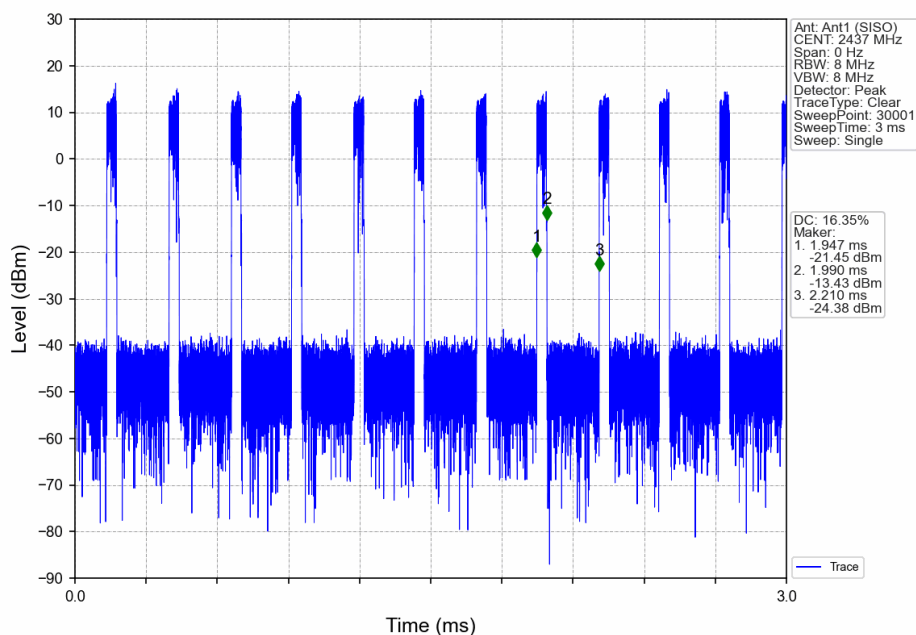
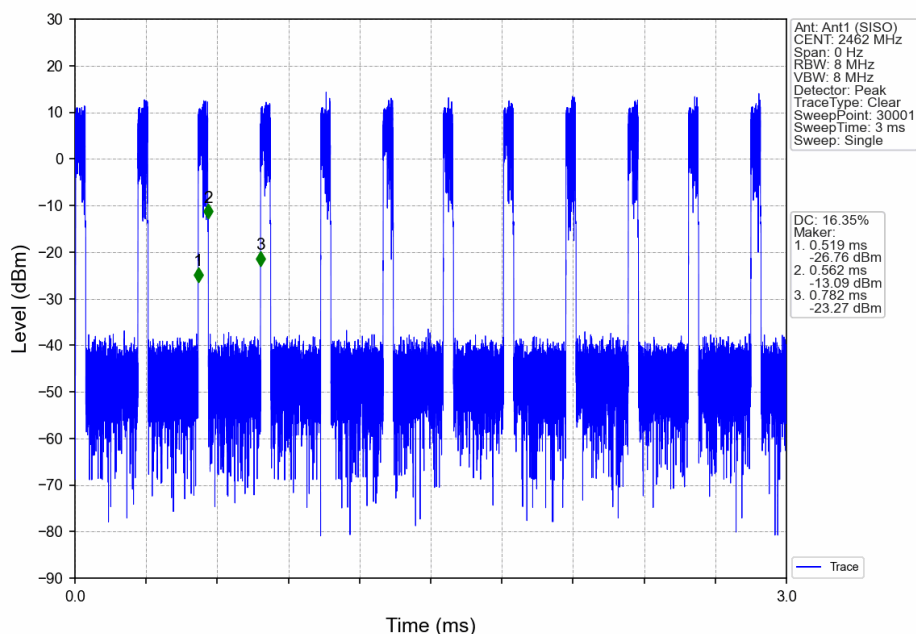


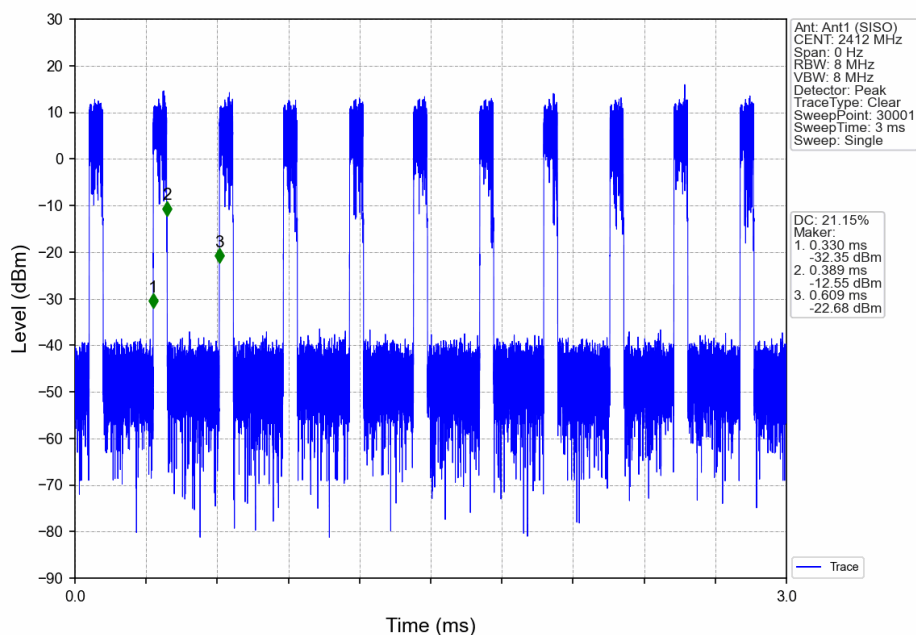
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



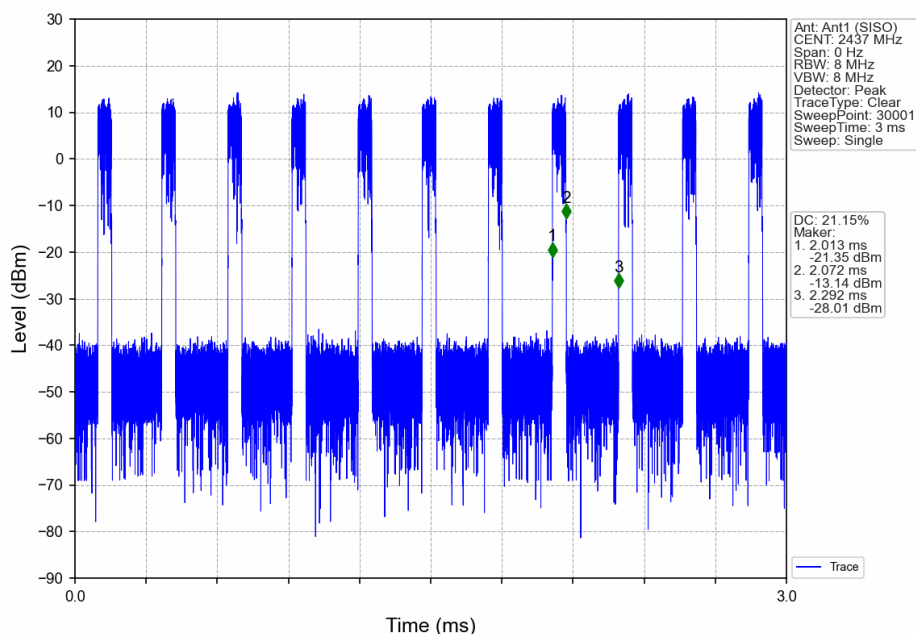
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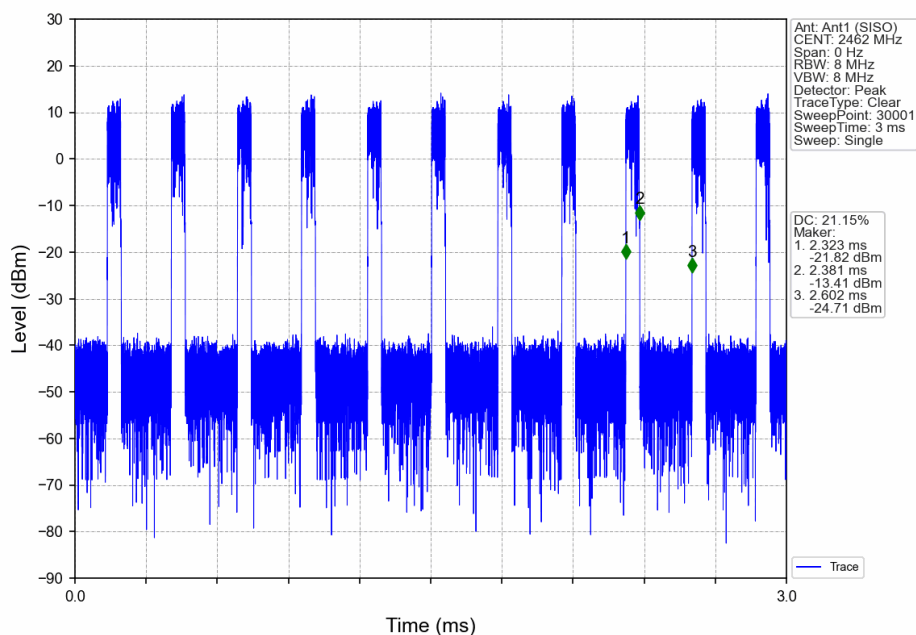
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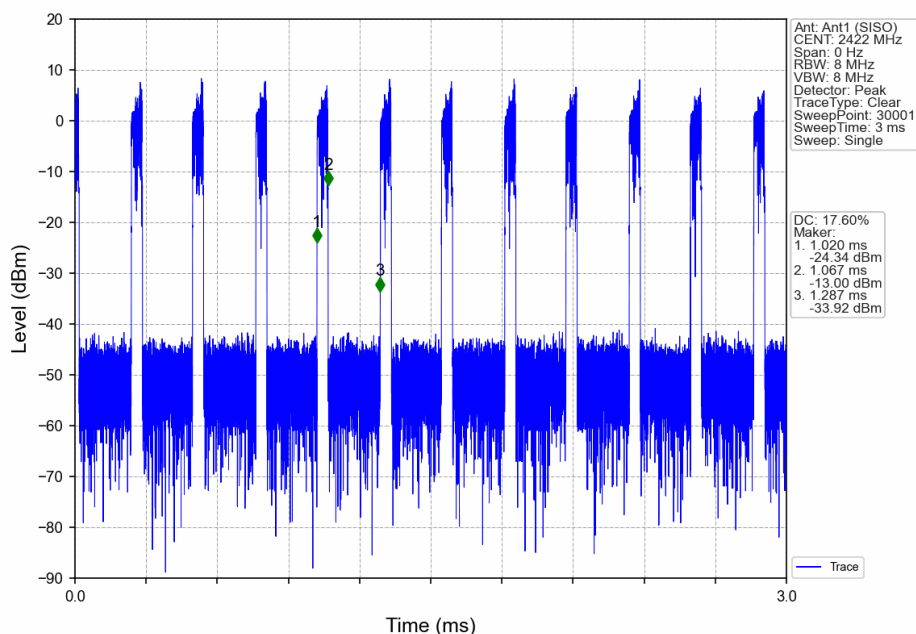
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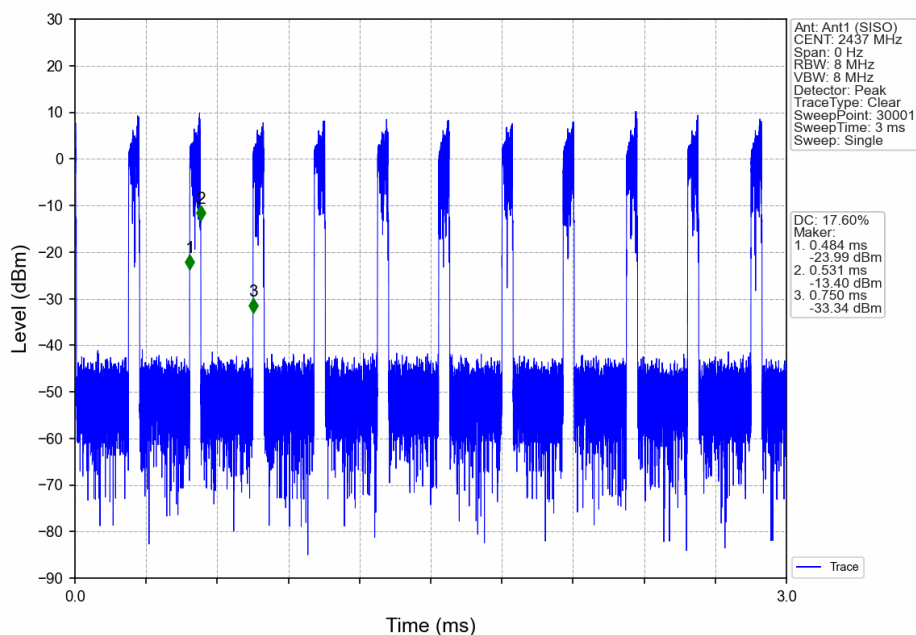
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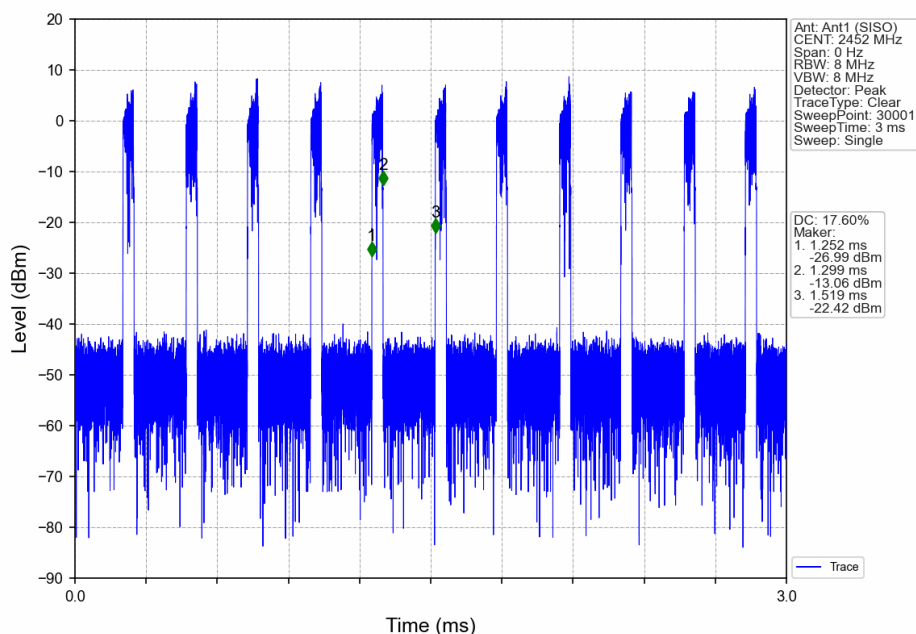
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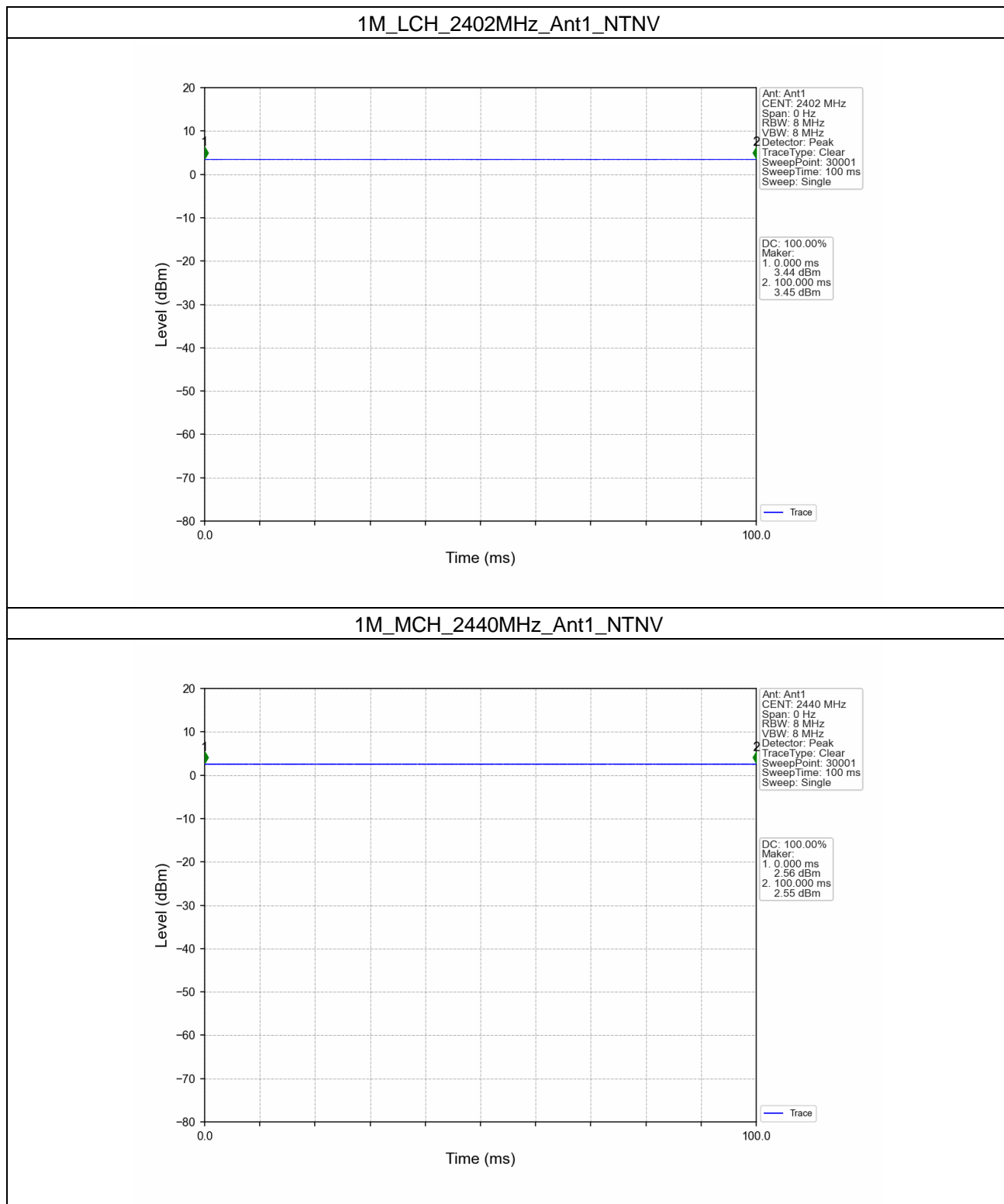


