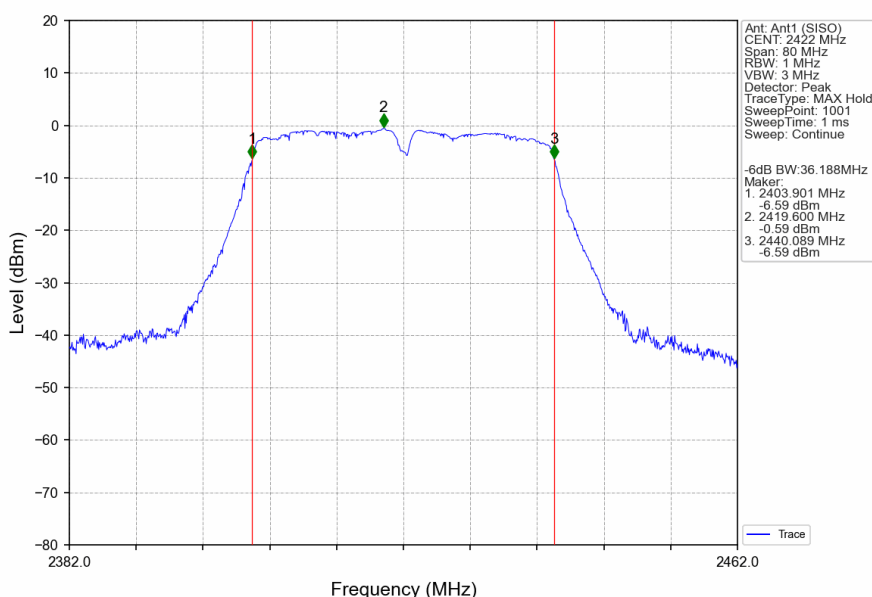
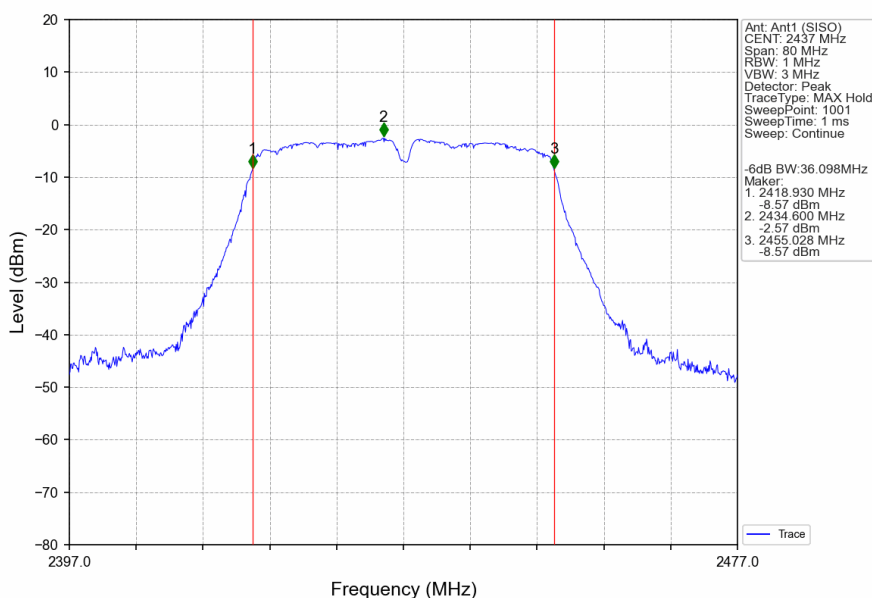


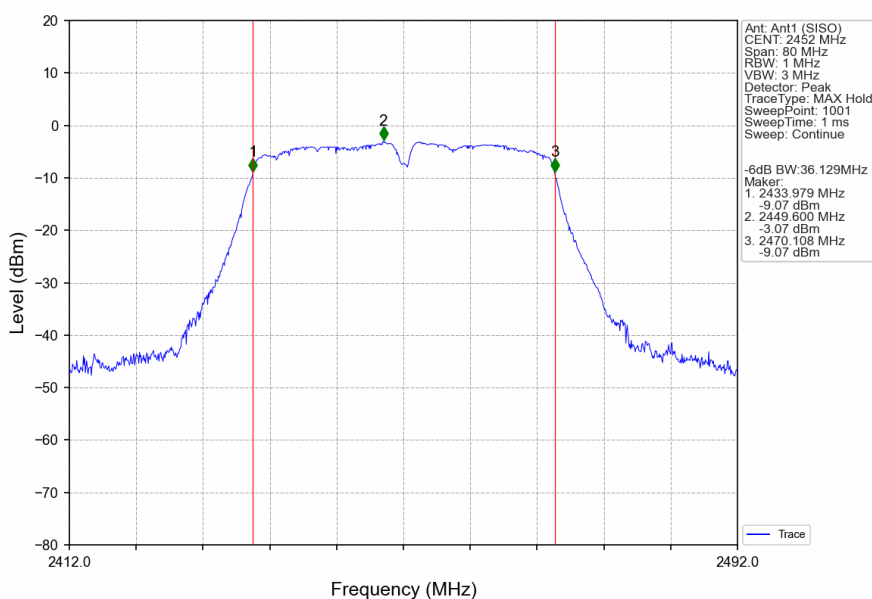
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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 Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	11.52	<=30	Pass
		2437	8.08	<=30	Pass
		2462	7.79	<=30	Pass
802.11n (HT20)	SISO	2412	15.04	<=30	Pass
		2437	11.59	<=30	Pass
		2462	11.30	<=30	Pass
802.11n (HT40)	SISO	2422	13.33	<=30	Pass
		2437	11.24	<=30	Pass
		2452	10.78	<=30	Pass



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4. Maximum Power Spectral Density

