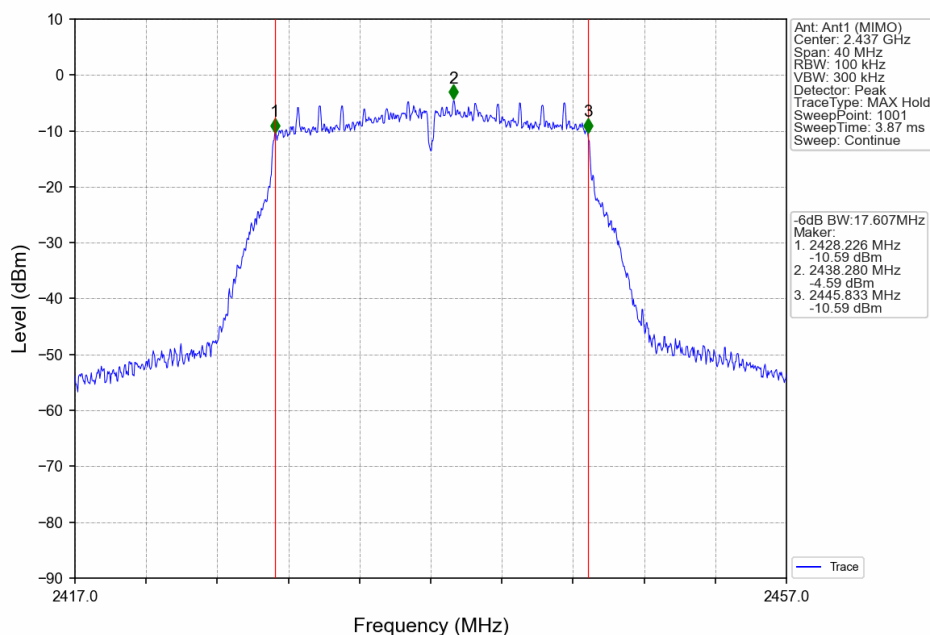
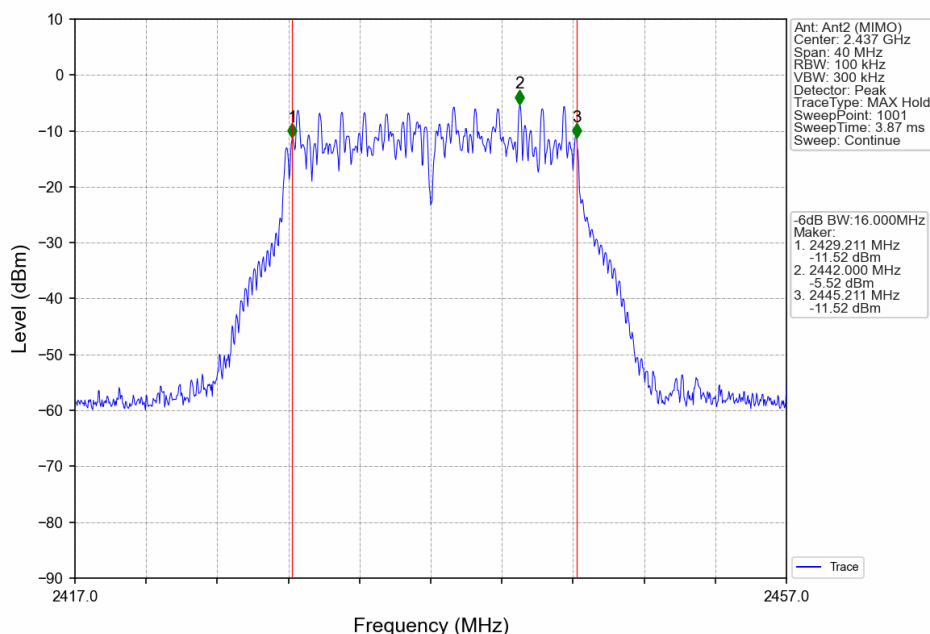


802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV

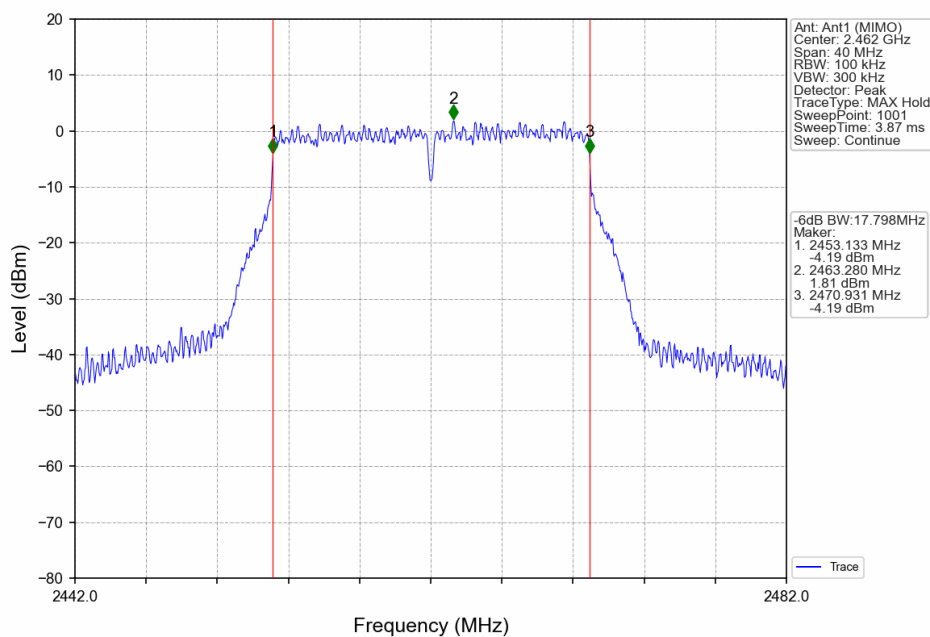


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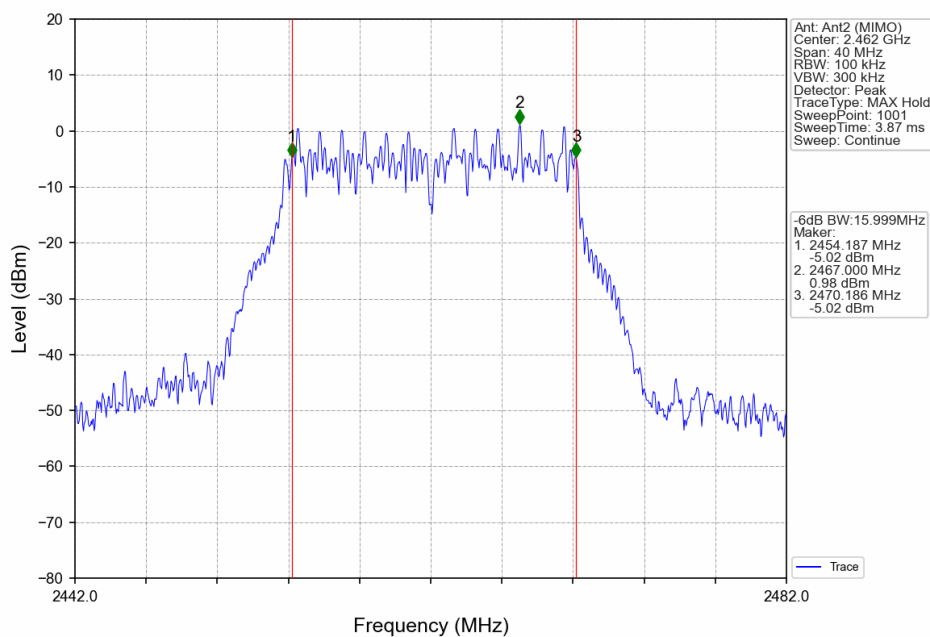
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	17.35	16.89	/	<=30	Pass
		2437	17.82	16.48	/	<=30	Pass
		2462	20.20	16.59	/	<=30	Pass
802.11g	SISO	2412	16.49	16.50	/	<=30	Pass
		2437	16.40	16.09	/	<=30	Pass
		2462	16.43	16.10	/	<=30	Pass
802.11n (HT20)	MIMO	2412	15.11	12.23	16.91	<=30	Pass
		2437	14.91	11.68	16.60	<=30	Pass
		2462	21.83	18.39	23.45	<=30	Pass

Note1: Antenna Gain: Ant1: 1.65 dBi; Ant2: 1.72 dBi;
Note2: Directional Gain: 4.70 dBi

4. Maximum Power Spectral Density

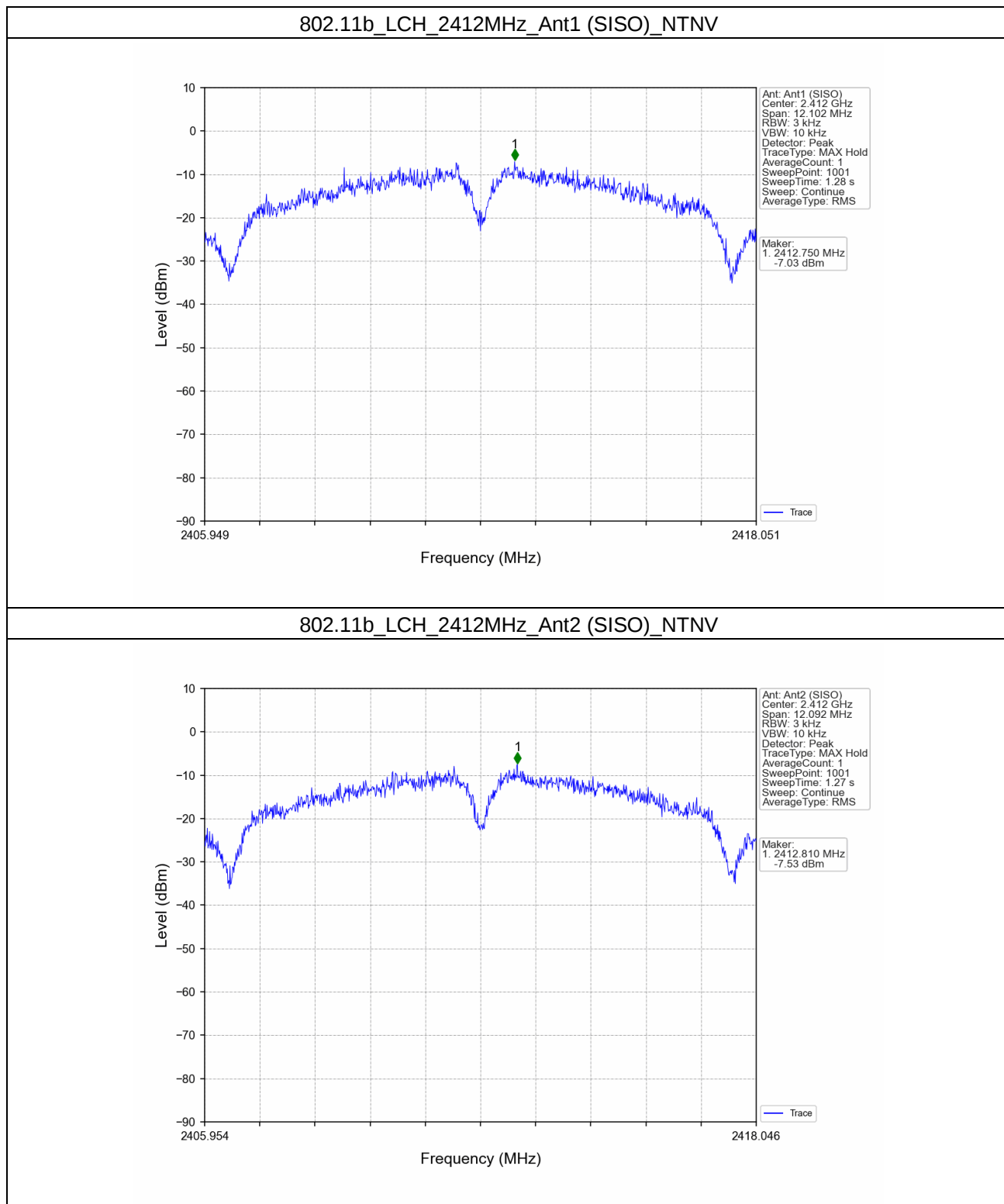
4.1 PSD

4.1.1 Test Result

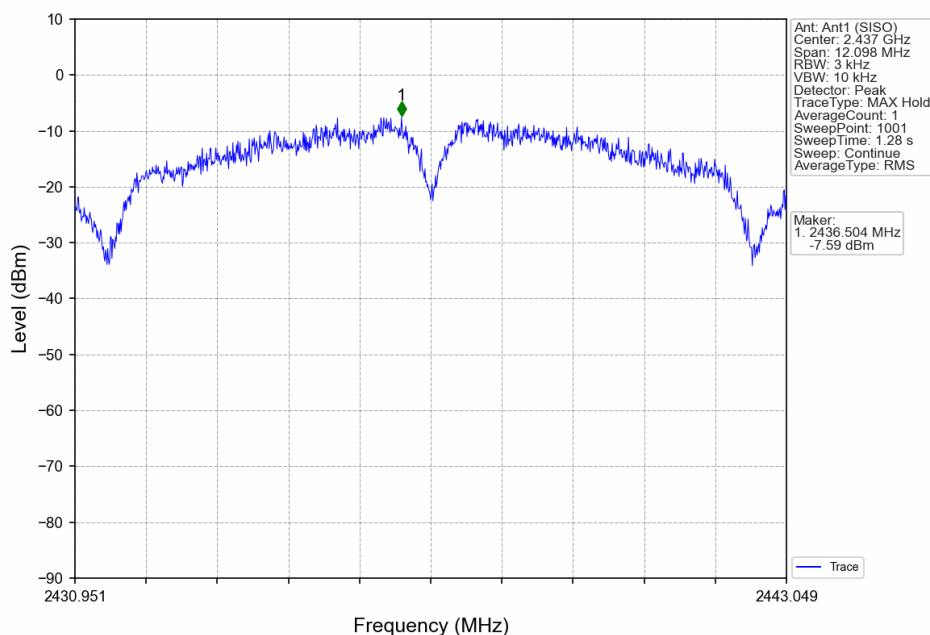
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11b	SISO	2412	-7.03	-7.53	/	<=8	Pass
		2437	-7.59	-7.62	/	<=8	Pass
		2462	-6.23	-7.82	/	<=8	Pass
802.11g	SISO	2412	-15.62	-15.27	/	<=8	Pass
		2437	-15.72	-16.55	/	<=8	Pass
		2462	-15.81	-16.65	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-17.65	-27.09	-17.61	<=8	Pass
		2437	-17.17	-27.56	-17.14	<=8	Pass
		2462	-13.19	-20.40	-13.17	<=8	Pass

Note1: Antenna Gain: Ant1: 1.65dBi; Ant2: 1.72dBi;
Note2: Directional Gain: 4.70 dBi

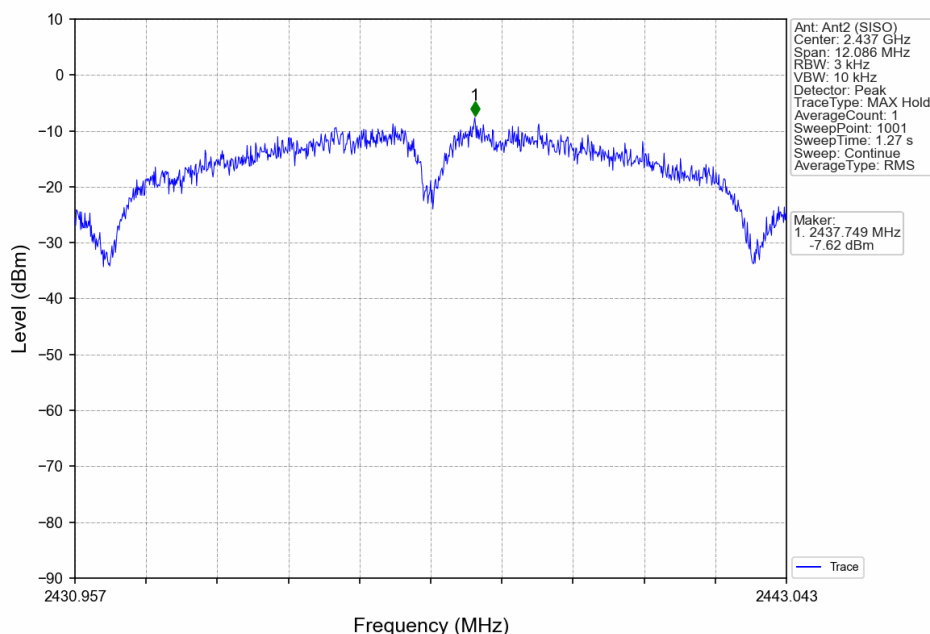
4.1.2 Test Graph



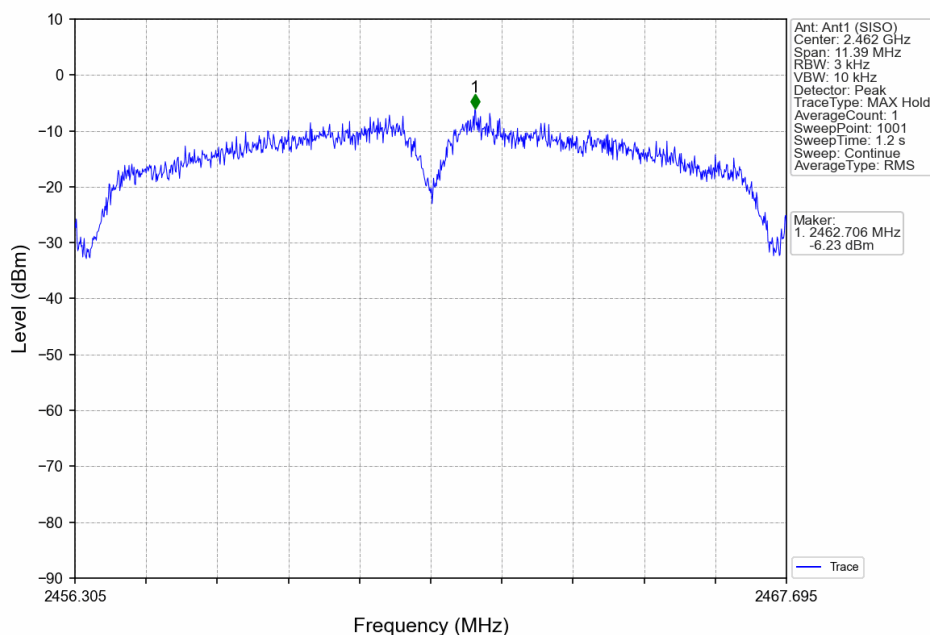
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



