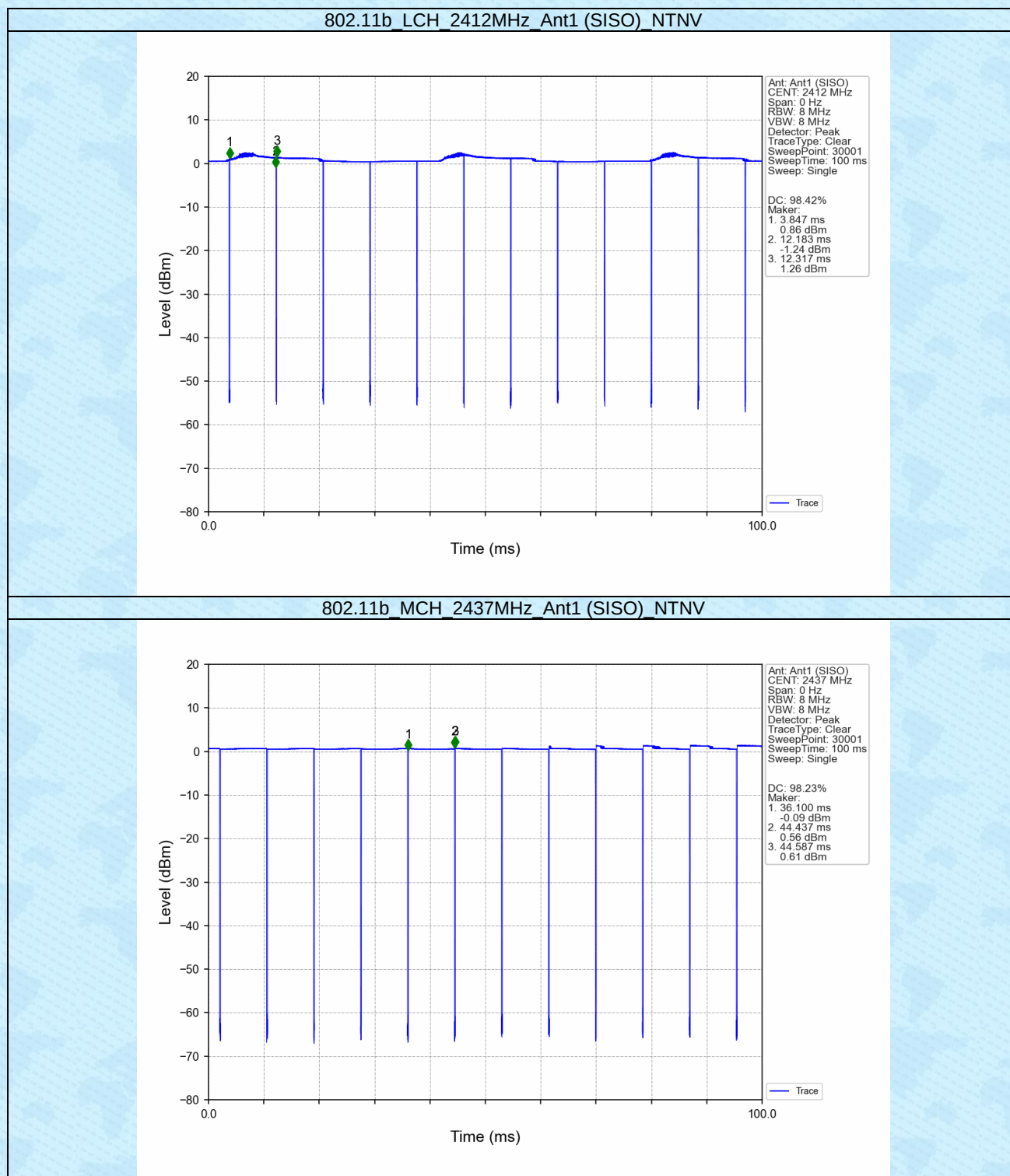


1. Duty Cycle

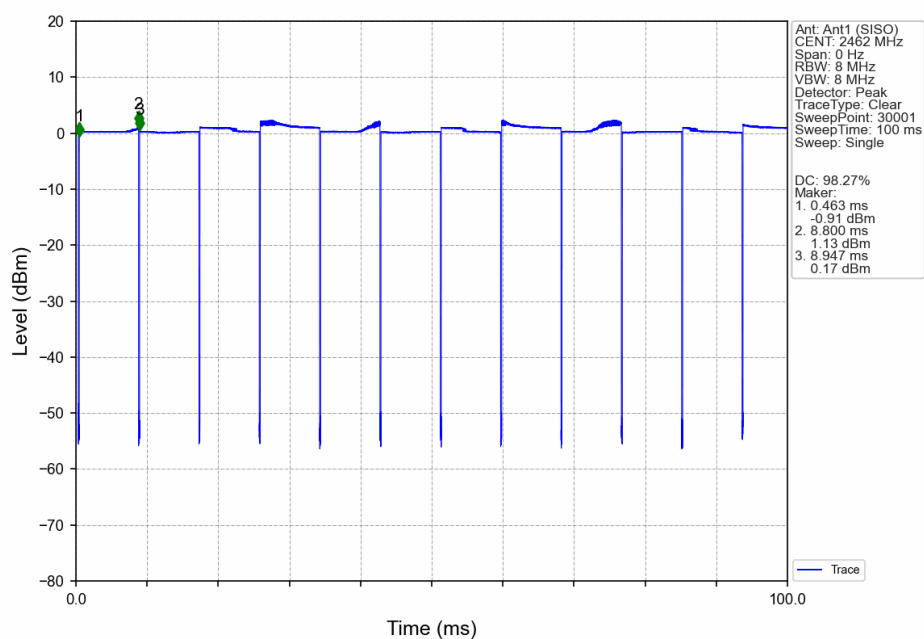
1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	8.336	8.470	98.42	0.07	0.04
		2437	8.337	8.487	98.23	0.08	0.04
		2462	8.337	8.484	98.27	0.08	0.04
802.11g	SISO	2412	1.377	1.417	97.18	0.12	0.03
		2437	1.377	1.417	97.18	0.12	0.03
		2462	1.377	1.417	97.18	0.12	0.03
802.11n (HT20)	SISO	2412	1.289	1.329	96.99	0.13	0.03
		2437	1.289	1.329	96.99	0.13	0.04
		2462	1.289	1.329	96.99	0.13	0.04
802.11n (HT40)	SISO	2422	0.641	0.682	93.99	0.27	0.03
		2437	0.641	0.682	93.99	0.27	0.03
		2452	0.641	0.682	93.99	0.27	0.03

