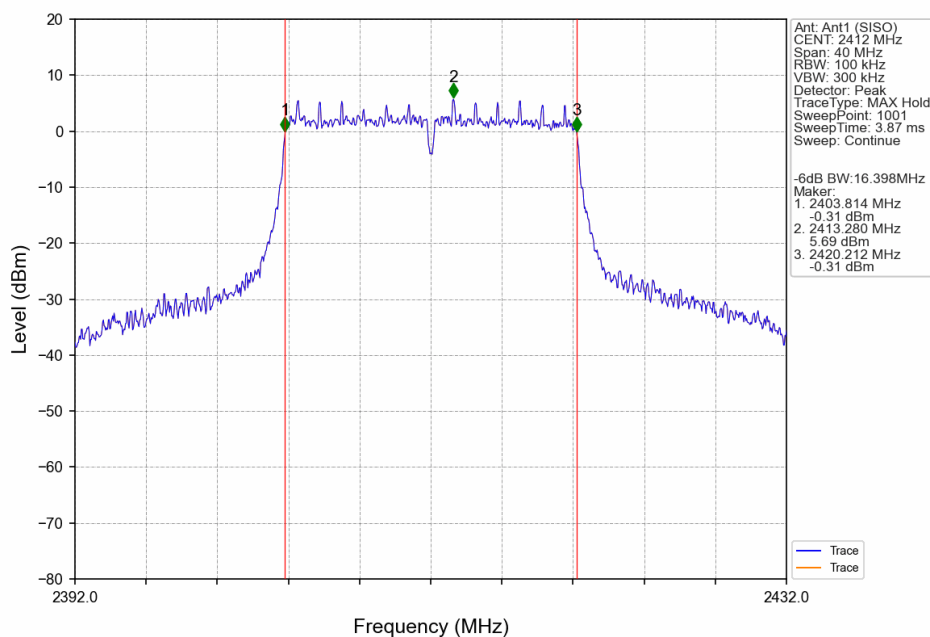
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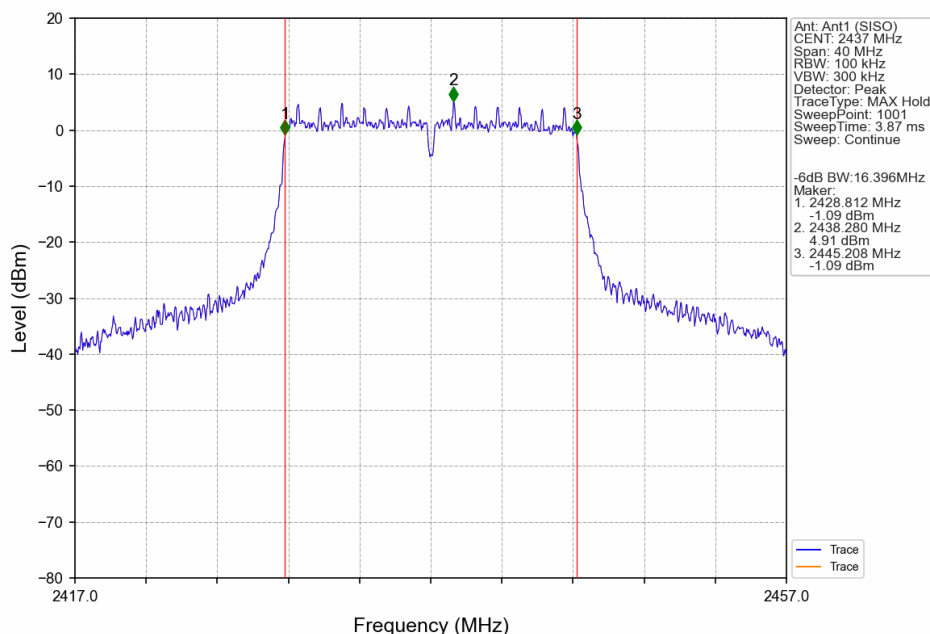
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



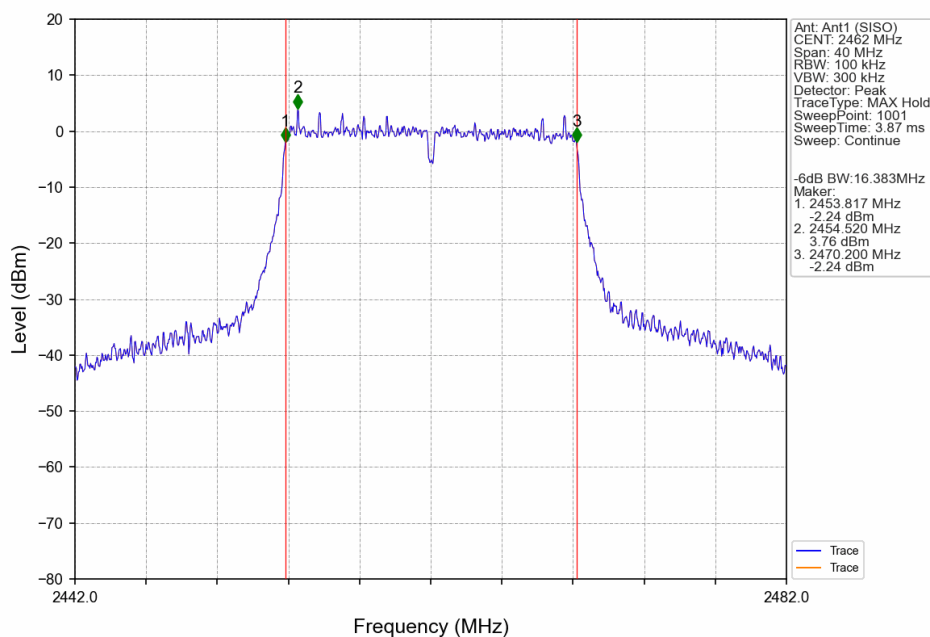
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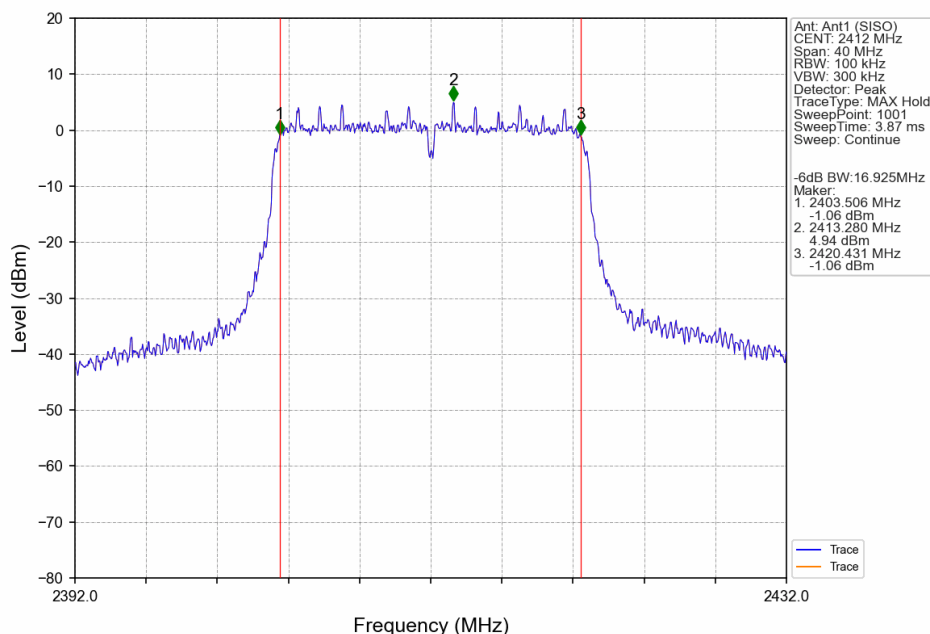
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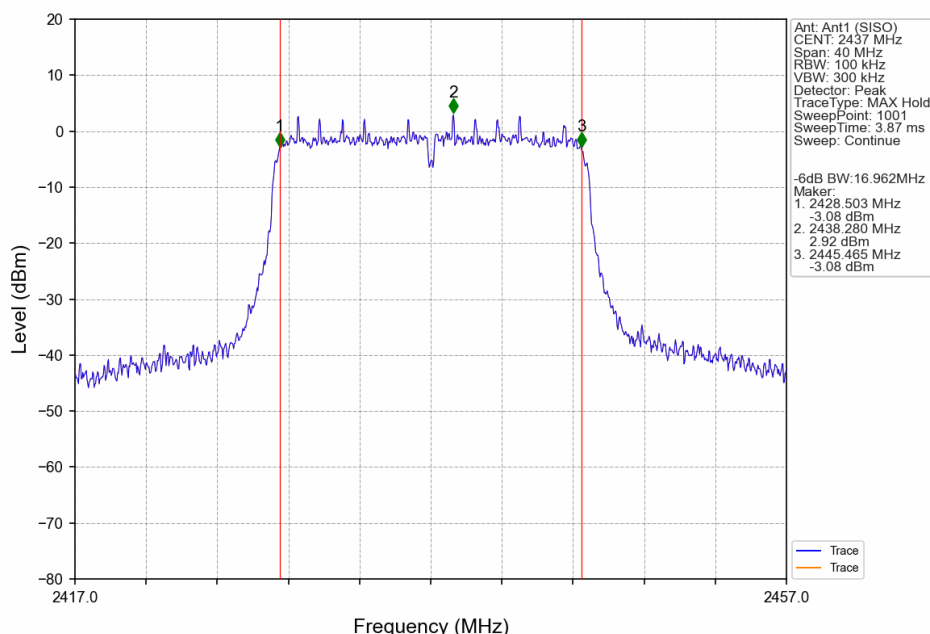
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



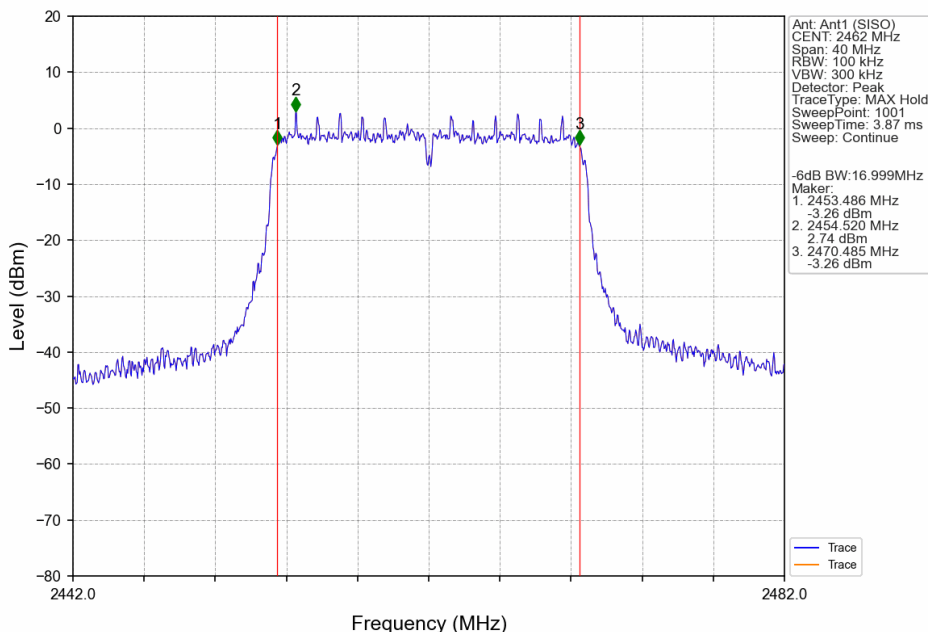
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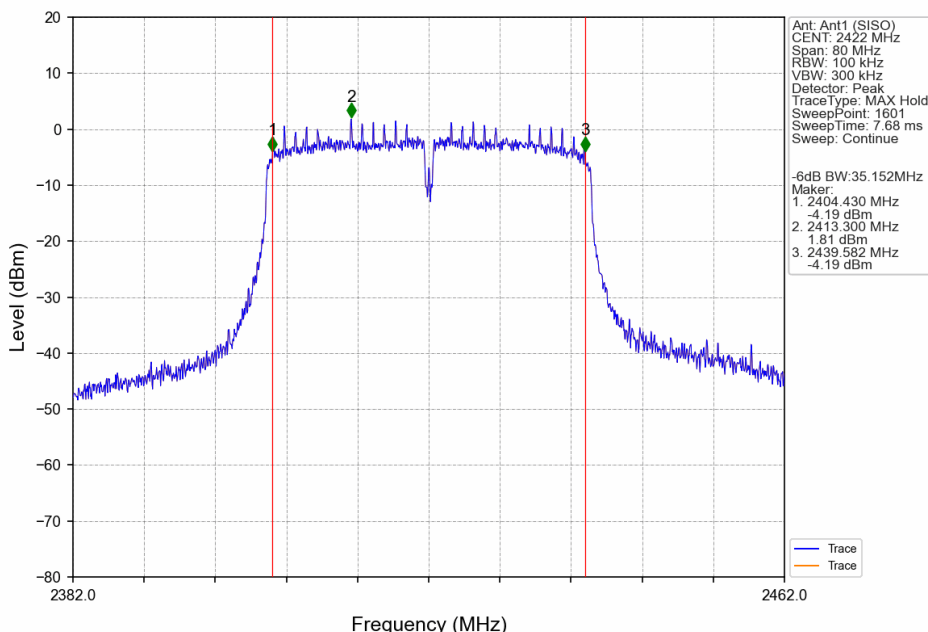
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



