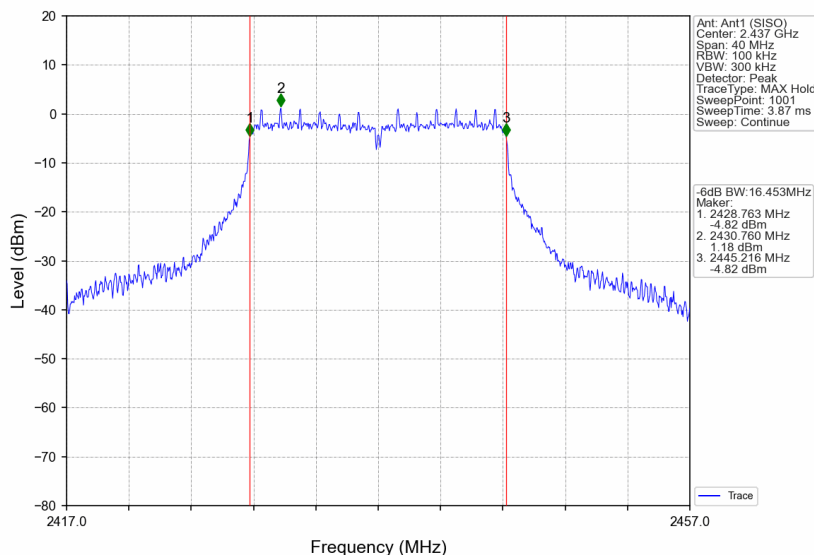
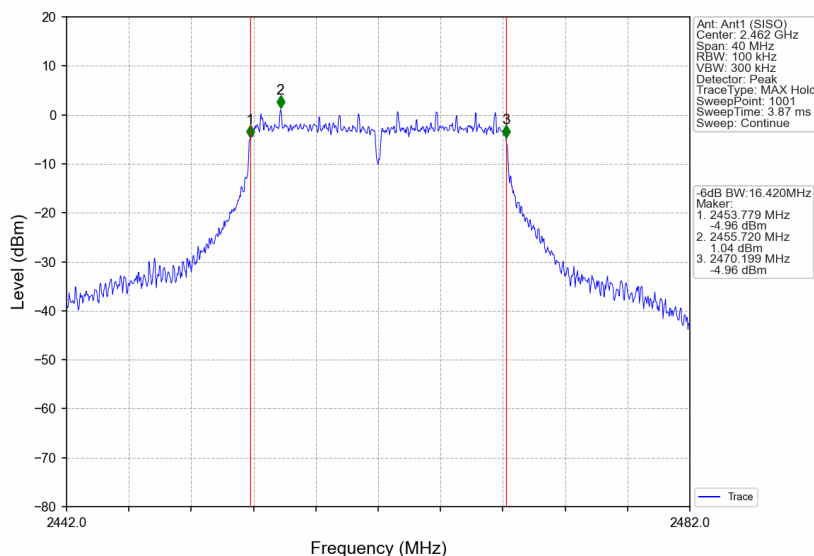


802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



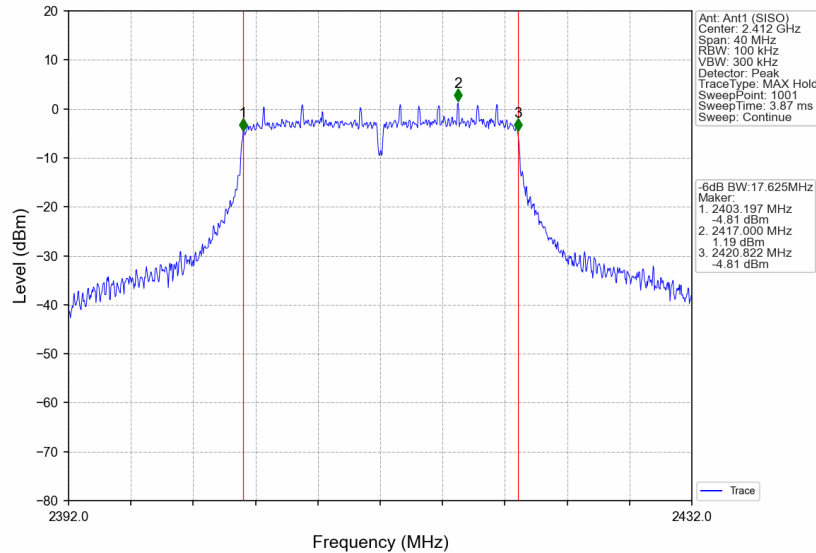
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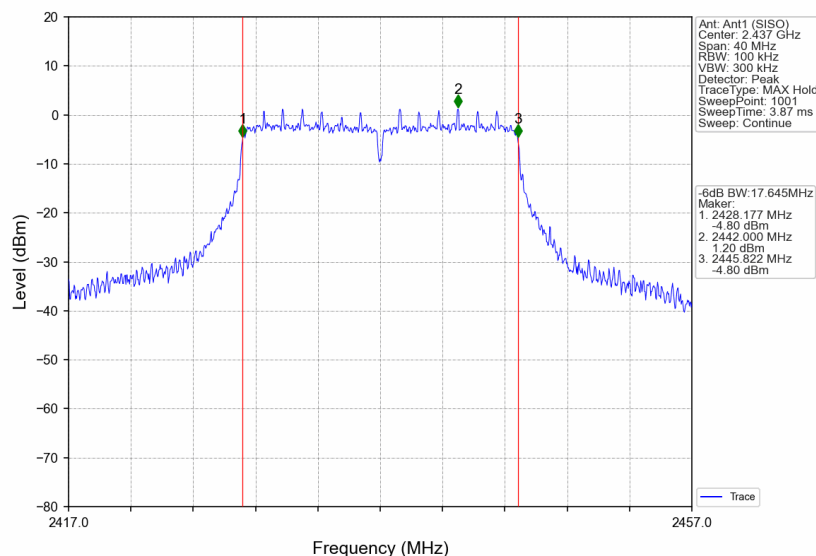
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



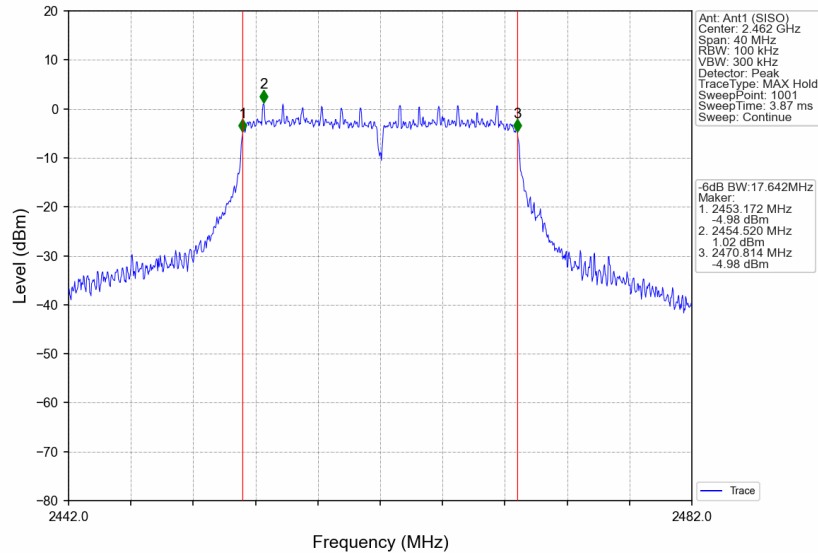
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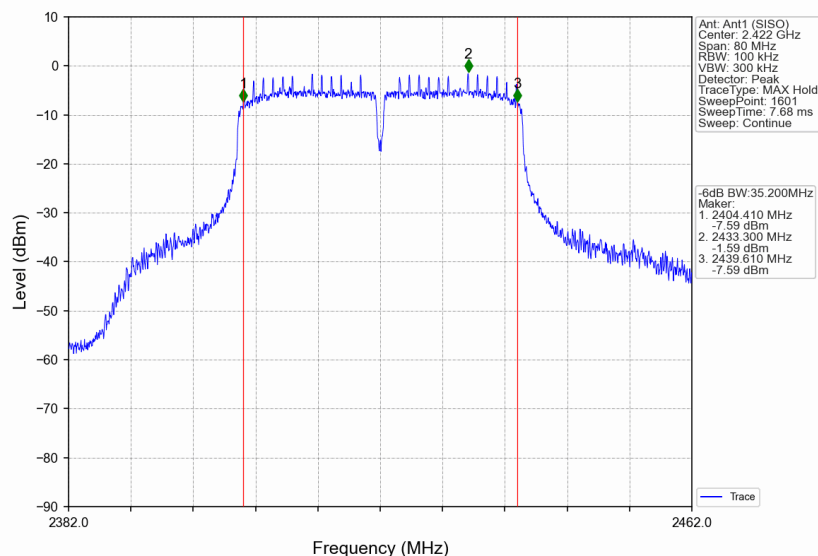
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



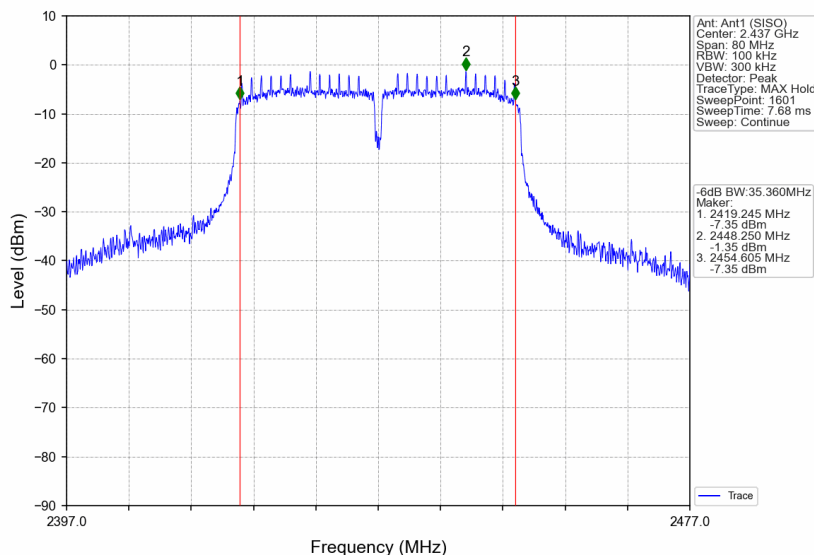
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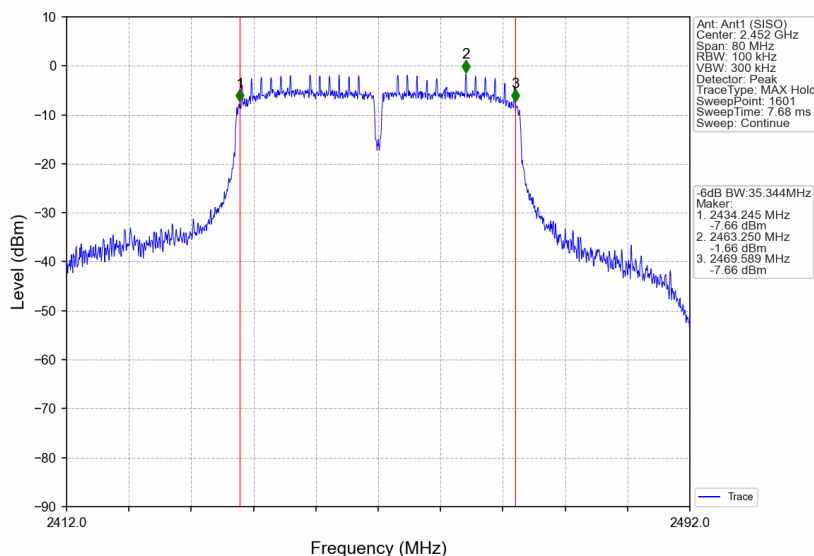
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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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	15.83	<=30	Pass
		2437	16.15	<=30	Pass
		2462	15.94	<=30	Pass
802.11g	SISO	2412	11.72	<=30	Pass
		2437	12.19	<=30	Pass
		2462	12.09	<=30	Pass
802.11n (HT20)	SISO	2412	12.13	<=30	Pass
		2437	12.34	<=30	Pass
		2462	12.08	<=30	Pass
802.11n (HT40)	SISO	2422	12.16	<=30	Pass
		2437	12.23	<=30	Pass
		2452	12.10	<=30	Pass

Note1: Antenna Gain: Ant1: 3.27dBi;