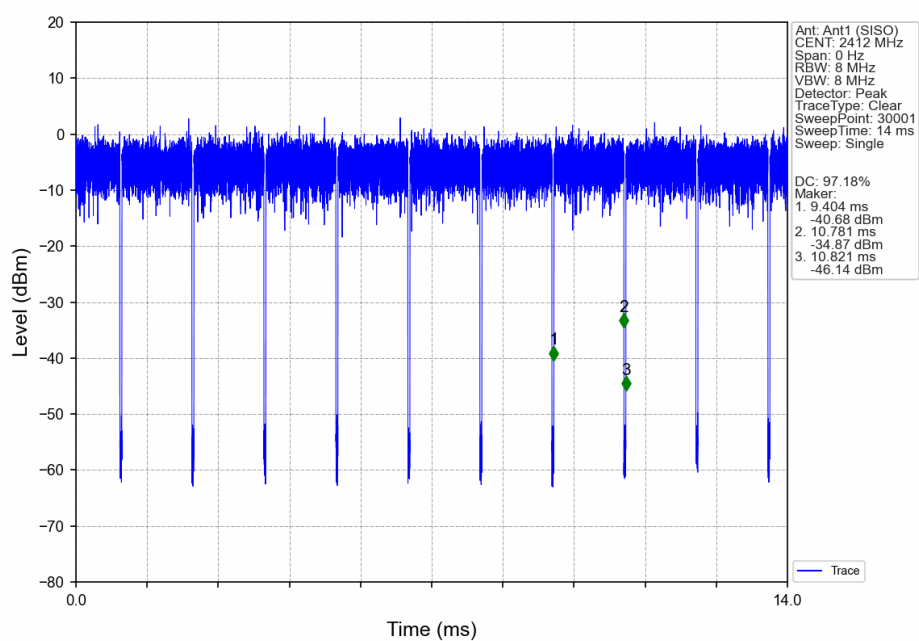
1.2 Test Graph



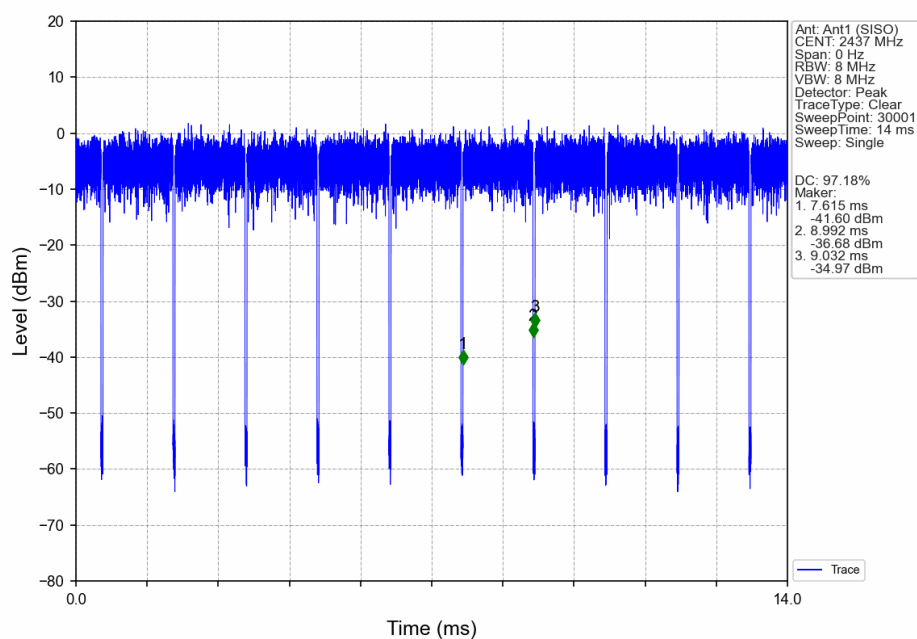
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



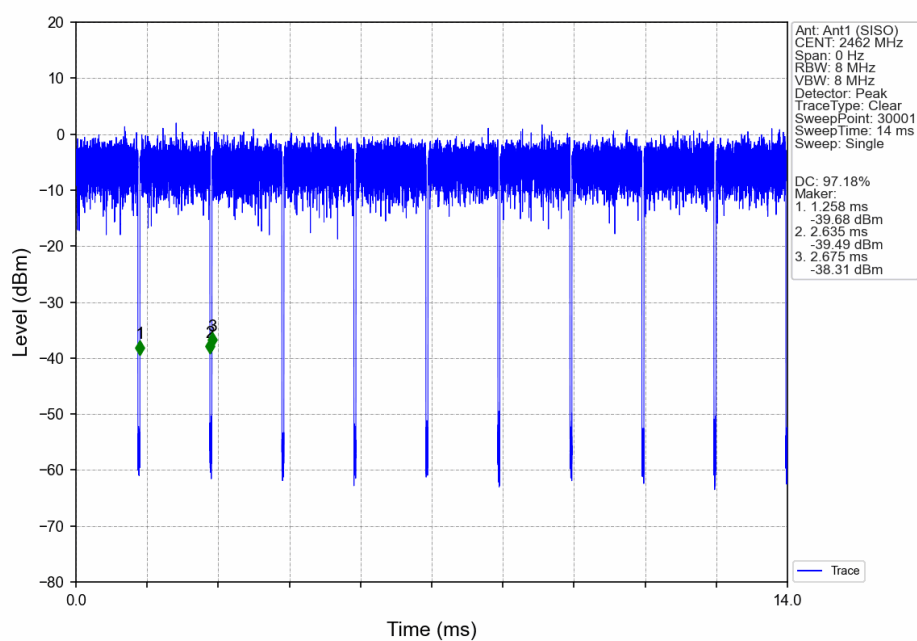
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



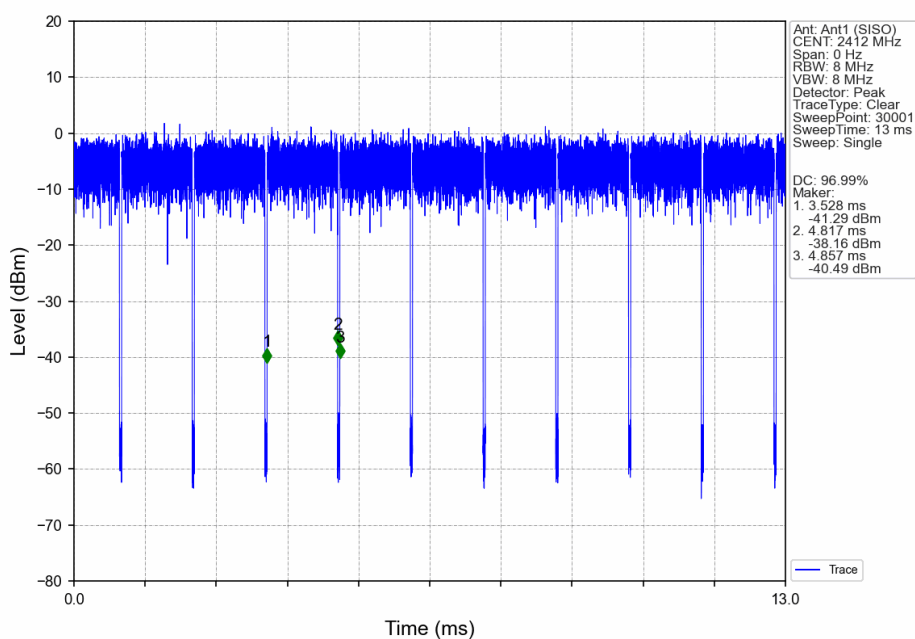
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



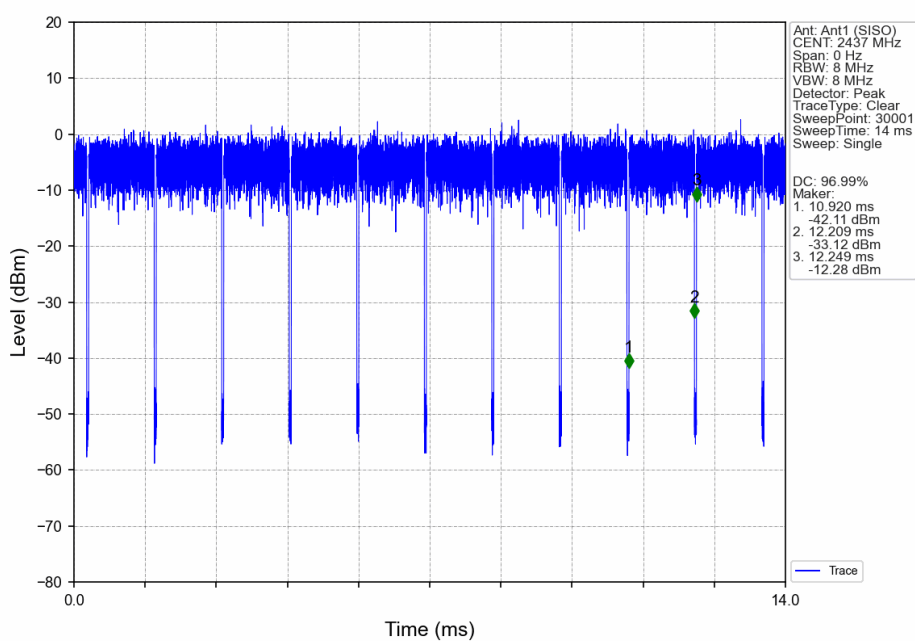
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



