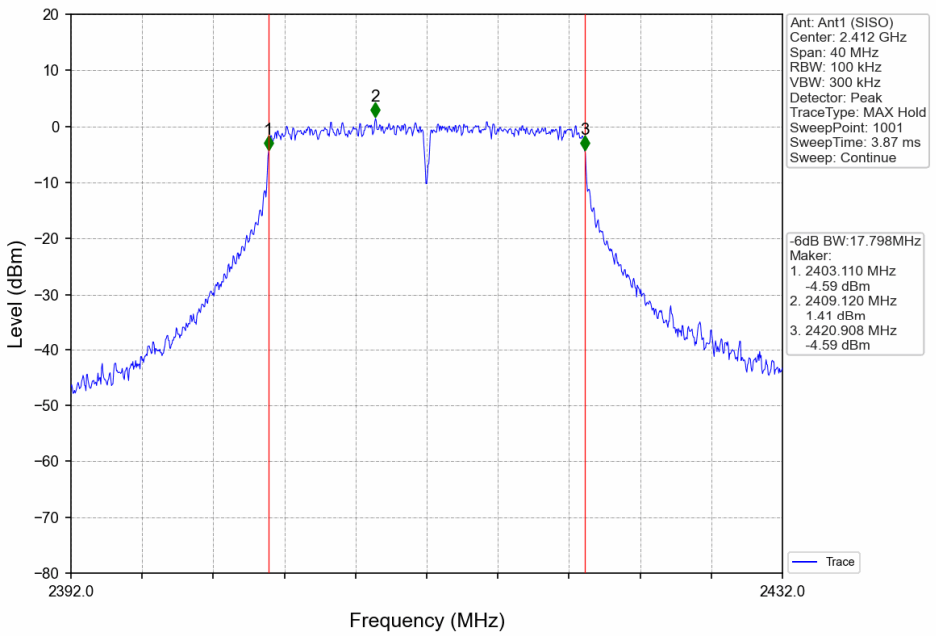
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



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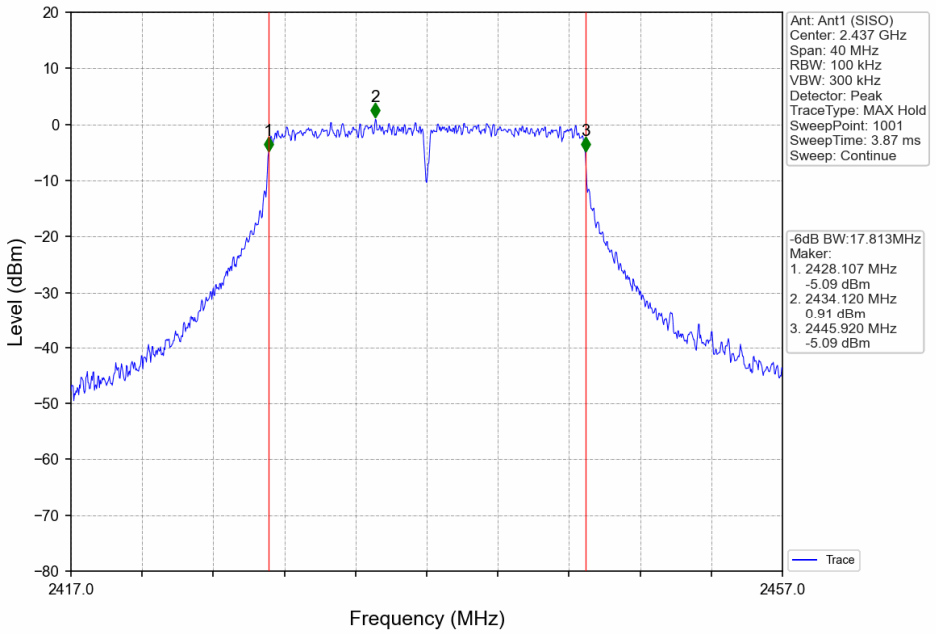

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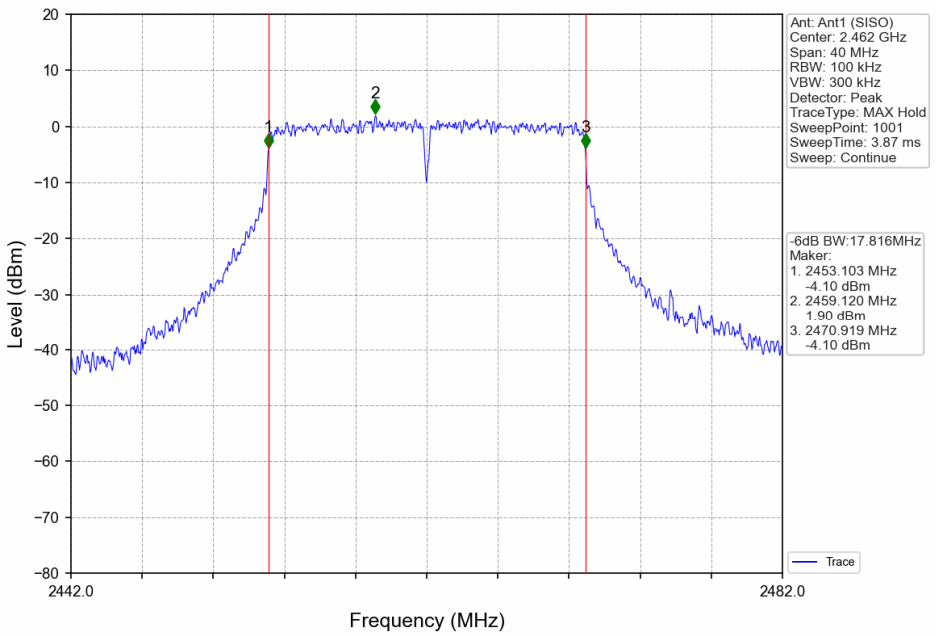
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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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	17.03	<=30	Pass
		2437	16.90	<=30	Pass
		2462	17.15	<=30	Pass
802.11g	SISO	2412	15.19	<=30	Pass
		2437	14.78	<=30	Pass
		2462	16.02	<=30	Pass
802.11n (HT20)	SISO	2412	15.13	<=30	Pass
		2437	14.73	<=30	Pass
		2462	15.94	<=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	-12.53	<=8	Pass
		2437	-12.58	<=8	Pass
		2462	-12.37	<=8	Pass
802.11g	SISO	2412	-13.10	<=8	Pass
		2437	-13.62	<=8	Pass
		2462	-12.13	<=8	Pass
802.11n (HT20)	SISO	2412	-13.05	<=8	Pass
		2437	-13.52	<=8	Pass
		2462	-12.24	<=8	Pass

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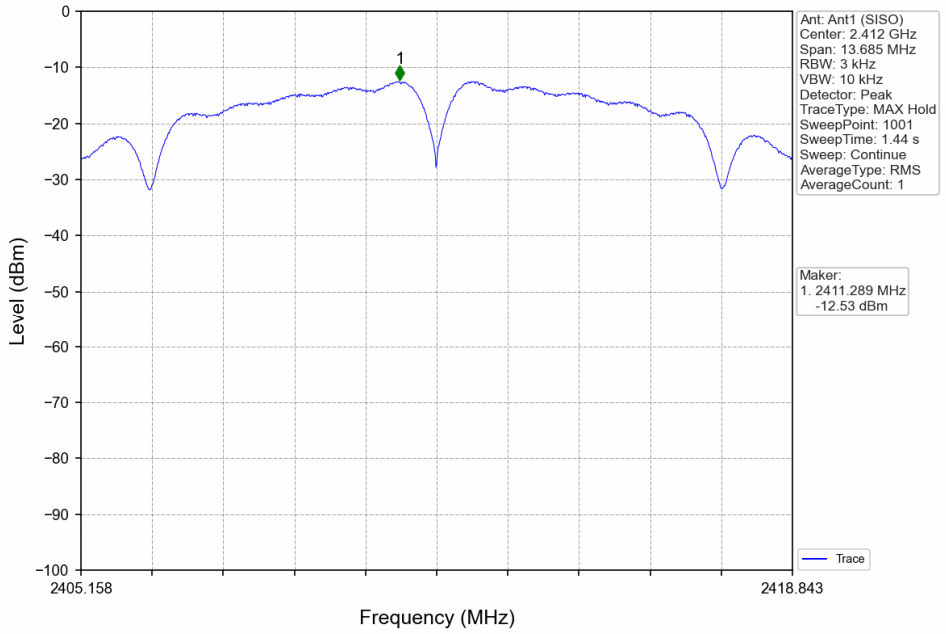
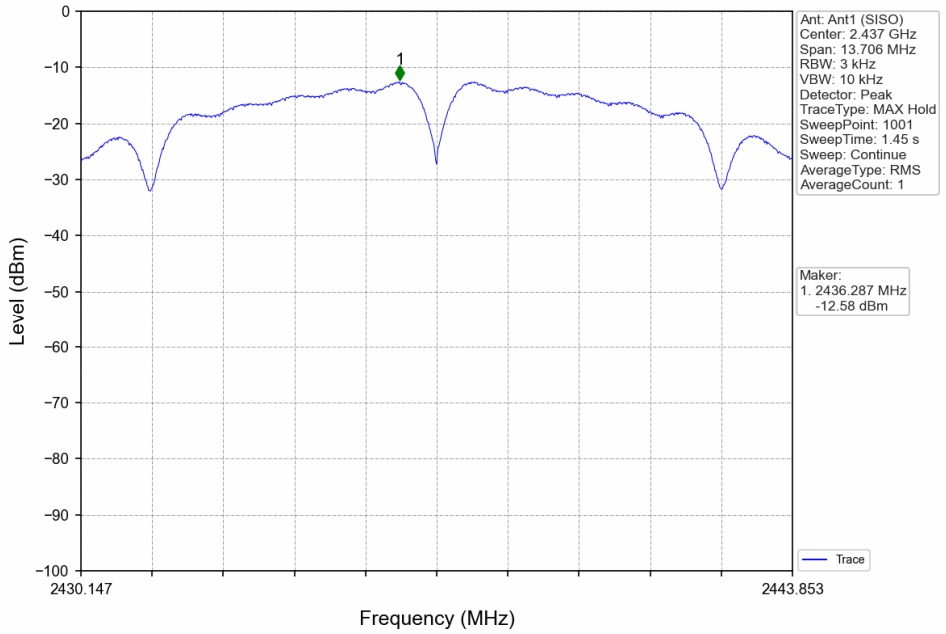
4.1.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