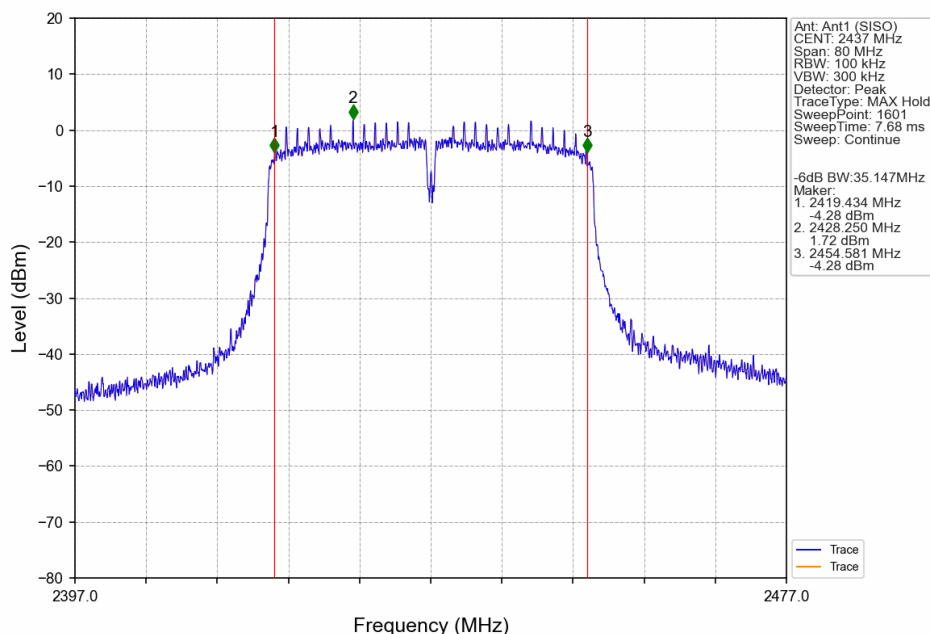
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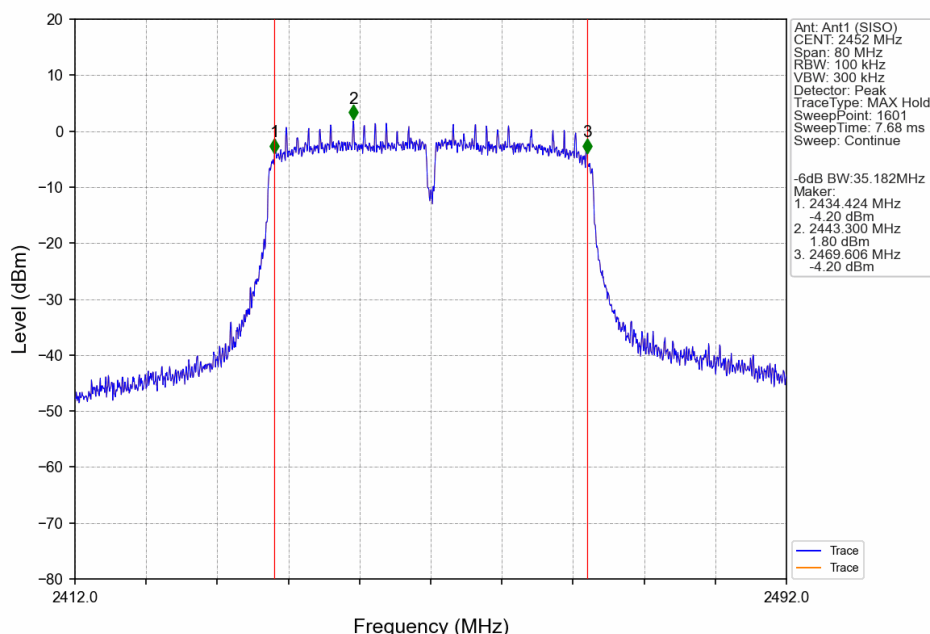
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_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
			ANT1	Limit	
802.11b	SISO	2412	17.32	<=30	Pass
		2437	16.52	<=30	Pass
		2462	15.33	<=30	Pass
802.11g	SISO	2412	16.59	<=30	Pass
		2437	15.88	<=30	Pass
		2462	14.66	<=30	Pass
802.11n (HT20)	SISO	2412	15.71	<=30	Pass
		2437	15.79	<=30	Pass
		2462	15.75	<=30	Pass
802.11n (HT40)	SISO	2422	15.24	<=30	Pass
		2437	15.33	<=30	Pass
		2452	15.29	<=30	Pass



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4. Maximum Power Spectral Density

4.1 Test Result

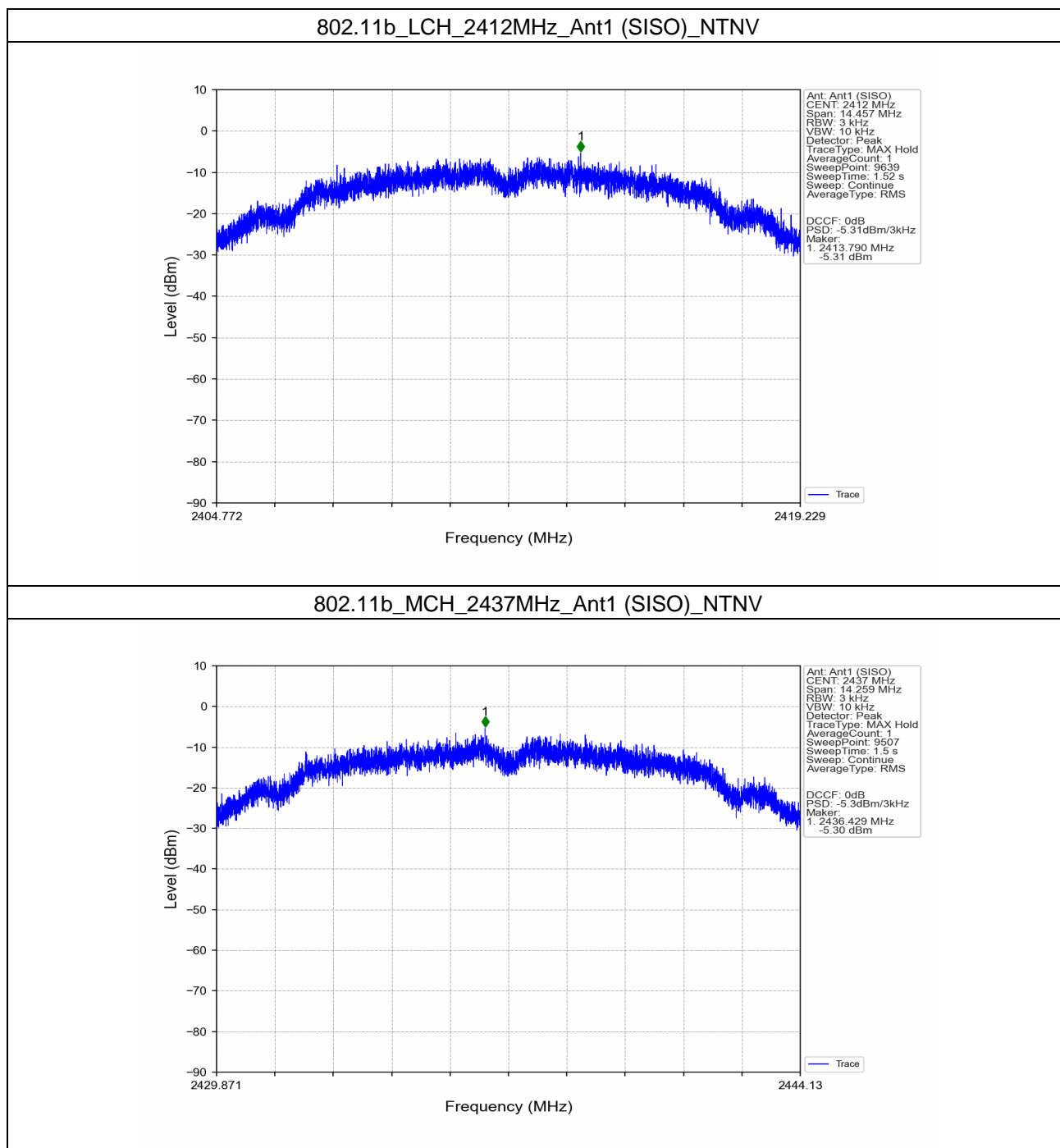
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-5.31	<=8	Pass
		2437	-5.30	<=8	Pass
		2462	-6.92	<=8	Pass
802.11g	SISO	2412	-8.31	<=8	Pass
		2437	-9.10	<=8	Pass
		2462	-10.58	<=8	Pass
802.11n (HT20)	SISO	2412	-9.24	<=8	Pass
		2437	-8.82	<=8	Pass
		2462	-8.78	<=8	Pass
802.11n (HT40)	SISO	2422	-11.87	<=8	Pass
		2437	-11.48	<=8	Pass
		2452	-11.53	<=8	Pass



4.2 Test Graph

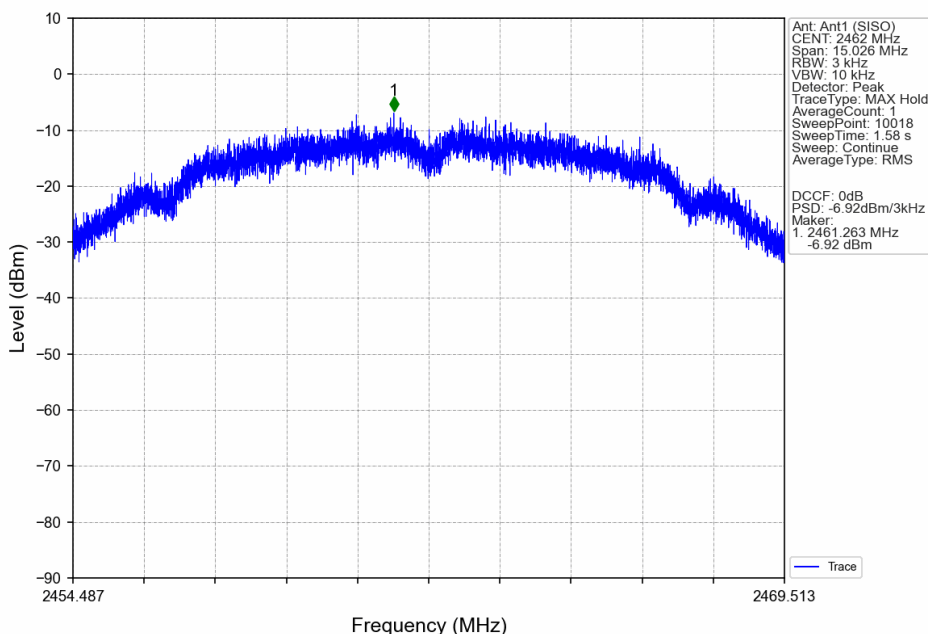
4.2.1 PSD



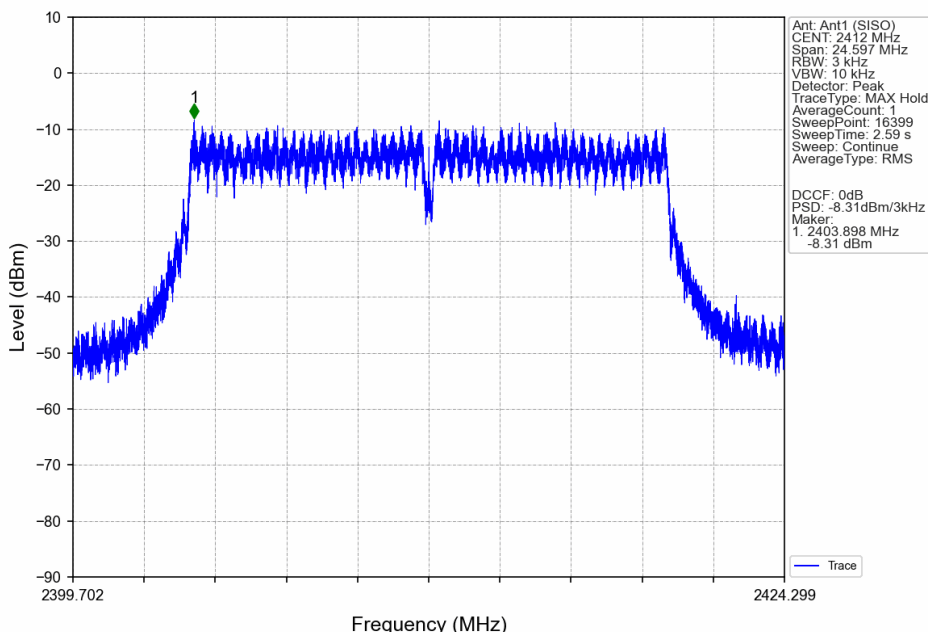
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