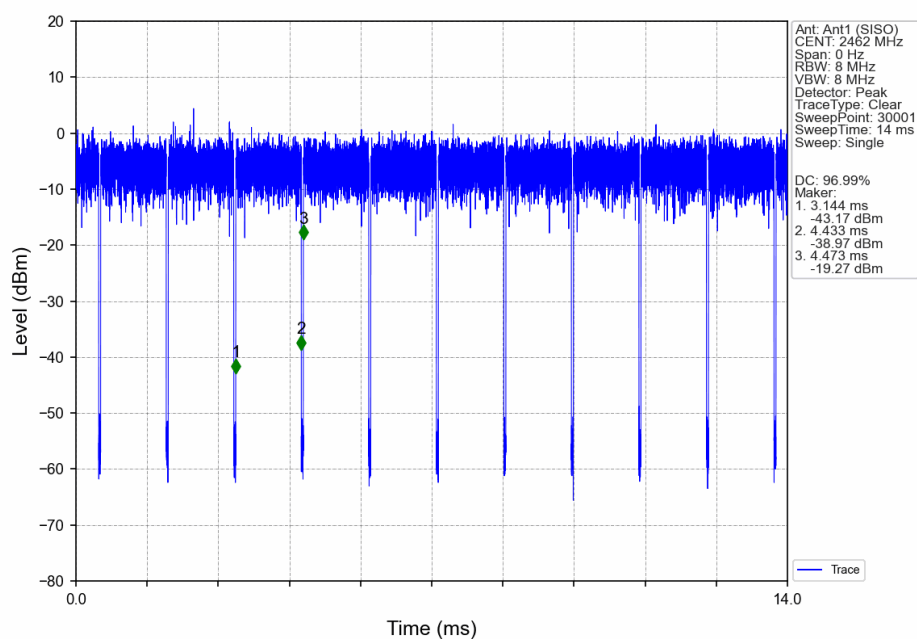
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



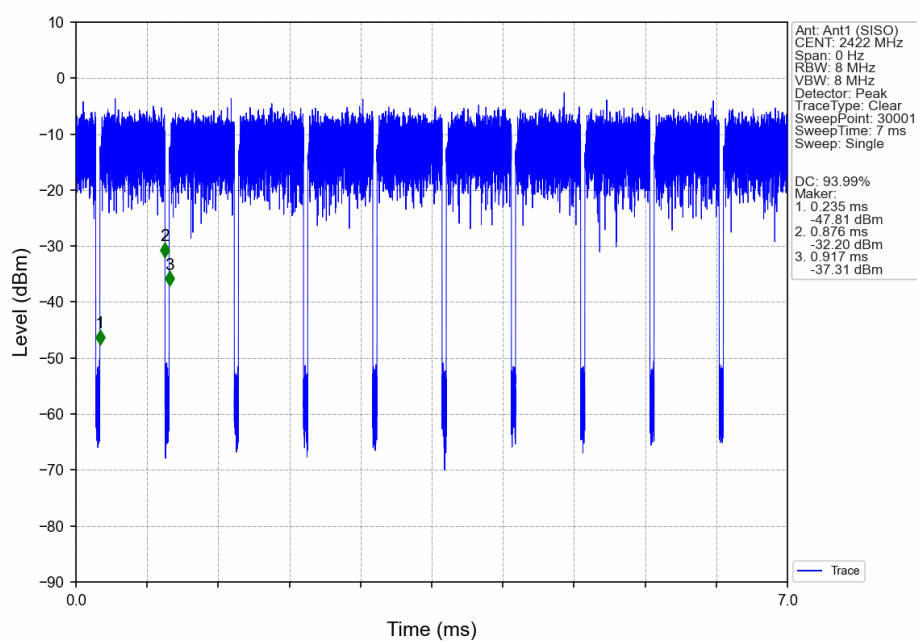
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



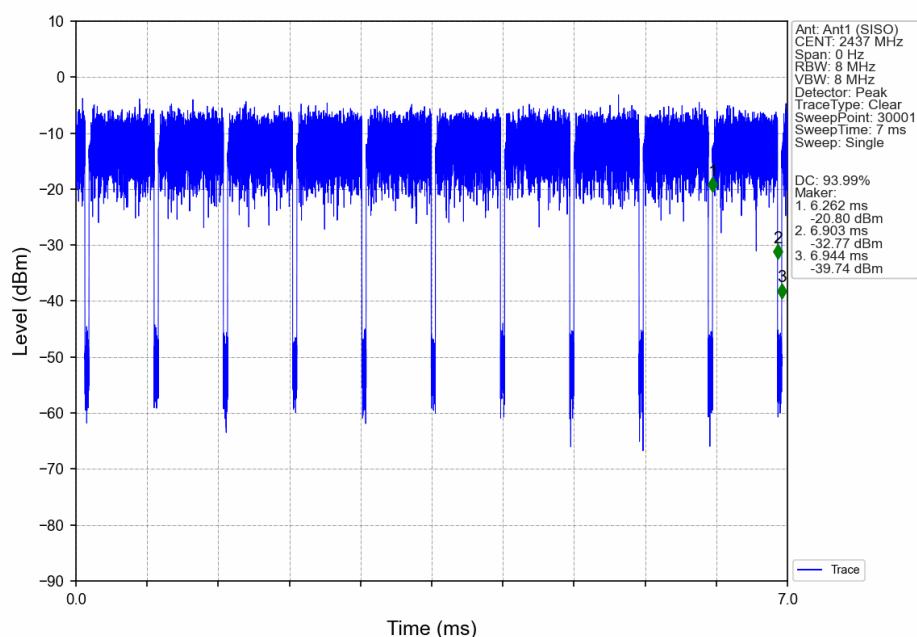
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



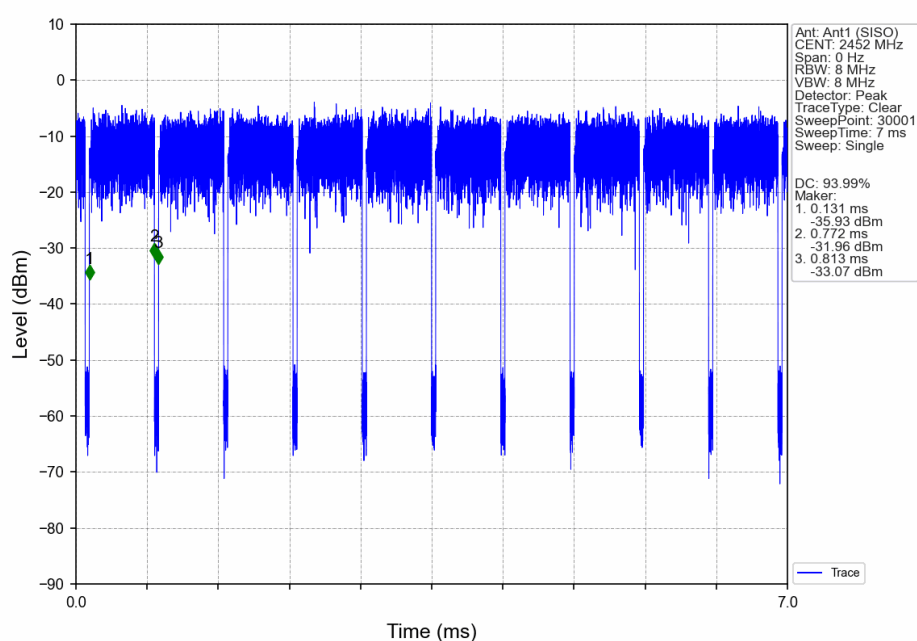
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