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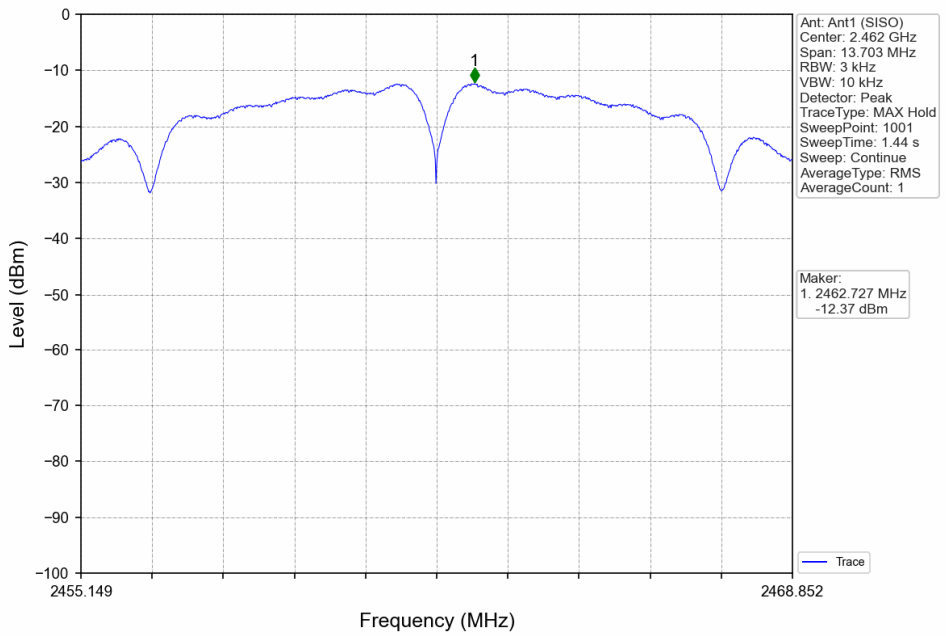
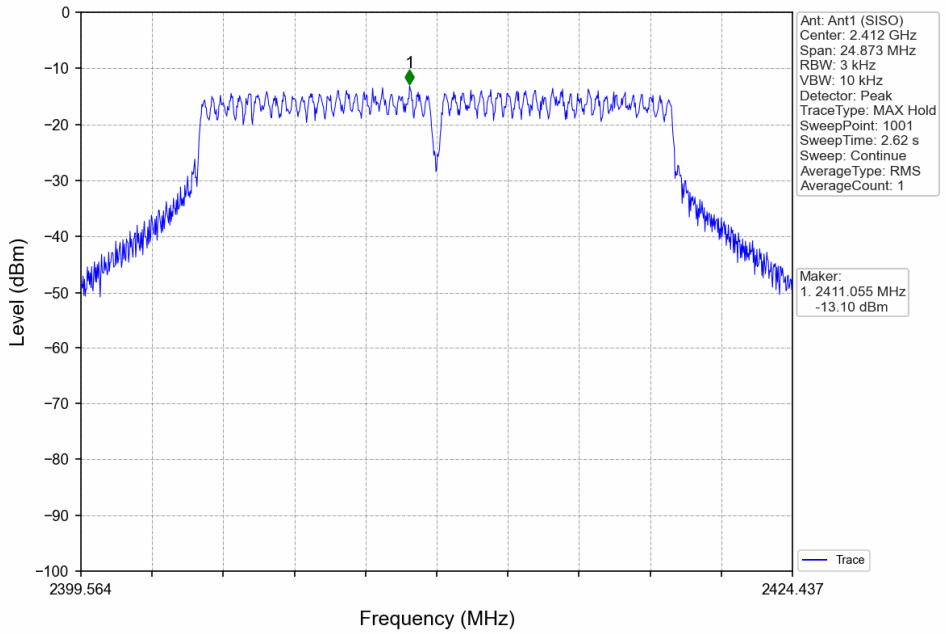
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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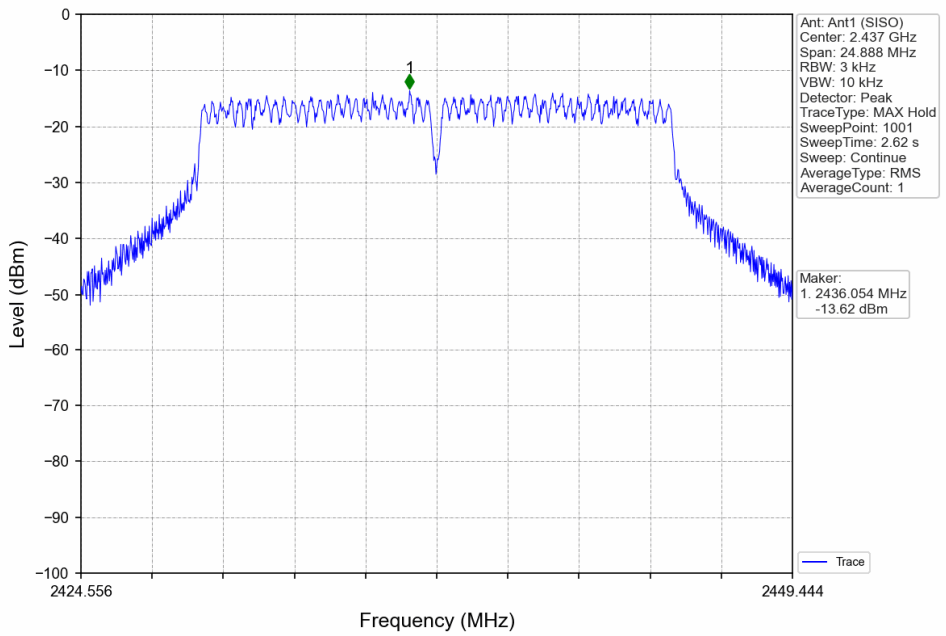
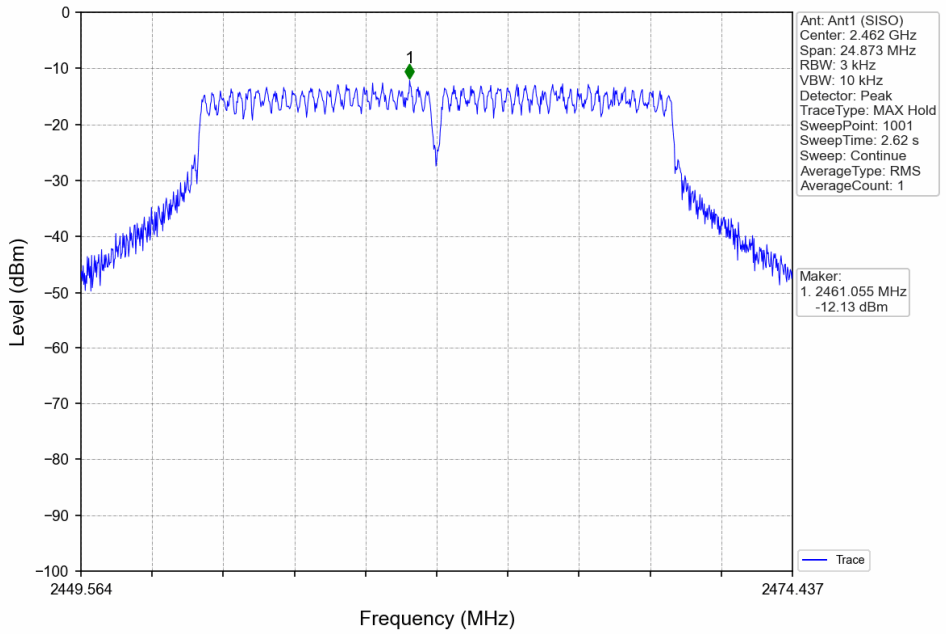
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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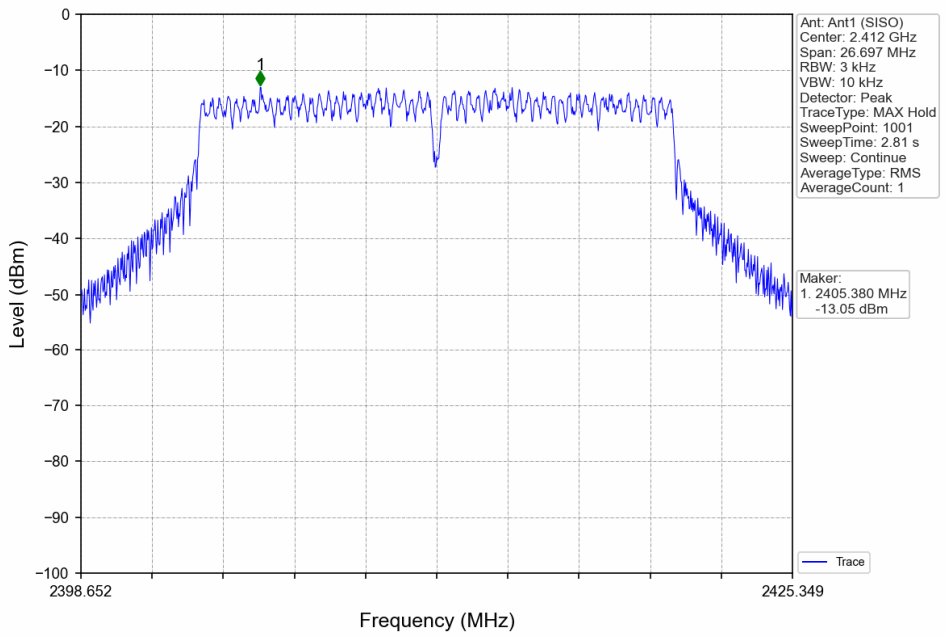