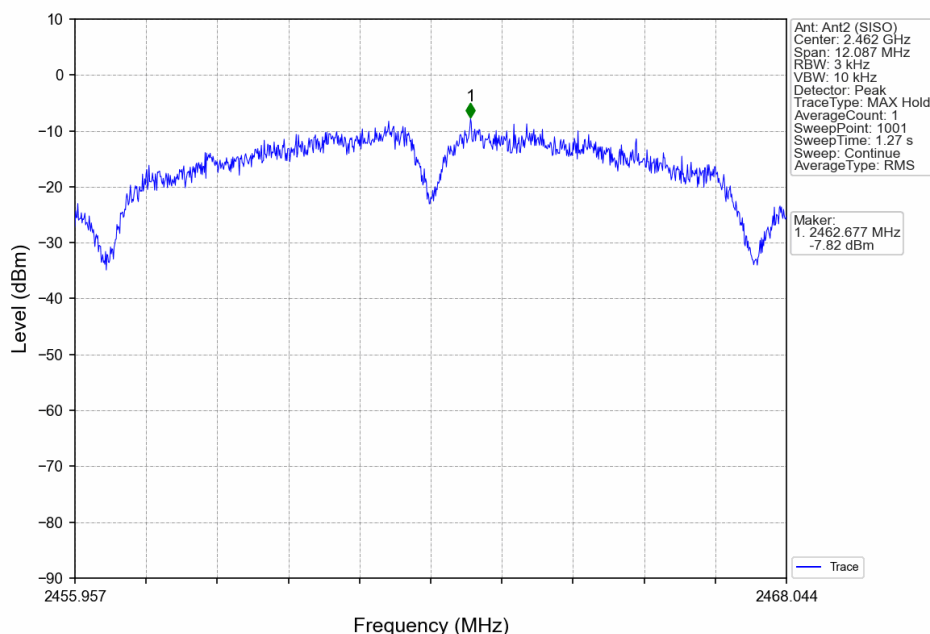
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



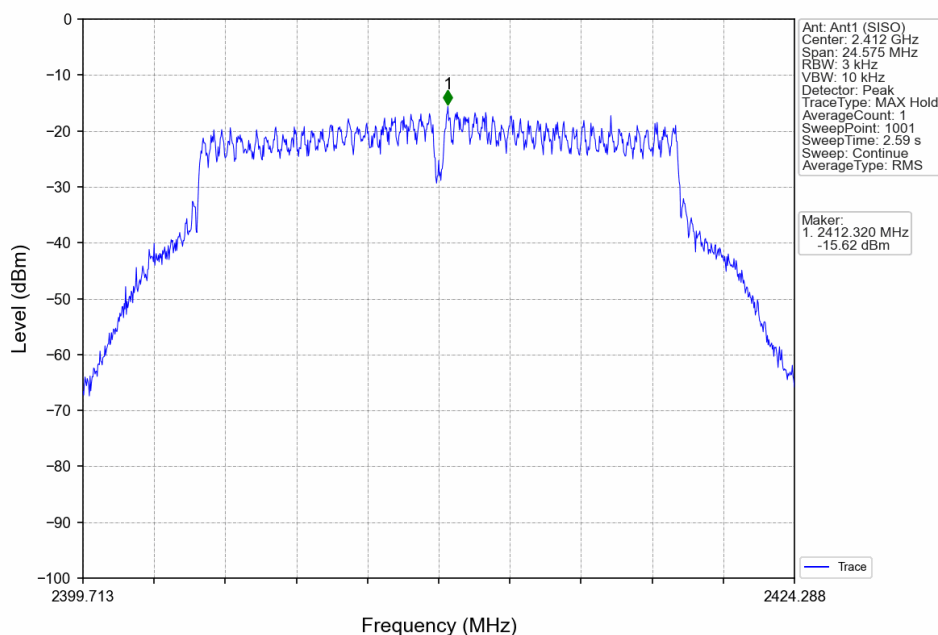
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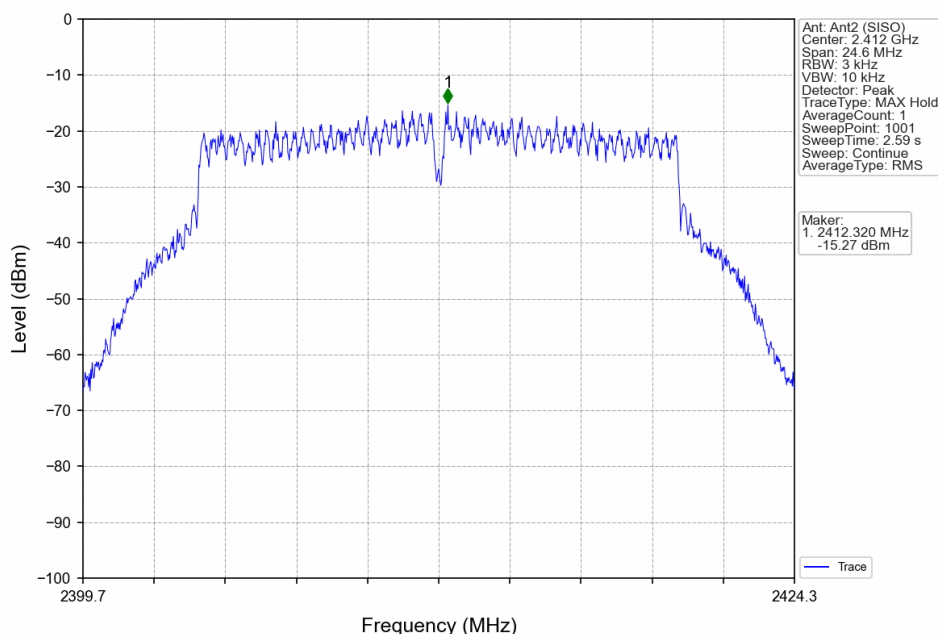
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



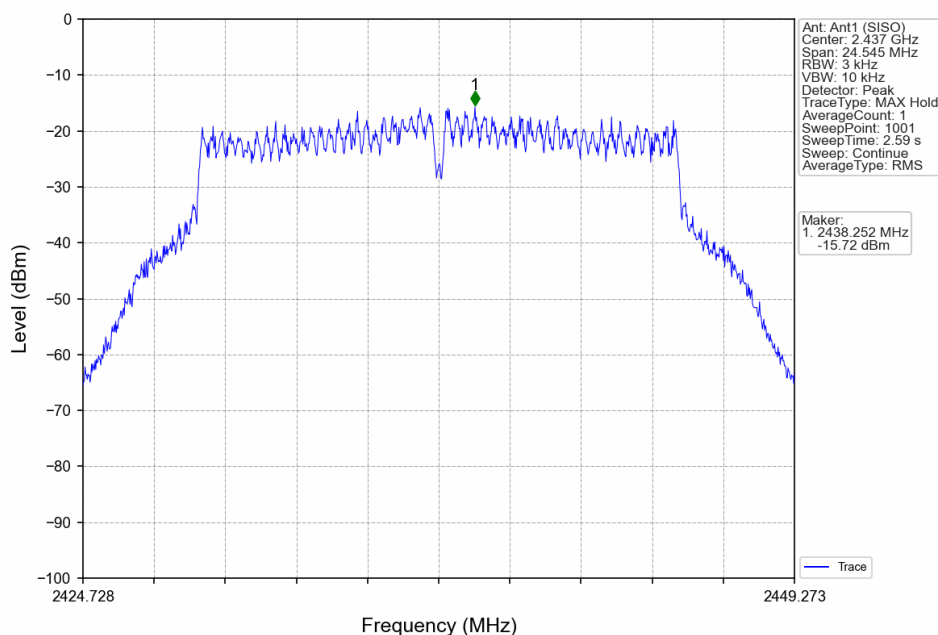
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



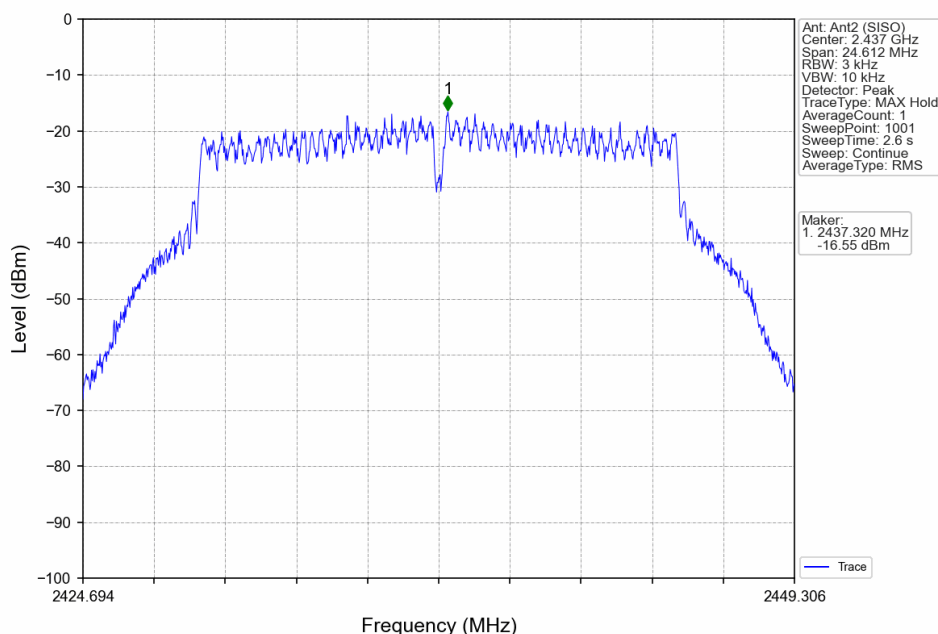
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV

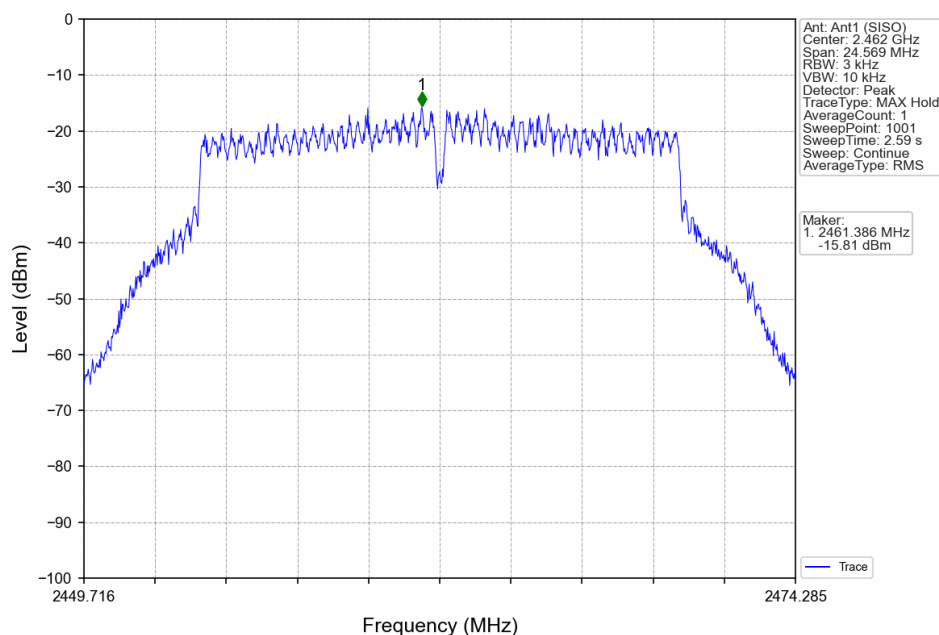


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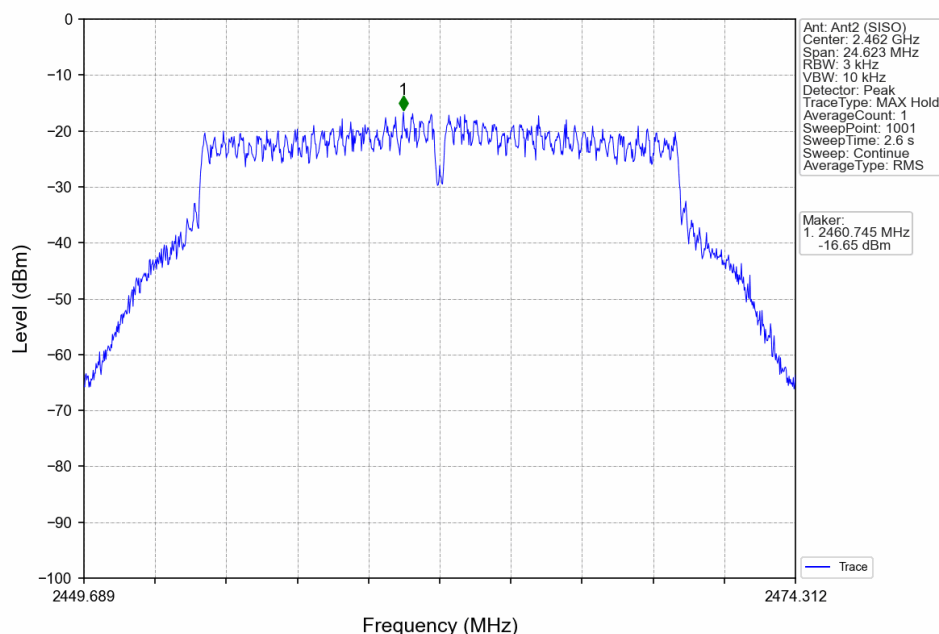
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



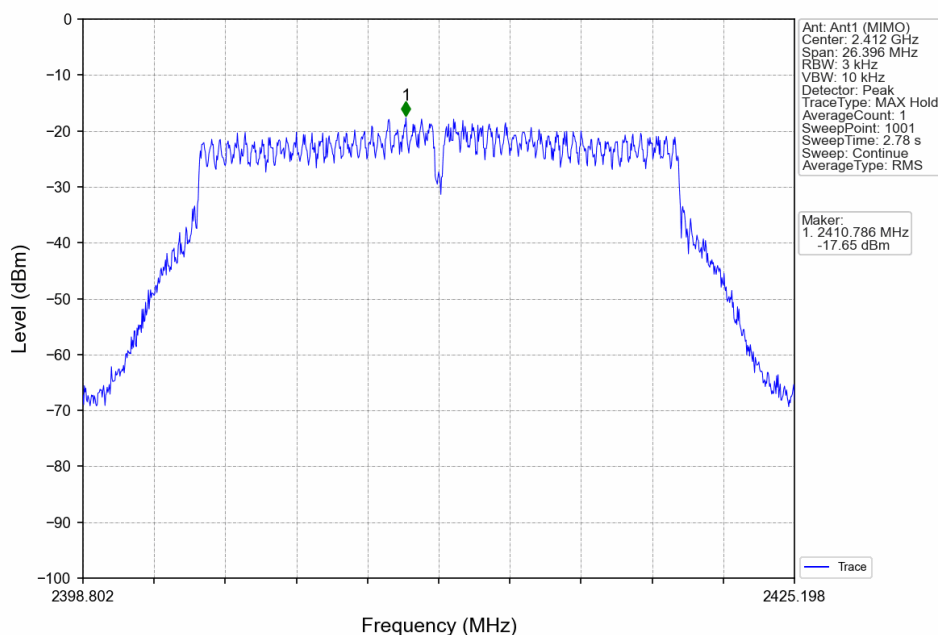
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



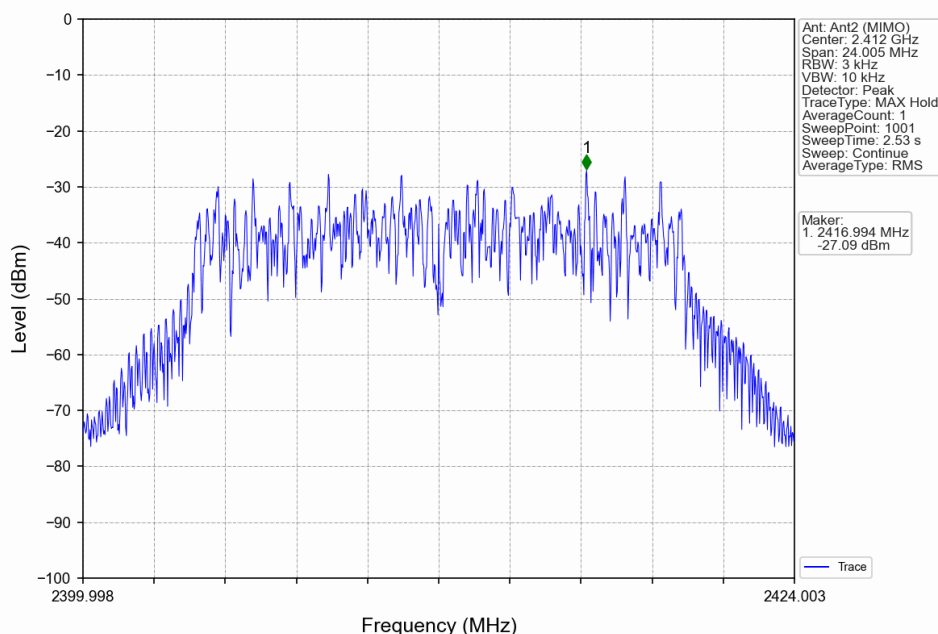
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



