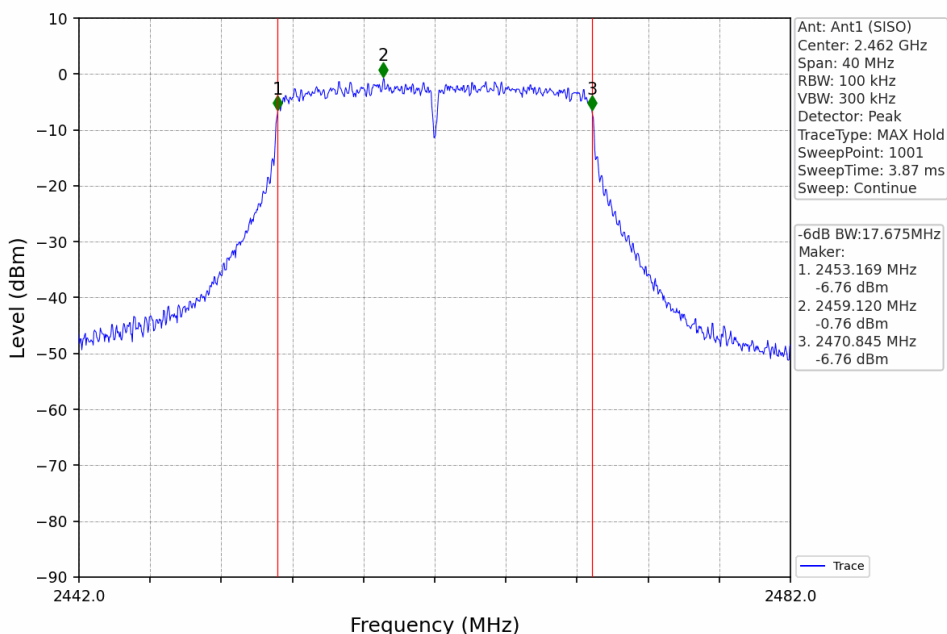


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	17.22	≤ 30	Pass
		2437	19.08	≤ 30	Pass
		2462	18.53	≤ 30	Pass
802.11g	SISO	2412	15.88	≤ 30	Pass
		2437	18.09	≤ 30	Pass
		2462	16.36	≤ 30	Pass
802.11n (HT20)	SISO	2412	13.65	≤ 30	Pass
		2437	17.25	≤ 30	Pass
		2462	14.28	≤ 30	Pass

Note1: Antenna Gain: Ant1: 5.84dBi;

4. Maximum Power Spectral Density

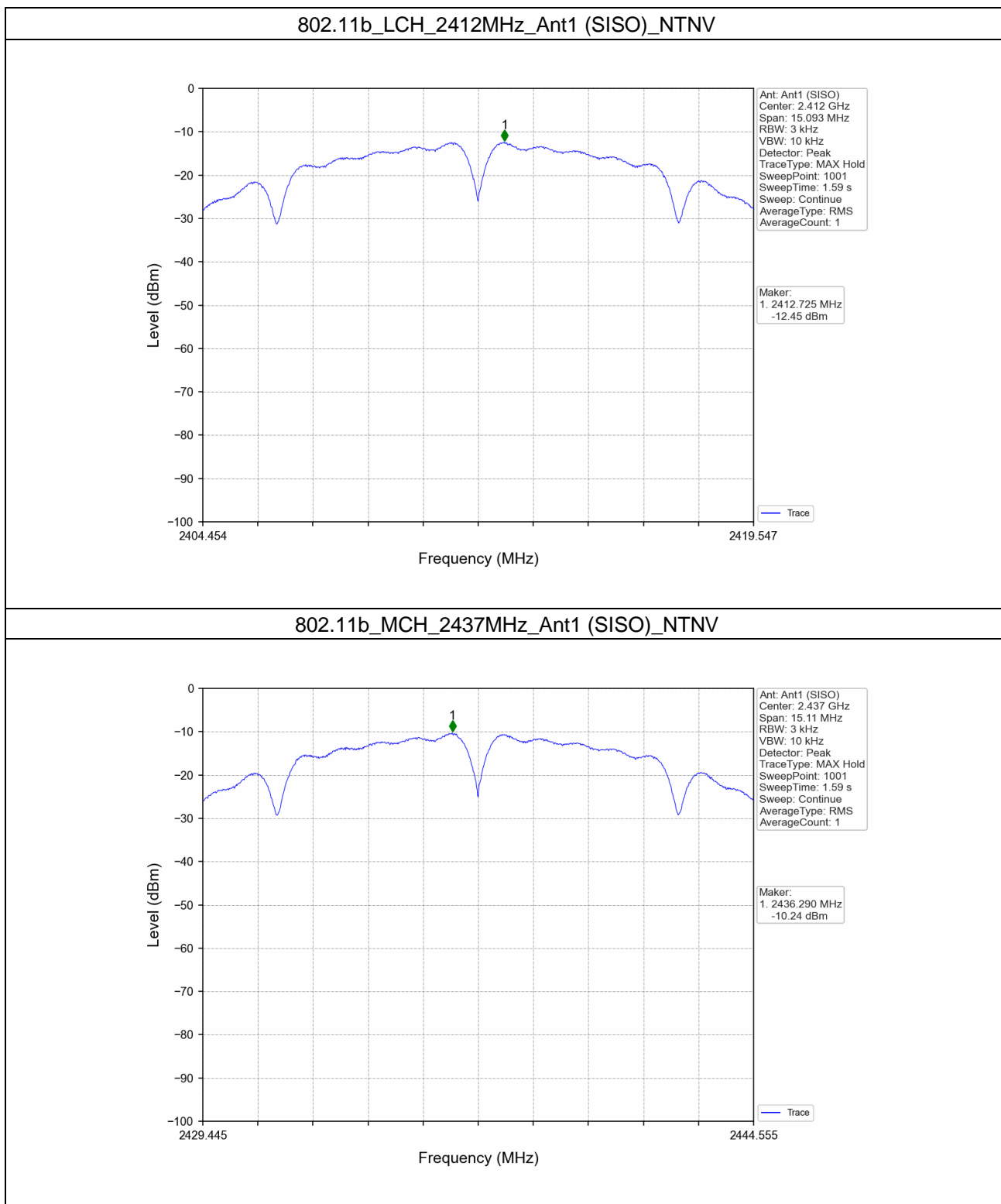
4.1 PSD

4.1.1 Test Result

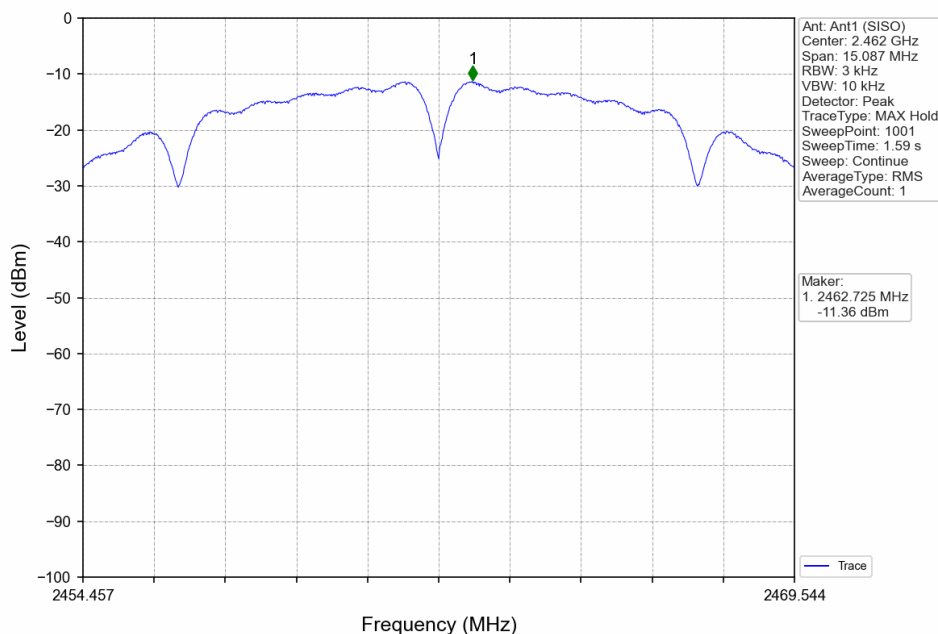
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	-12.45	<=8	Pass
		2437	-10.24	<=8	Pass
		2462	-11.36	<=8	Pass
802.11g	SISO	2412	-12.27	<=8	Pass
		2437	-9.97	<=8	Pass
		2462	-12.38	<=8	Pass
802.11n (HT20)	SISO	2412	-15.44	<=8	Pass
		2437	-10.76	<=8	Pass
		2462	-14.40	<=8	Pass