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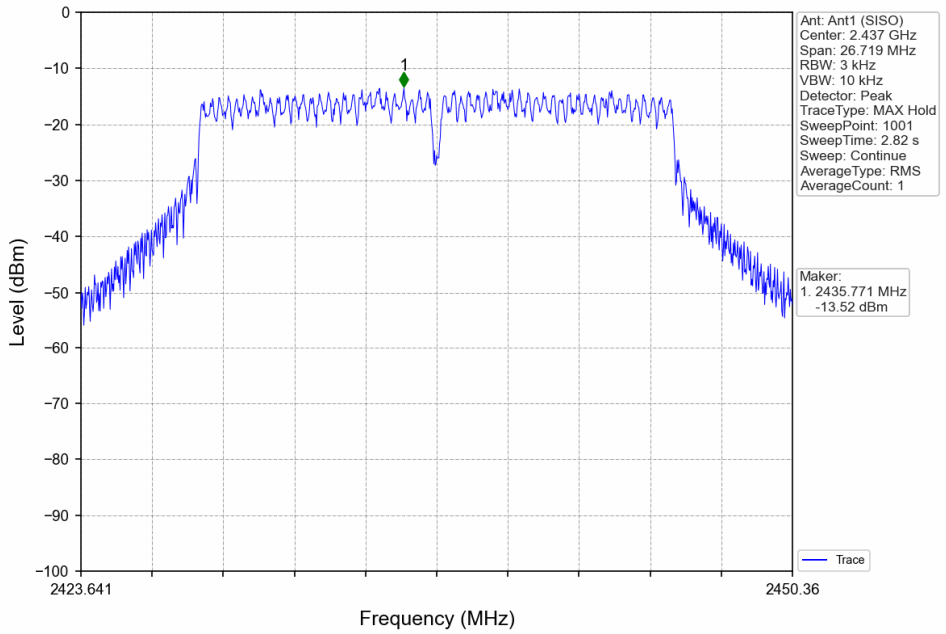

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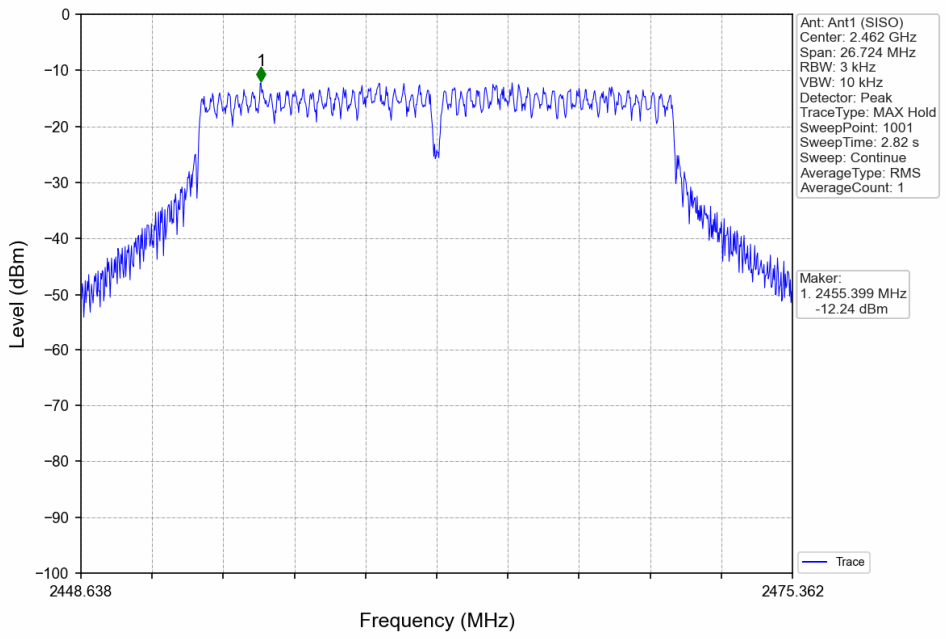

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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
802.11b	SISO	2412	1	7.59
		2437	1	7.45
		2462	1	7.87
802.11g	SISO	2412	1	0.92
		2437	1	0.52
		2462	1	1.77
802.11n (HT20)	SISO	2412	1	1.29
		2437	1	0.84
		2462	1	2.06

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5.1.2 Test Graph

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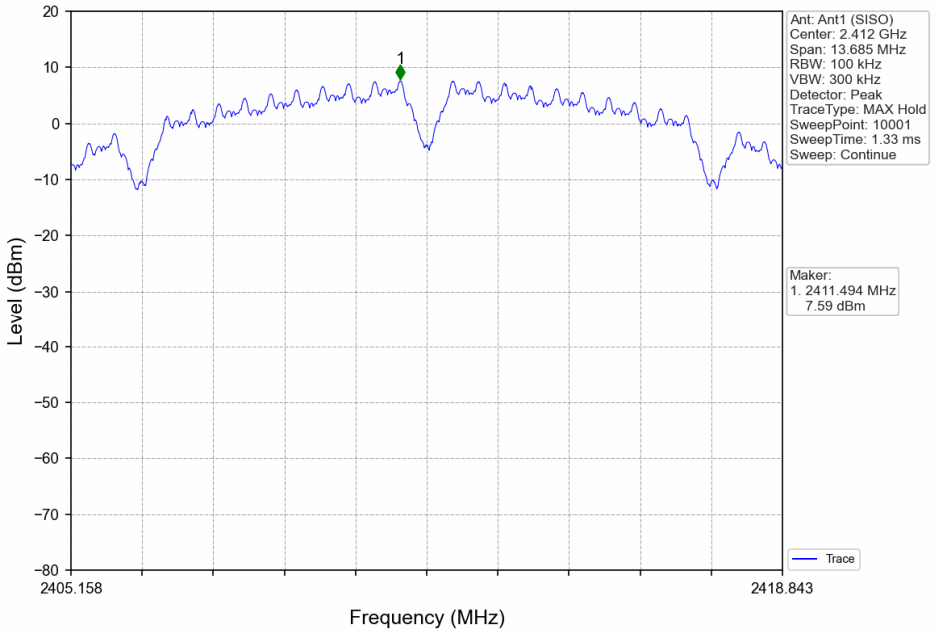