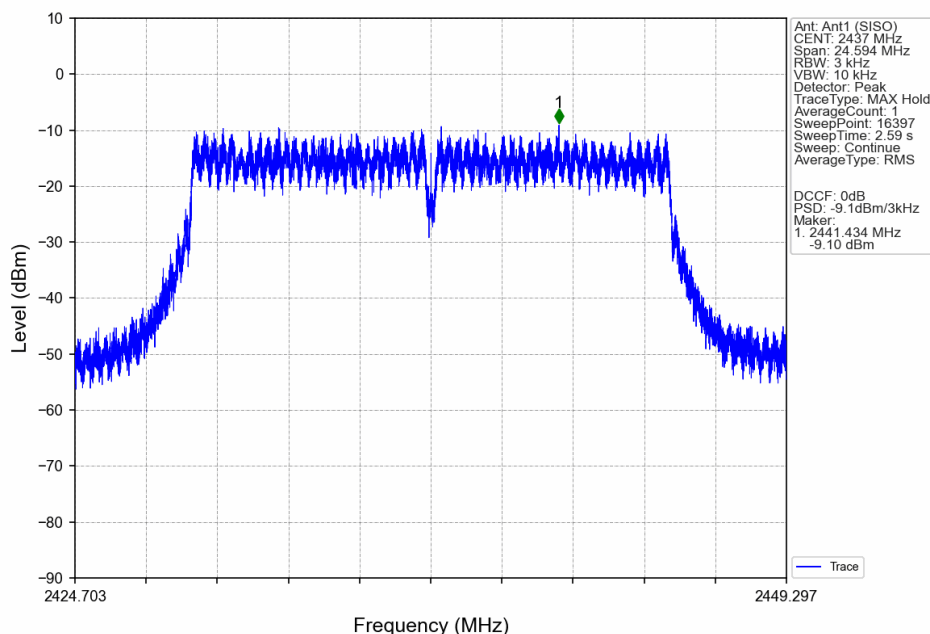
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



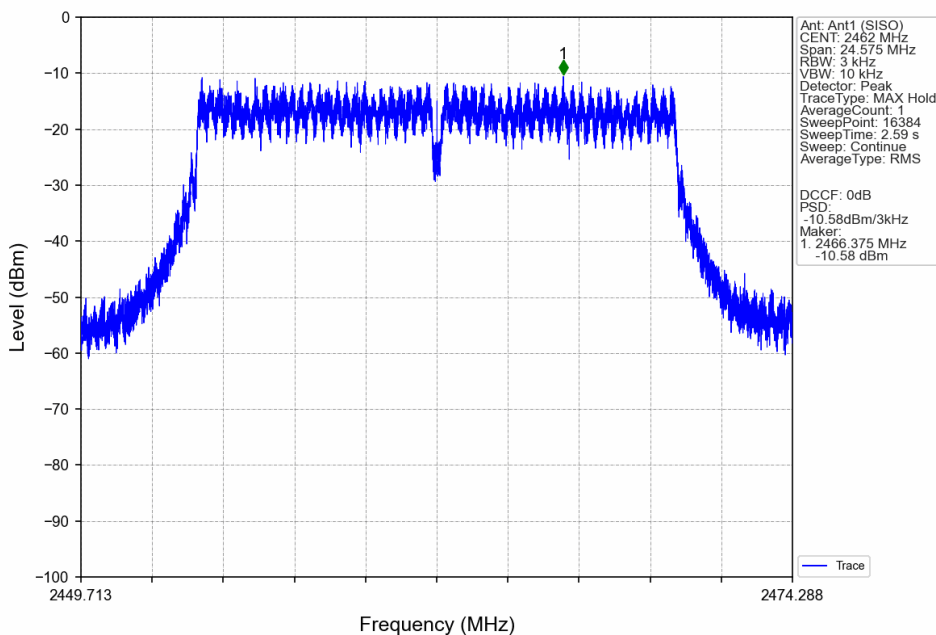
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



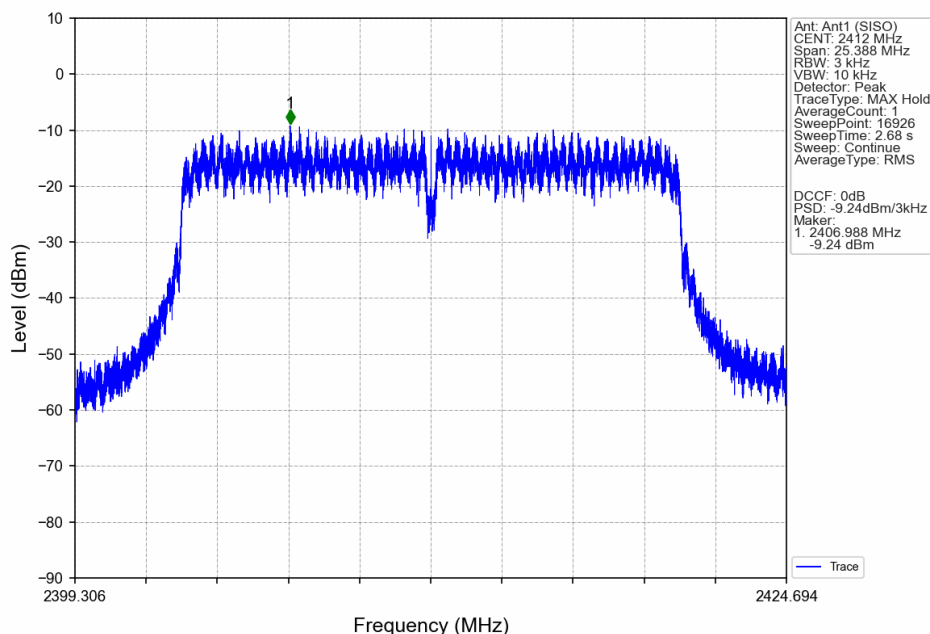
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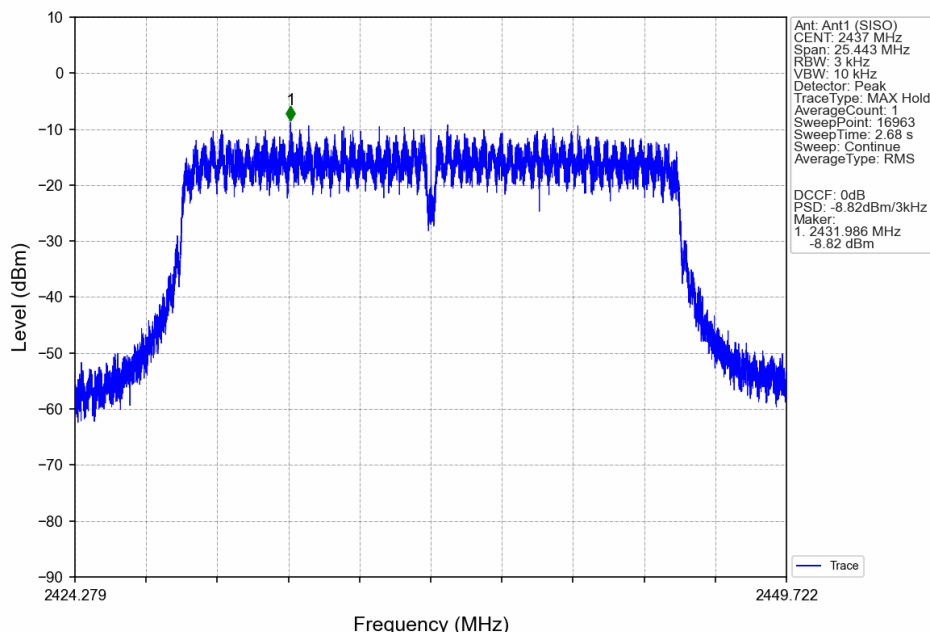
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



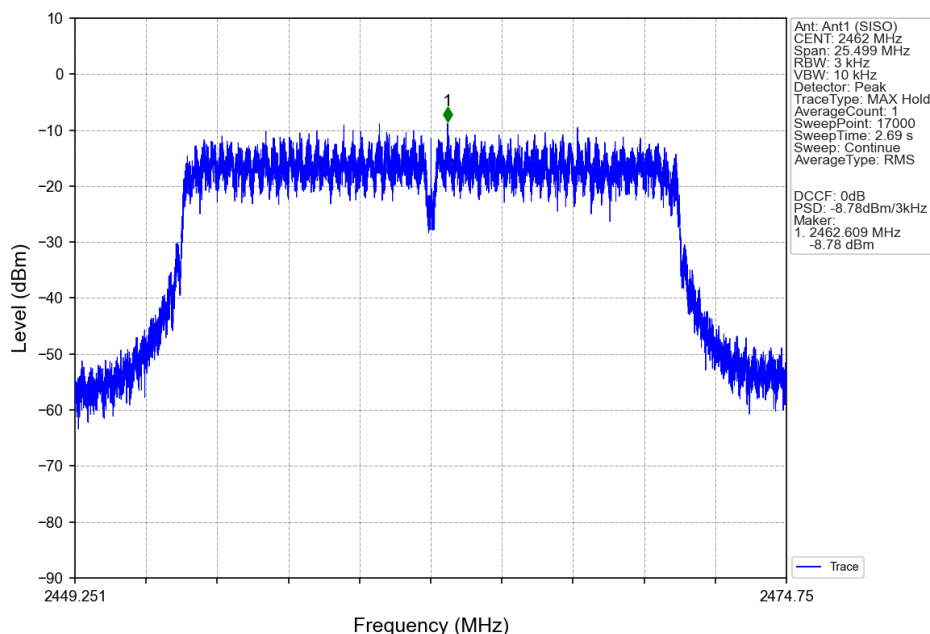
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



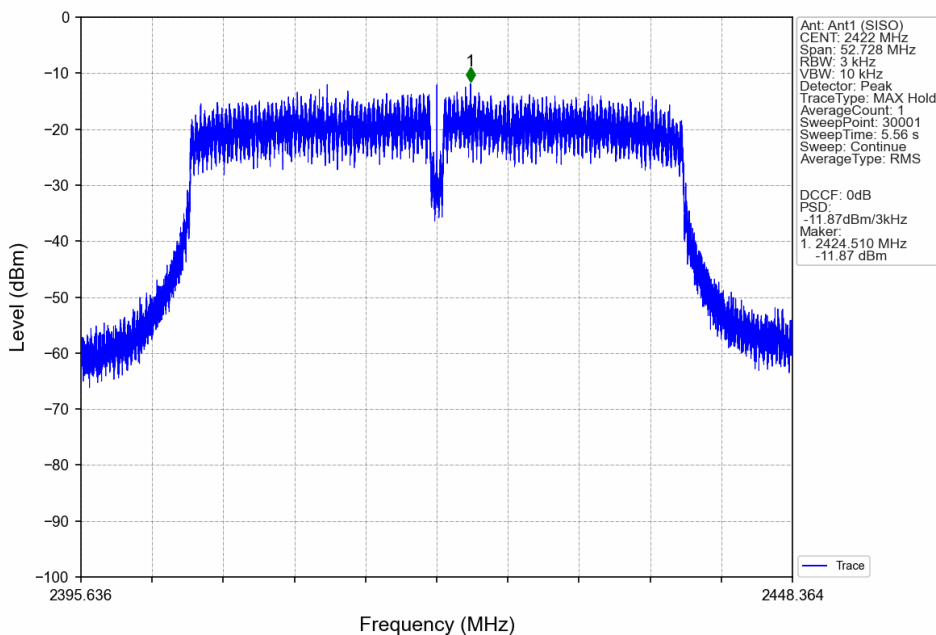
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