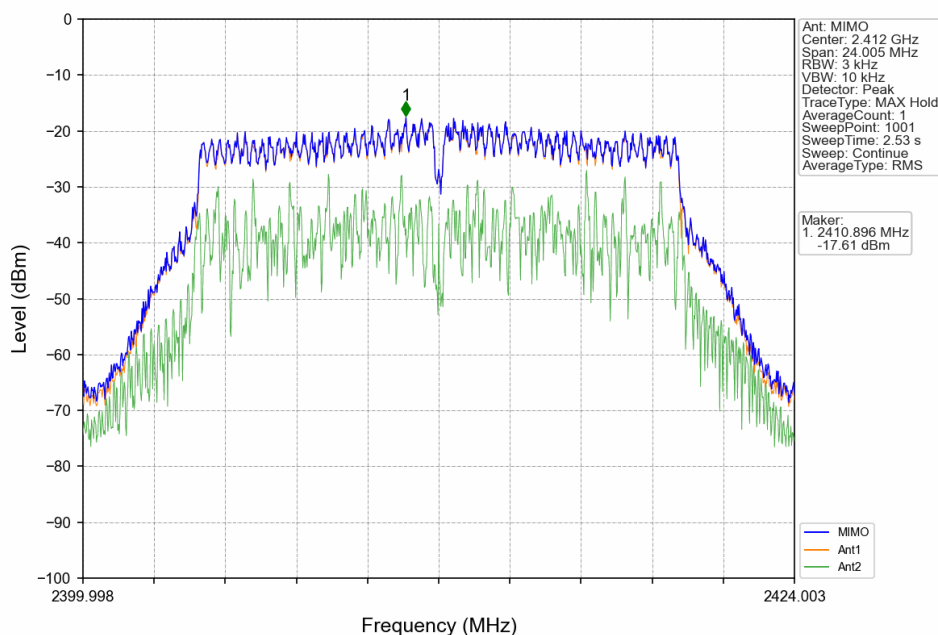
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



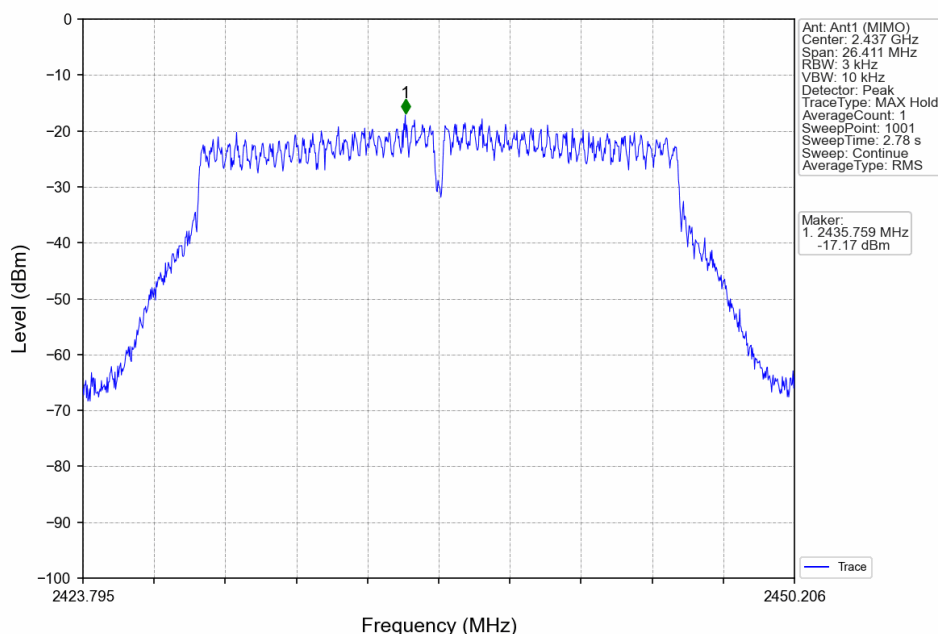
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802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



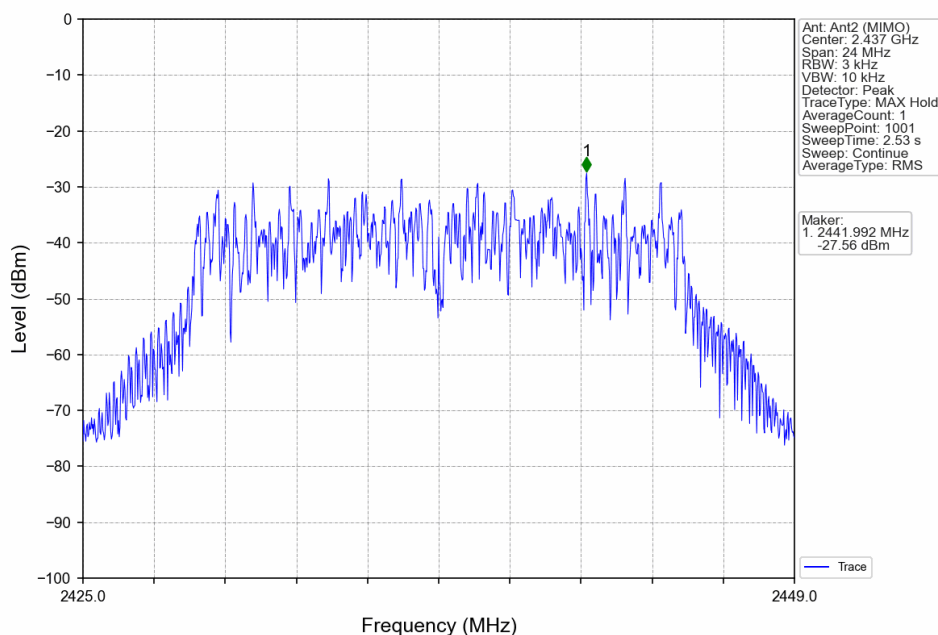
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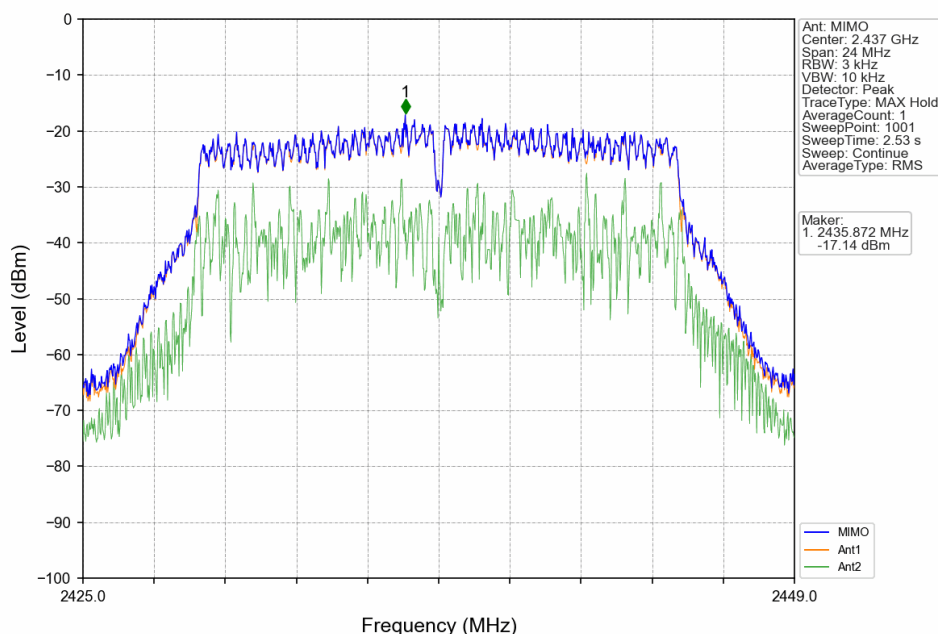
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802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



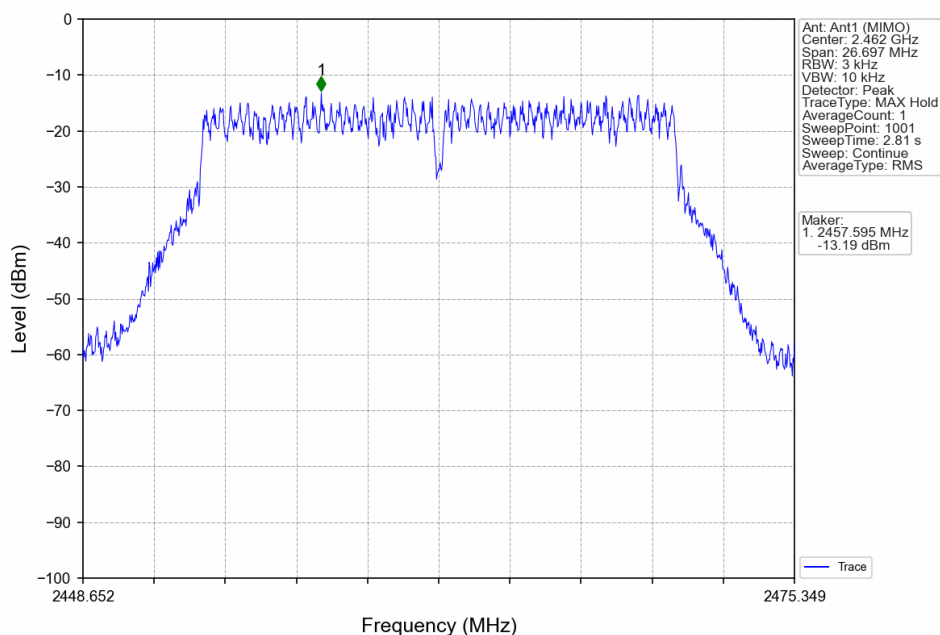
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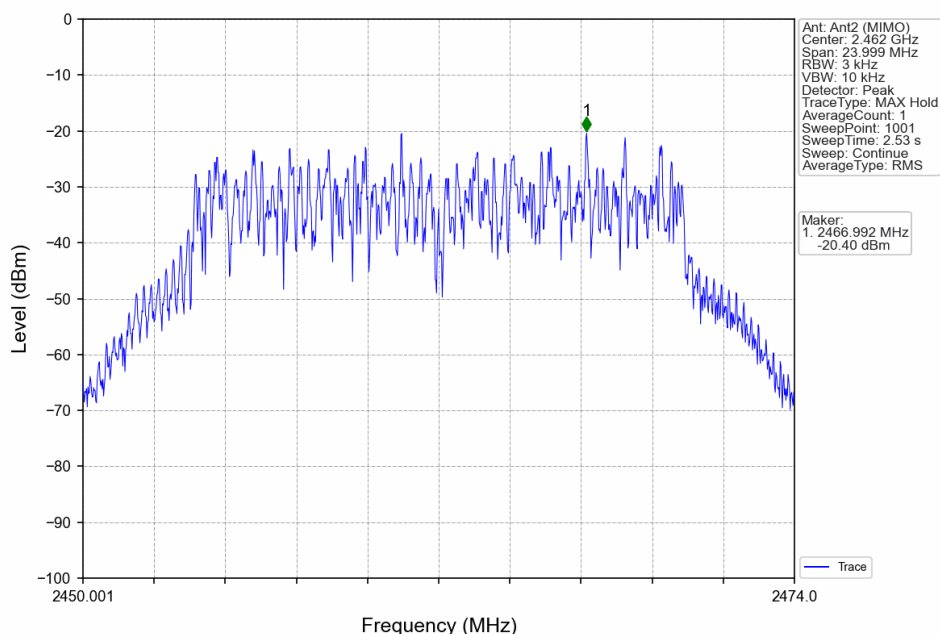
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

