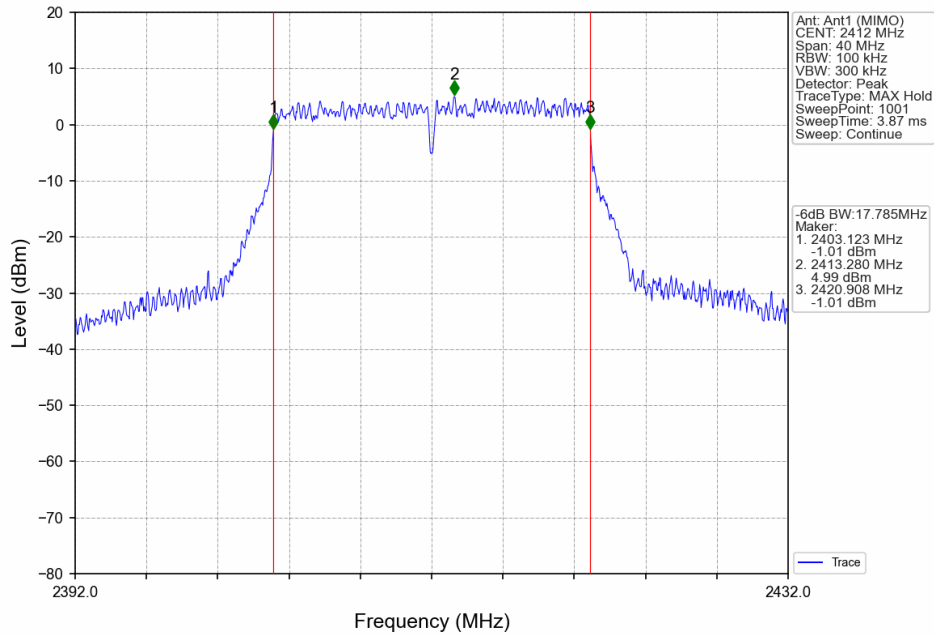
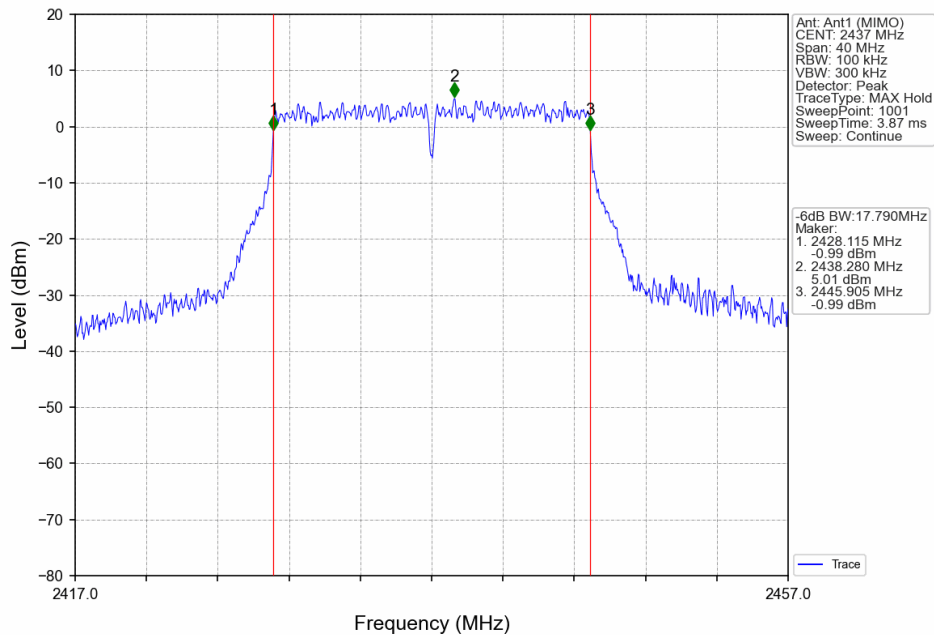


802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

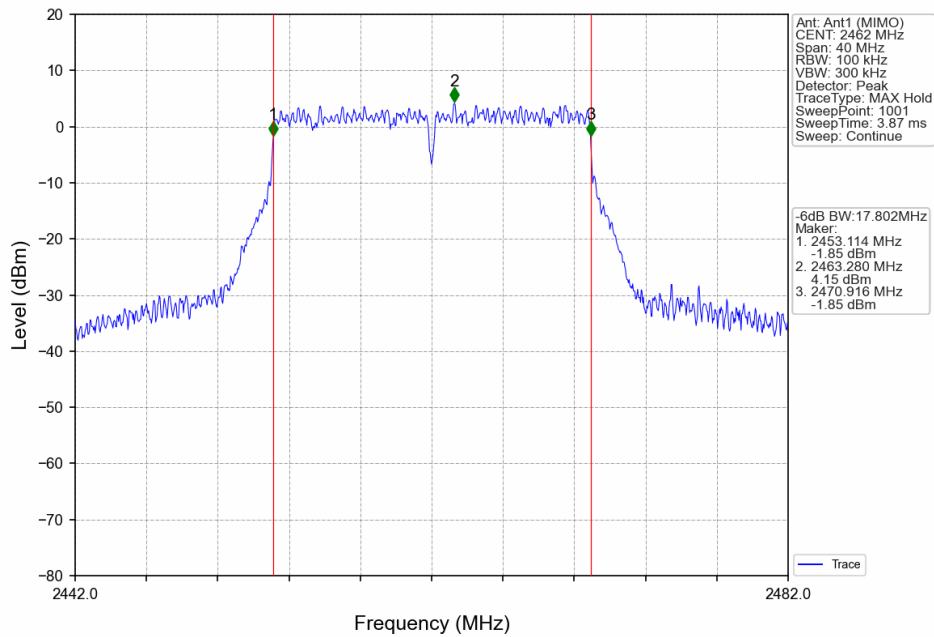


802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_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	ANT2	MIMO	Limit	
802.11b	SISO	2412	18.38	17.96	/	<=30	Pass
		2437	18.05	17.89	/	<=30	Pass
		2462	18.03	17.78	/	<=30	Pass
802.11g	SISO	2412	14.87	14.68	/	<=30	Pass
		2437	15.00	14.55	/	<=30	Pass
		2462	14.81	14.32	/	<=30	Pass
802.11n (HT20)	MIMO	2412	13.95	13.40	16.69	<=30	Pass
		2437	13.92	13.47	16.71	<=30	Pass
		2462	13.90	13.54	16.73	<=30	Pass

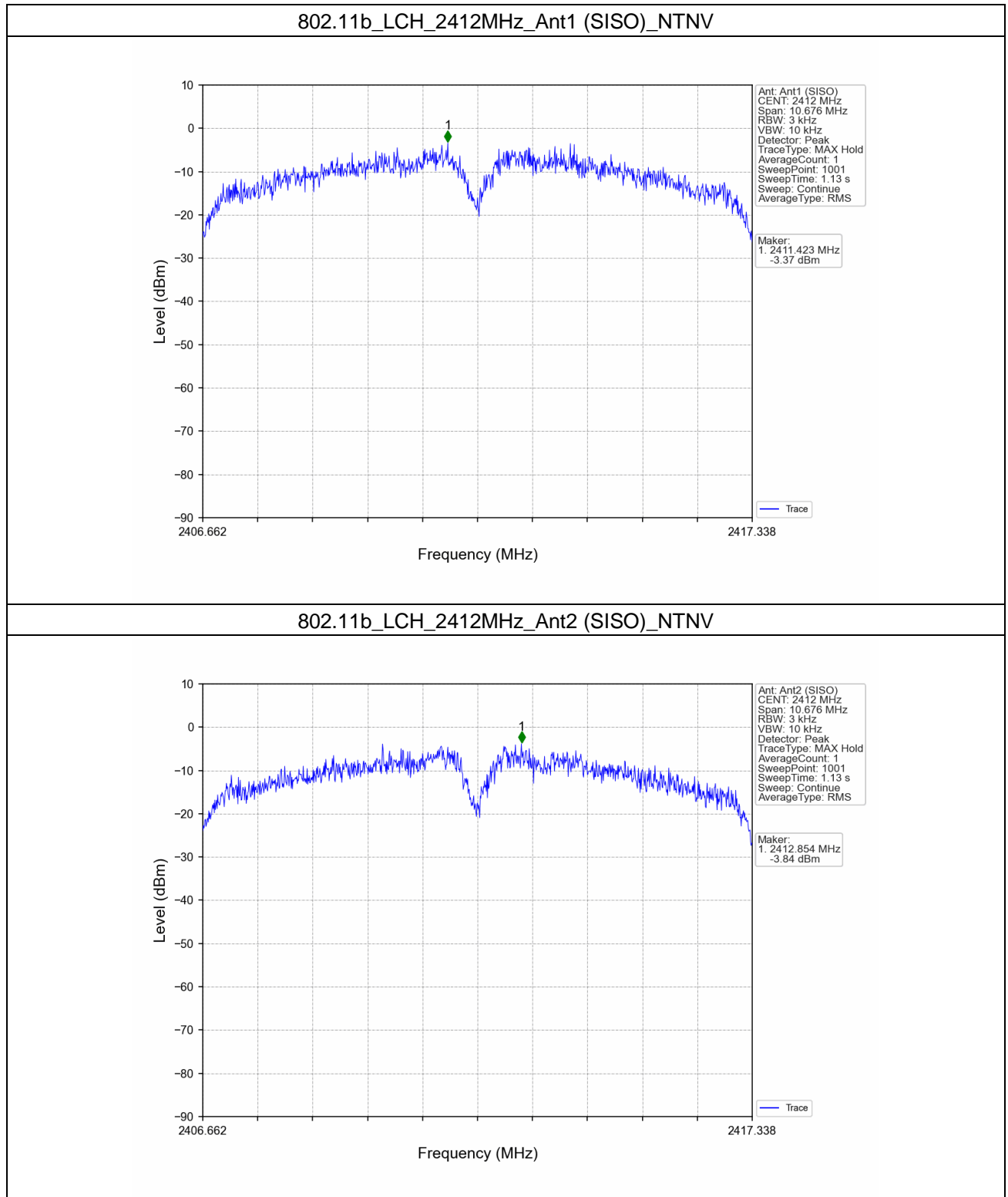
4. Maximum Power Spectral Density

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	-3.37	-3.84	/	<=8	Pass
		2437	-3.09	-3.55	/	<=8	Pass
		2462	-3.84	-3.31	/	<=8	Pass
802.11g	SISO	2412	-7.99	-8.56	/	<=8	Pass
		2437	-8.28	-8.00	/	<=8	Pass
		2462	-8.87	-8.25	/	<=8	Pass
802.11n (HT20)	MIMO	2412	-9.78	-9.96	-7.33	<=8	Pass
		2437	-9.44	-10.77	-7.77	<=8	Pass
		2462	-9.93	-8.93	-6.58	<=8	Pass

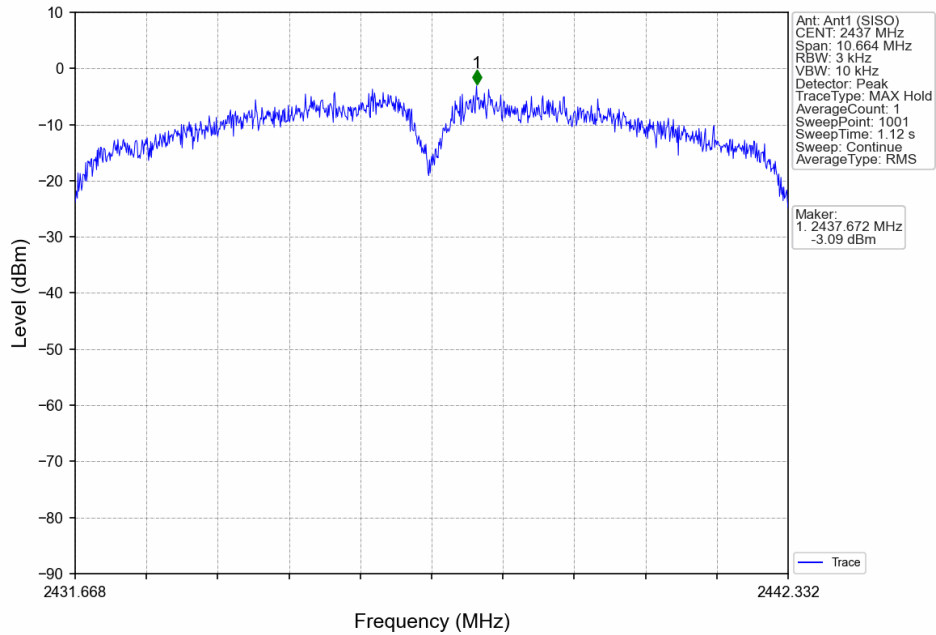
4.1.2 Test Graph



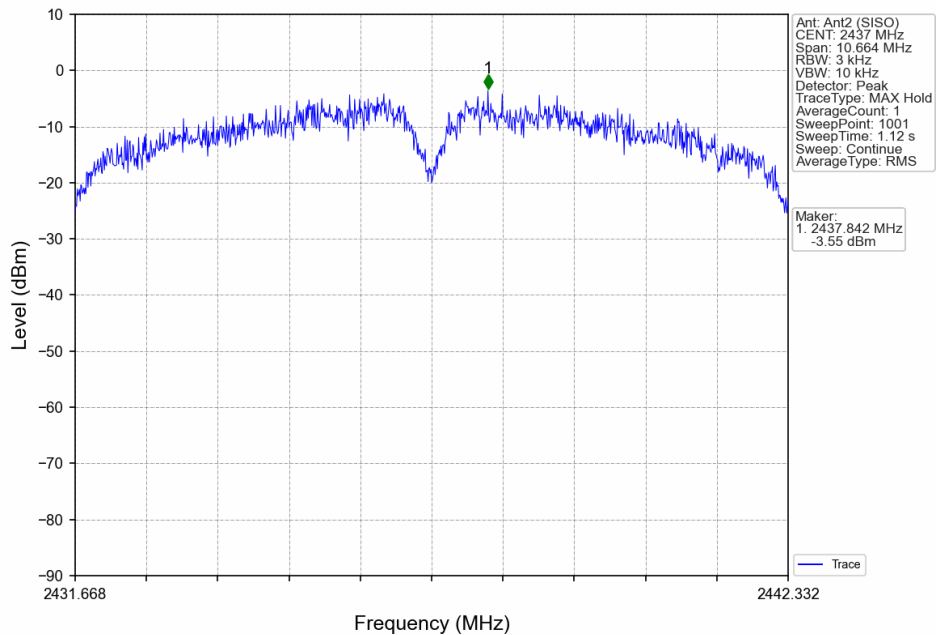
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



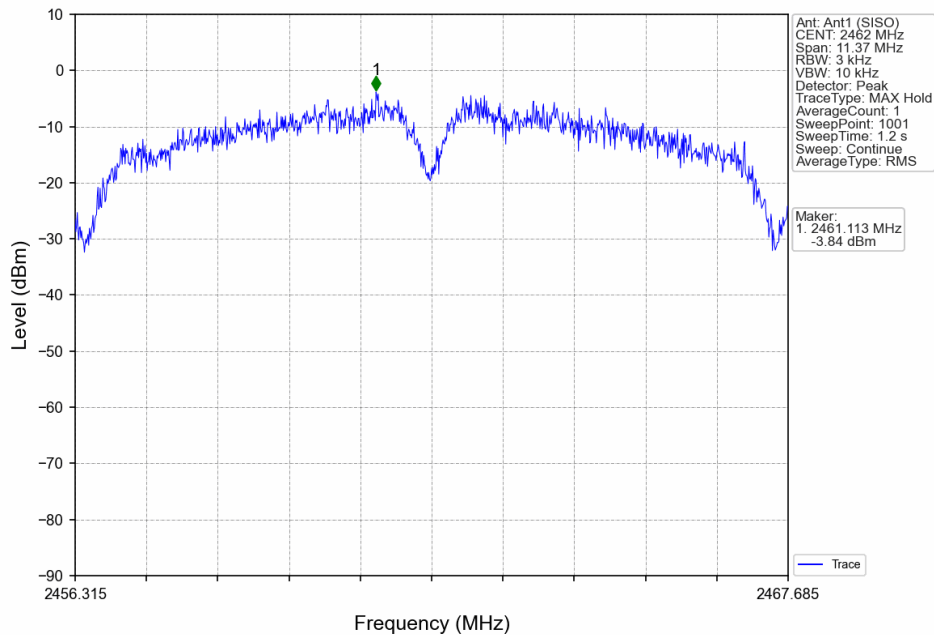
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



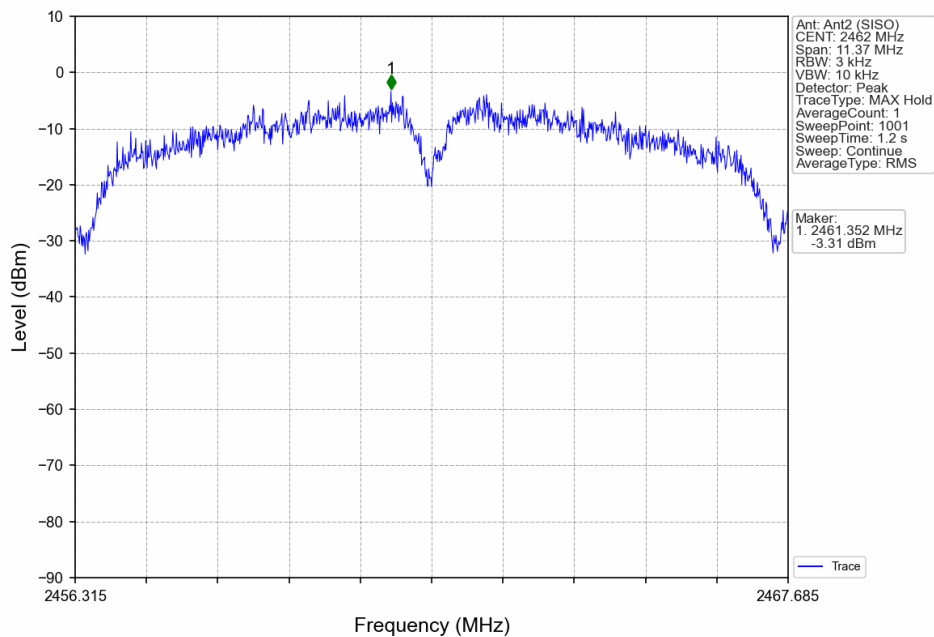
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