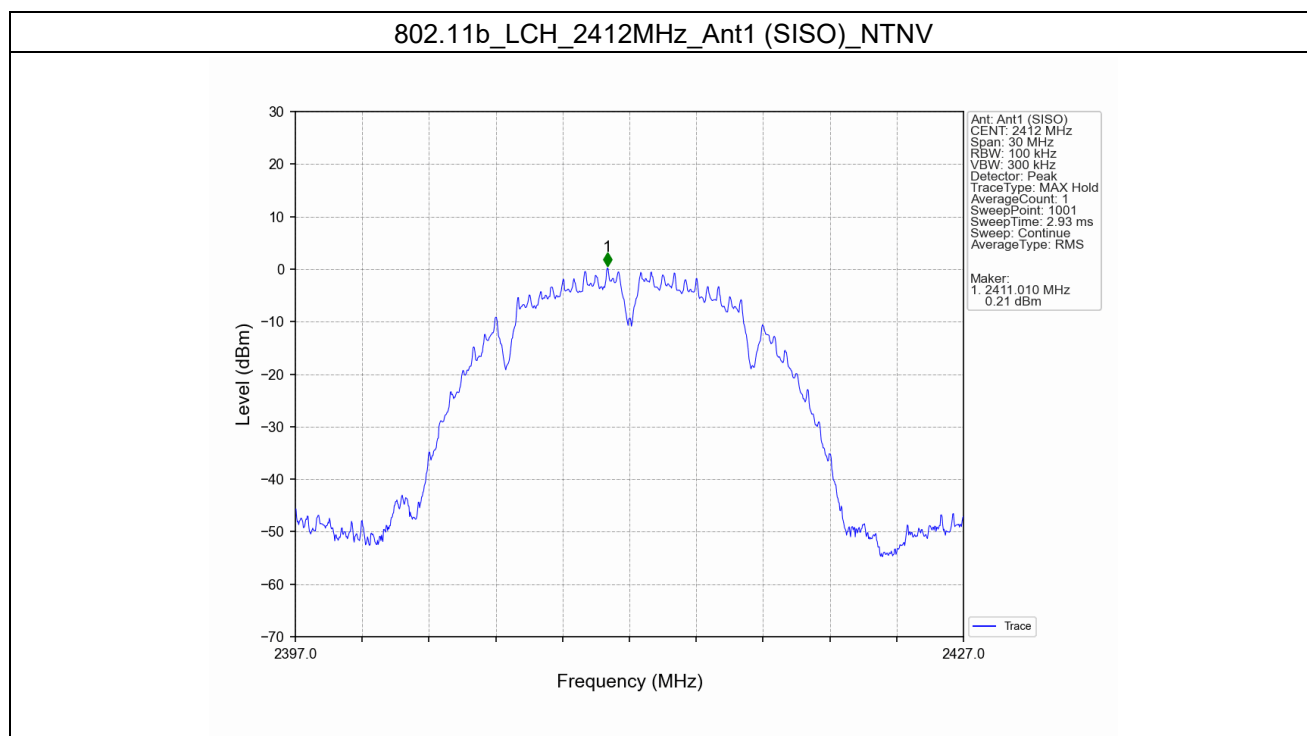
4.1 Test Result

4.1.1 PSD

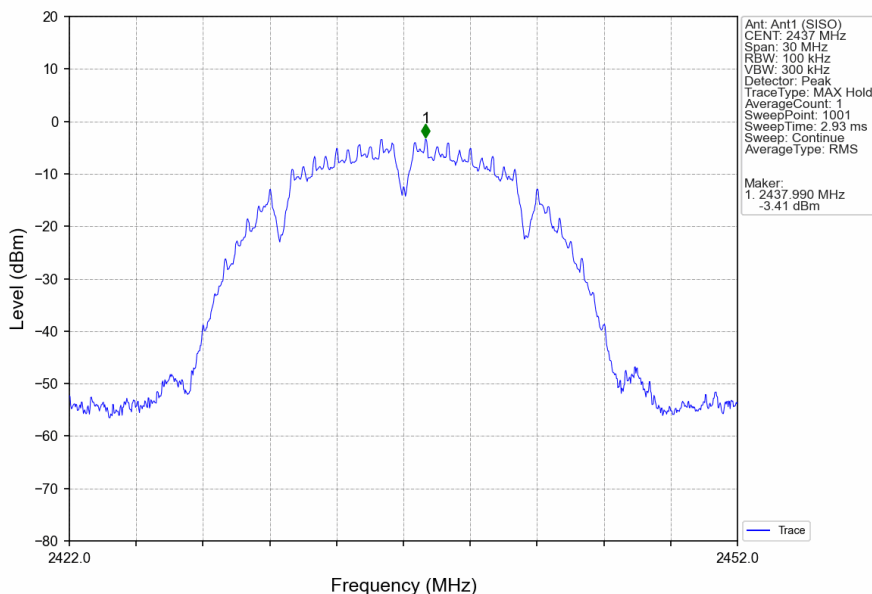
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	0.21dBm/100kHz	<=8	Pass
		2437	-3.41dBm/100kHz	<=8	Pass
		2462	-3.65dBm/100kHz	<=8	Pass
802.11n (HT20)	SISO	2412	-3.21dBm/100kHz	<=8	Pass
		2437	-6.62dBm/100kHz	<=8	Pass
		2462	-6.91dBm/100kHz	<=8	Pass
802.11n (HT40)	SISO	2422	-8.05dBm/100kHz	<=8	Pass
		2437	-10.07dBm/100kHz	<=8	Pass
		2452	-10.45dBm/100kHz	<=8	Pass

4.2 Test Graph

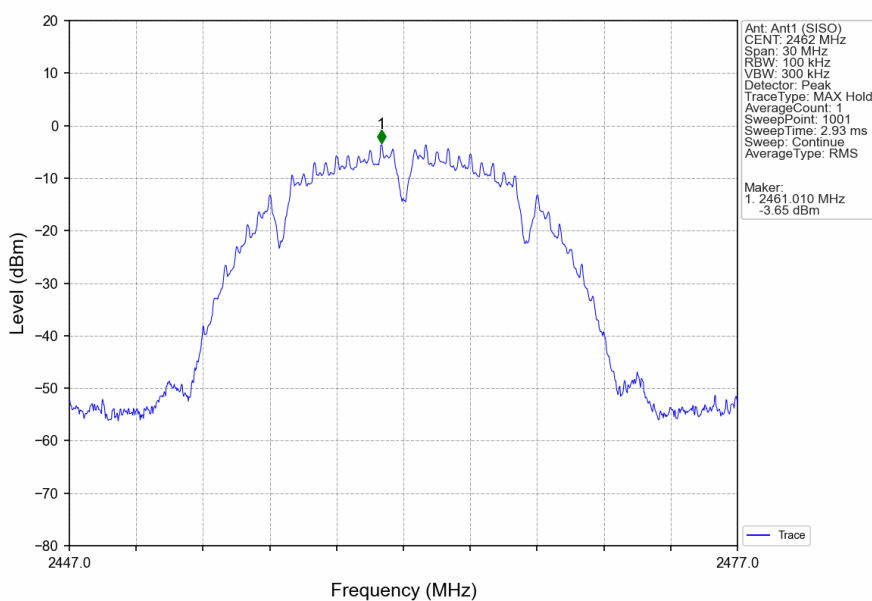
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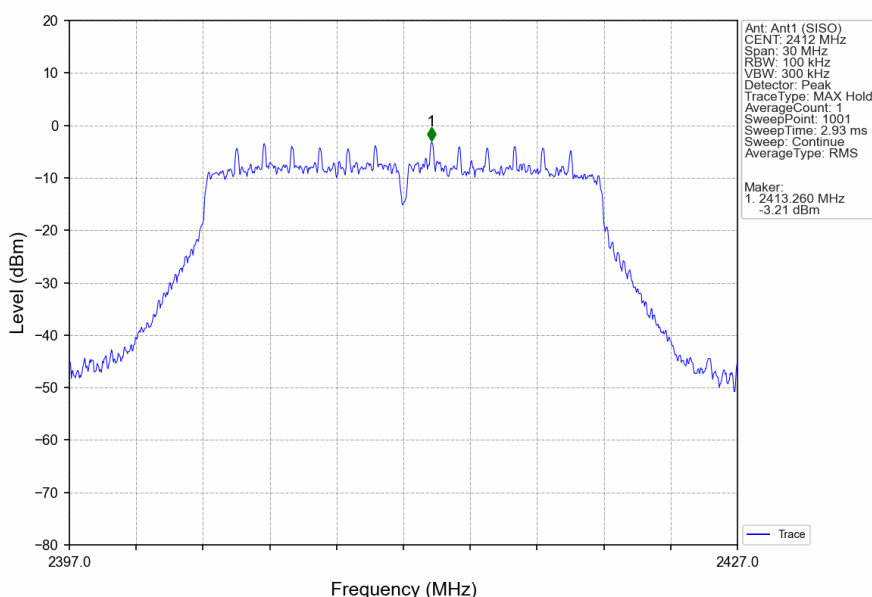
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



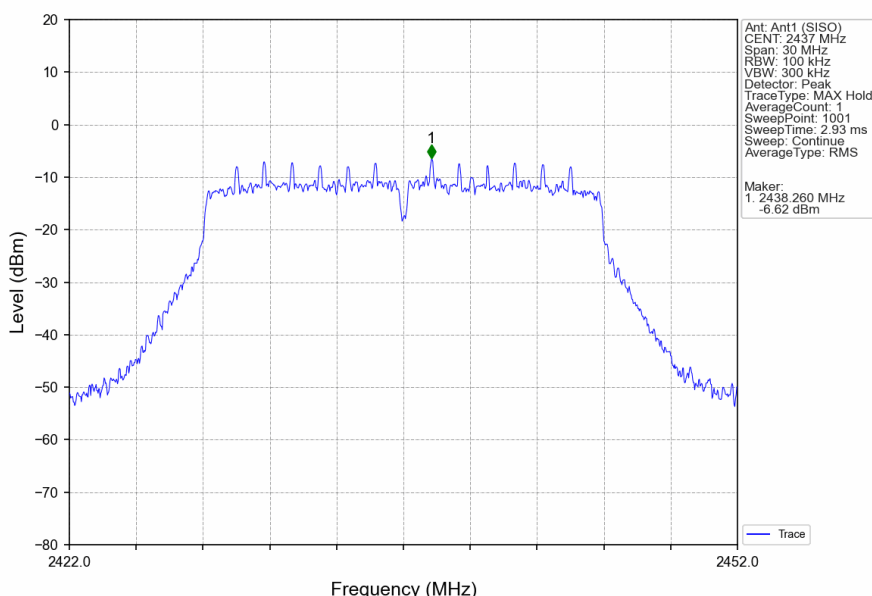
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