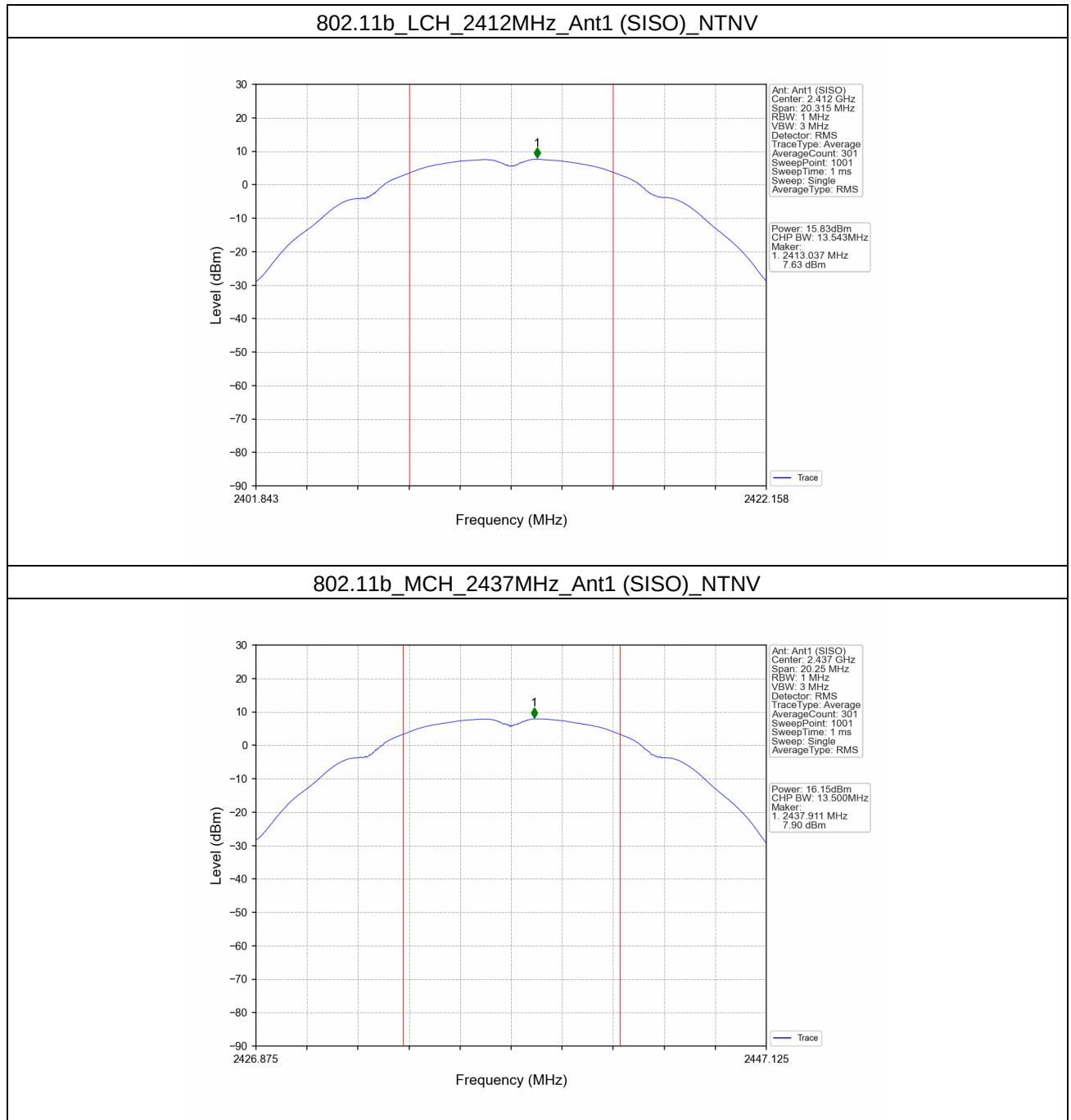
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3.1.2 Test Graph



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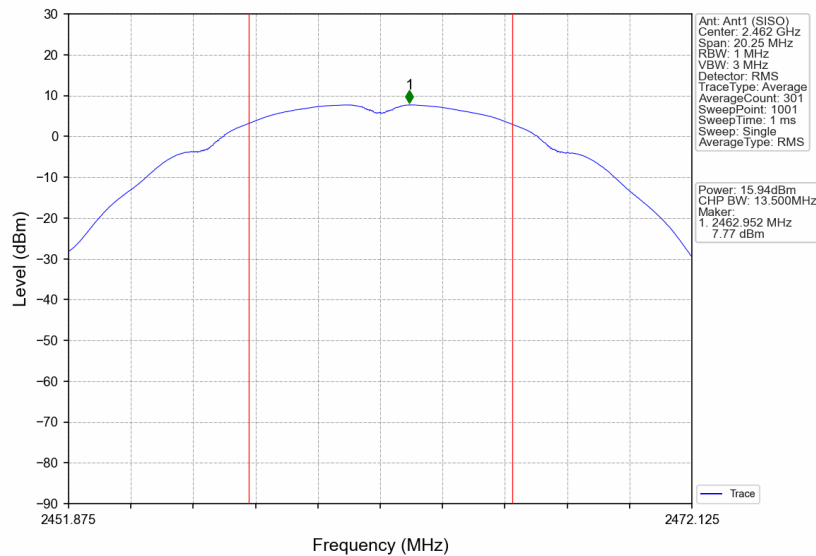
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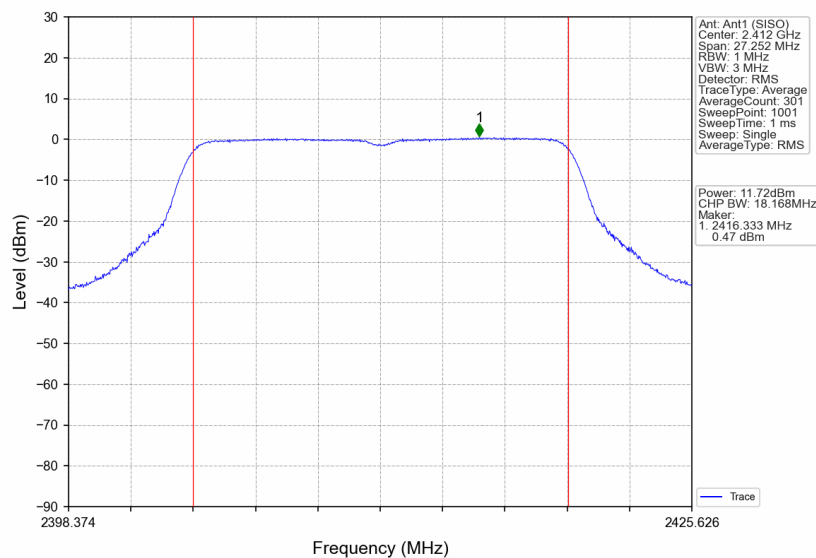
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



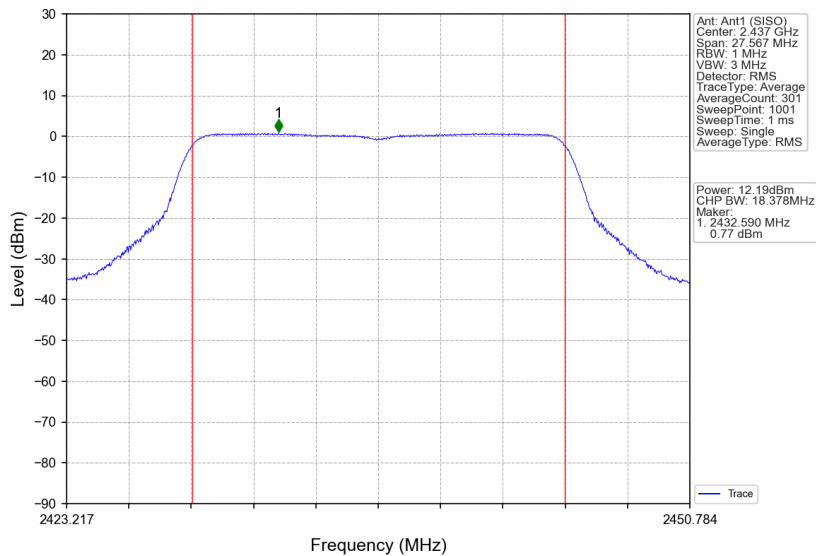
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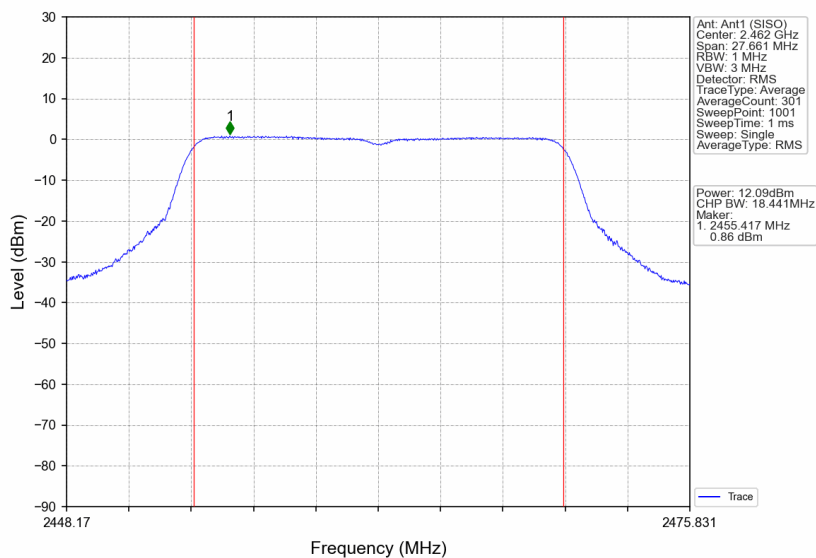
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



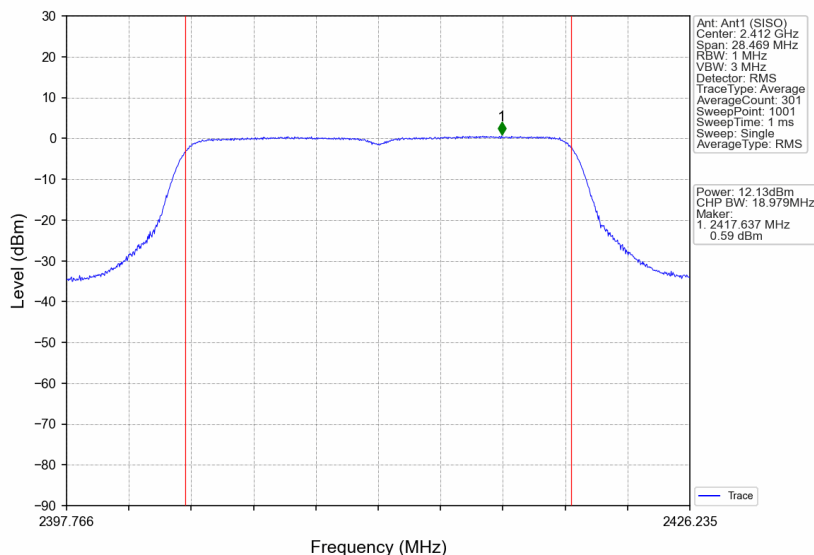
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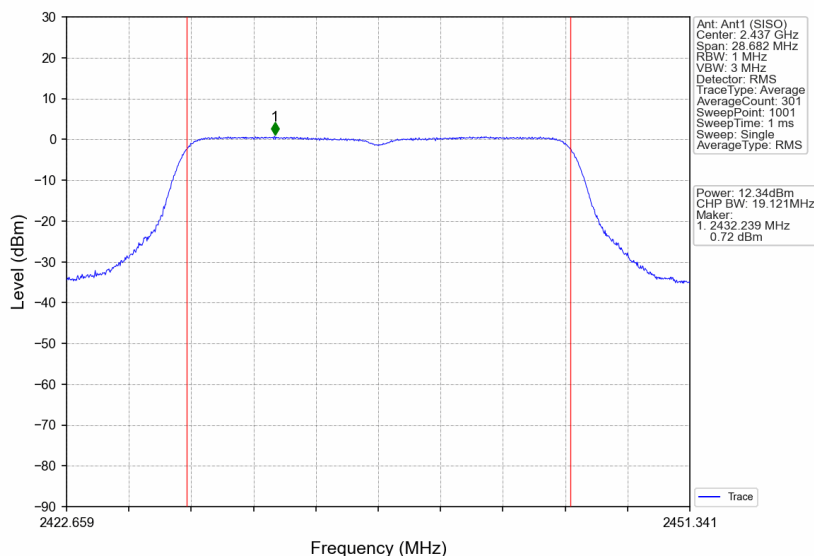
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