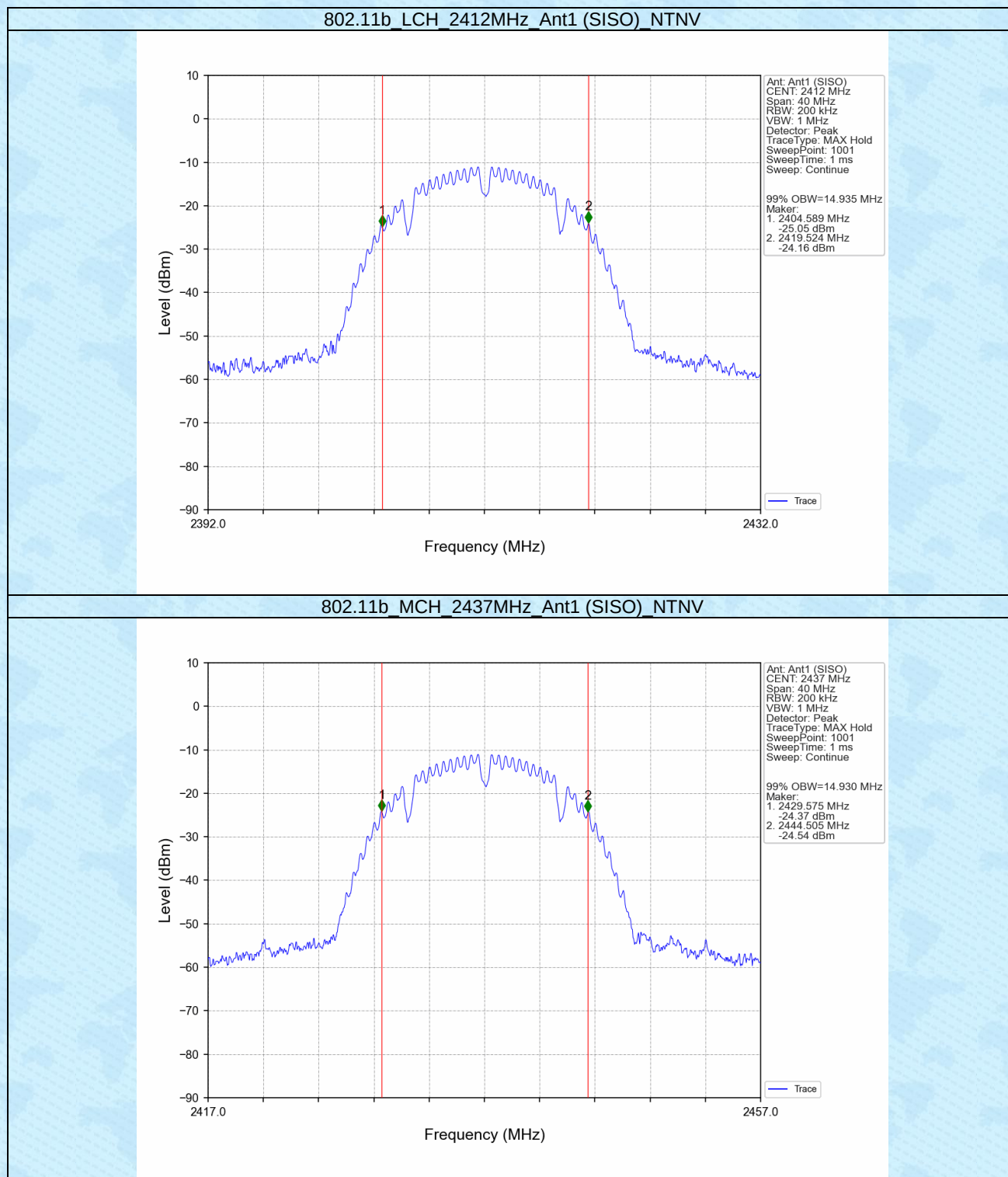
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	14.935	/	Pass
		2437	1	14.930	/	Pass
		2462	1	14.942	/	Pass
802.11g	SISO	2412	1	16.536	/	Pass
		2437	1	16.538	/	Pass
		2462	1	16.560	/	Pass
802.11n (HT20)	SISO	2412	1	17.511	/	Pass
		2437	1	17.506	/	Pass
		2462	1	17.505	/	Pass
802.11n (HT40)	SISO	2422	1	36.170	/	Pass
		2437	1	36.218	/	Pass
		2452	1	36.160	/	Pass

2.1.2 6dB BW

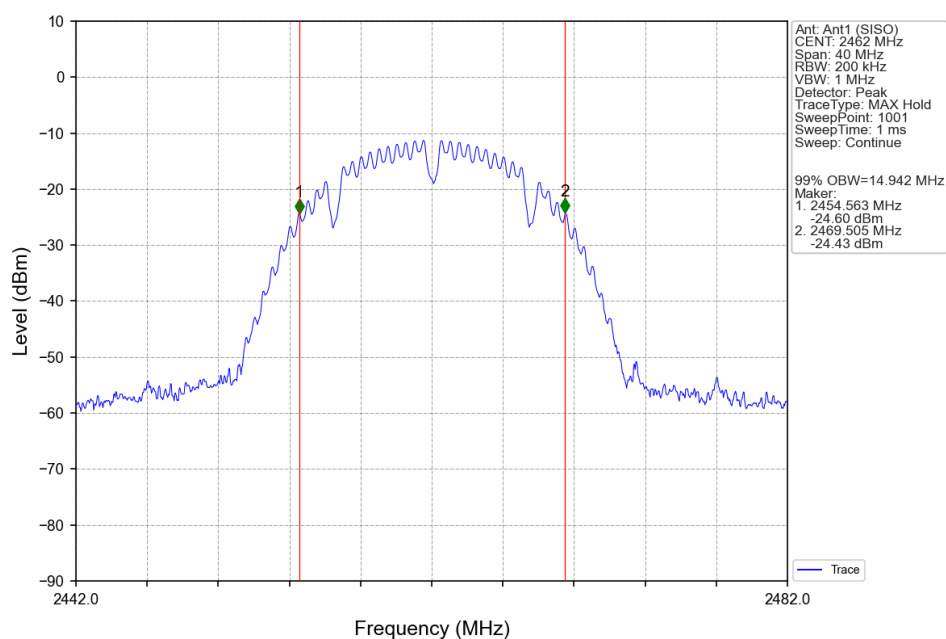
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.119	≥ 0.5	Pass
		2437	1	10.087	≥ 0.5	Pass
		2462	1	10.102	≥ 0.5	Pass
802.11g	SISO	2412	1	16.411	≥ 0.5	Pass
		2437	1	16.420	≥ 0.5	Pass
		2462	1	16.411	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.164	≥ 0.5	Pass
		2437	1	17.150	≥ 0.5	Pass
		2462	1	17.168	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.728	≥ 0.5	Pass
		2437	1	35.679	≥ 0.5	Pass
		2452	1	35.226	≥ 0.5	Pass