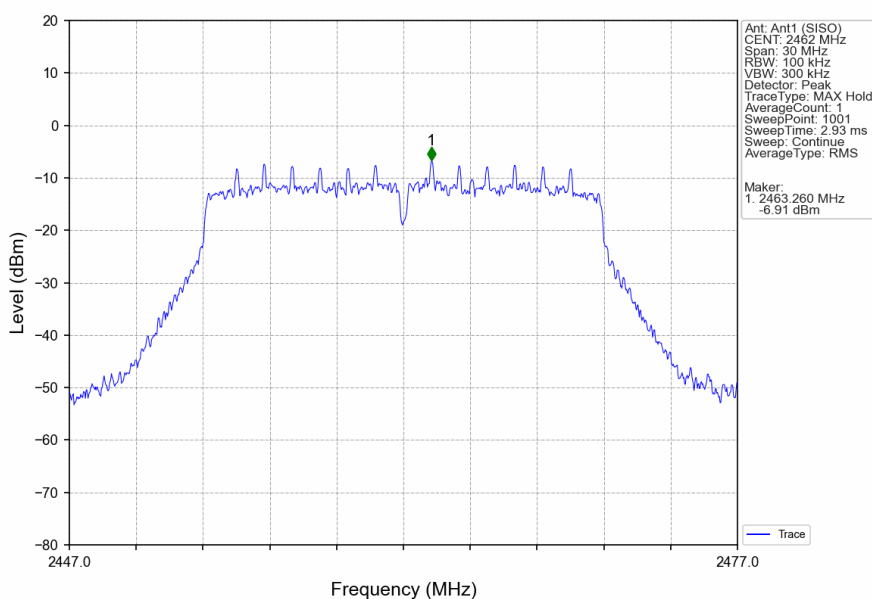
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



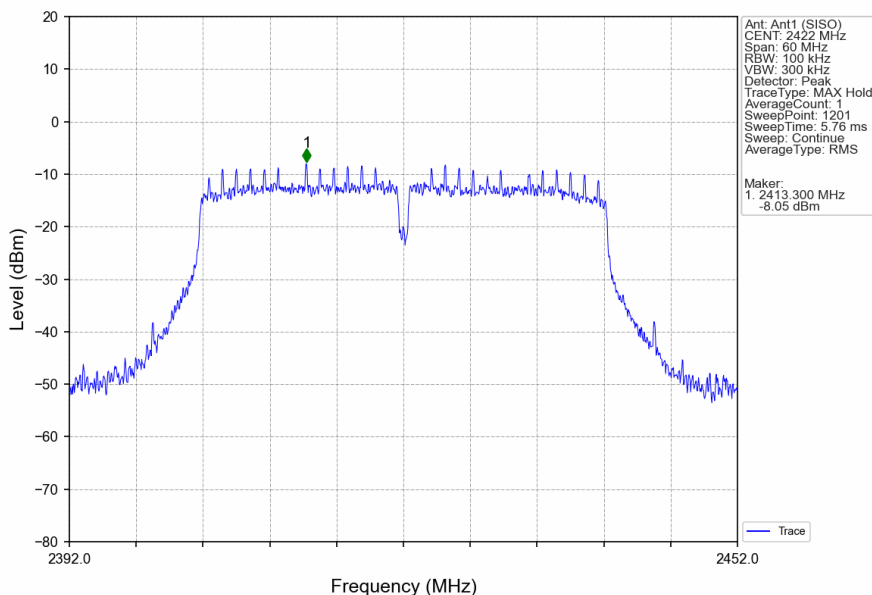
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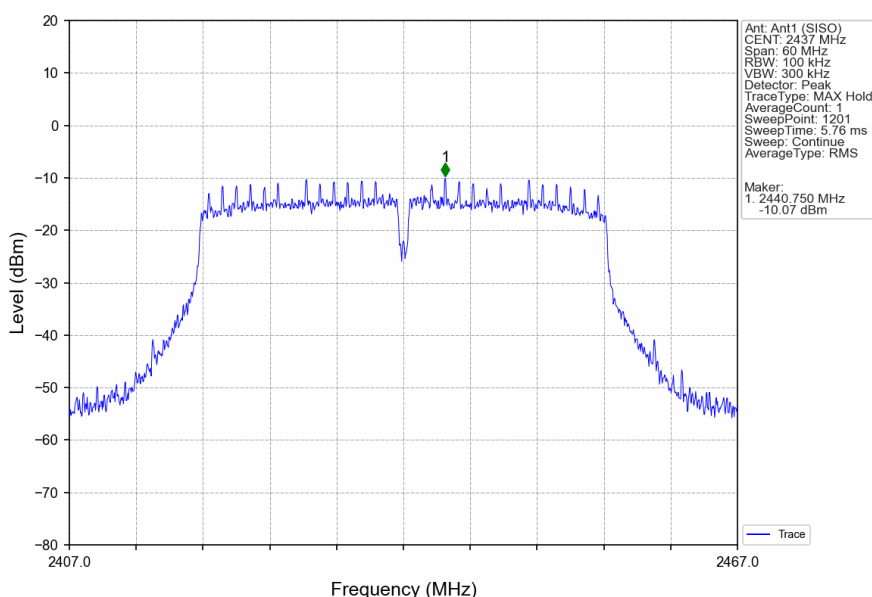
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



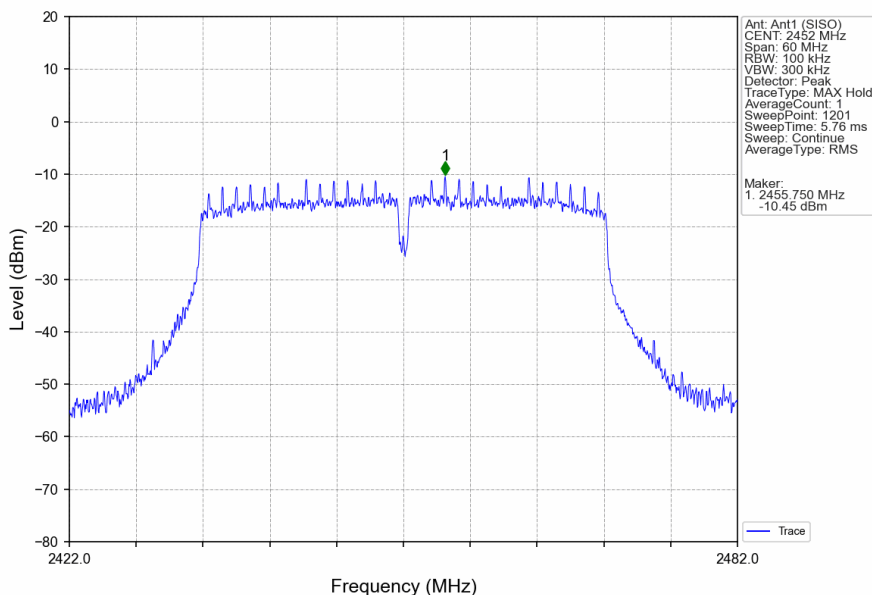
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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	0.31
		2437	1	-3.74
		2462	1	-3.61
802.11n (HT20)	SISO	2412	1	-3.21
		2437	1	-6.61
		2462	1	-7.06
802.11n (HT40)	SISO	2422	1	-8.12
		2437	1	-10.14
		2452	1	-10.45

5.1.2 CSE and Band Edge

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	0.31	-19.69	Pass
		2437	1	0.31	-19.69	Pass
		2462	1	0.31	-19.69	Pass
802.11n (HT20)	SISO	2412	1	-3.21	-23.21	Pass
		2437	1	-3.21	-23.21	Pass
		2462	1	-3.21	-23.21	Pass
802.11n (HT40)	SISO	2422	1	-8.12	-28.12	Pass
		2437	1	-8.12	-28.12	Pass
		2452	1	-8.12	-28.12	Pass