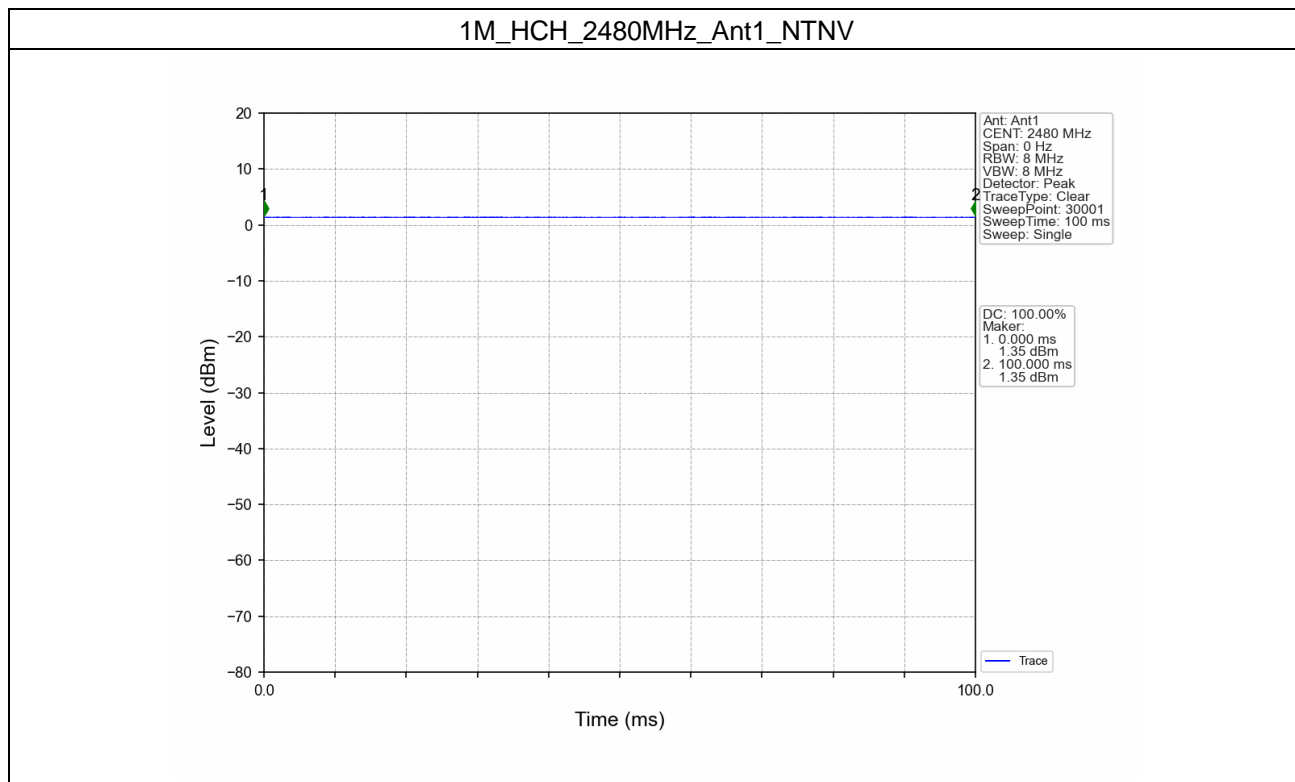
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802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV







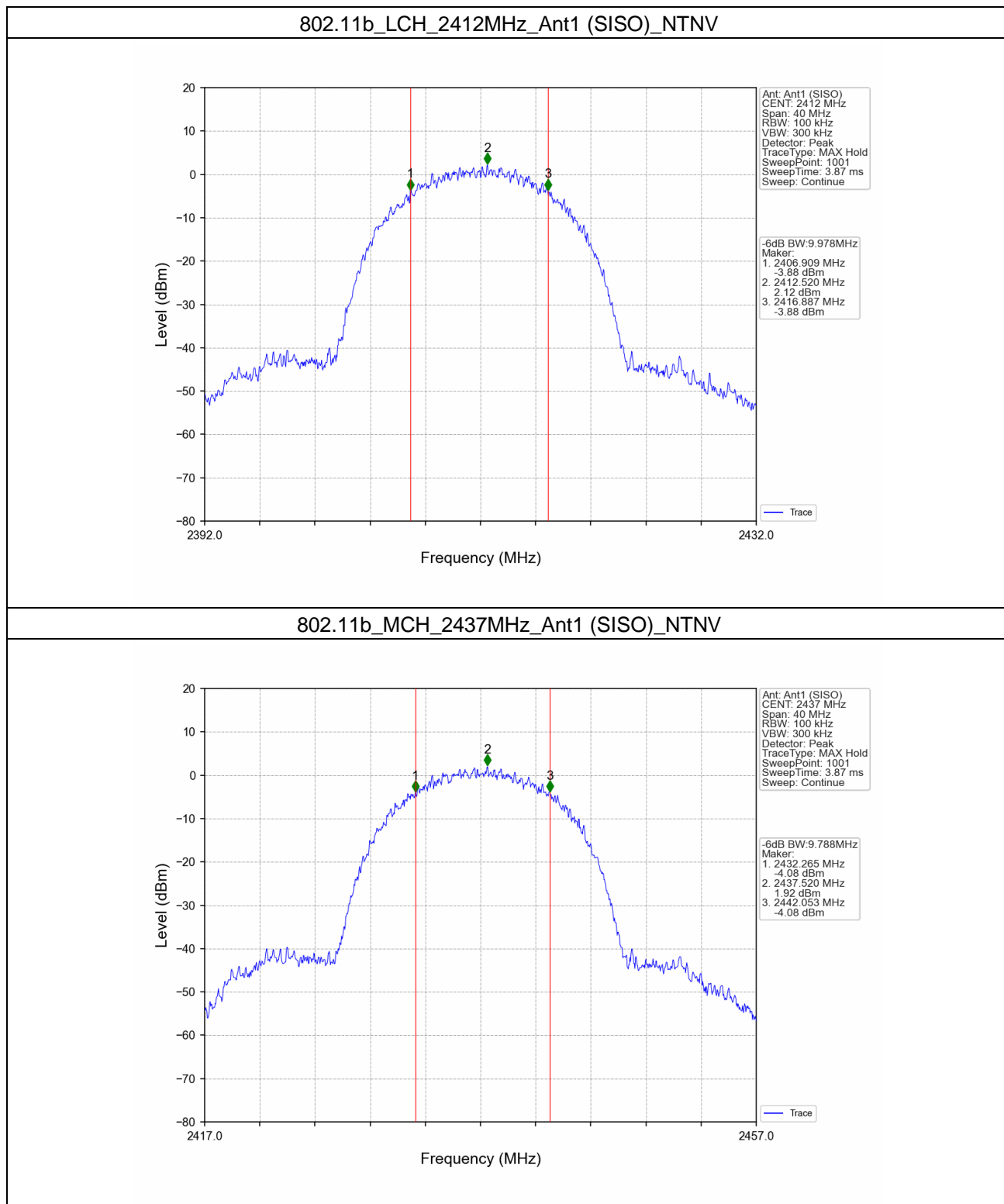
2. Bandwidth

2.1 6dB BW

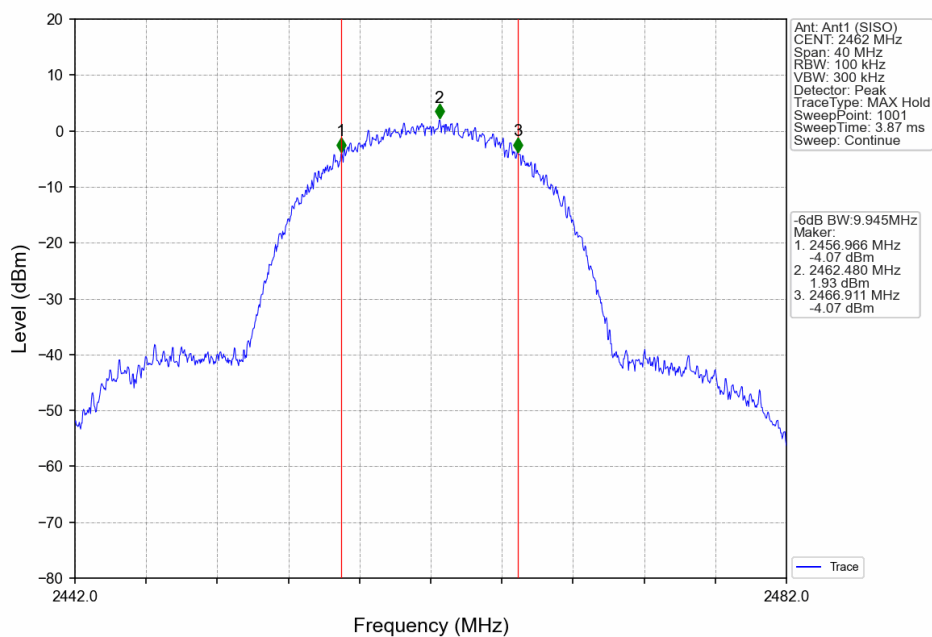
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.978	≥ 0.5	Pass
		2437	1	9.788	≥ 0.5	Pass
		2462	1	9.945	≥ 0.5	Pass
802.11g	SISO	2412	1	15.136	≥ 0.5	Pass
		2437	1	15.134	≥ 0.5	Pass
		2462	1	15.154	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	15.144	≥ 0.5	Pass
		2437	1	15.142	≥ 0.5	Pass
		2462	1	15.162	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.111	≥ 0.5	Pass
		2437	1	35.118	≥ 0.5	Pass
		2452	1	35.098	≥ 0.5	Pass
1M	SISO	2402	1	0.703	≥ 0.5	Pass
		2440	1	0.712	≥ 0.5	Pass
		2480	1	0.720	≥ 0.5	Pass

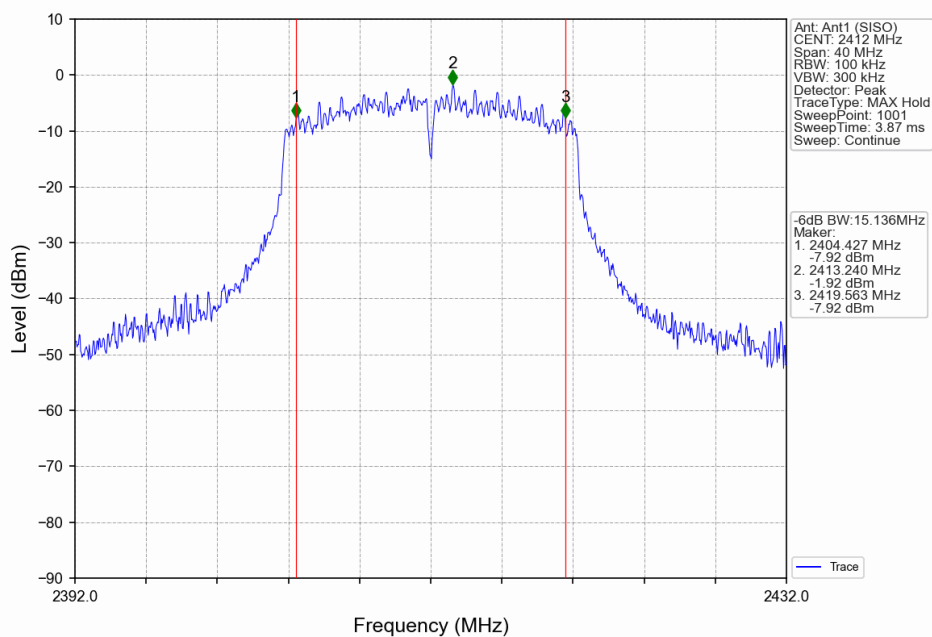
2.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



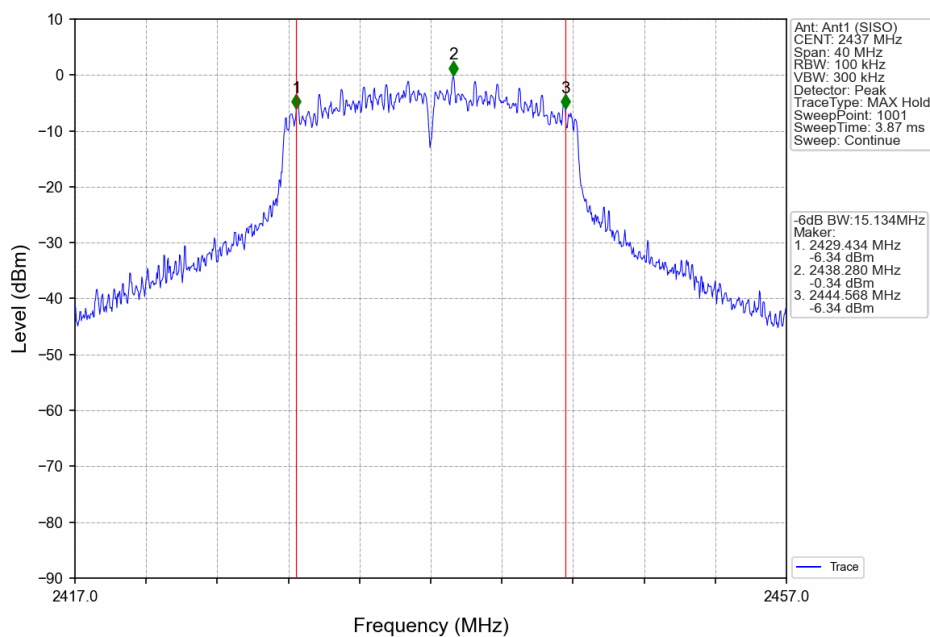
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



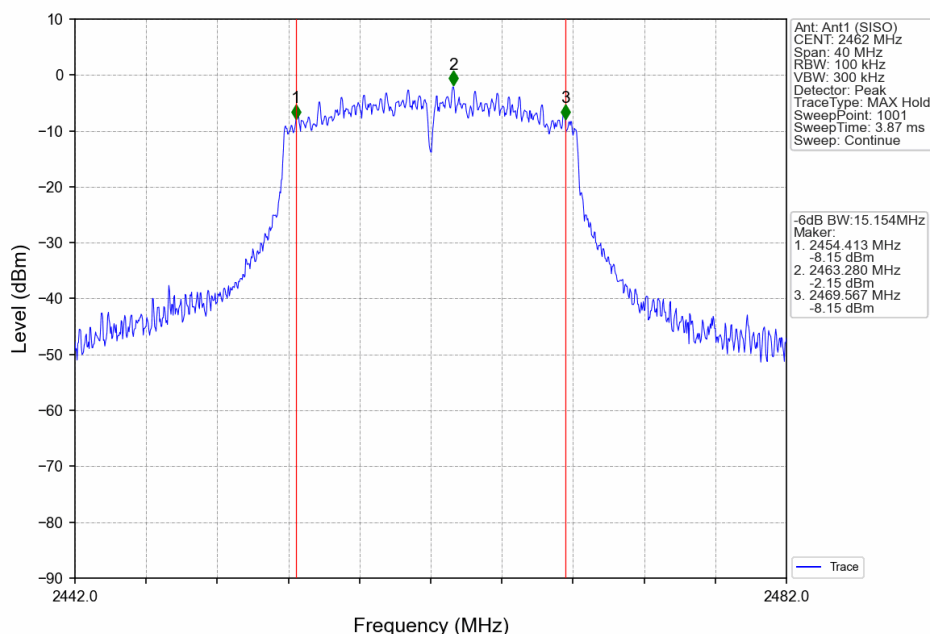
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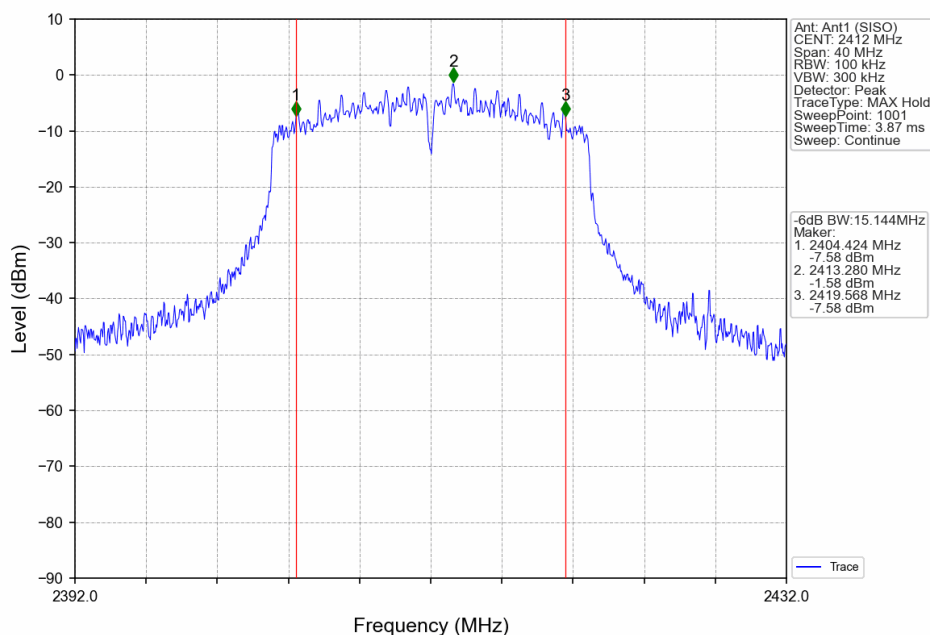
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



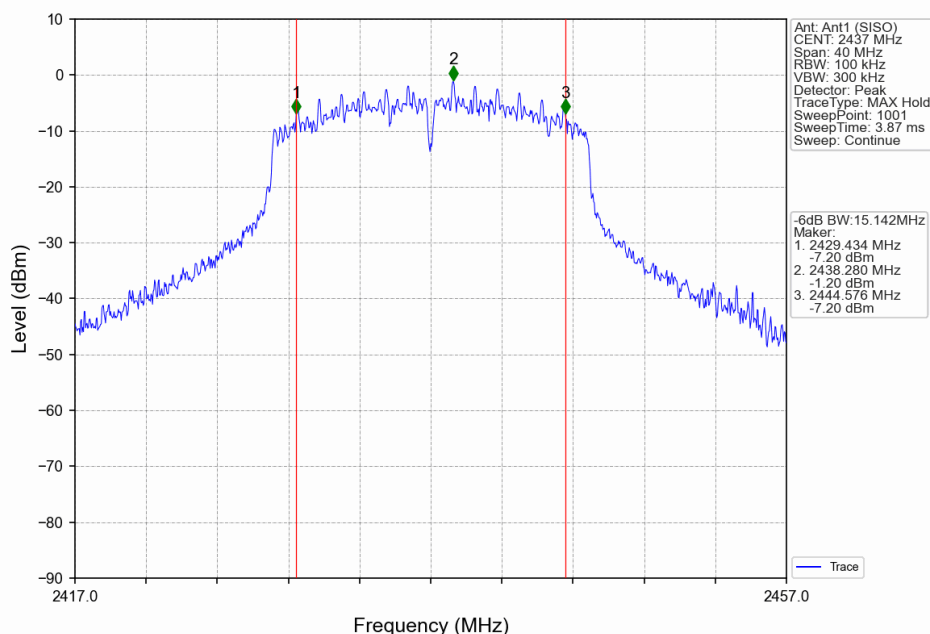
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