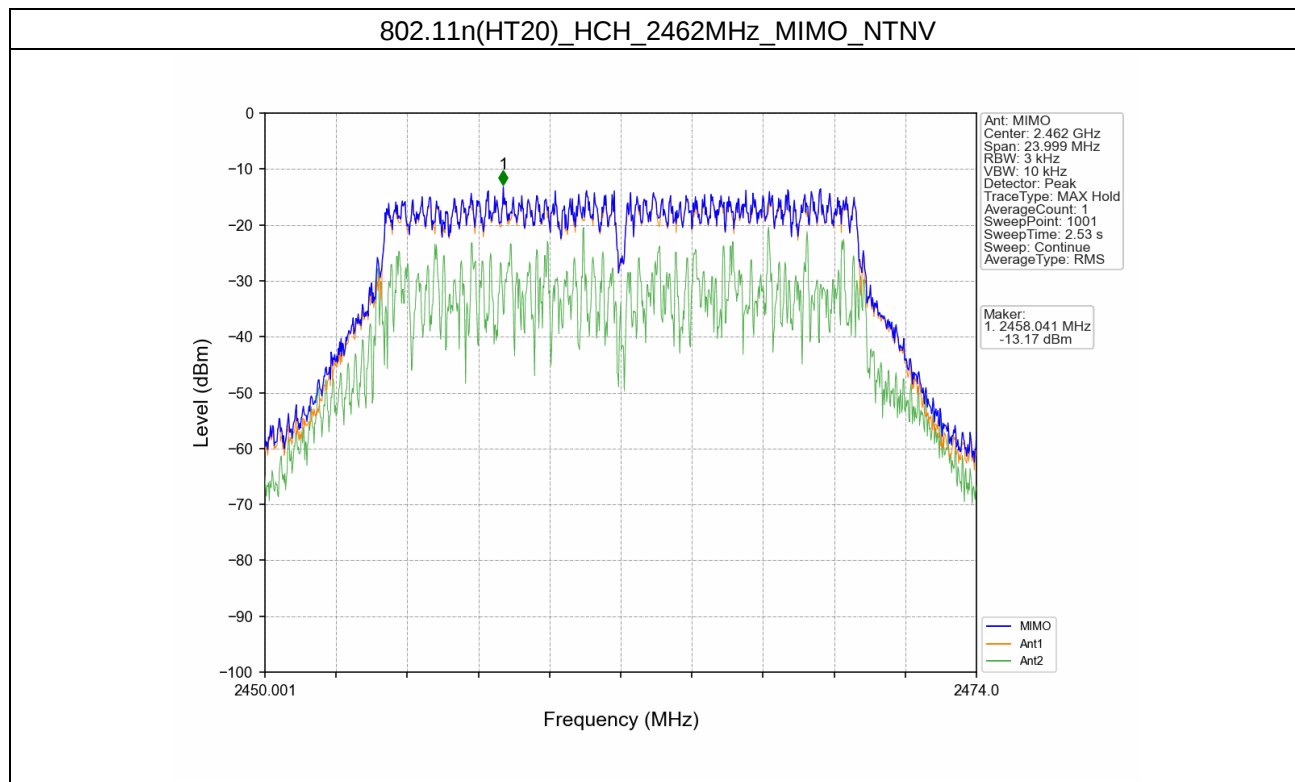


802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

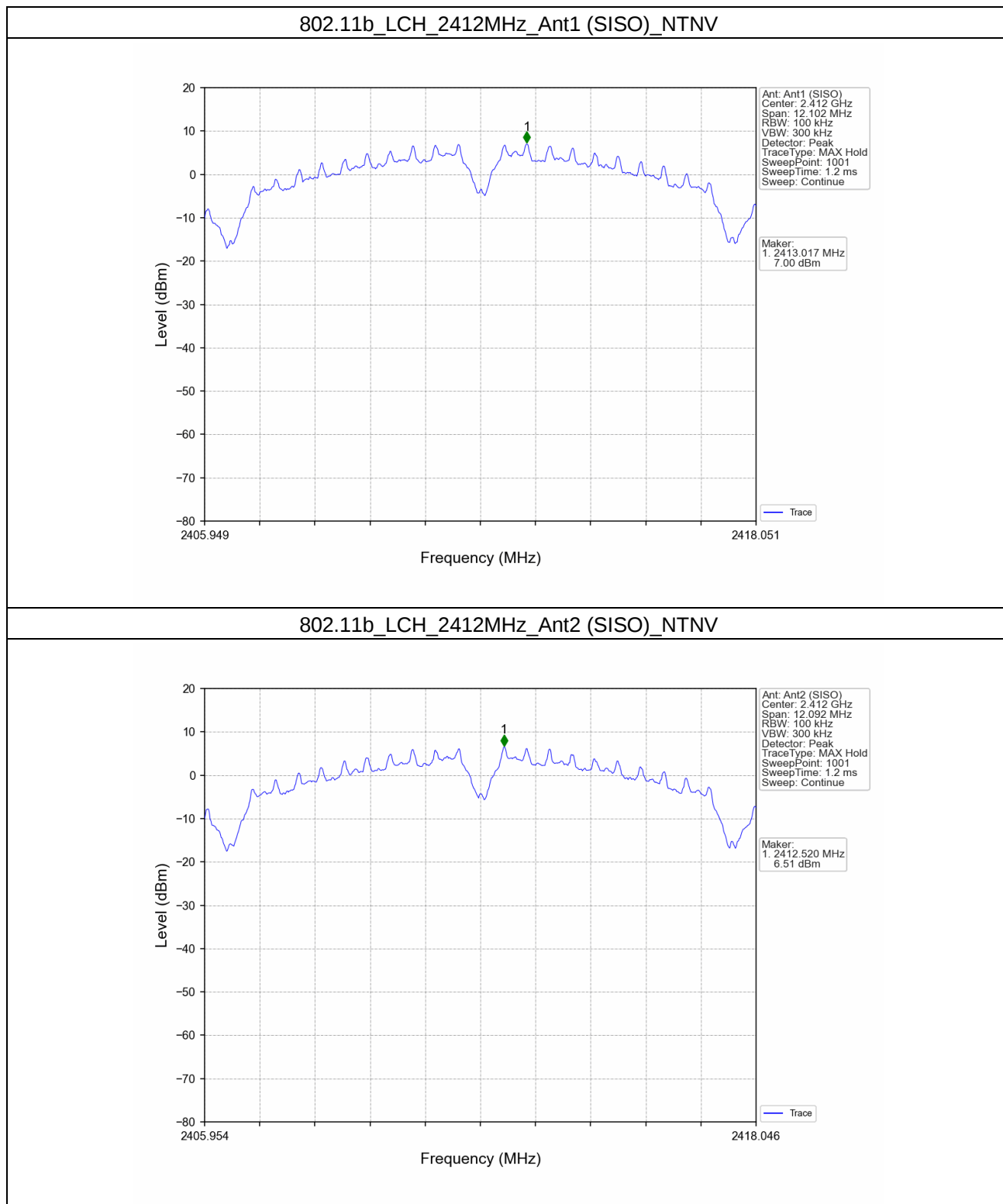
5.1 Ref

5.1.1 Test Result

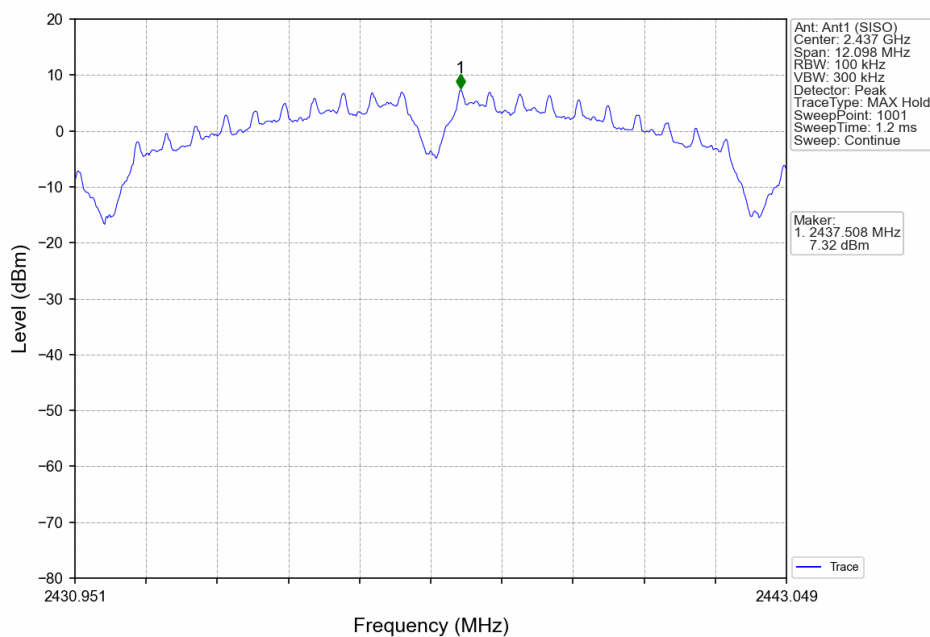
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
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			2	6.51
		2437	1	7.32
			2	6.00
		2462	1	7.22
			2	6.46
802.11g	SISO	2412	1	-3.04
			2	-3.46
		2437	1	-3.03
			2	-3.60
		2462	1	-2.86
			2	-3.79
802.11n (HT20)	MIMO	2412	1	-4.09
			2	-5.03
		2437	1	-4.80
			2	-5.50
		2462	1	2.14
			2	1.08

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.

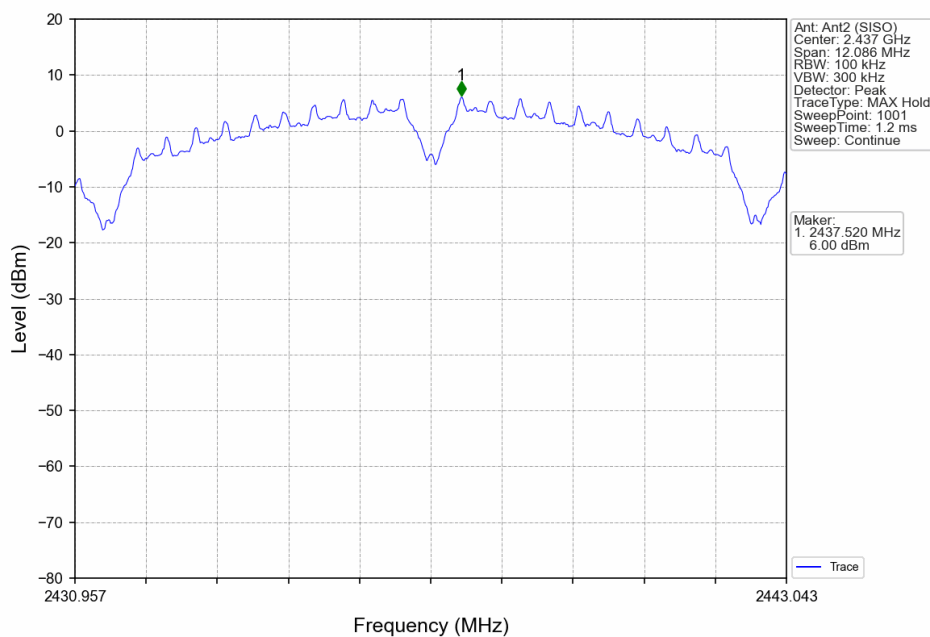
5.1.2 Test Graph



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



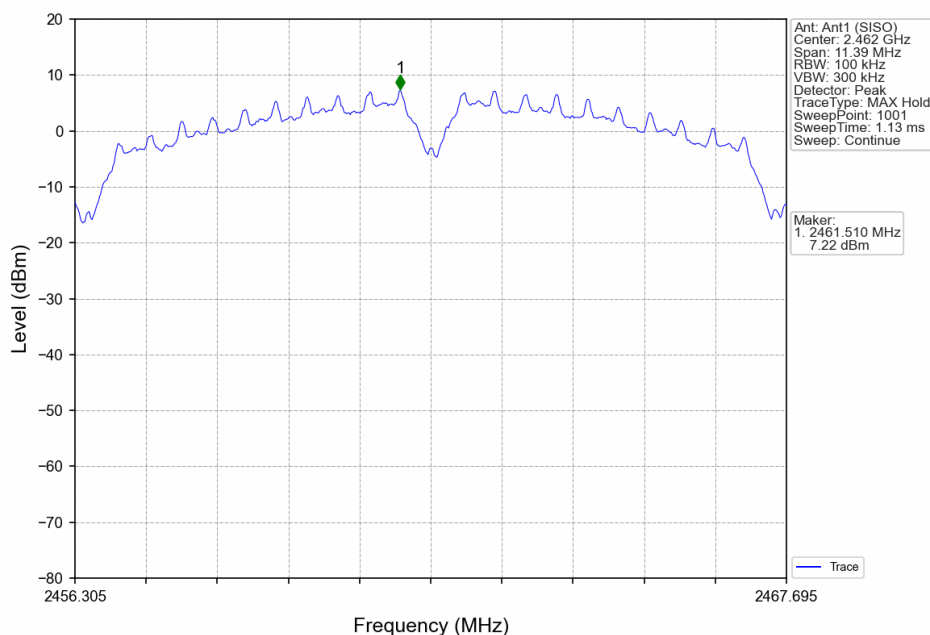
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



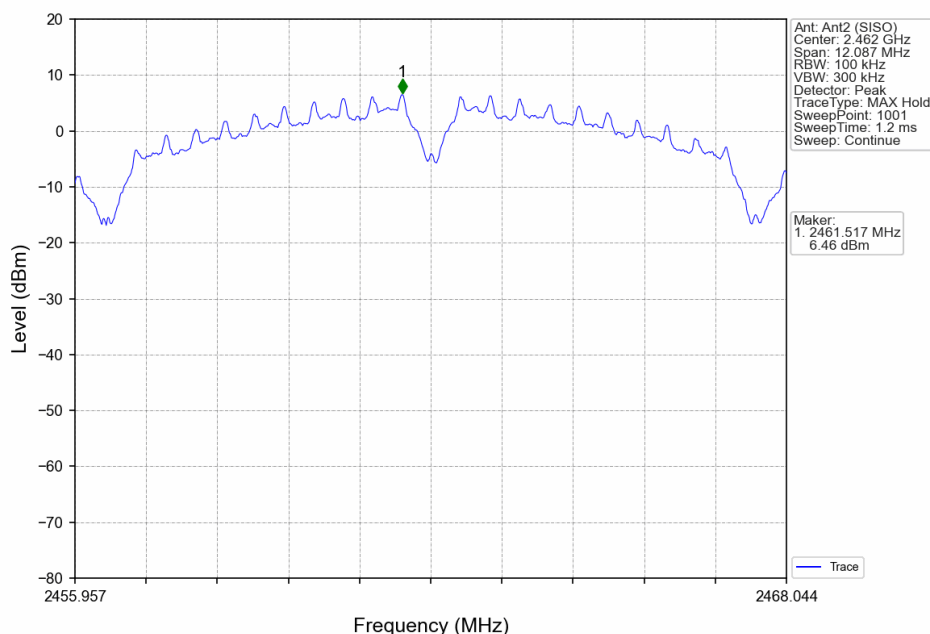
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



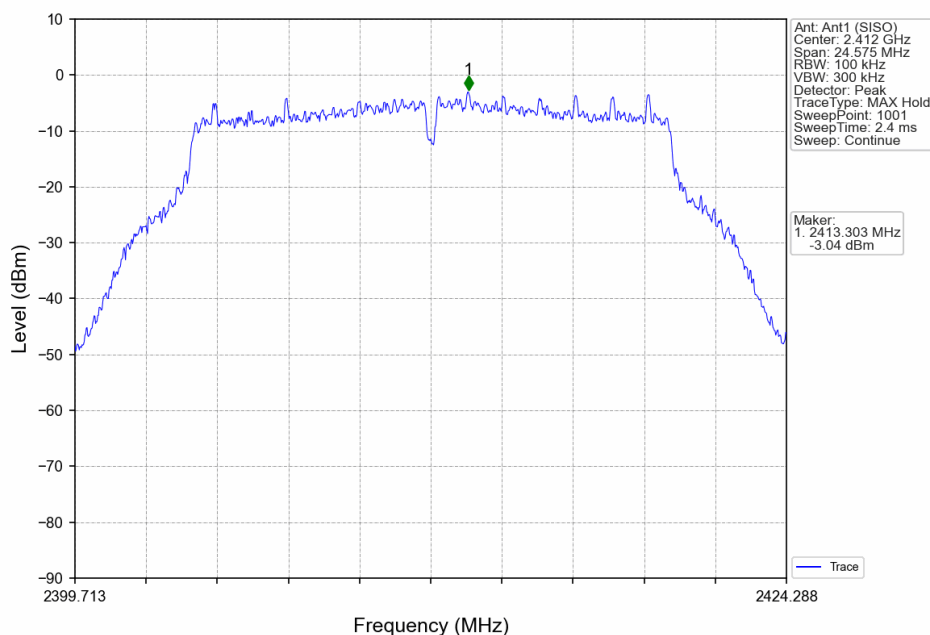
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



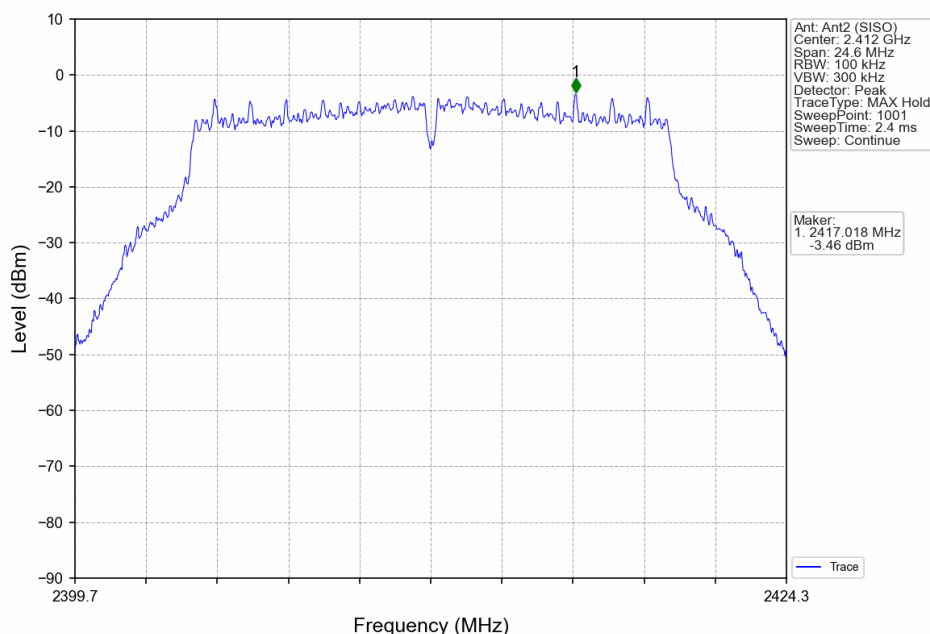
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



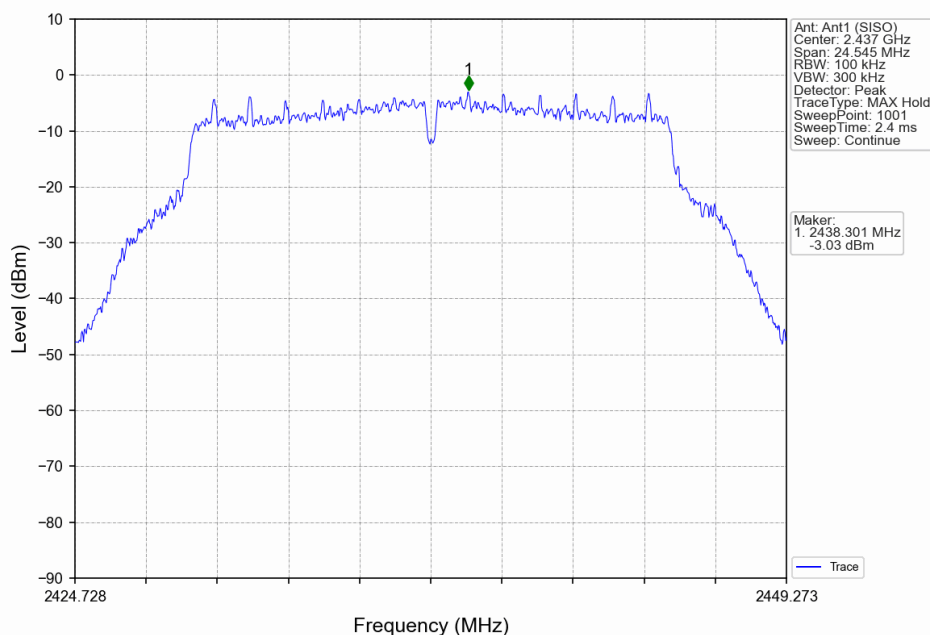
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



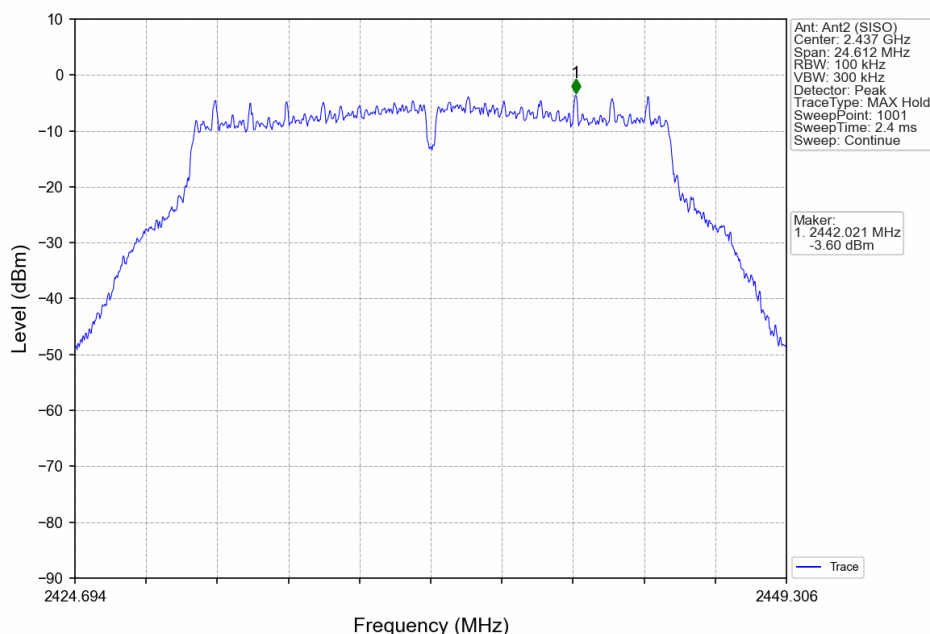
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