Note1: Antenna Gain: Ant1: 5.84dBi;

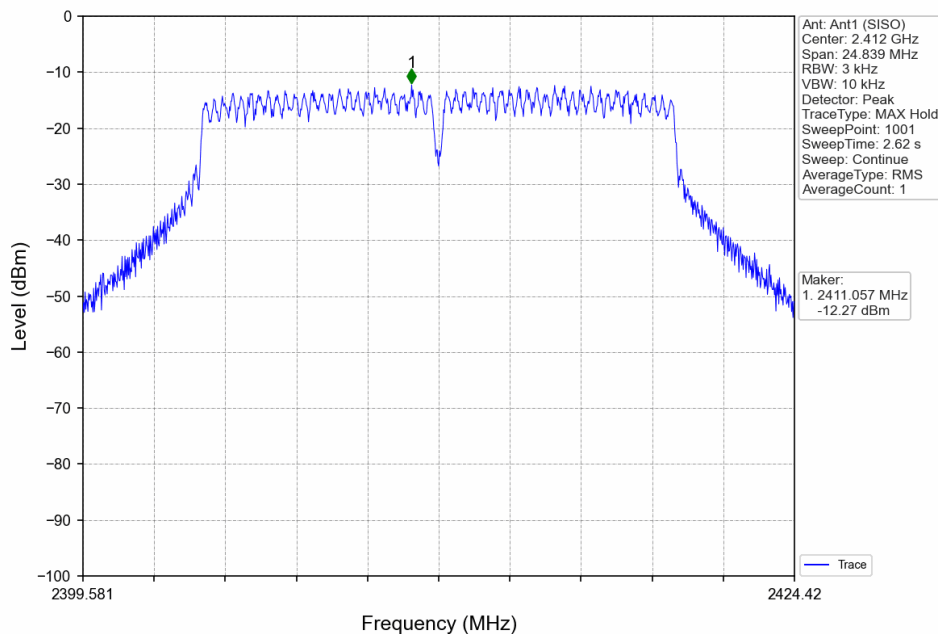
4.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

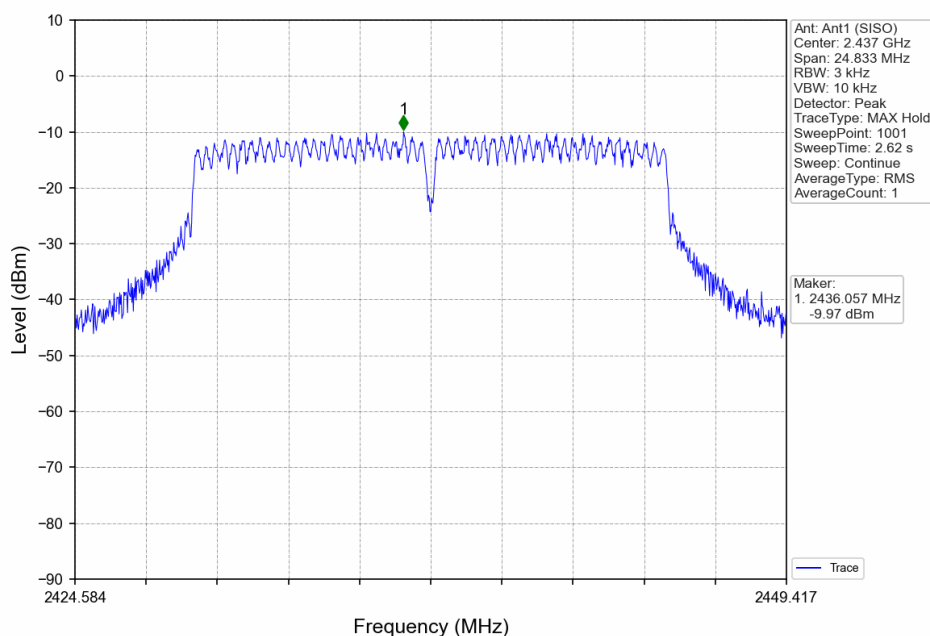


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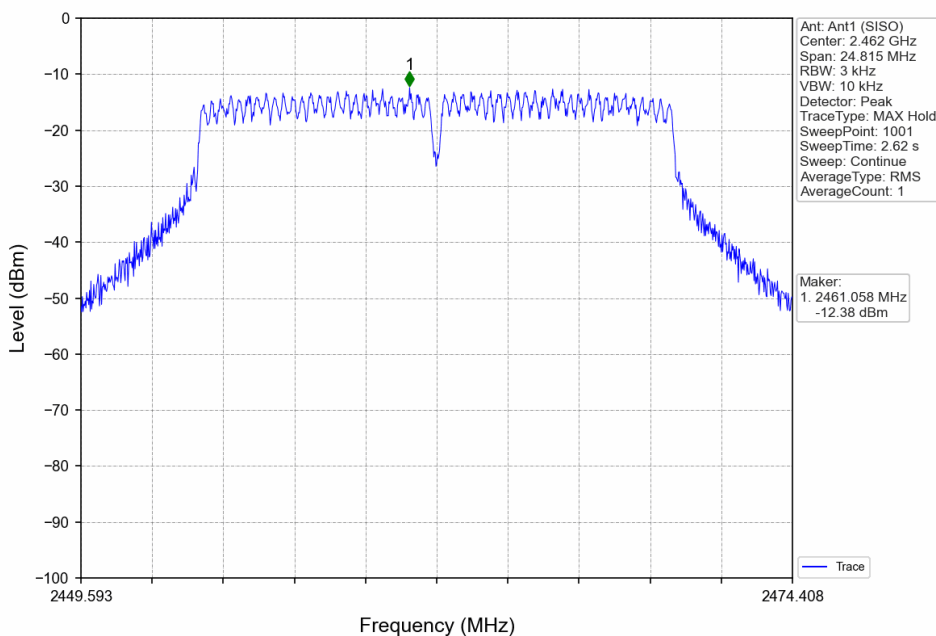
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

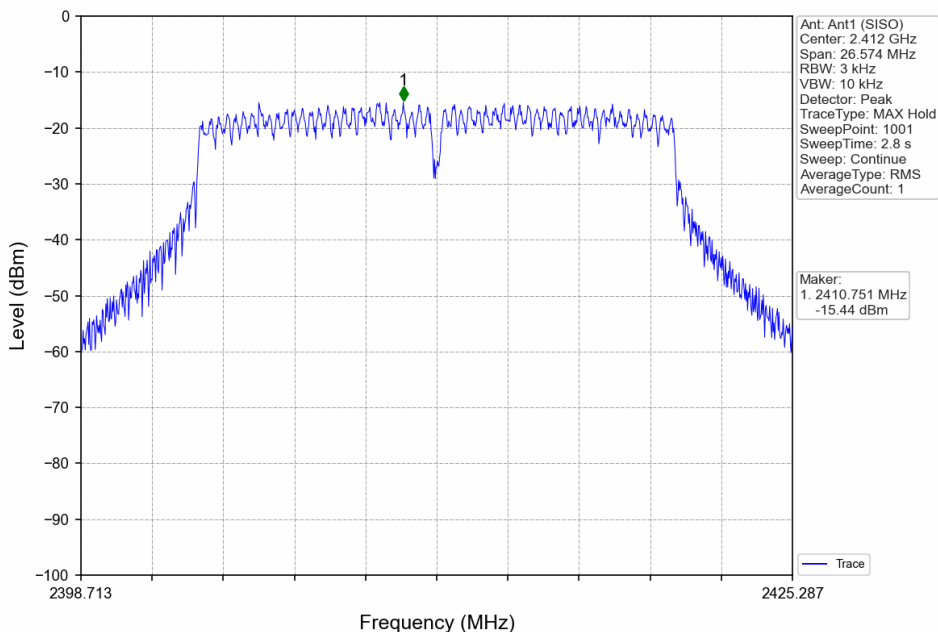
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