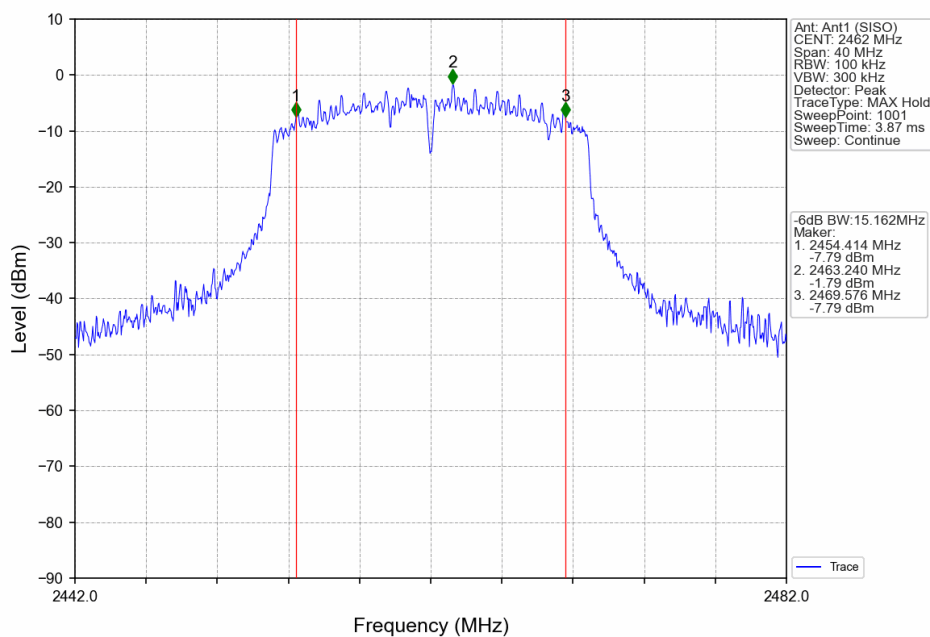


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

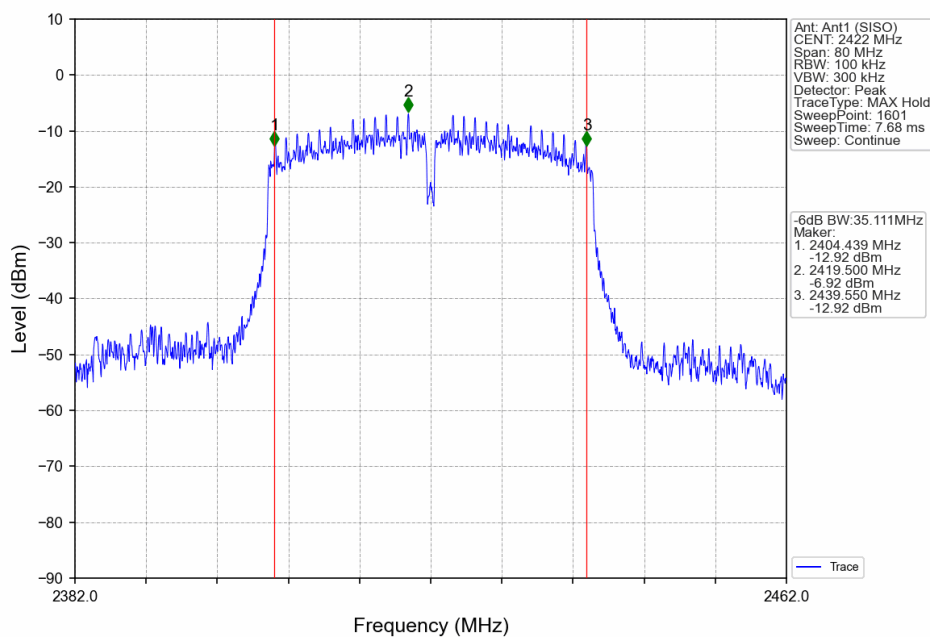


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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

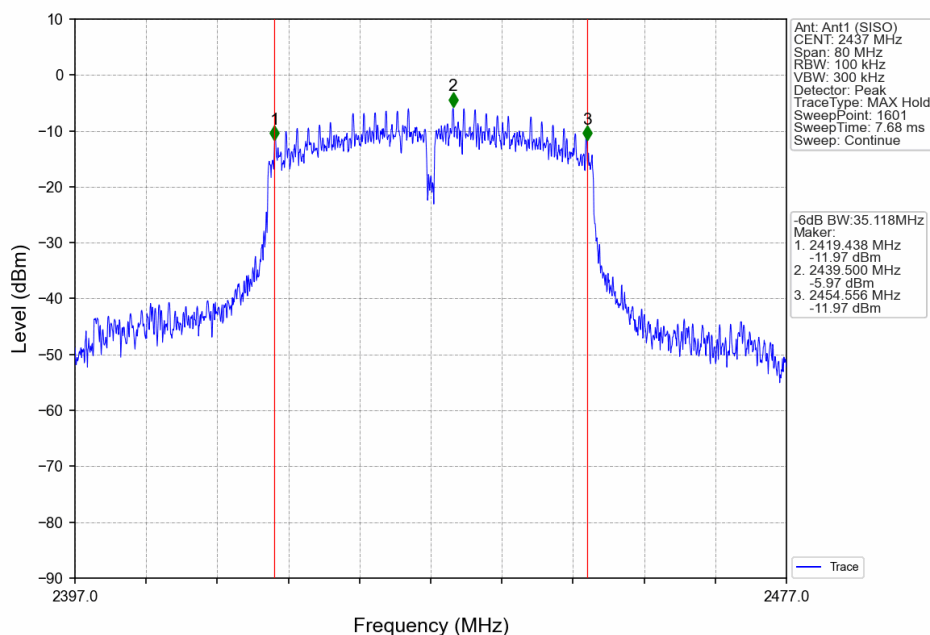


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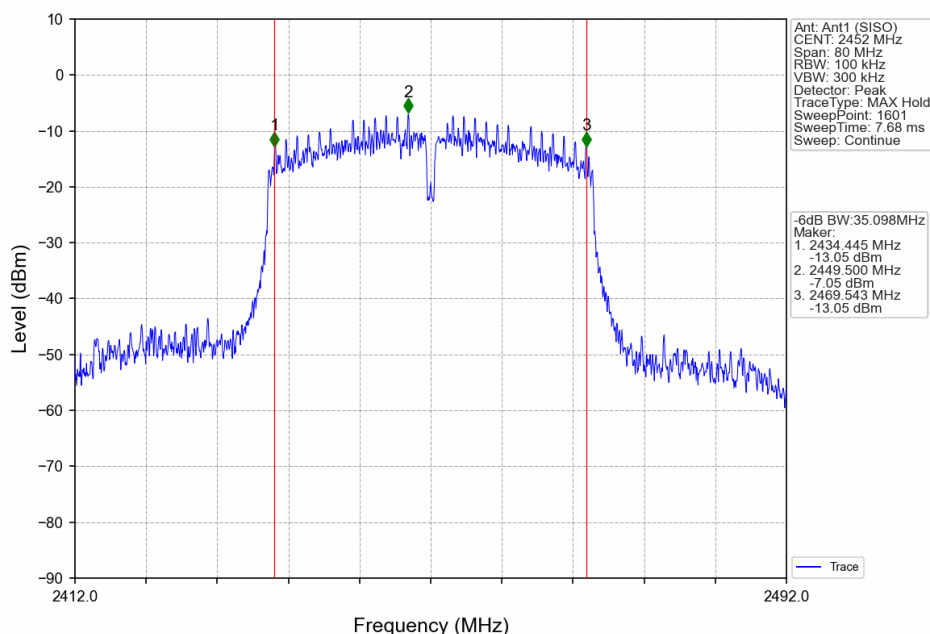
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802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

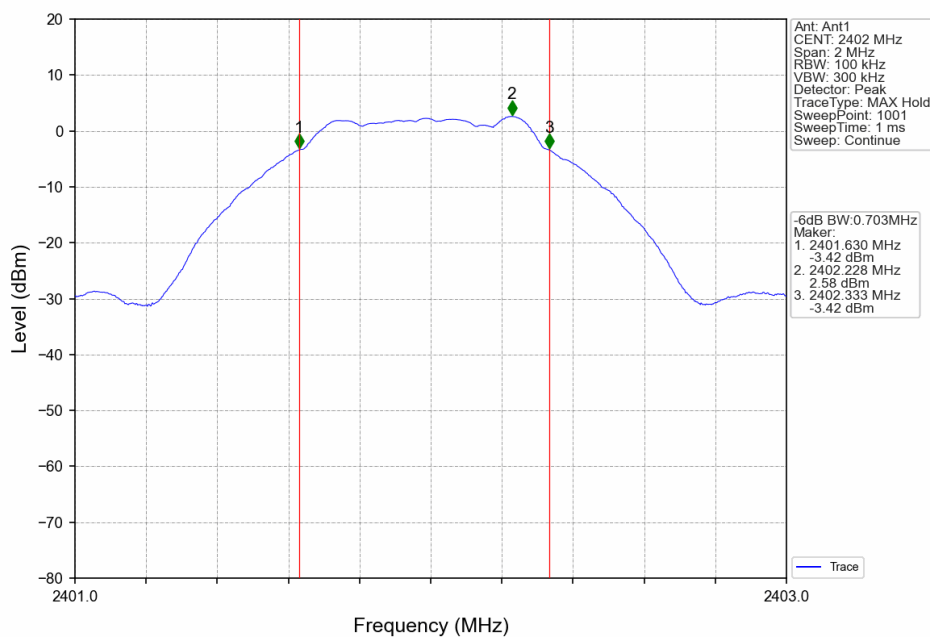


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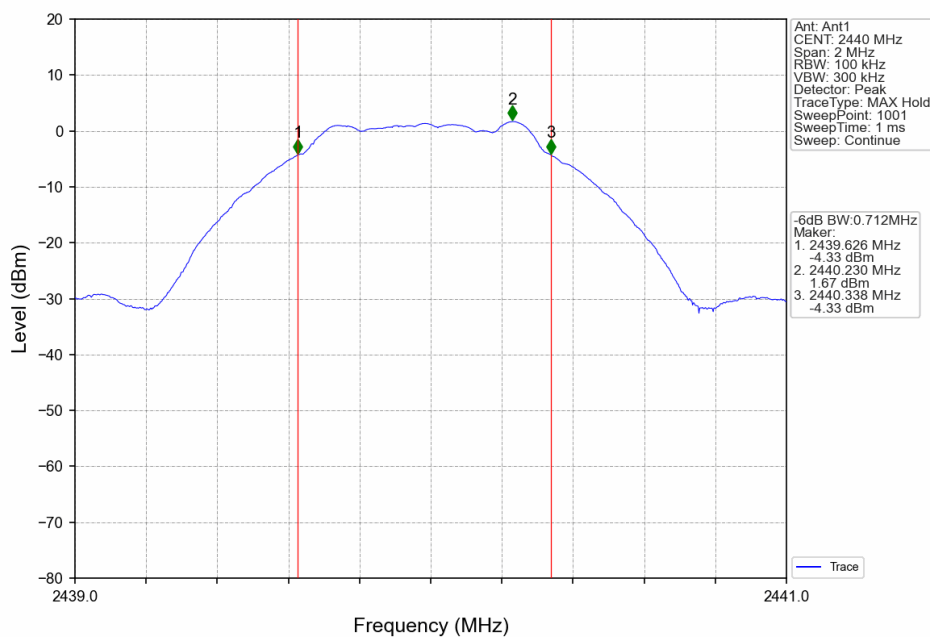
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1M_LCH_2402MHz_Ant1_NTNV

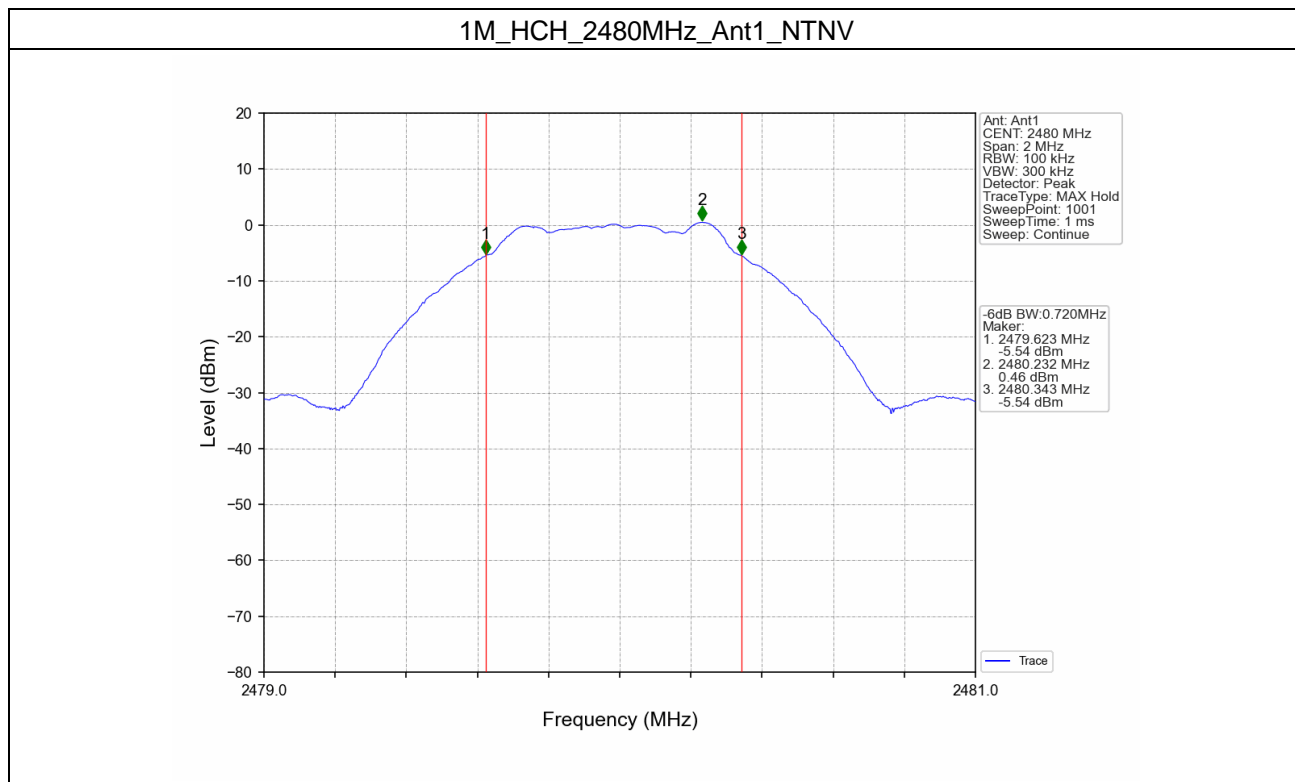


1M_MCH_2440MHz_Ant1_NTNV



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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	Limit	
802.11b	SISO	2412	16.59	<=30	Pass
		2437	16.37	<=30	Pass
		2462	16.42	<=30	Pass
802.11g	SISO	2412	15.66	<=30	Pass
		2437	16.88	<=30	Pass
		2462	15.44	<=30	Pass
802.11n (HT20)	SISO	2412	15.58	<=30	Pass
		2437	15.71	<=30	Pass
		2462	15.31	<=30	Pass
802.11n (HT40)	SISO	2422	13.07	<=30	Pass
		2437	14.28	<=30	Pass
		2452	12.82	<=30	Pass
1M	SISO	2402	3.44	<=30	Pass
		2440	2.55	<=30	Pass
		2480	1.35	<=30	Pass

Note1: Antenna Gain: Ant1: 3.70dBi;



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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	-13.51	<=8	Pass
		2437	-13.66	<=8	Pass
		2462	-14.38	<=8	Pass
802.11g	SISO	2412	-22.44	<=8	Pass
		2437	-21.66	<=8	Pass
		2462	-21.69	<=8	Pass
802.11n (HT20)	SISO	2412	-20.67	<=8	Pass
		2437	-19.43	<=8	Pass
		2462	-20.82	<=8	Pass
802.11n (HT40)	SISO	2422	-26.33	<=8	Pass
		2437	-25.57	<=8	Pass
		2452	-26.74	<=8	Pass
1M	SISO	2402	-12.66	<=8	Pass
		2440	-13.85	<=8	Pass
		2480	-15.06	<=8	Pass

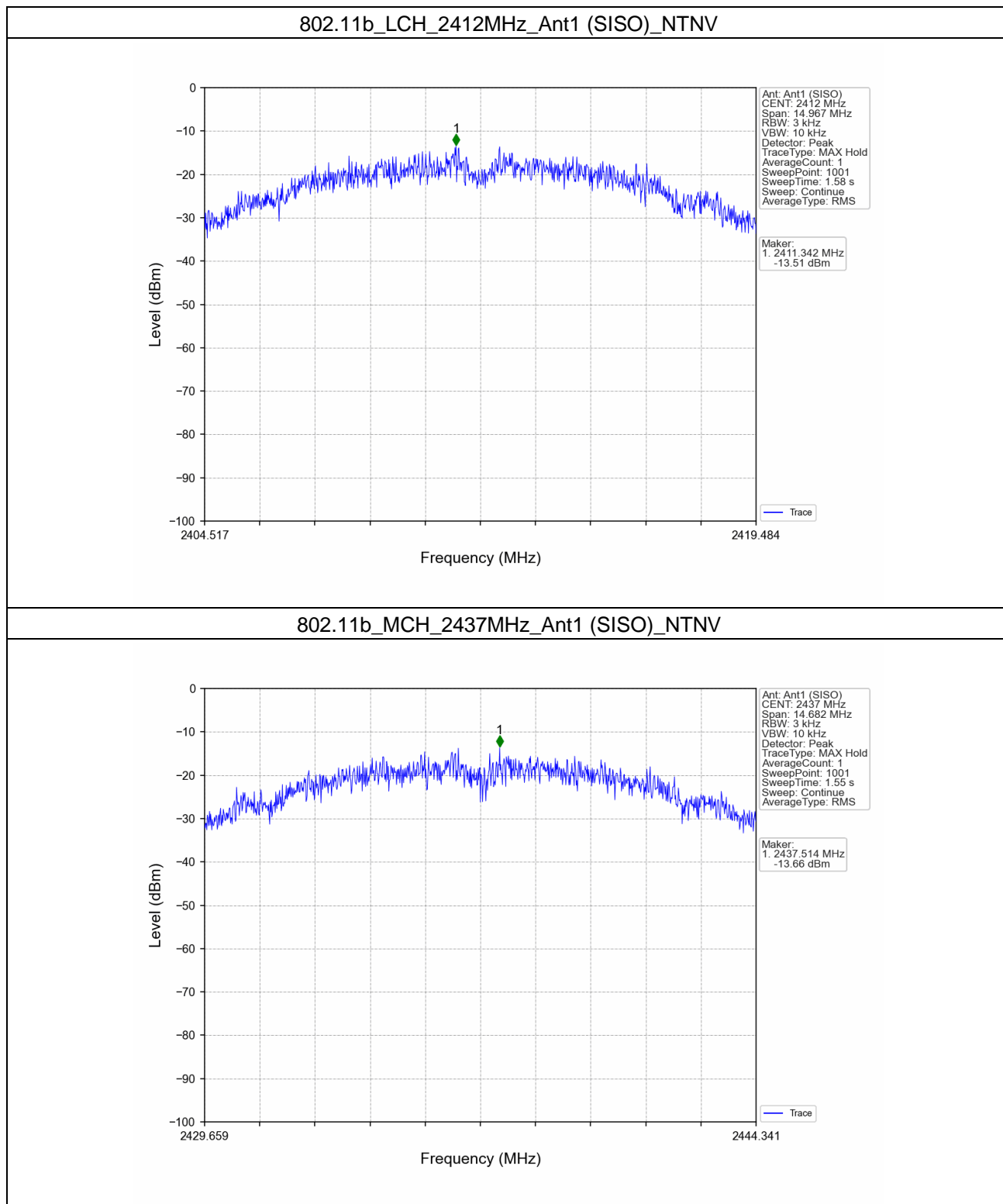
Note1: Antenna Gain: Ant1: 3.70dBi;