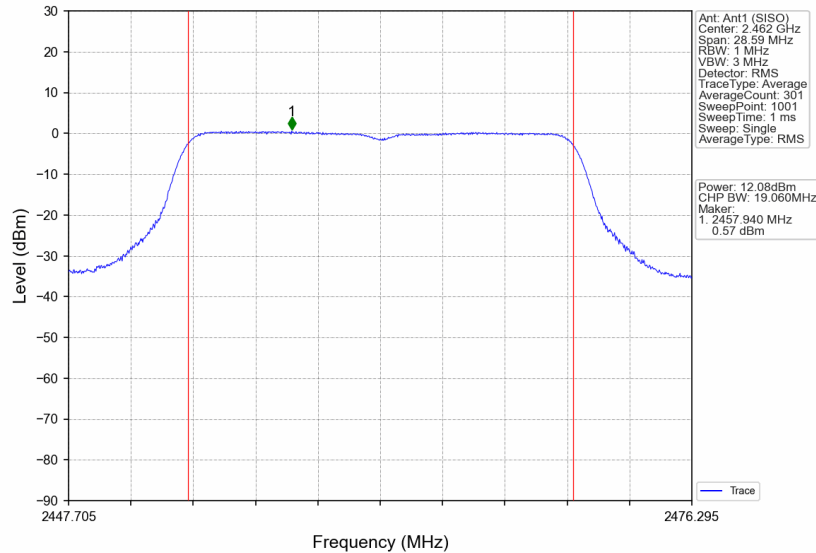
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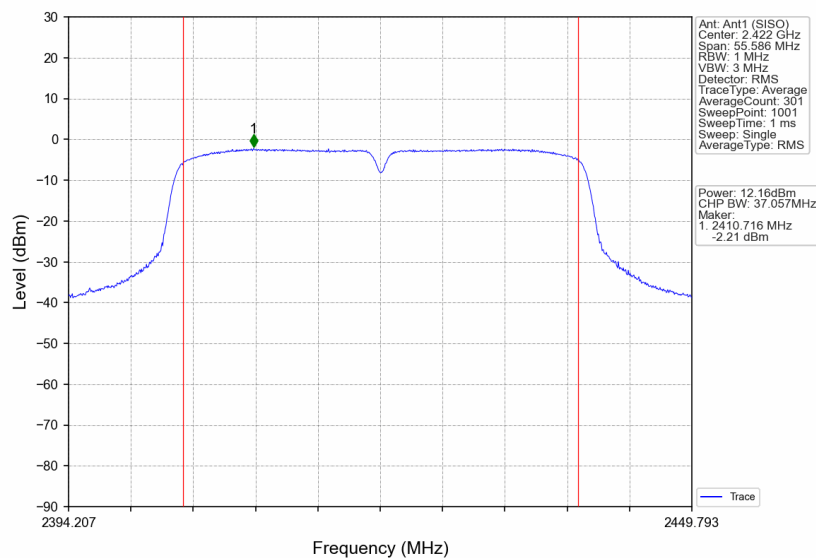
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802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



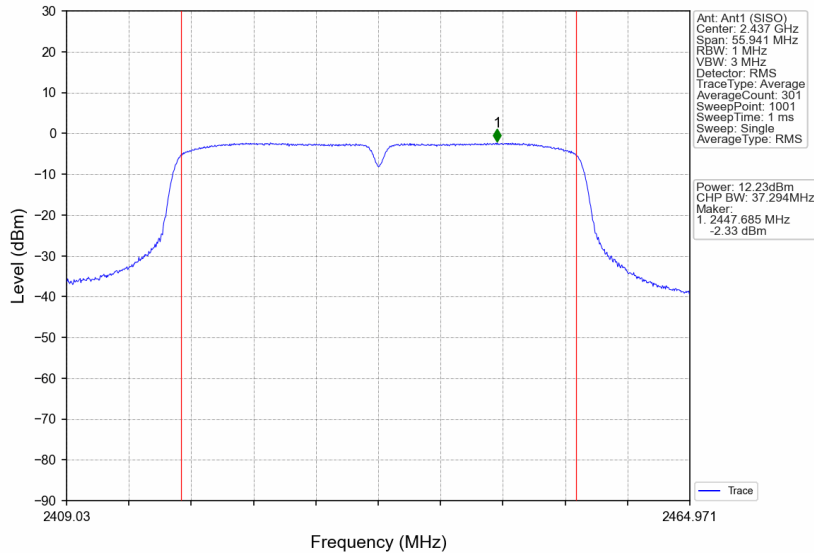
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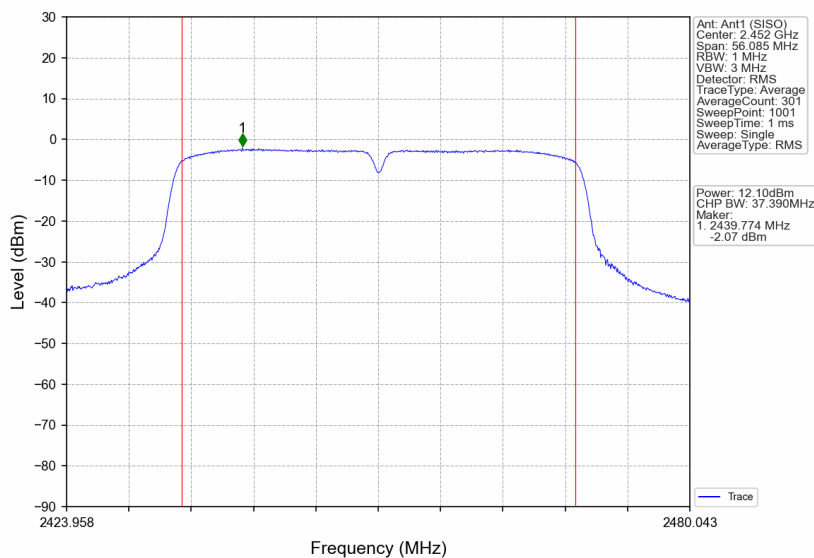
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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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	-7.91	<=8	Pass
		2437	-4.63	<=8	Pass
		2462	-7.41	<=8	Pass
802.11g	SISO	2412	-13.75	<=8	Pass
		2437	-9.05	<=8	Pass
		2462	-13.77	<=8	Pass
802.11n (HT20)	SISO	2412	-13.48	<=8	Pass
		2437	-13.35	<=8	Pass
		2462	-11.97	<=8	Pass
802.11n (HT40)	SISO	2422	-15.74	<=8	Pass
		2437	-16.32	<=8	Pass
		2452	-16.61	<=8	Pass

Note1: Antenna Gain: Ant1: 3.27dBi;



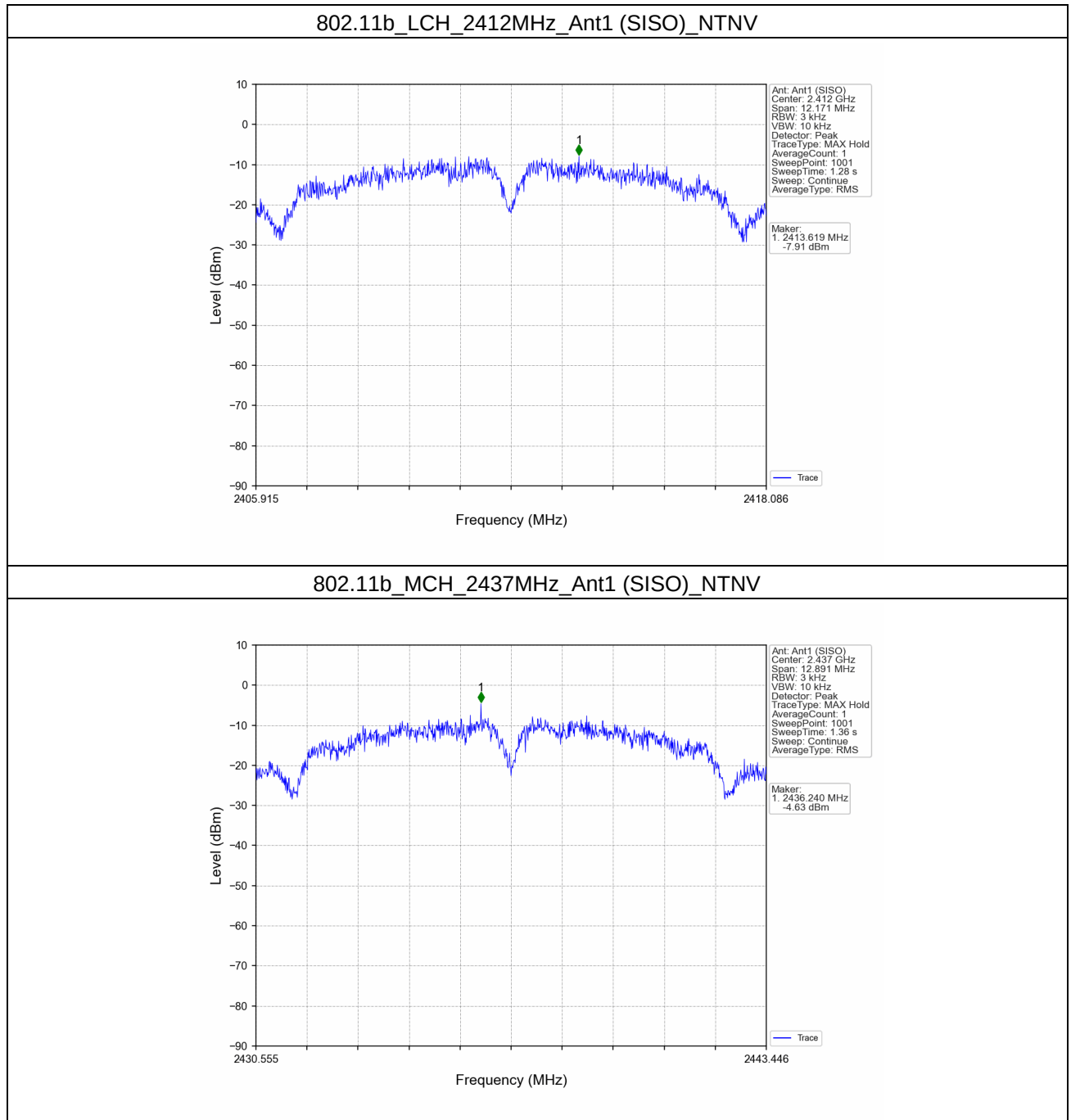
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4.1.2 Test Graph