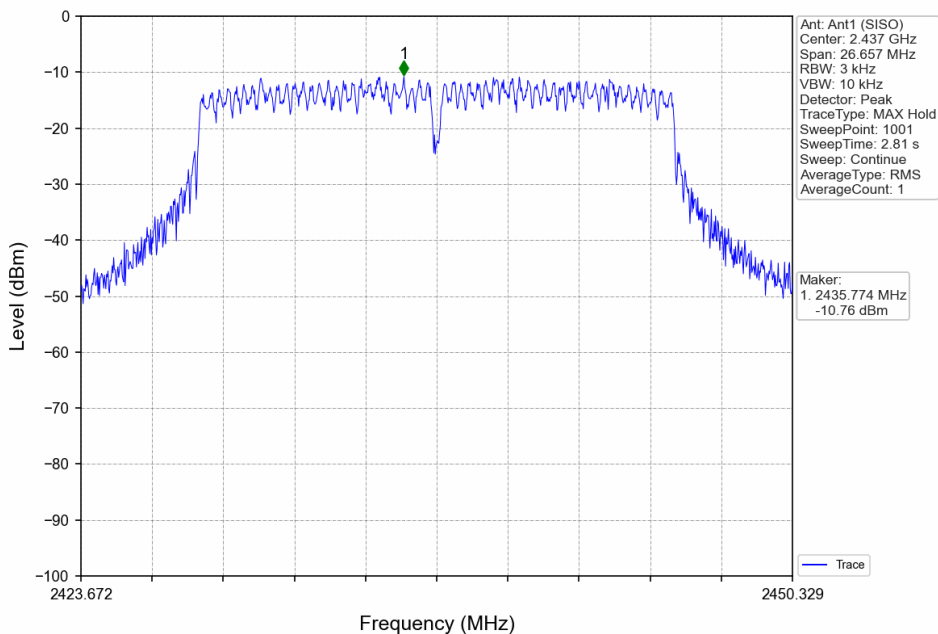
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

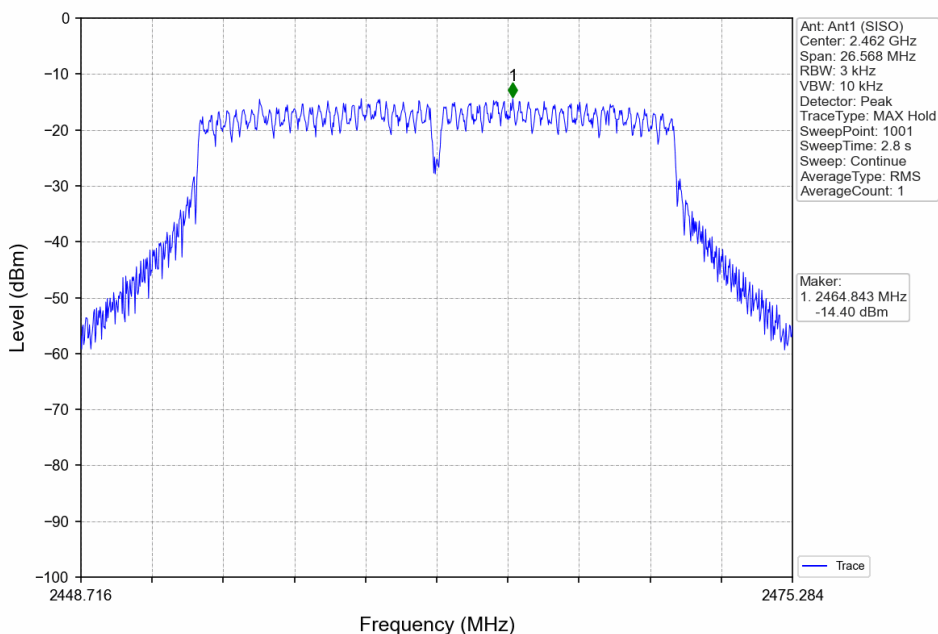


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

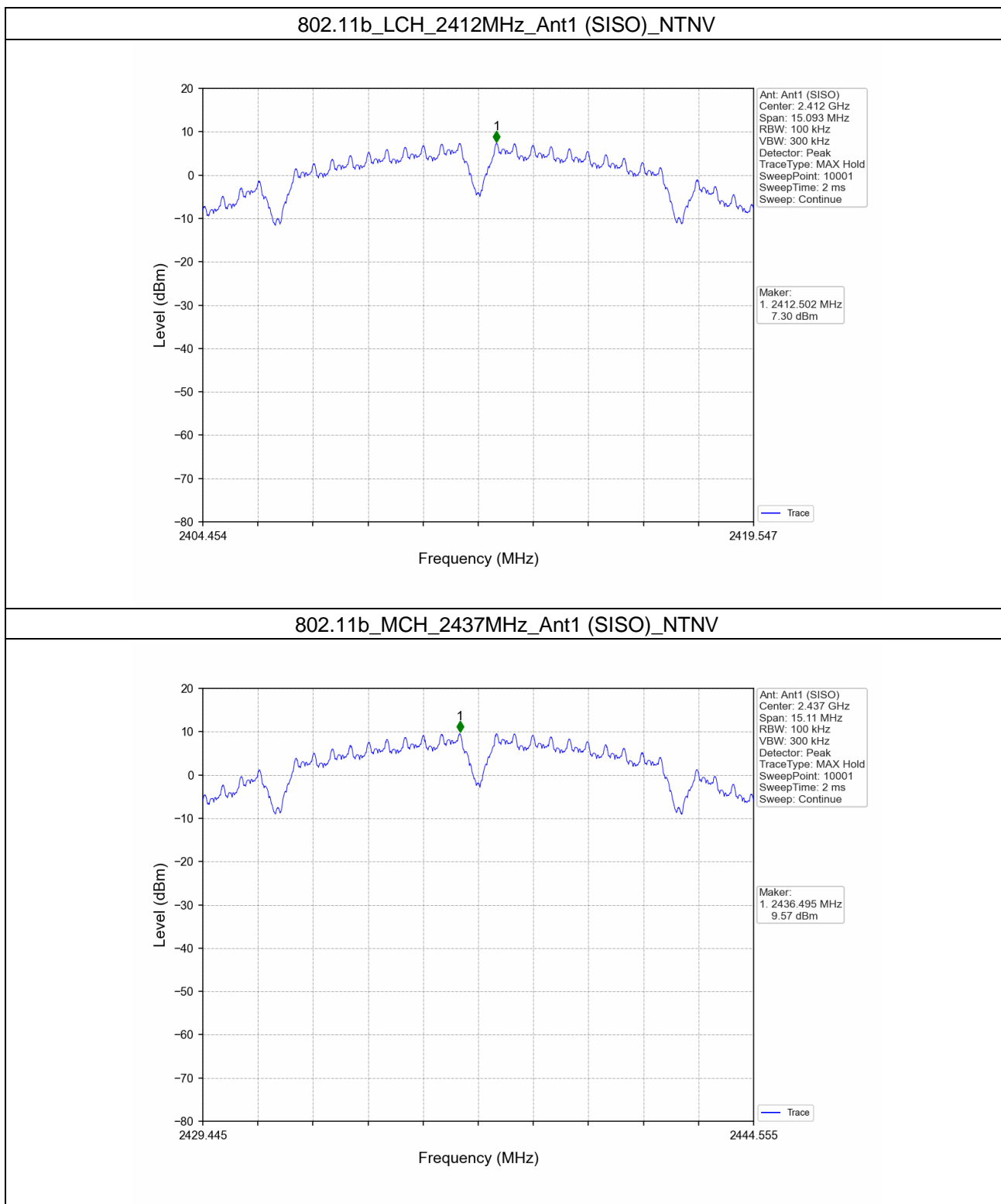
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
802.11b	SISO	2412	1	7.30
		2437	1	9.57
		2462	1	8.40
802.11g	SISO	2412	1	1.90
		2437	1	4.18
		2462	1	1.78
802.11n (HT20)	SISO	2412	1	-0.99
		2437	1	3.70
		2462	1	0.28