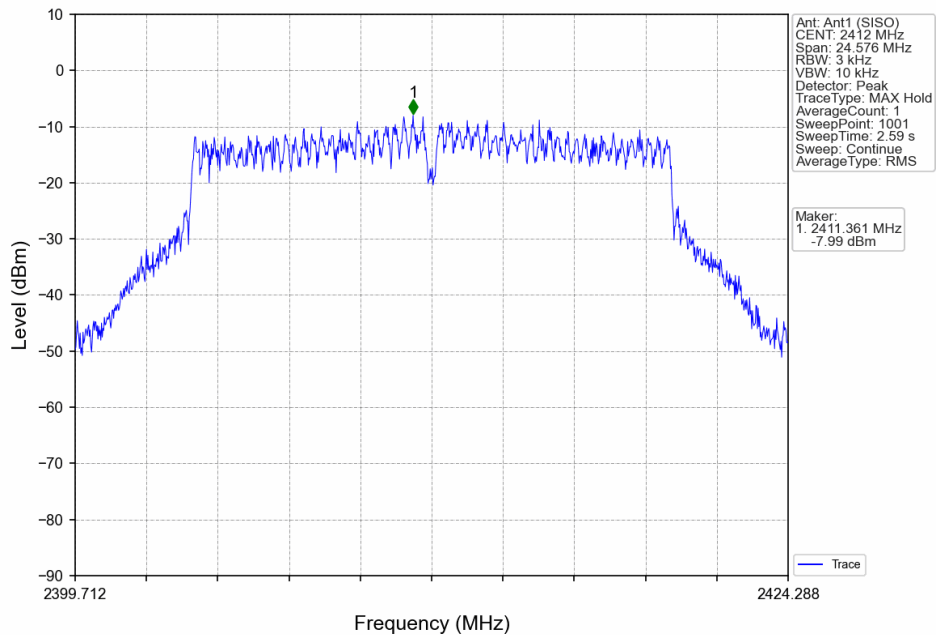
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



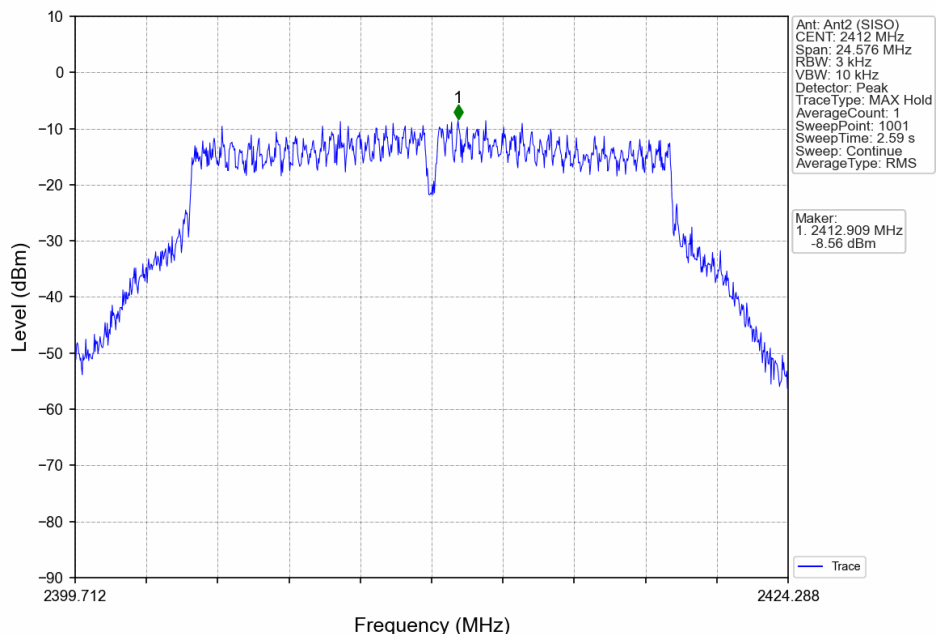
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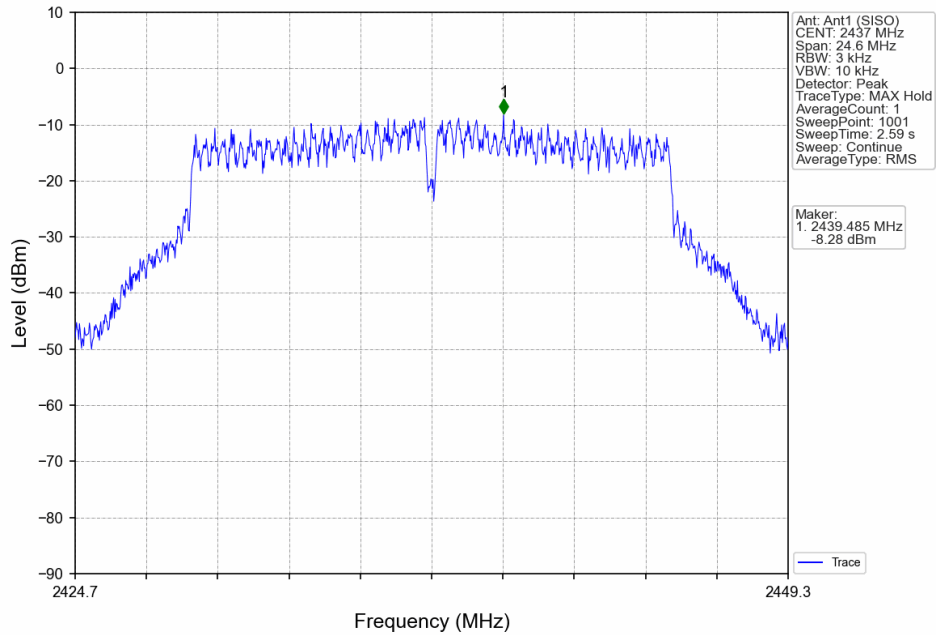
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



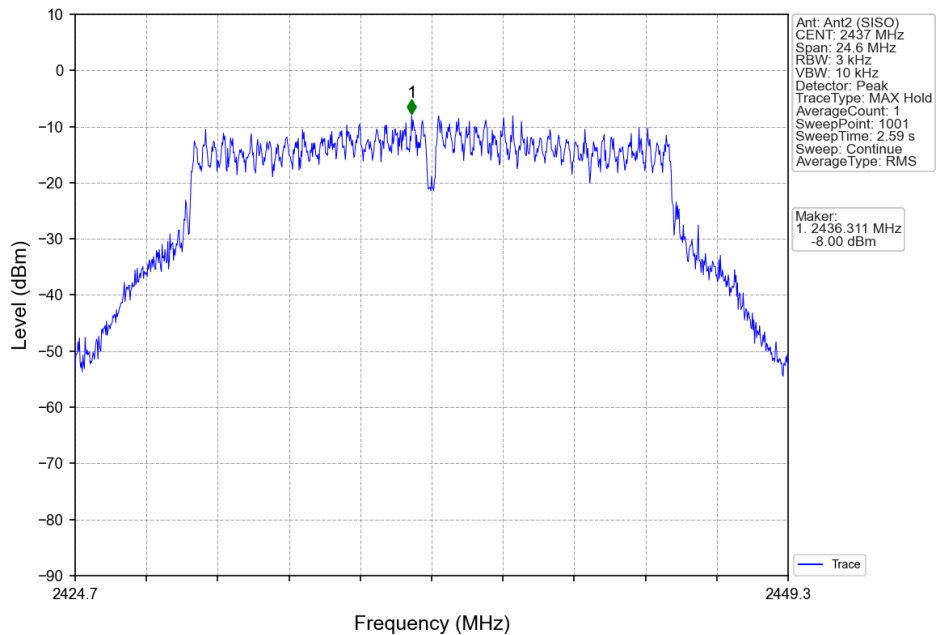
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



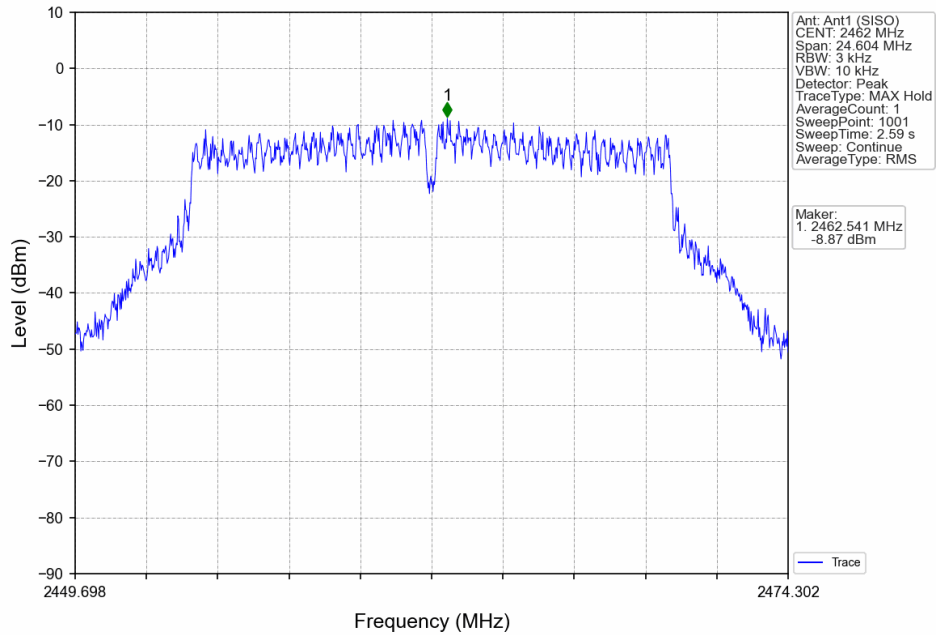
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



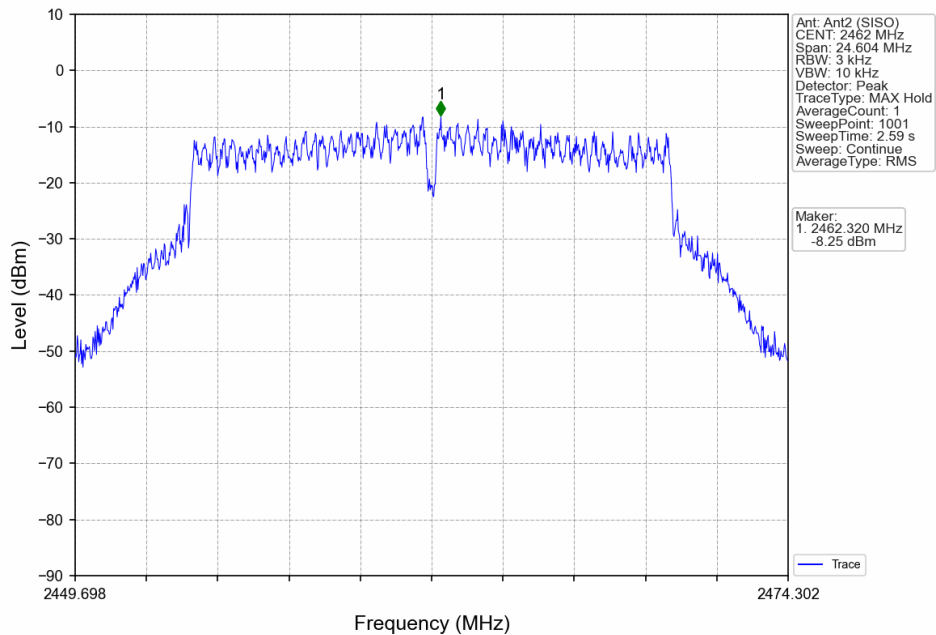
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

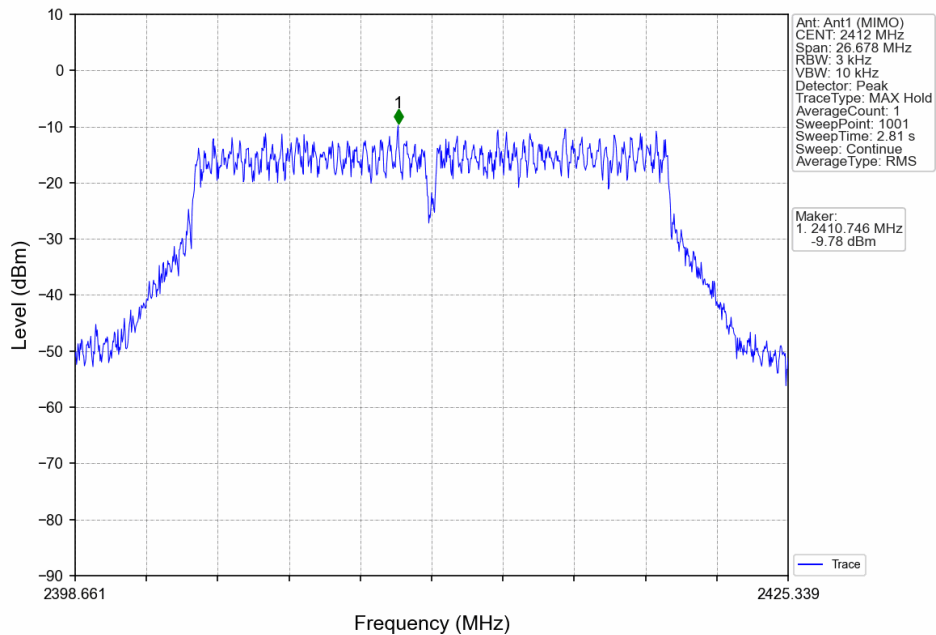


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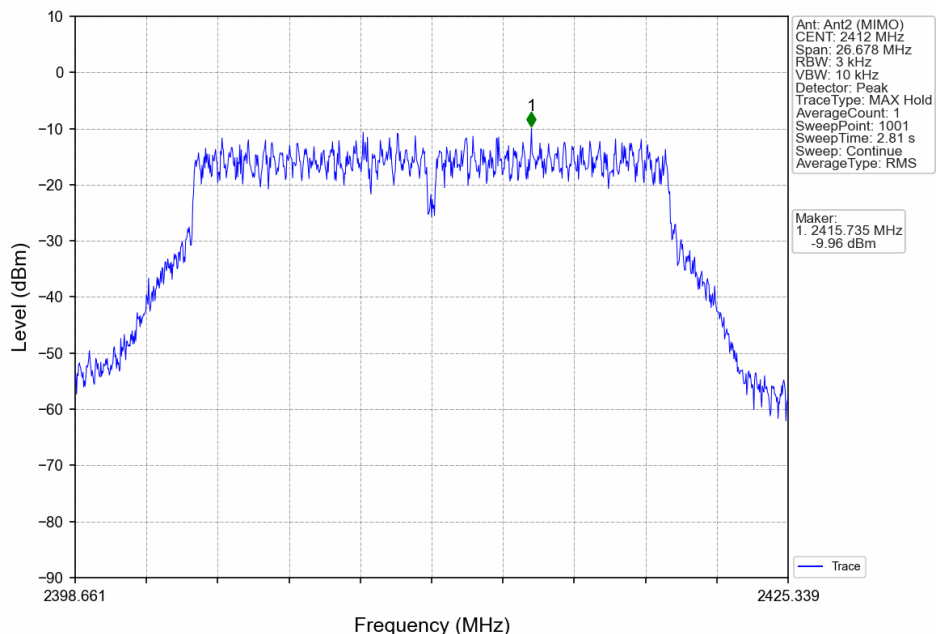
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Guangzhou branch Technical Services Co., Ltd. EEC Laboratory, 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