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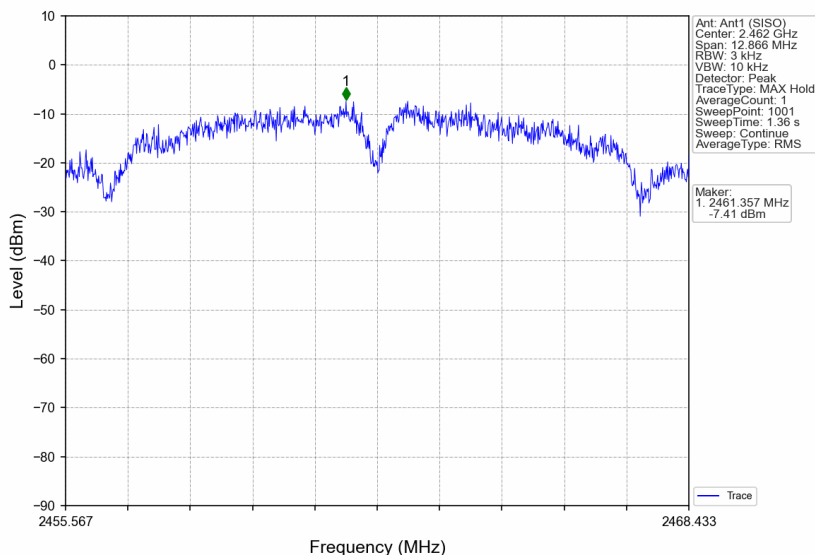
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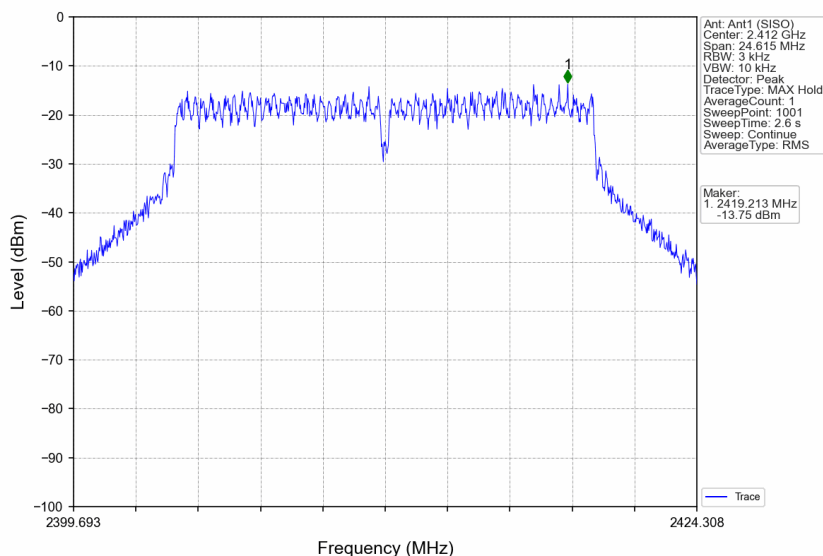
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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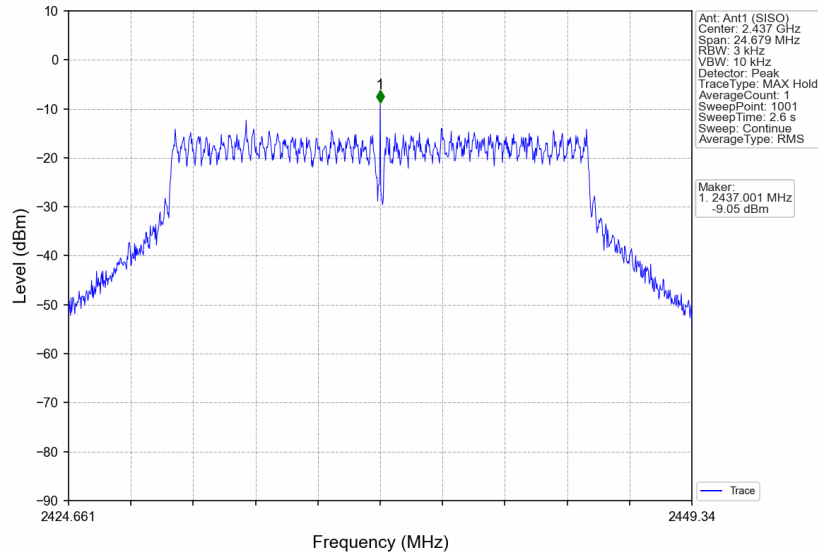
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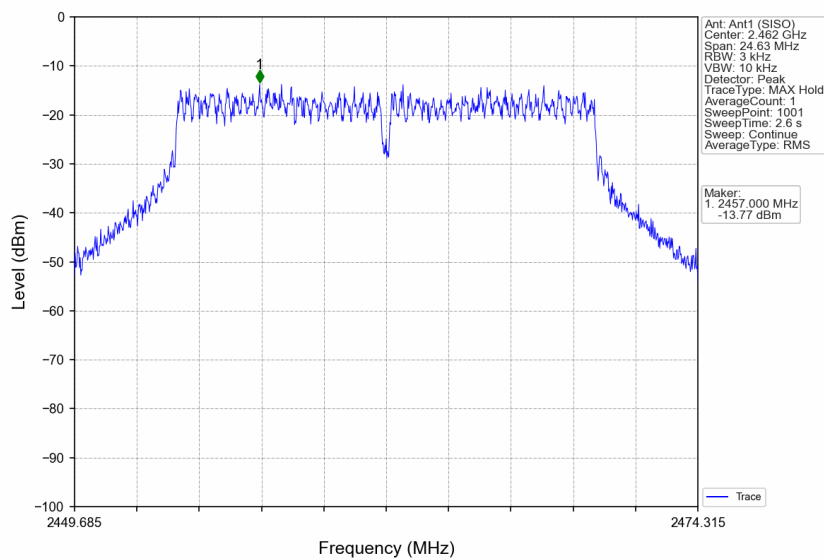
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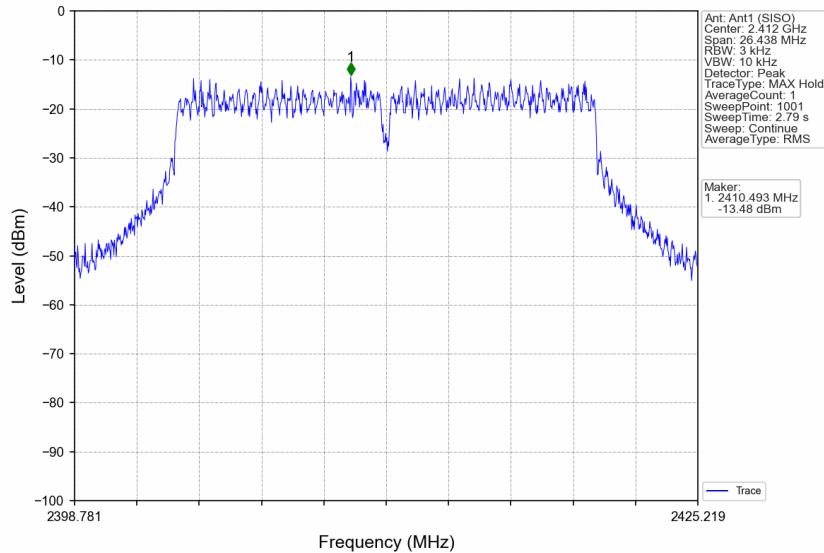
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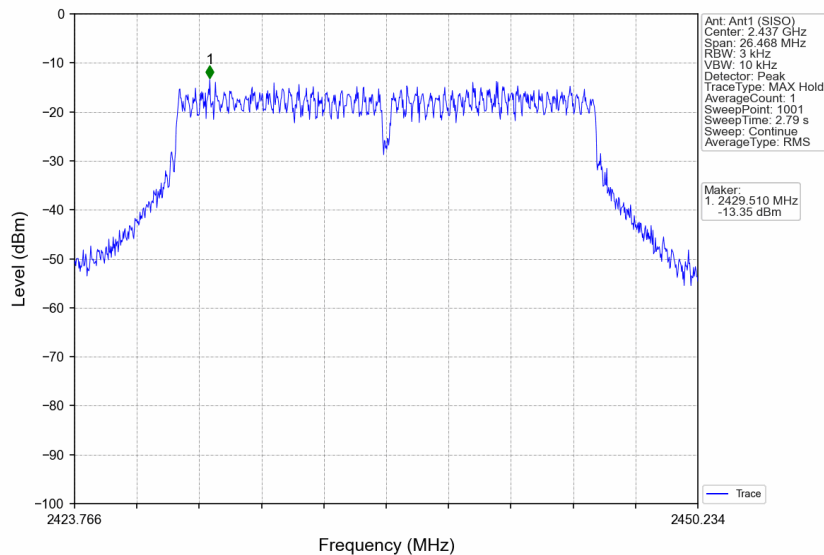
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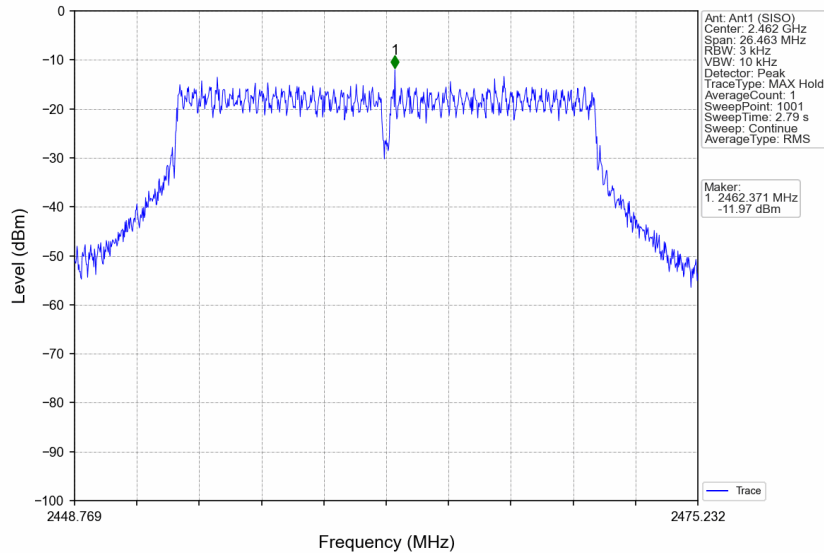
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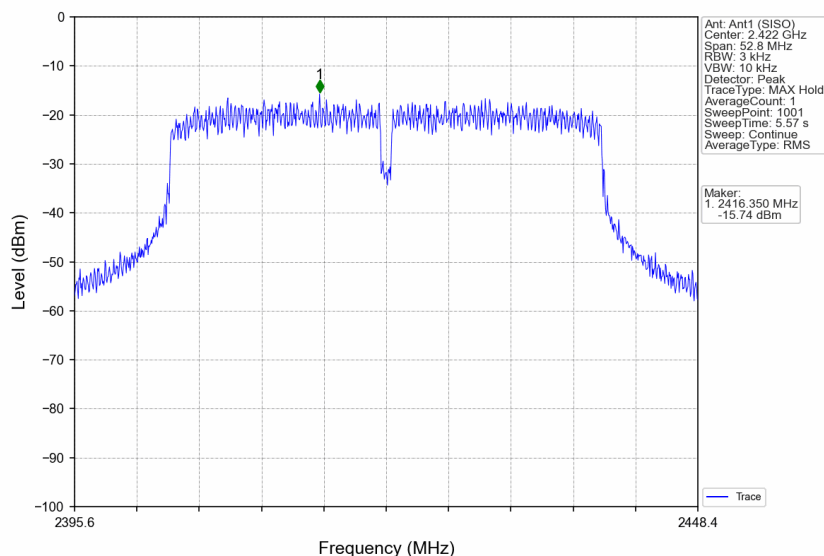
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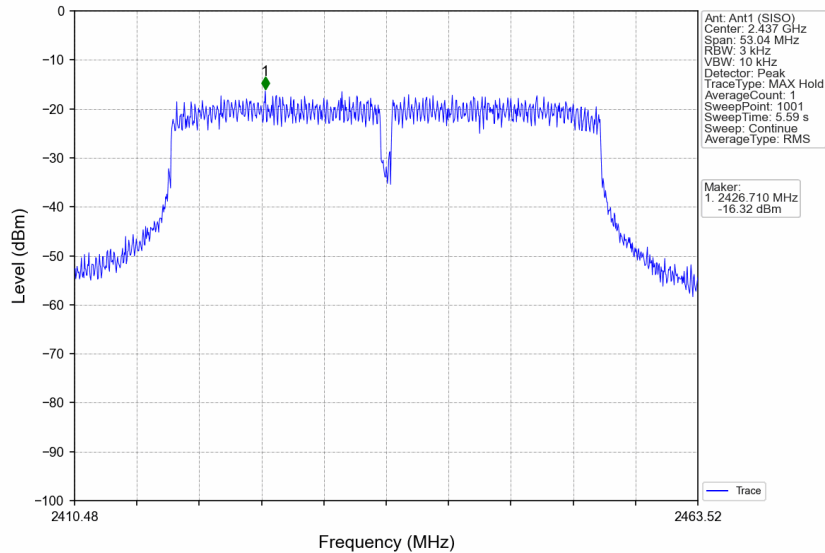
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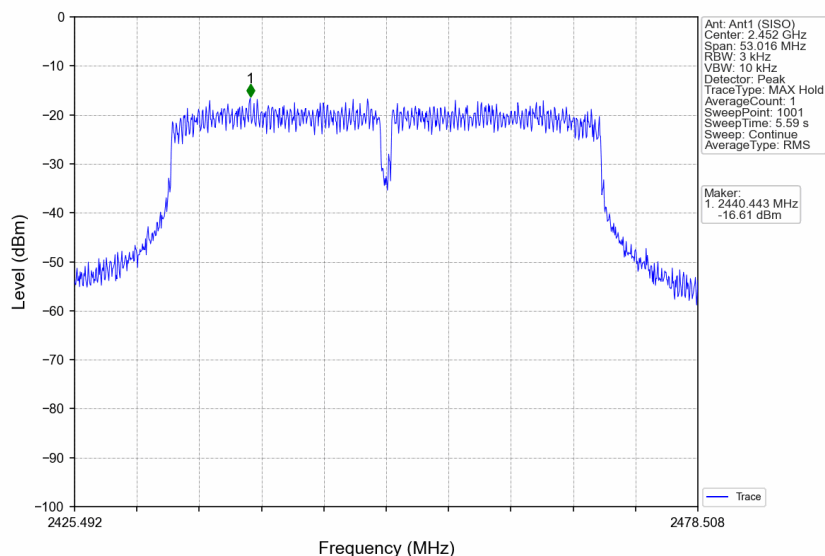
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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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)
802.11b	SISO	2412	1	7.31
		2437	1	8.00
		2462	1	7.58
802.11g	SISO	2412	1	0.61
		2437	1	0.48
		2462	1	0.75
802.11n (HT20)	SISO	2412	1	1.15
		2437	1	1.18
		2462	1	1.07
802.11n (HT40)	SISO	2422	1	-1.56
		2437	1	-1.41
		2452	1	-1.67