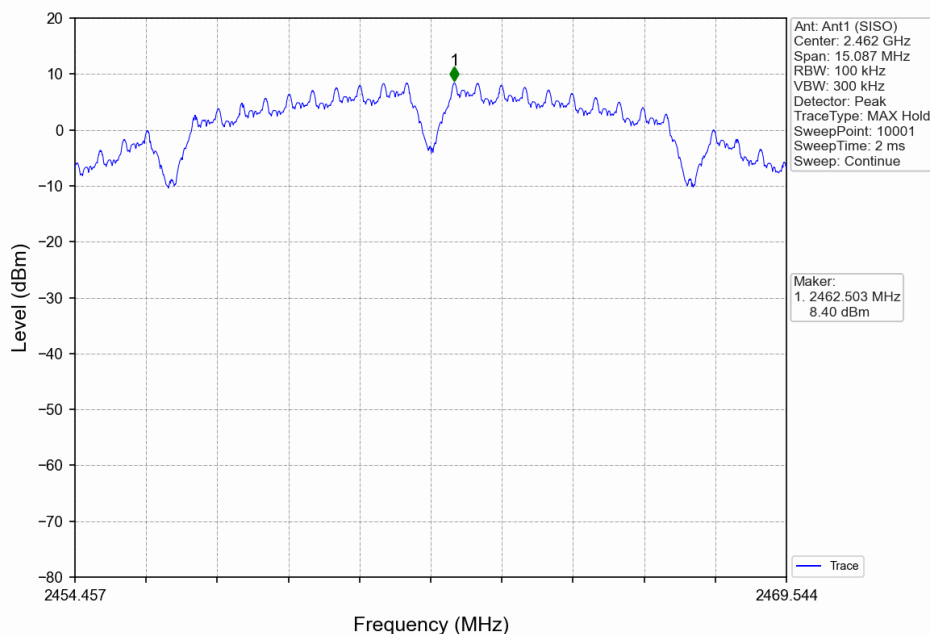
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

5.1.2 Test Graph

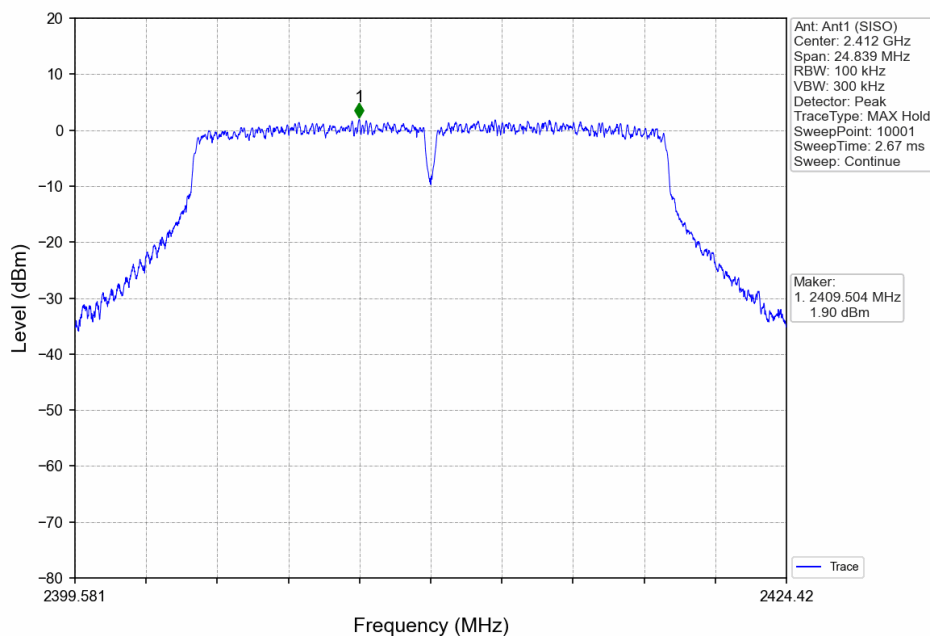


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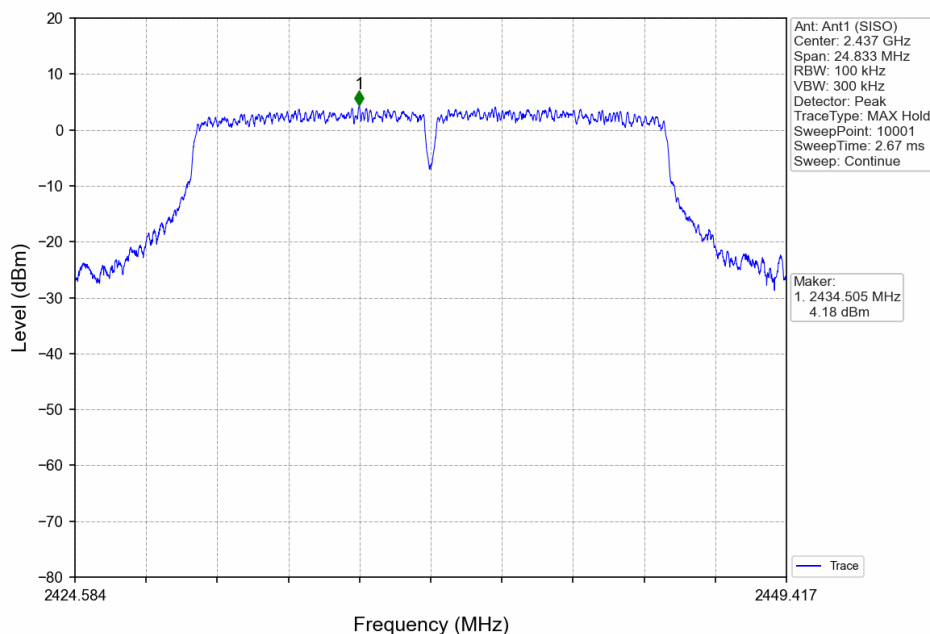
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



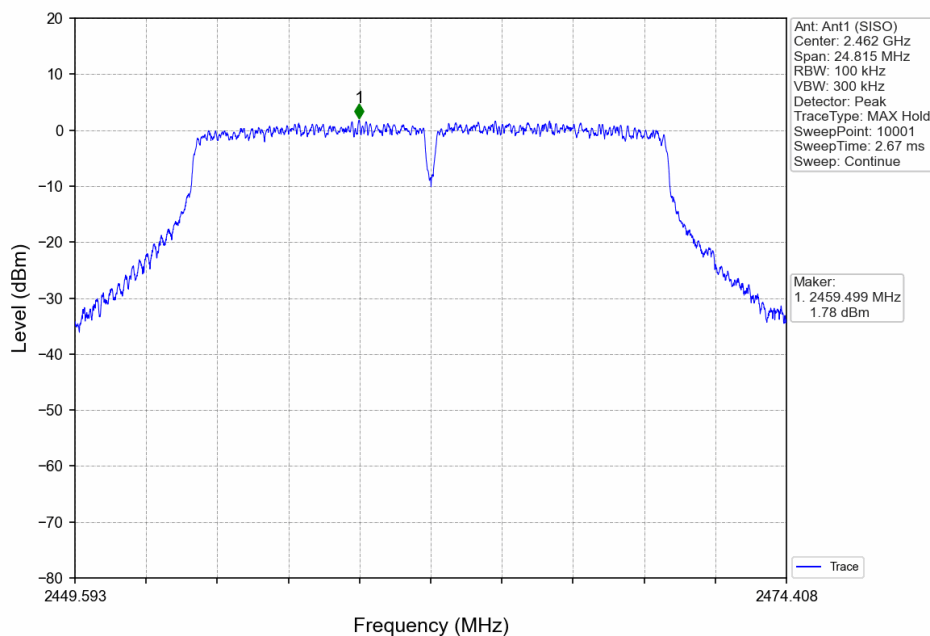
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



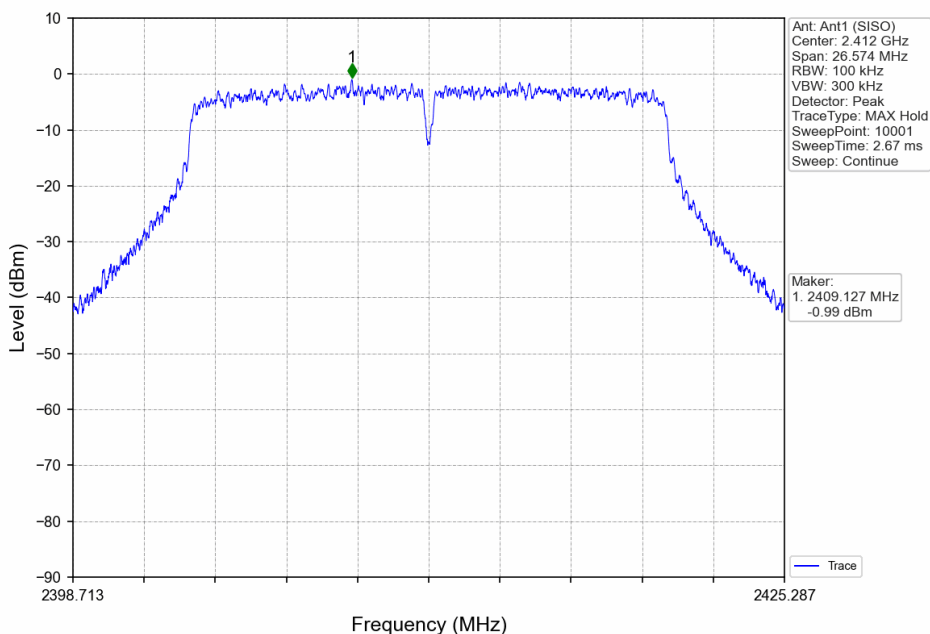
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