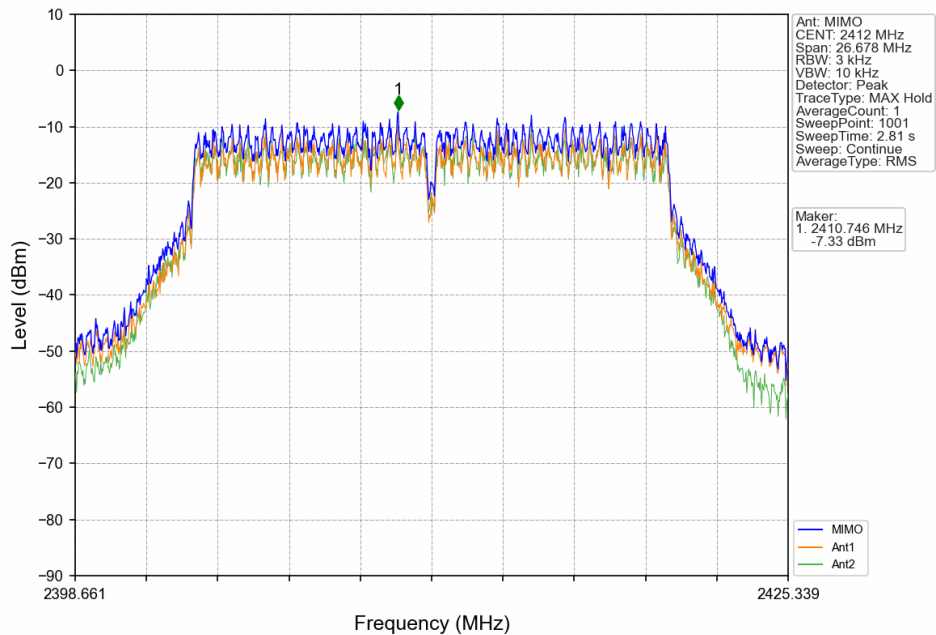


802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

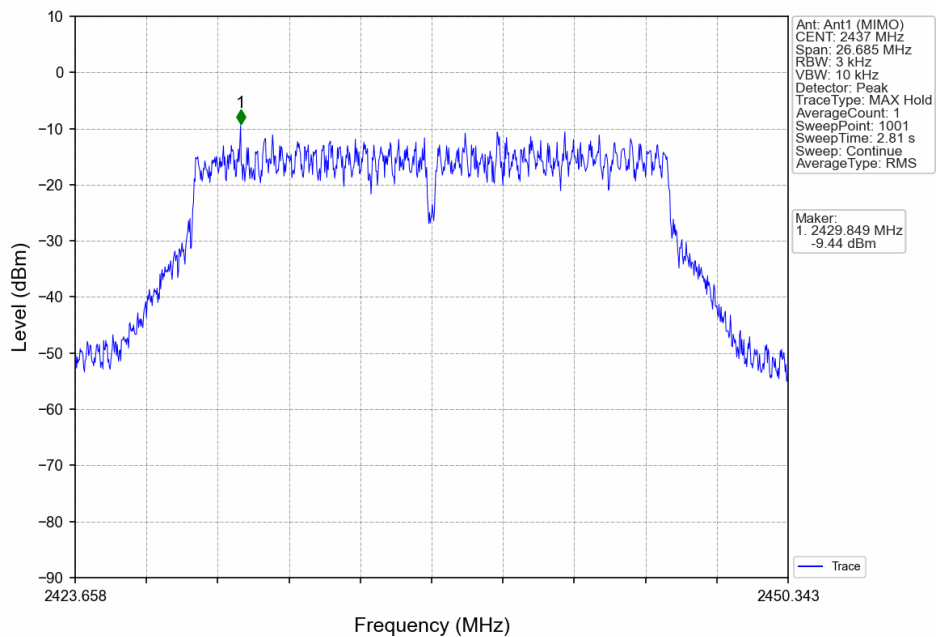


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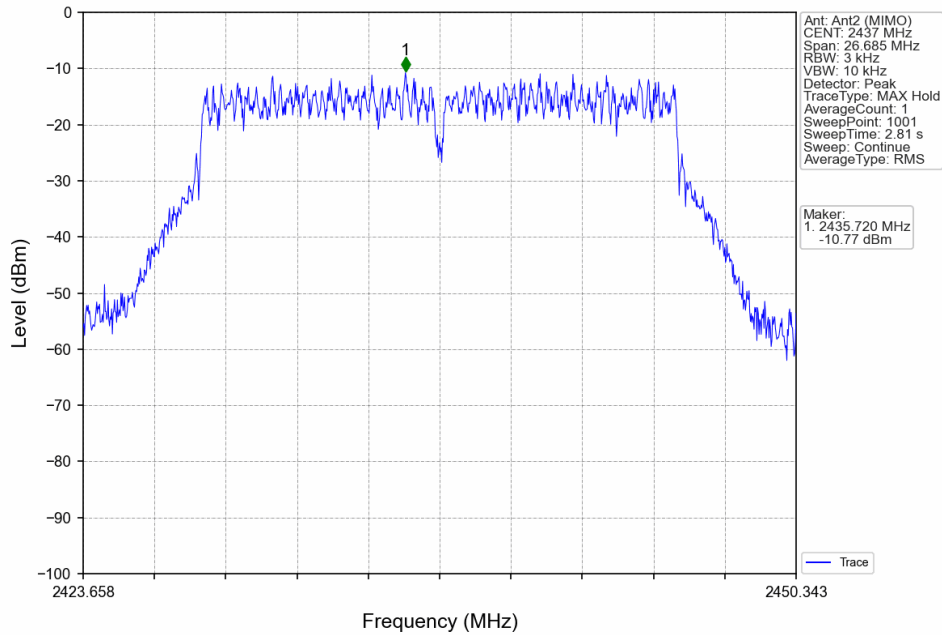
802.11n(HT20)_LCH_2412MHz_MIMO_NTNV



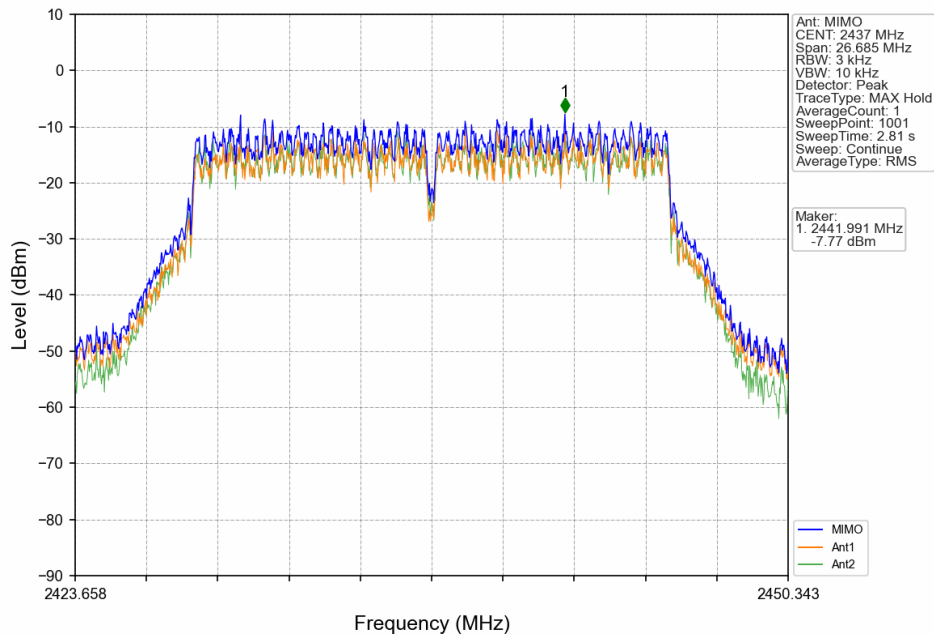
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



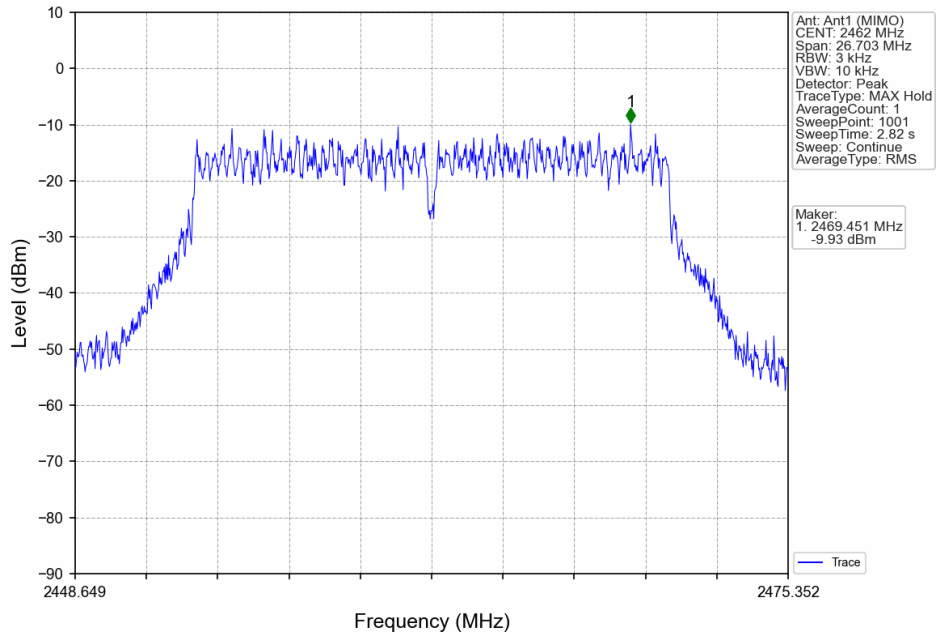
802.11n(HT20)_MCH_2437MHz_MIMO_NTNV



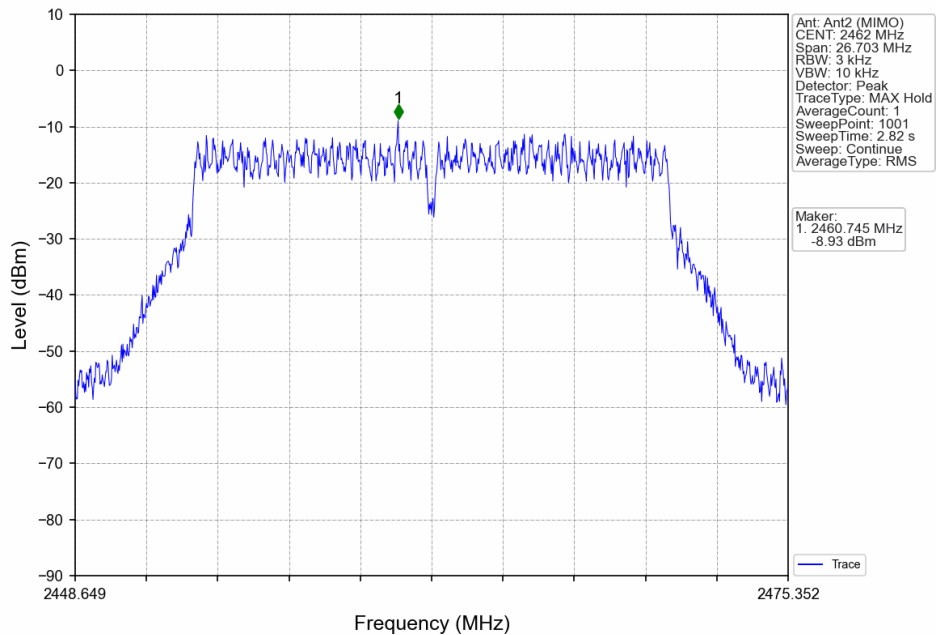
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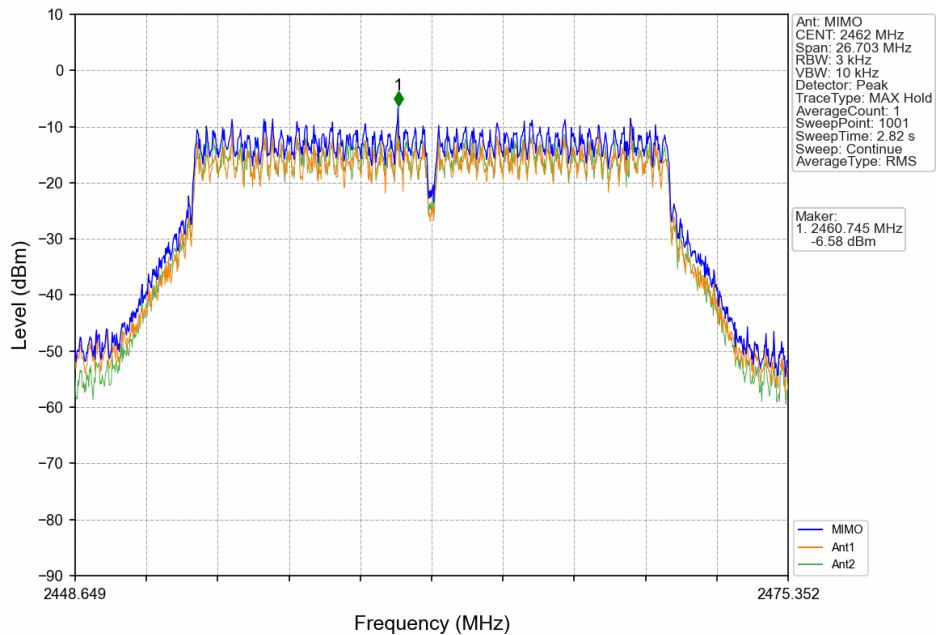
802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_MIMO_NTNV



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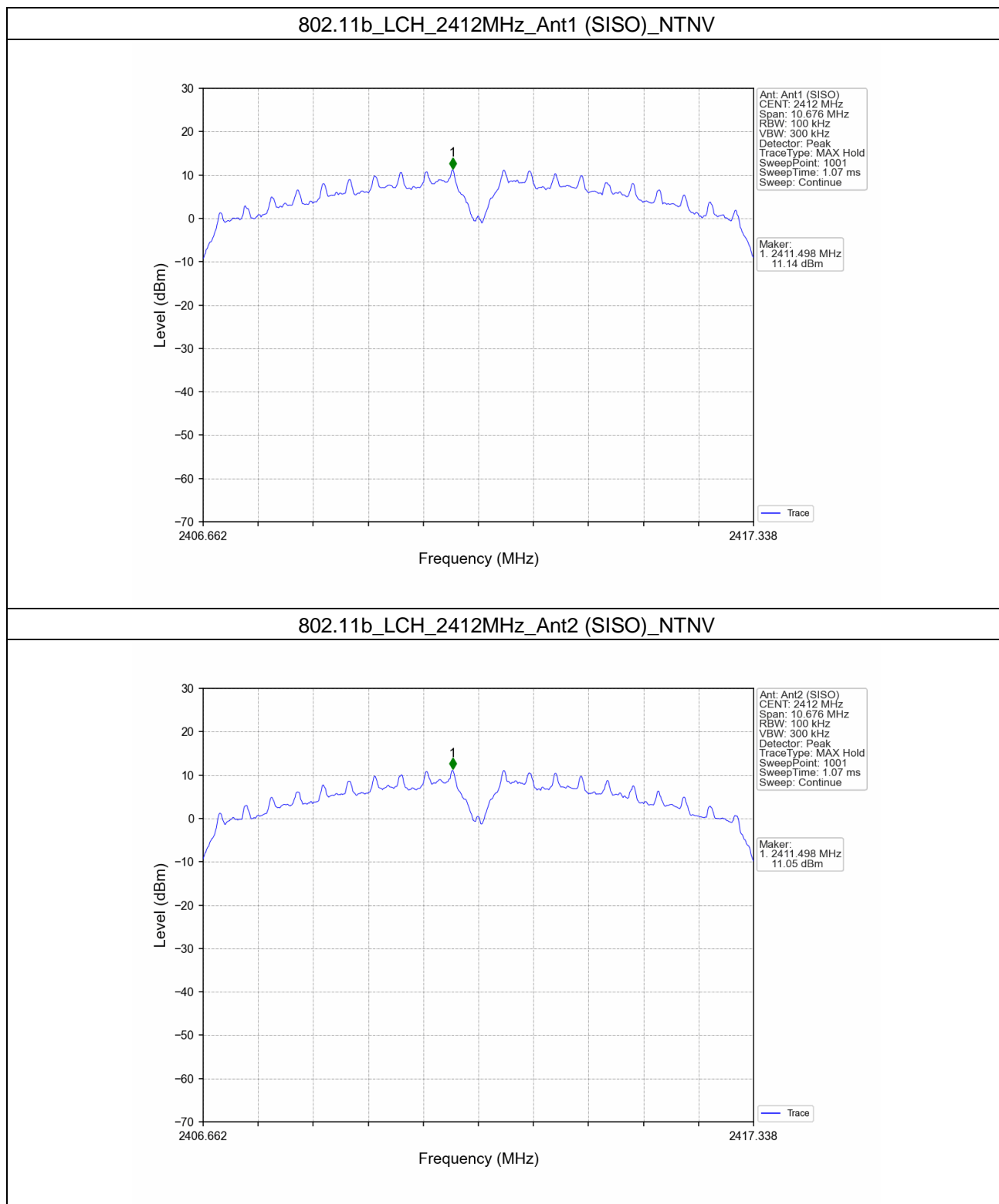
5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

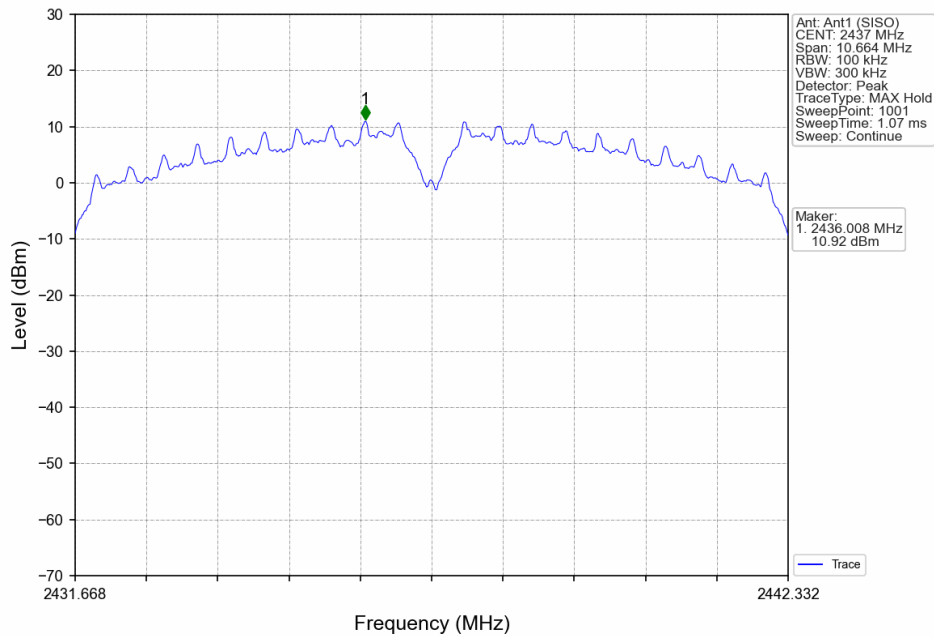
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	11.14
			2	11.05
		2437	1	10.92
			2	10.97
		2462	1	10.40
			2	10.74
802.11g	SISO	2412	1	4.90
			2	4.42
		2437	1	4.89
			2	4.82
		2462	1	4.33
			2	4.50
802.11n (HT20)	MIMO	2412	1	5.00
			2	4.36
		2437	1	4.85
			2	4.65
		2462	1	4.11
			2	4.44