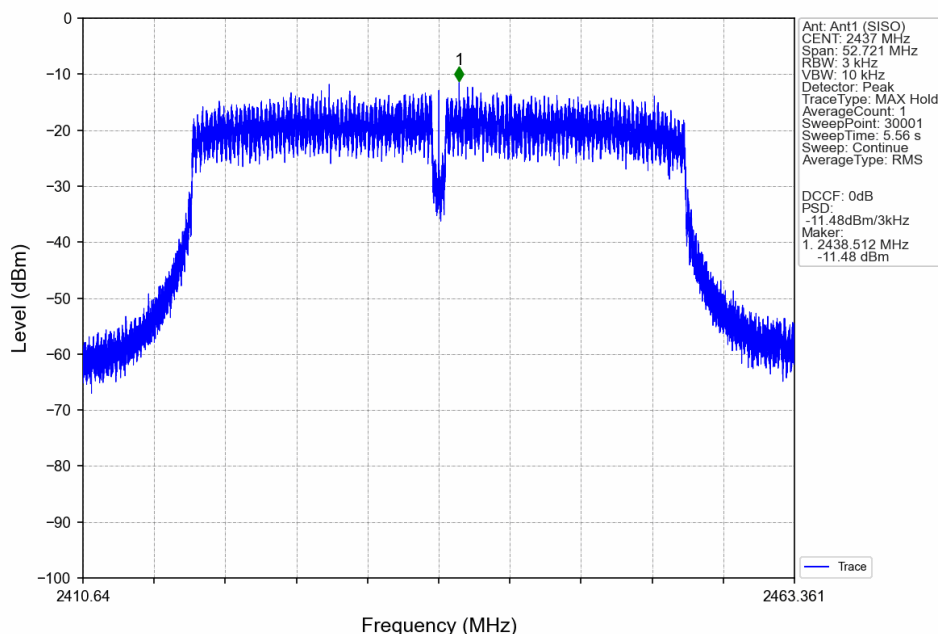
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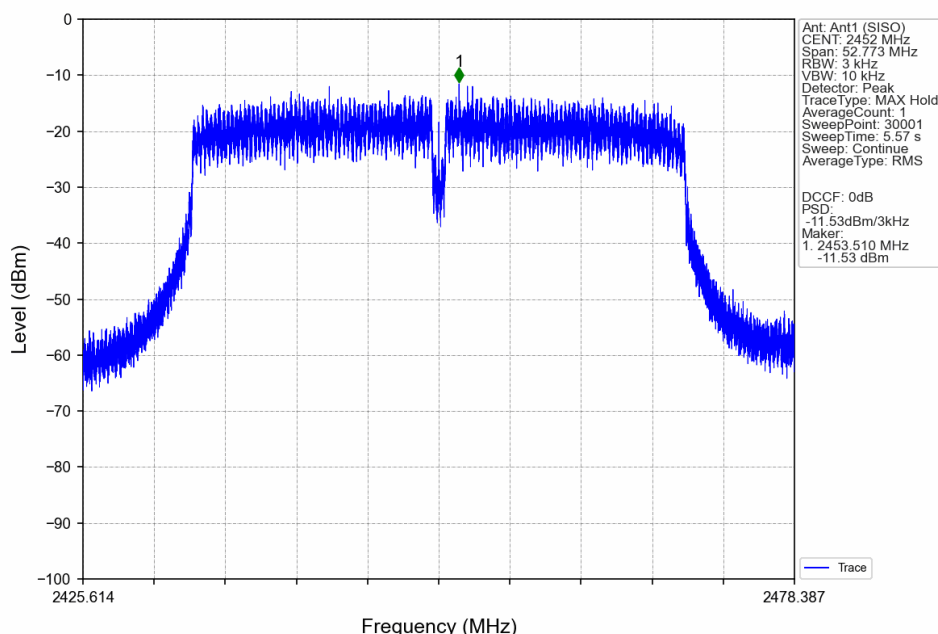
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	9.92
		2437	1	8.79
		2462	1	7.59
802.11g	SISO	2412	1	5.58
		2437	1	4.65
		2462	1	3.77
802.11n (HT20)	SISO	2412	1	5.23
		2437	1	4.82
		2462	1	4.83
802.11n (HT40)	SISO	2422	1	1.74
		2437	1	2.02
		2452	1	1.54

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250200044403

Page: 118 of 135

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.92	-20.08	Pass
		2437	1	9.92	-20.08	Pass
		2462	1	9.92	-20.08	Pass
802.11g	SISO	2412	1	5.58	-24.42	Pass
		2437	1	5.58	-24.42	Pass
		2462	1	5.58	-24.42	Pass
802.11n (HT20)	SISO	2412	1	5.23	-24.77	Pass
		2437	1	5.23	-24.77	Pass
		2462	1	5.23	-24.77	Pass
802.11n (HT40)	SISO	2422	1	2.02	-27.98	Pass
		2437	1	2.02	-27.98	Pass
		2452	1	2.02	-27.98	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.



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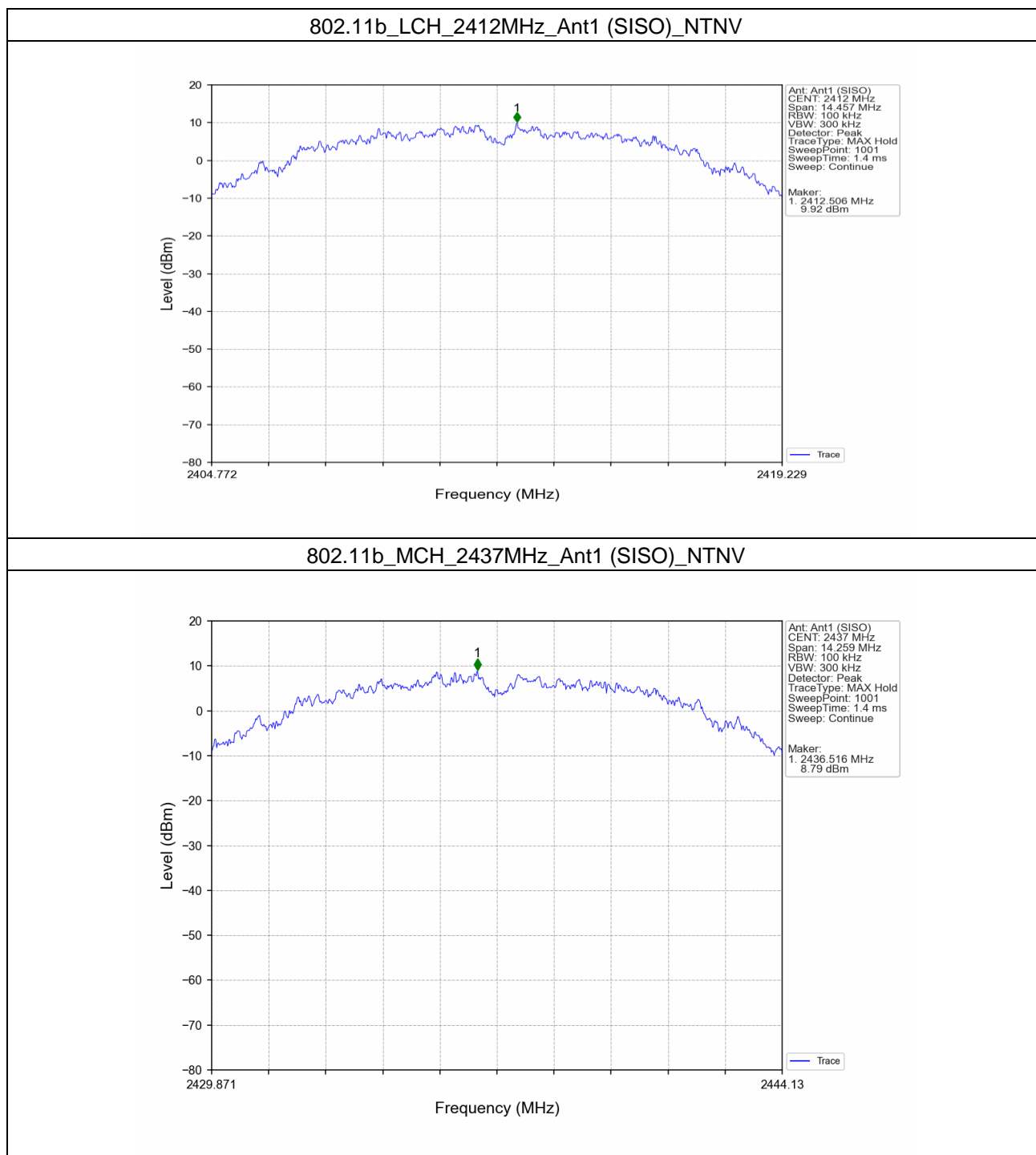
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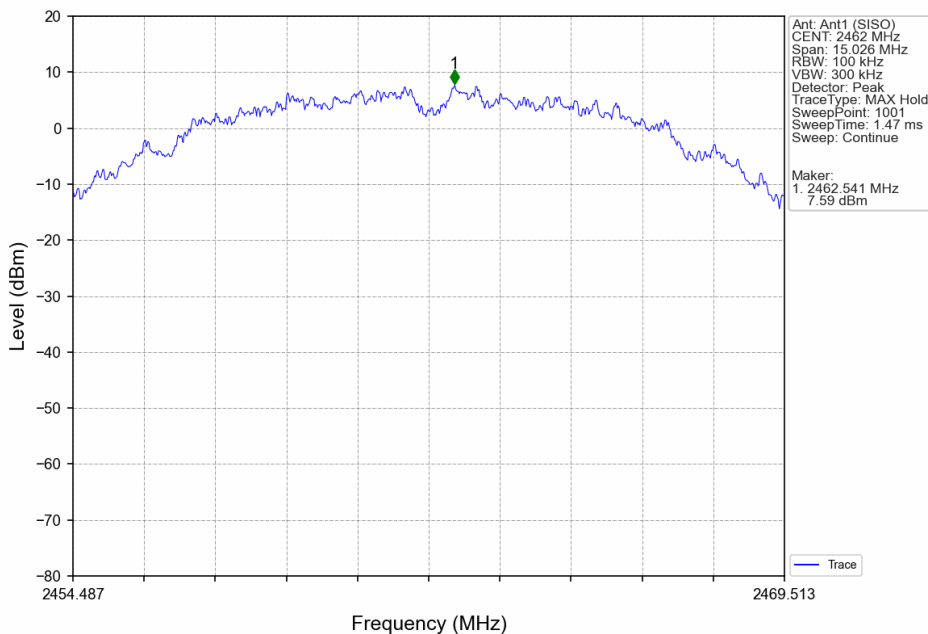
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5.2 Test Graph