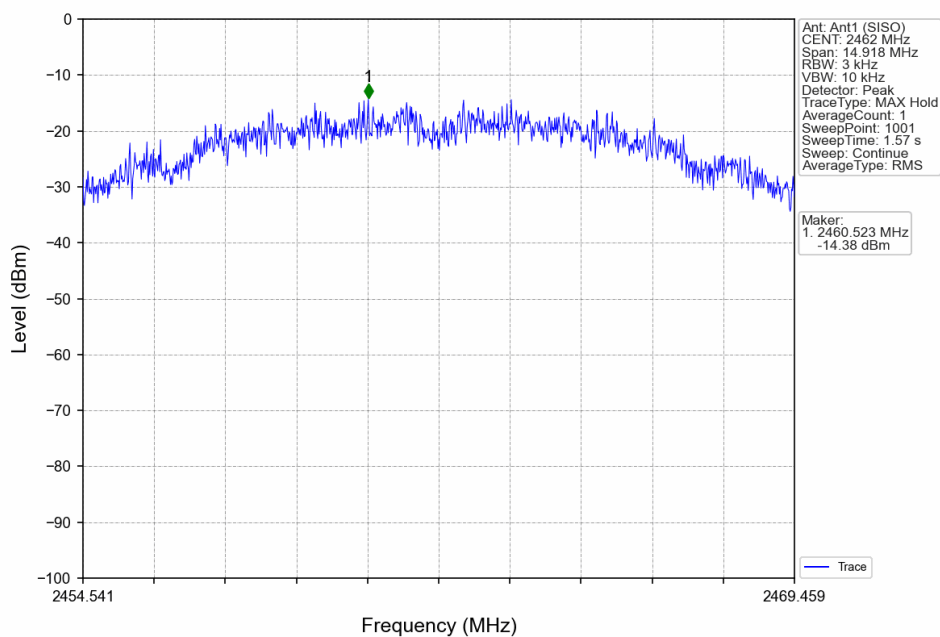
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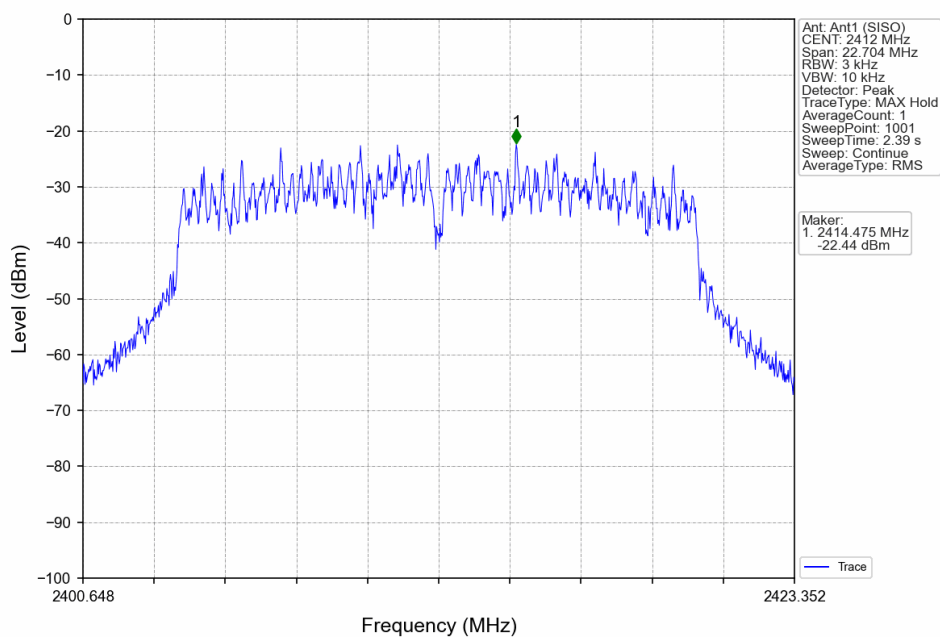
4.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



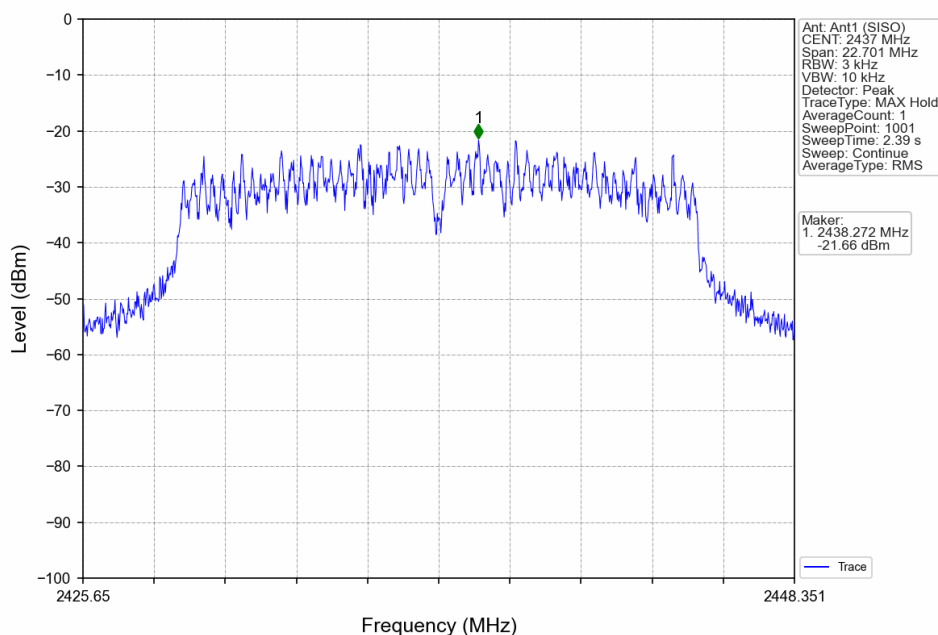
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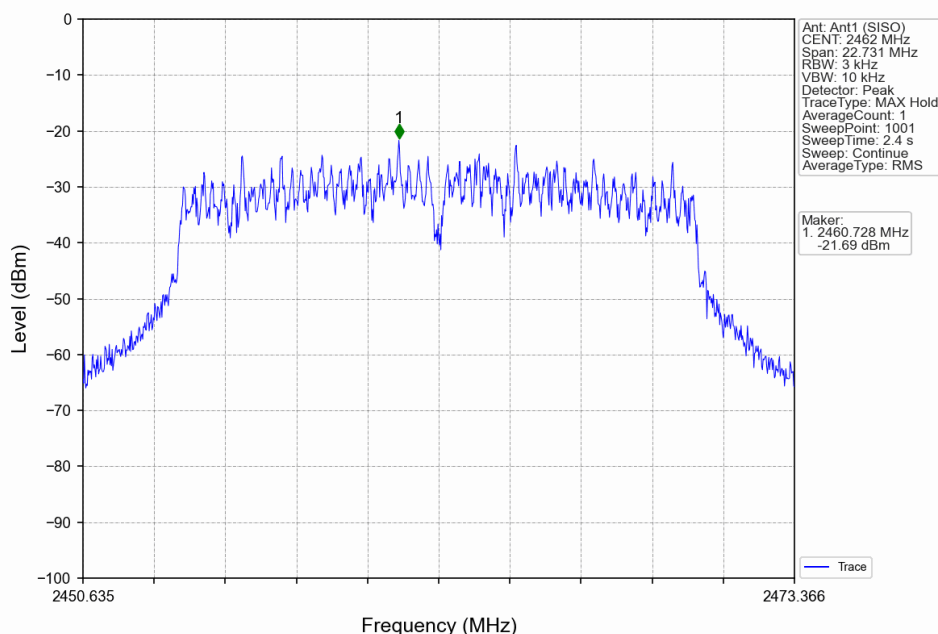
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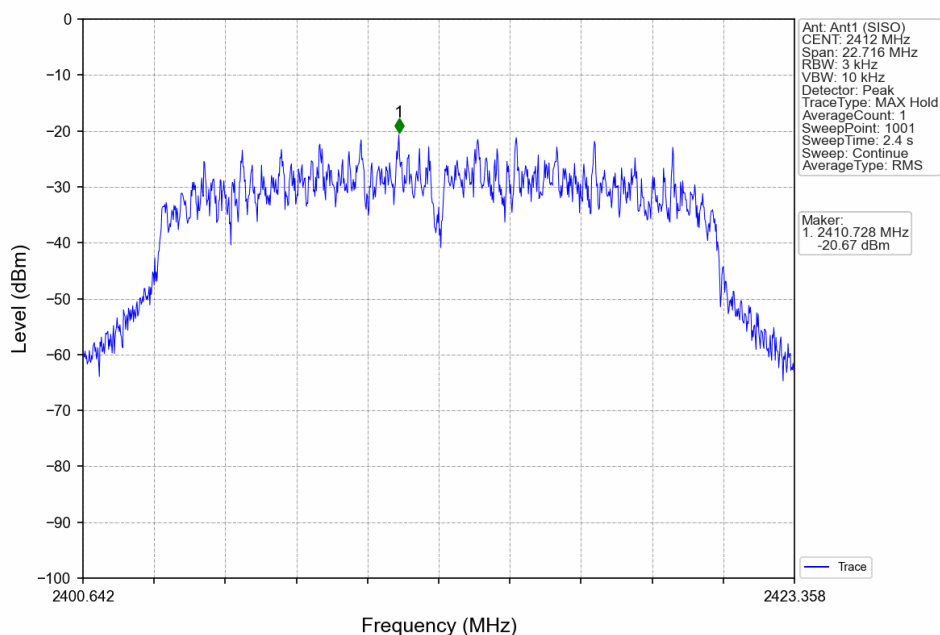
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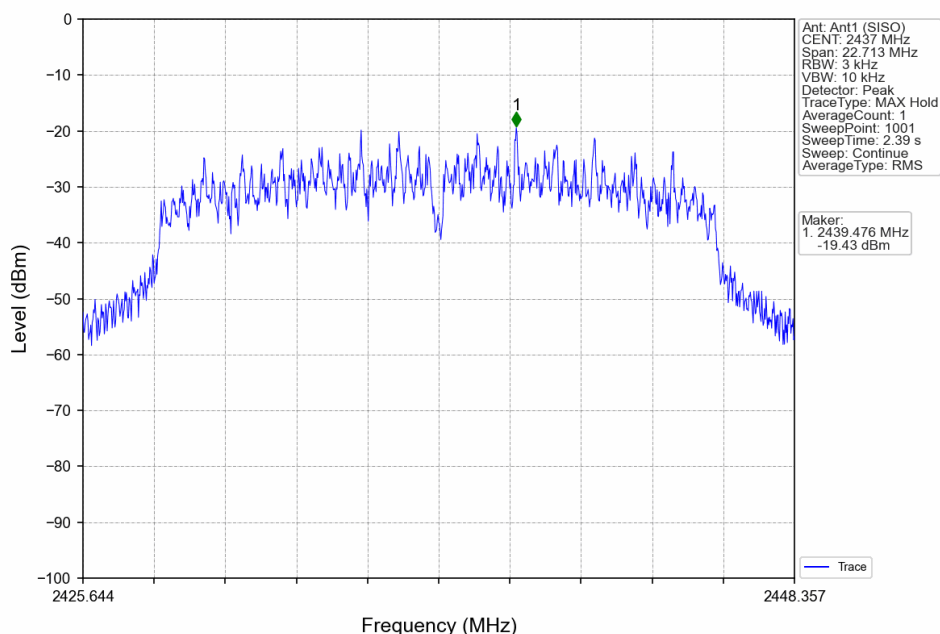
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



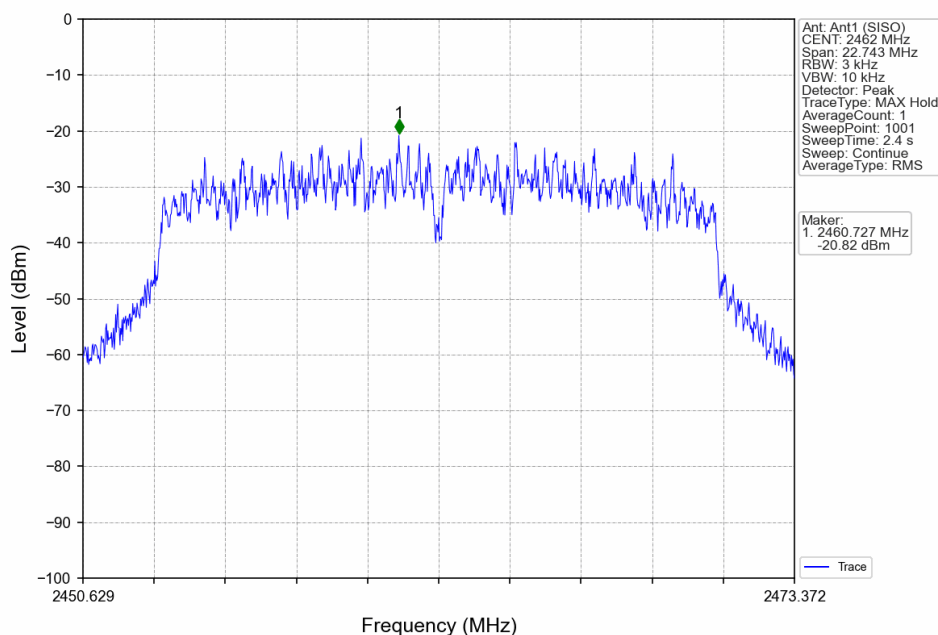
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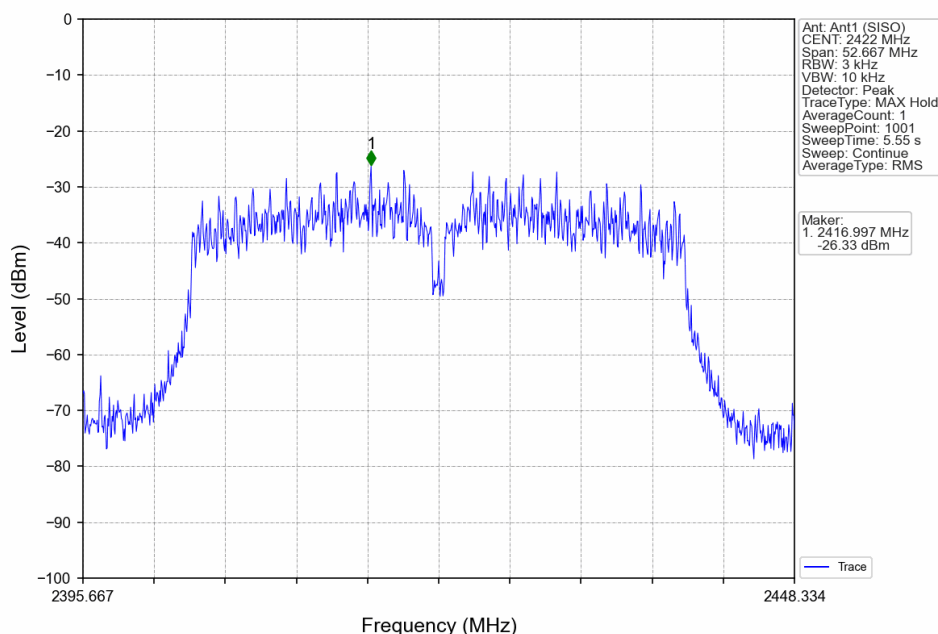
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



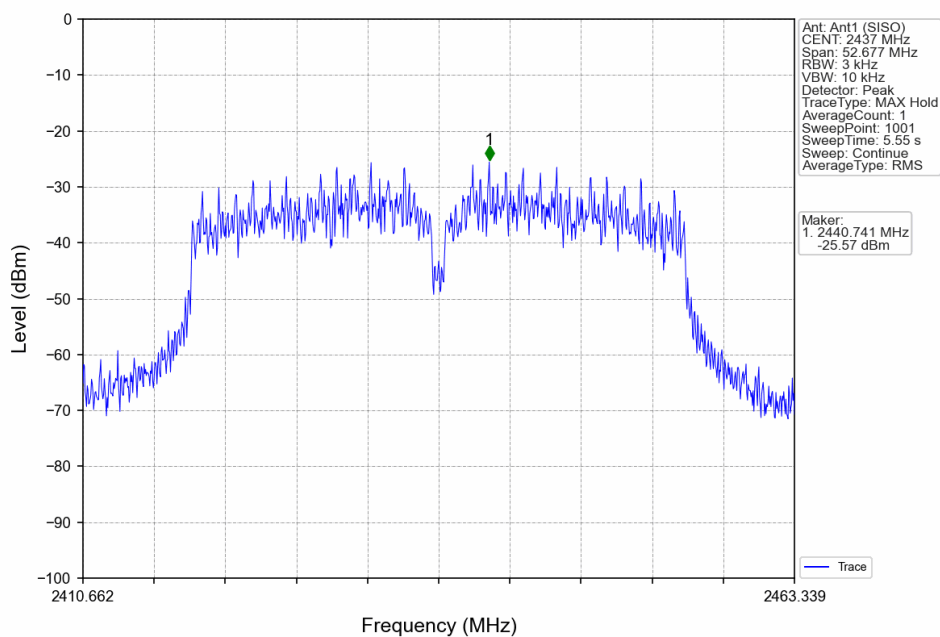
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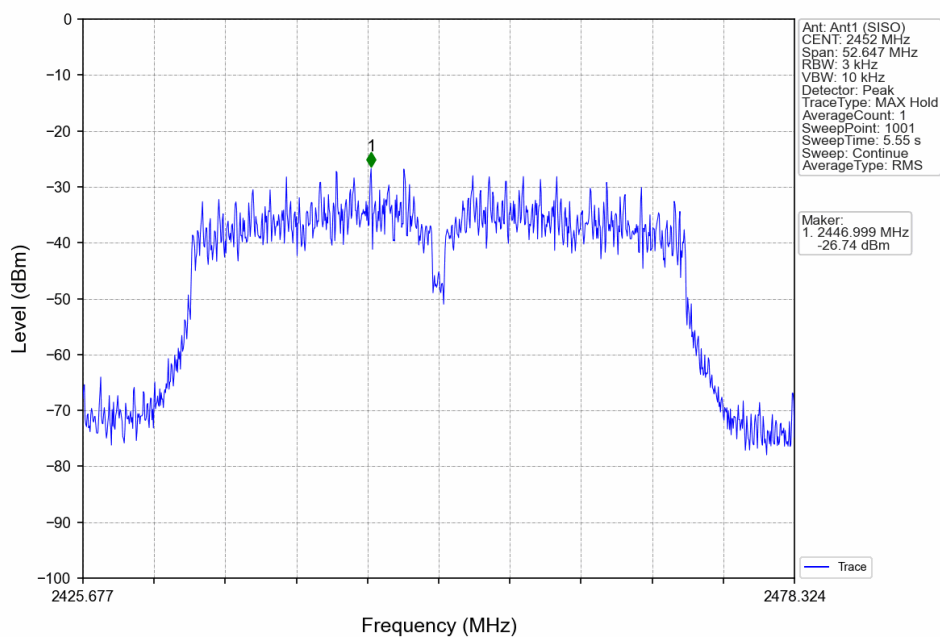
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