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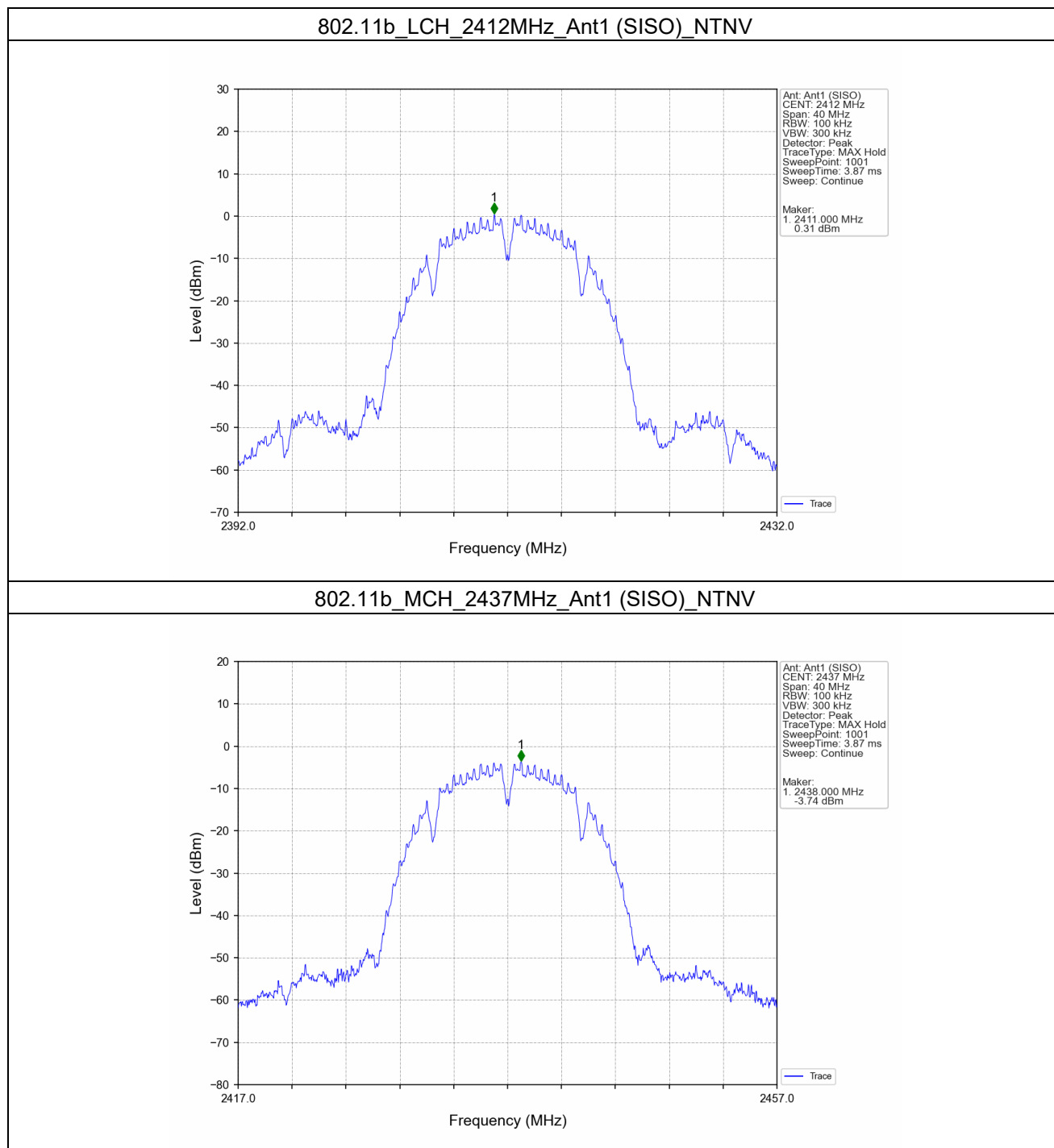
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5.2 Test Graph

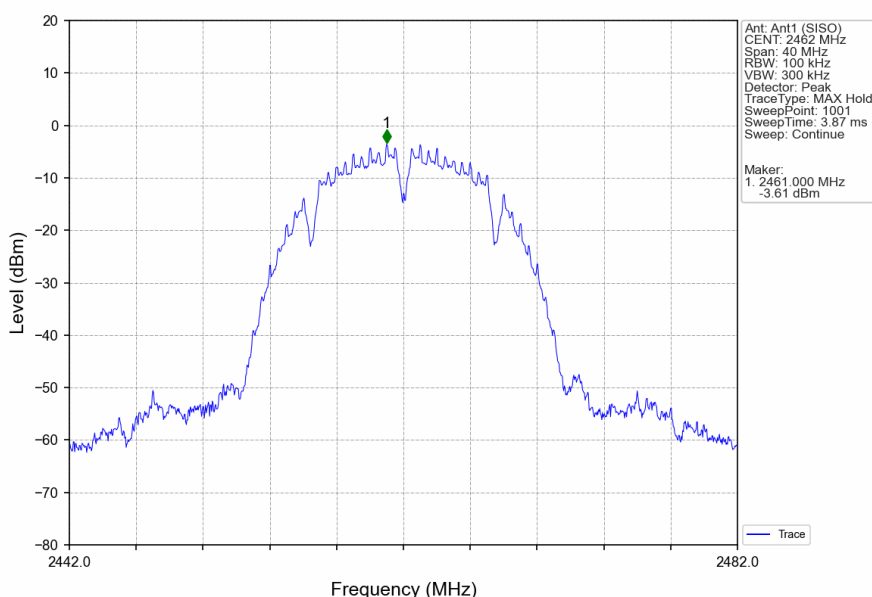
5.2.1 Ref



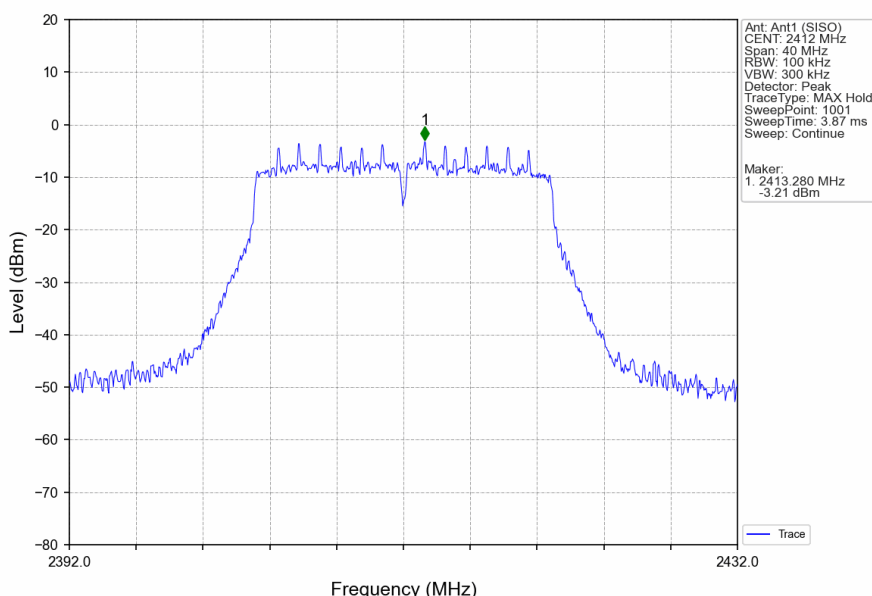
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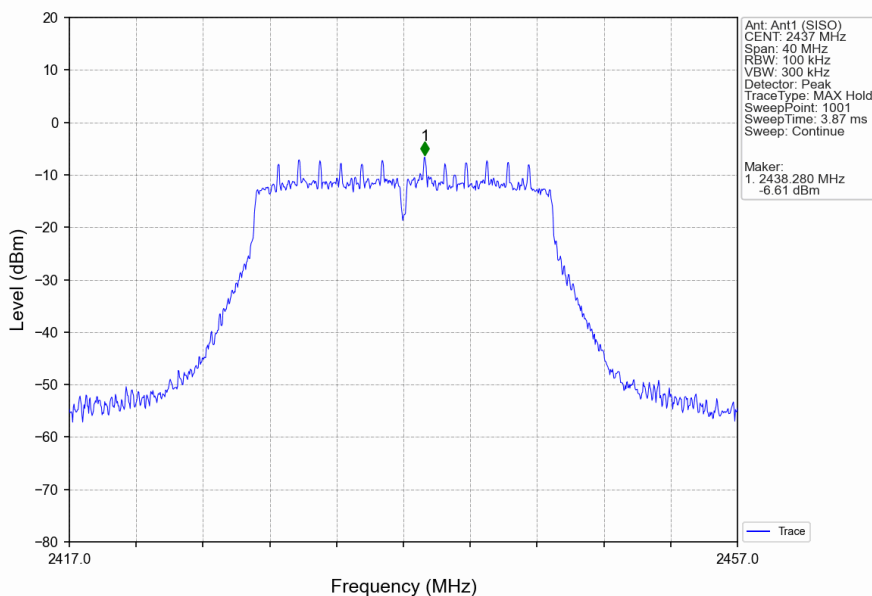
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