2.2 Test Graph

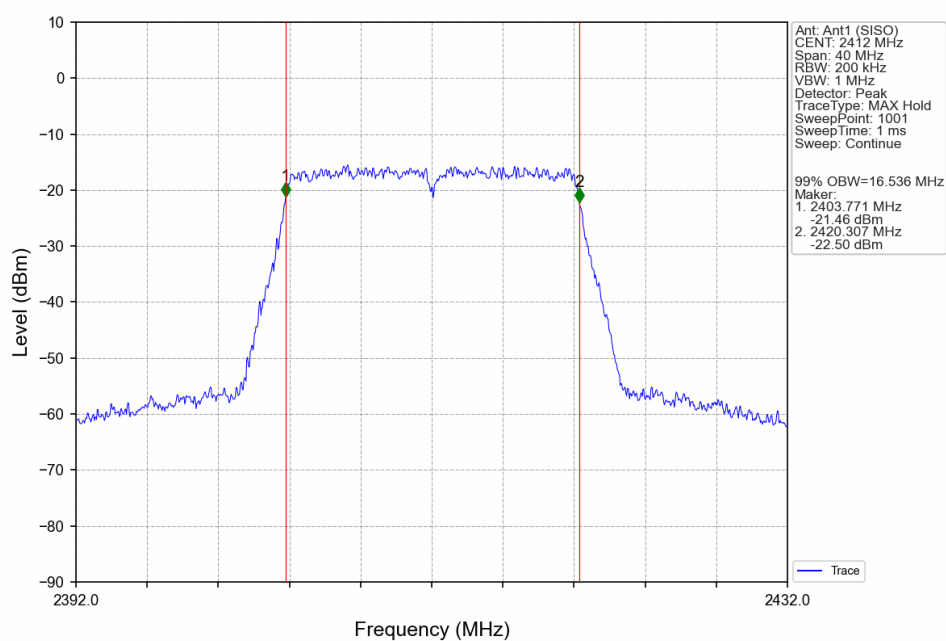
2.2.1 OBW



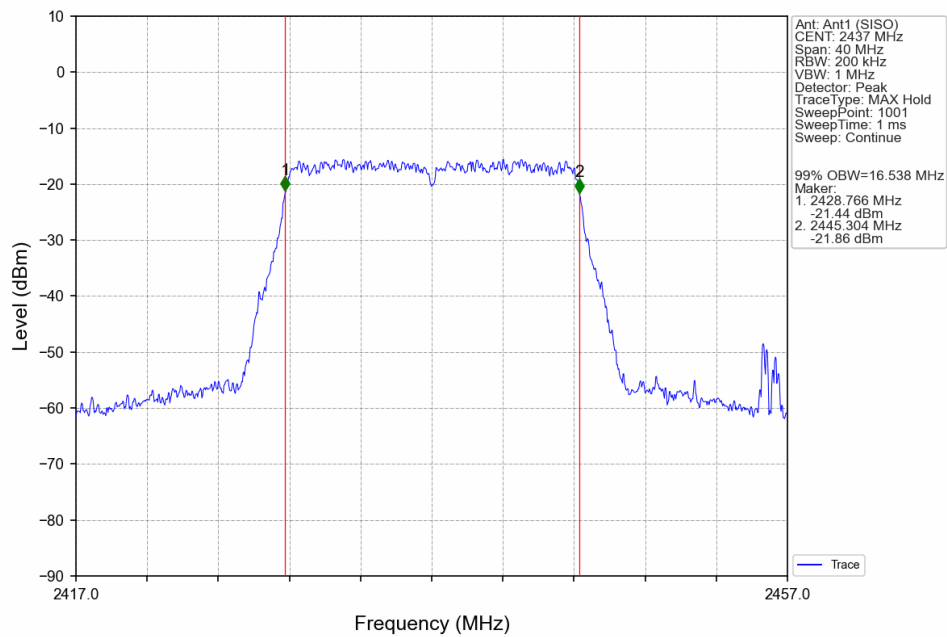
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



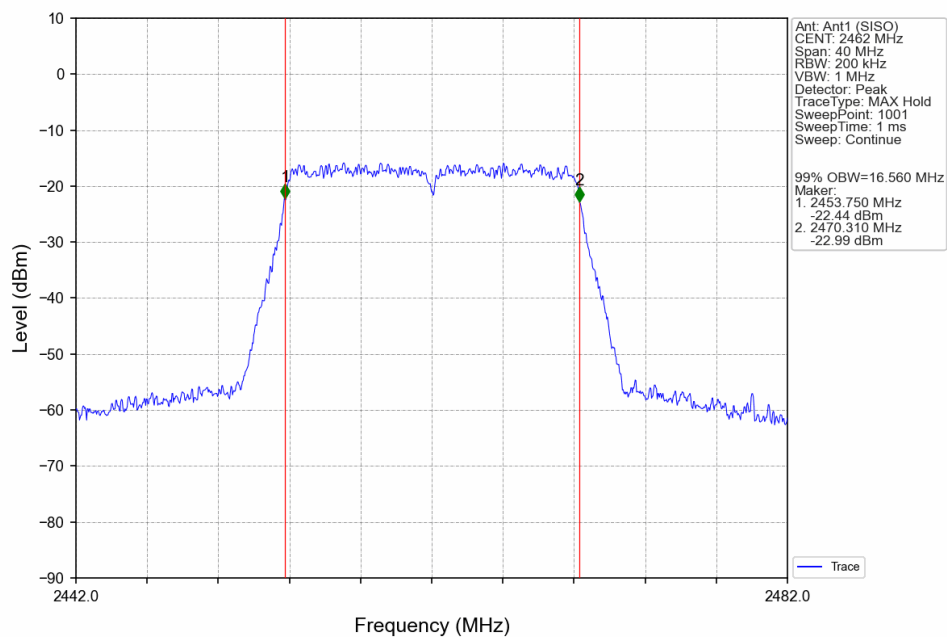
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



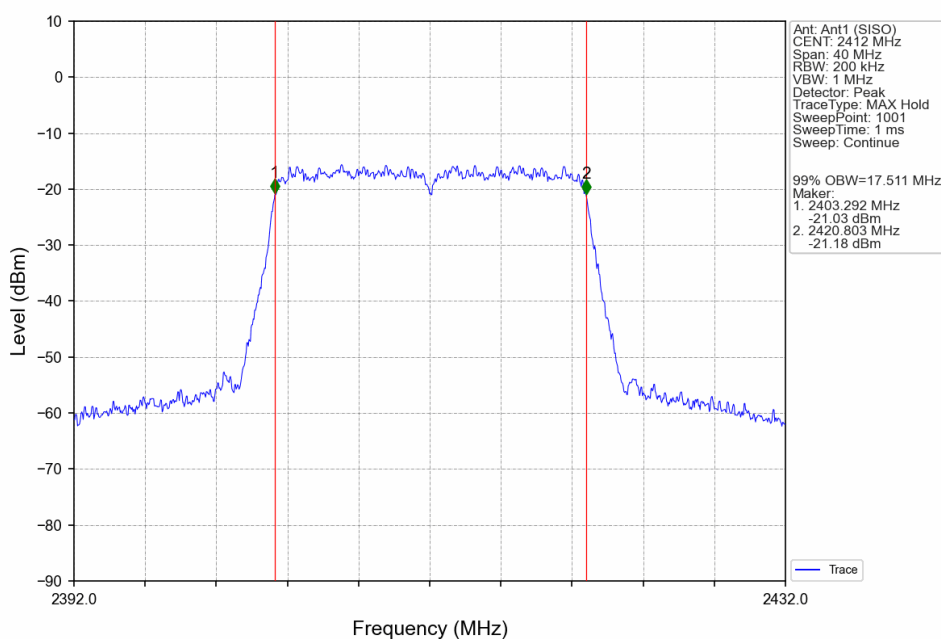
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