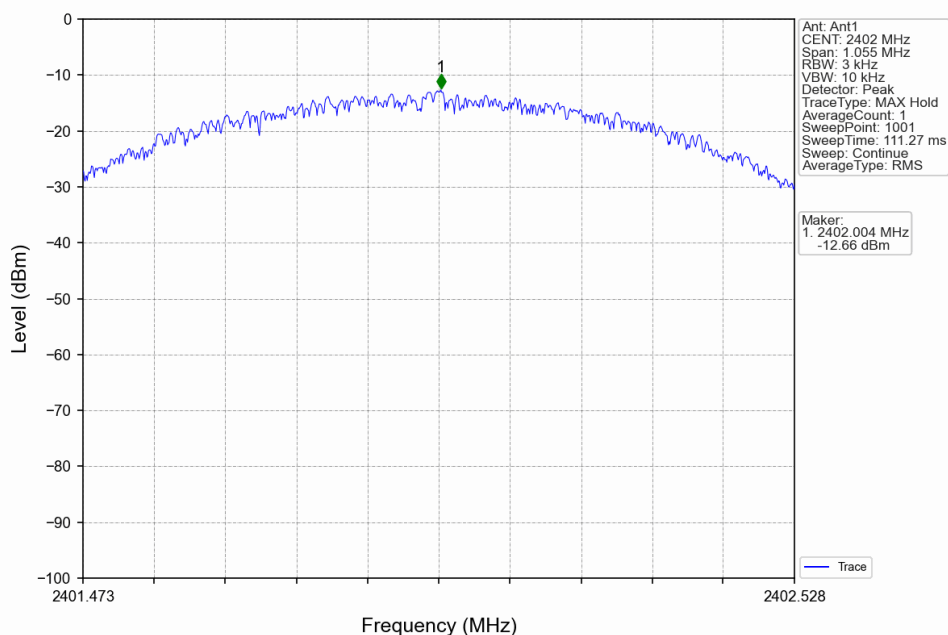


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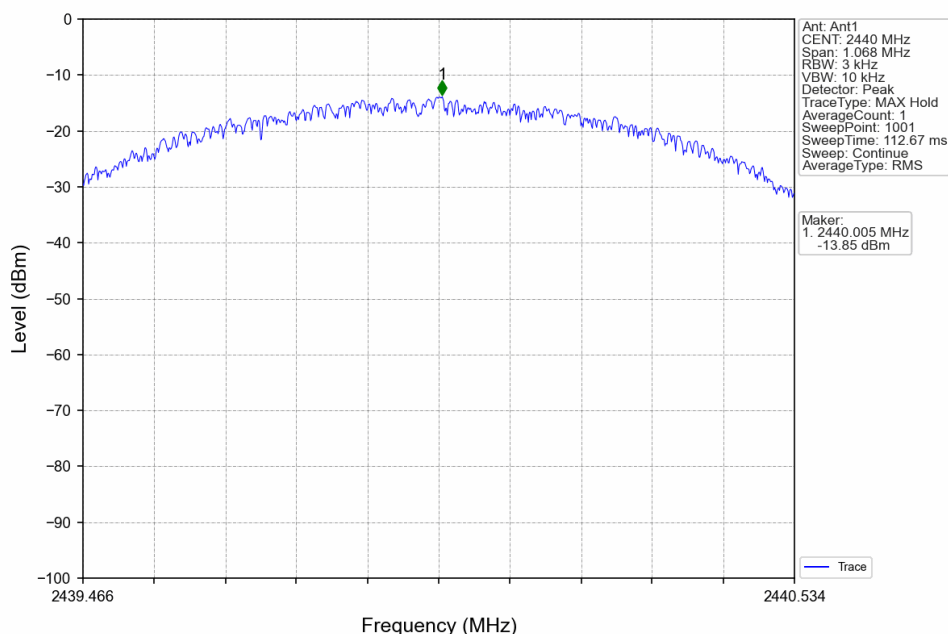
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1M_LCH_2402MHz_Ant1_NTNV

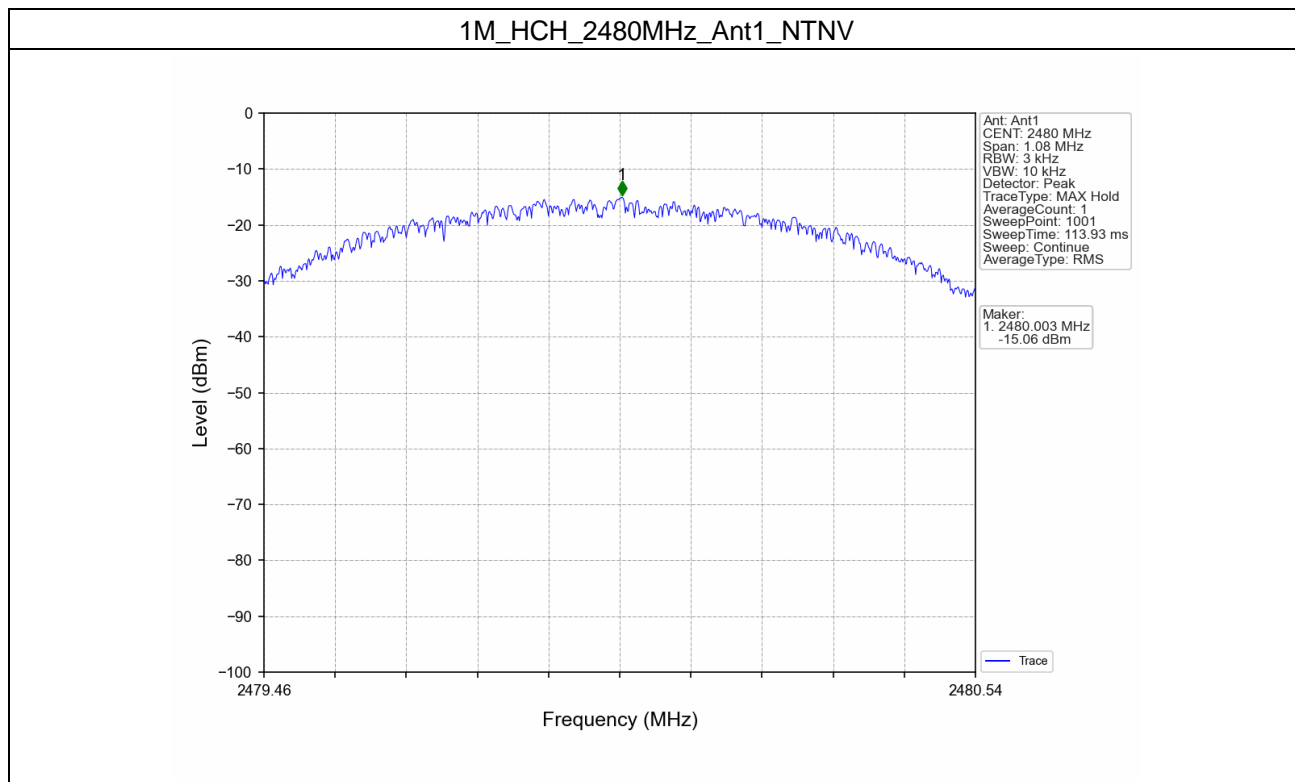


1M_MCH_2440MHz_Ant1_NTNV



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5. Unwanted Emissions In Non-restricted Frequency Bands

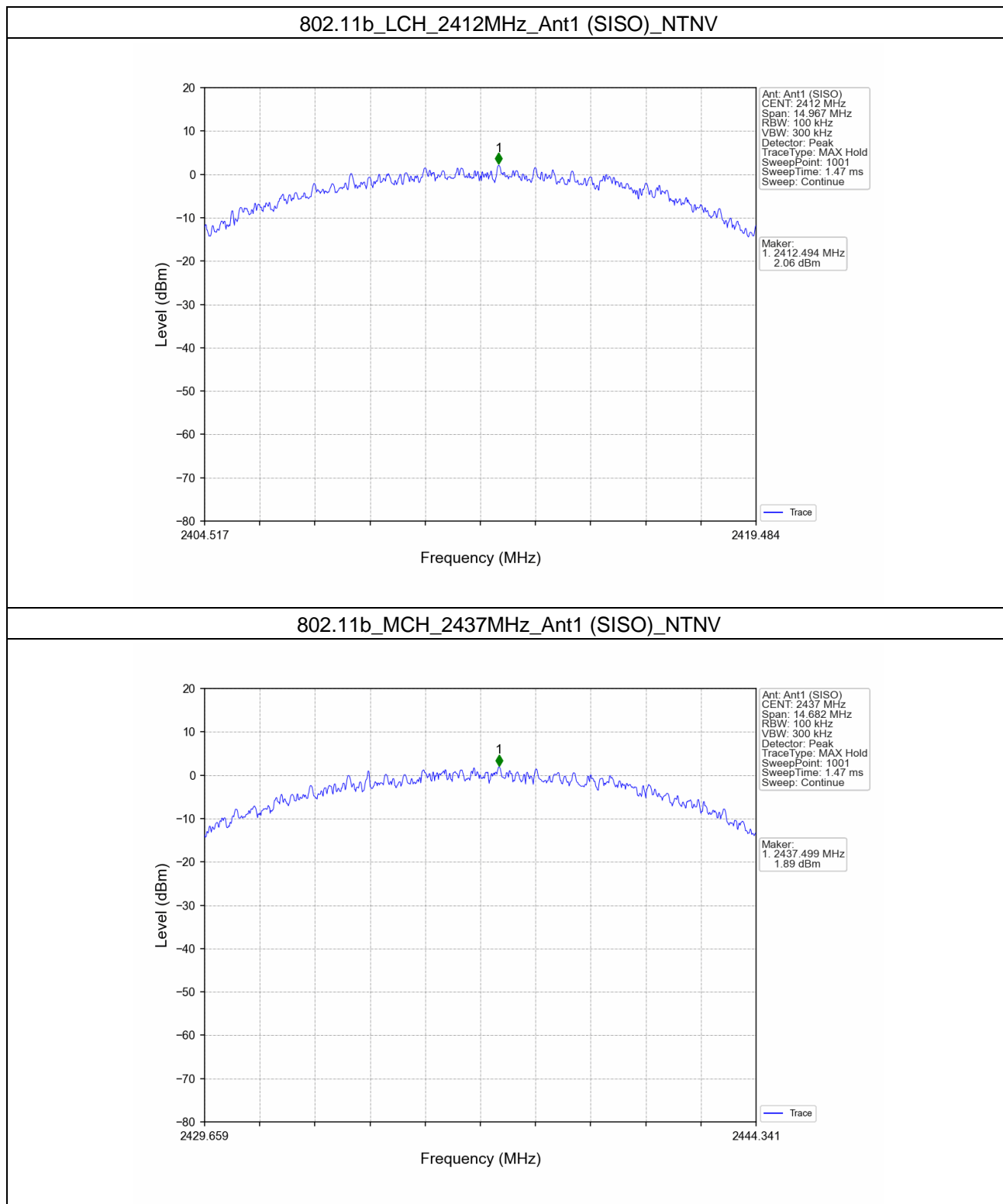
5.1 Ref

5.1.1 Test Result

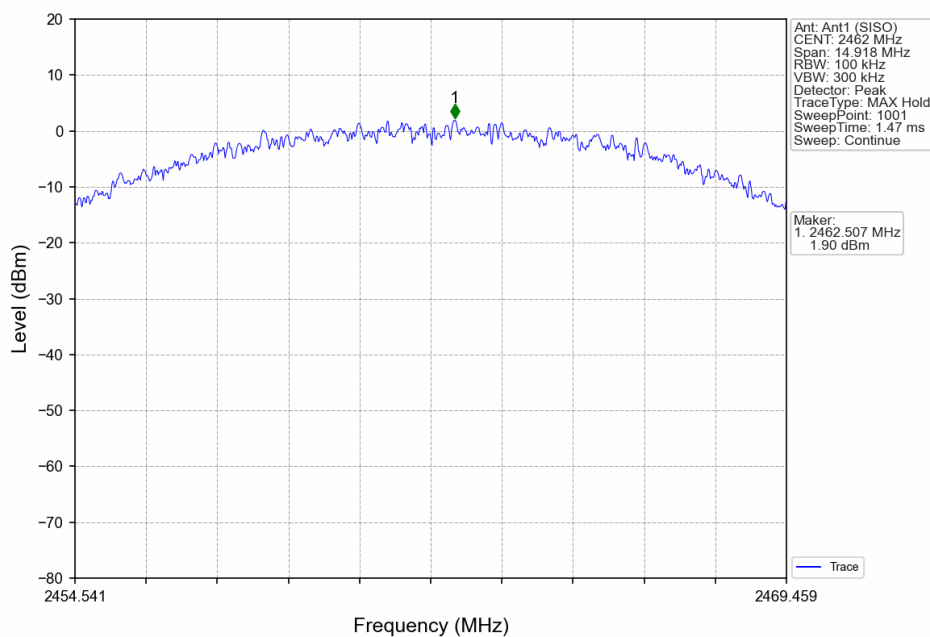
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	2.06
		2437	1	1.89
		2462	1	1.90
802.11g	SISO	2412	1	-1.94
		2437	1	-0.36
		2462	1	-2.15
802.11n (HT20)	SISO	2412	1	-1.63
		2437	1	-1.21
		2462	1	-1.85
802.11n (HT40)	SISO	2422	1	-6.94
		2437	1	-6.00
		2452	1	-7.07
1M	SISO	2402	1	2.56
		2440	1	1.66
		2480	1	0.45

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.

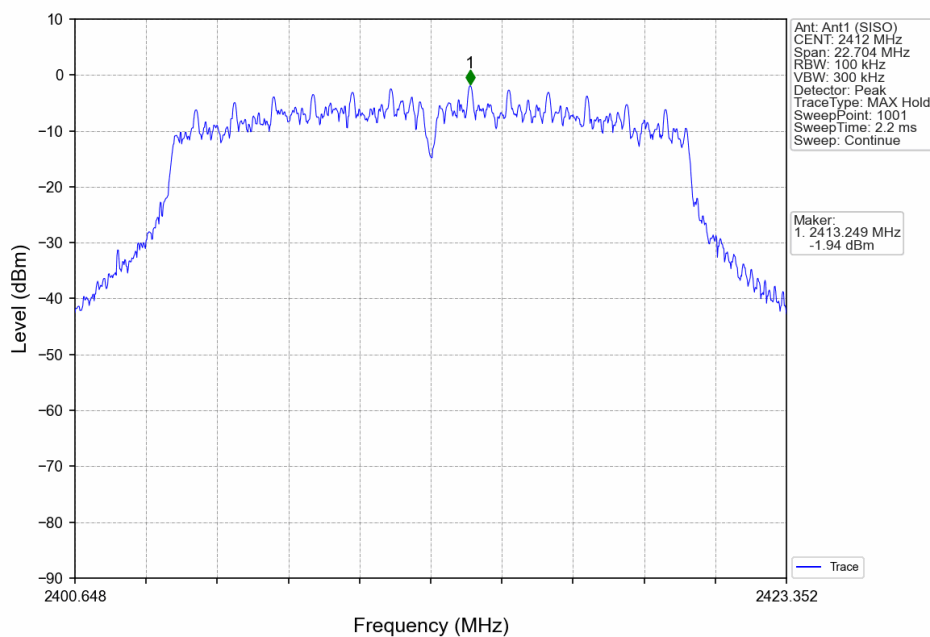
5.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

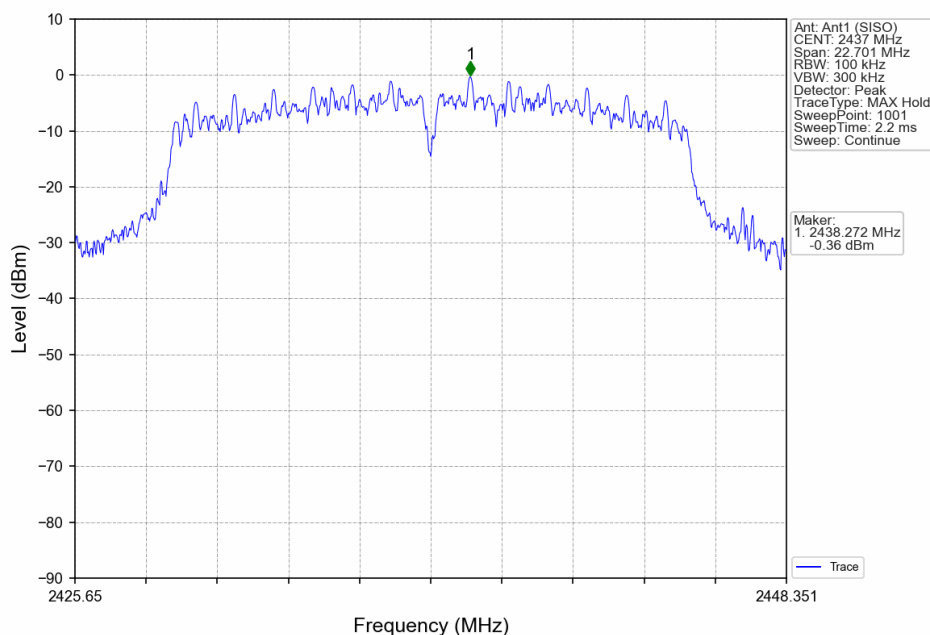


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

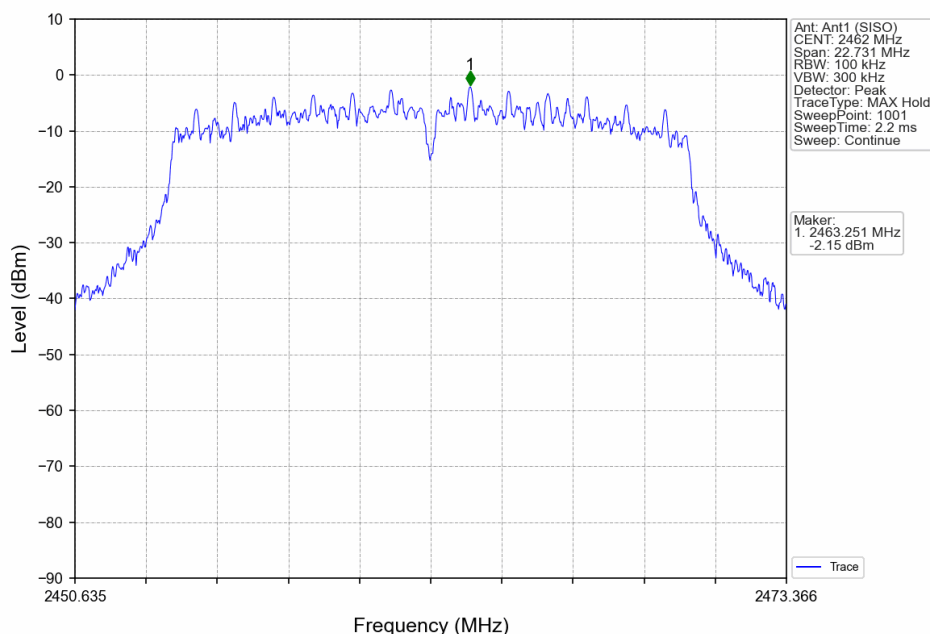


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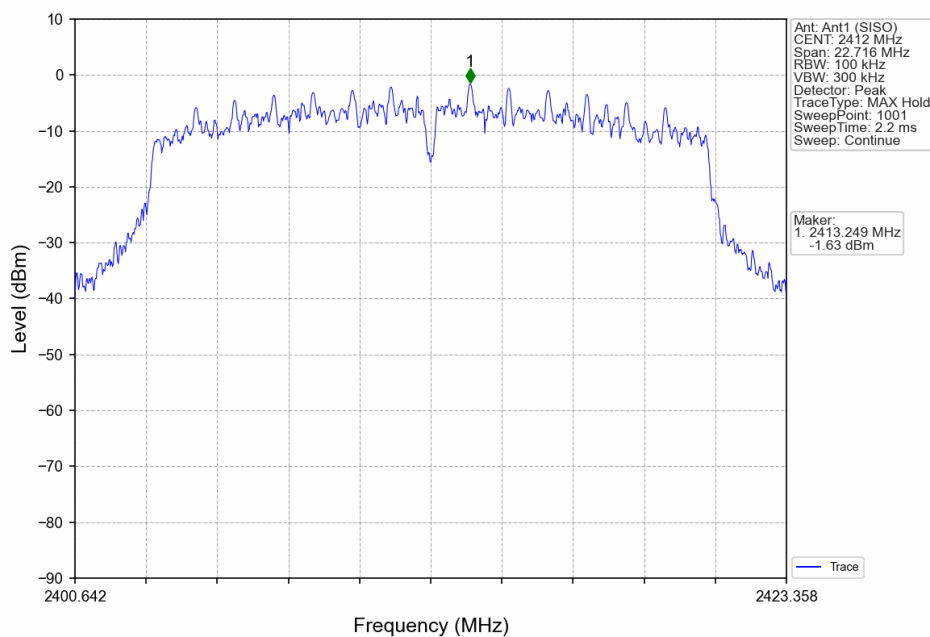
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