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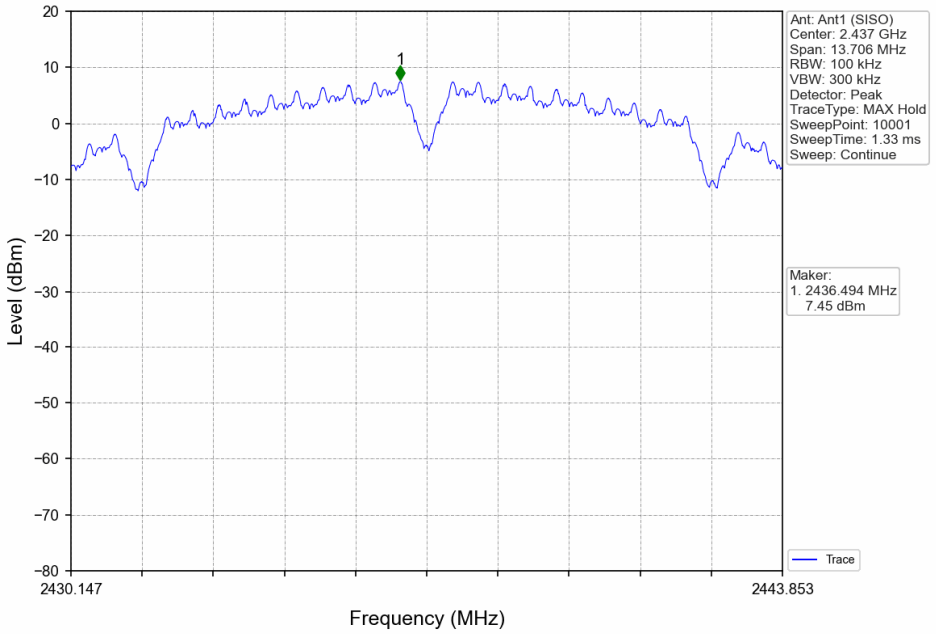

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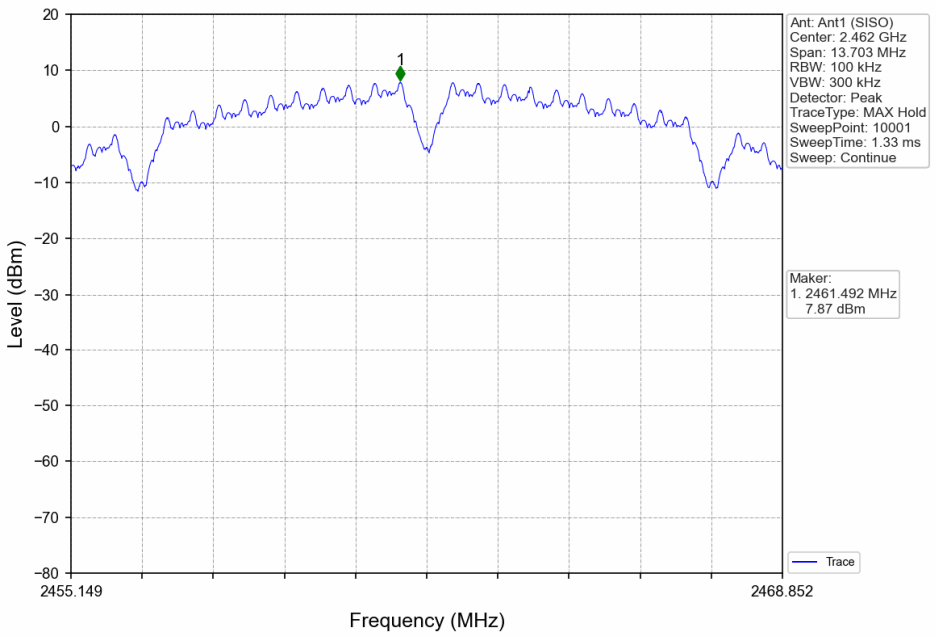
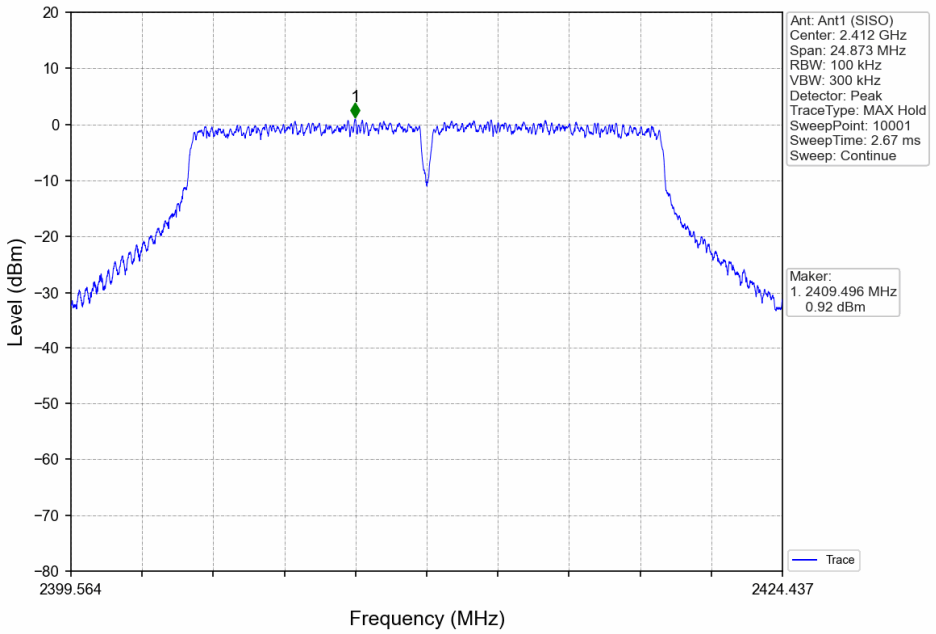