5.1.2 Test Graph

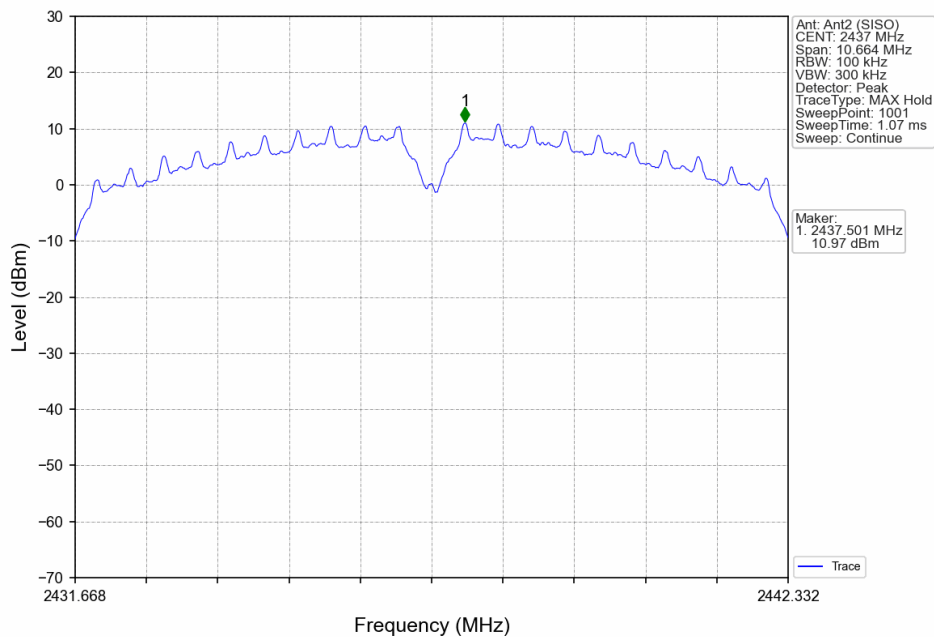


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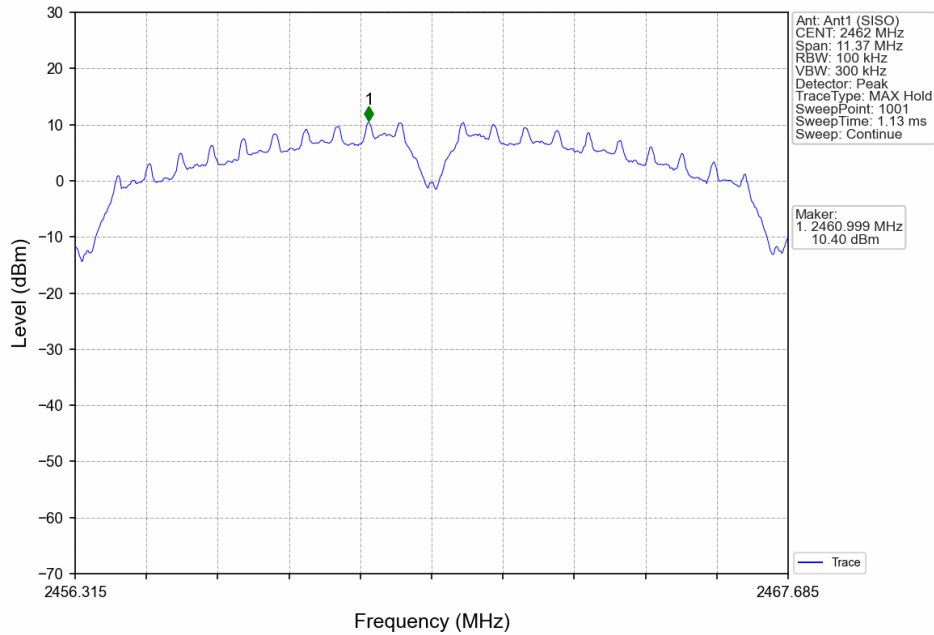
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



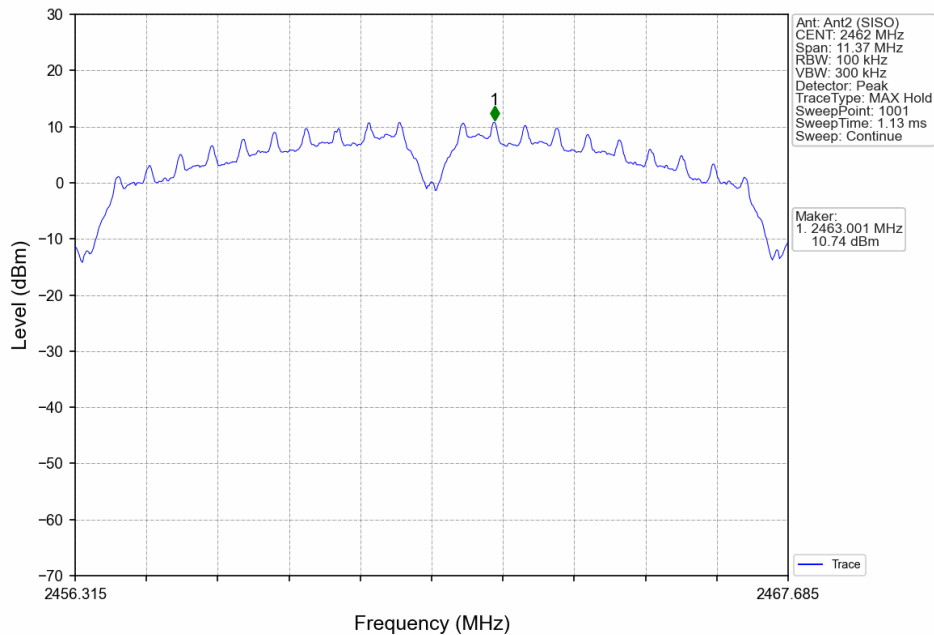
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



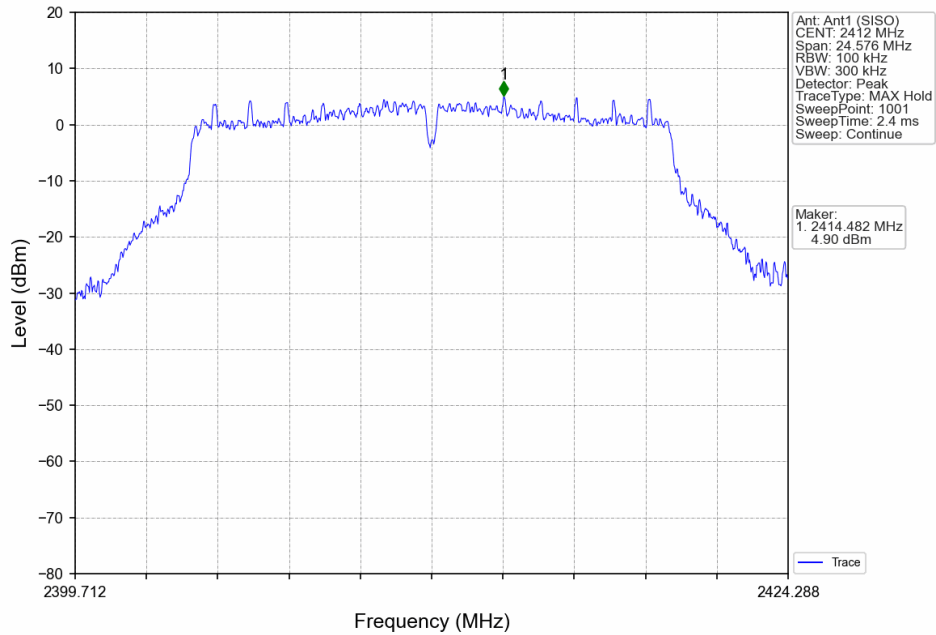
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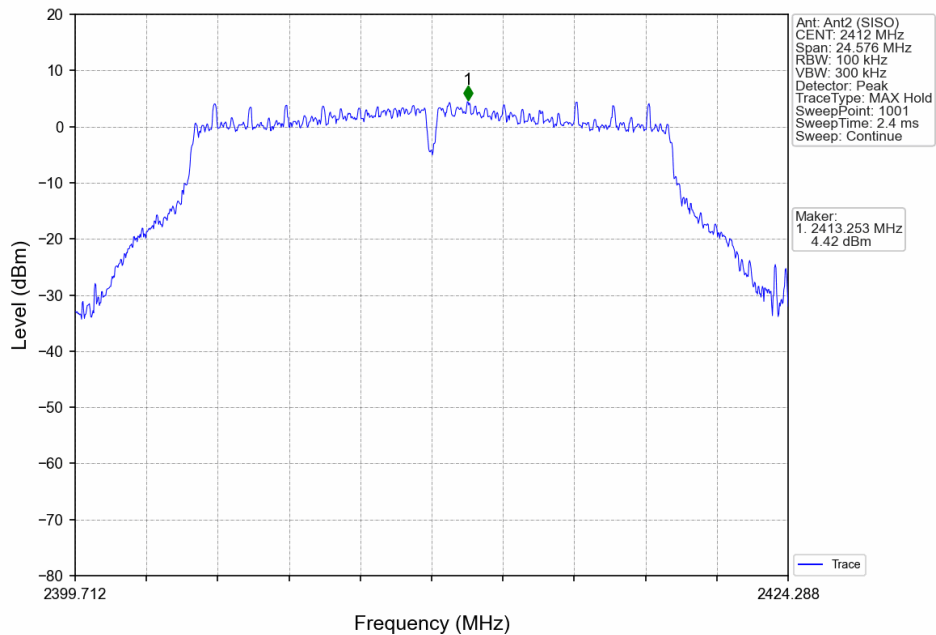
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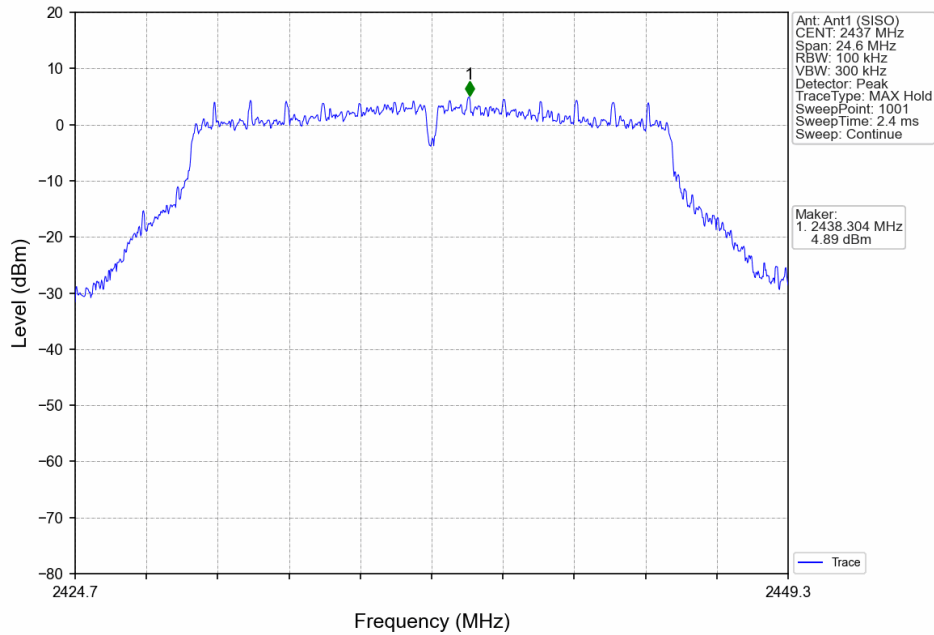
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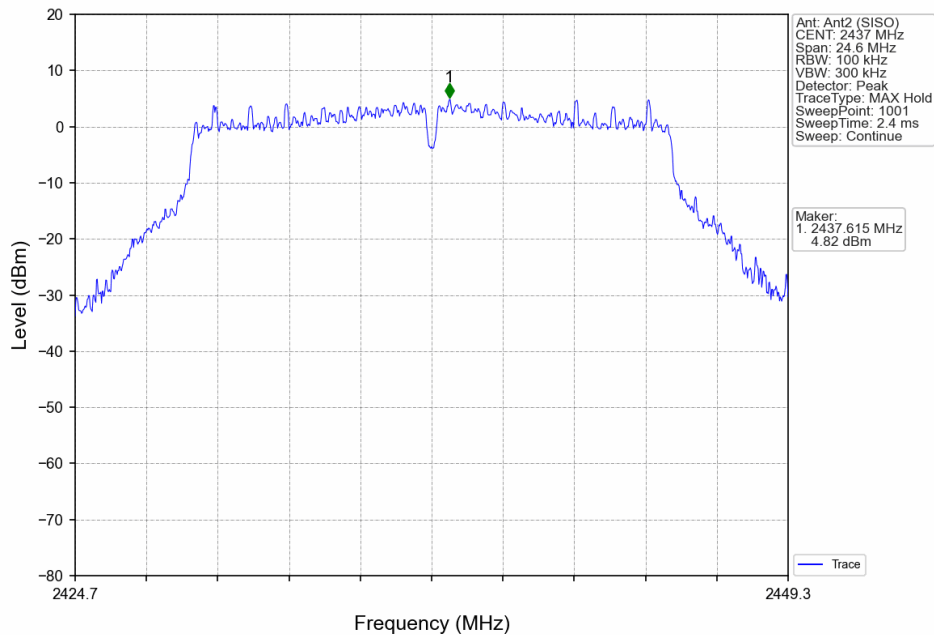
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

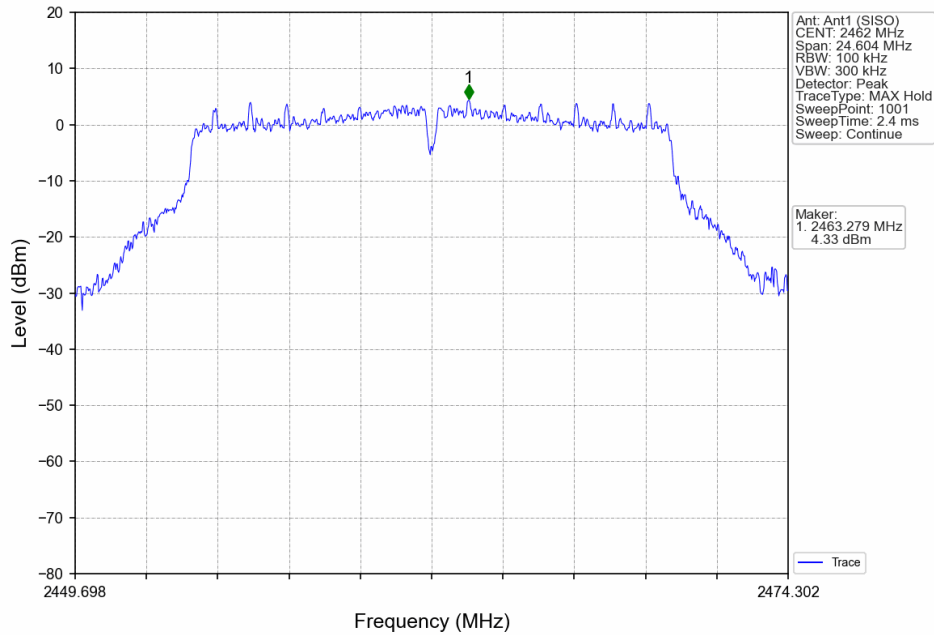


802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV

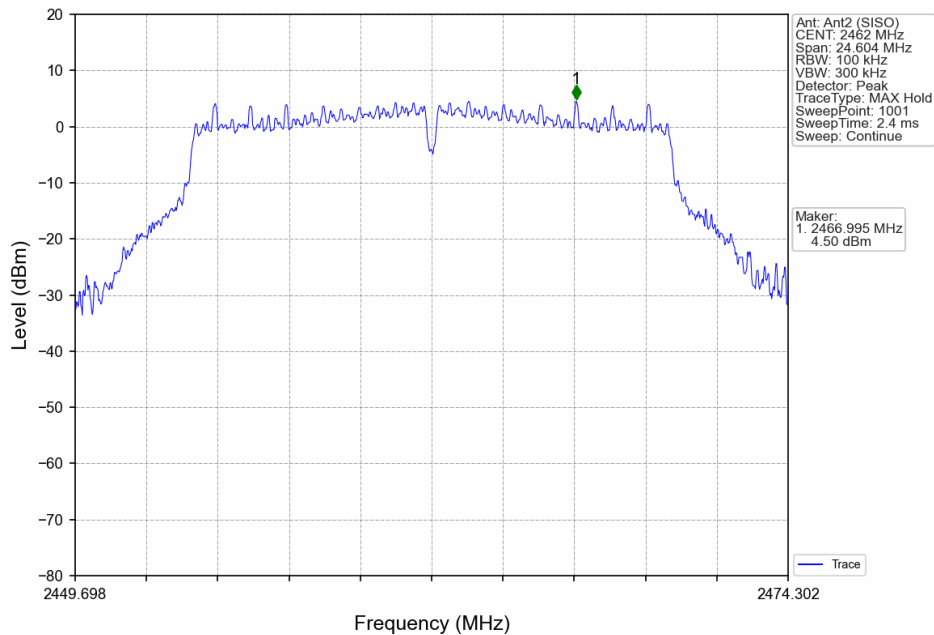


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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