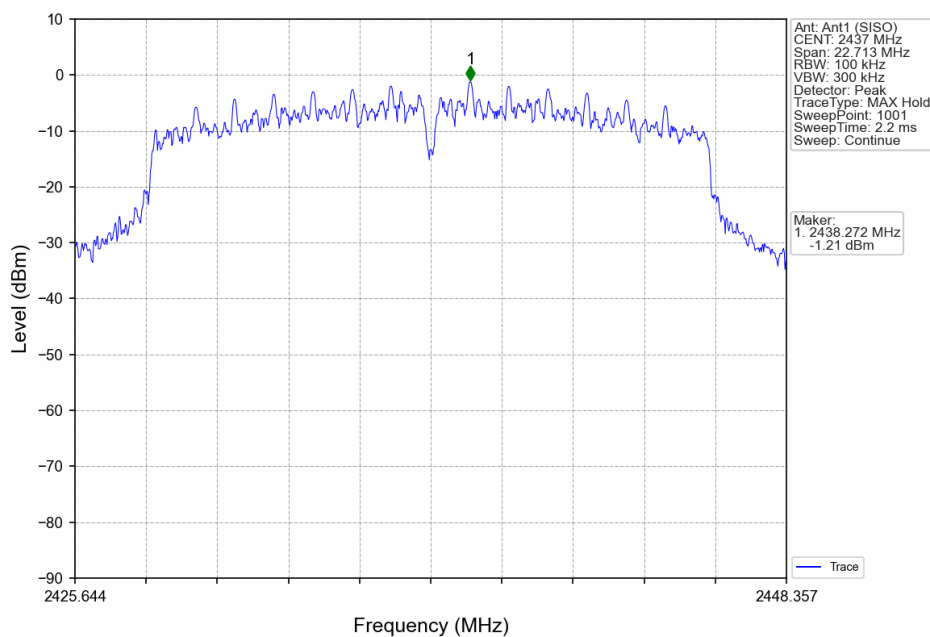
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



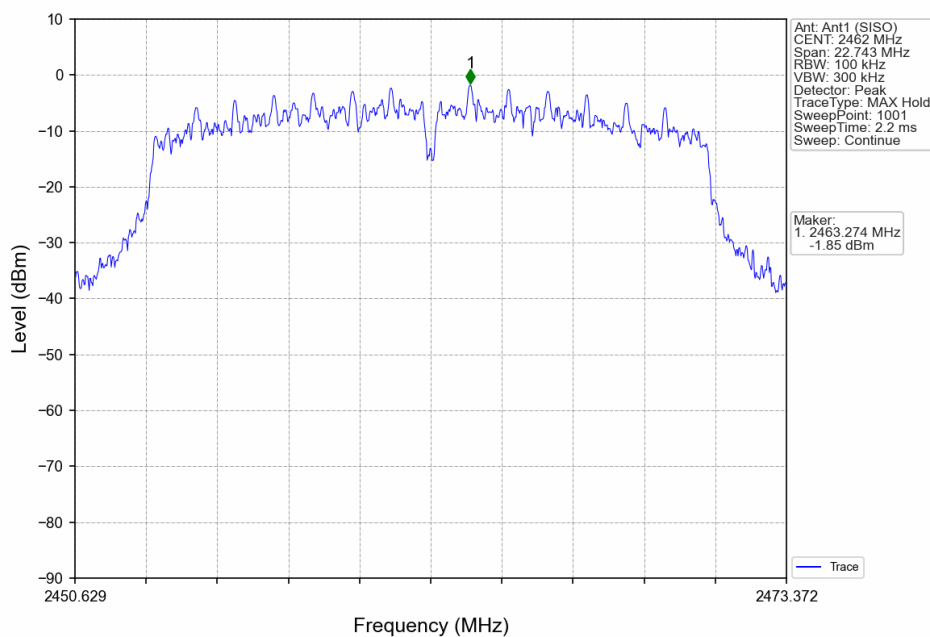
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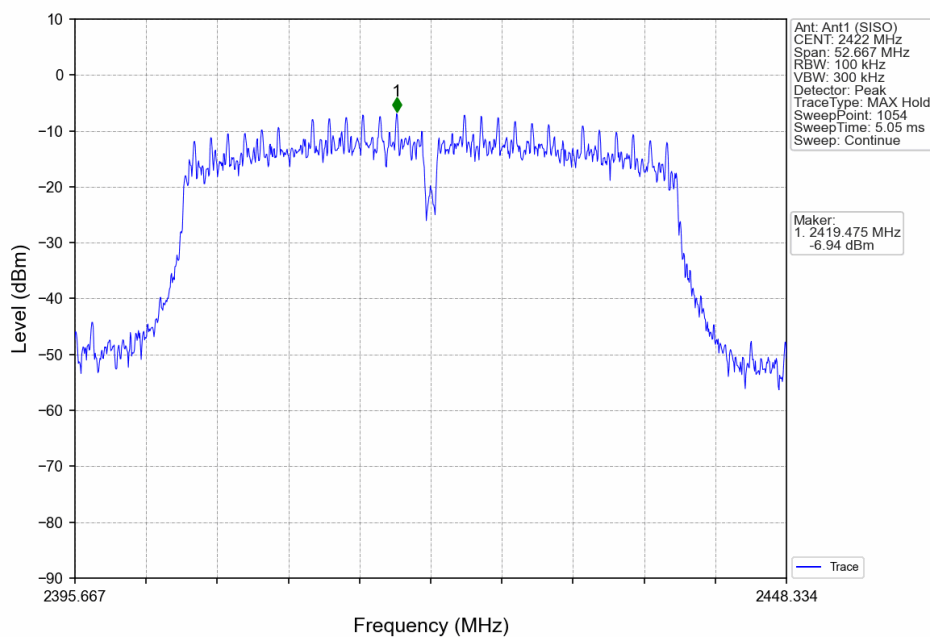
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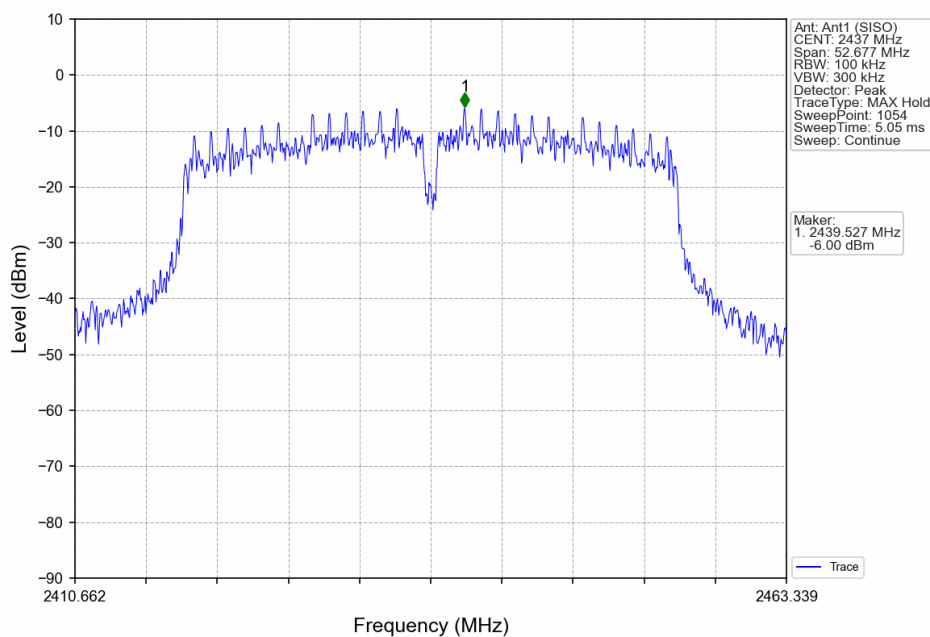
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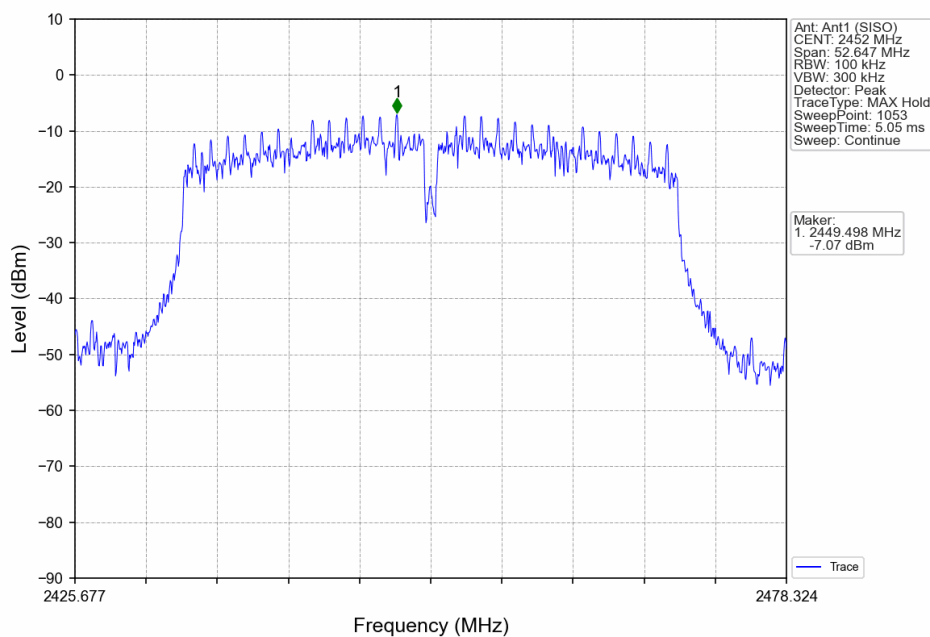
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



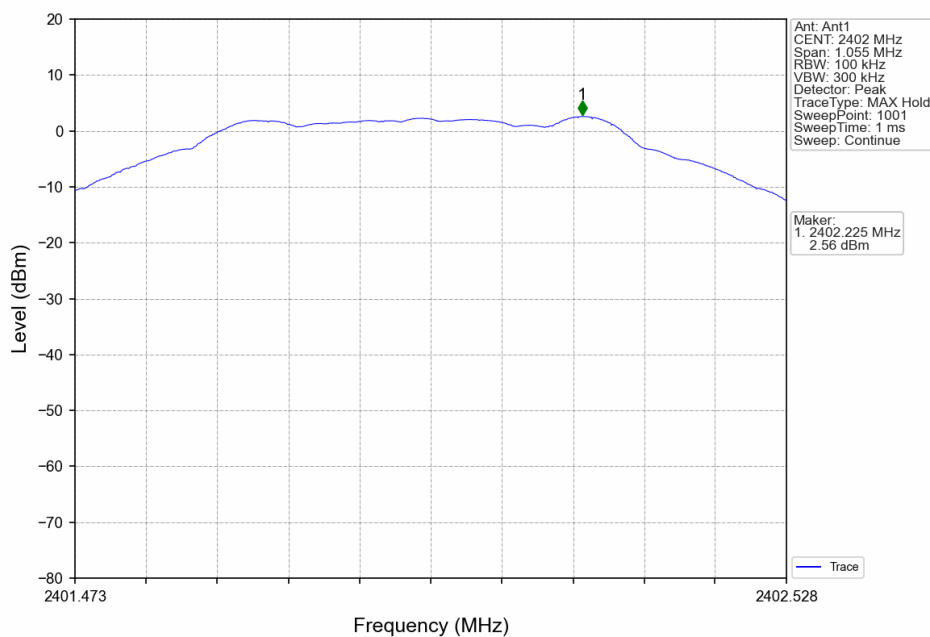
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



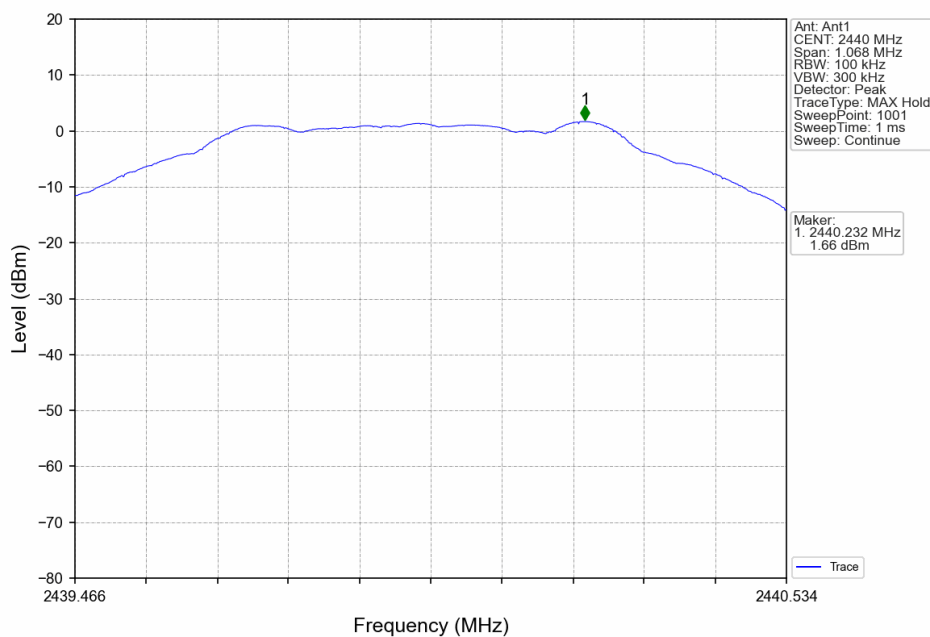
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