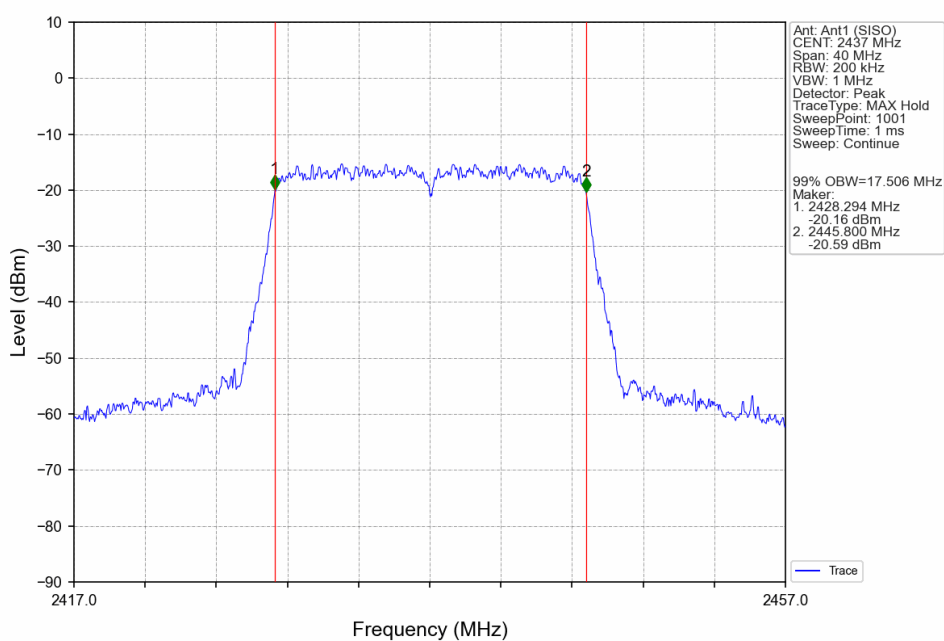
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



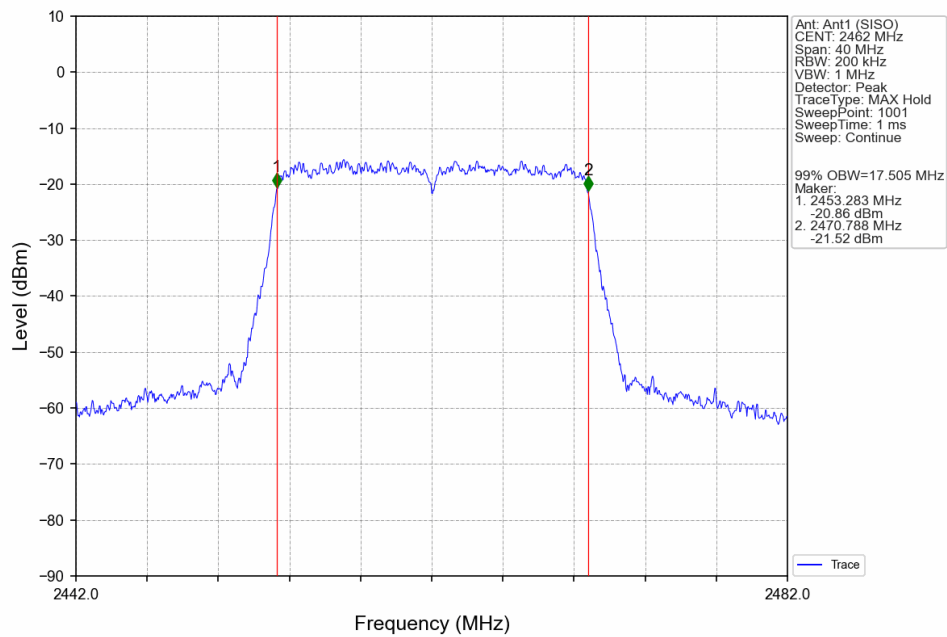
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



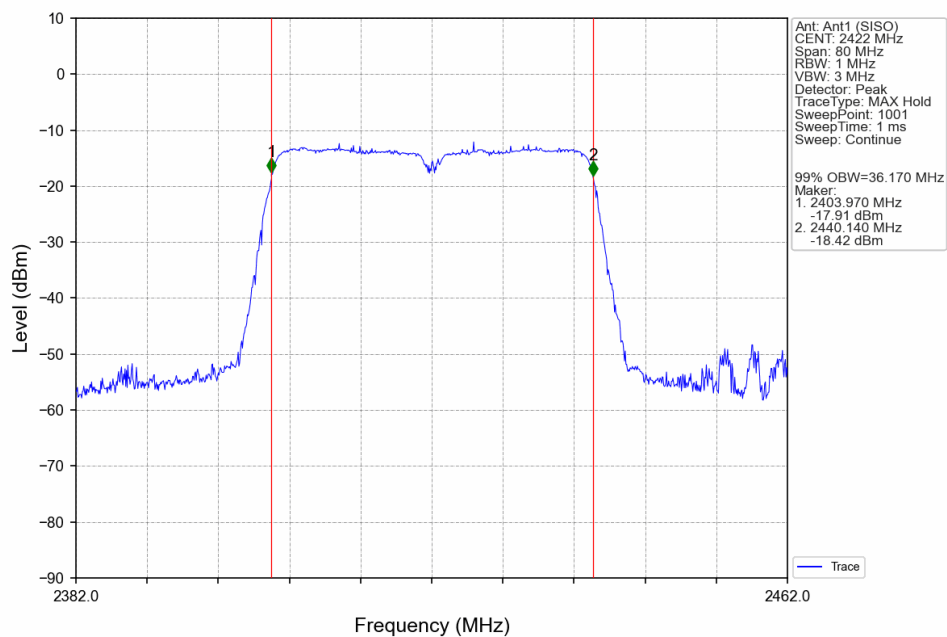
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



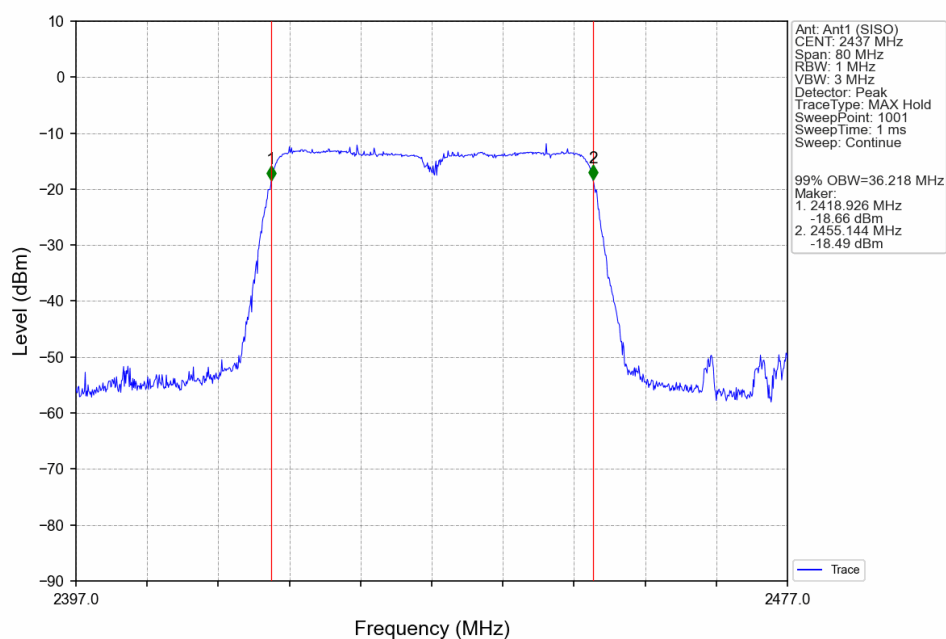
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