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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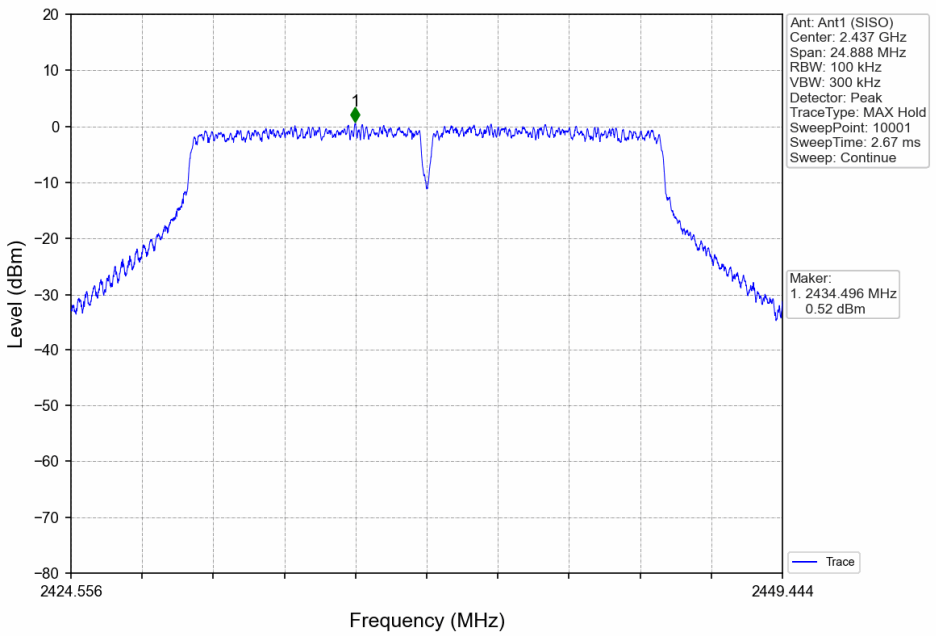
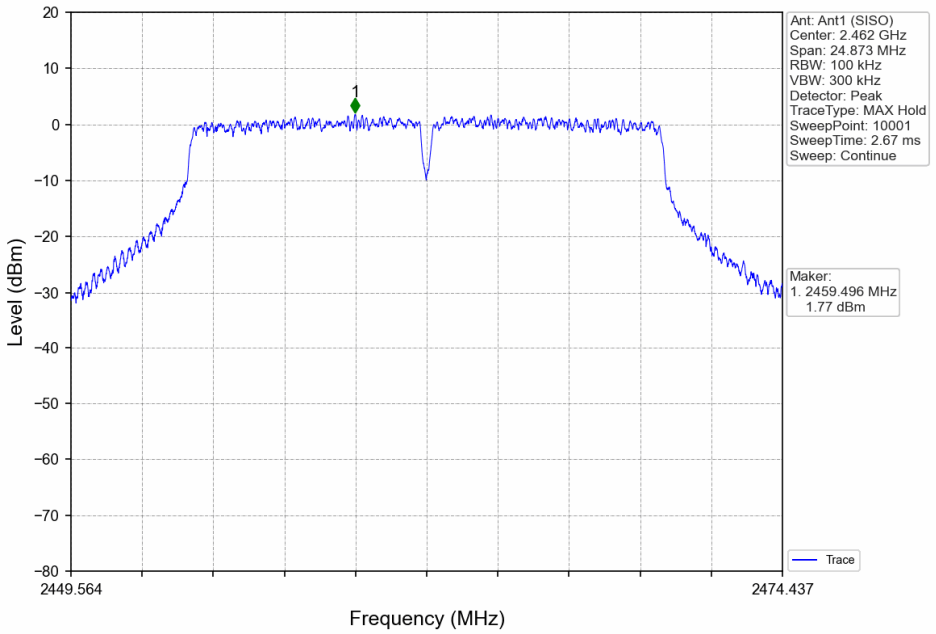
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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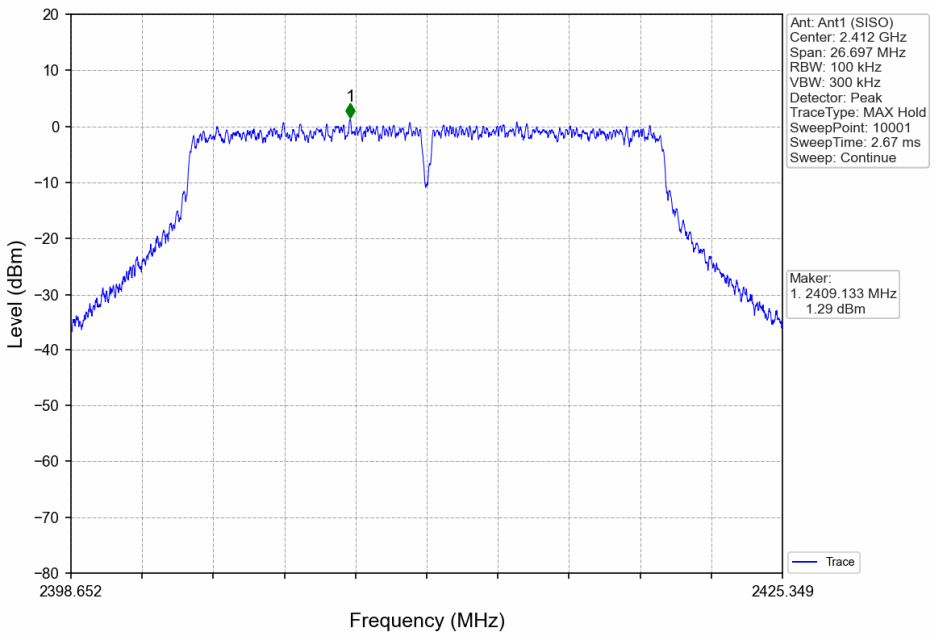
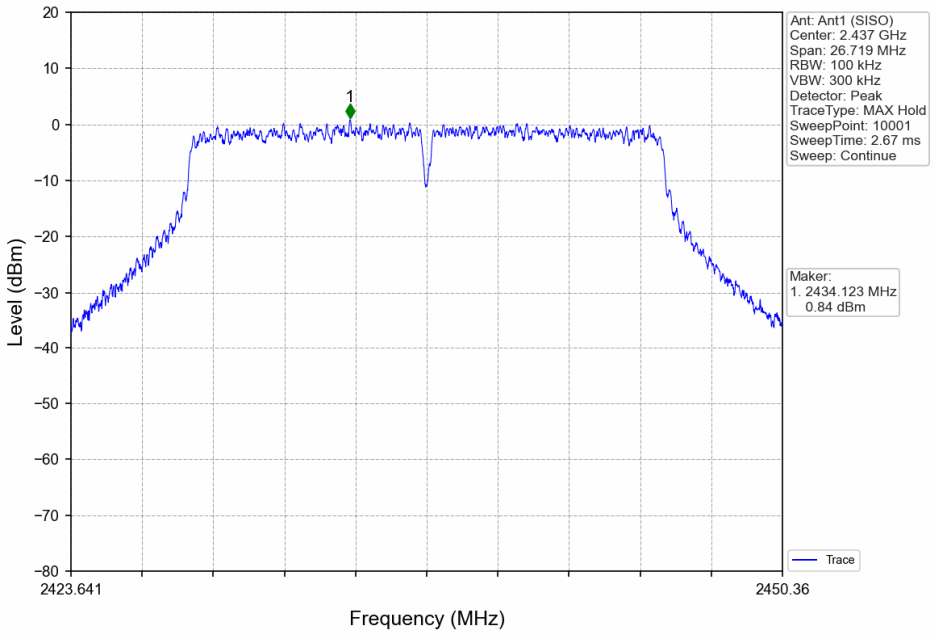
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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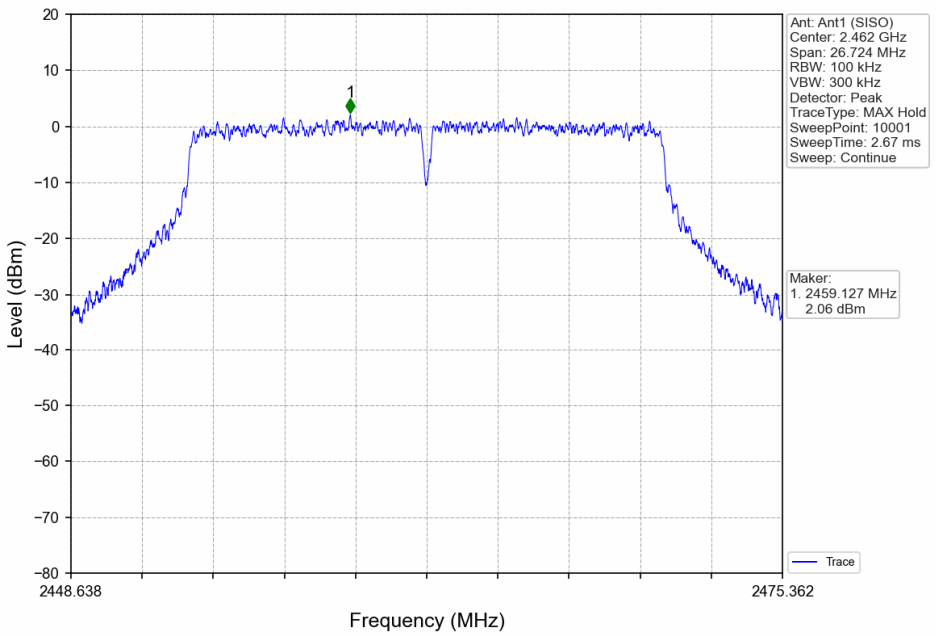
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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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	7.87	-22.13	Pass
		2437	1	7.87	-22.13	Pass
		2462	1	7.87	-22.13	Pass
802.11g	SISO	2412	1	1.77	-28.23	Pass
		2437	1	1.77	-28.23	Pass
		2462	1	1.77	-28.23	Pass
802.11n (HT20)	SISO	2412	1	2.06	-27.94	Pass
		2437	1	2.06	-27.94	Pass
		2462	1	2.06	-27.94	Pass

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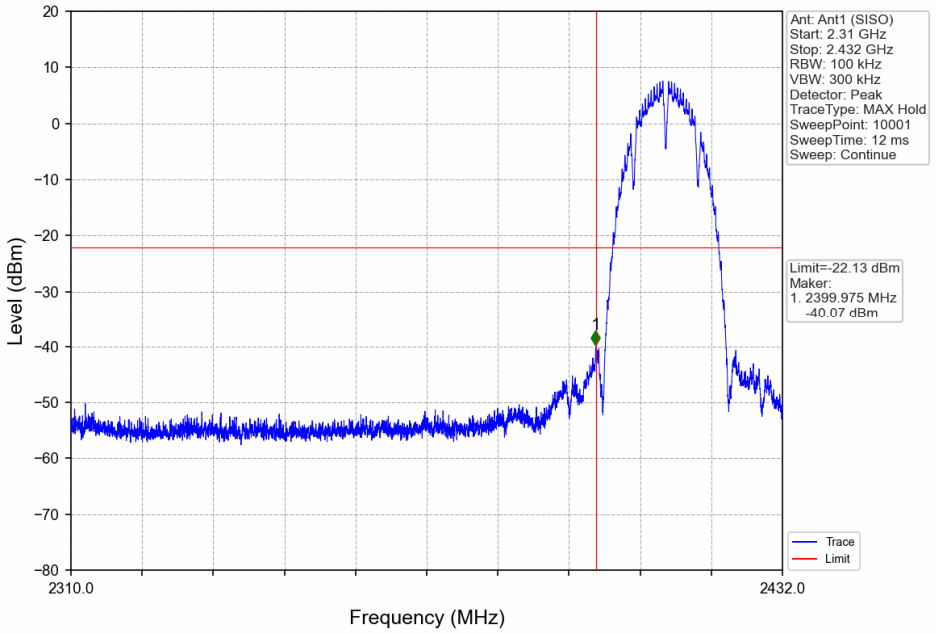
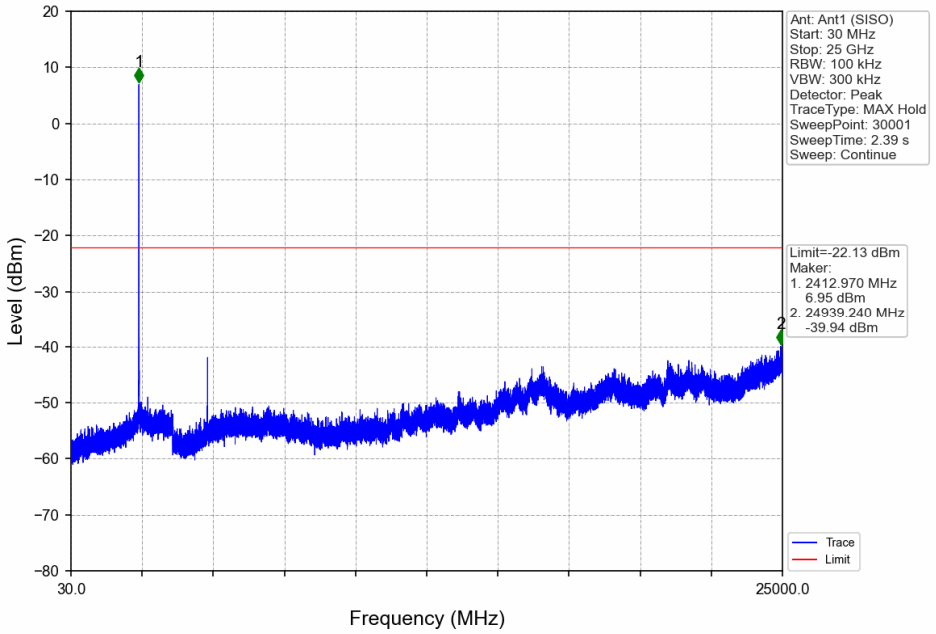
5.2.2 Test Graph