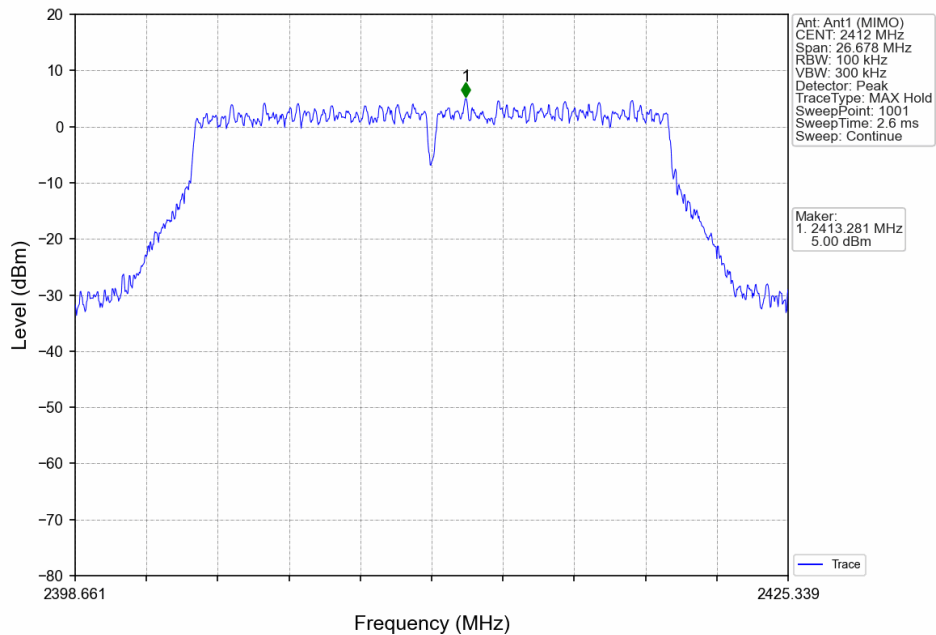


802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV

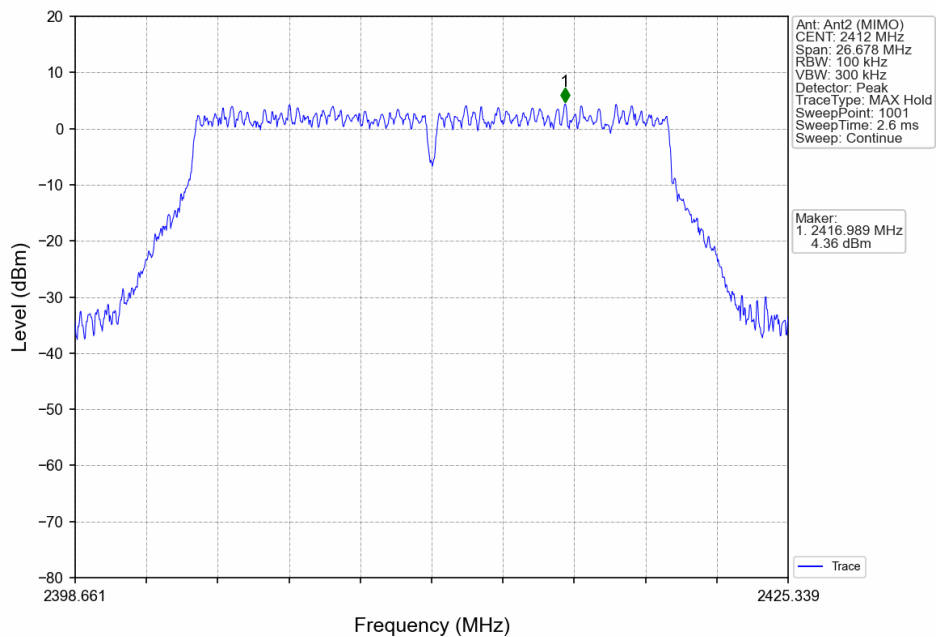


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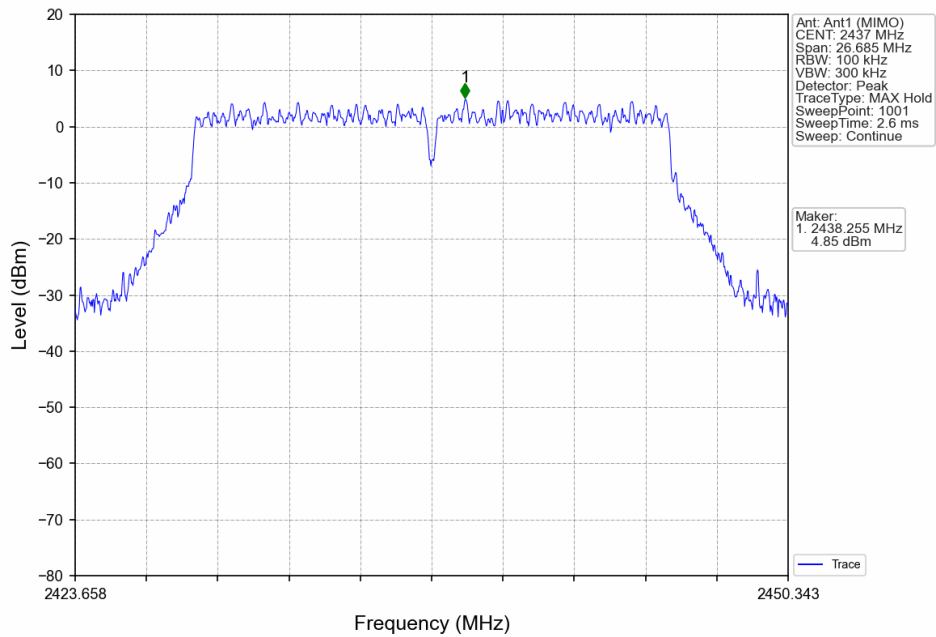
802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV



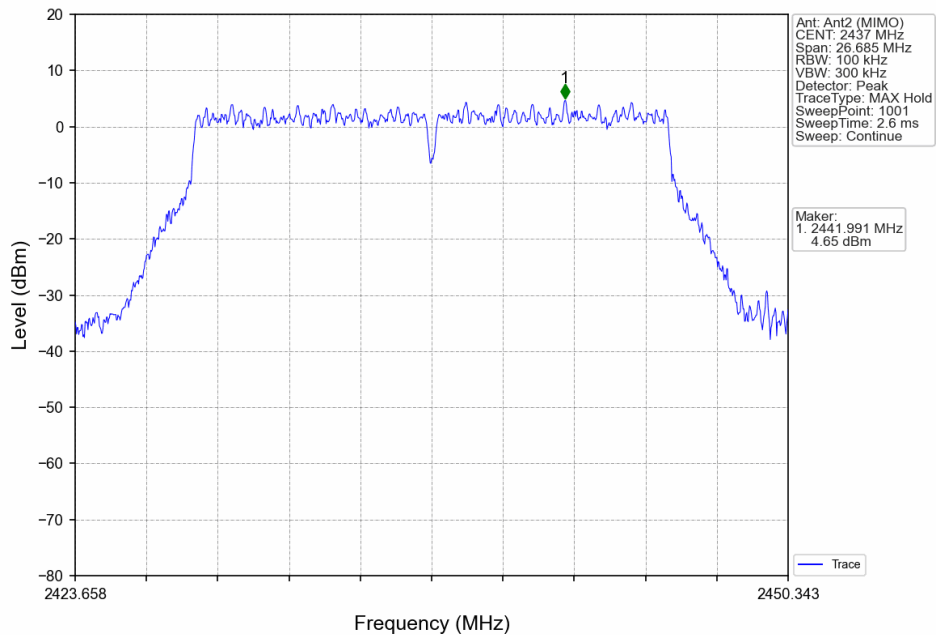
802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV



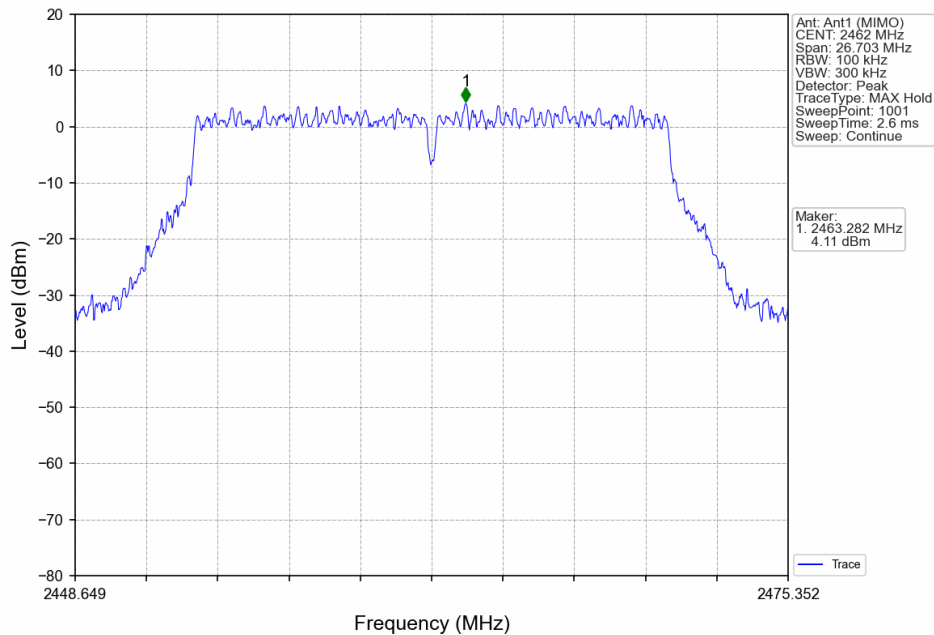
802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV



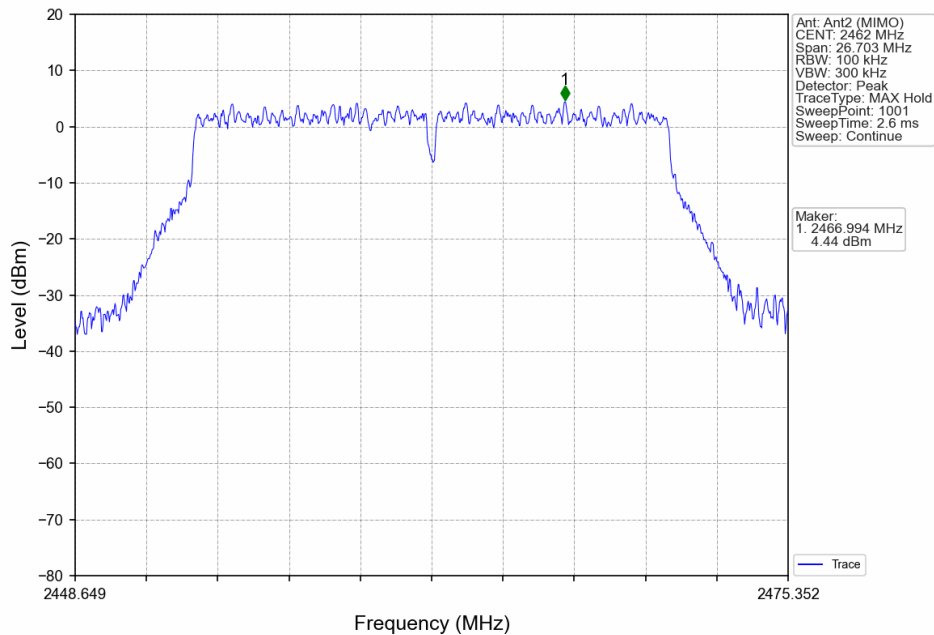
802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



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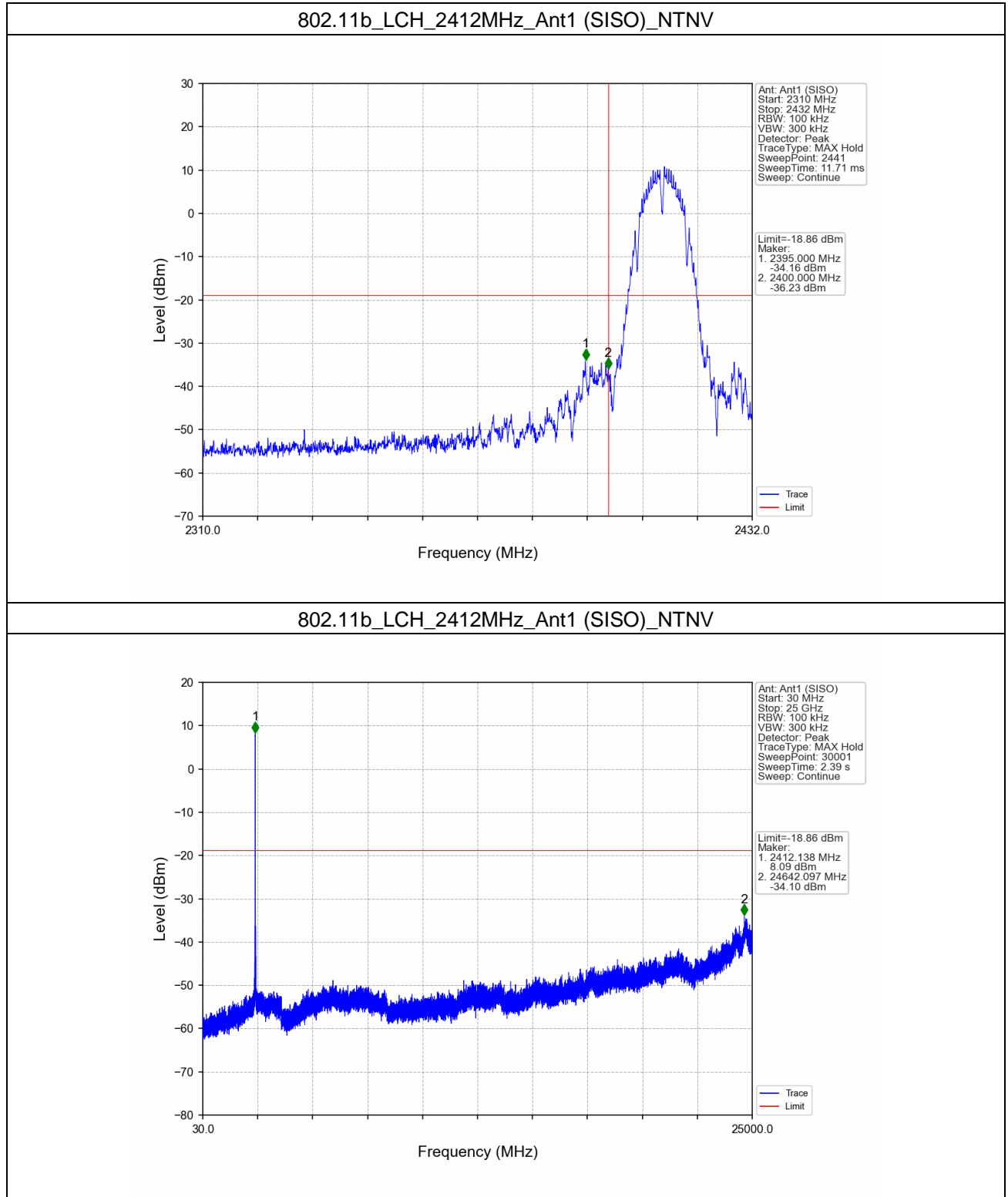
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5.2 CSE

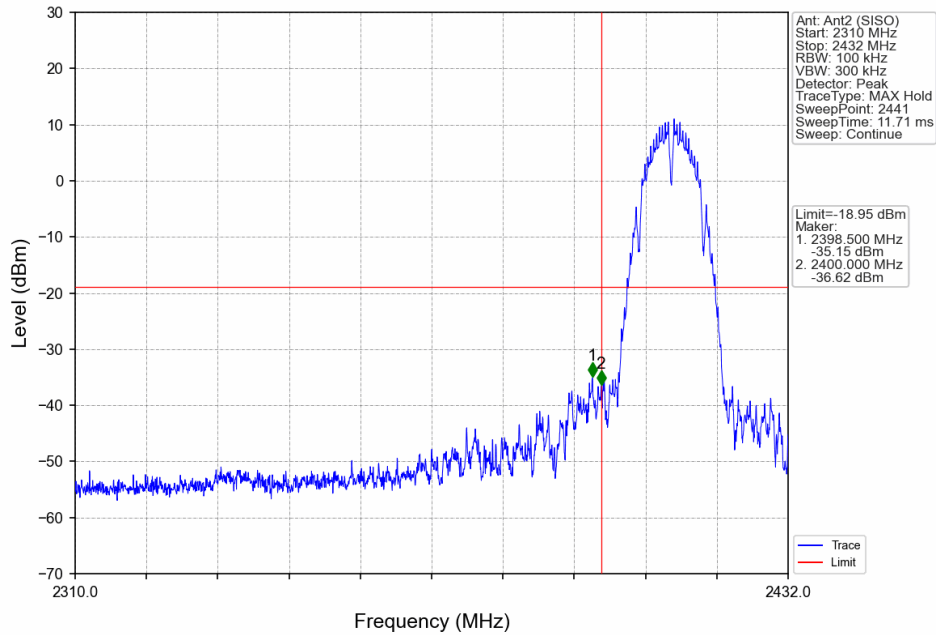
5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	11.14	-18.86	Pass
			2	11.05	-18.95	Pass
		2437	1	11.14	-18.86	Pass
			2	11.05	-18.95	Pass
		2462	1	11.14	-18.86	Pass
			2	11.05	-18.95	Pass
802.11g	SISO	2412	1	4.90	-25.10	Pass
			2	4.82	-25.18	Pass
		2437	1	4.90	-25.10	Pass
			2	4.82	-25.18	Pass
		2462	1	4.90	-25.10	Pass
			2	4.82	-25.18	Pass
802.11n (HT20)	MIMO	2412	1	5.00	-25.00	Pass
			2	4.65	-25.35	Pass
		2437	1	5.00	-25.00	Pass
			2	4.65	-25.35	Pass
		2462	1	5.00	-25.00	Pass
			2	4.65	-25.35	Pass