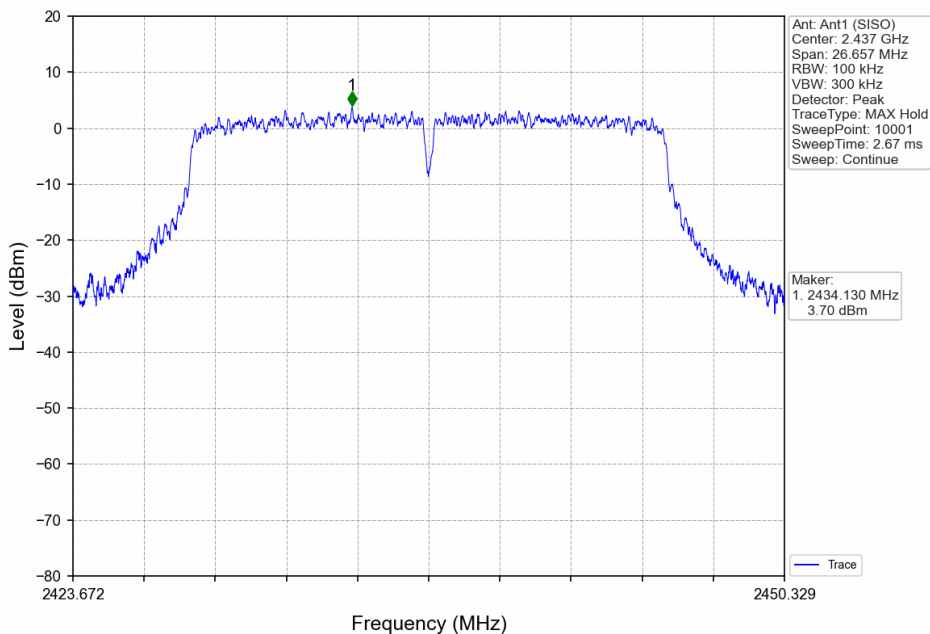
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

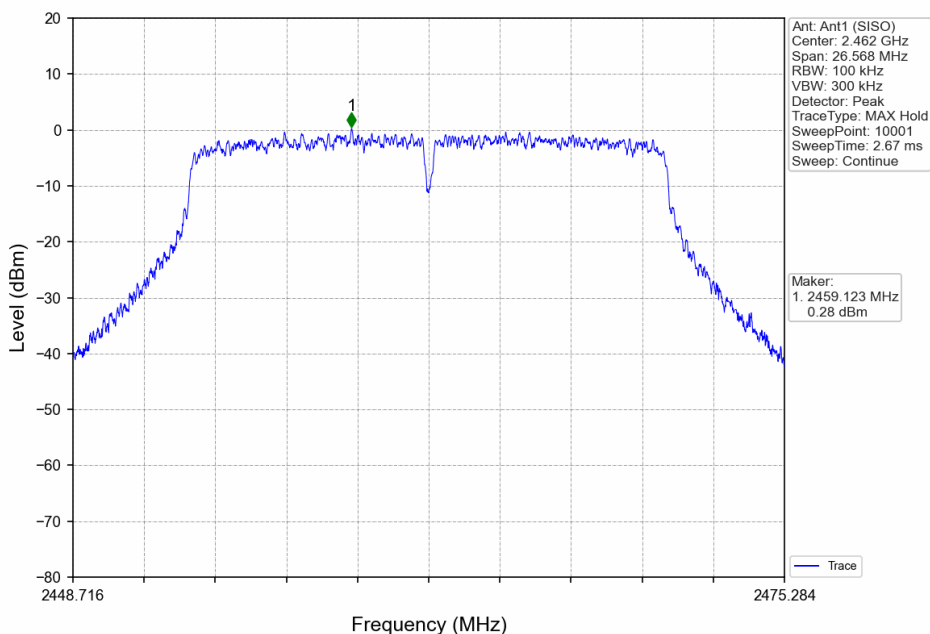


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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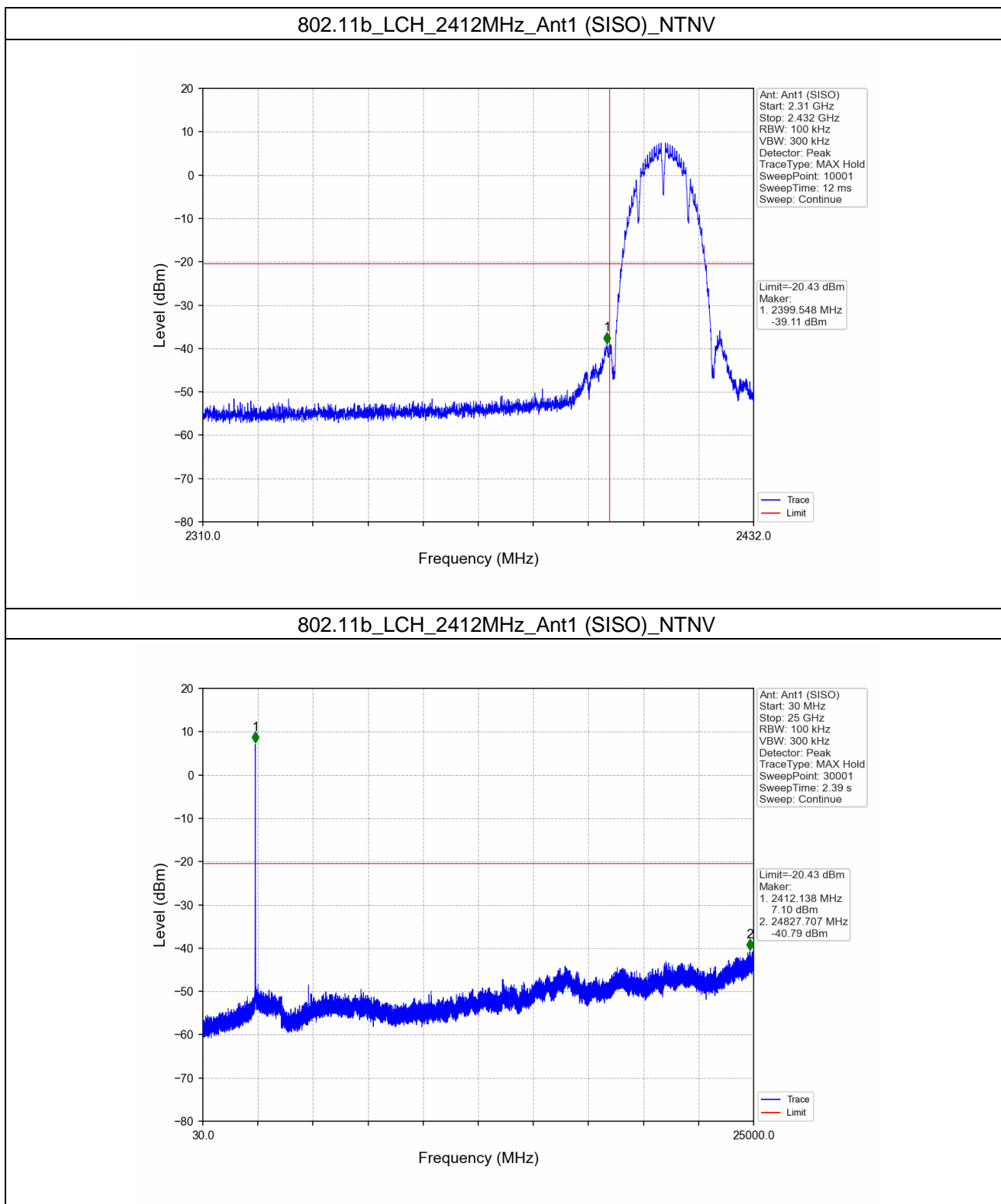
5.2 CSE