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



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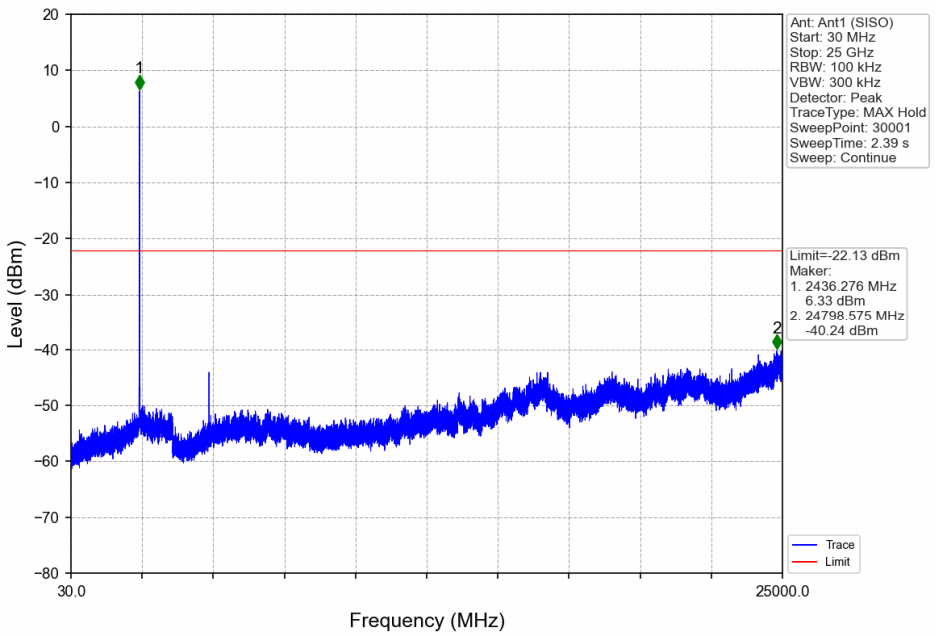
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



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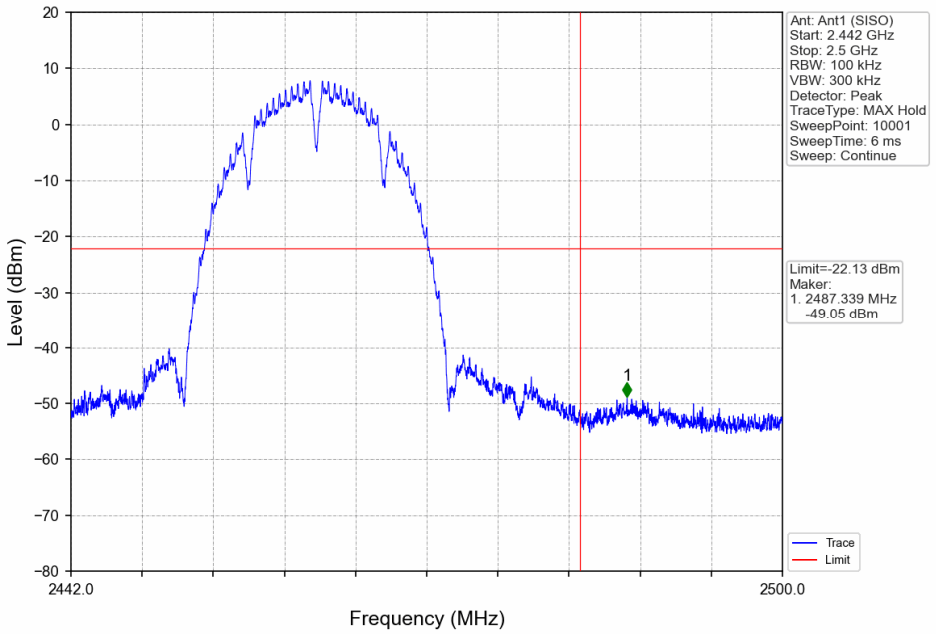

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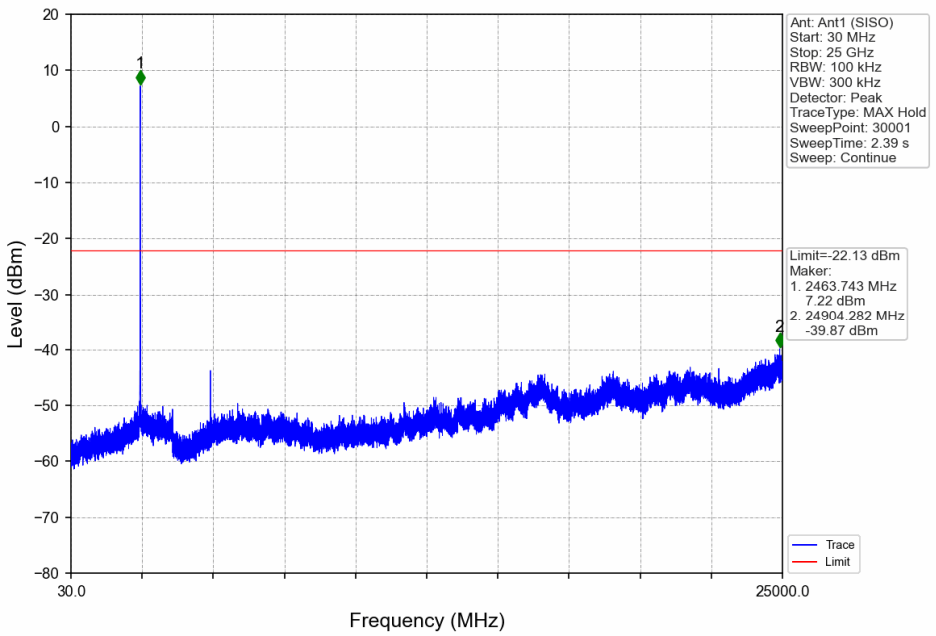

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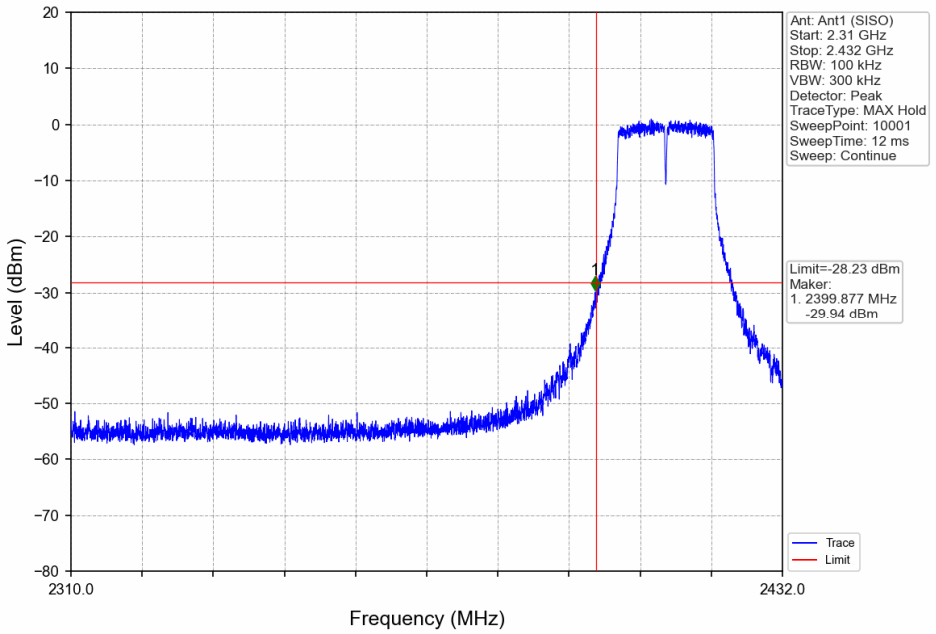