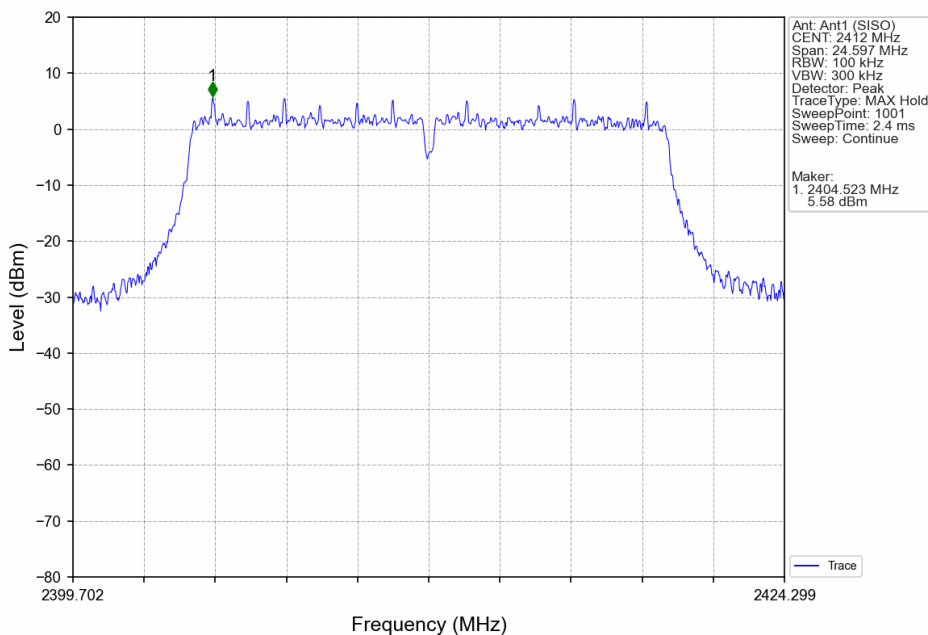
5.2.1 Ref



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



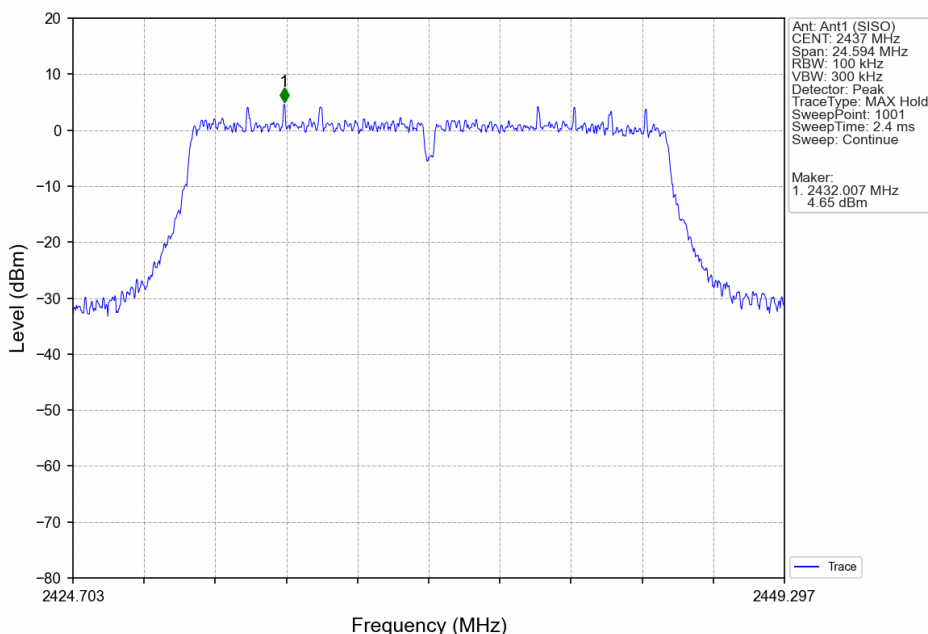
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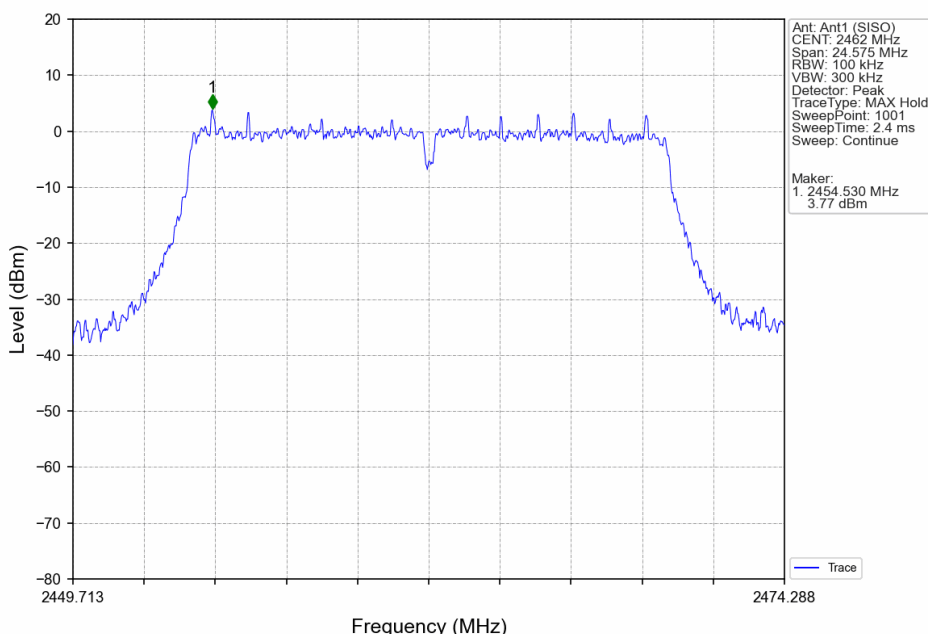
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



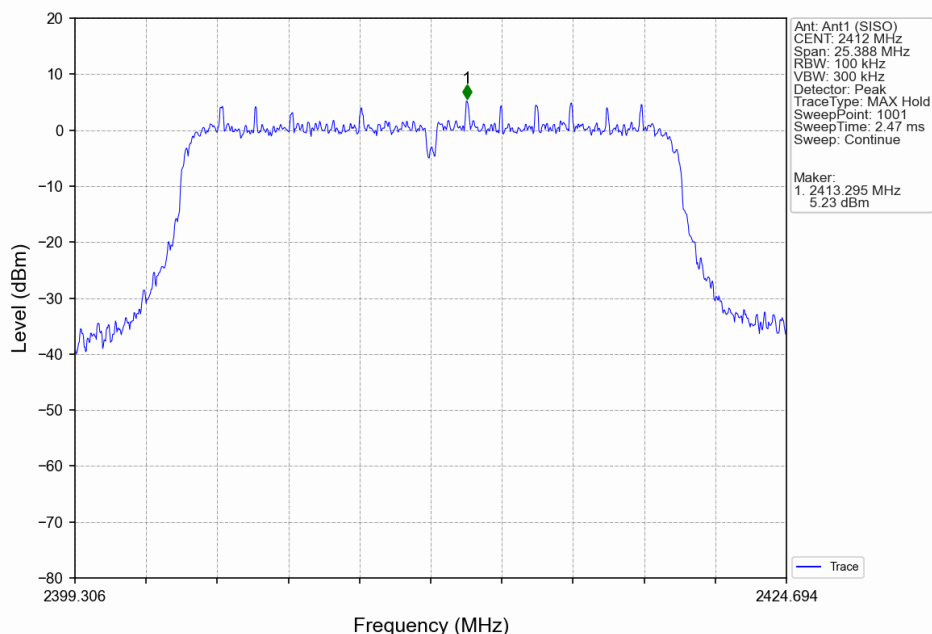
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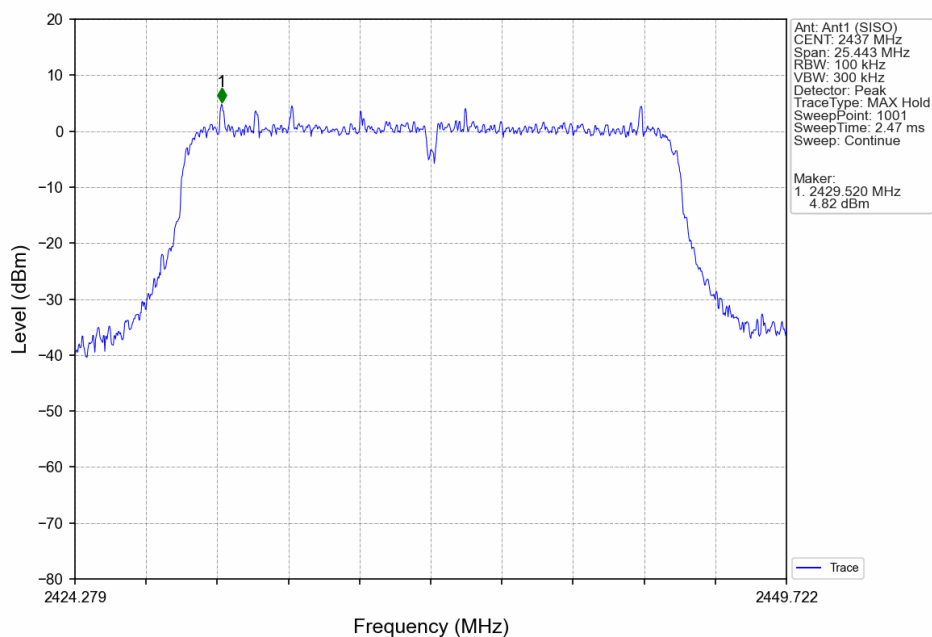
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



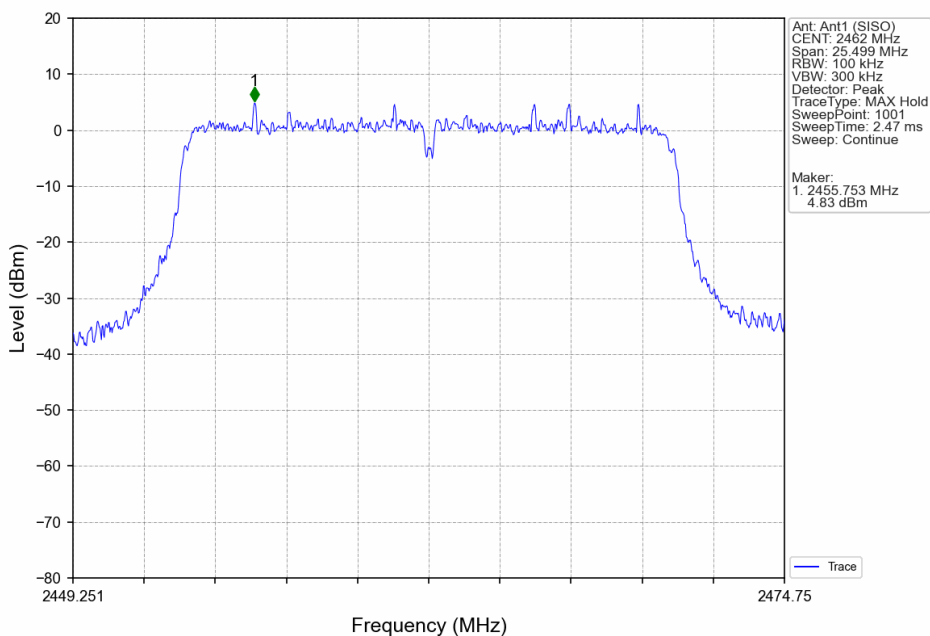
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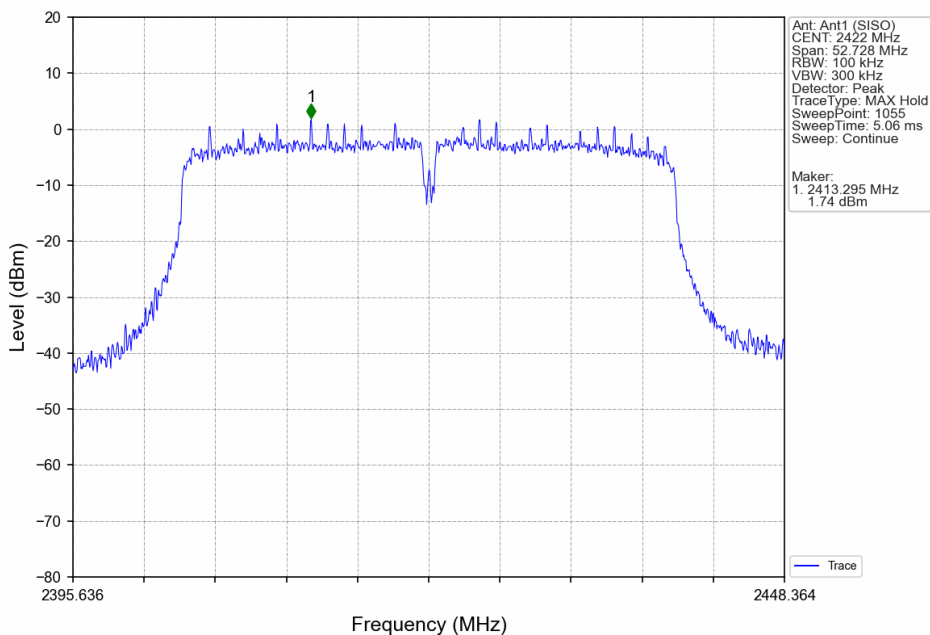
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