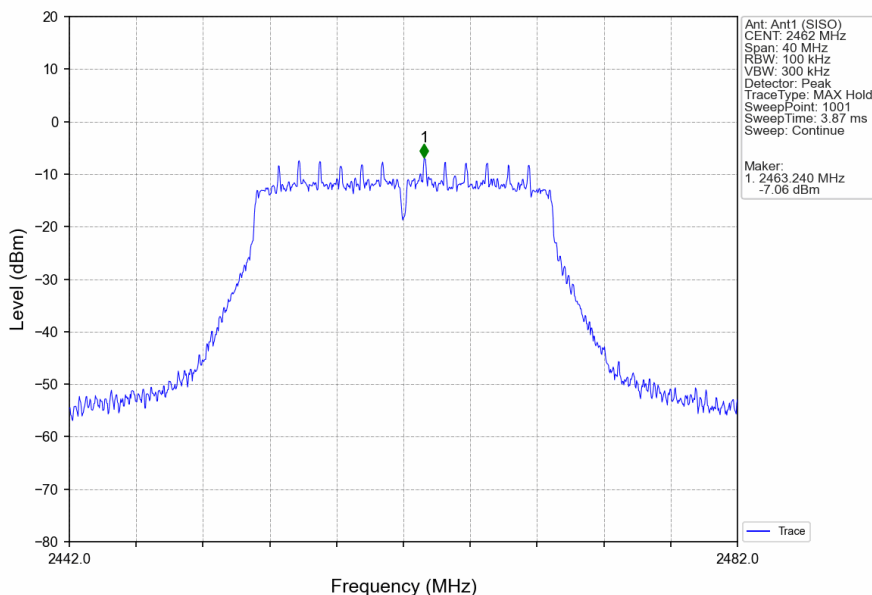
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



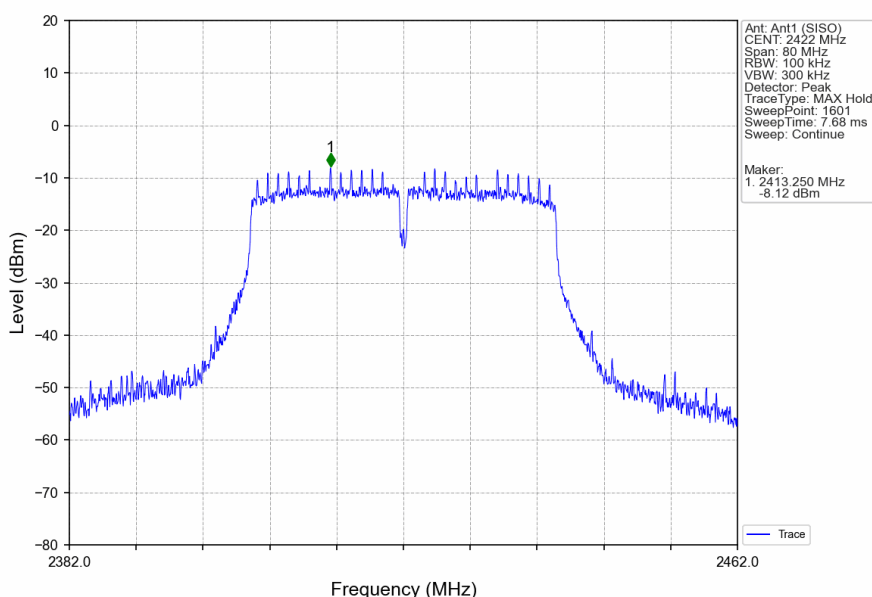
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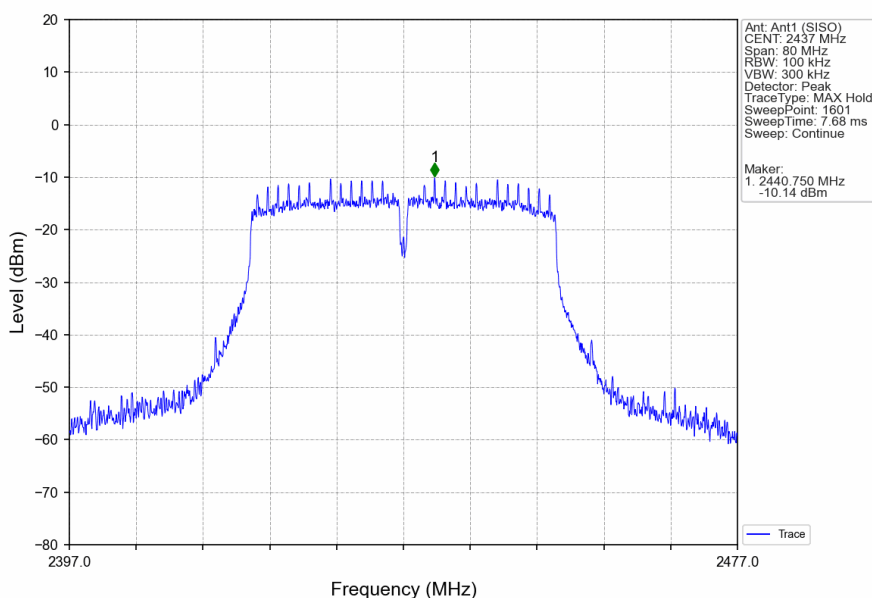
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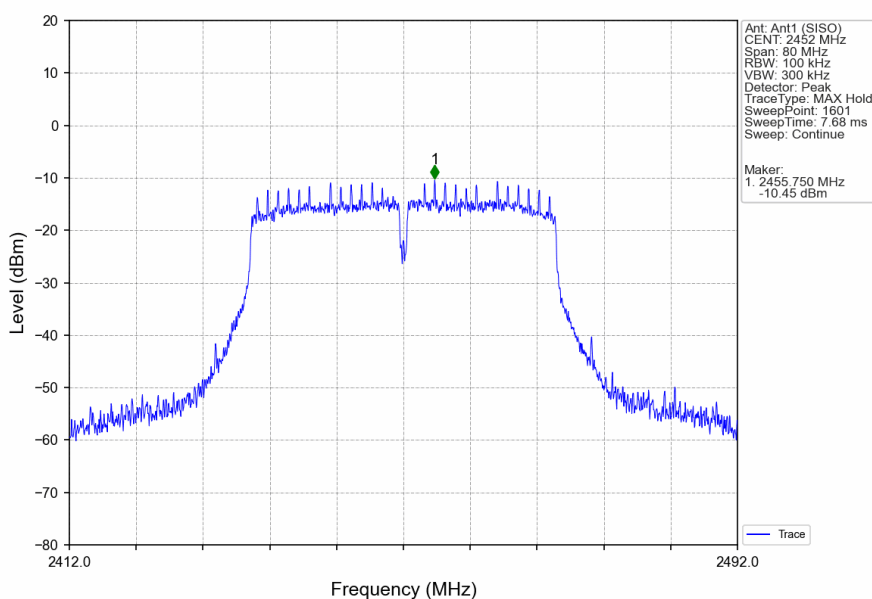
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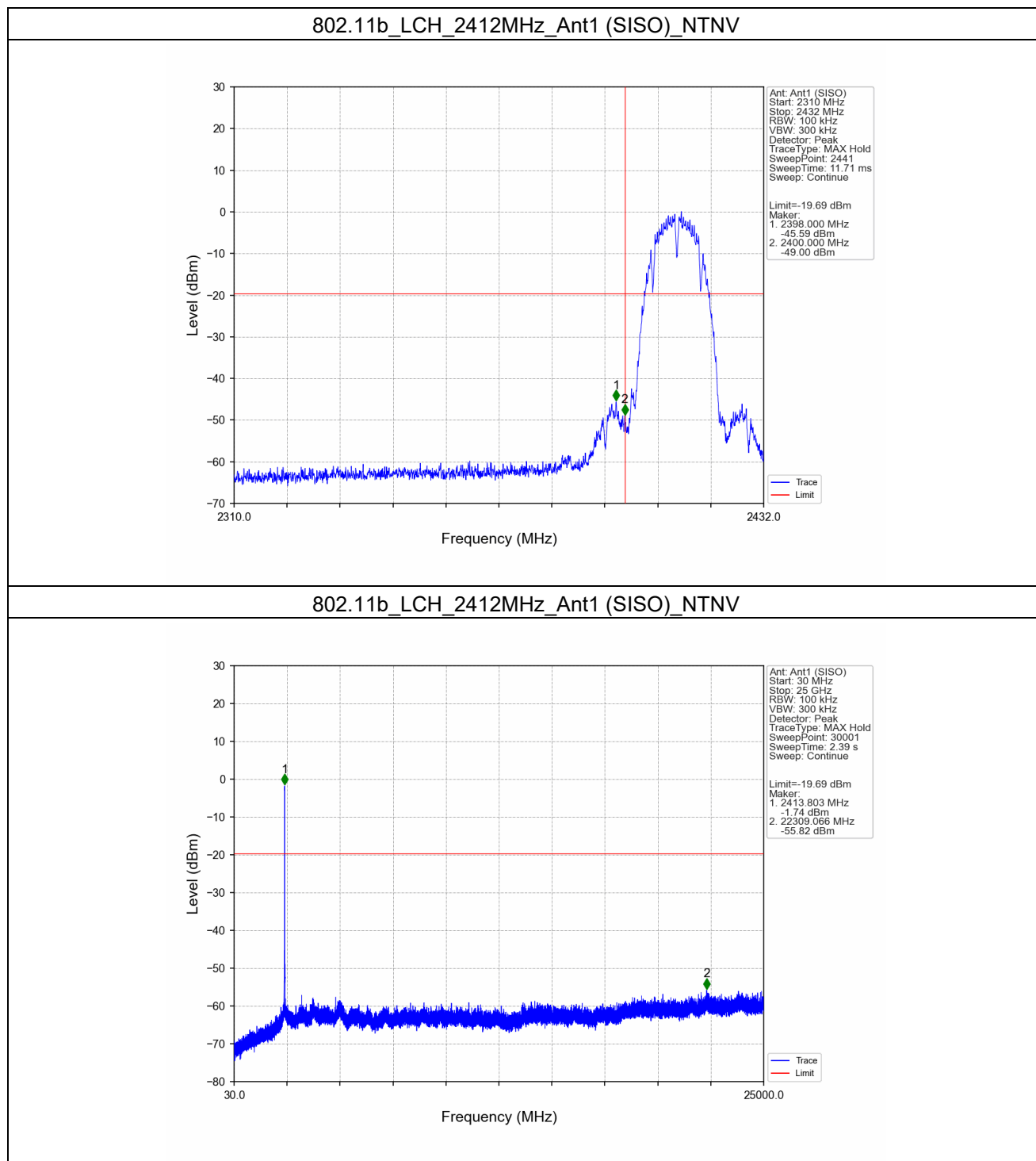
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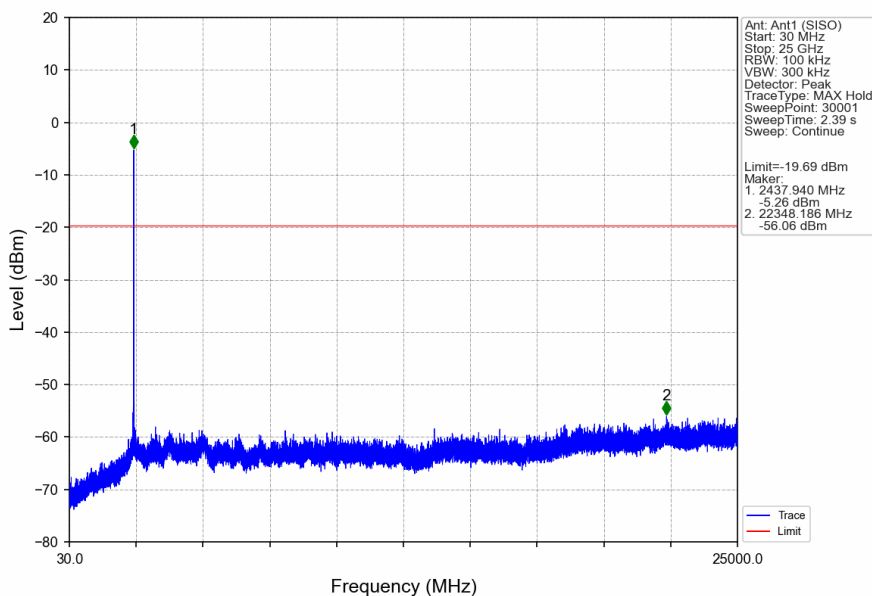
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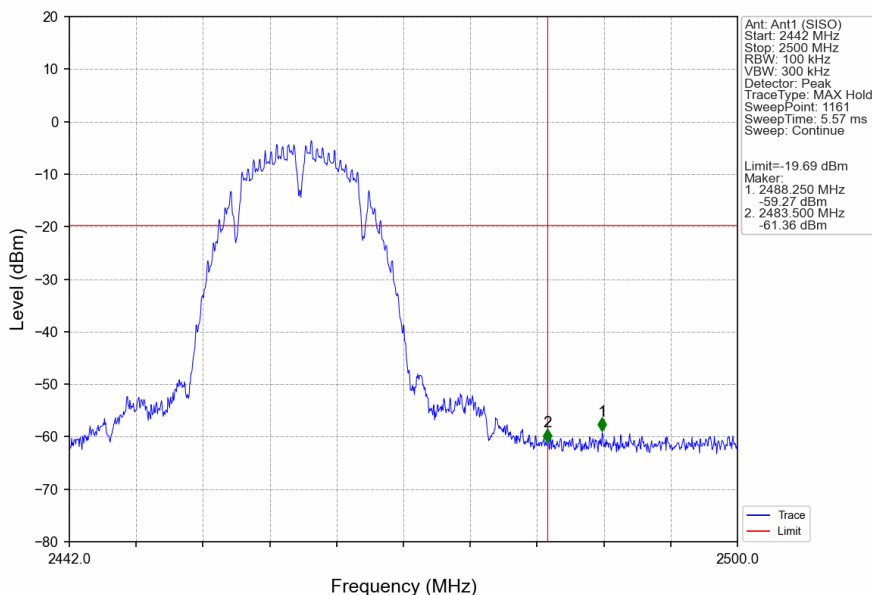
5.2.2 CSE and Band Edge