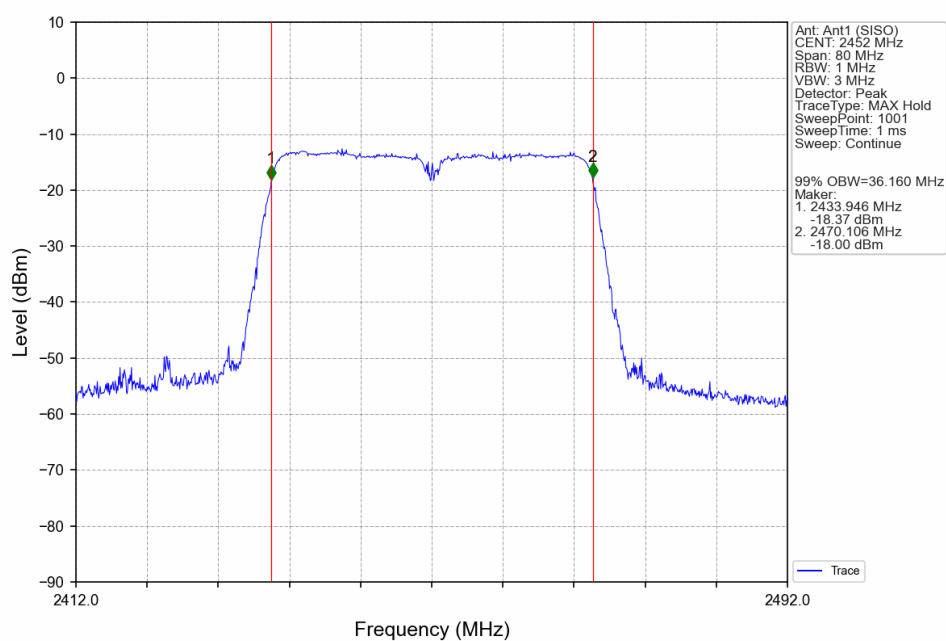
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



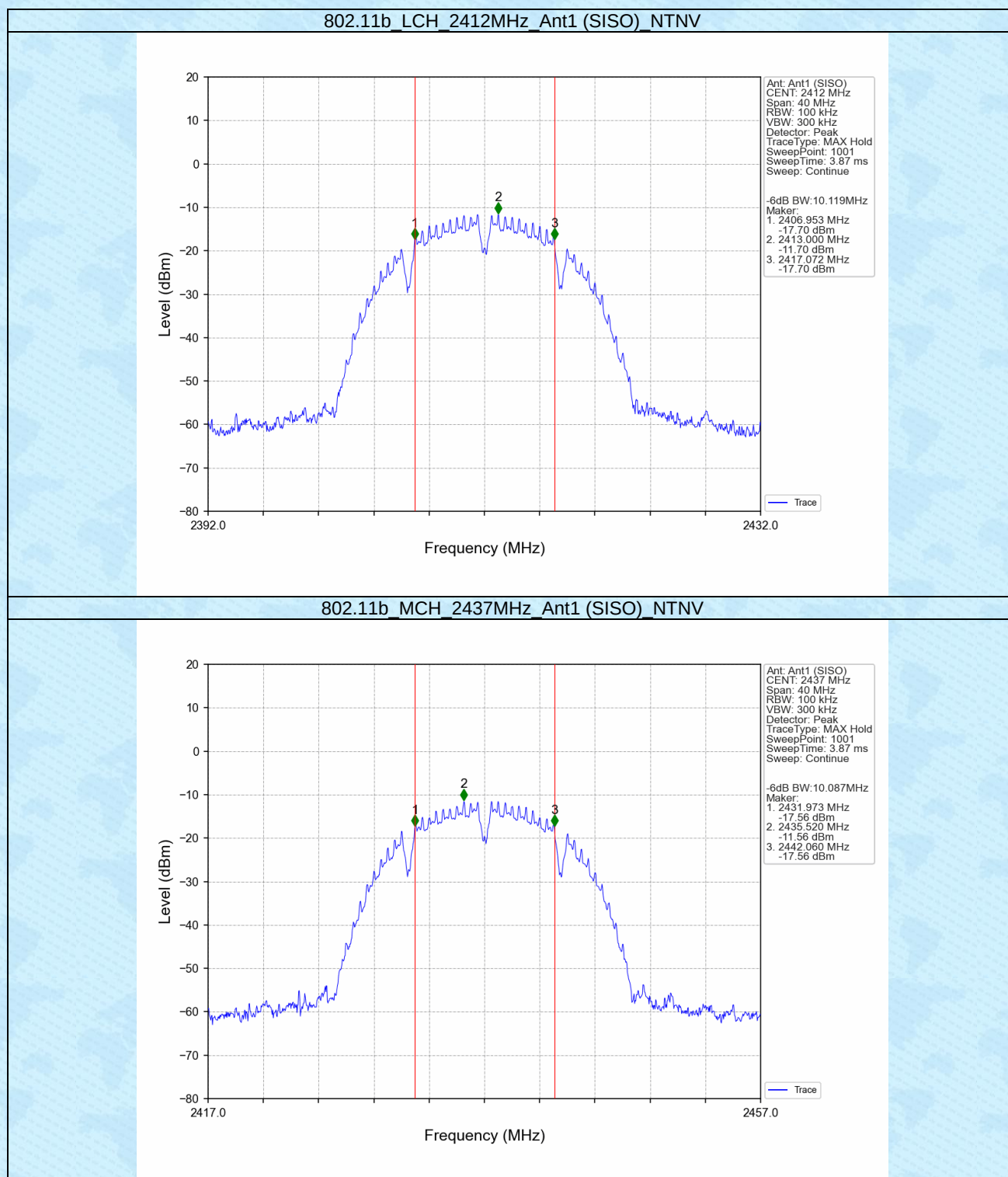
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



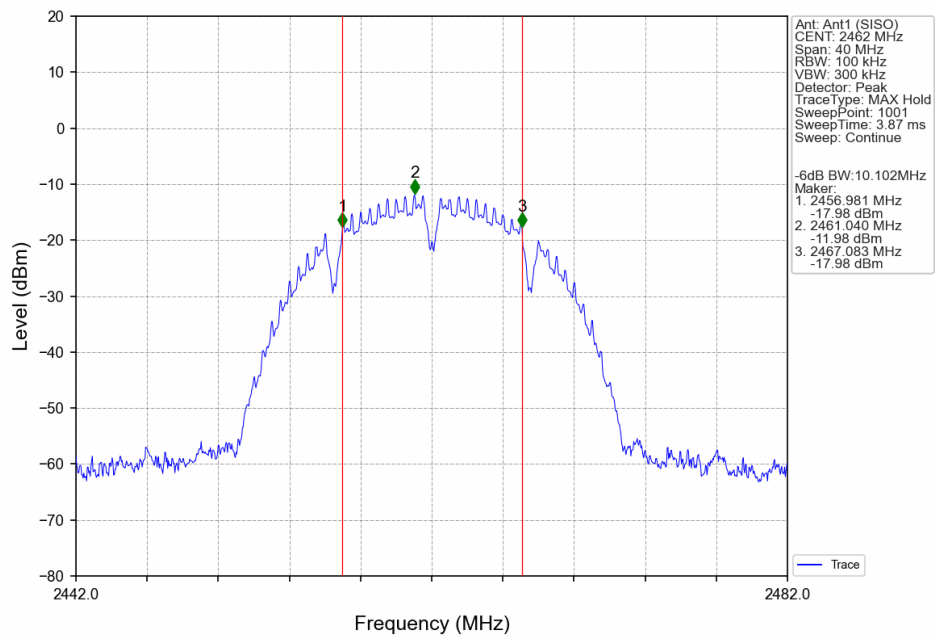
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