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.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



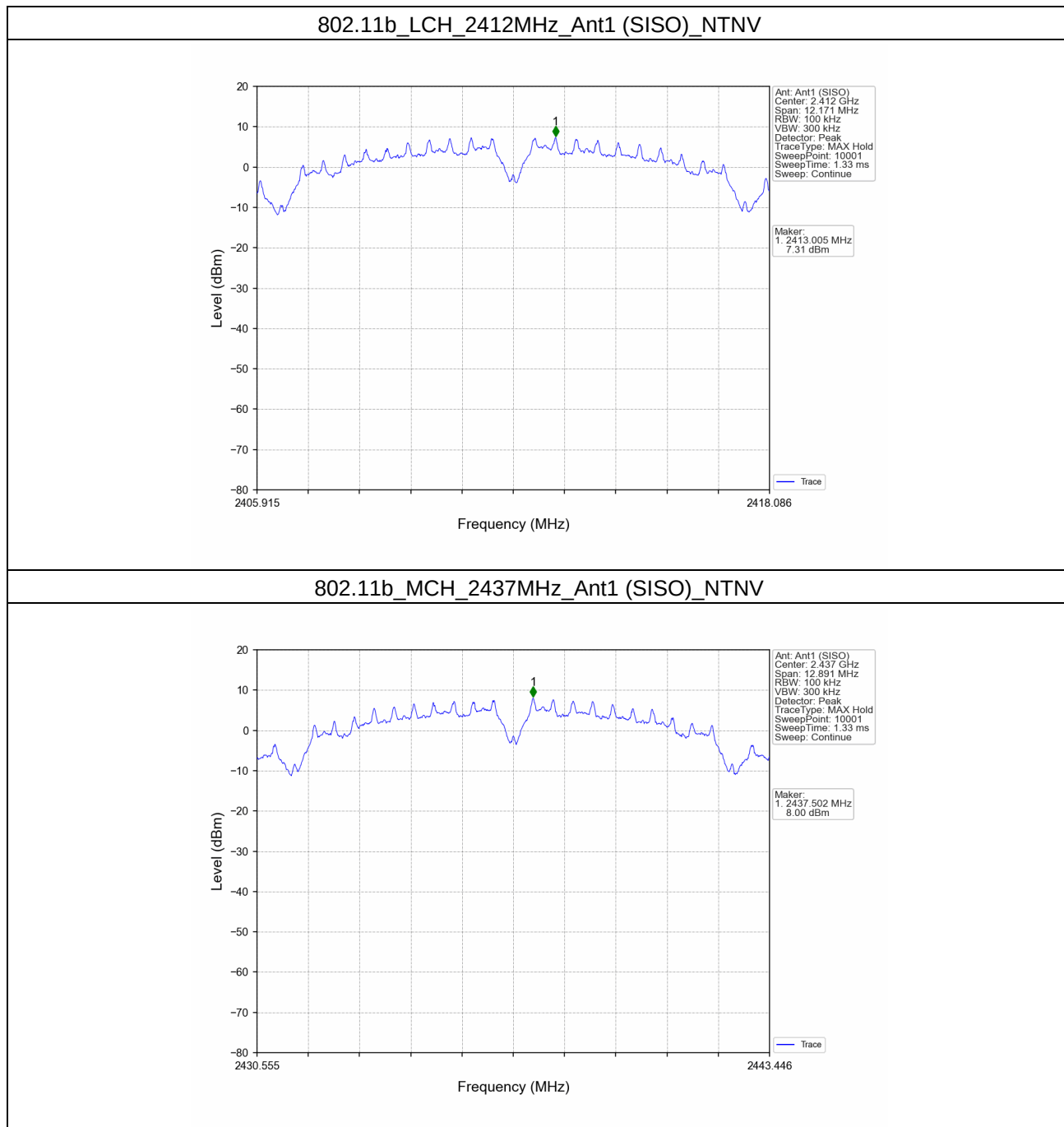
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5.1.2 Test Graph



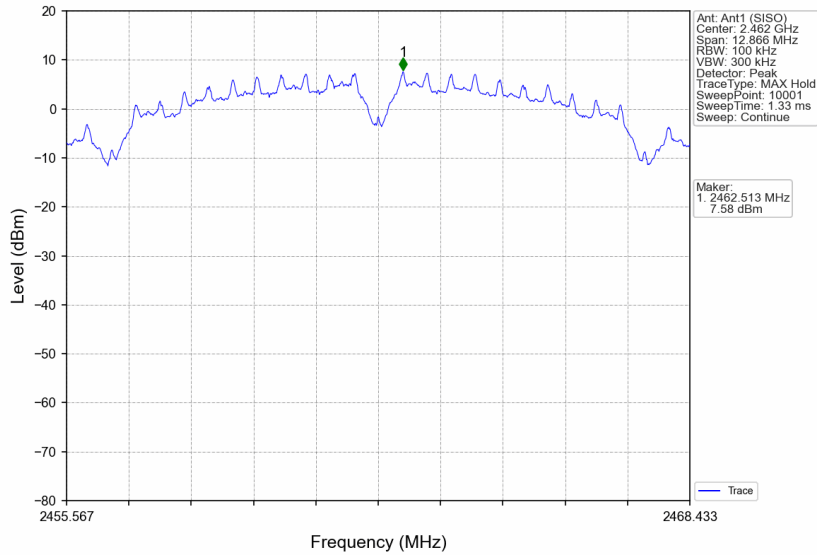
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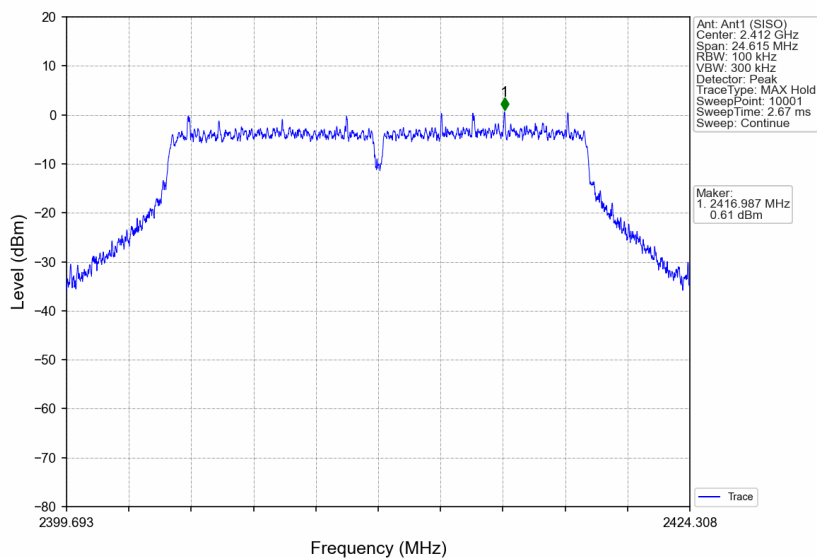
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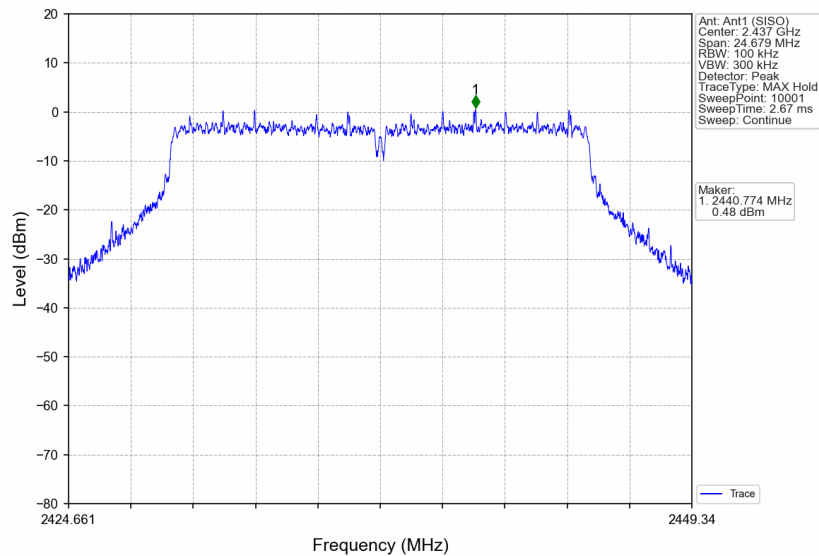
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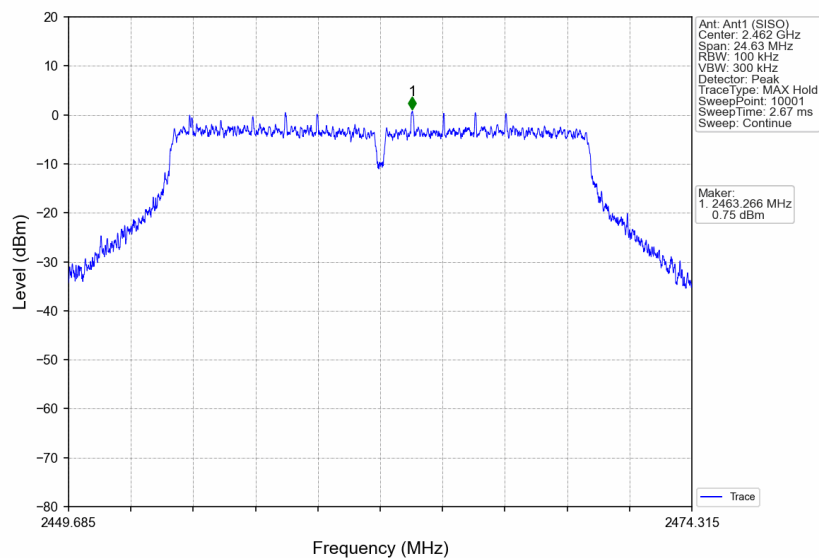
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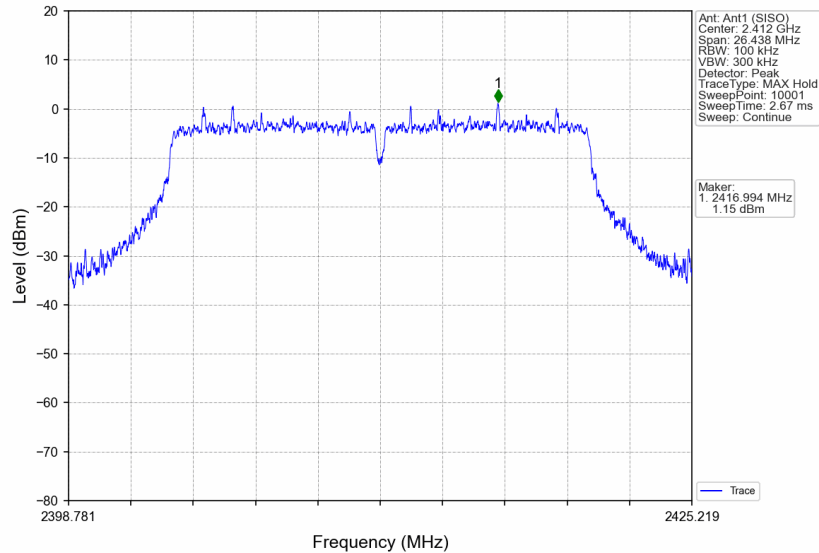
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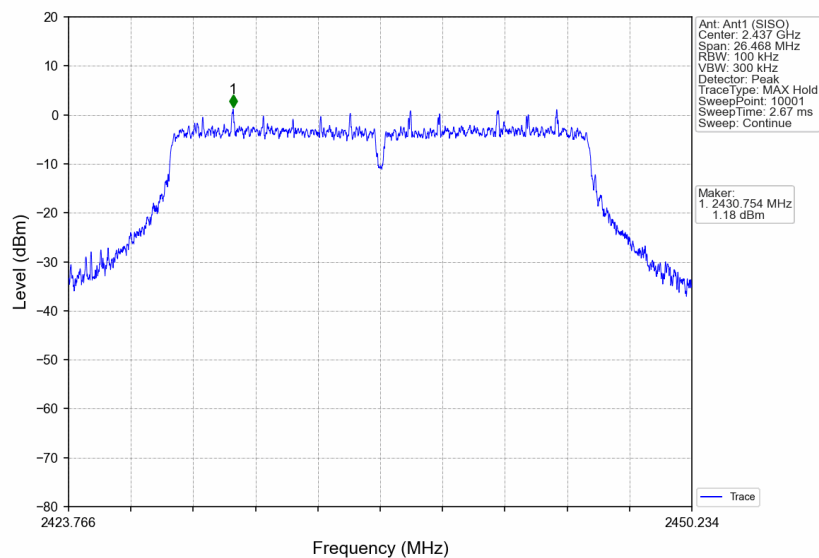
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802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