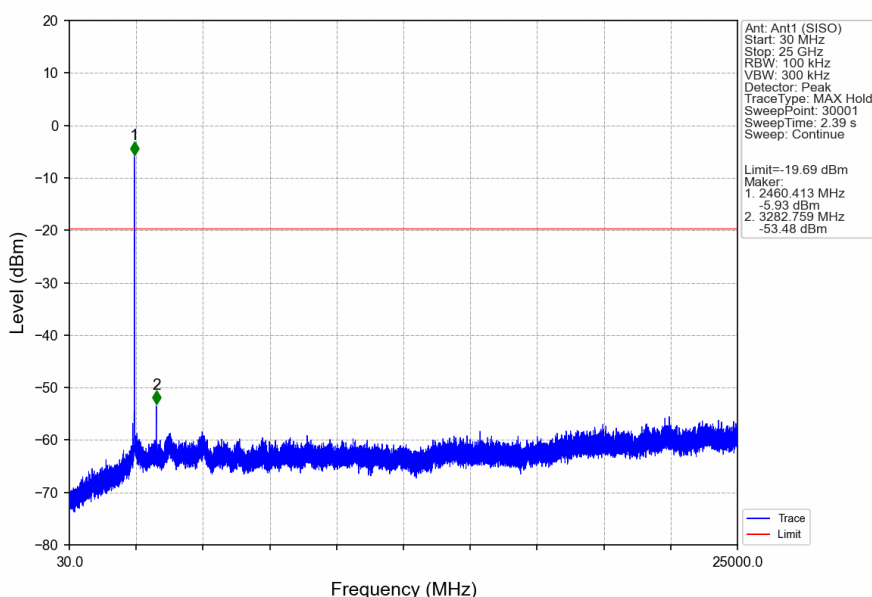
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