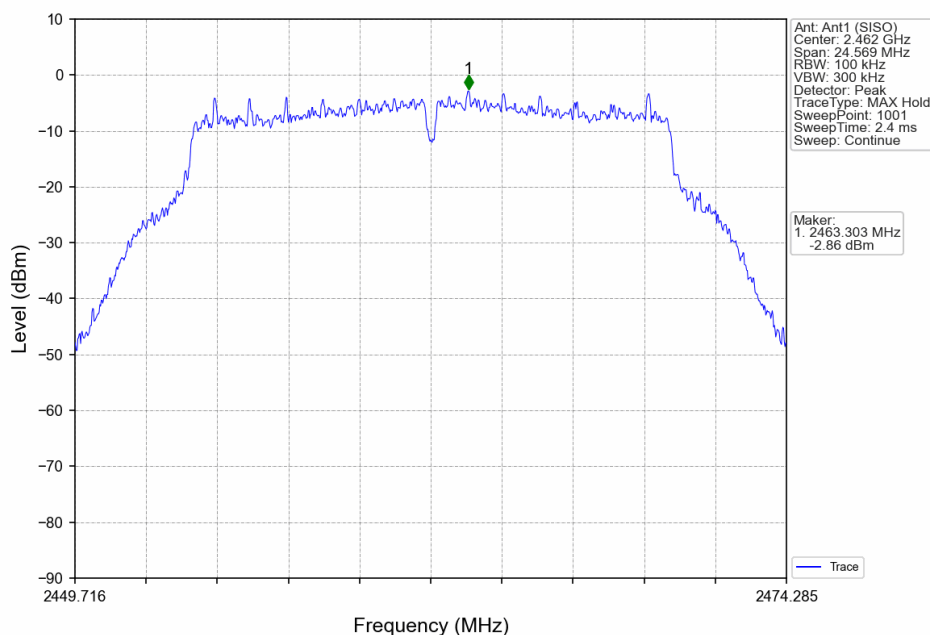


802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV

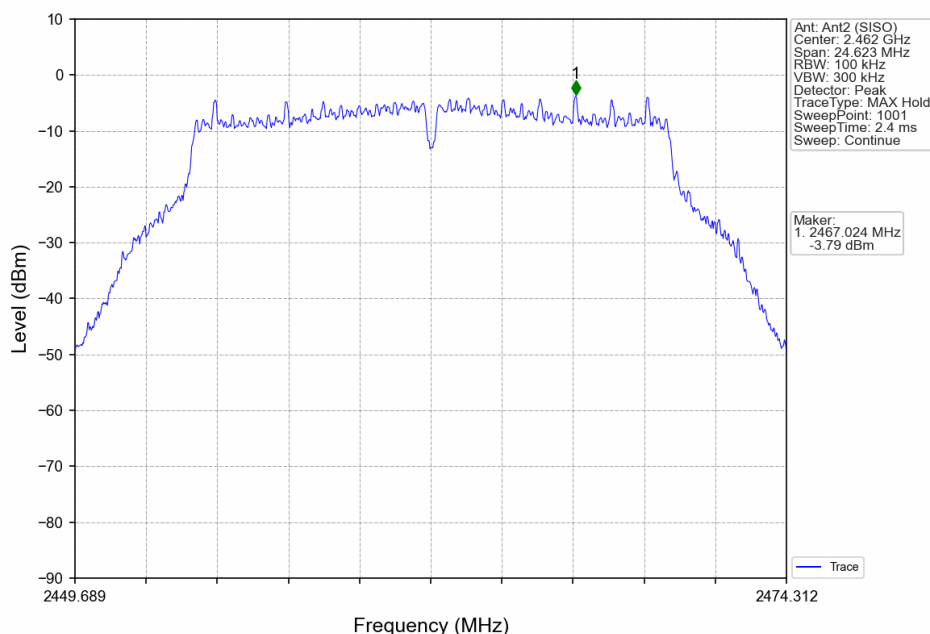


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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



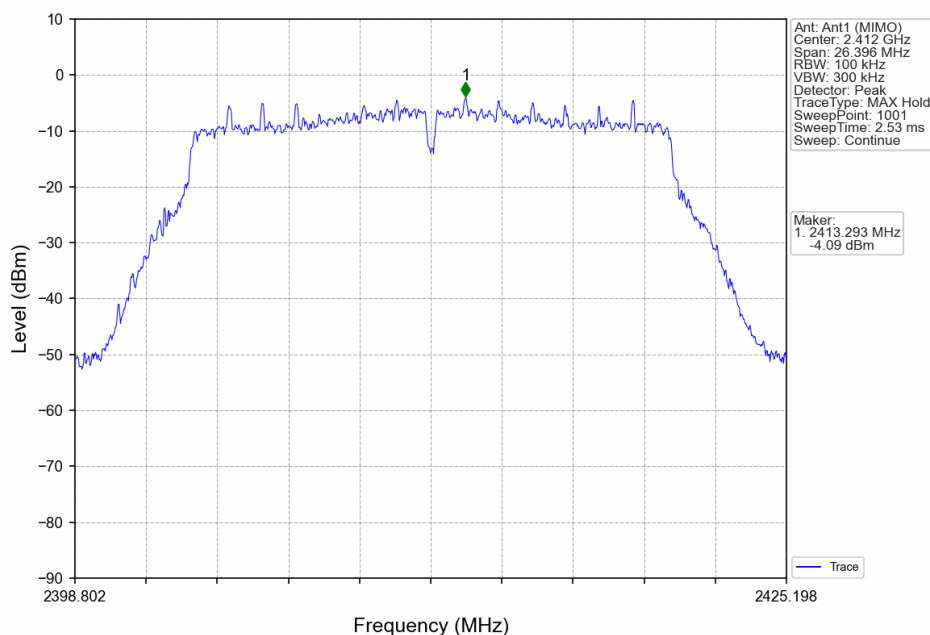
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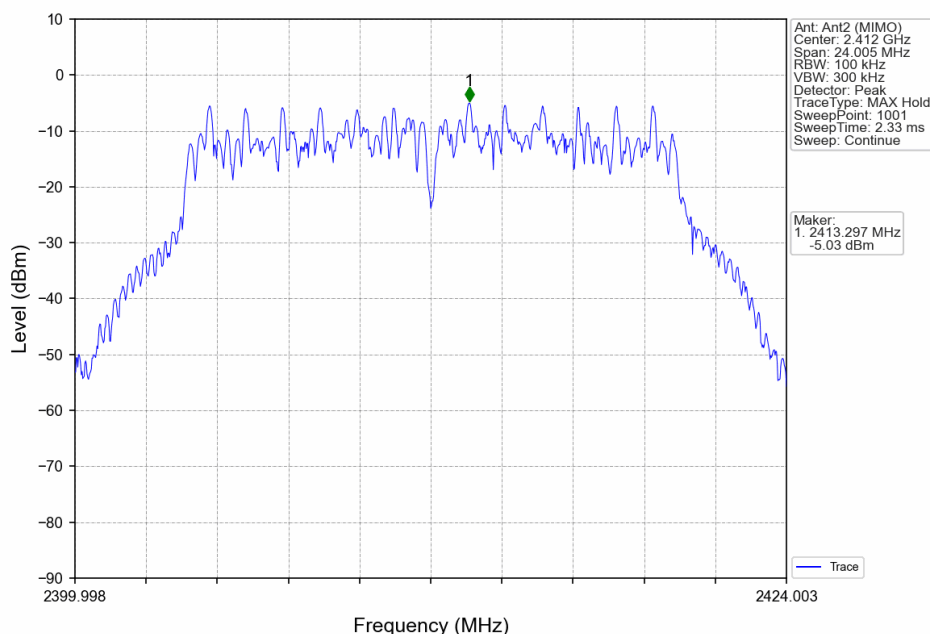
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



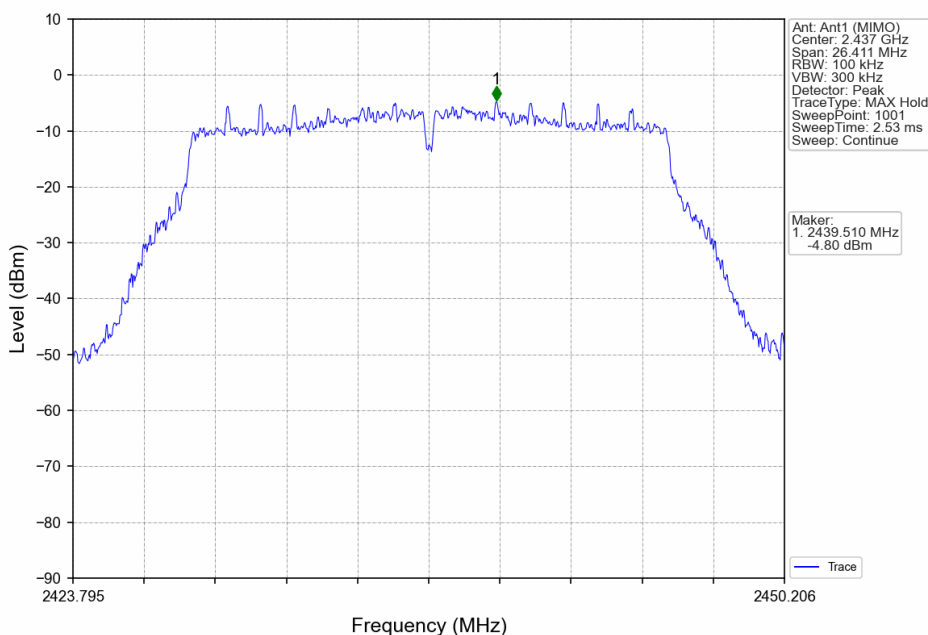
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



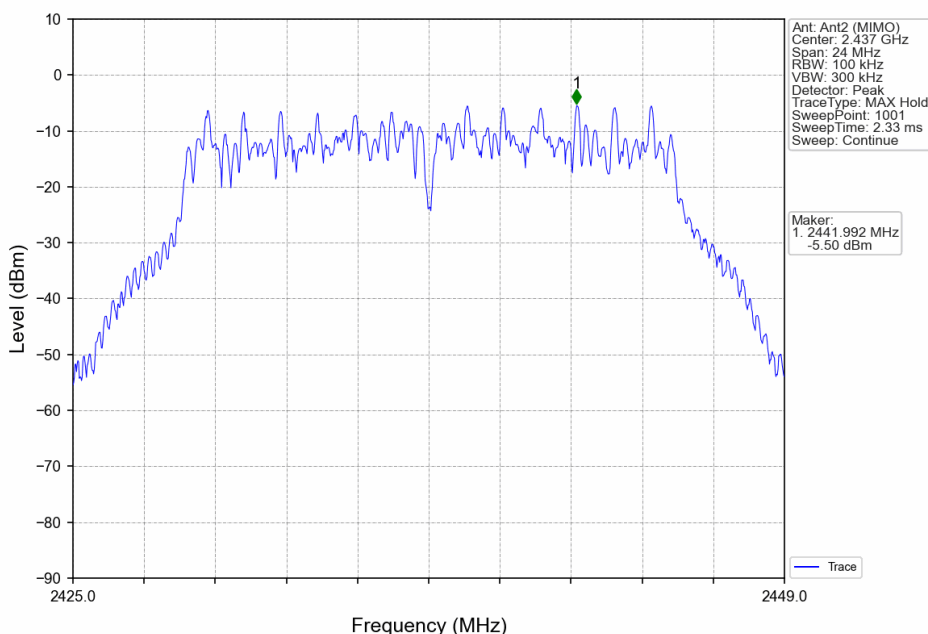
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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



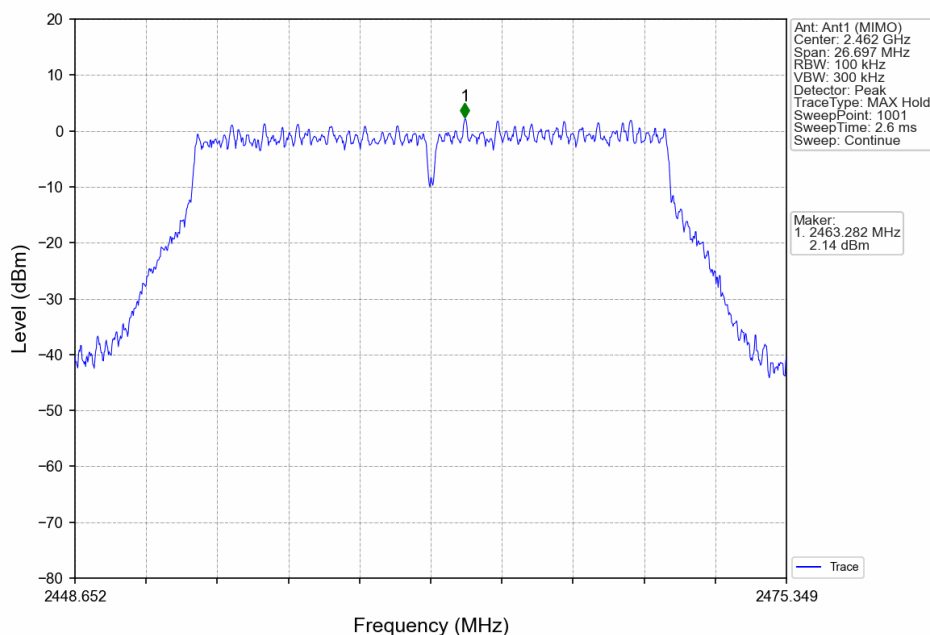
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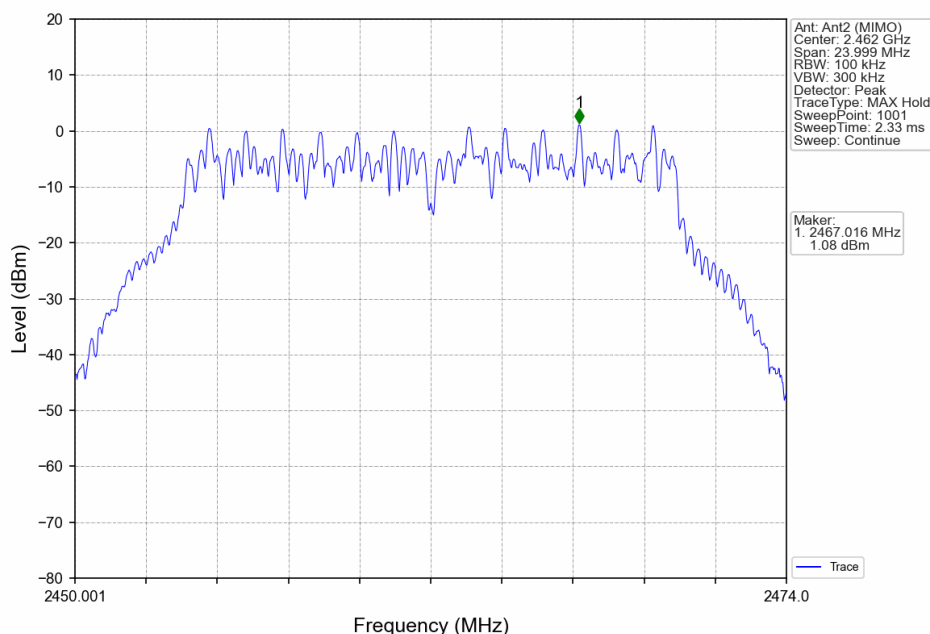
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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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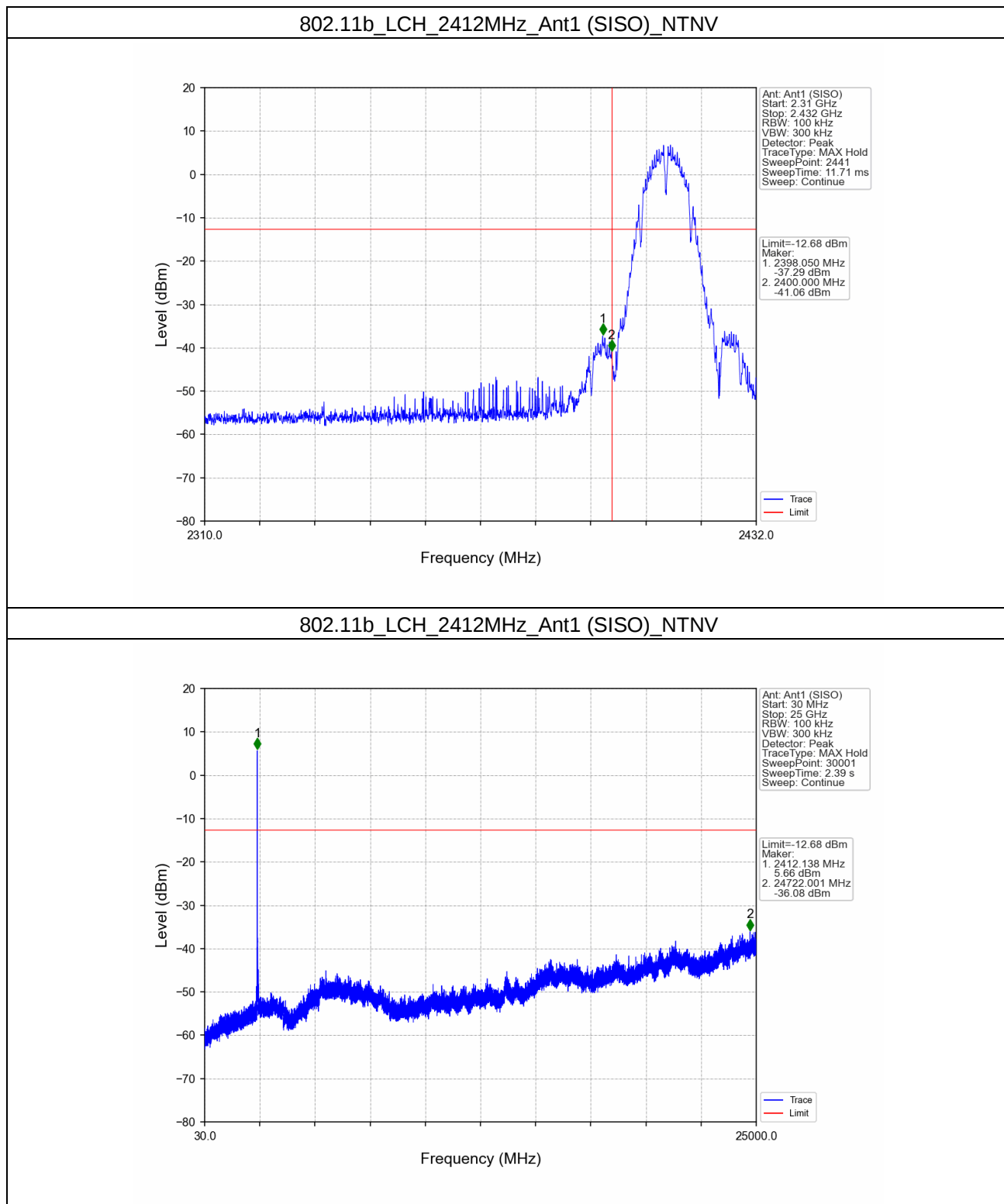
5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.32	-12.68	Pass
			2	6.51	-13.49	Pass
		2437	1	7.32	-12.68	Pass
			2	6.51	-13.49	Pass
		2462	1	7.32	-12.68	Pass
			2	6.51	-13.49	Pass
802.11g	SISO	2412	1	-2.86	-22.86	Pass
			2	-3.46	-23.46	Pass
		2437	1	-2.86	-22.86	Pass
			2	-3.46	-23.46	Pass
		2462	1	-2.86	-22.86	Pass
			2	-3.46	-23.46	Pass
802.11n (HT20)	MIMO	2412	1	2.14	-17.86	Pass
			2	1.08	-18.92	Pass
		2437	1	2.14	-17.86	Pass
			2	1.08	-18.92	Pass
		2462	1	2.14	-17.86	Pass
			2	1.08	-18.92	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.