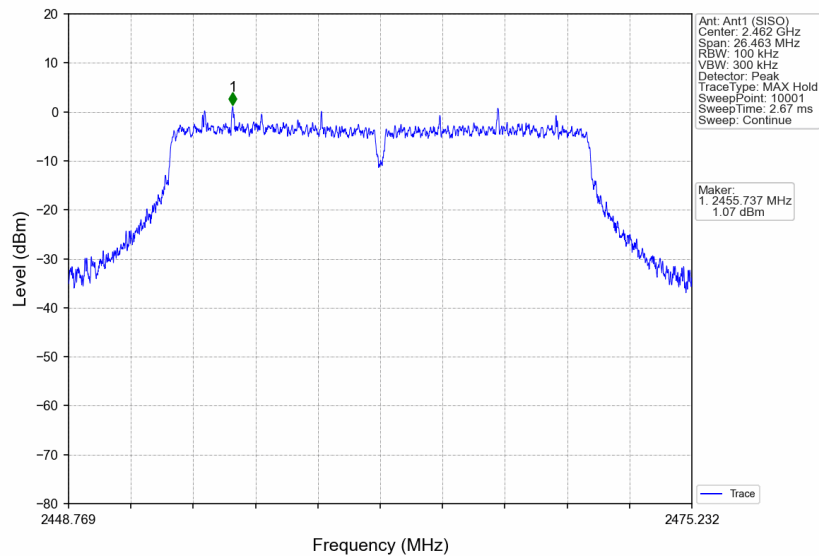
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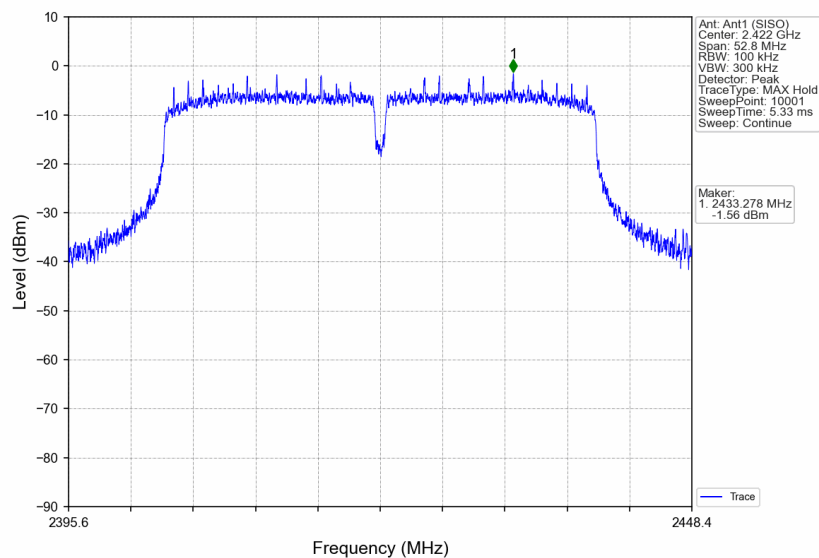
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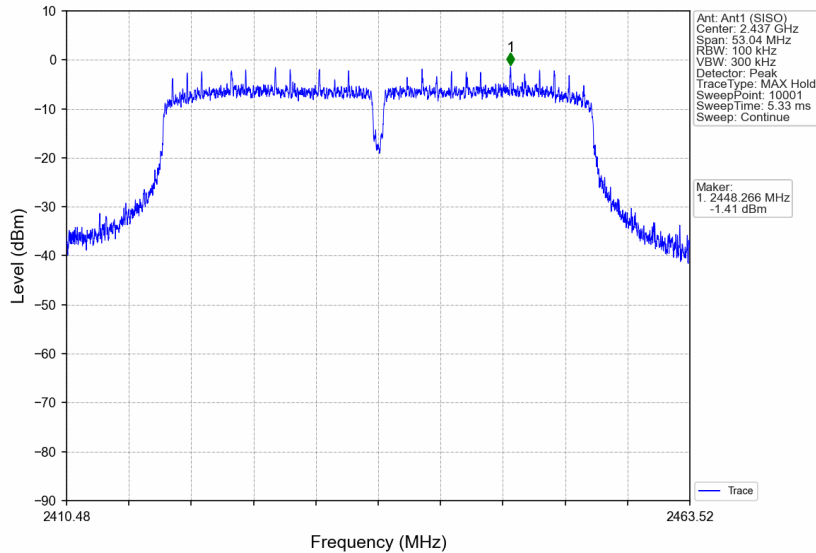
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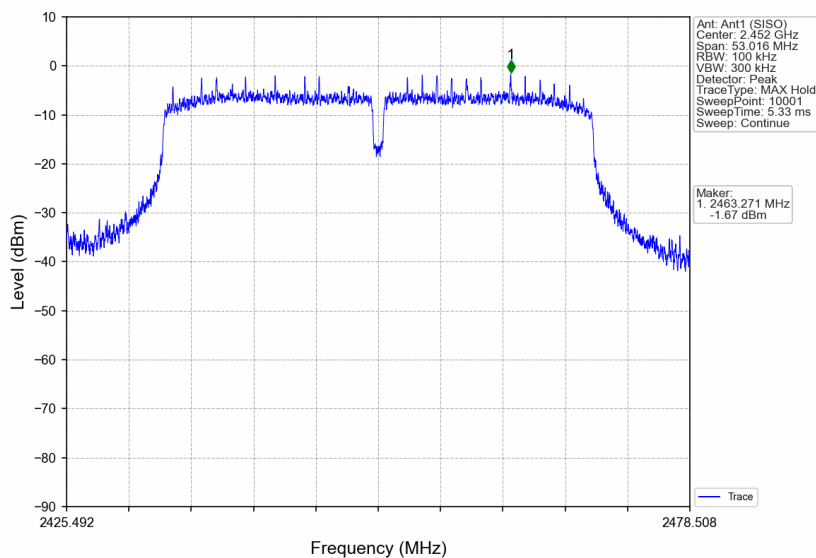
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Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220700110503

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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	8.00	-22.00	Pass
		2437	1	8.00	-22.00	Pass
		2462	1	8.00	-22.00	Pass
802.11g	SISO	2412	1	0.75	-29.25	Pass
		2437	1	0.75	-29.25	Pass
		2462	1	0.75	-29.25	Pass
802.11n (HT20)	SISO	2412	1	1.18	-28.82	Pass
		2437	1	1.18	-28.82	Pass
		2462	1	1.18	-28.82	Pass
802.11n (HT40)	SISO	2422	1	-1.41	-31.41	Pass
		2437	1	-1.41	-31.41	Pass
		2452	1	-1.41	-31.41	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.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.



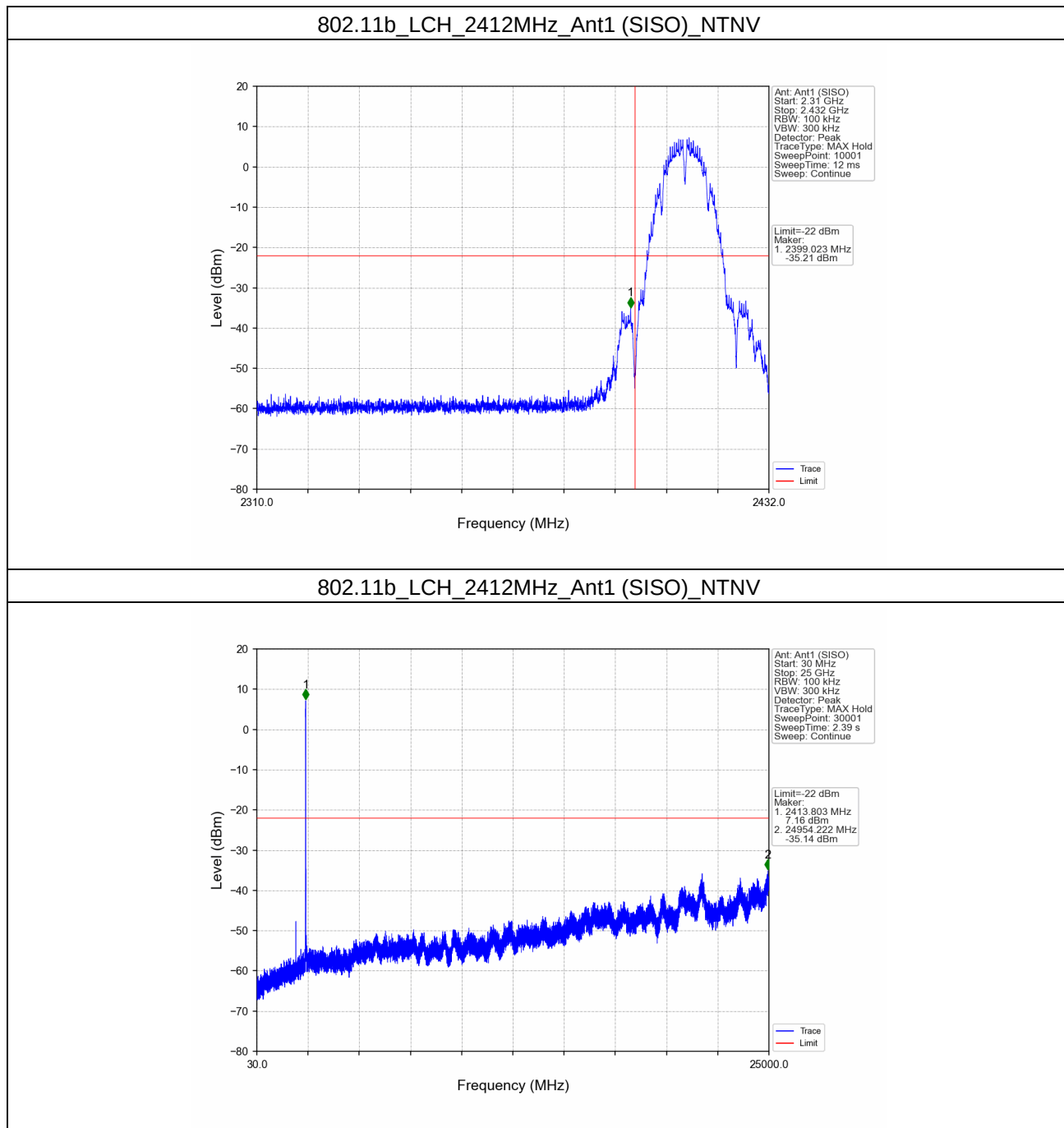
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5.2.2 Test Graph