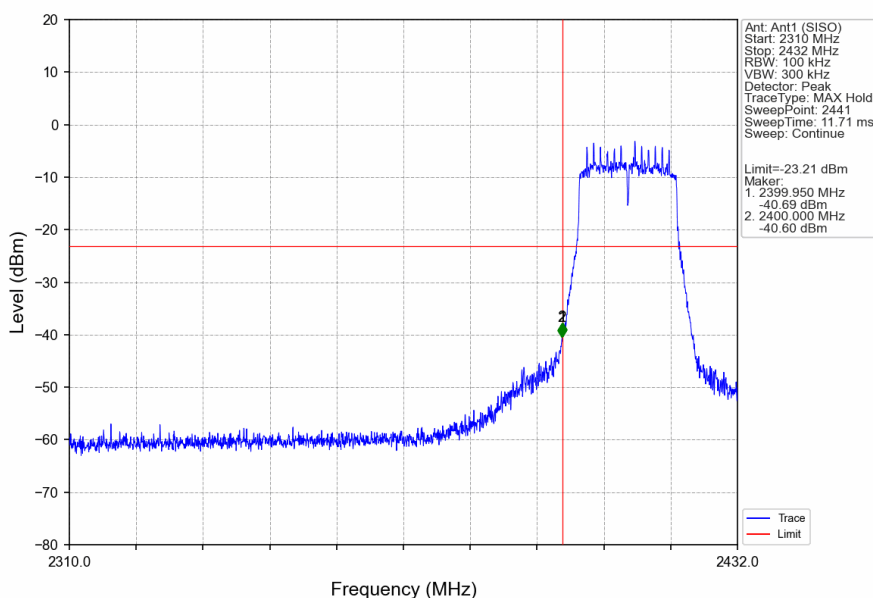
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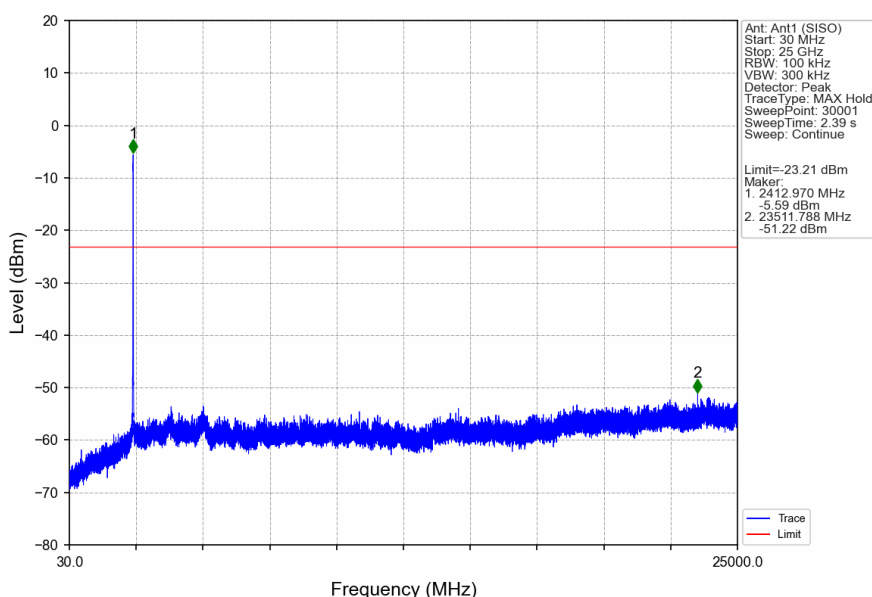
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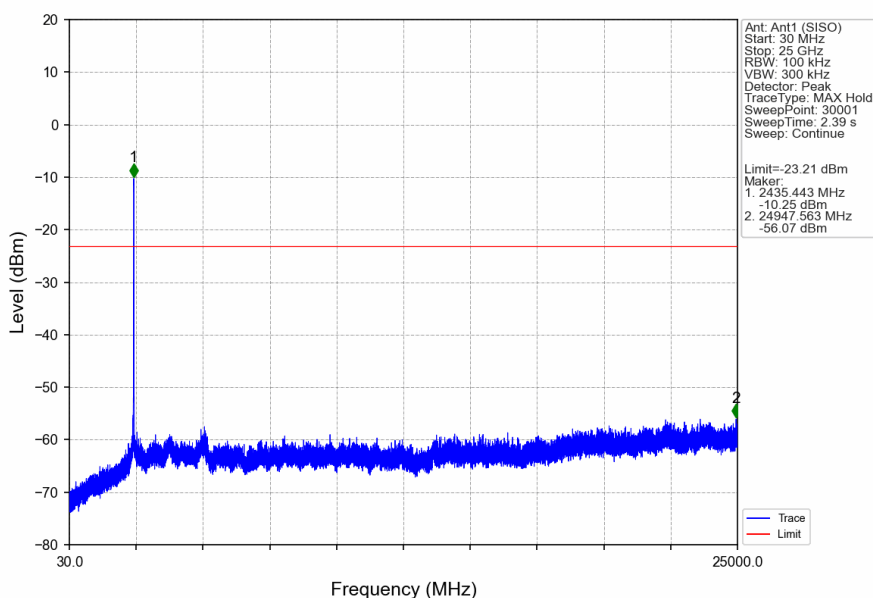
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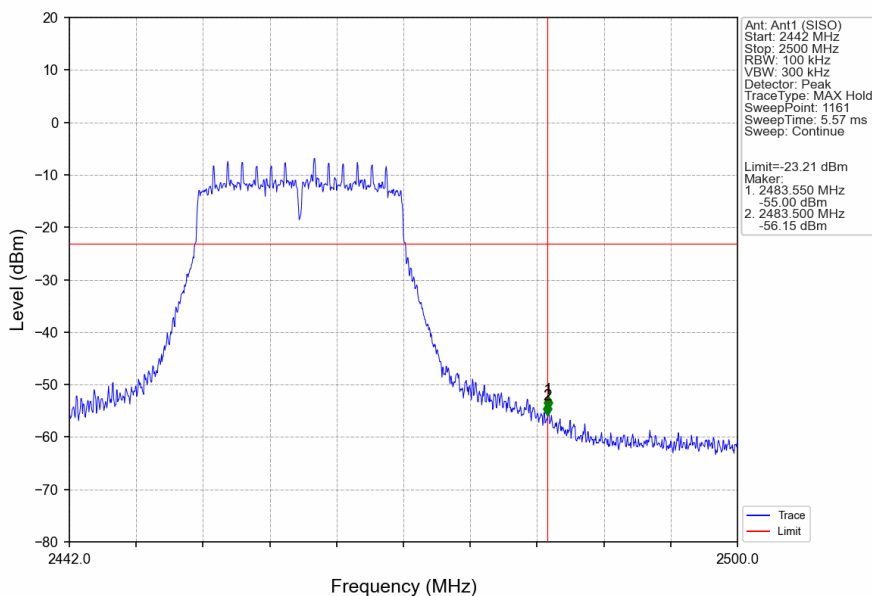
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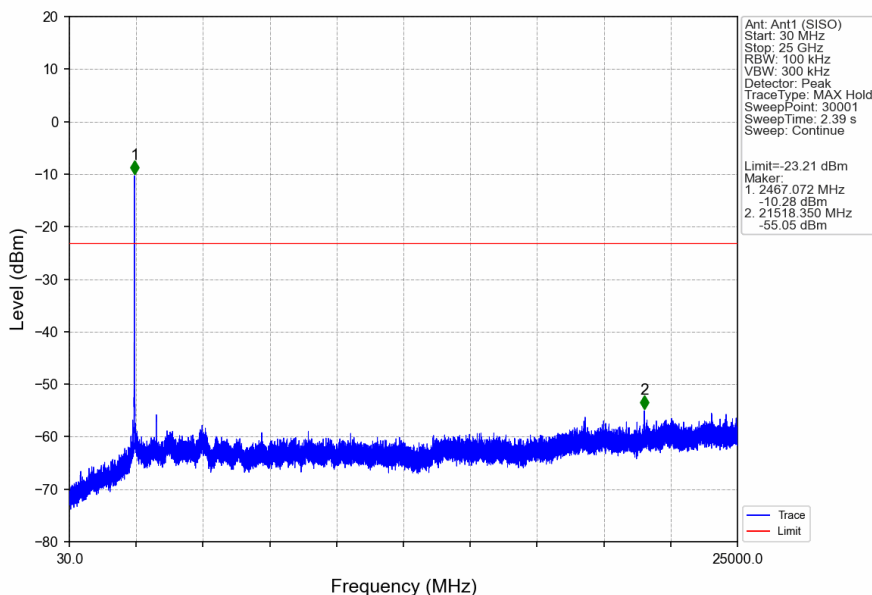
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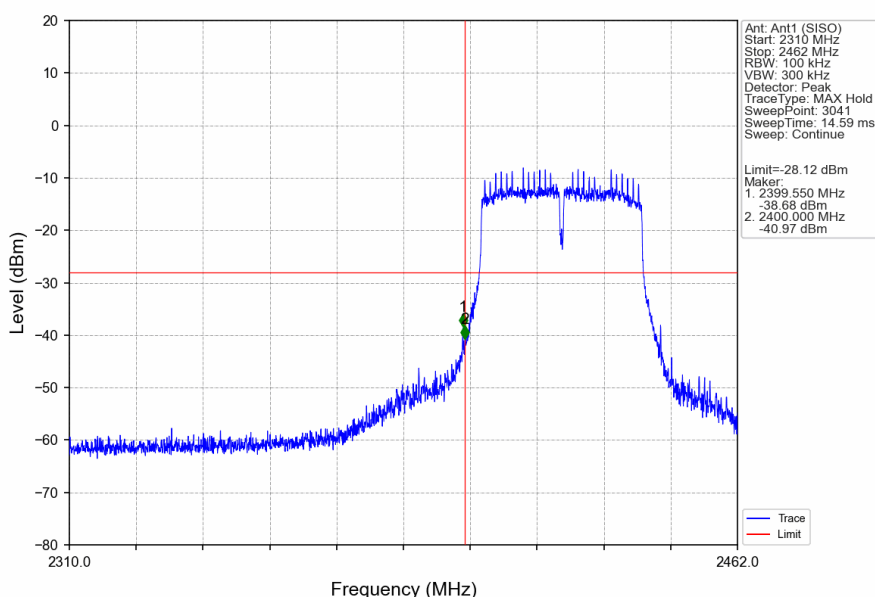
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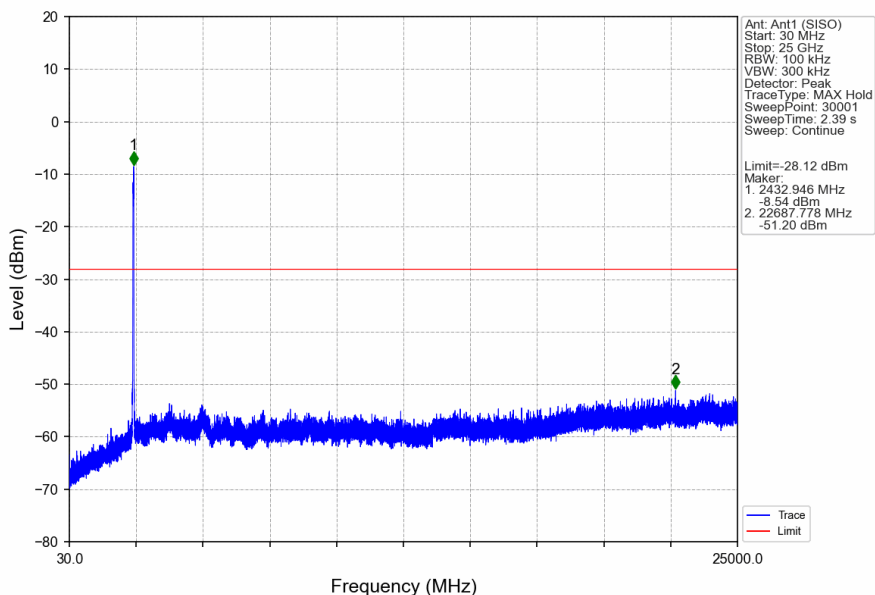
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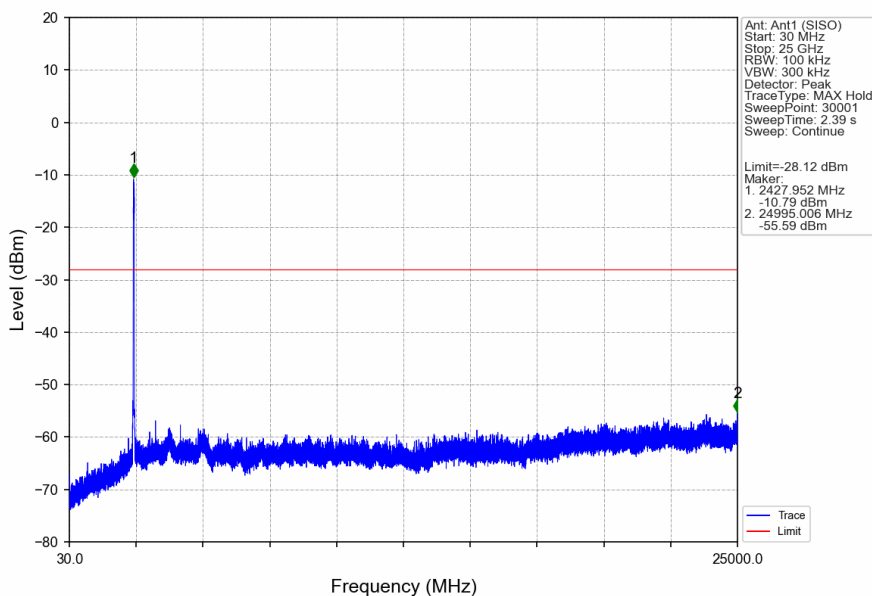
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