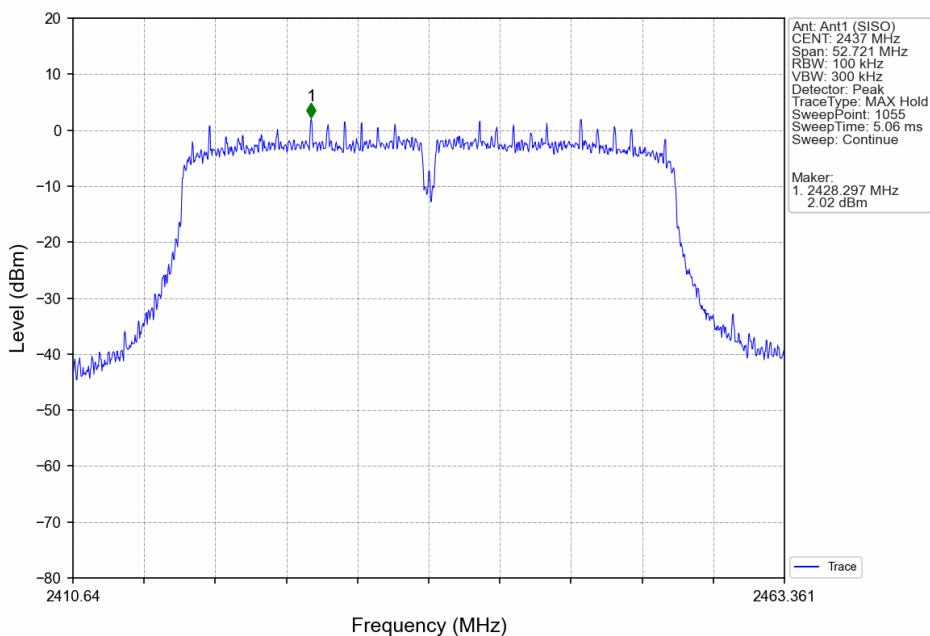
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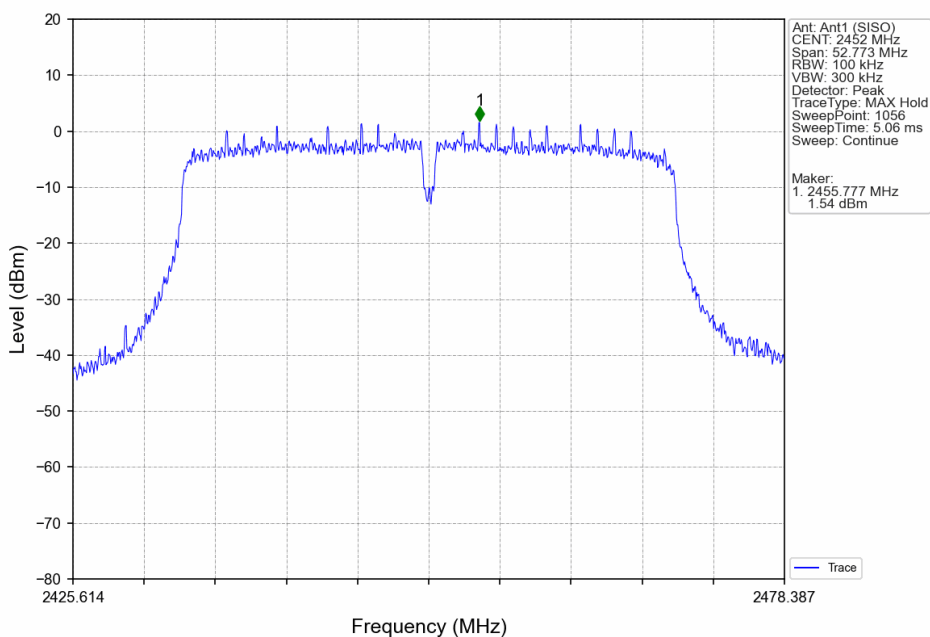
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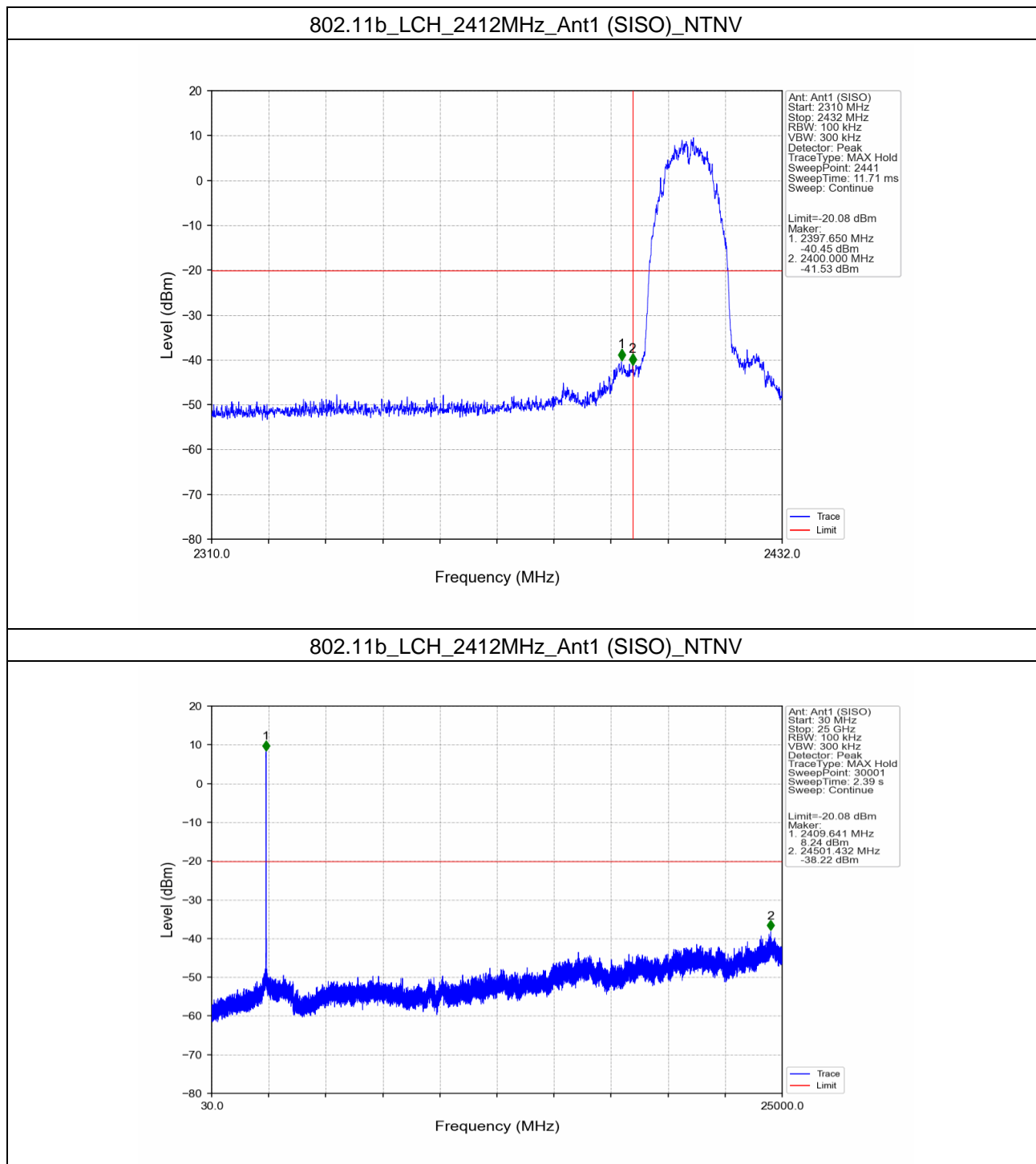
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



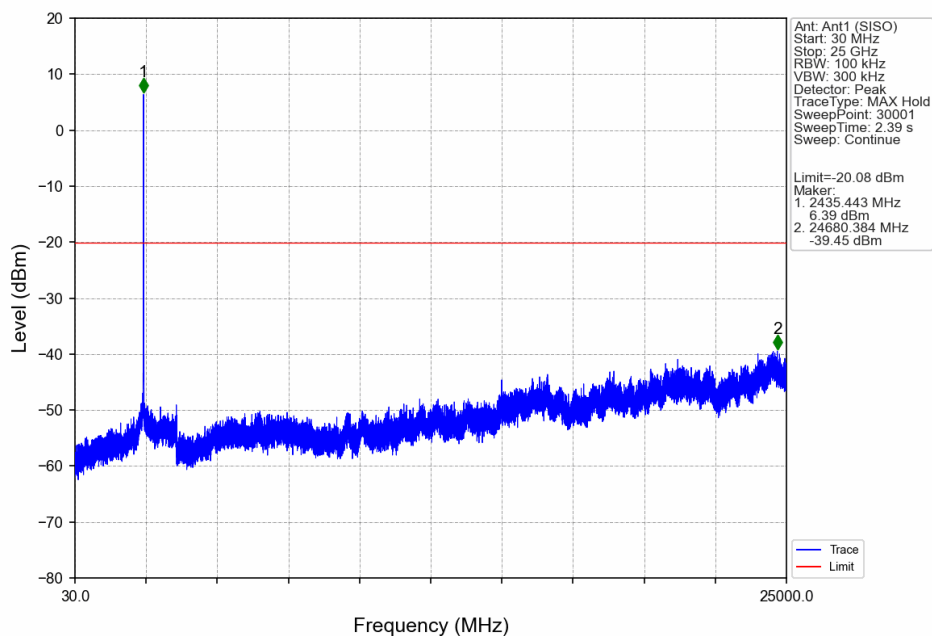
5.2.2 CSE



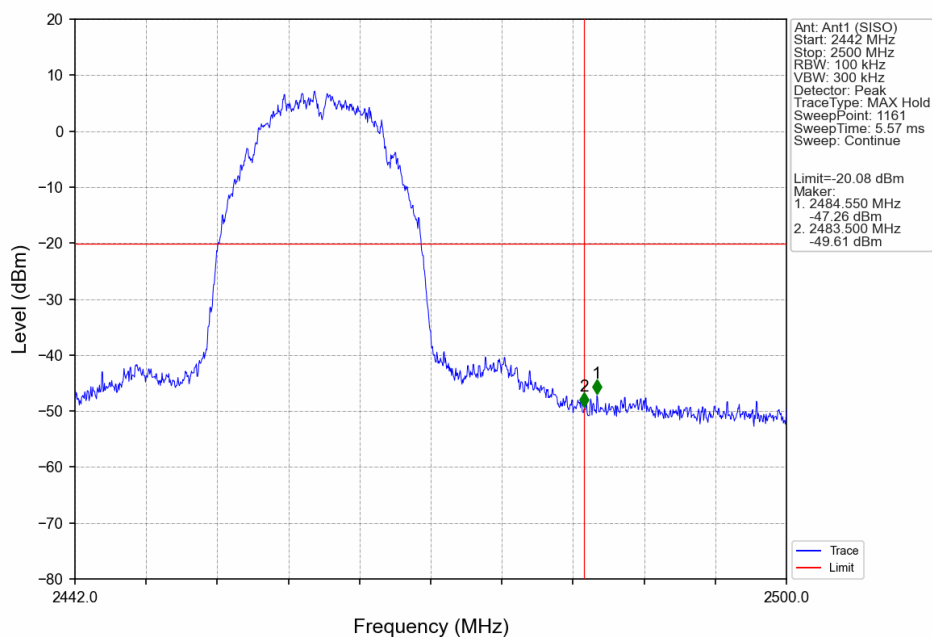
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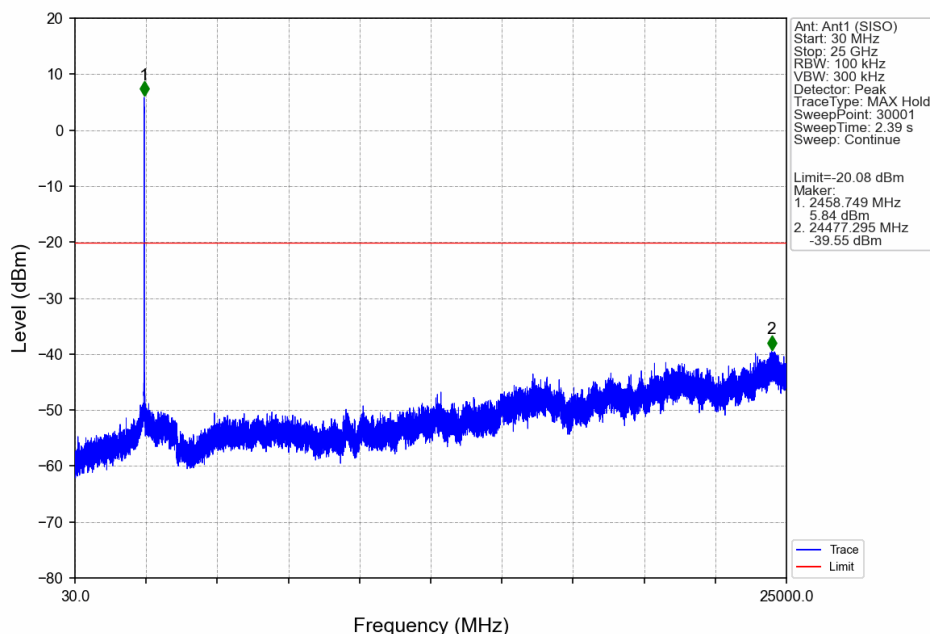
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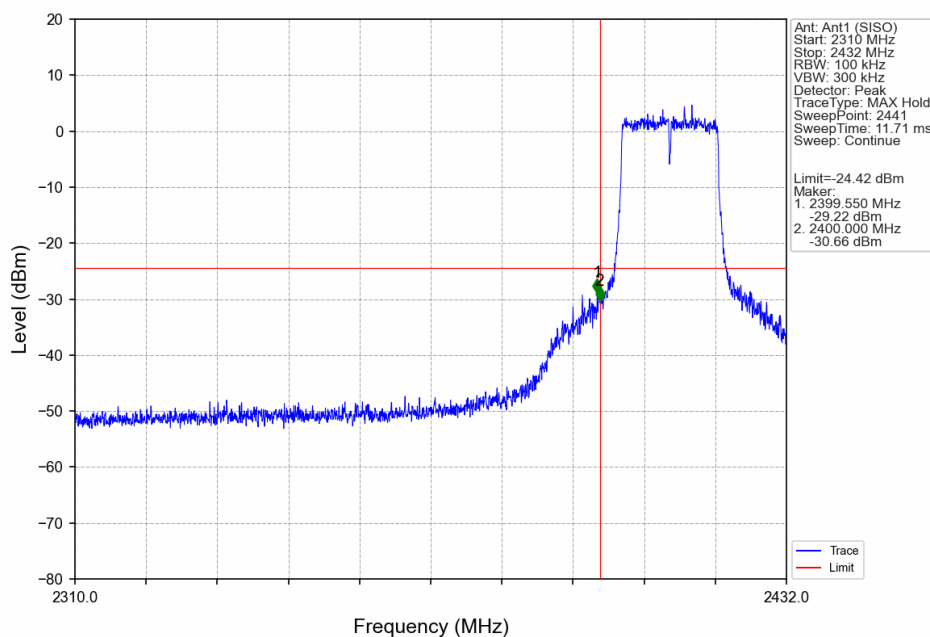
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