5.2.1 Test Result

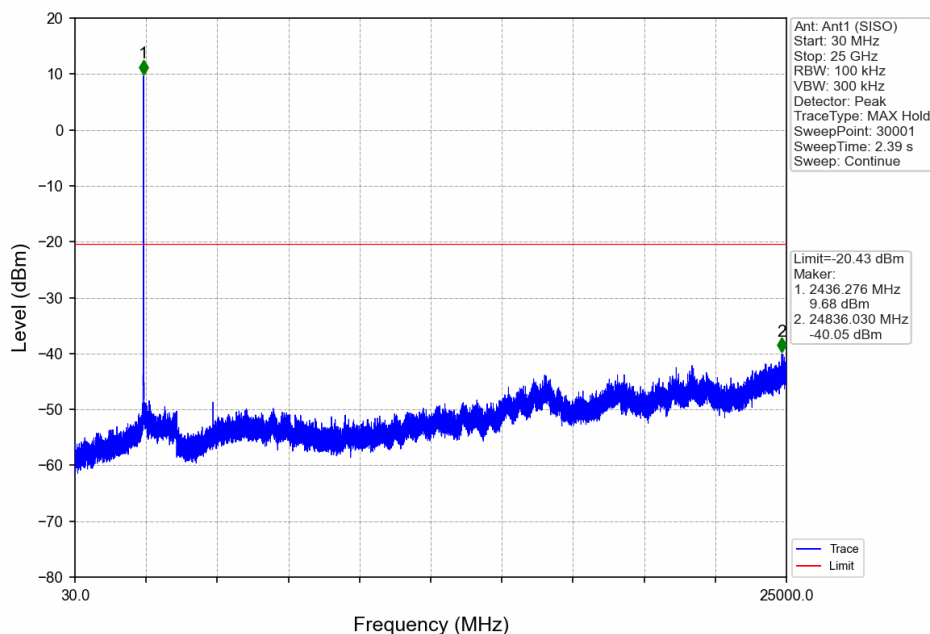
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.57	-20.43	Pass
		2437	1	9.57	-20.43	Pass
		2462	1	9.57	-20.43	Pass
802.11g	SISO	2412	1	4.18	-25.82	Pass
		2437	1	4.18	-25.82	Pass
		2462	1	4.18	-25.82	Pass
802.11n (HT20)	SISO	2412	1	3.70	-26.30	Pass
		2437	1	3.70	-26.30	Pass
		2462	1	3.70	-26.30	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.

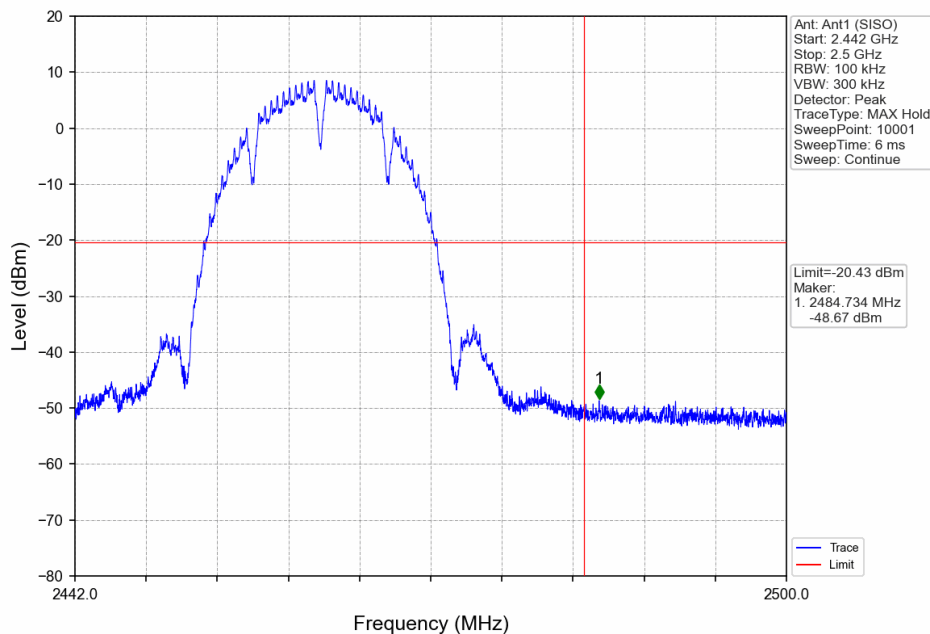
5.2.2 Test Graph



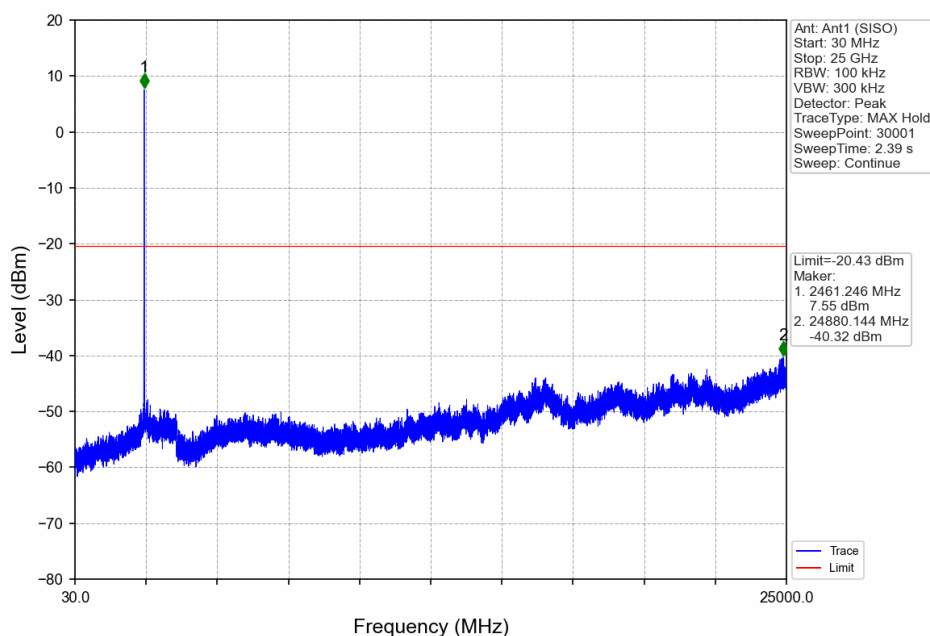
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



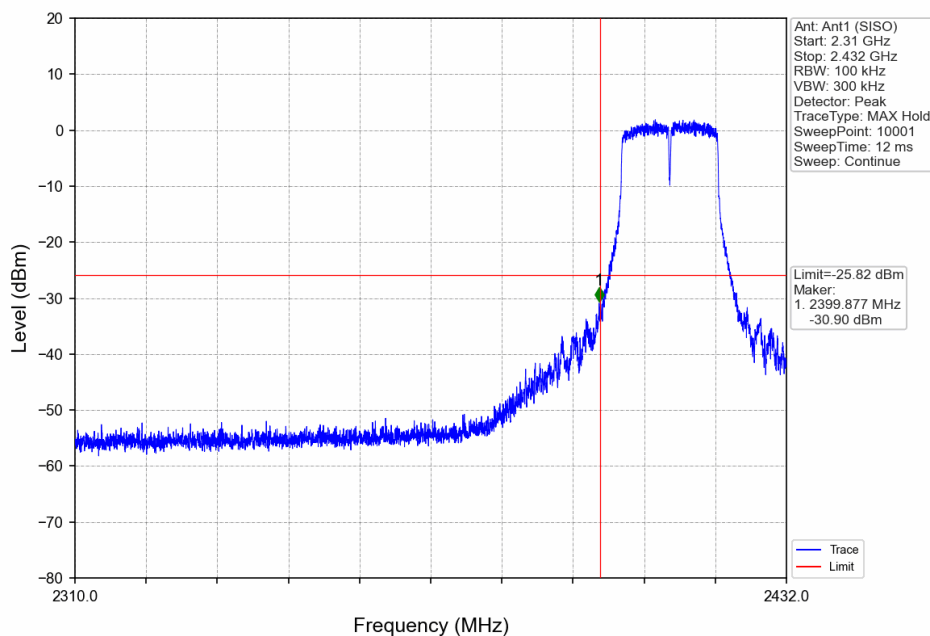
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