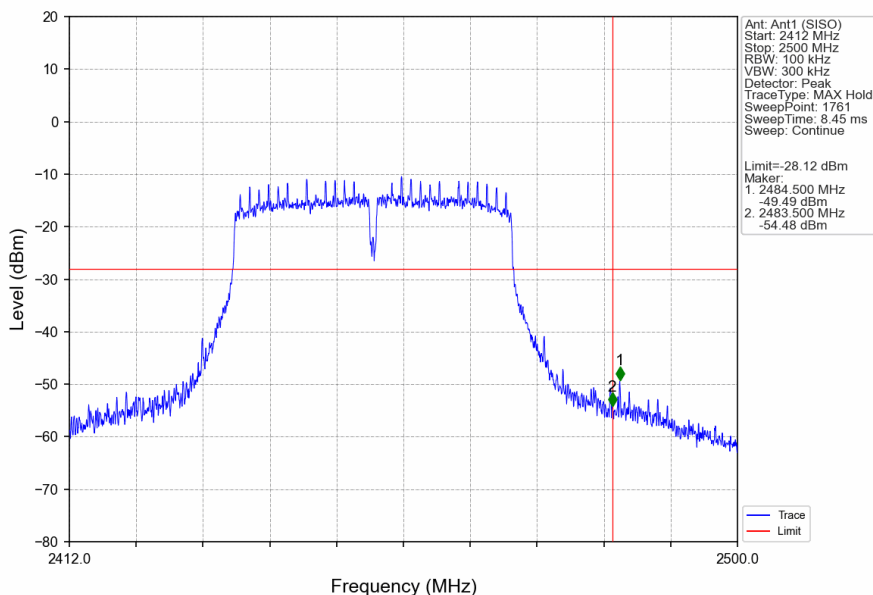
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



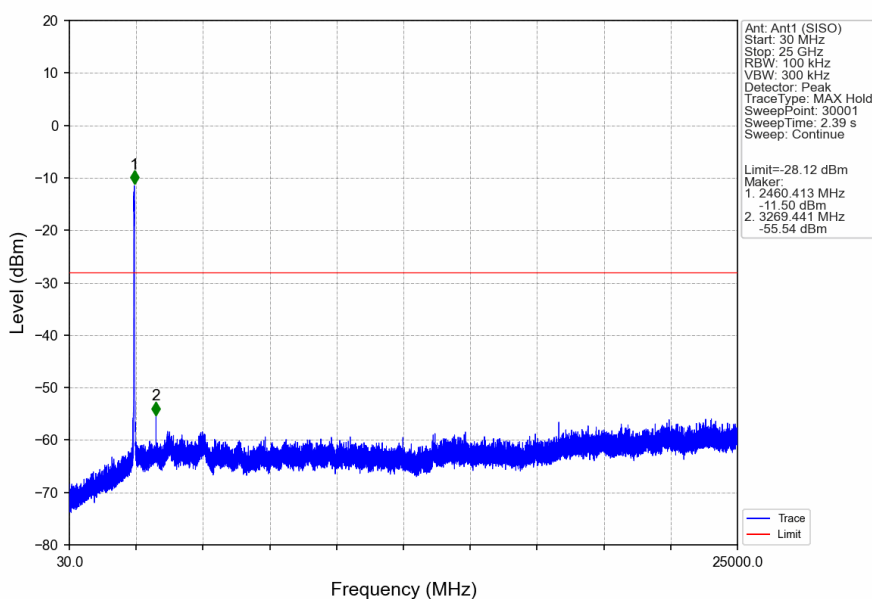
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



- End of the Report -