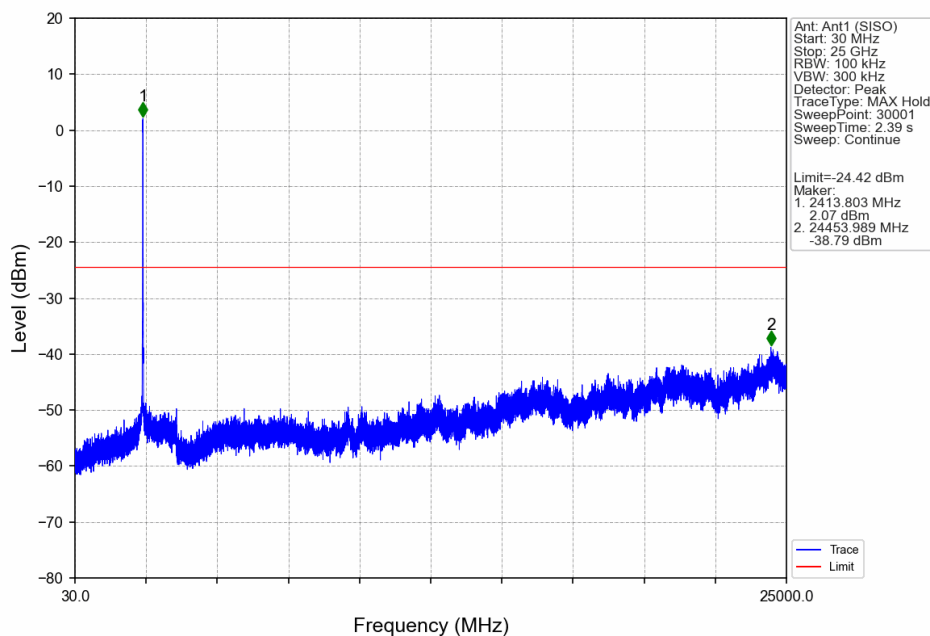
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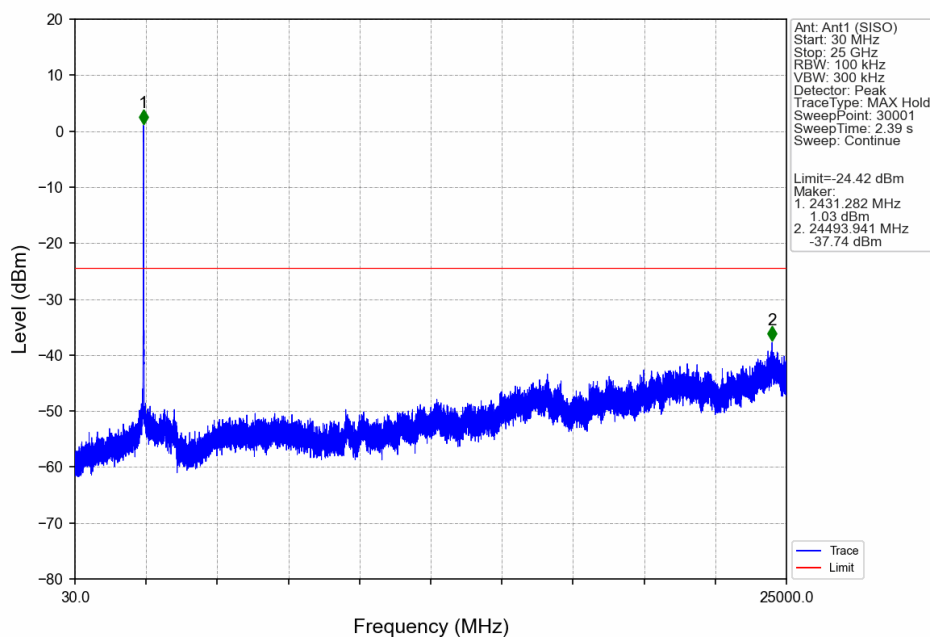
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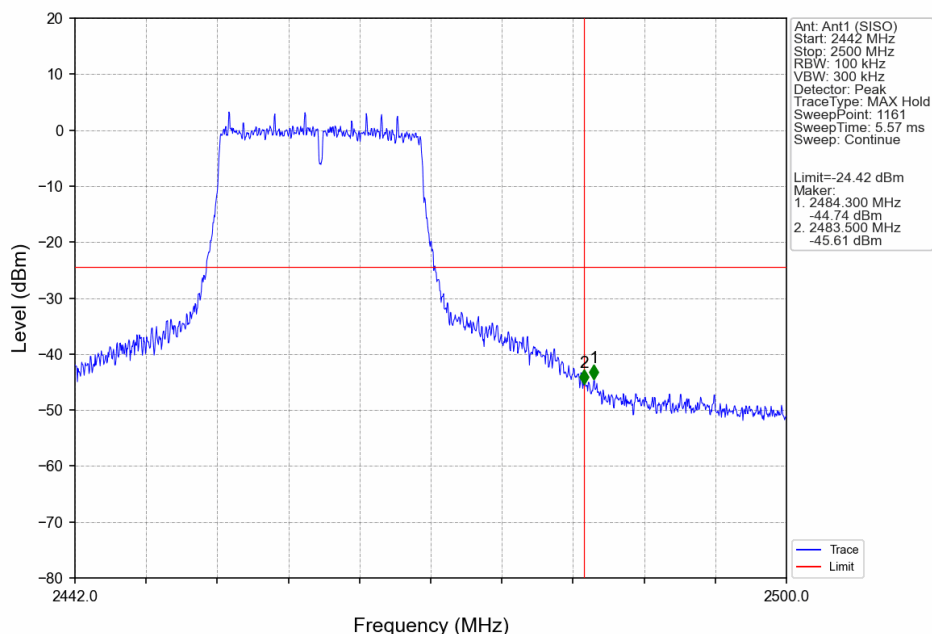
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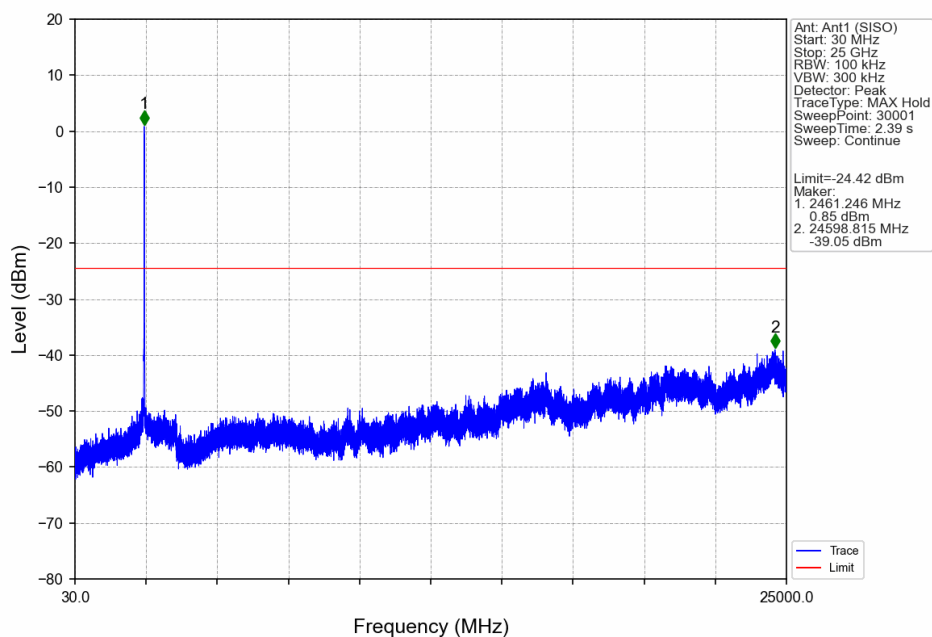
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