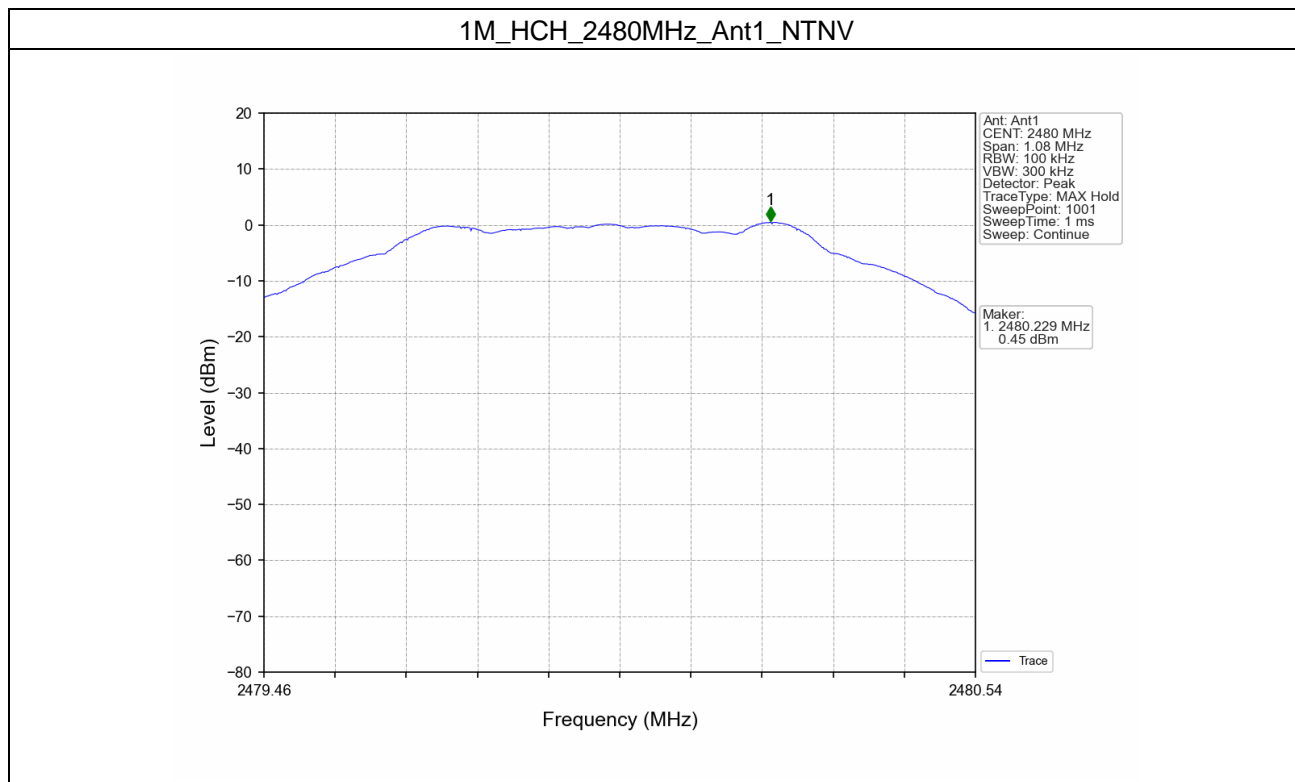


1M_LCH_2402MHz_Ant1_NTNV



1M_MCH_2440MHz_Ant1_NTNV





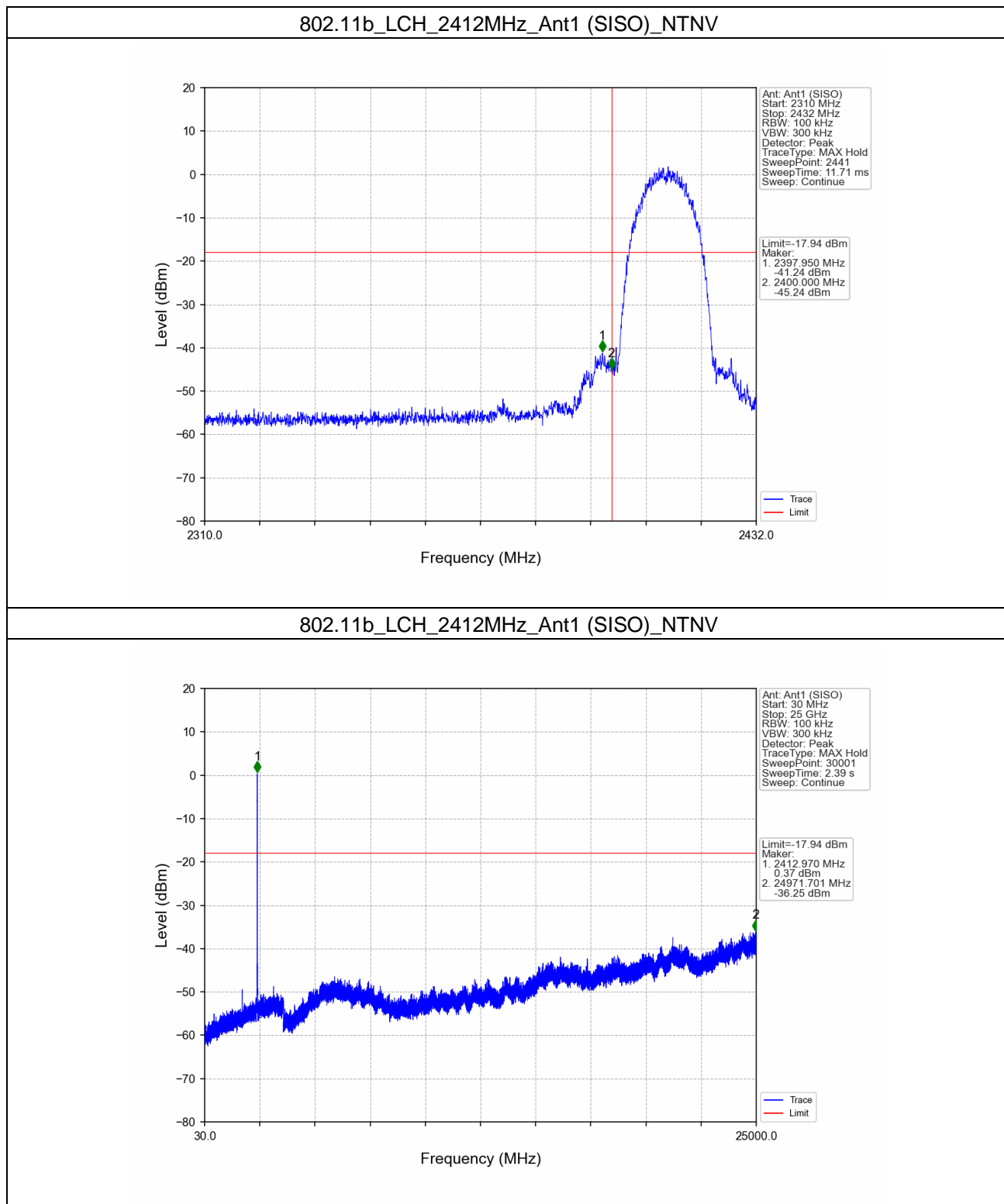
5.2 CSE and Band-Edge

5.2.1 Test Result

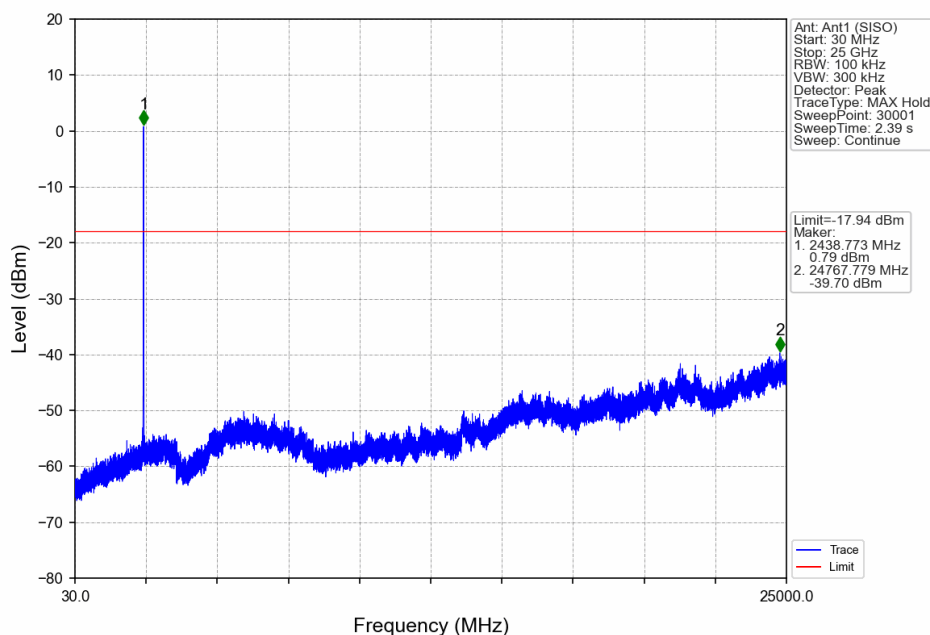
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	2.06	-17.94	Pass
		2437	1	2.06	-17.94	Pass
		2462	1	2.06	-17.94	Pass
802.11g	SISO	2412	1	-0.36	-20.36	Pass
		2437	1	-0.36	-20.36	Pass
		2462	1	-0.36	-20.36	Pass
802.11n (HT20)	SISO	2412	1	-1.21	-21.21	Pass
		2437	1	-1.21	-21.21	Pass
		2462	1	-1.21	-21.21	Pass
802.11n (HT40)	SISO	2422	1	-6.00	-26.00	Pass
		2437	1	-6.00	-26.00	Pass
		2452	1	-6.00	-26.00	Pass
1M	SISO	2402	1	2.56	-17.44	Pass
		2440	1	2.56	-17.44	Pass
		2480	1	2.56	-17.44	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.

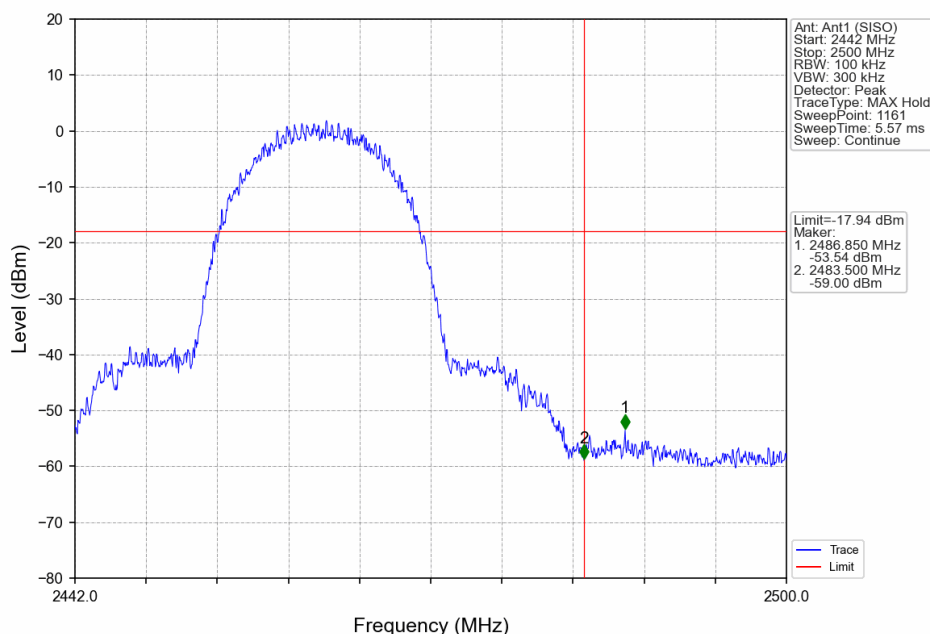
5.2.2 Test Graph



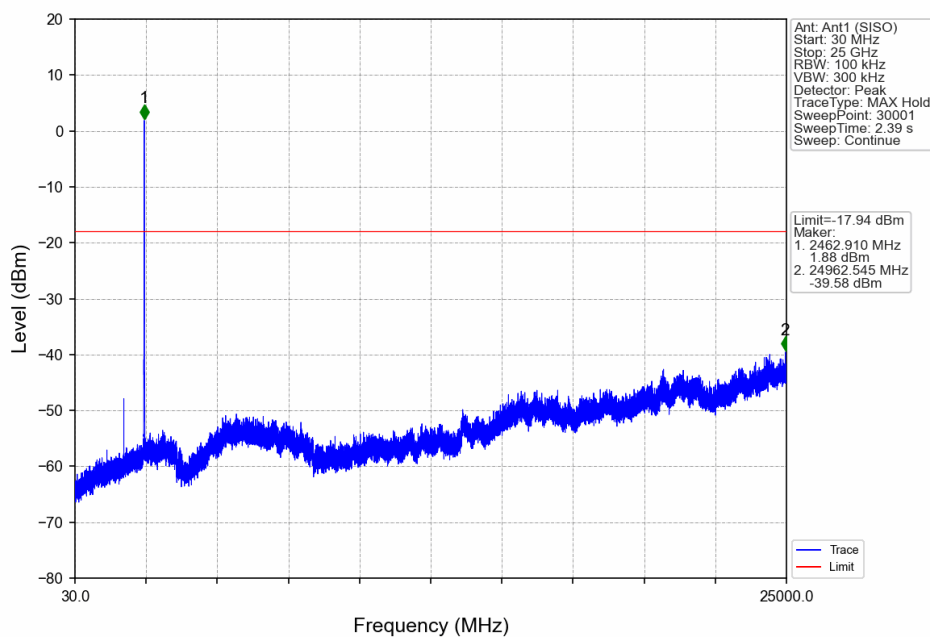
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



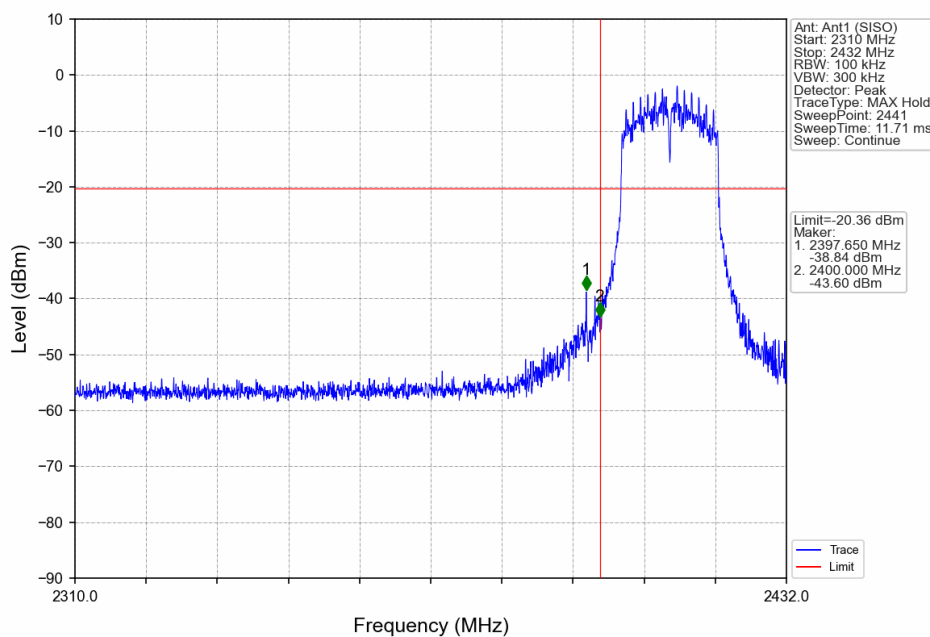
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



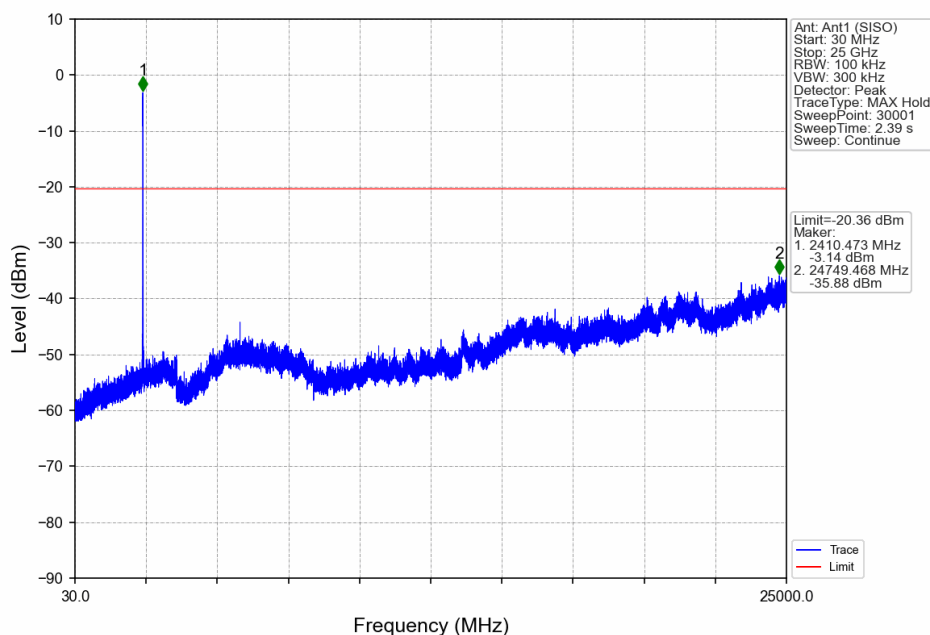
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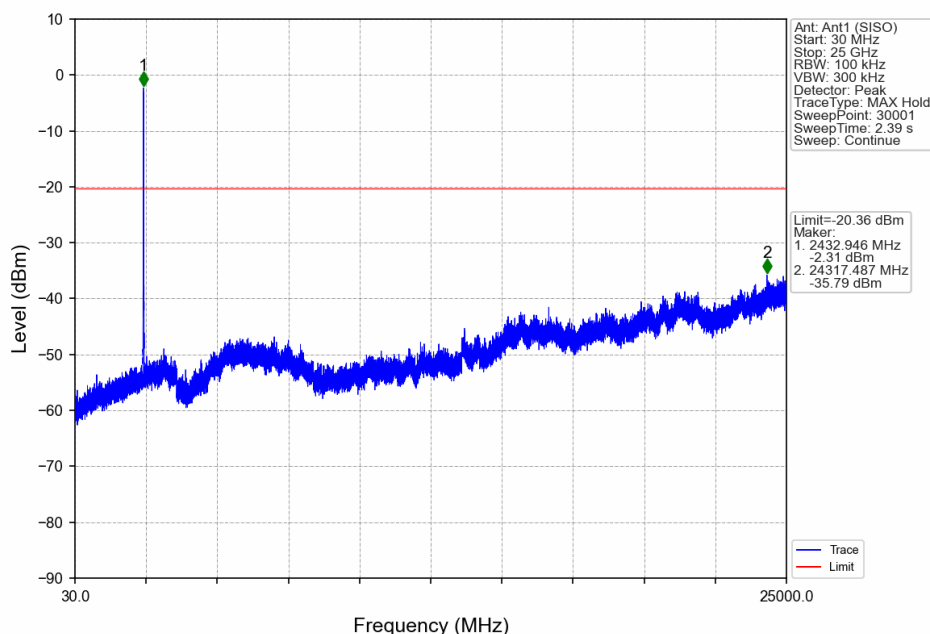
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



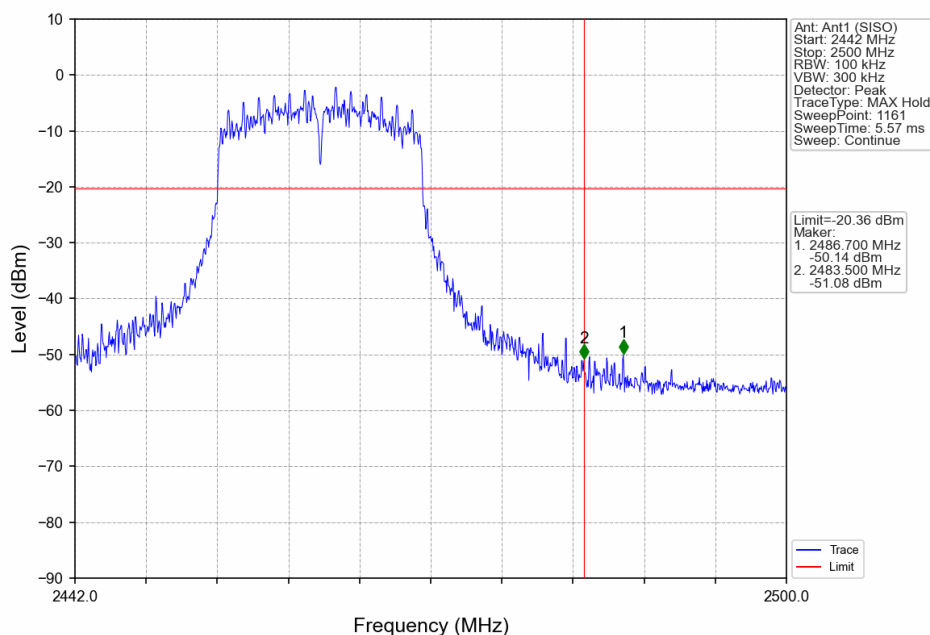
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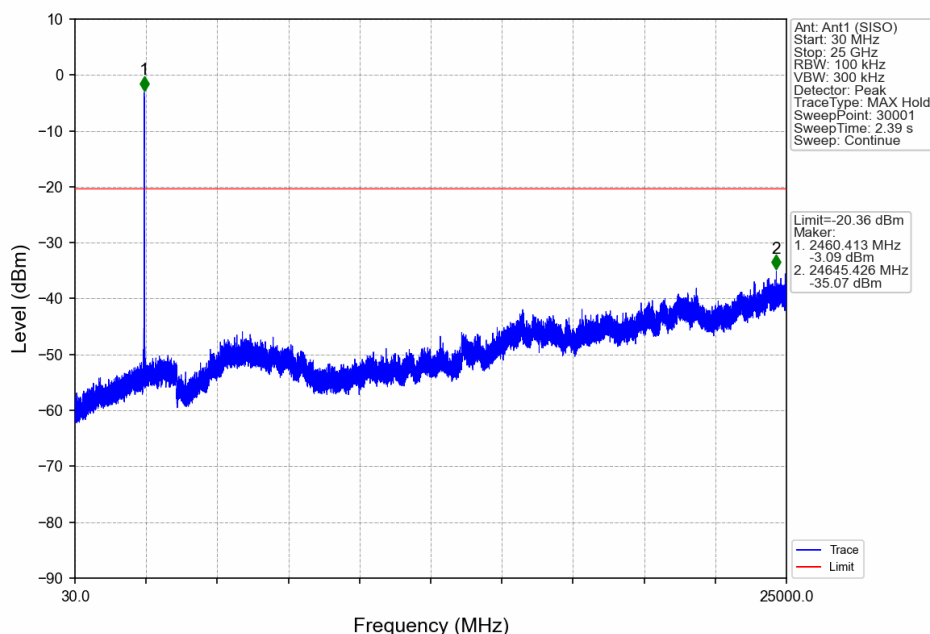
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802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



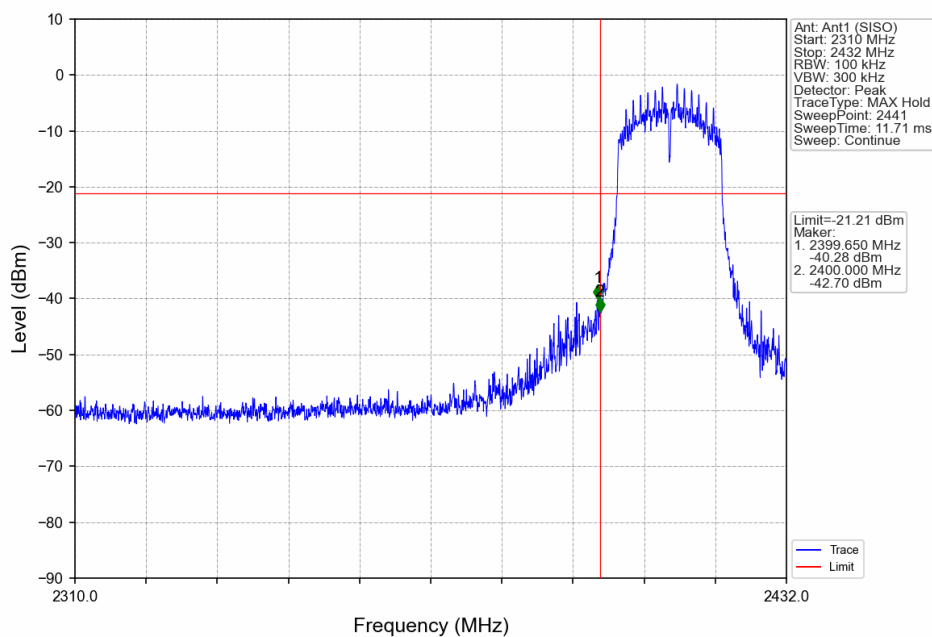
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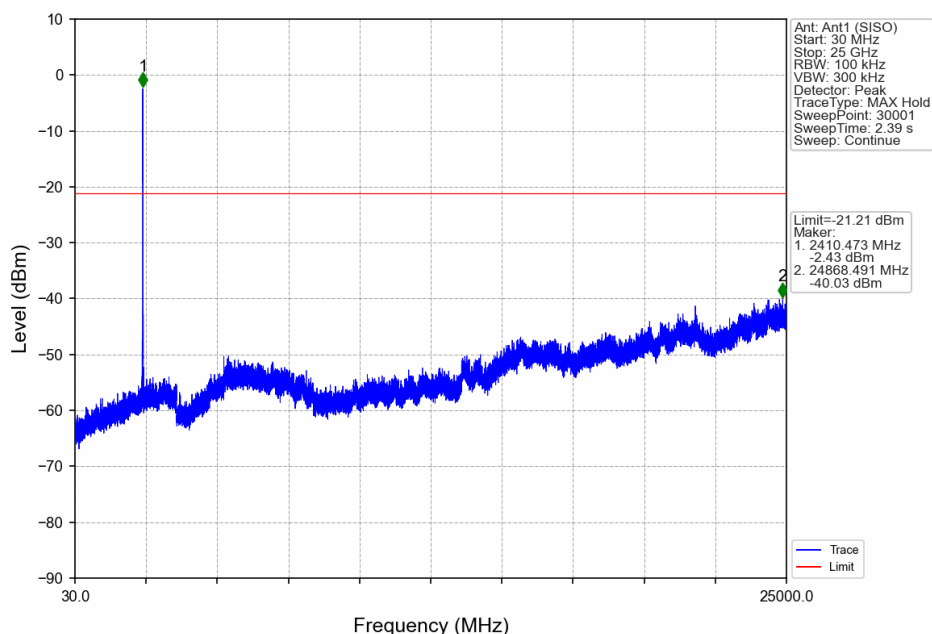
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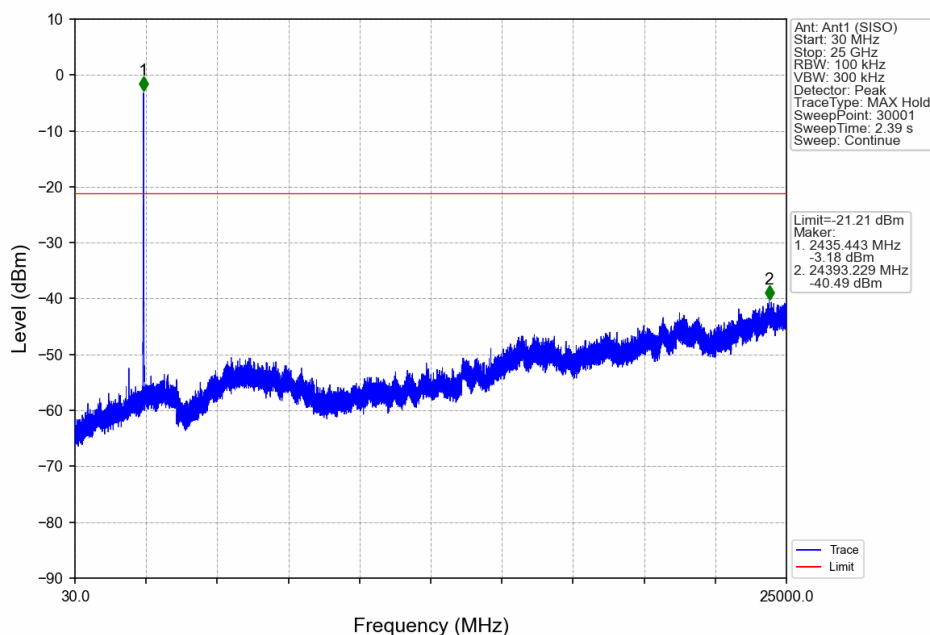
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