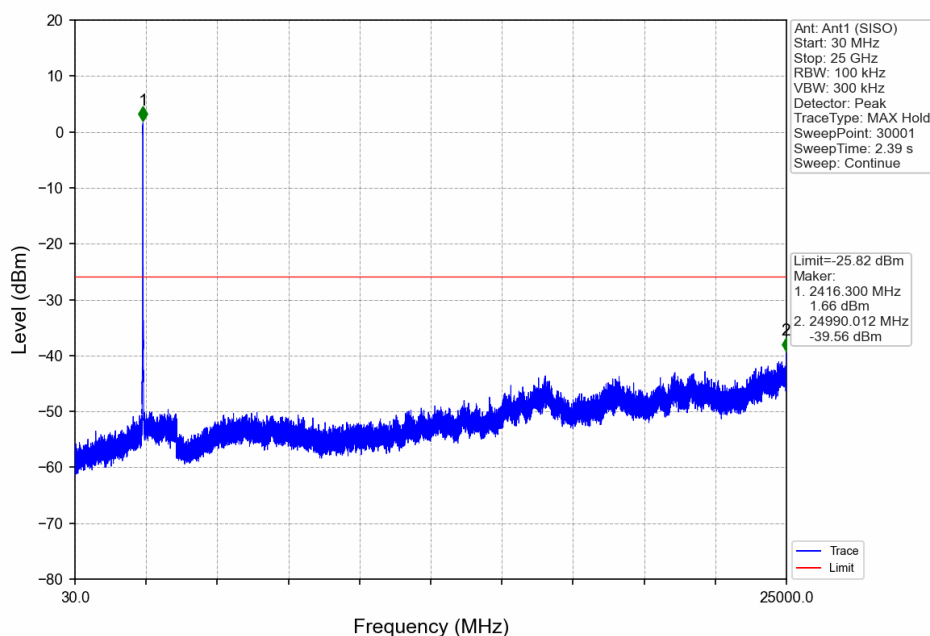


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

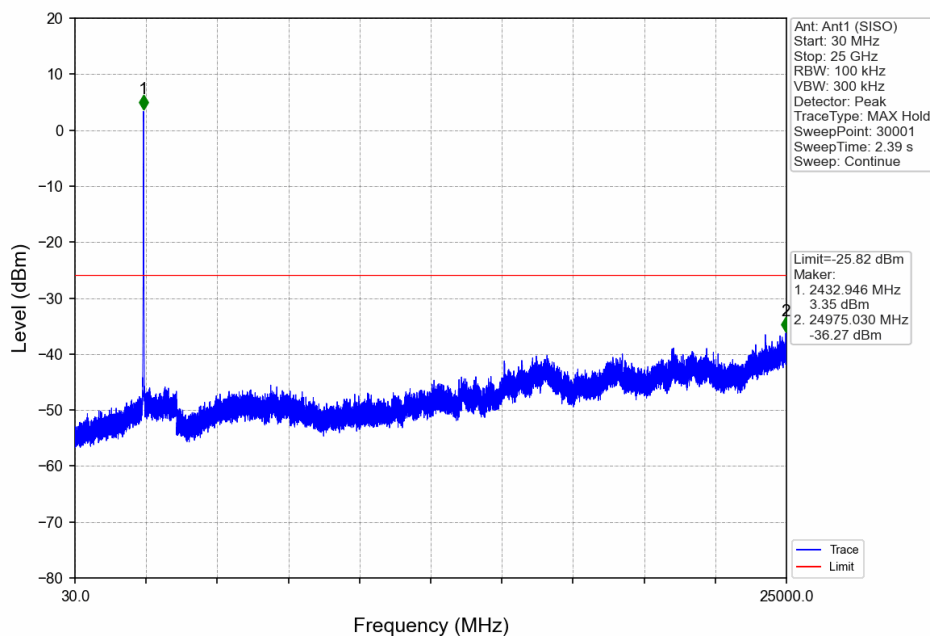


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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



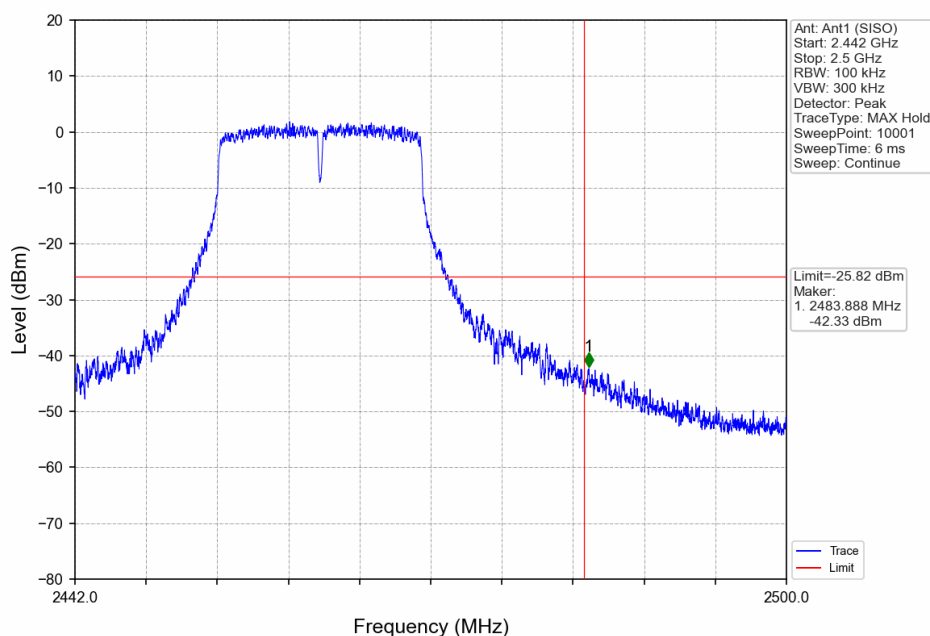
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



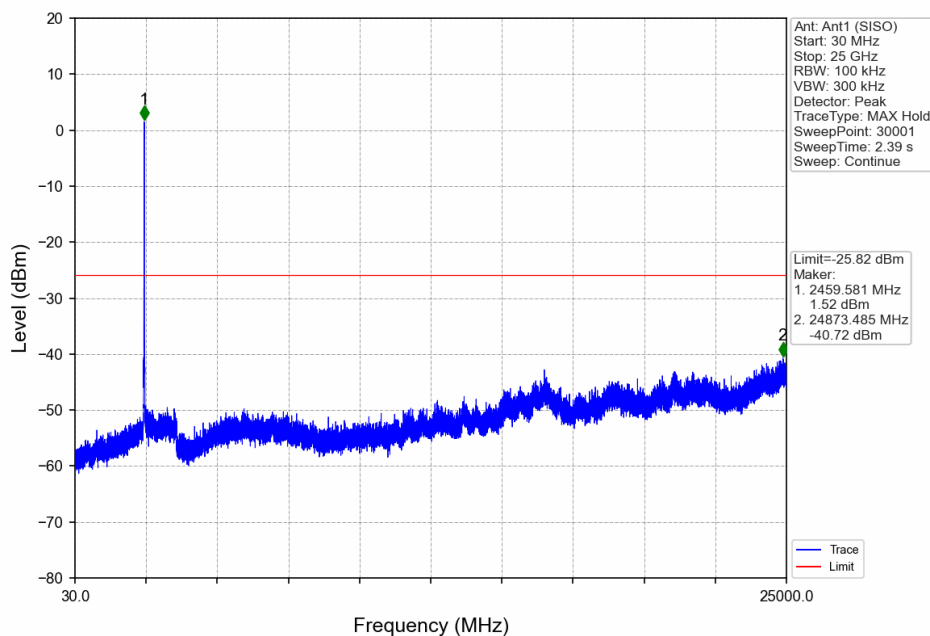
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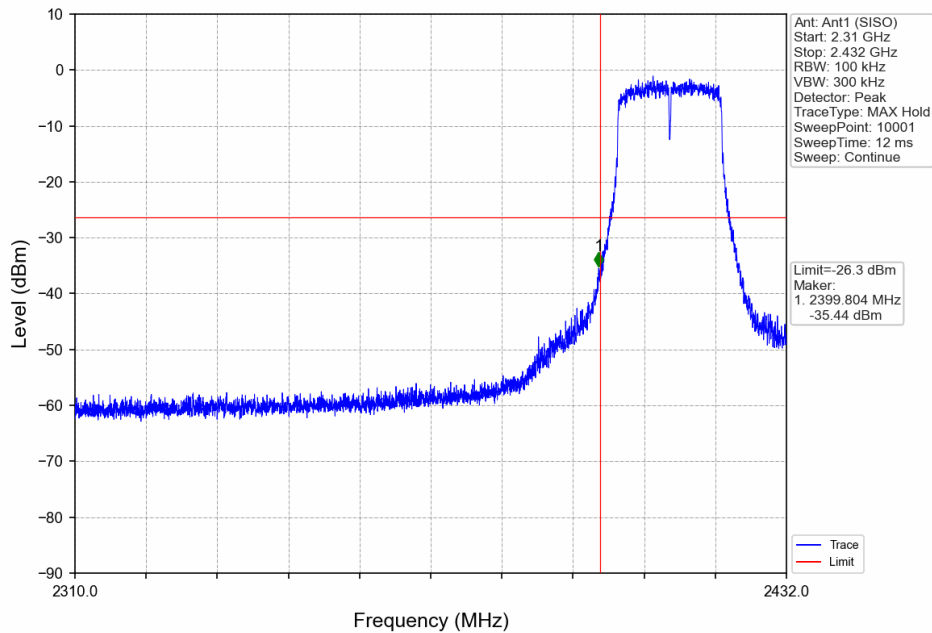
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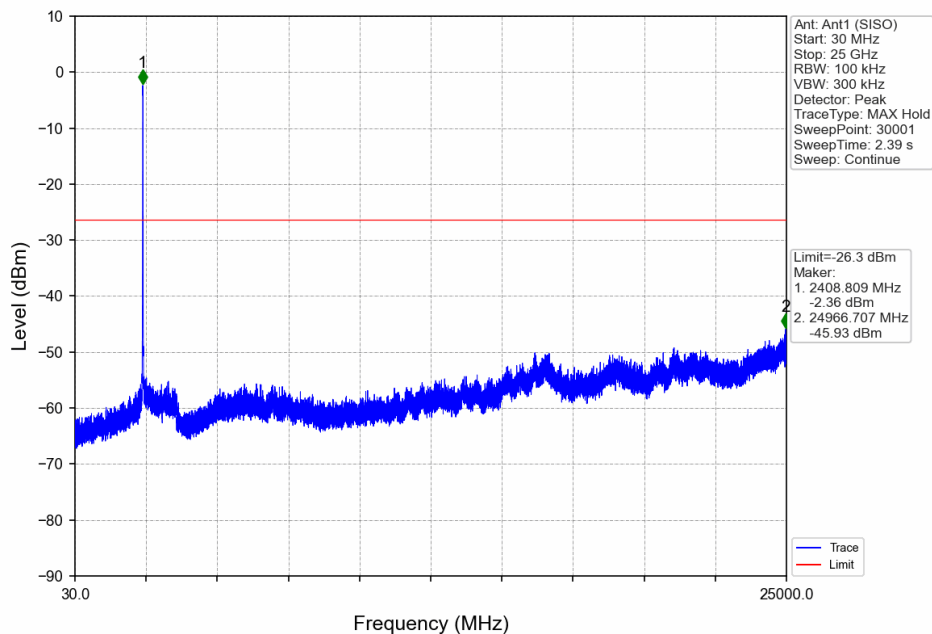
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