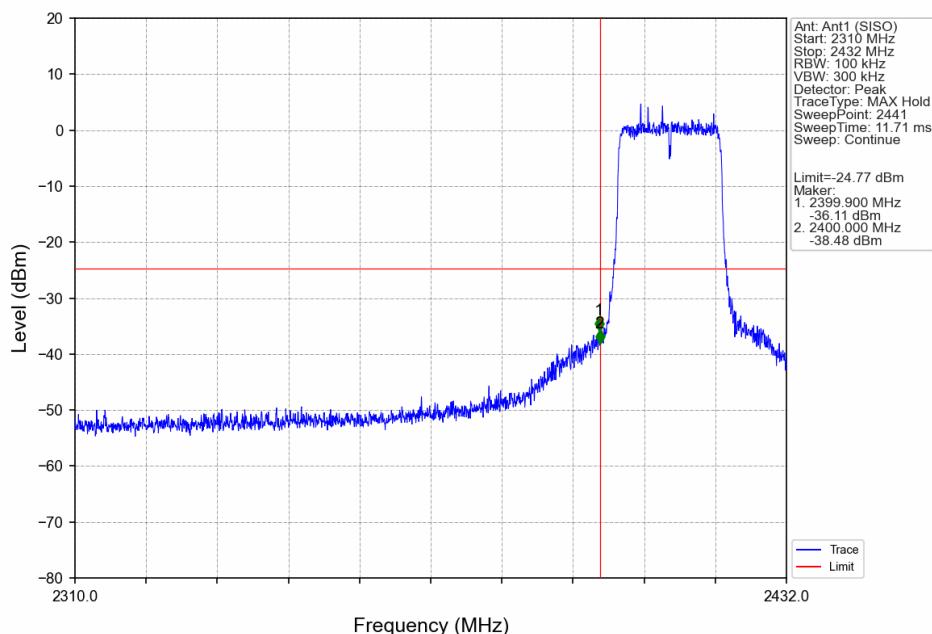
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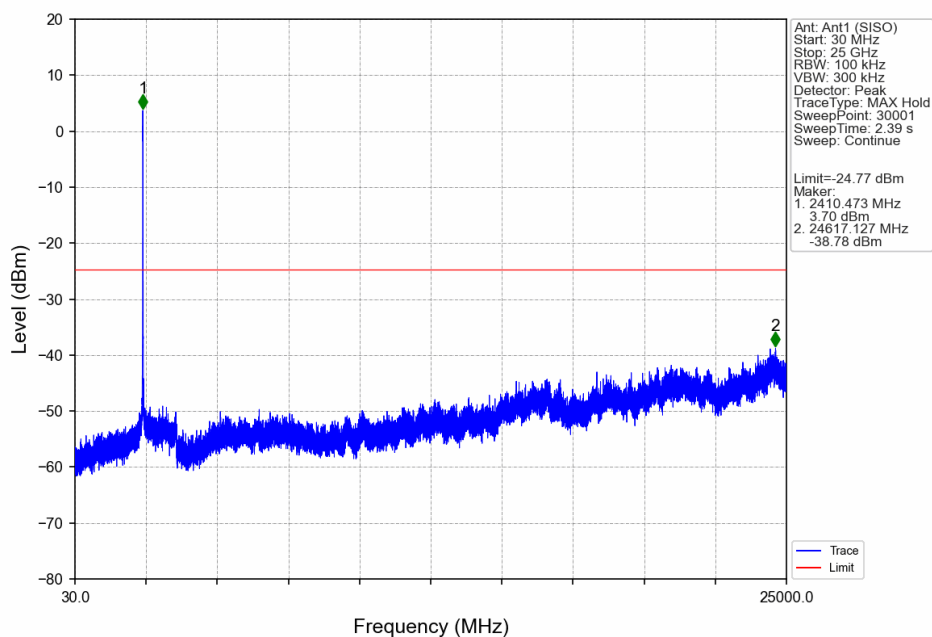
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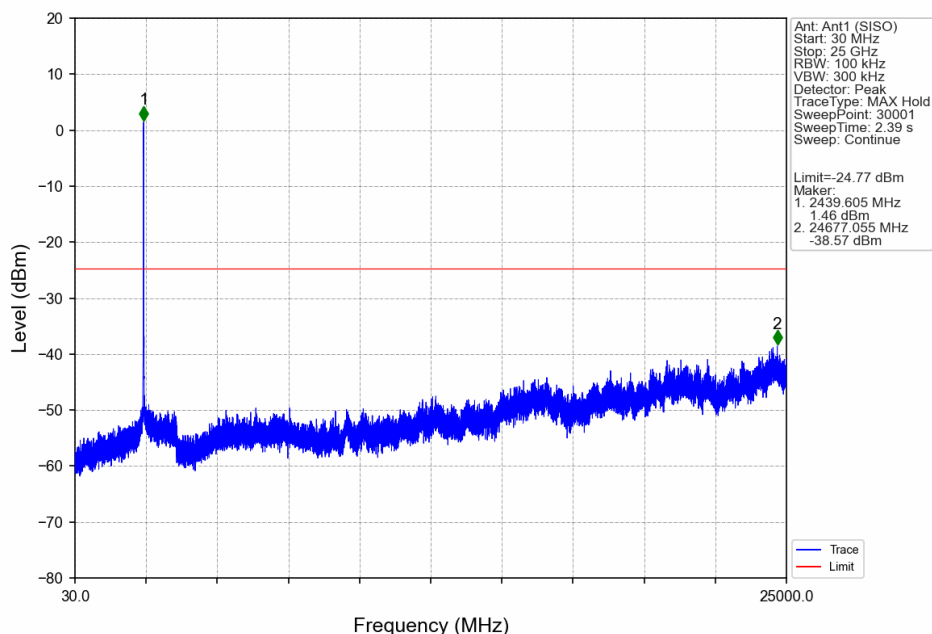
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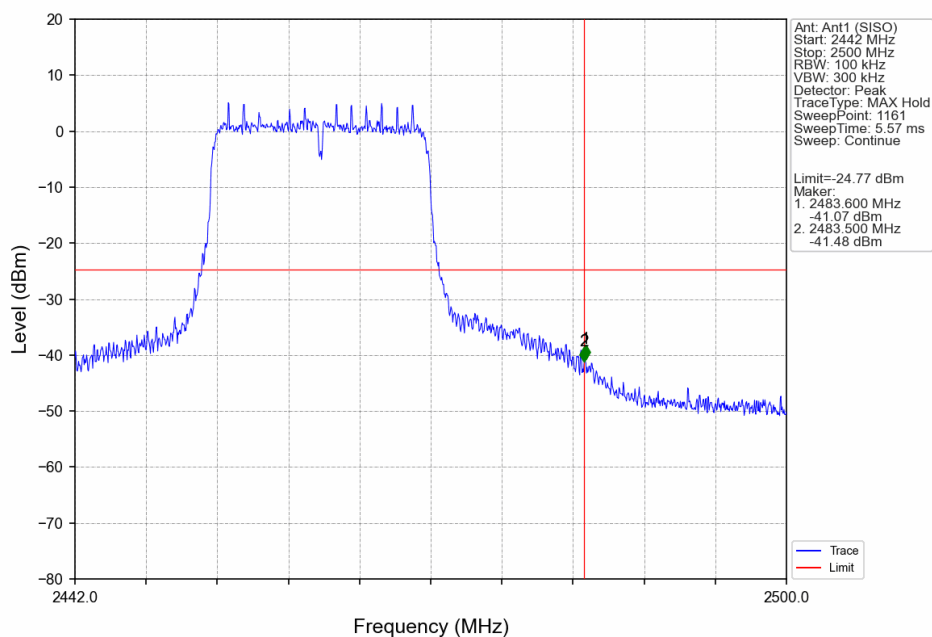
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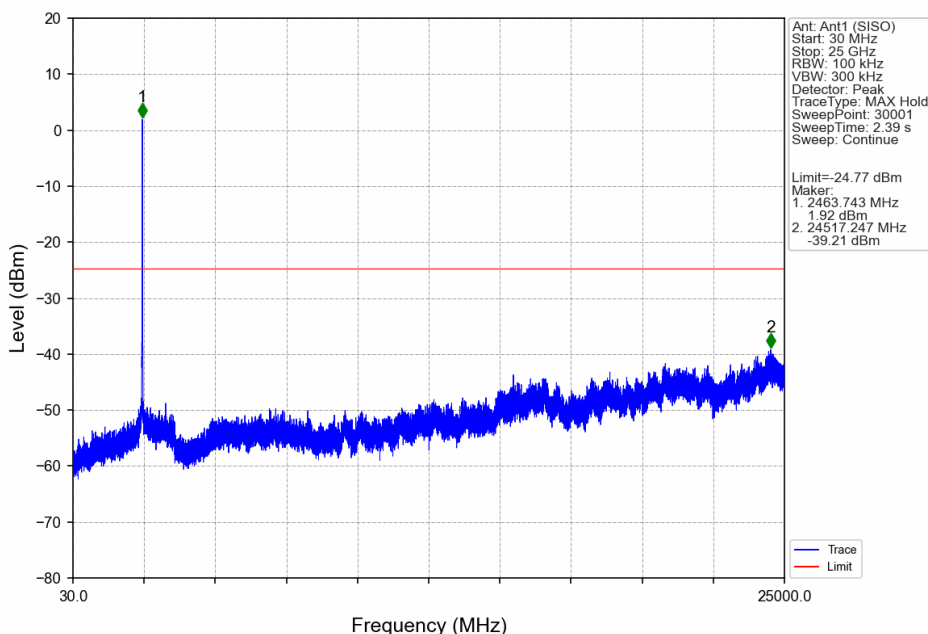
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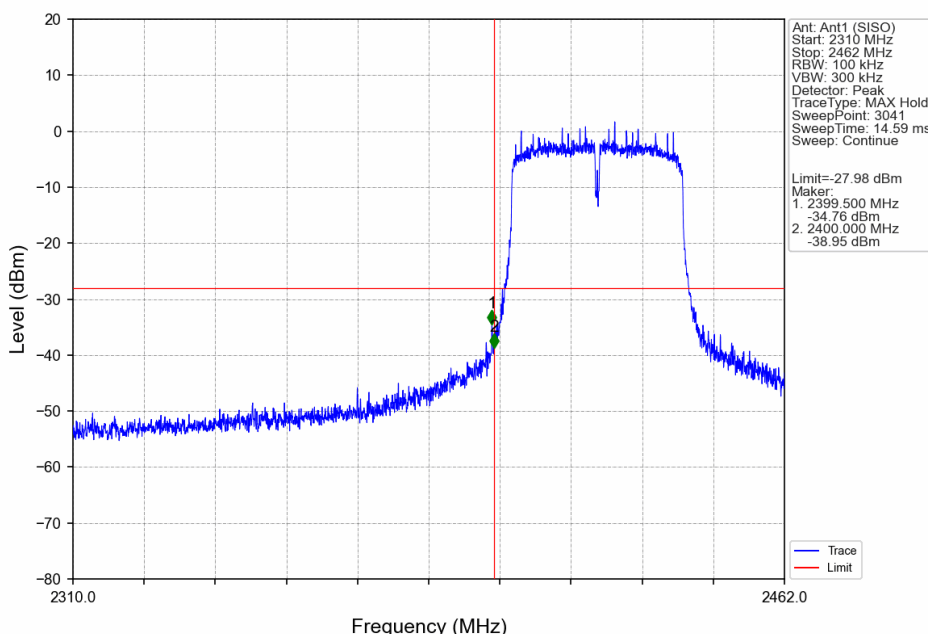
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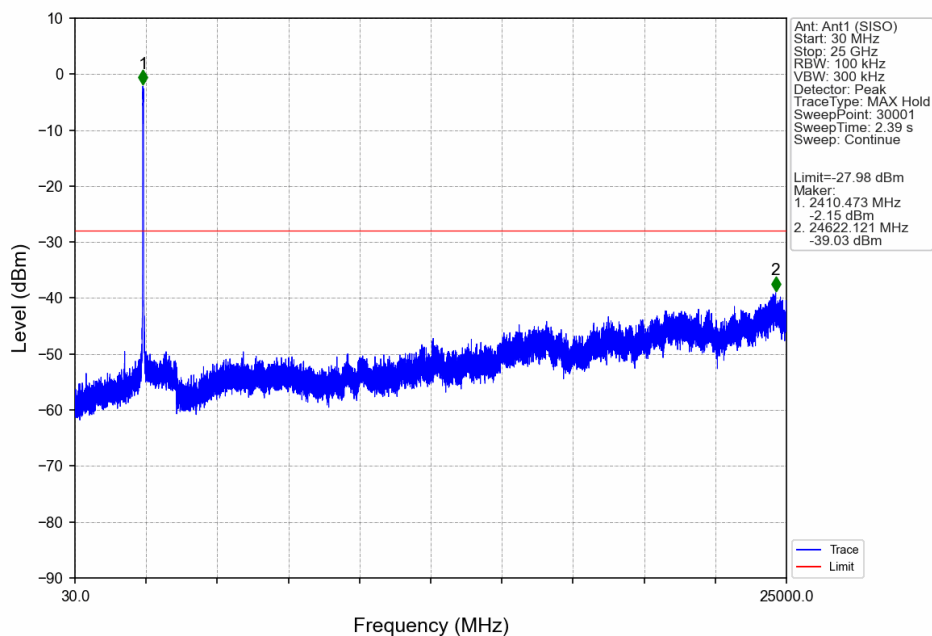
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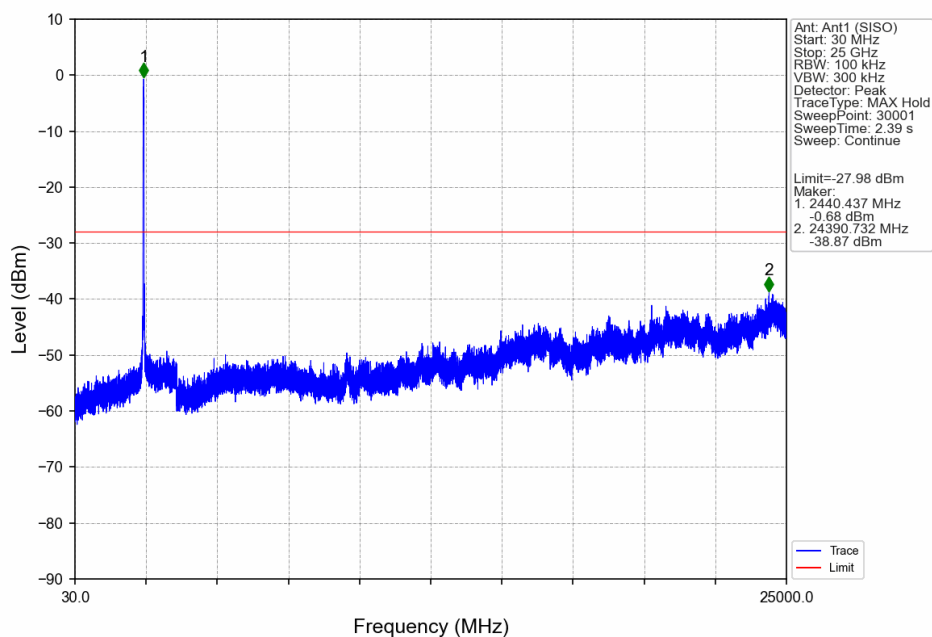
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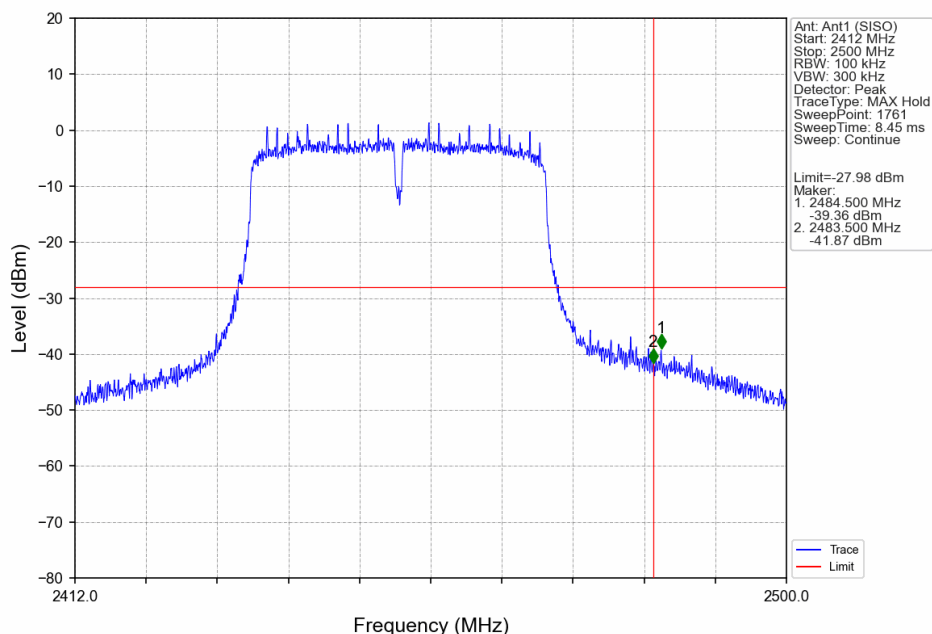
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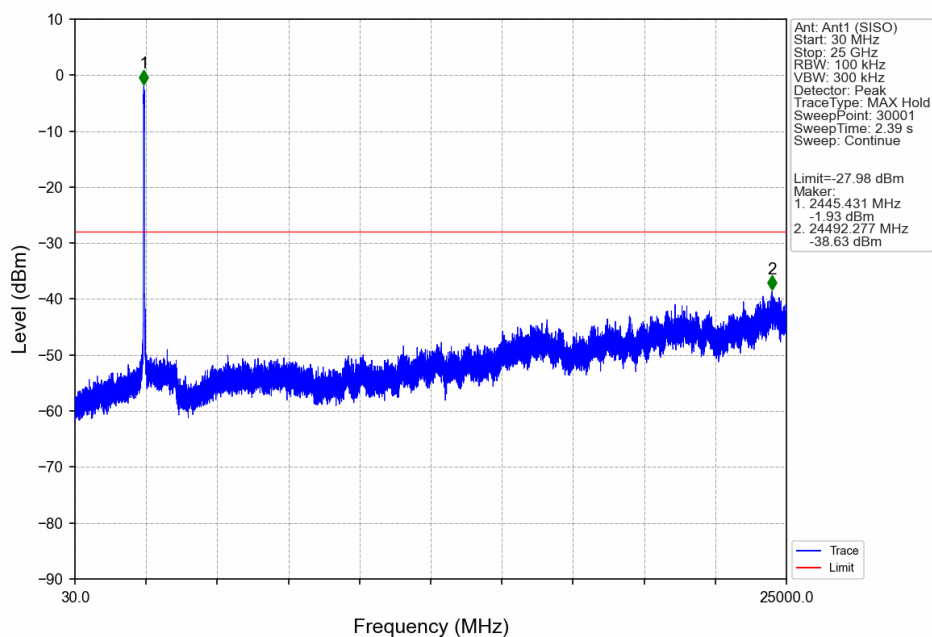
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV





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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250200044403

Page: 135 of 135

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