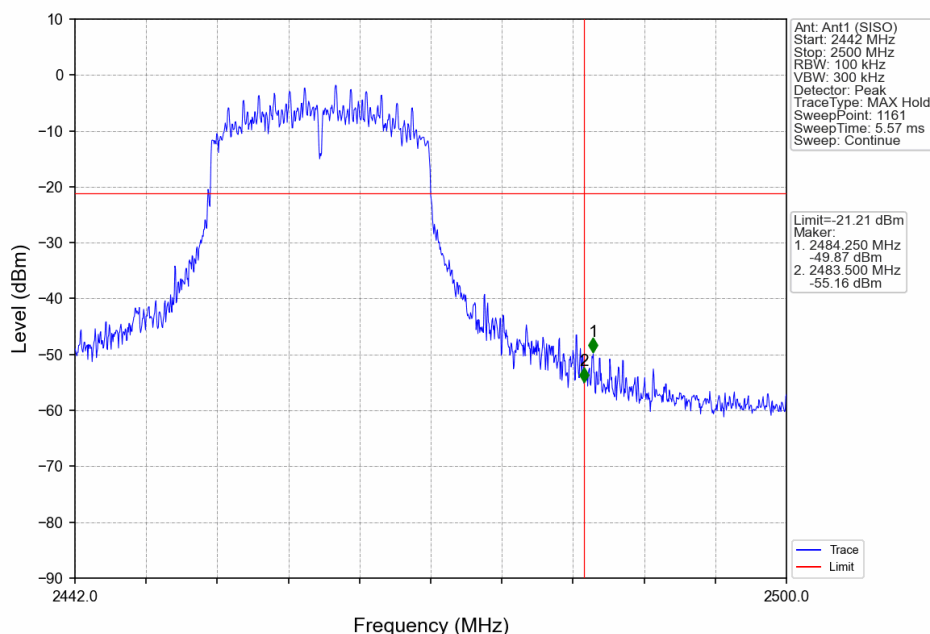
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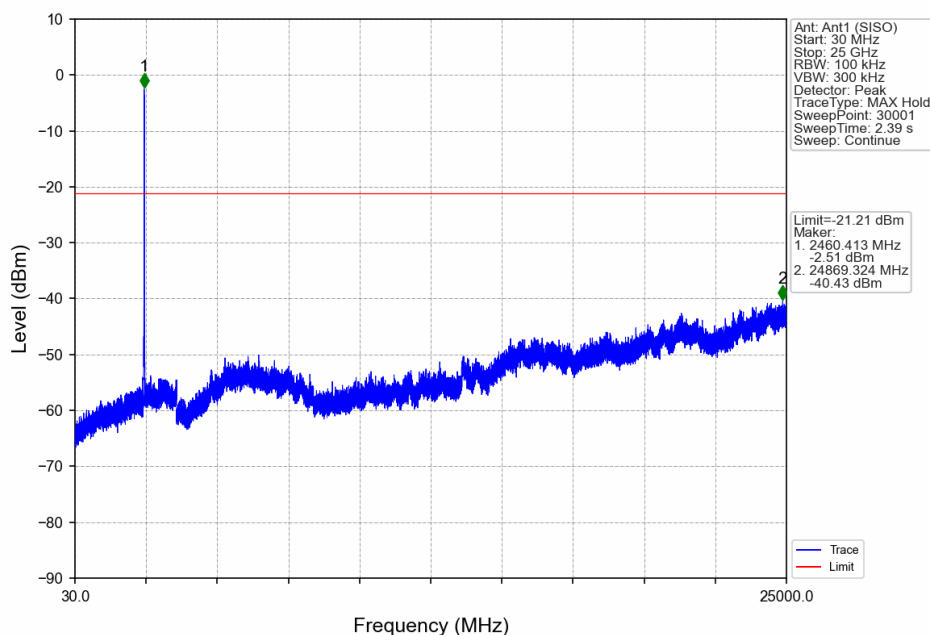
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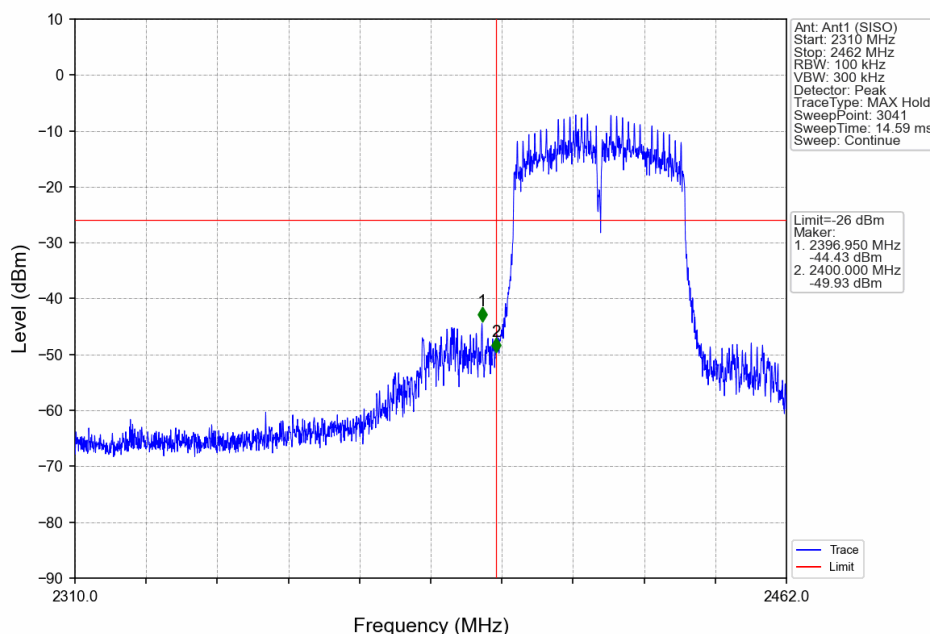
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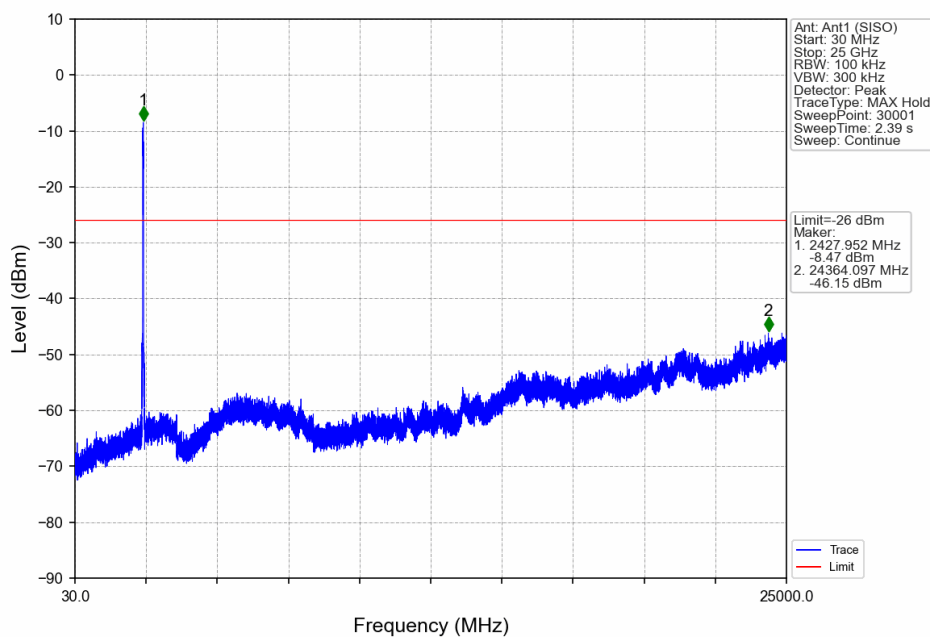
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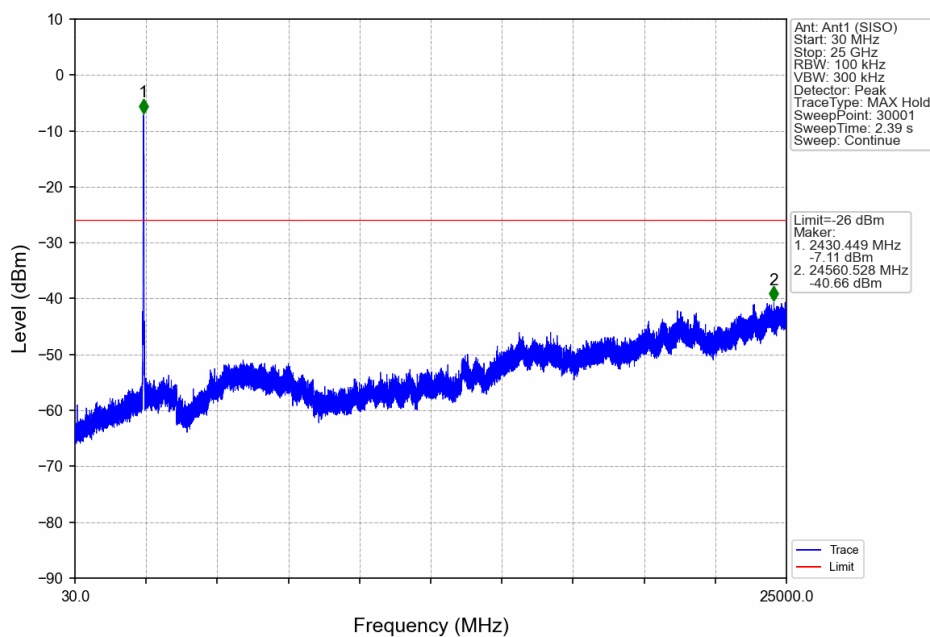
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



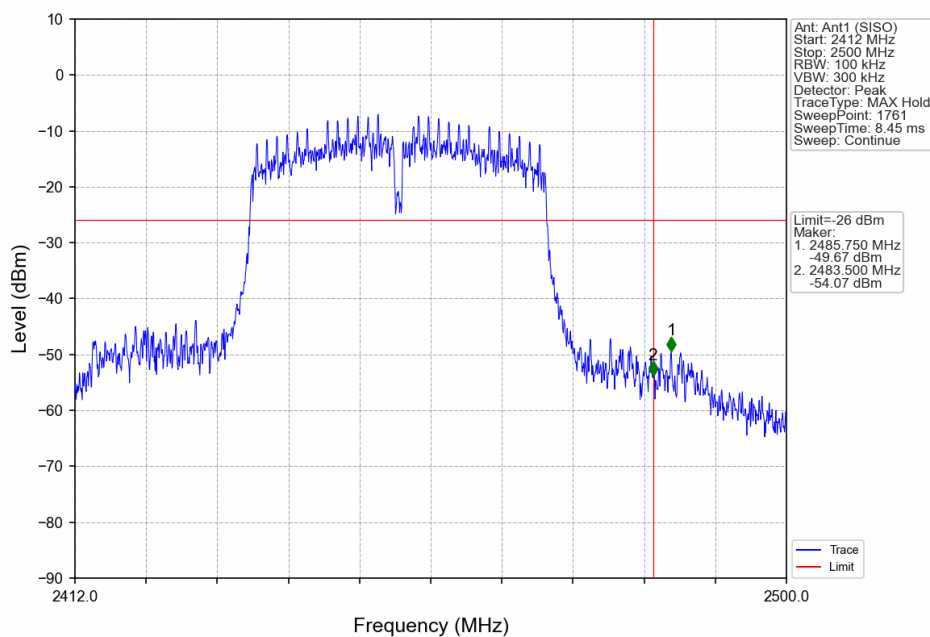
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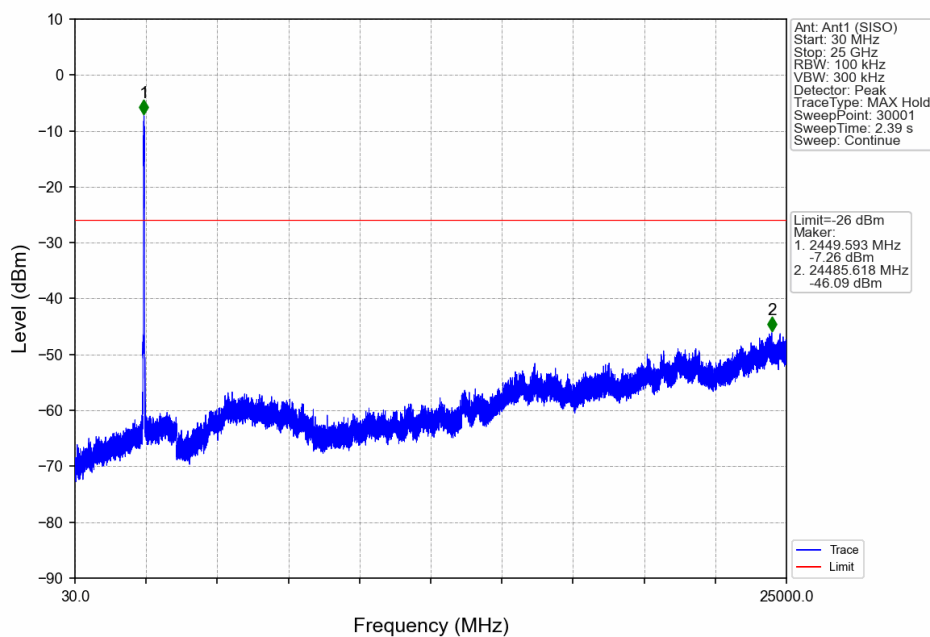
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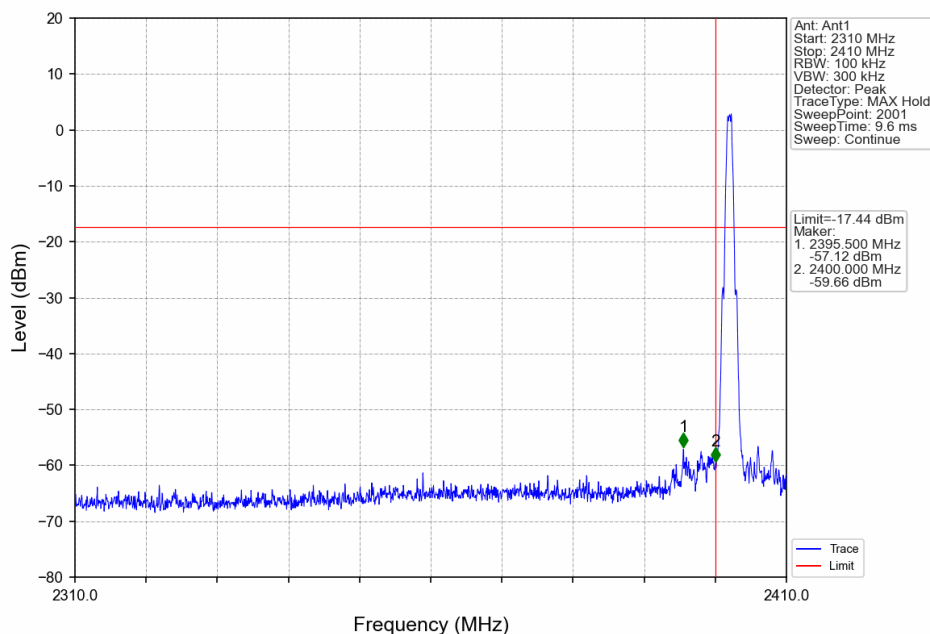
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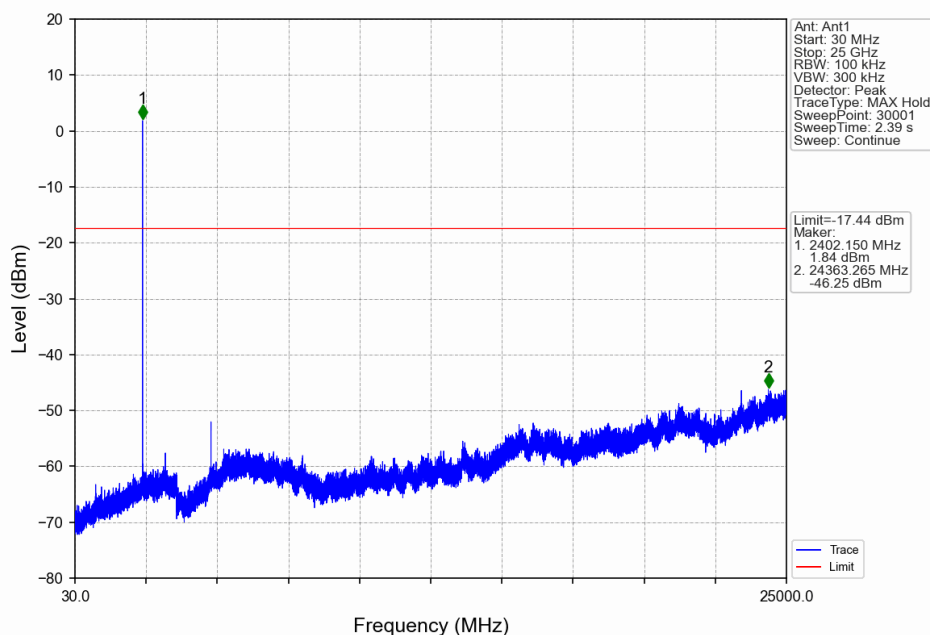
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



1M_LCH_2402MHz_Ant1_NTNV



1M_LCH_2402MHz_Ant1_NTNV



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