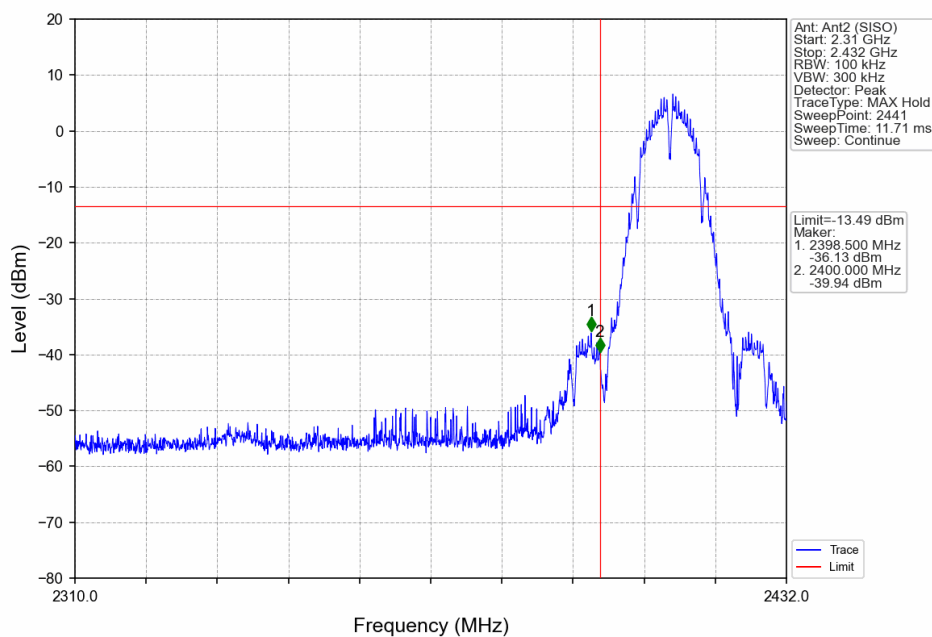
5.2.2 Test Graph



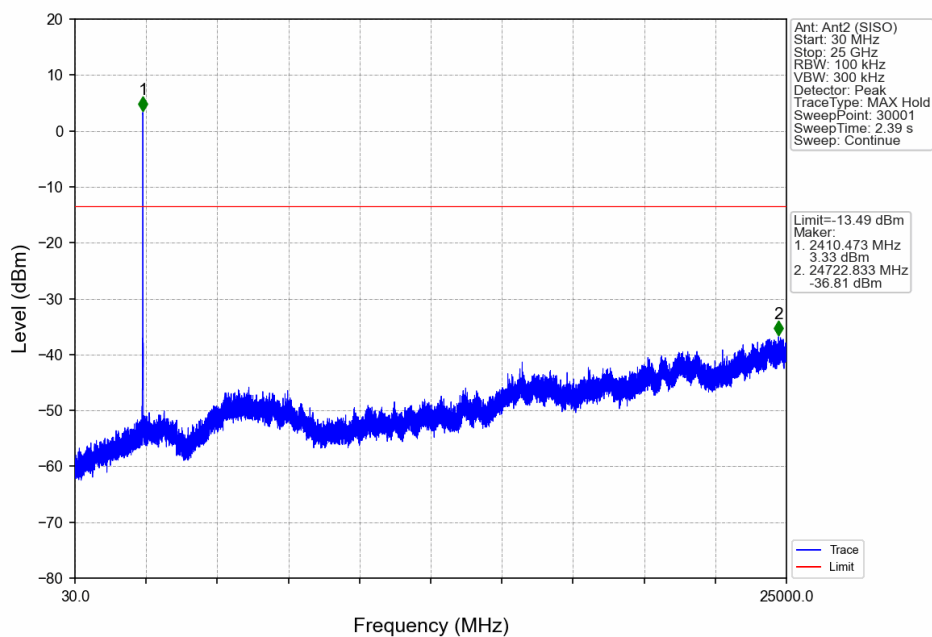
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802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



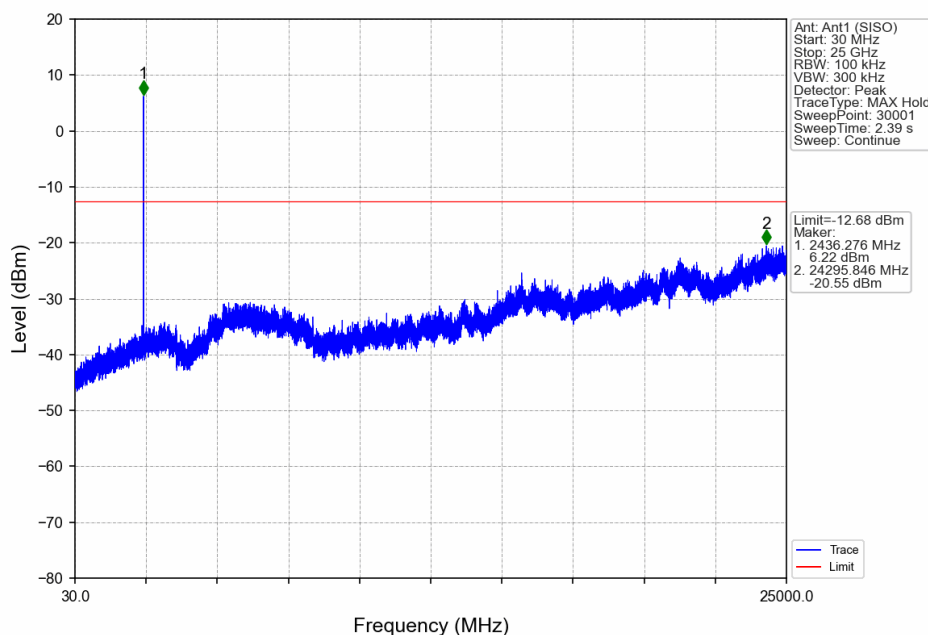
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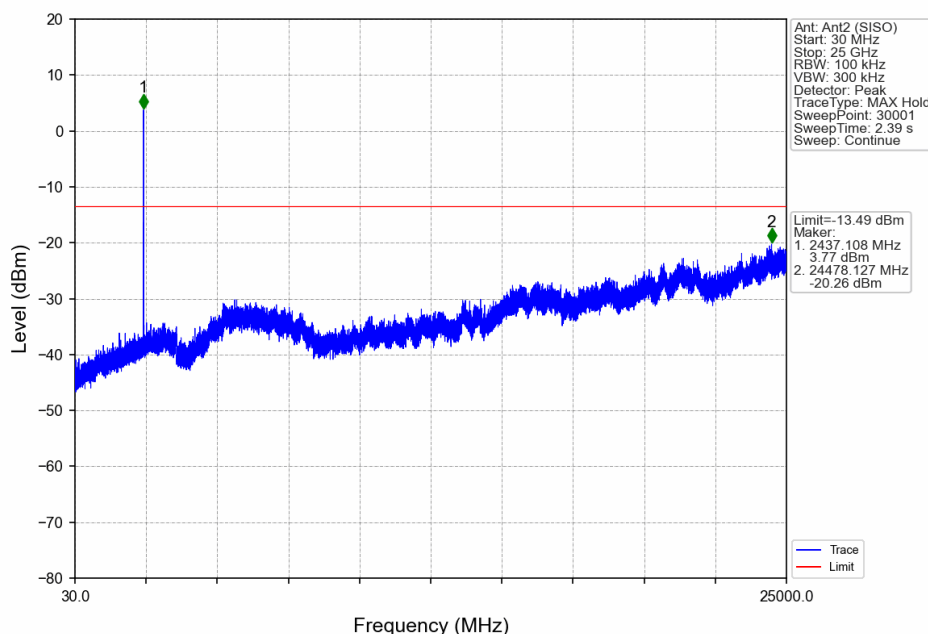
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



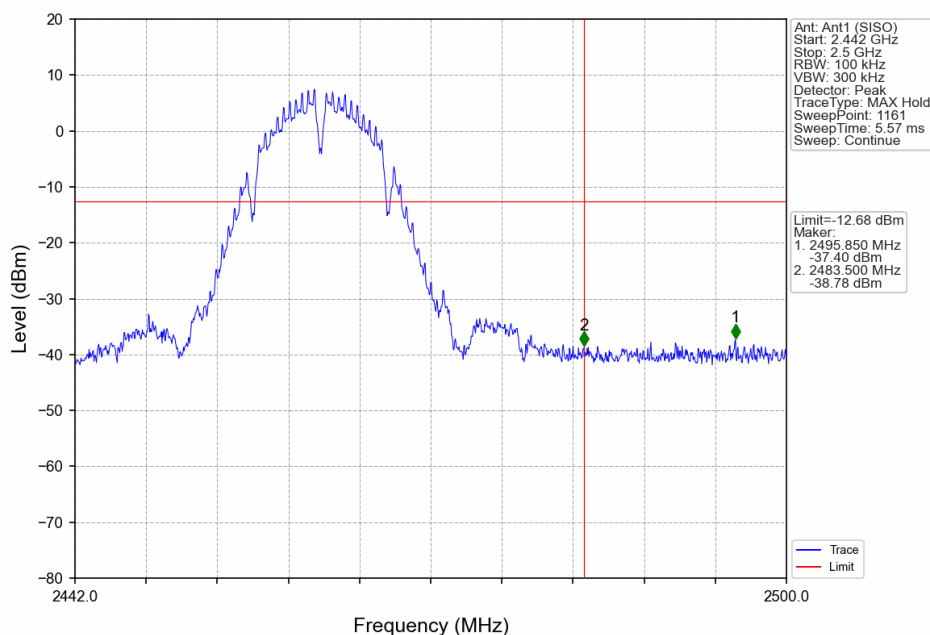
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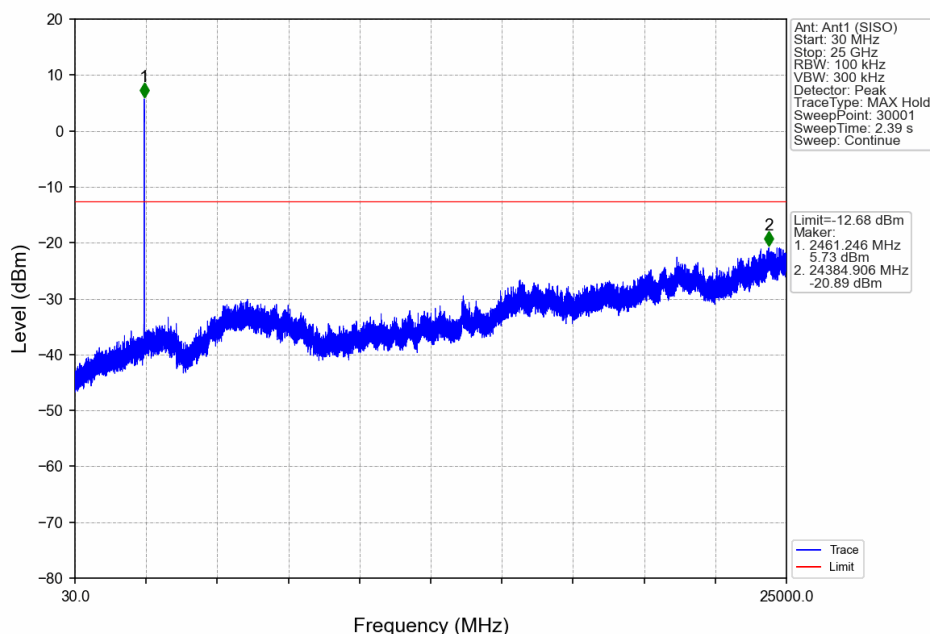
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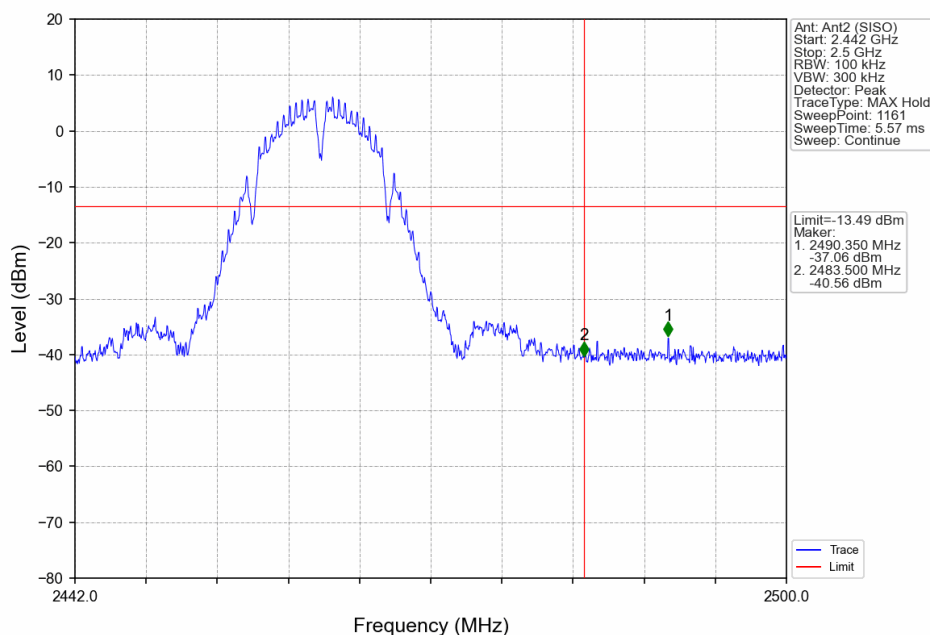
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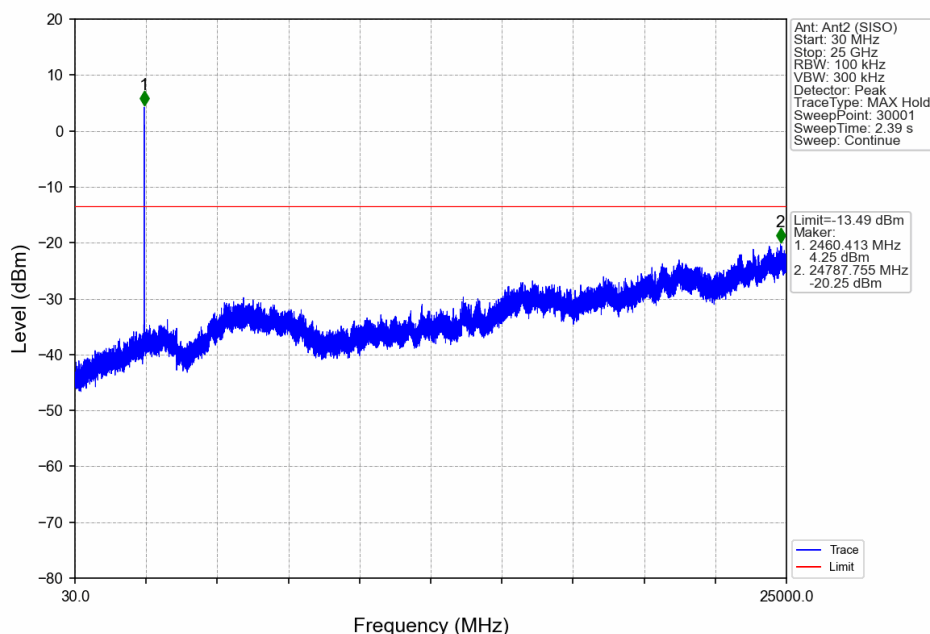
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802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