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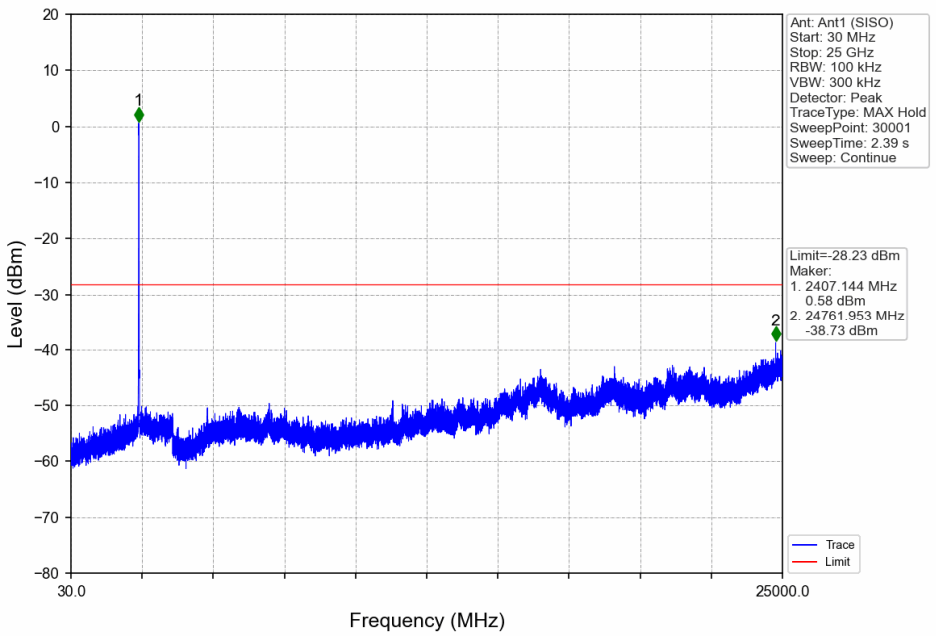
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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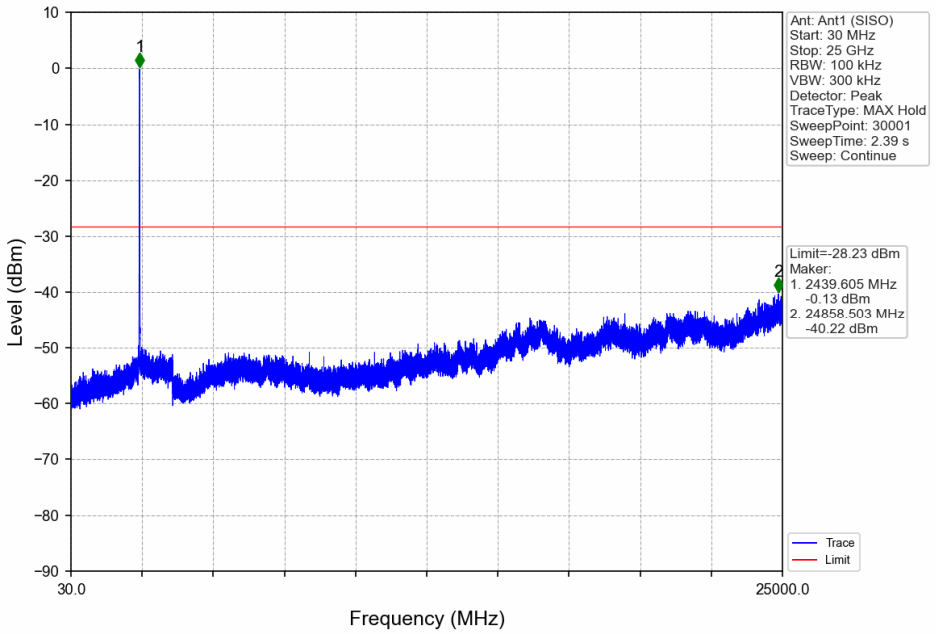

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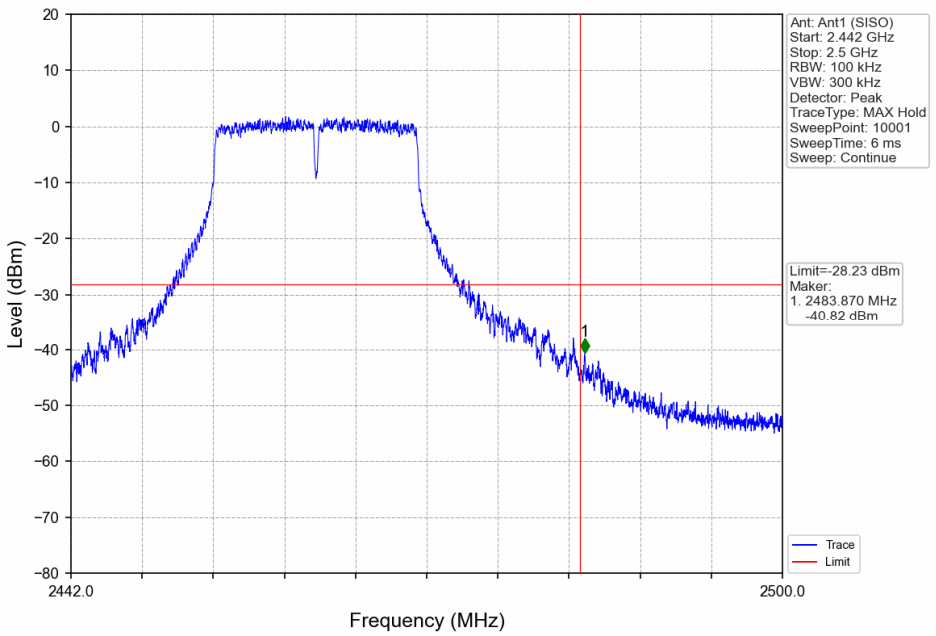

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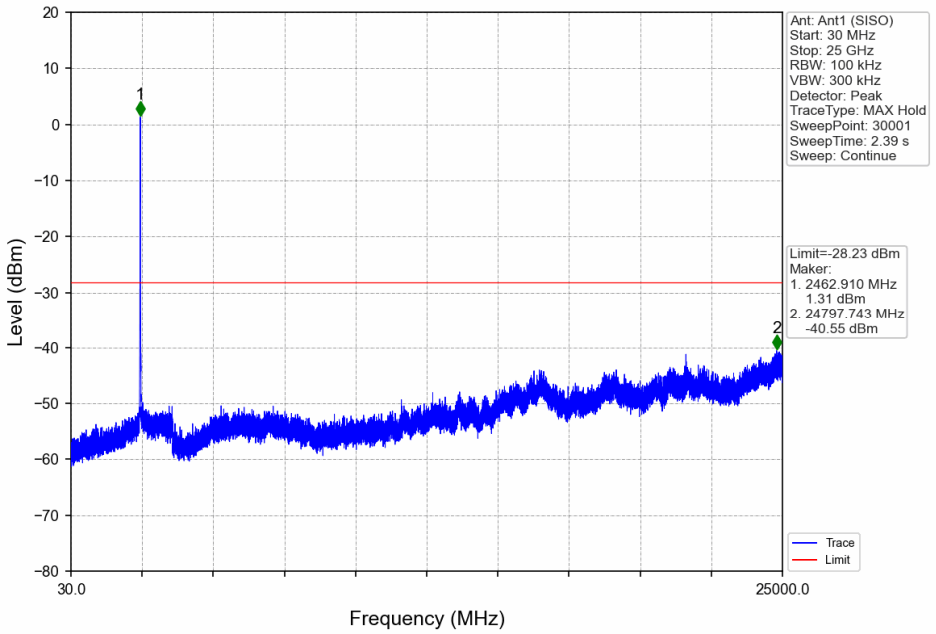