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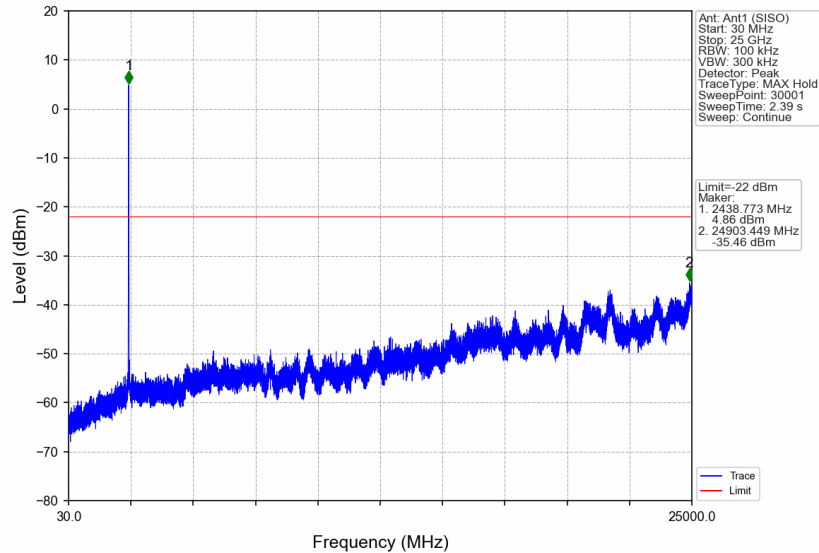
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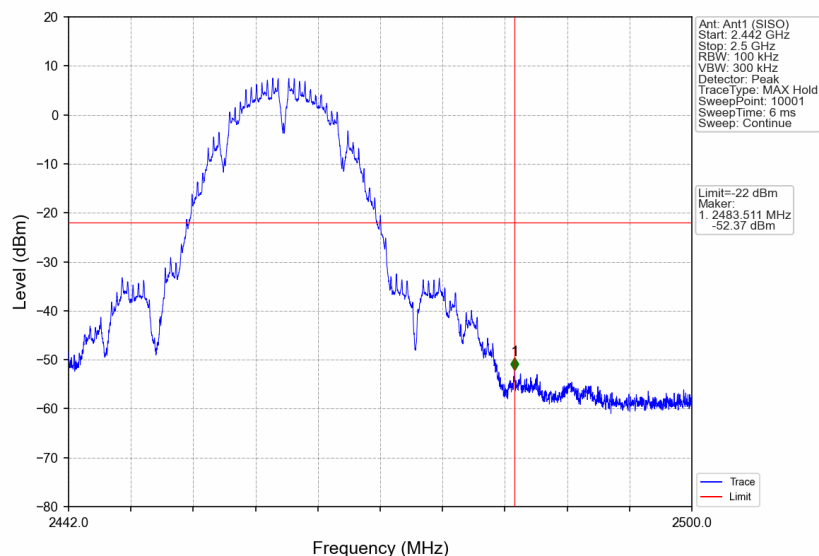
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



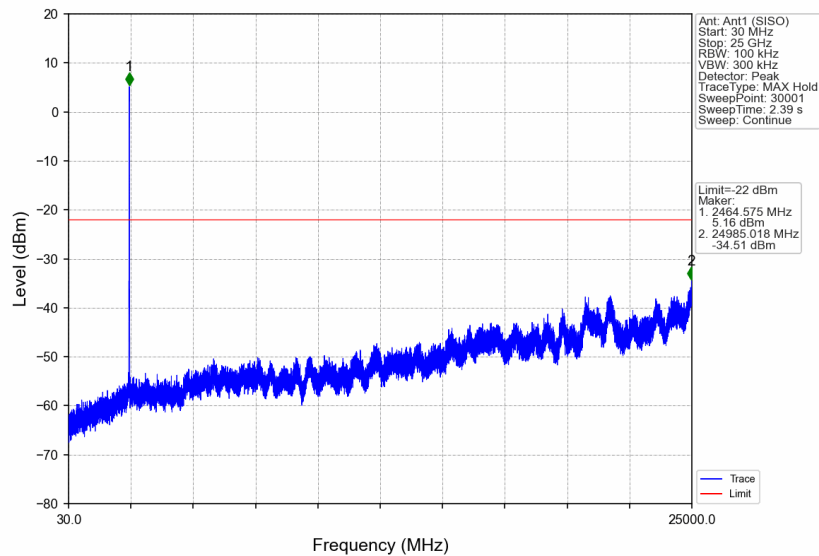
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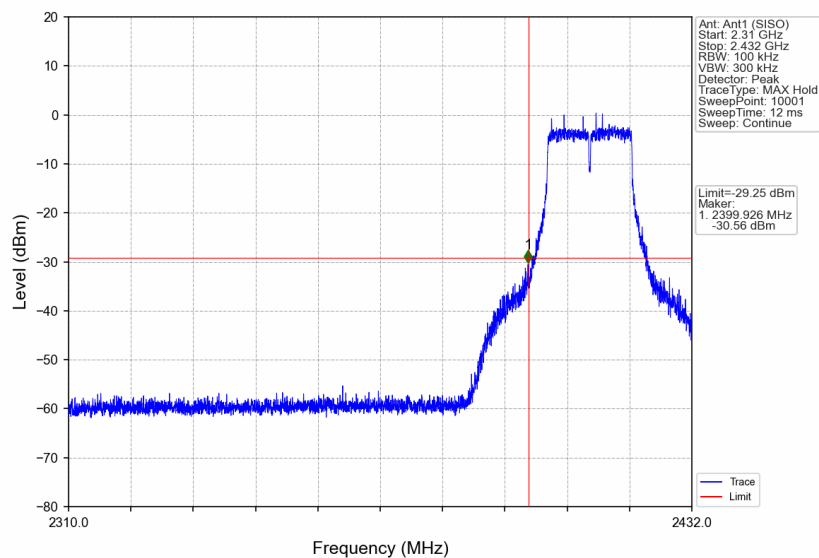
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