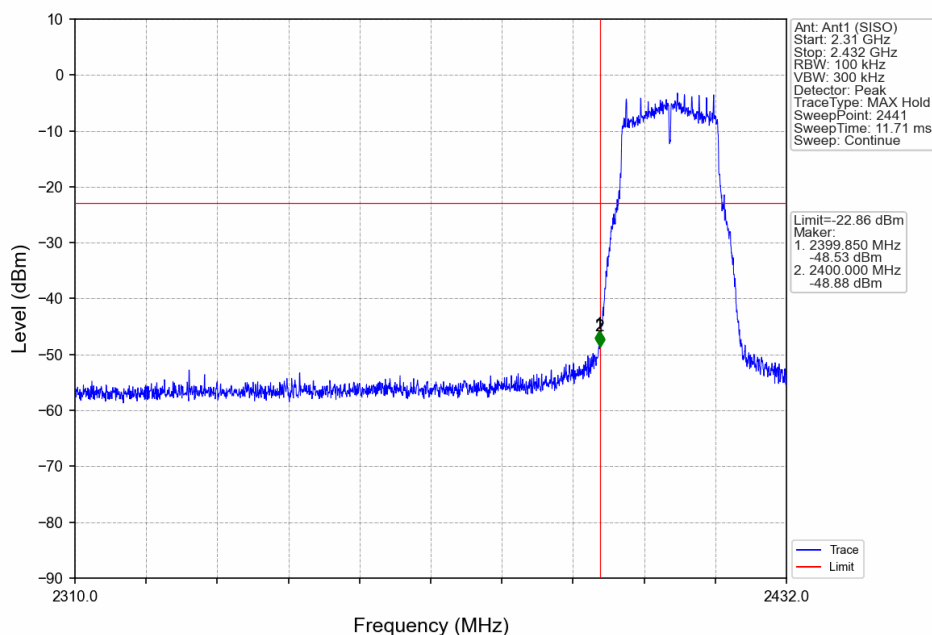
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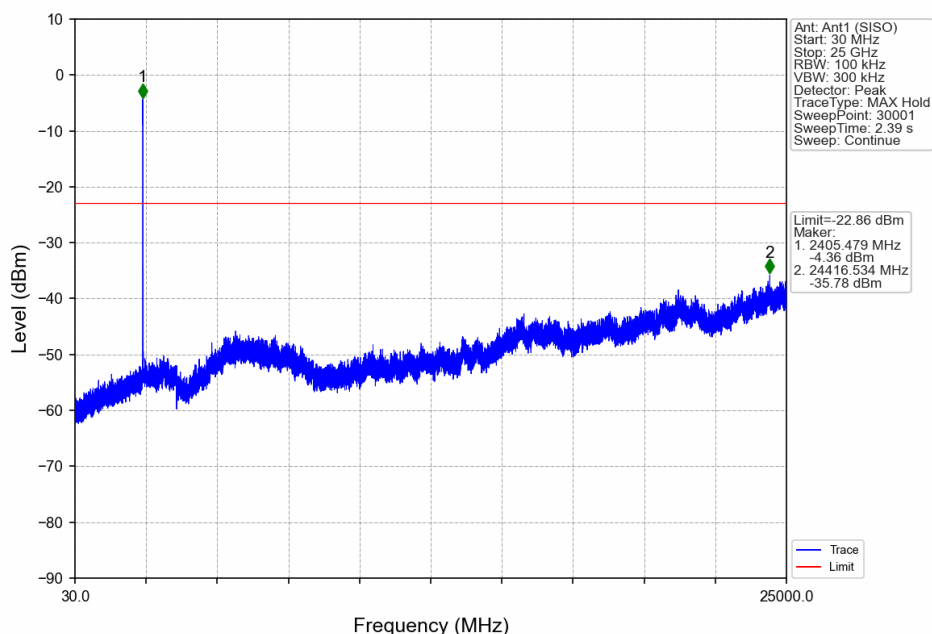
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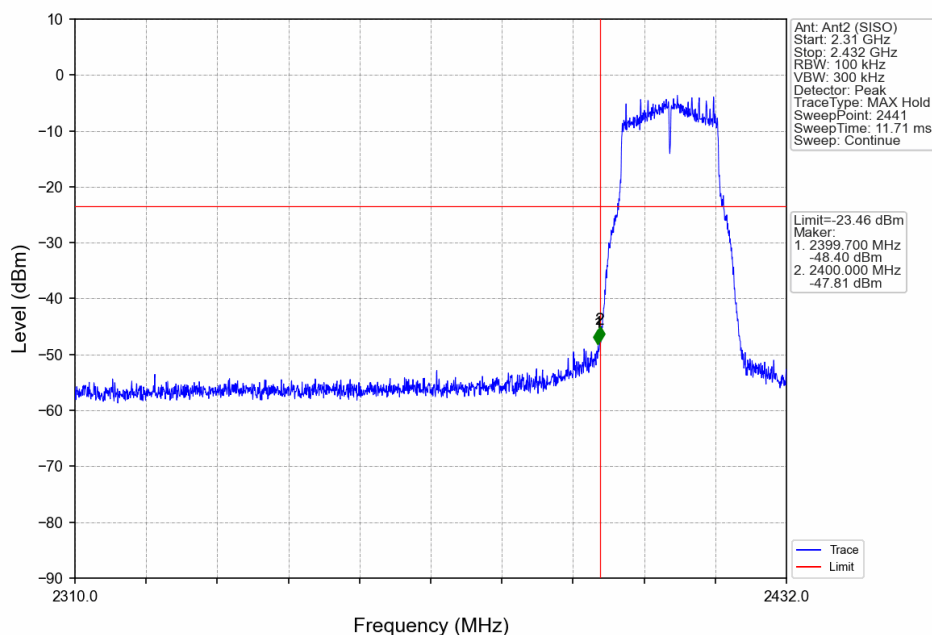
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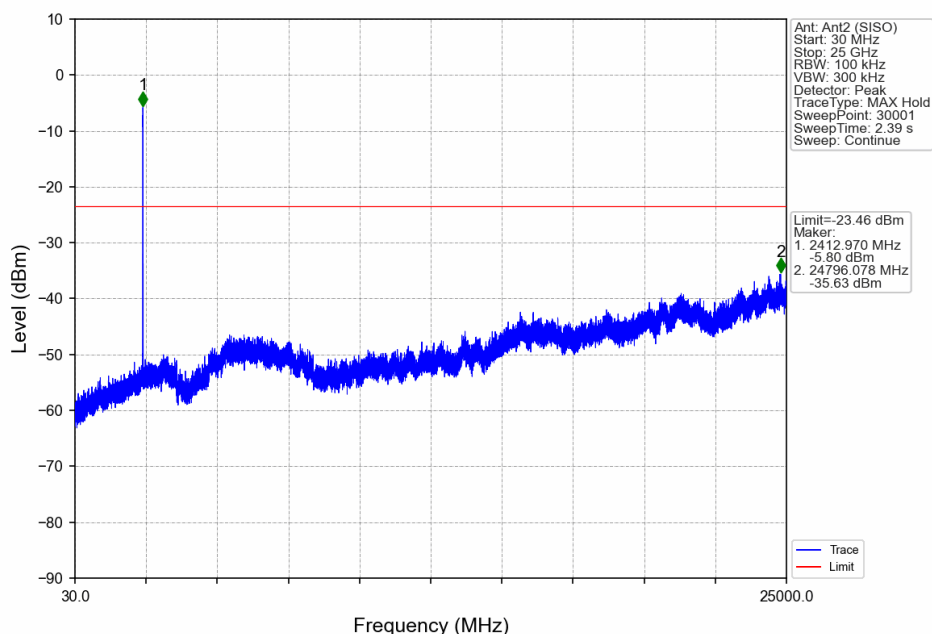
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802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



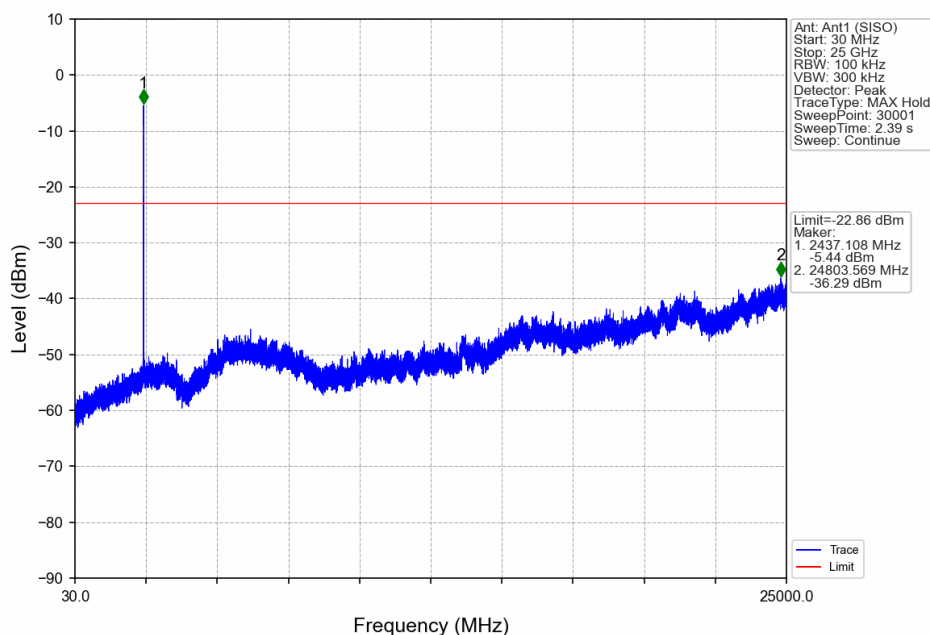
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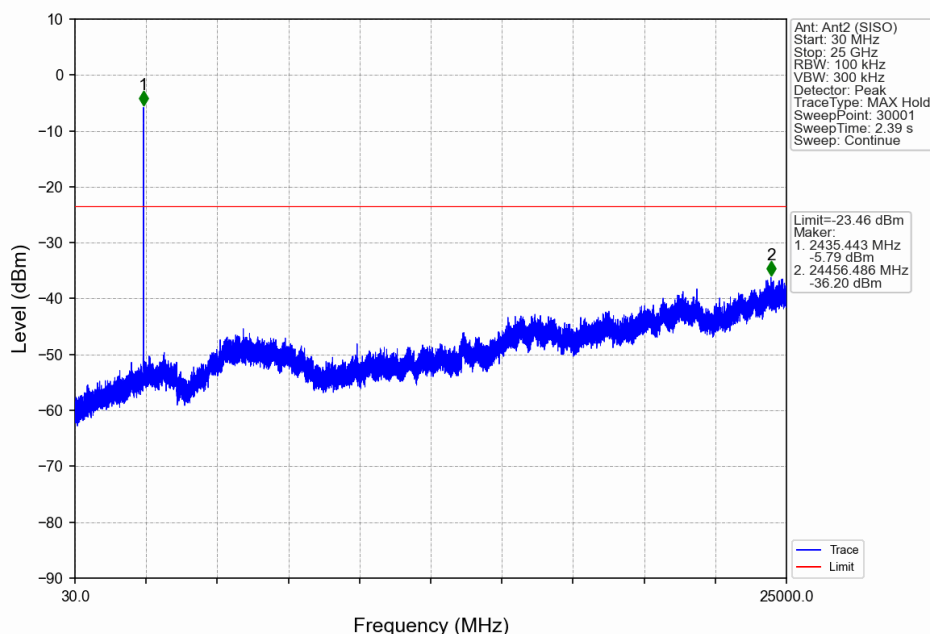
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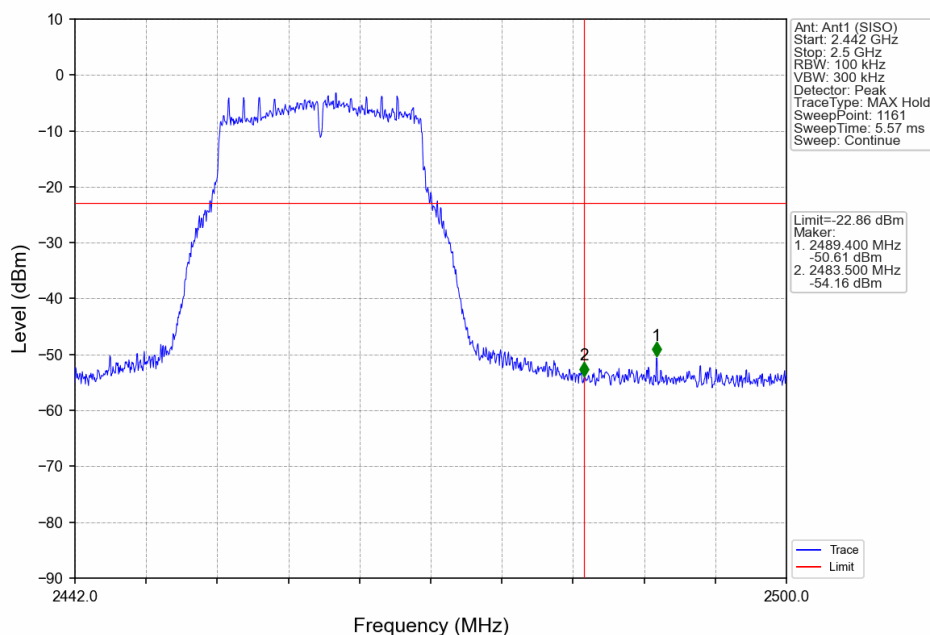
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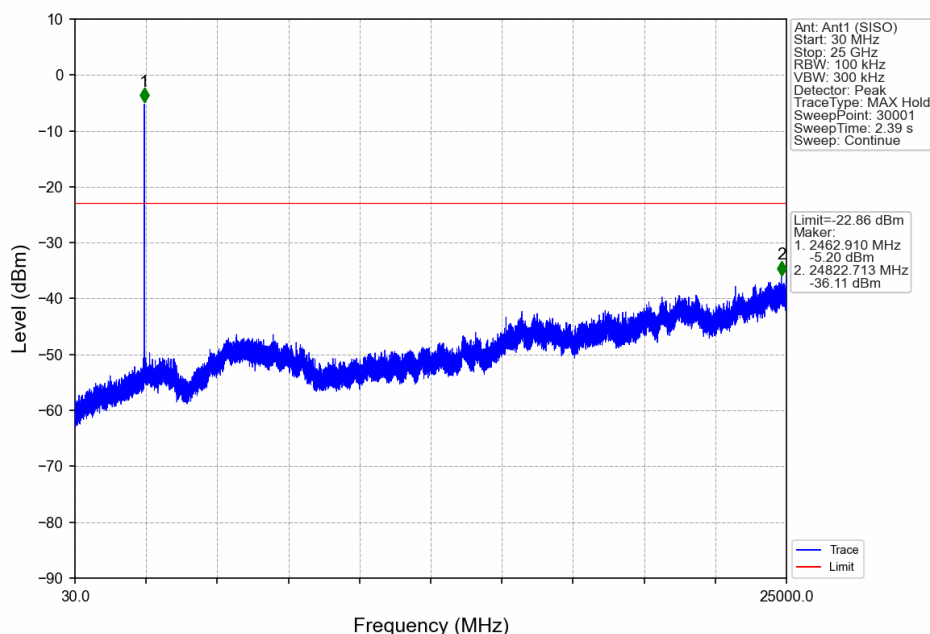
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



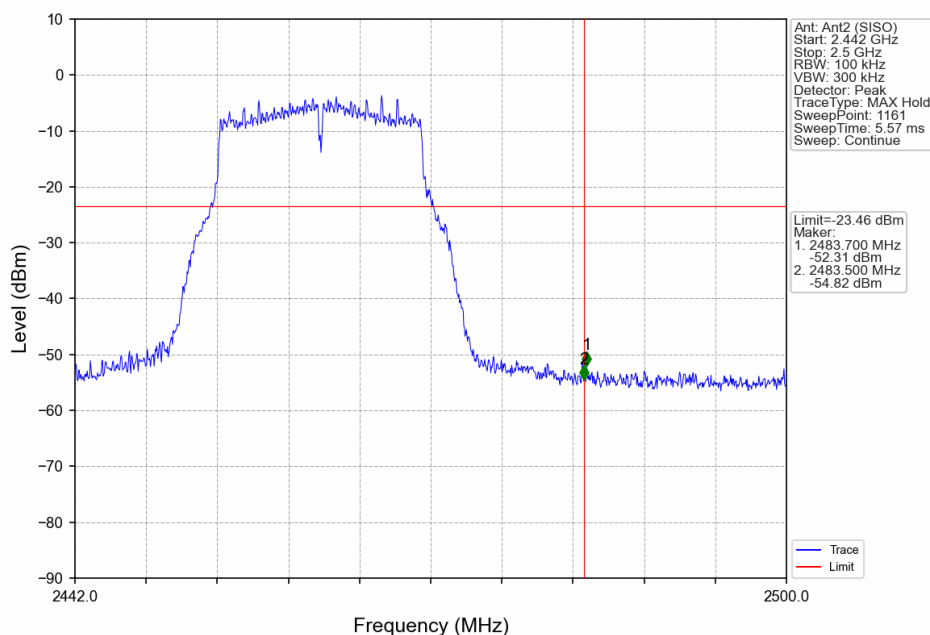
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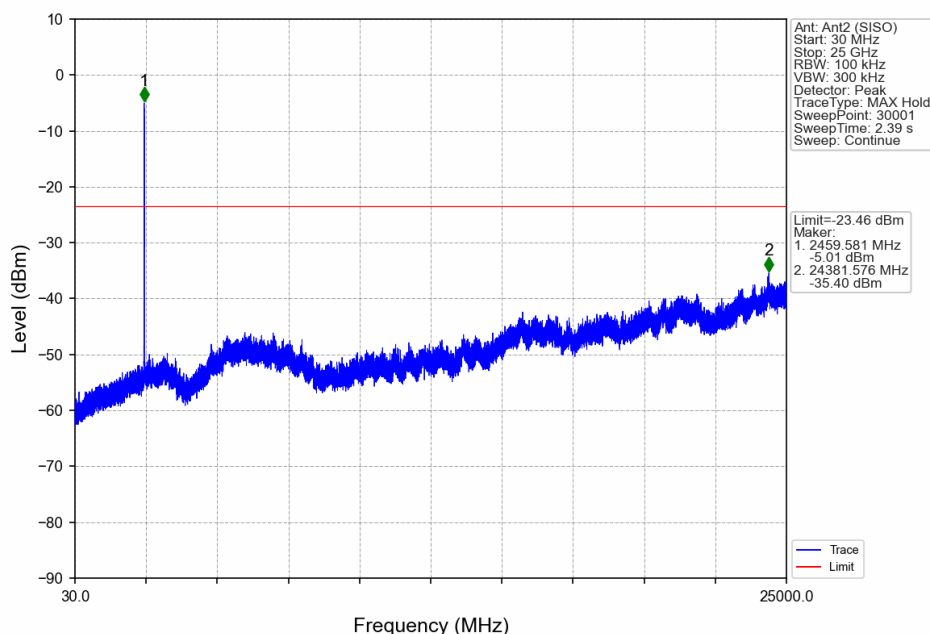
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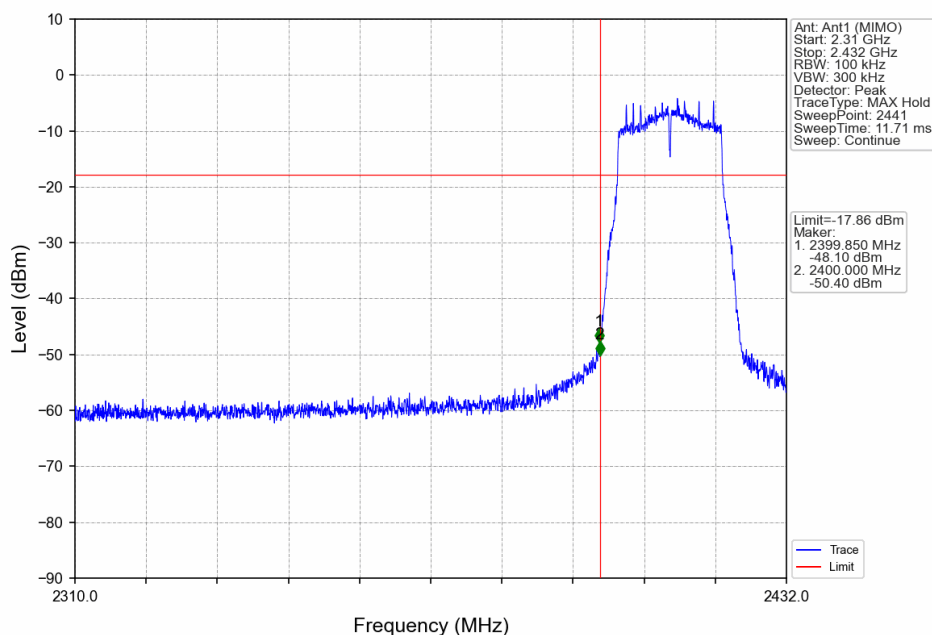
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