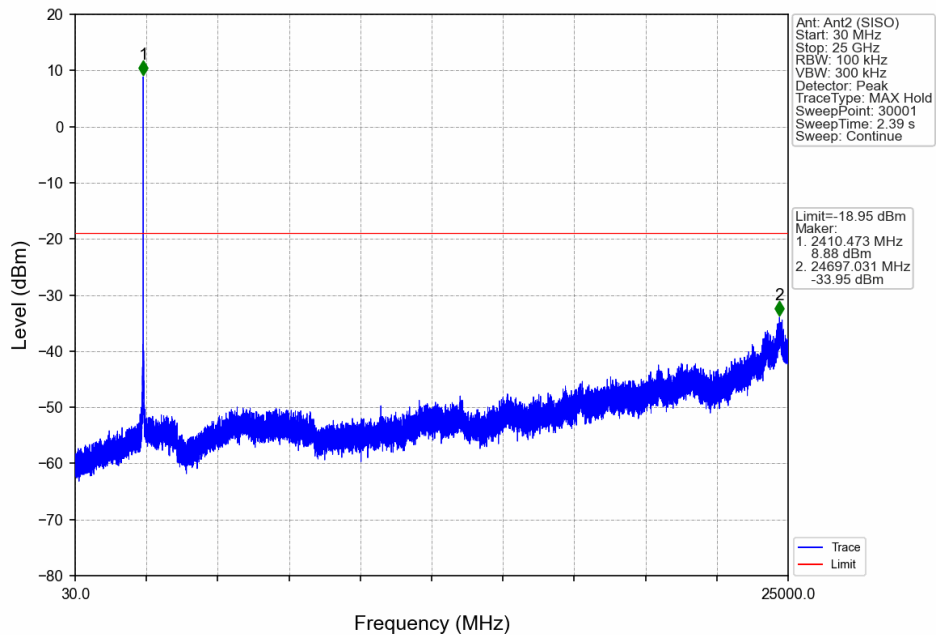
5.2.2 Test Graph



802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV

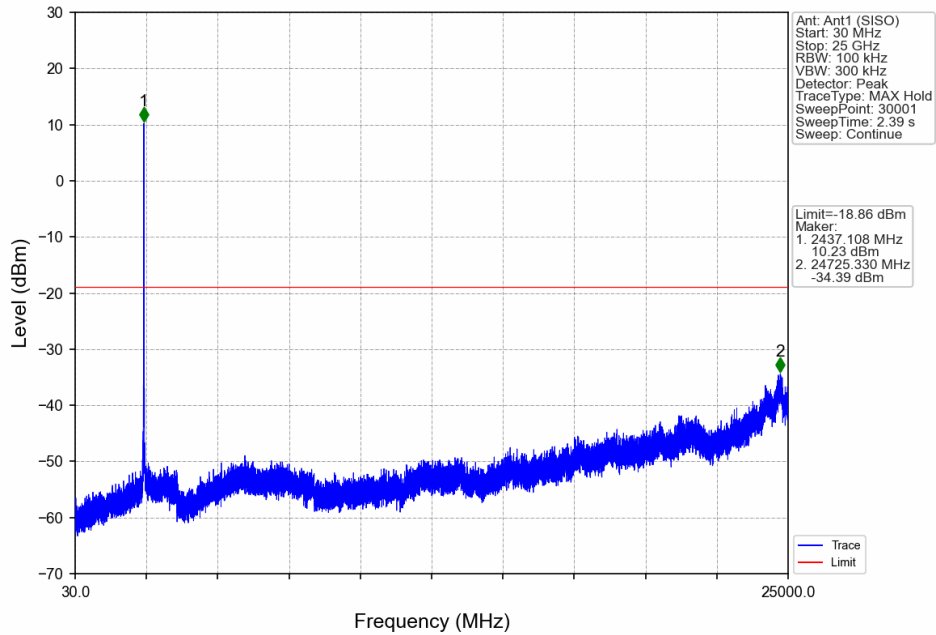


802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV

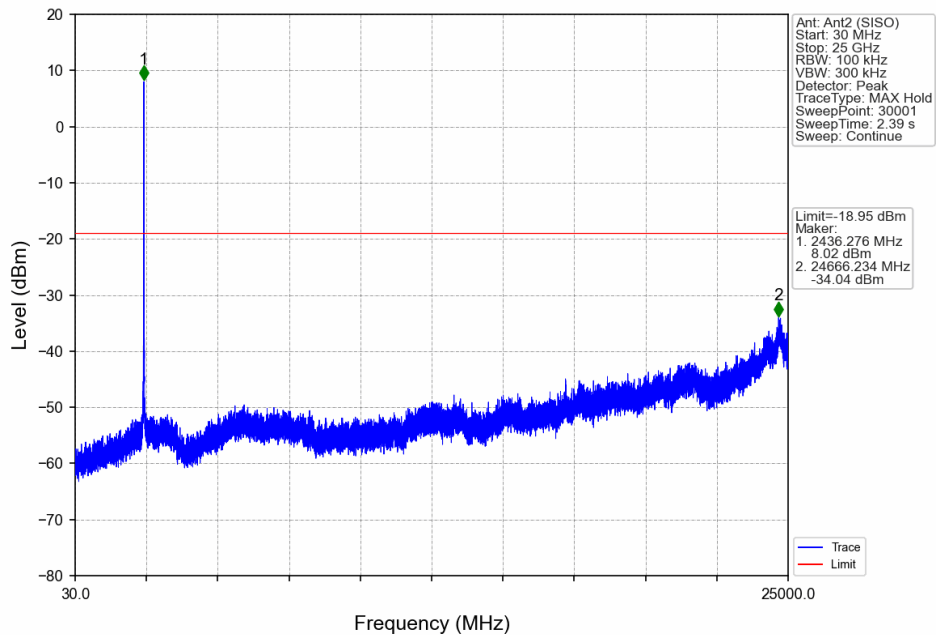


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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

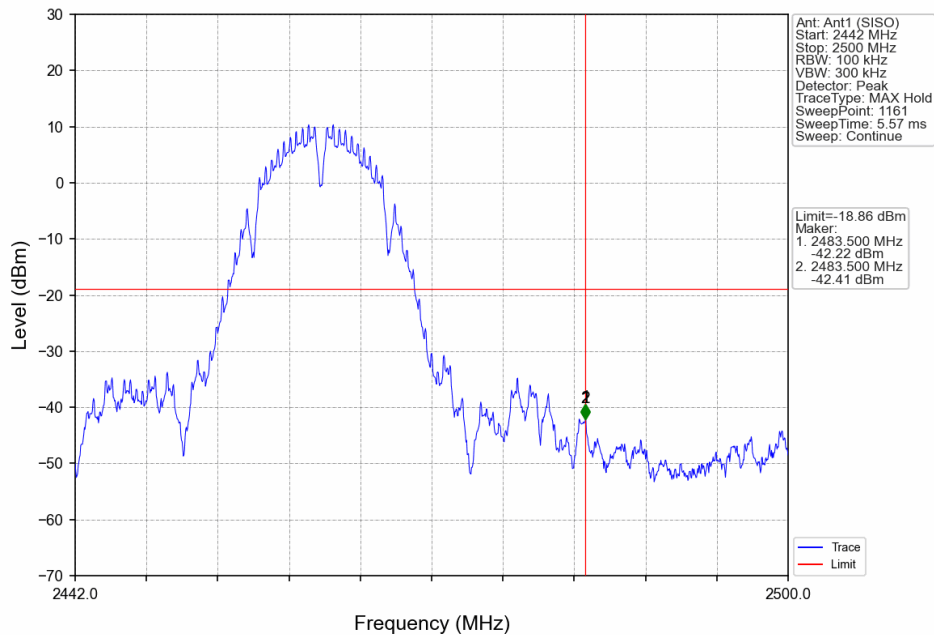


802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV

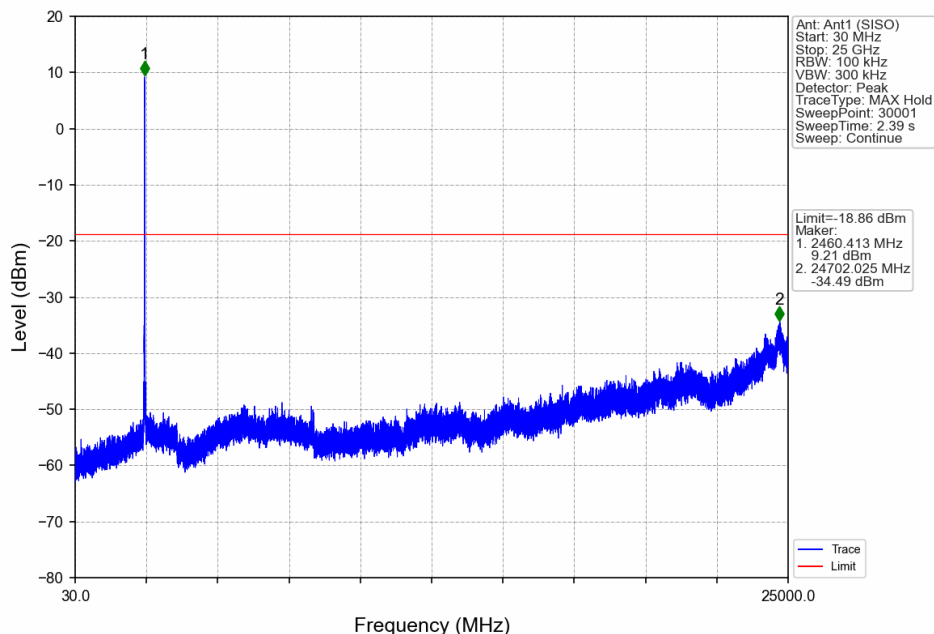


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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

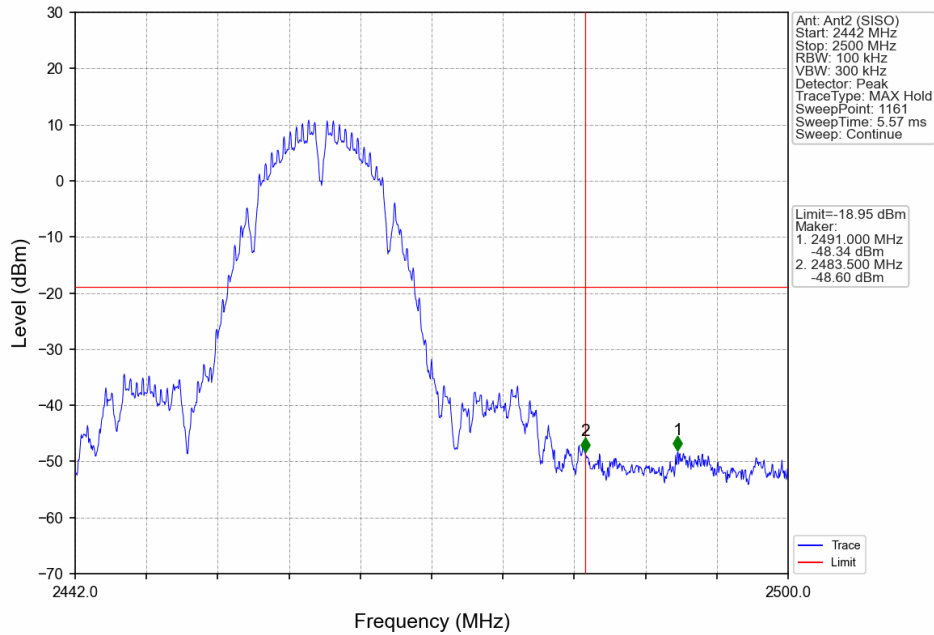


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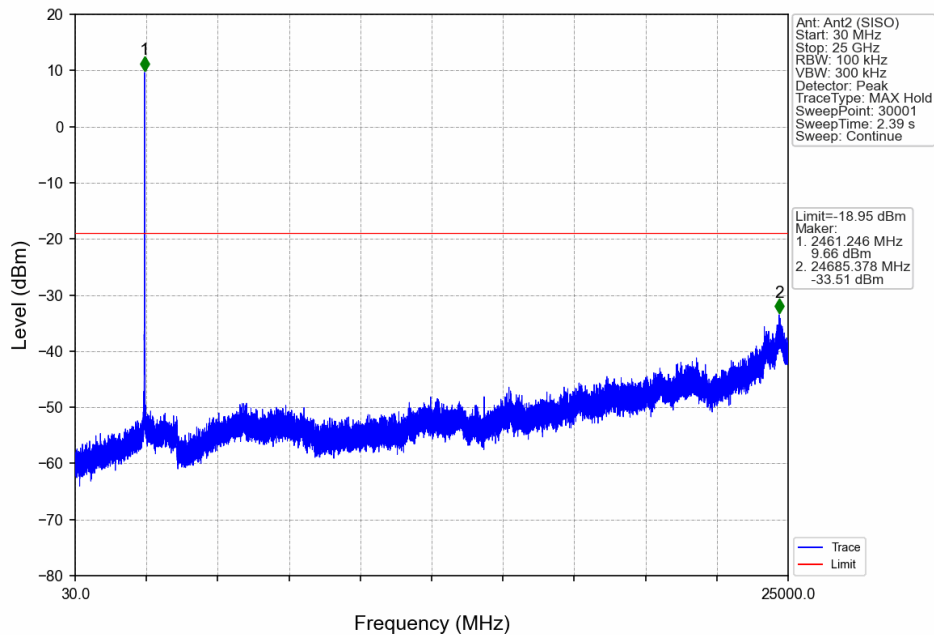


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802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



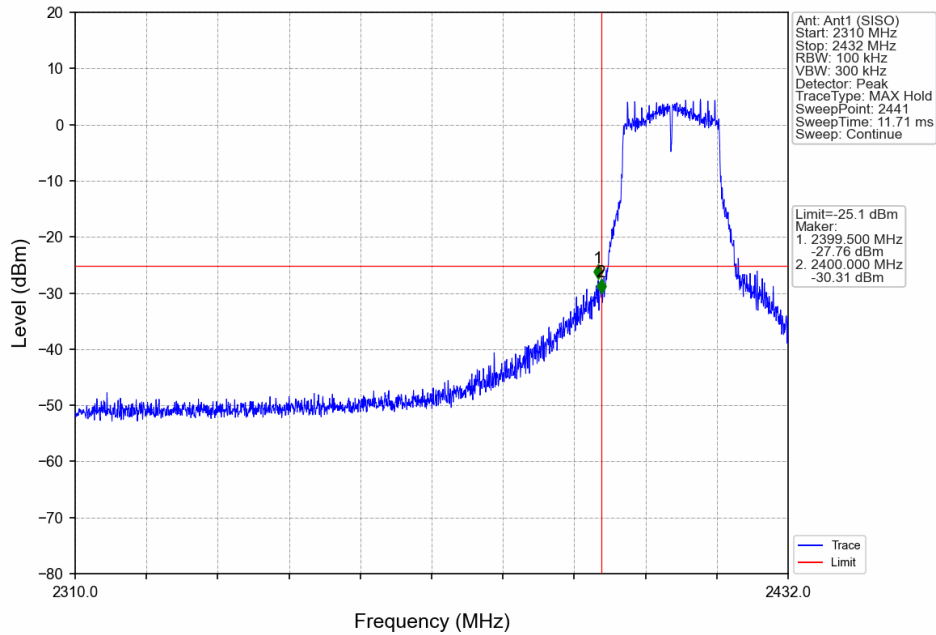
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



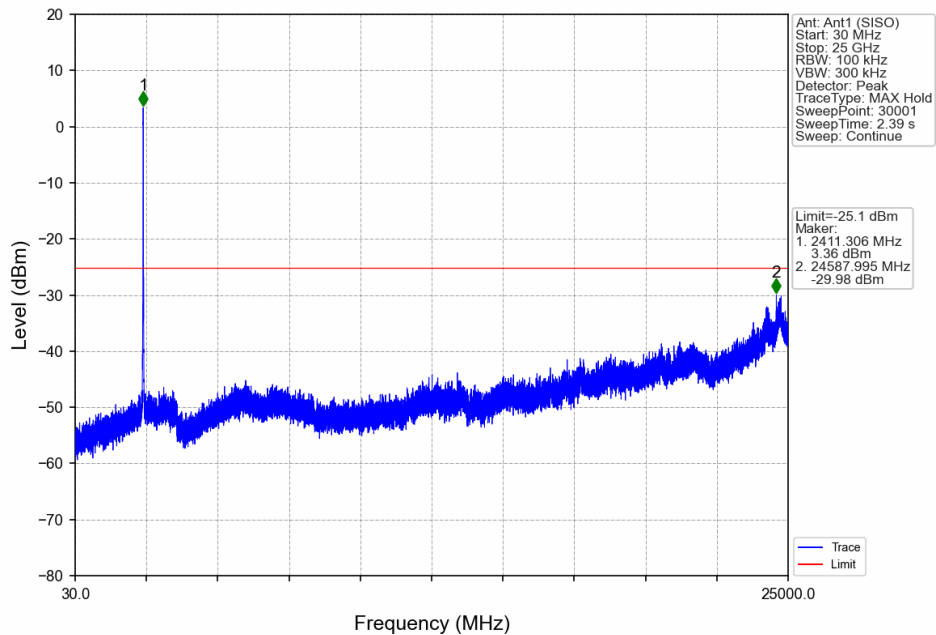
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