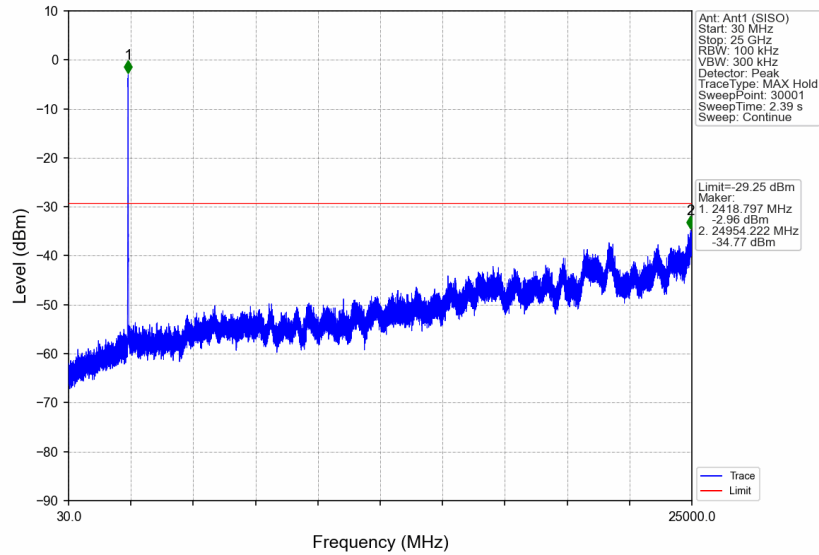
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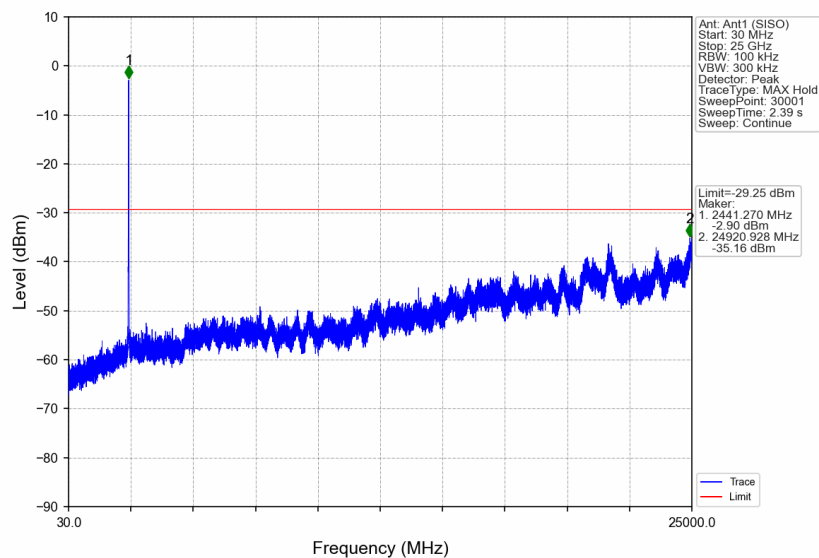
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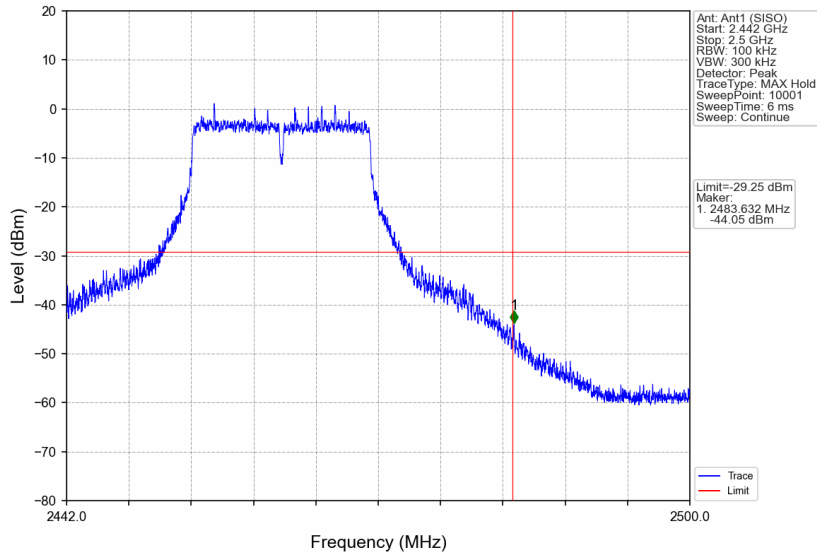
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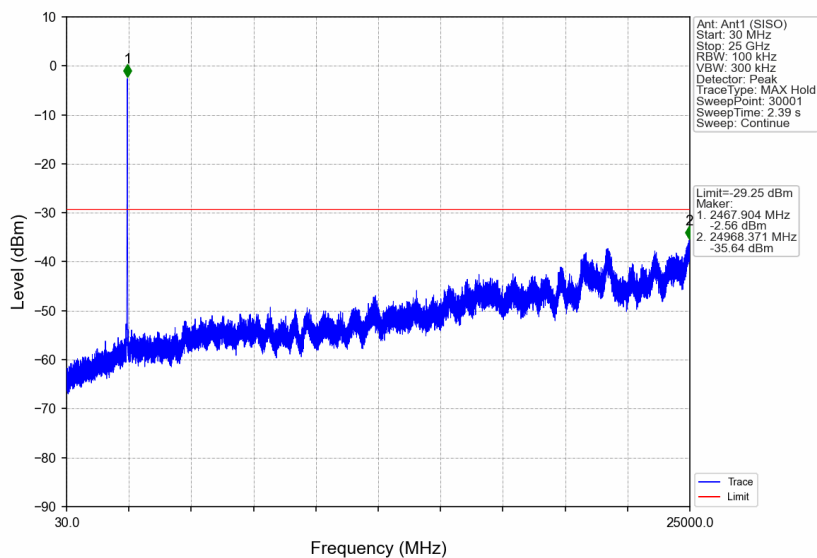
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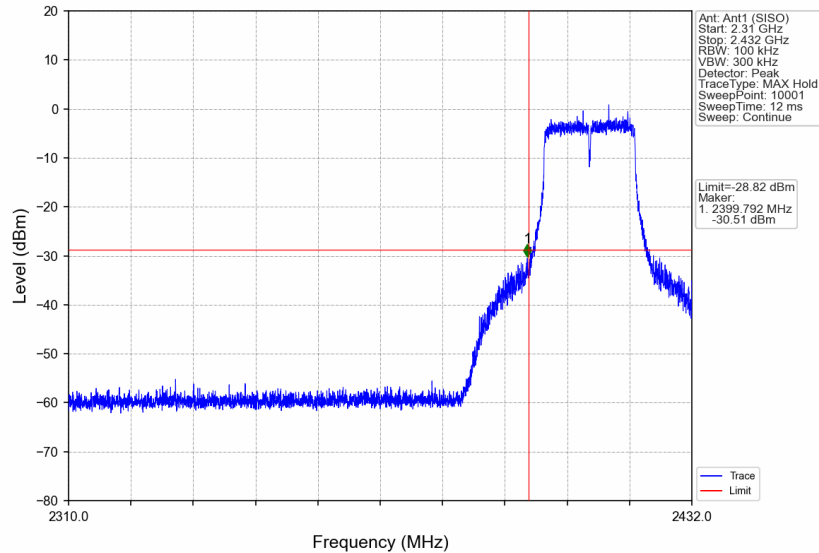
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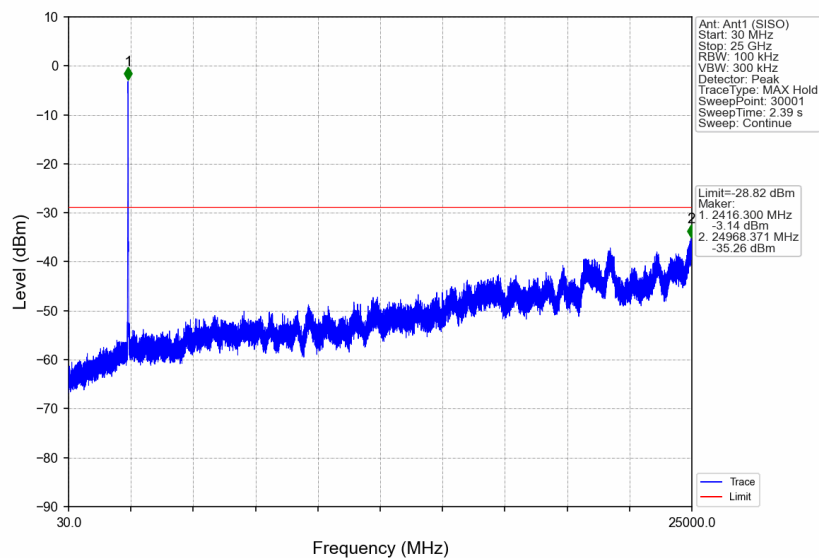
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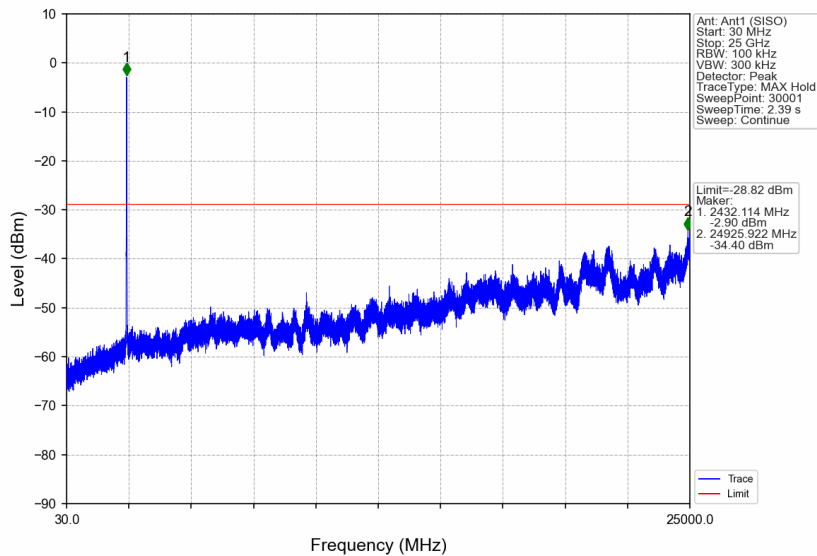
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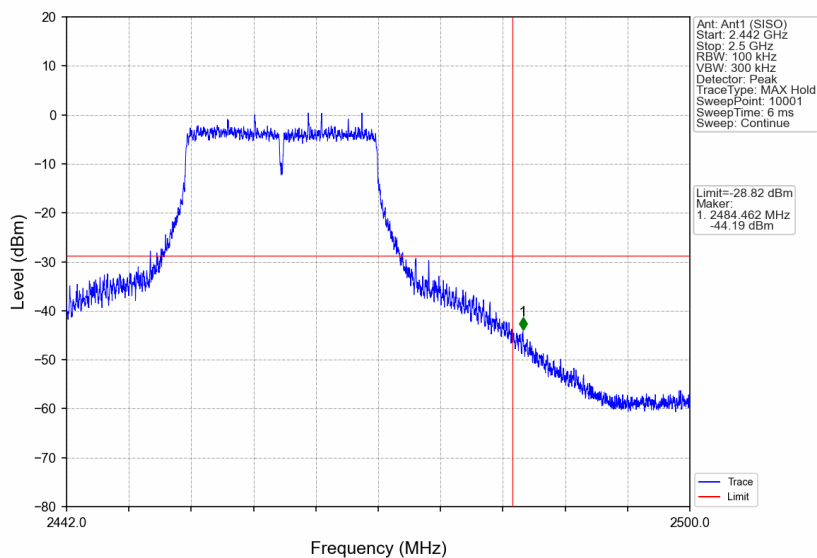
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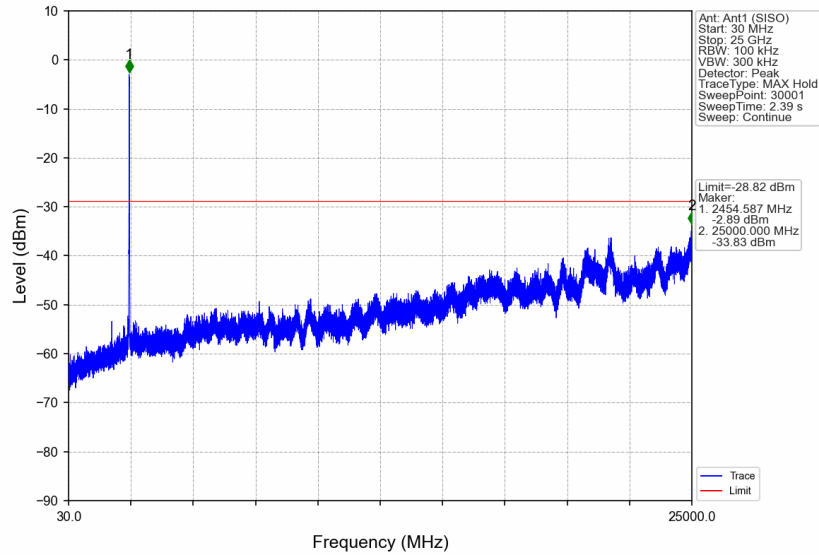
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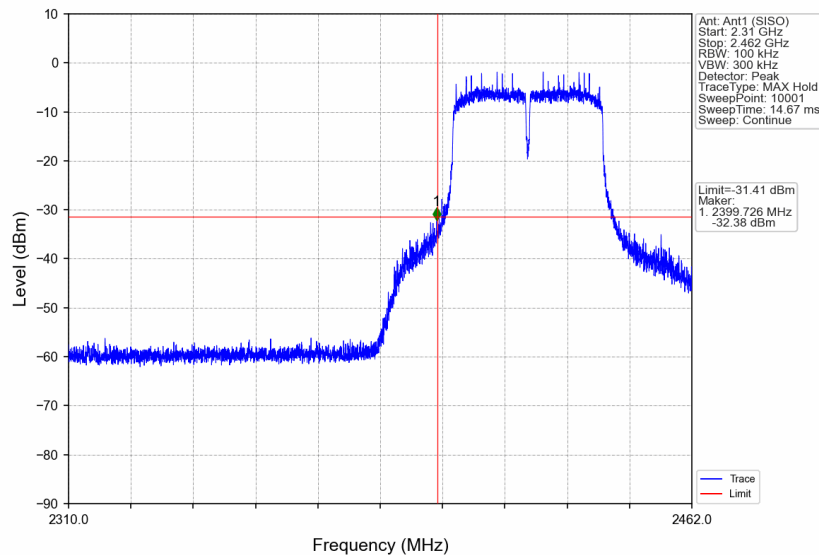
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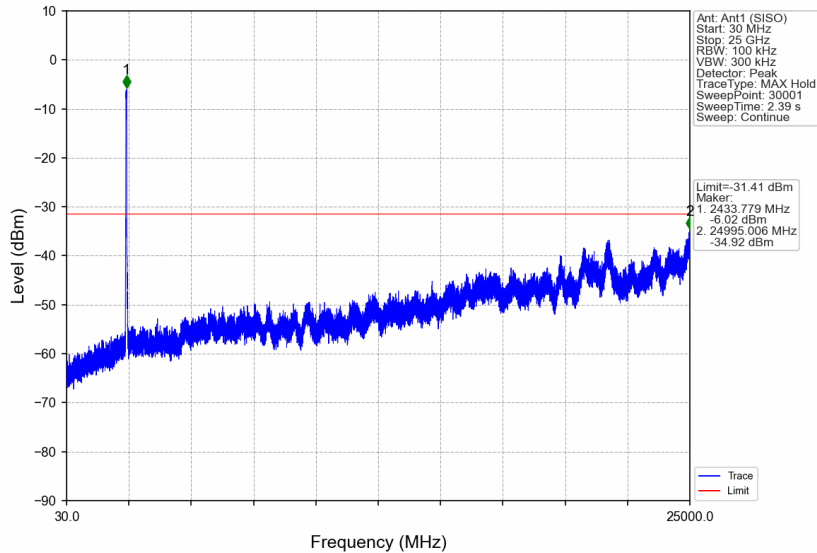
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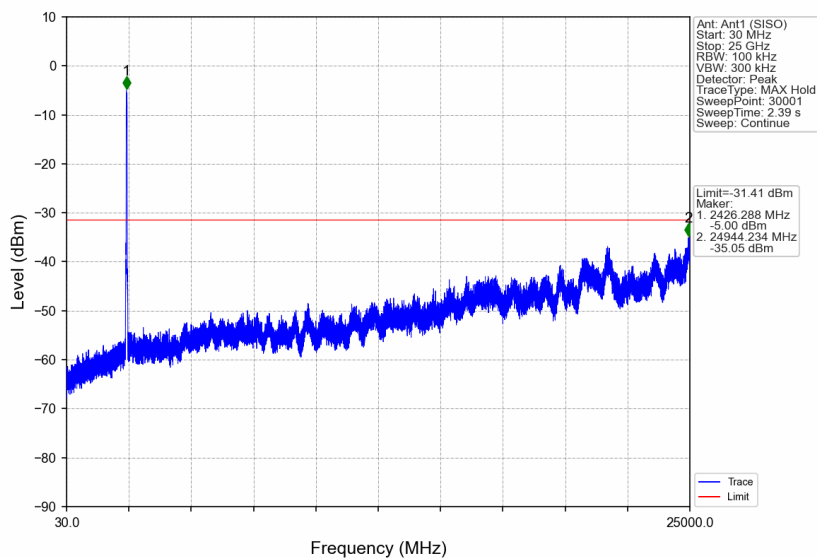
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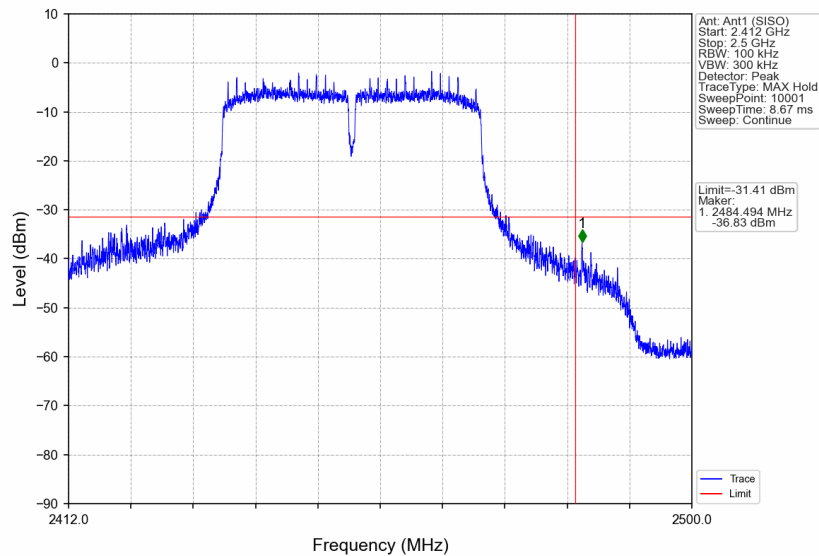
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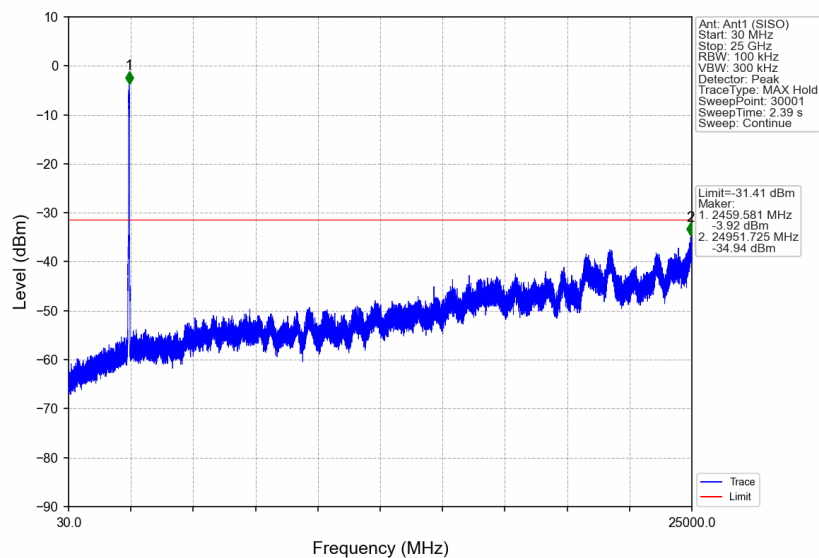
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