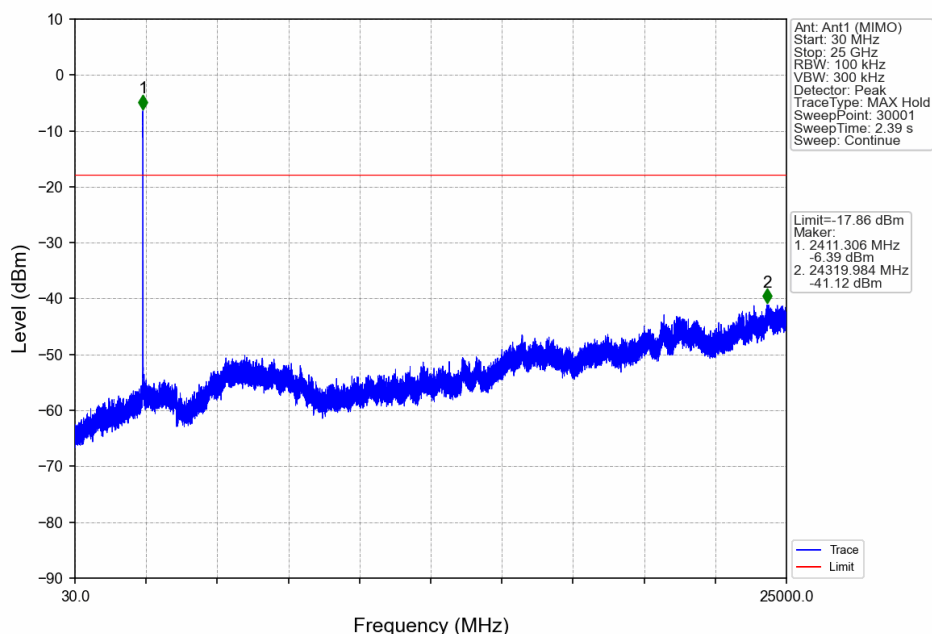
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802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



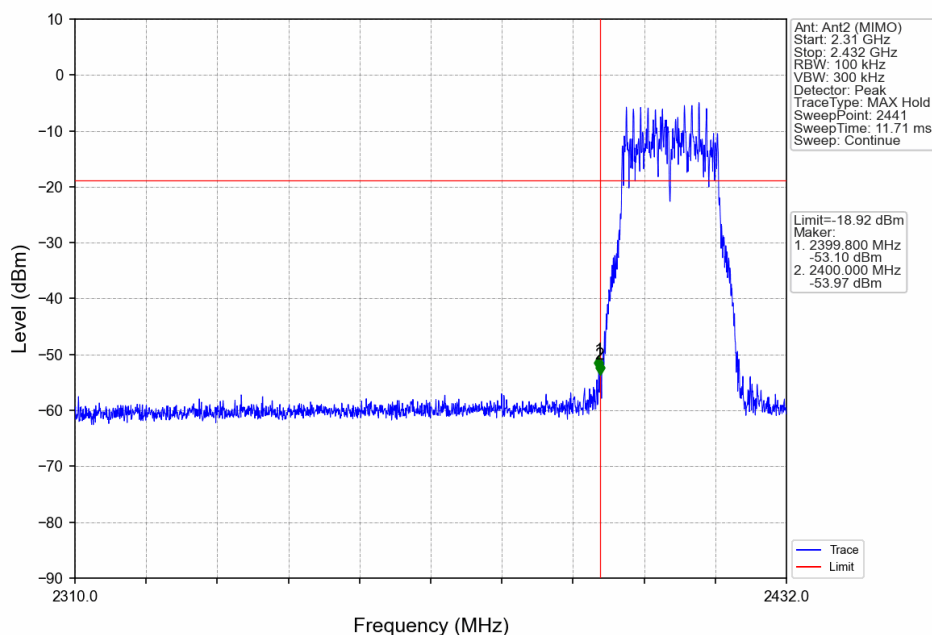
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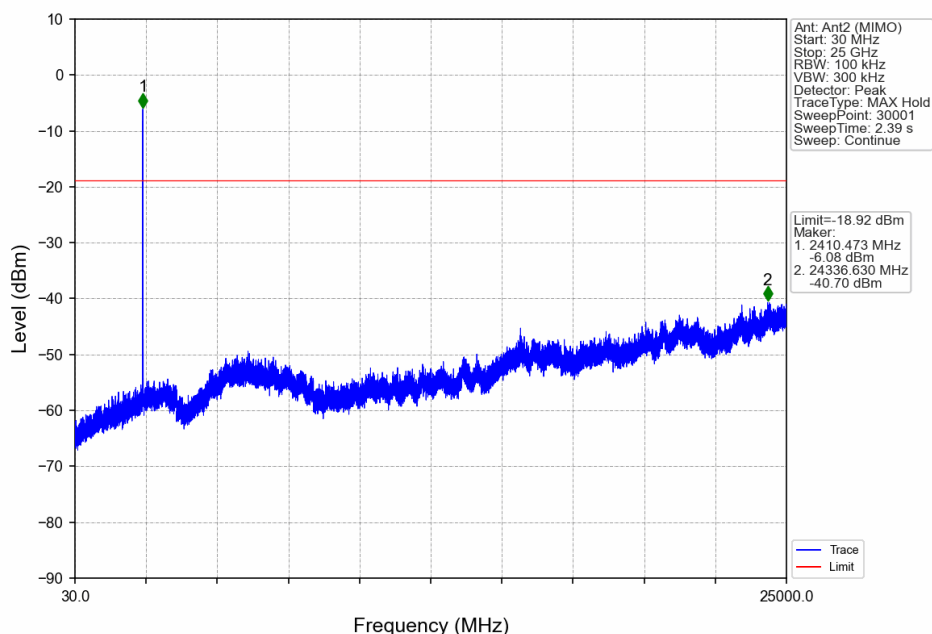
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802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



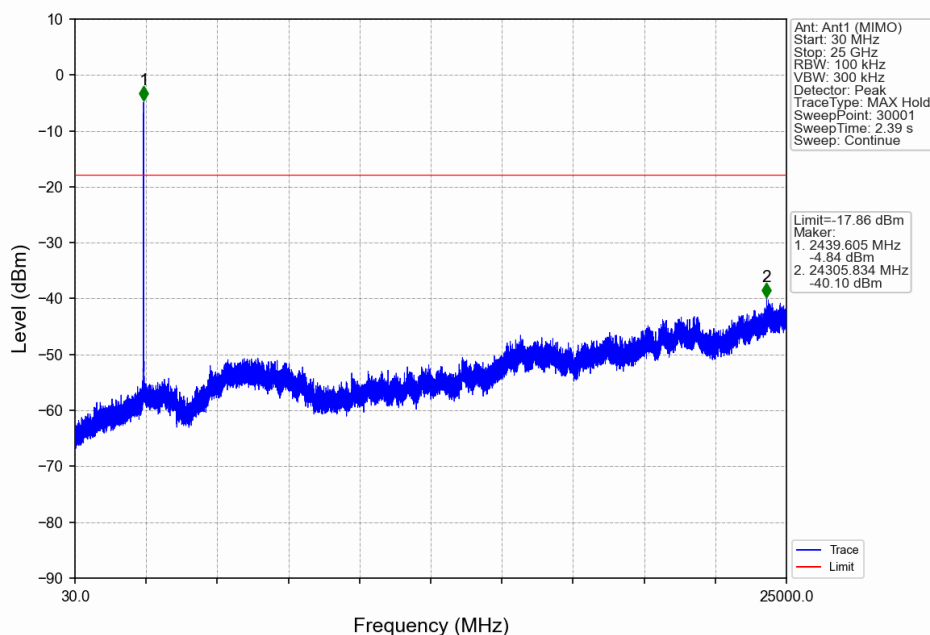
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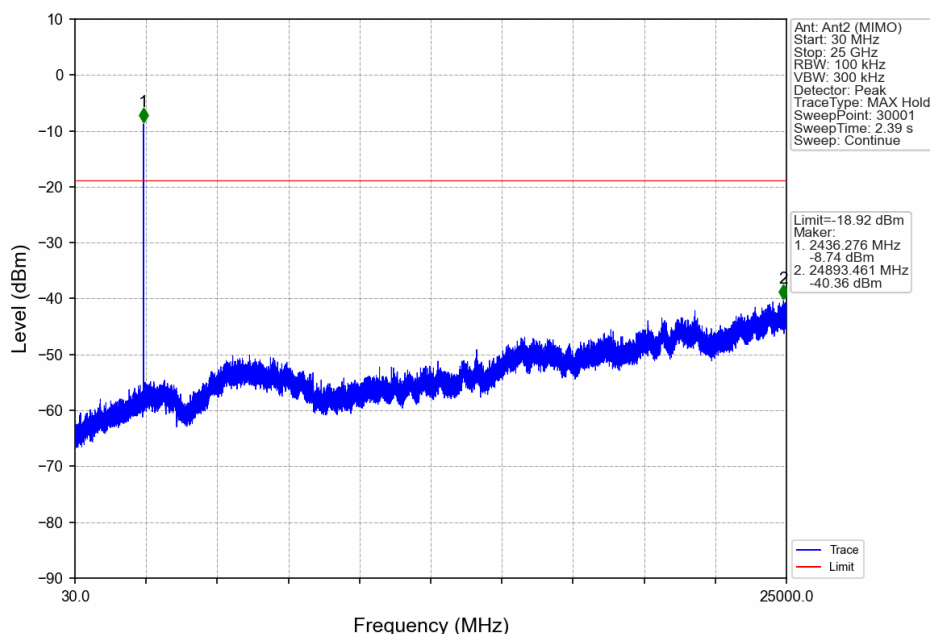
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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

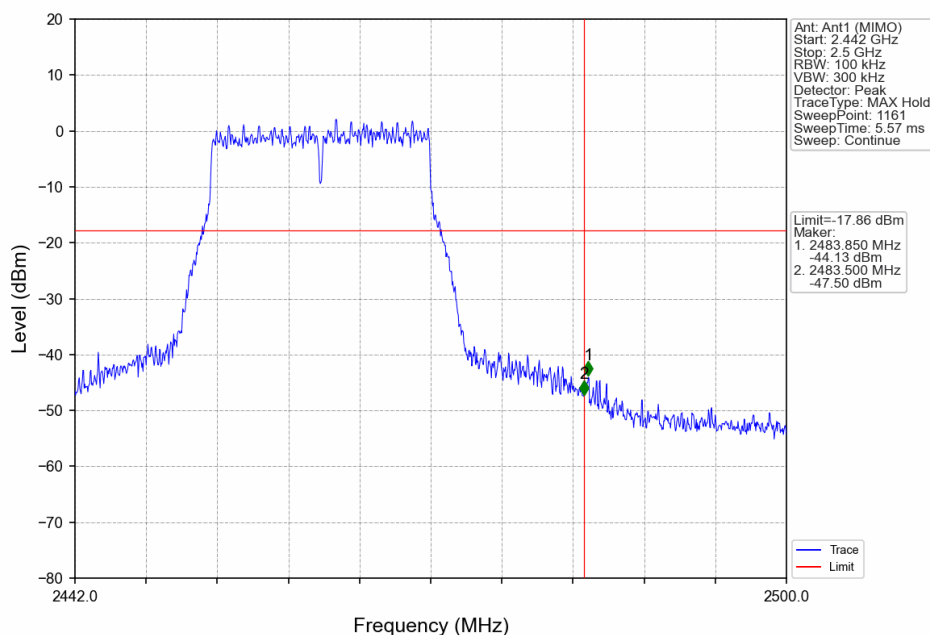


802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV

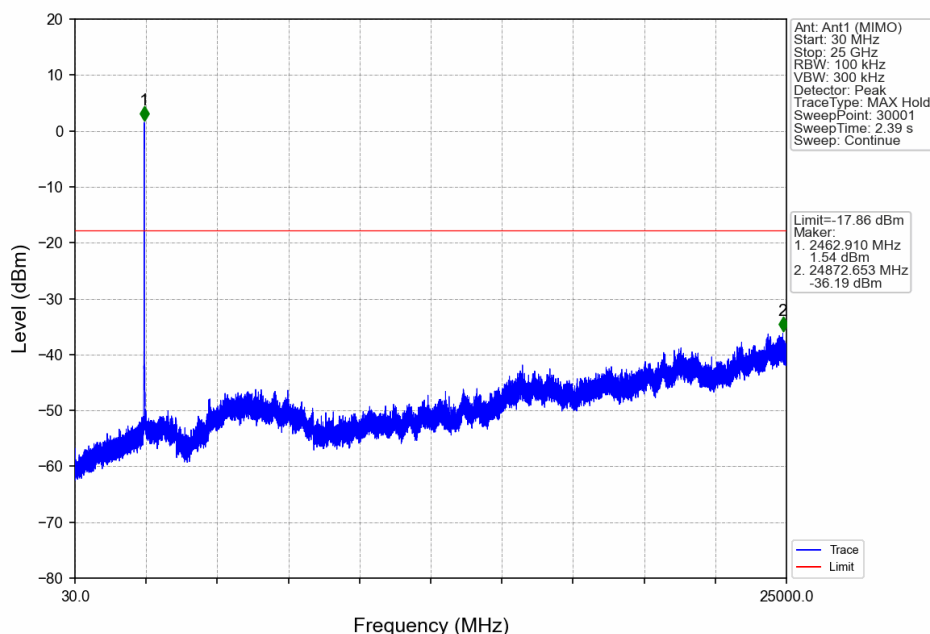


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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

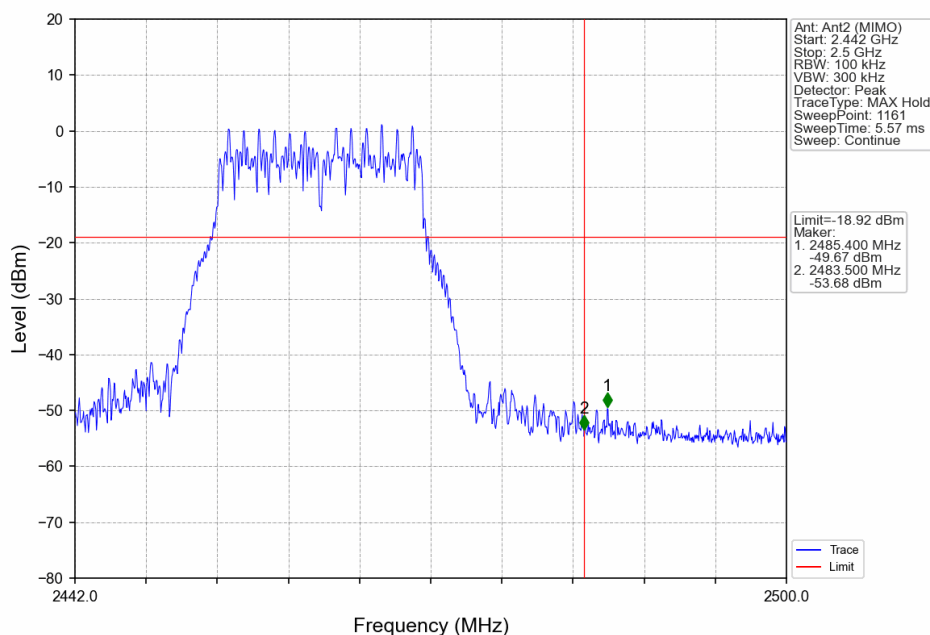


802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

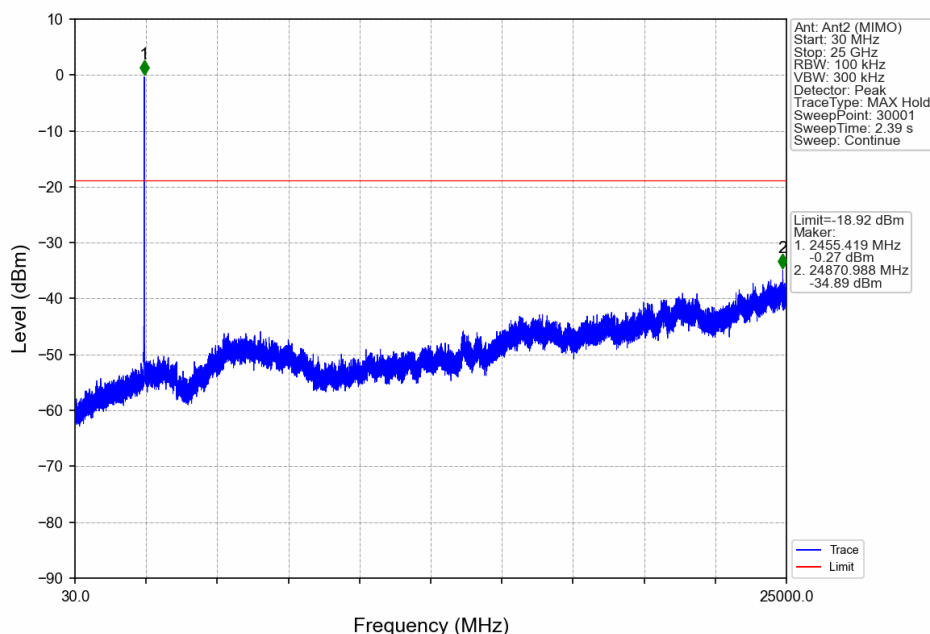


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802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



- End of the Report -



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