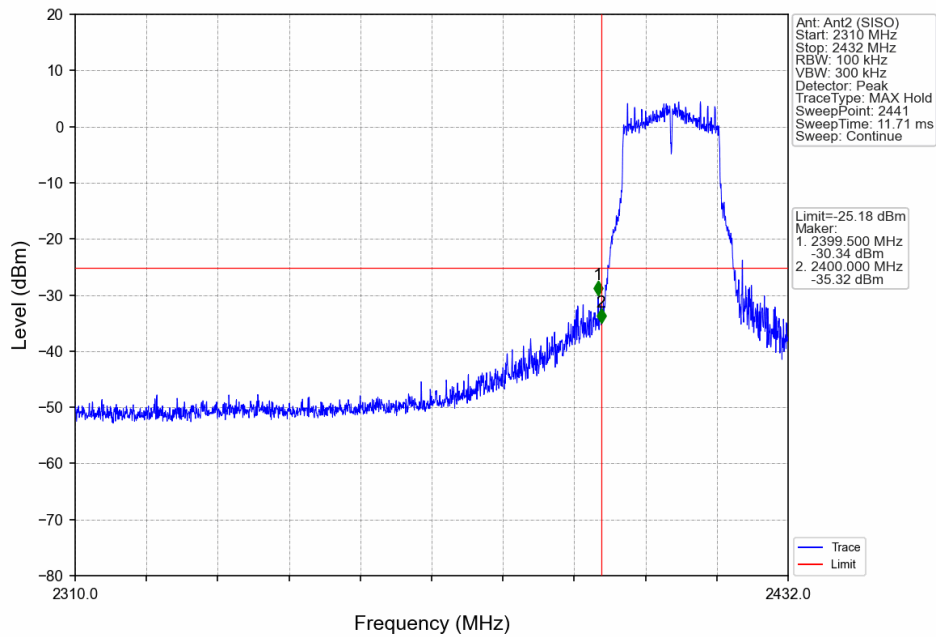


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

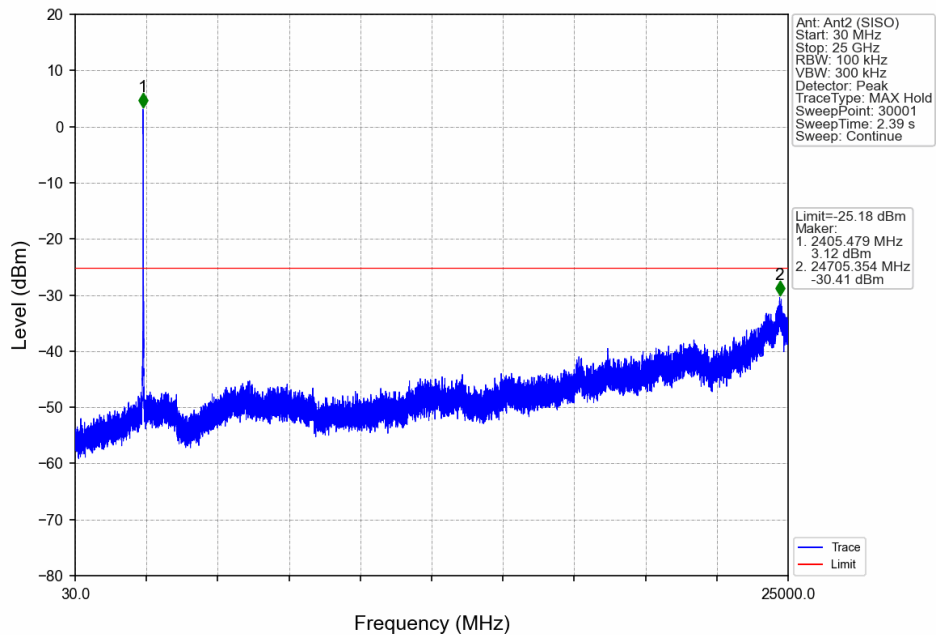


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802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

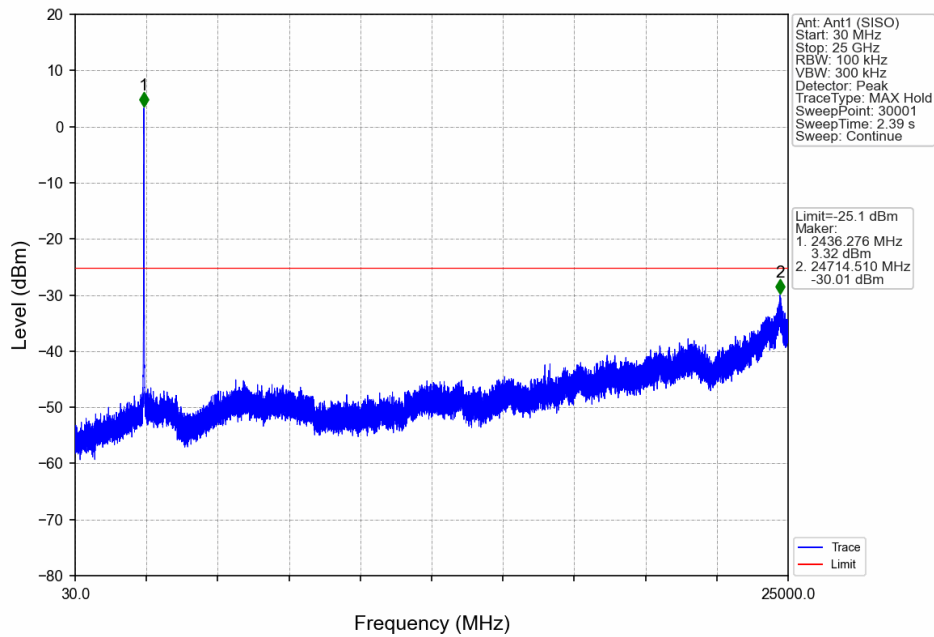


802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV

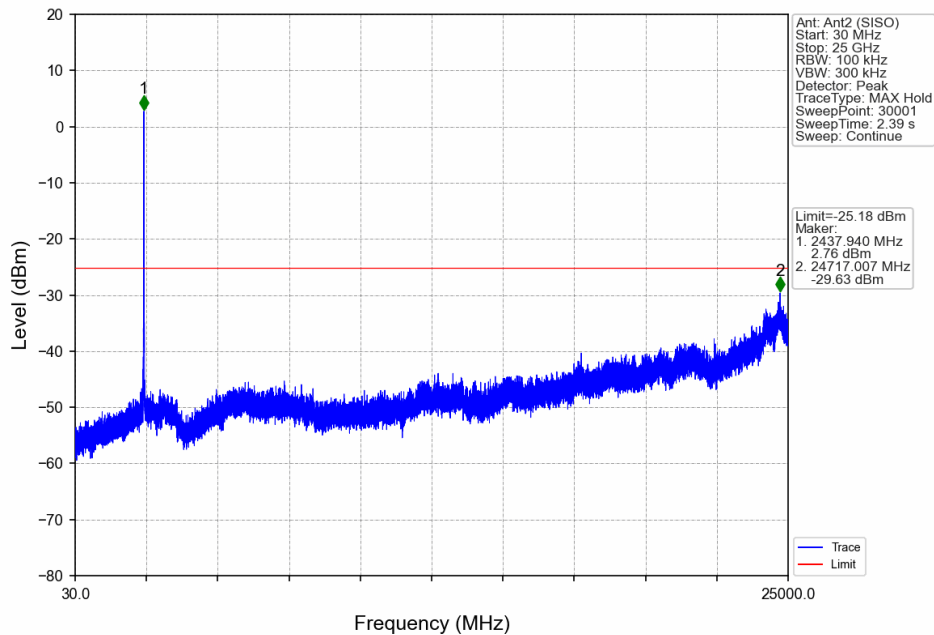


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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV

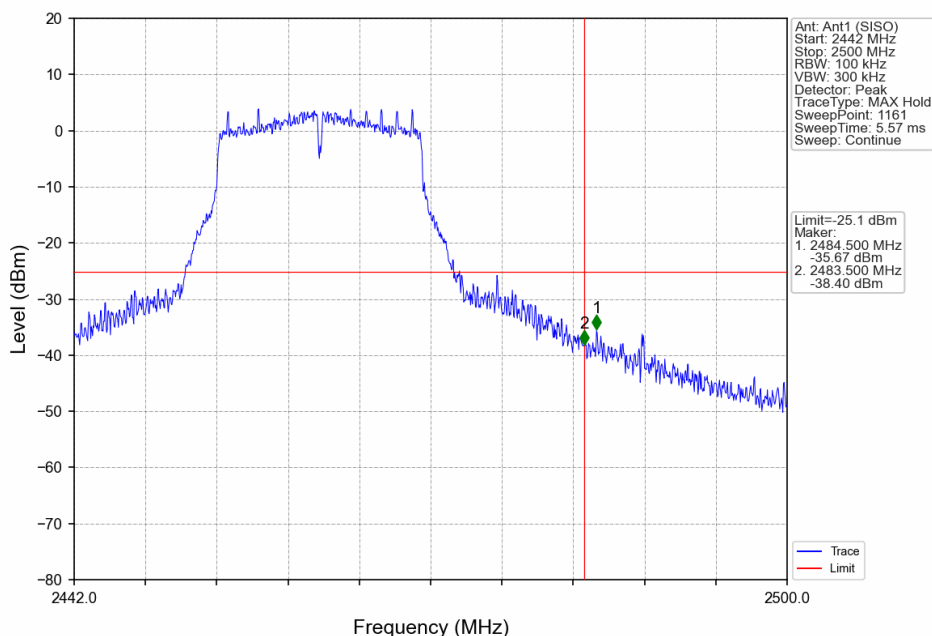


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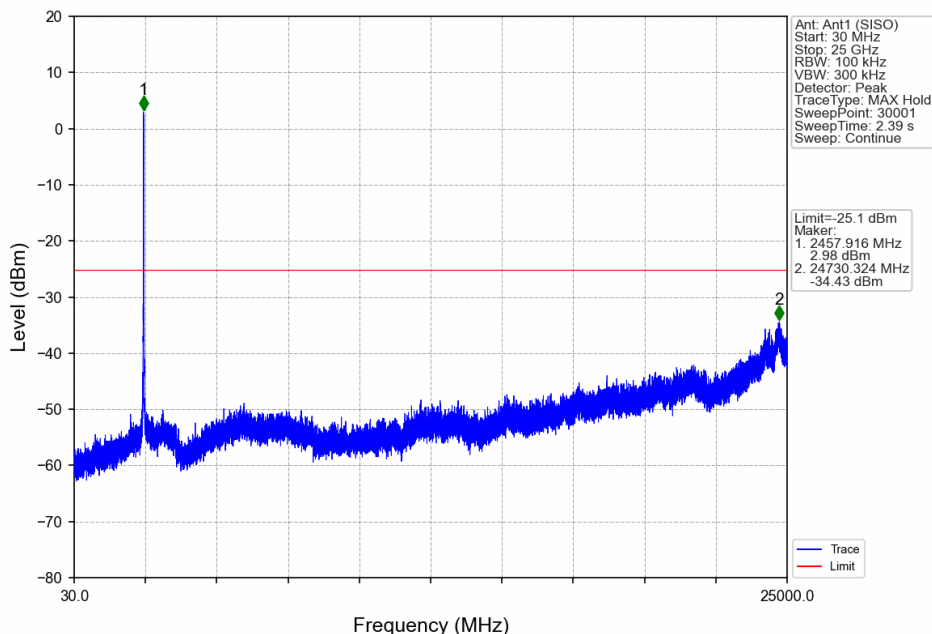
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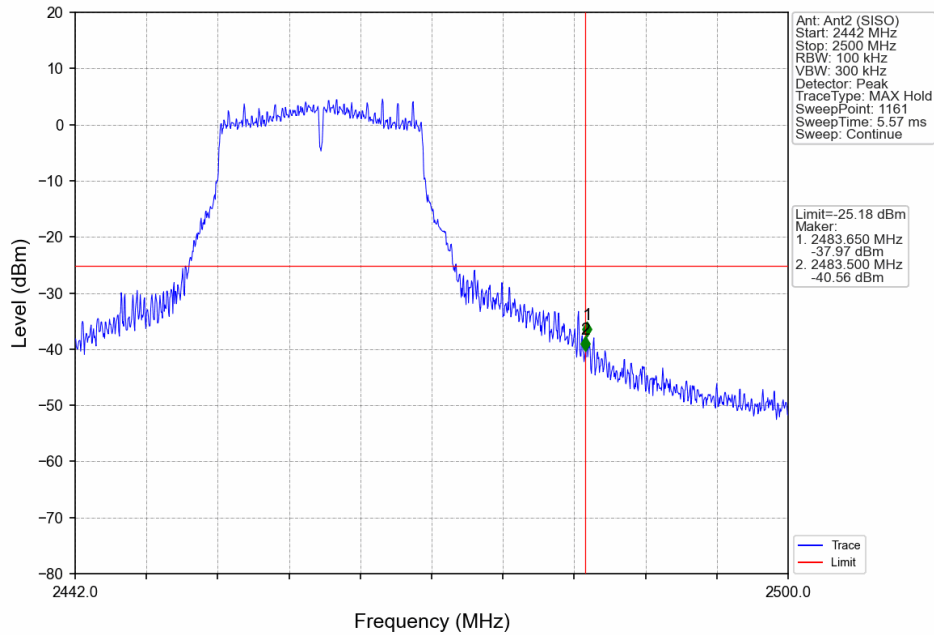
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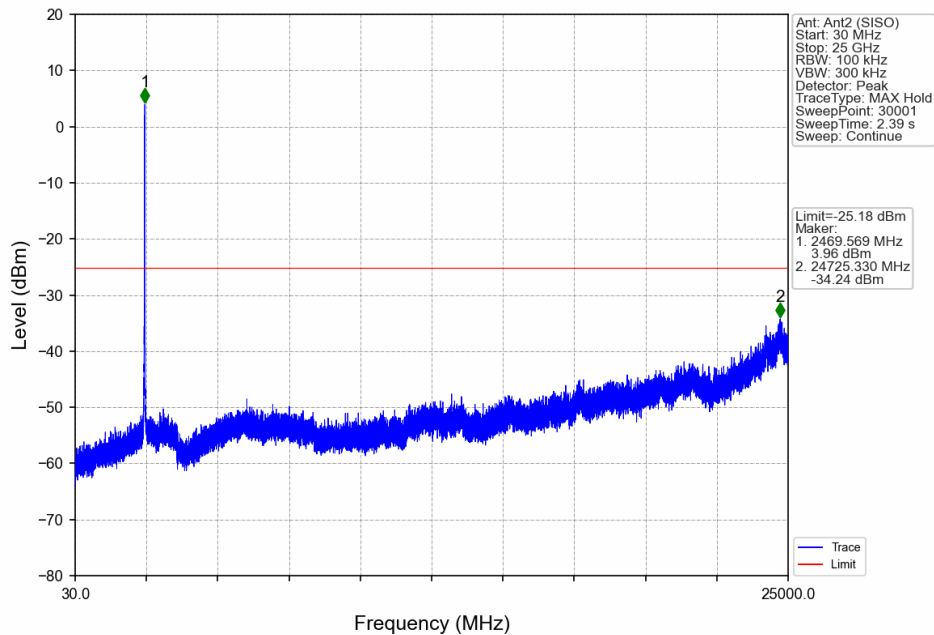
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



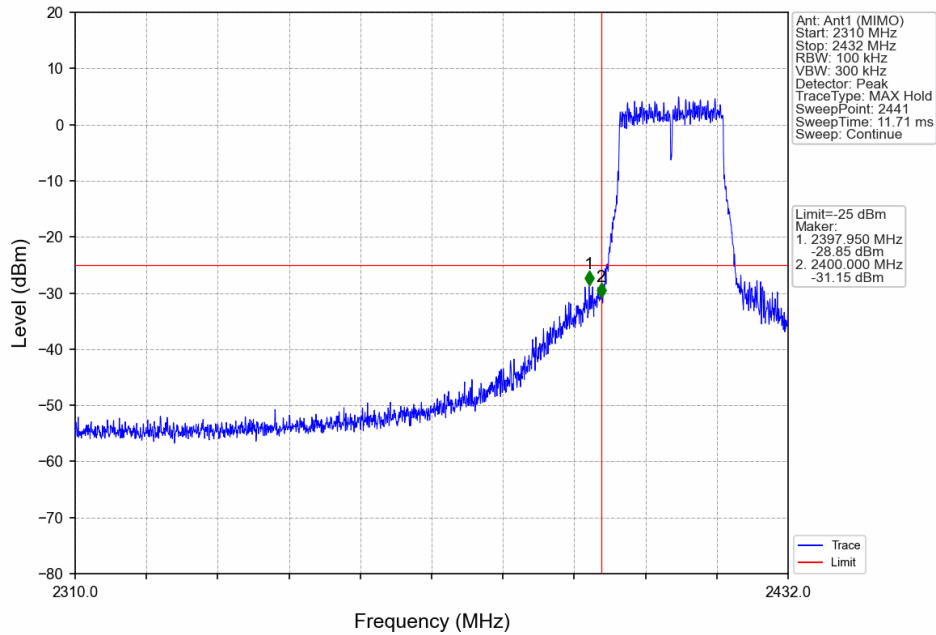
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