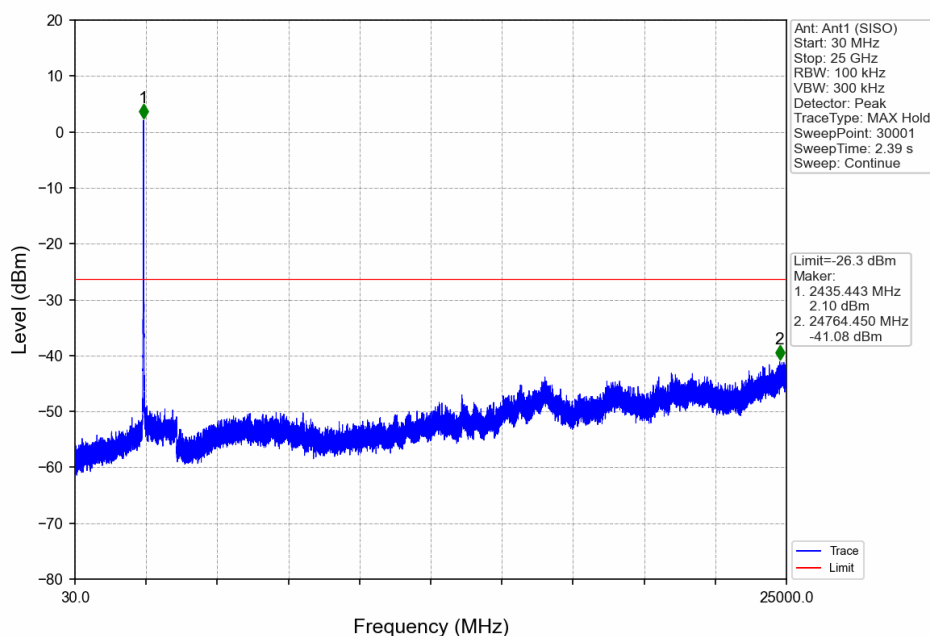


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

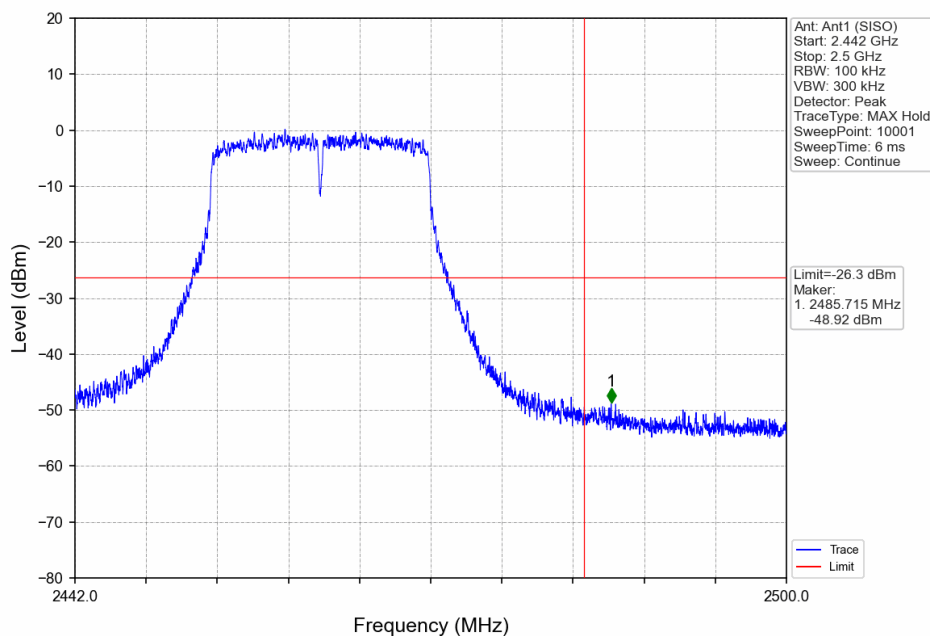


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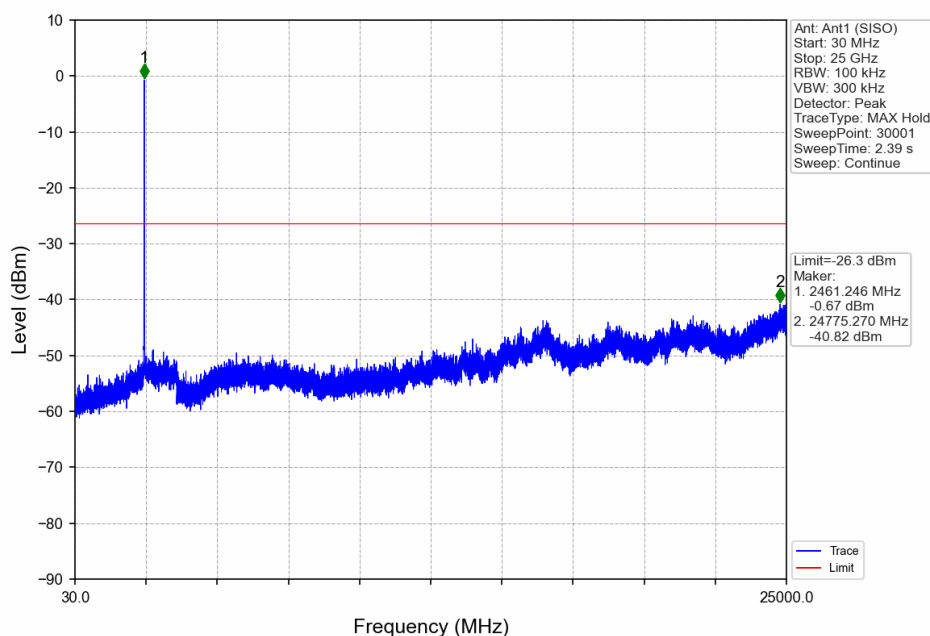
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



- End of the Report -