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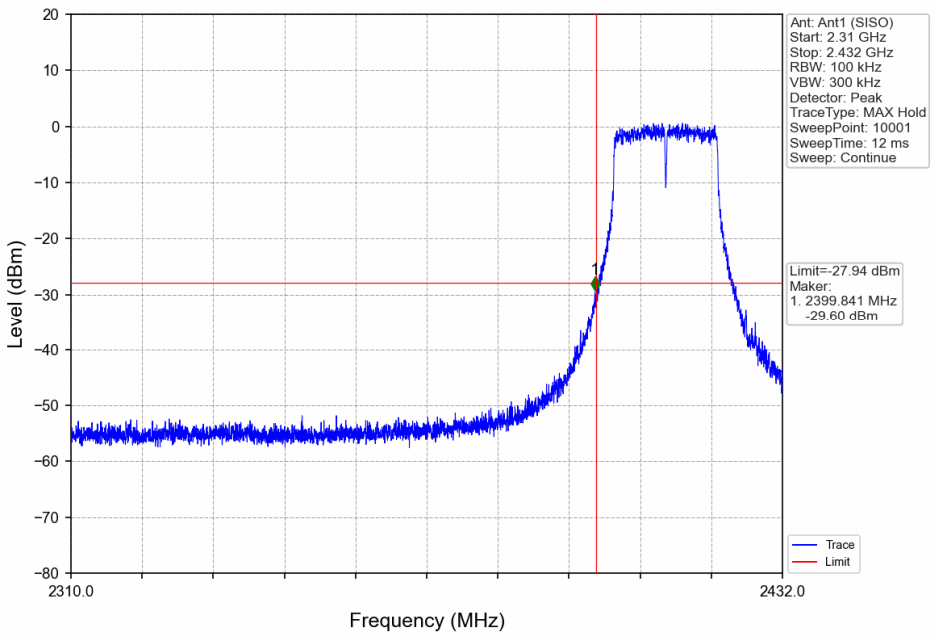

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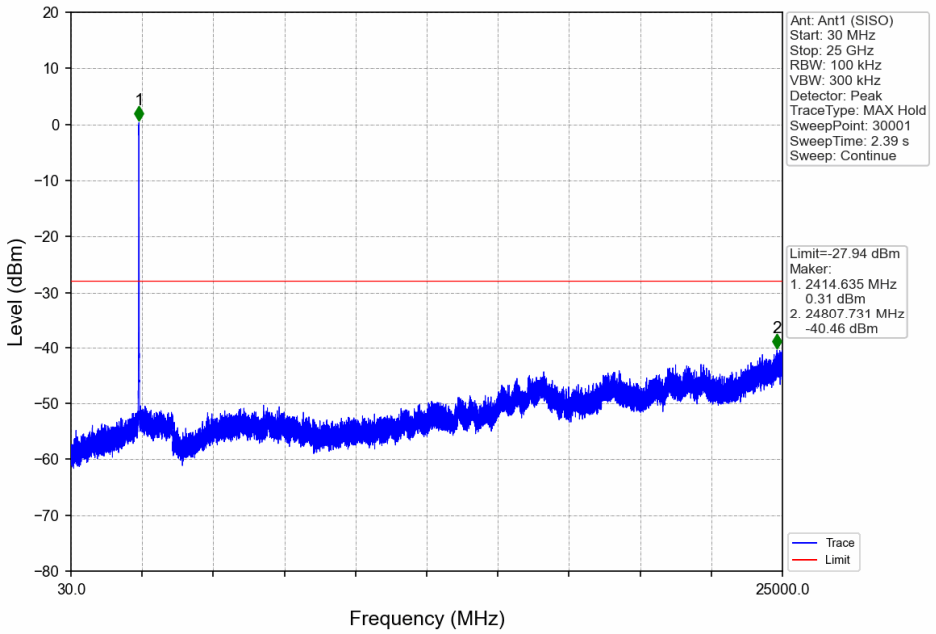

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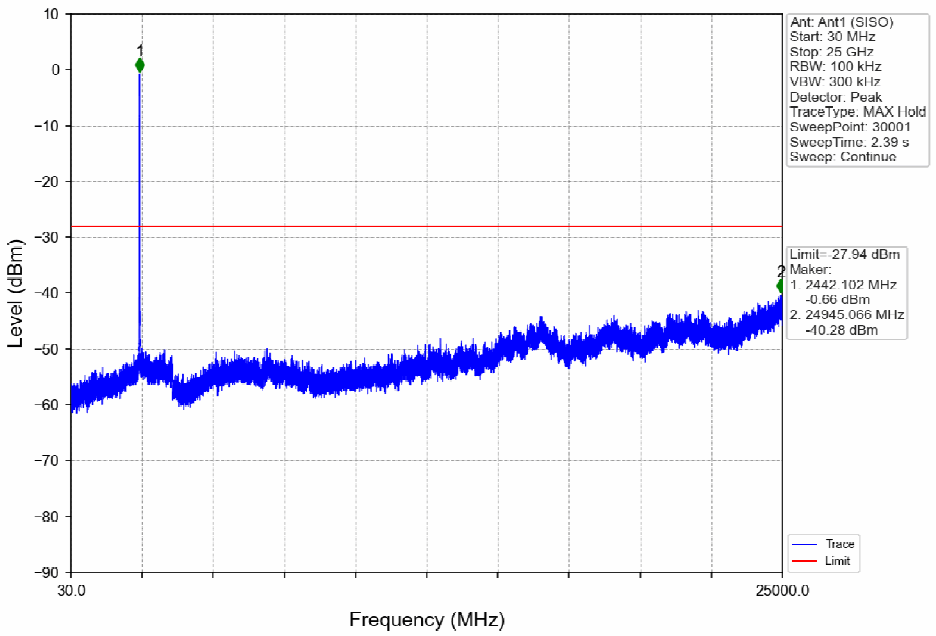
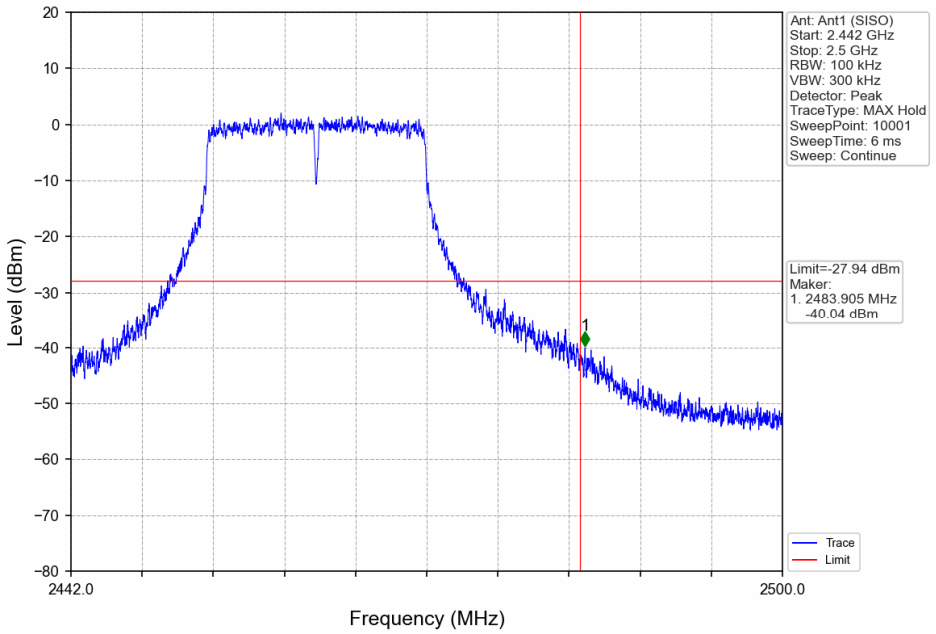
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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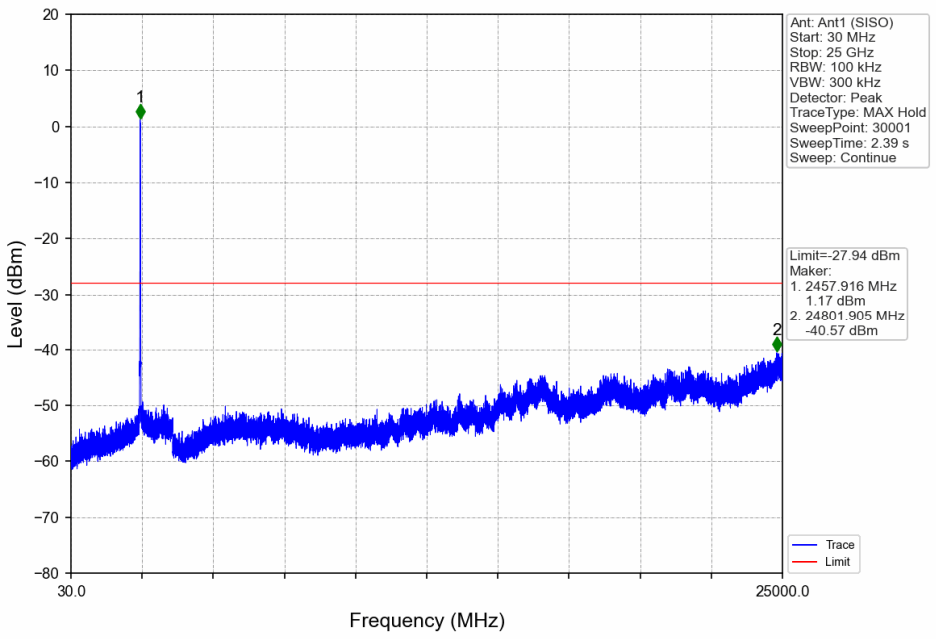
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq	High Freq	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0519	17.15

- End of the Report -

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