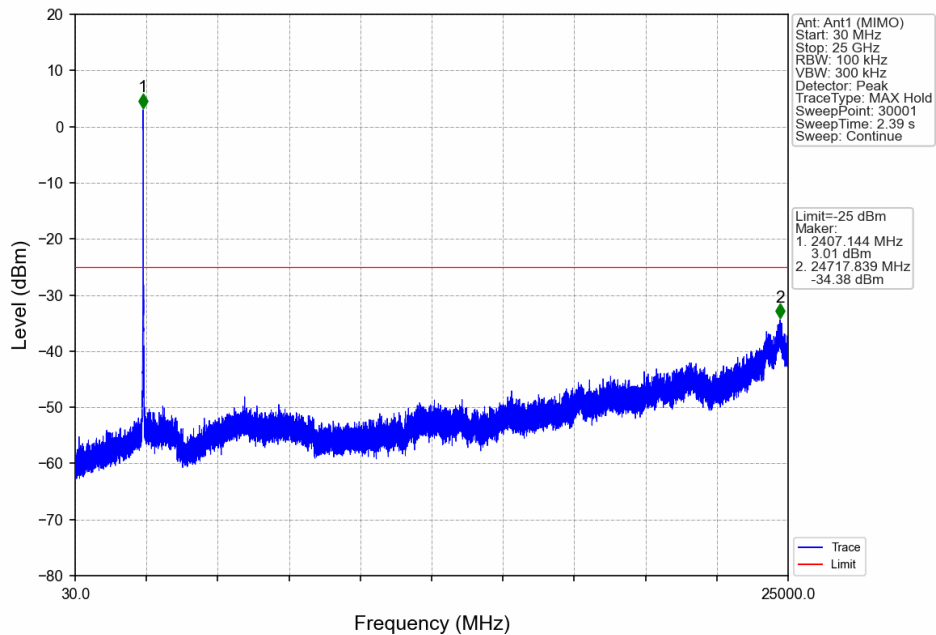
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

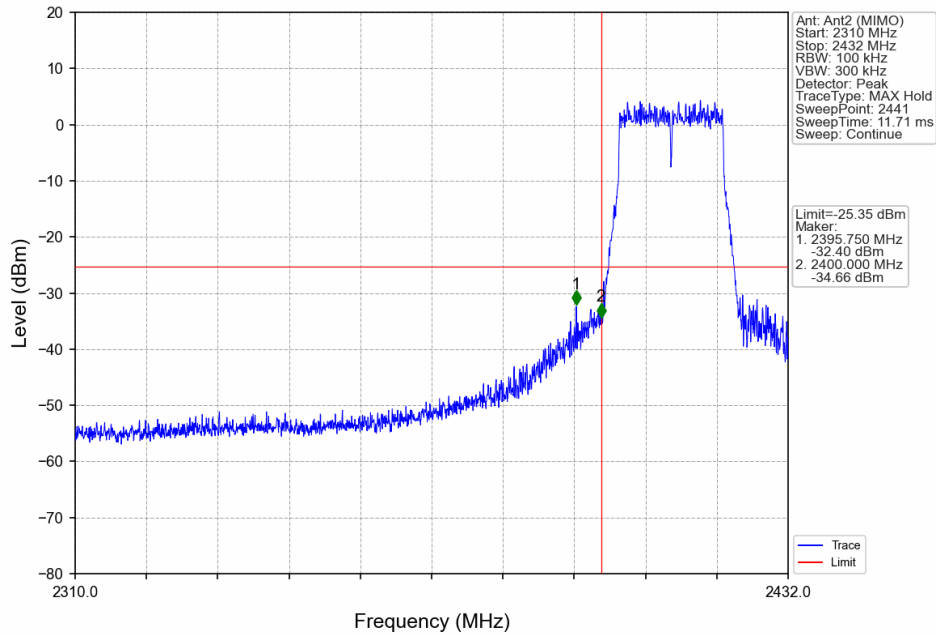


802.11n(HT20)_LCH_2412MHz_Ant1 (MIMO)_NTNV

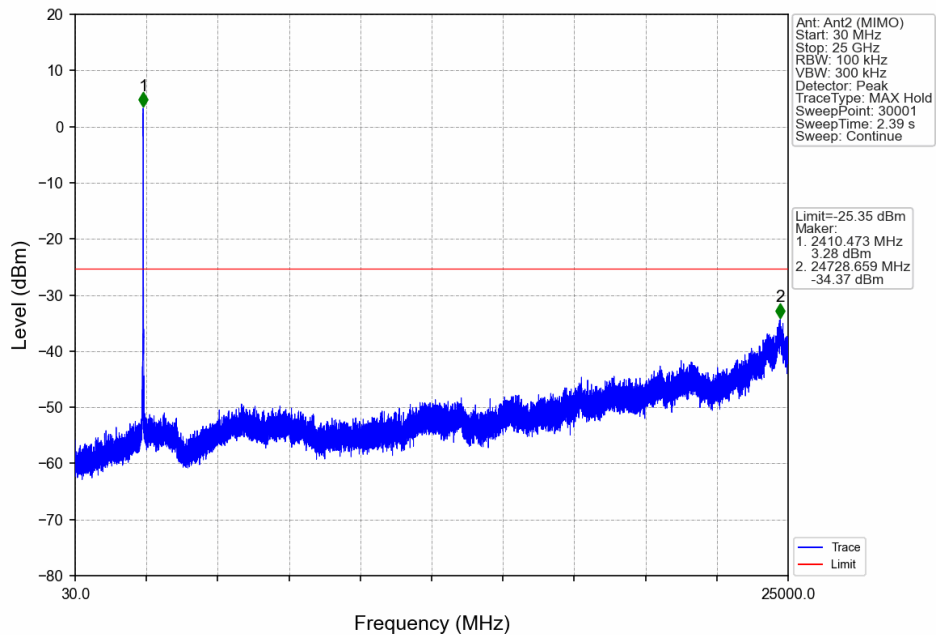


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802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

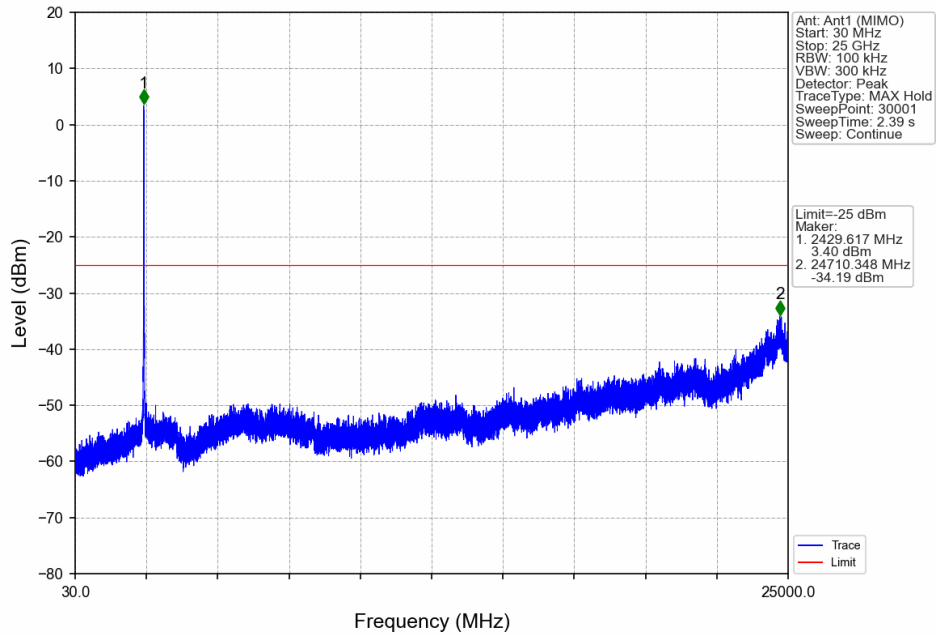


802.11n(HT20)_LCH_2412MHz_Ant2 (MIMO)_NTNV

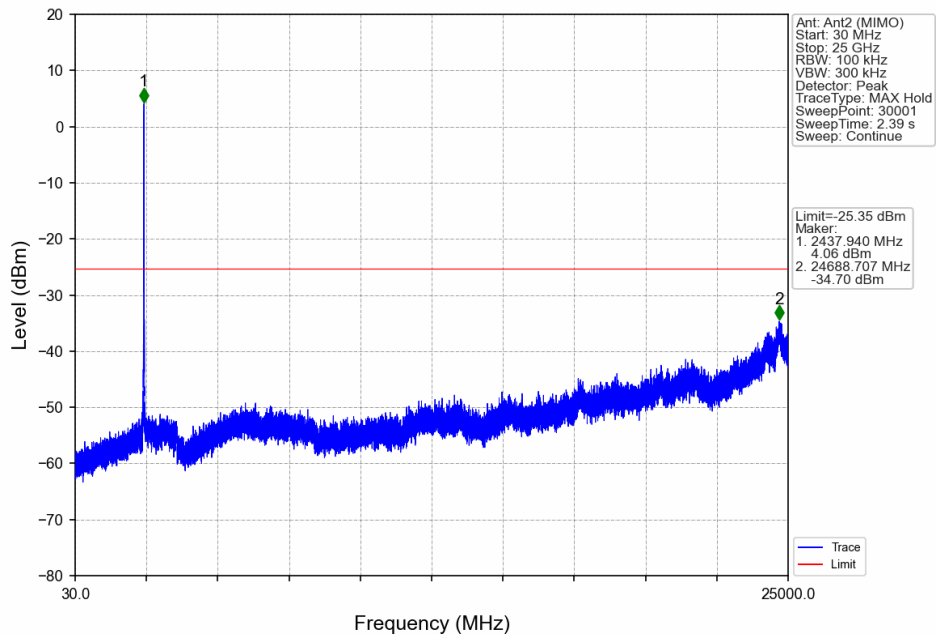


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802.11n(HT20)_MCH_2437MHz_Ant1 (MIMO)_NTNV

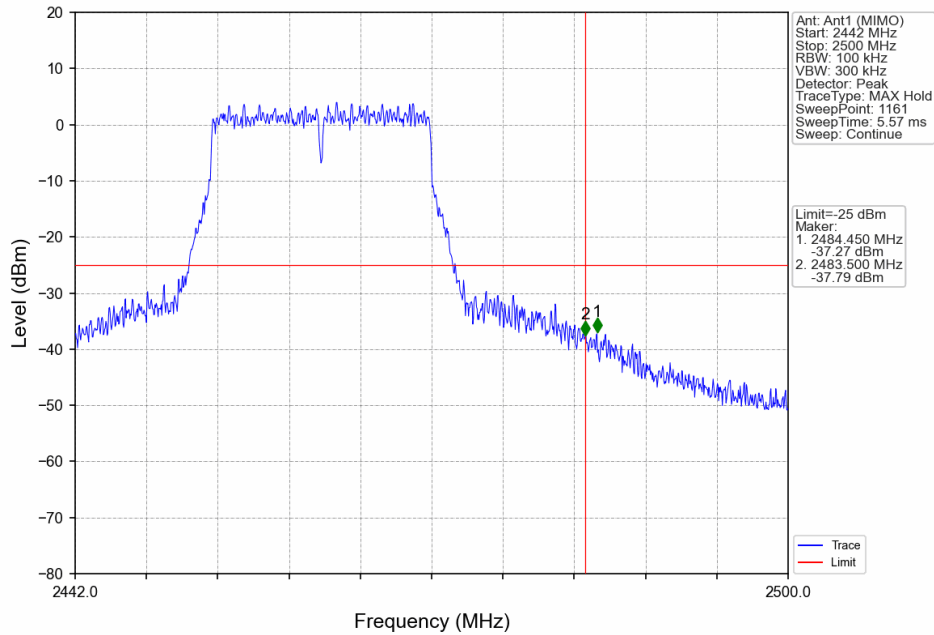


802.11n(HT20)_MCH_2437MHz_Ant2 (MIMO)_NTNV

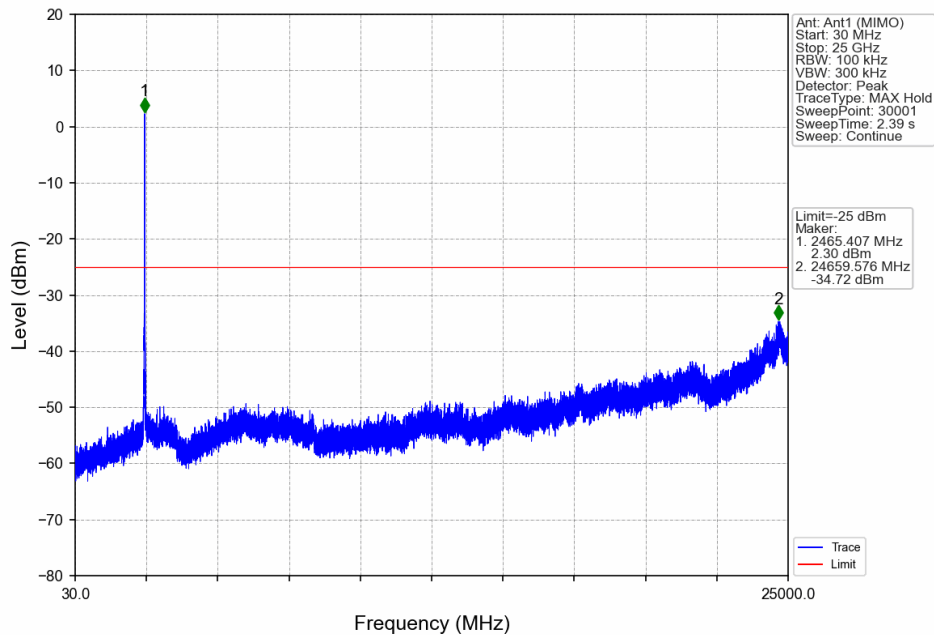


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802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

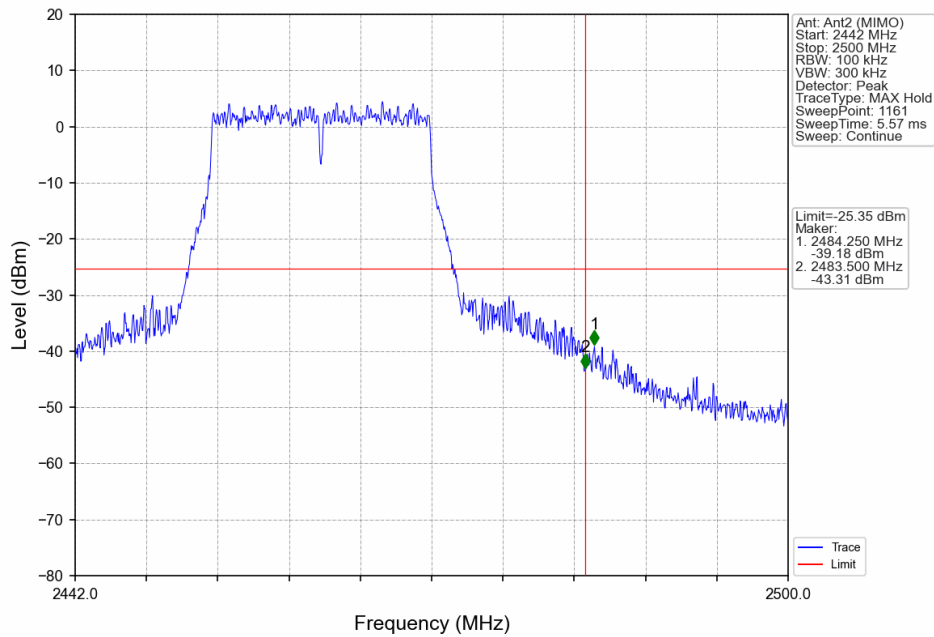


802.11n(HT20)_HCH_2462MHz_Ant1 (MIMO)_NTNV

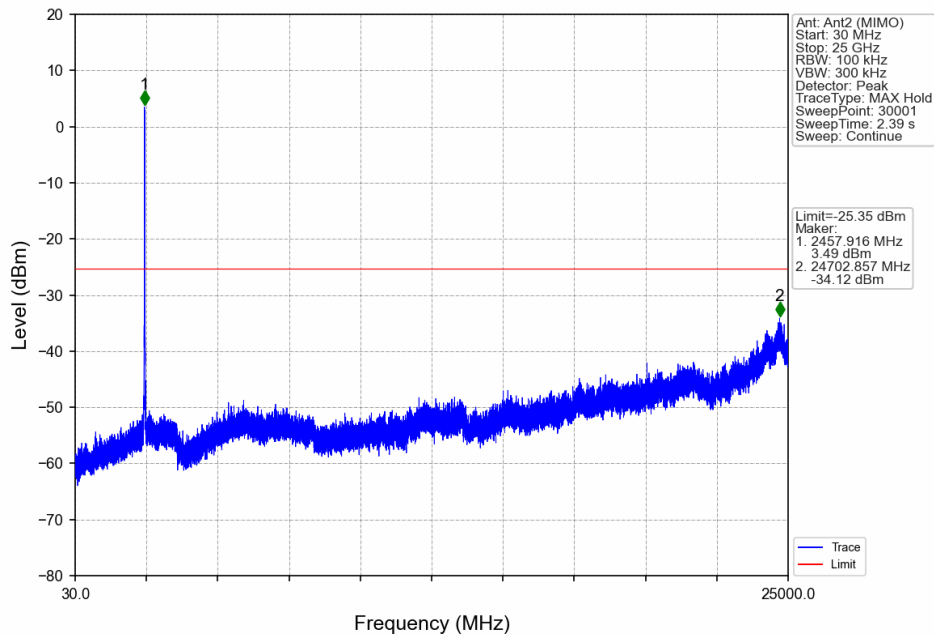


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802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant2 (MIMO)_NTNV



- End of the Report -



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