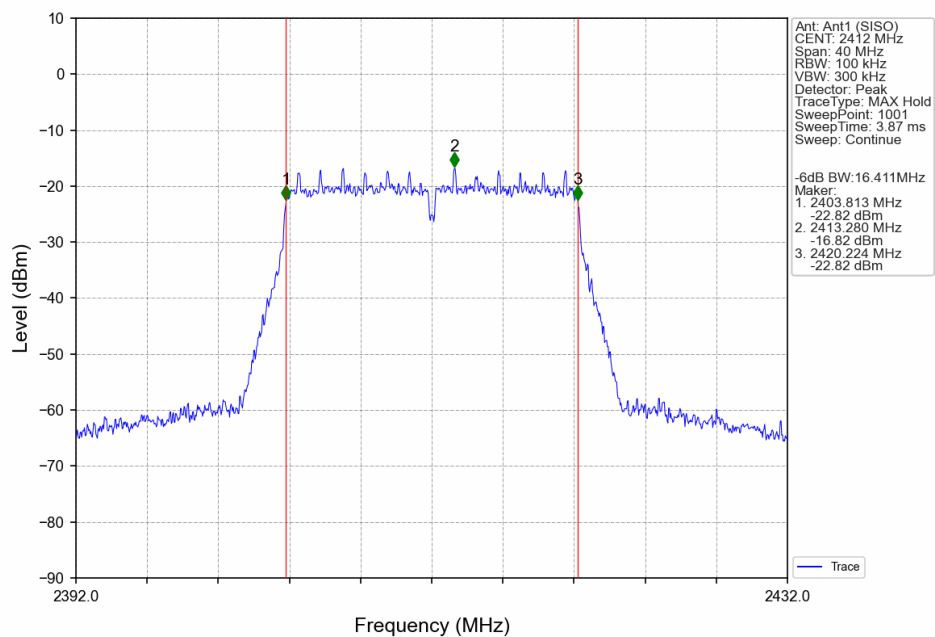
2.2.2 6dB BW



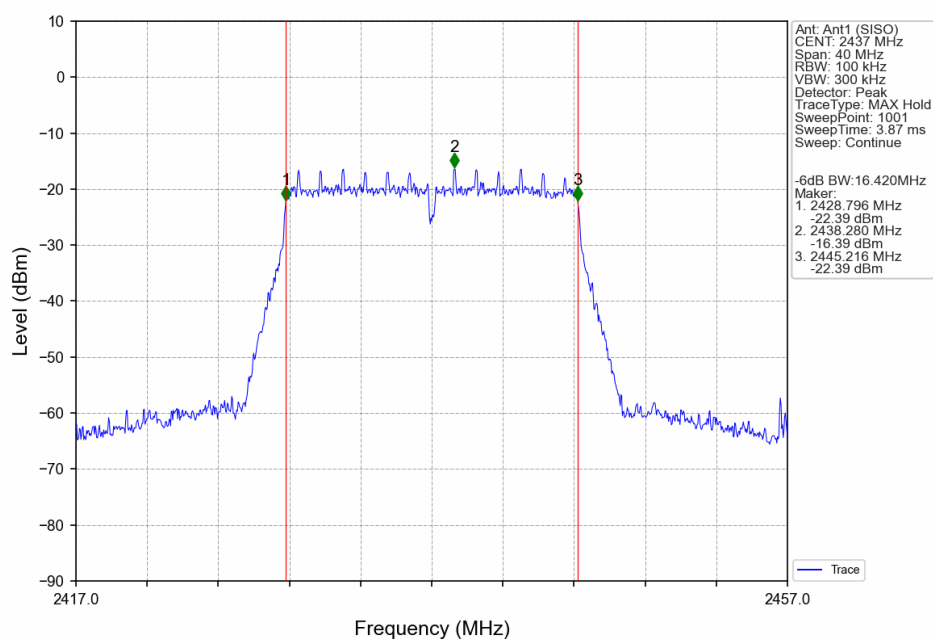
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



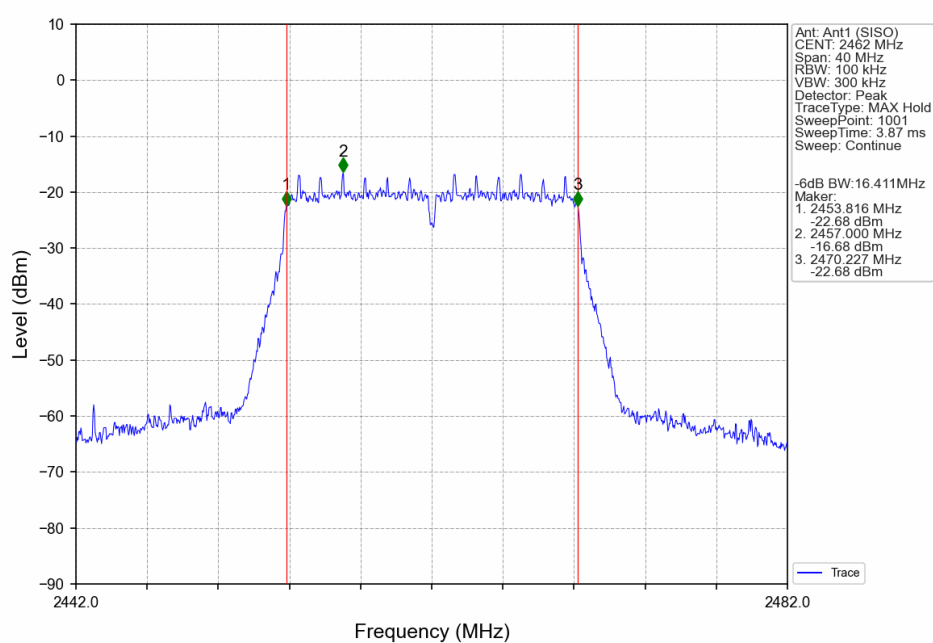
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



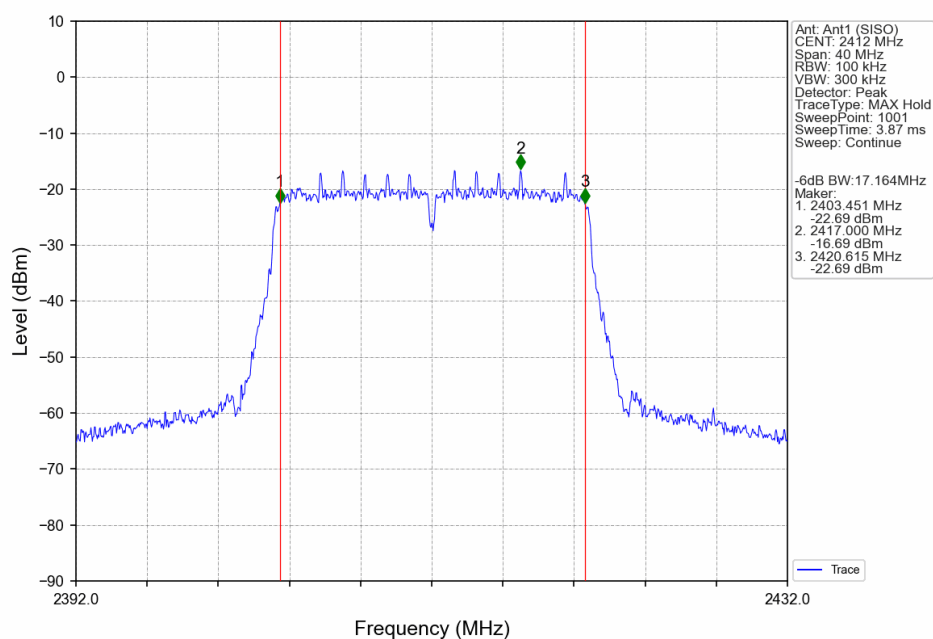
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



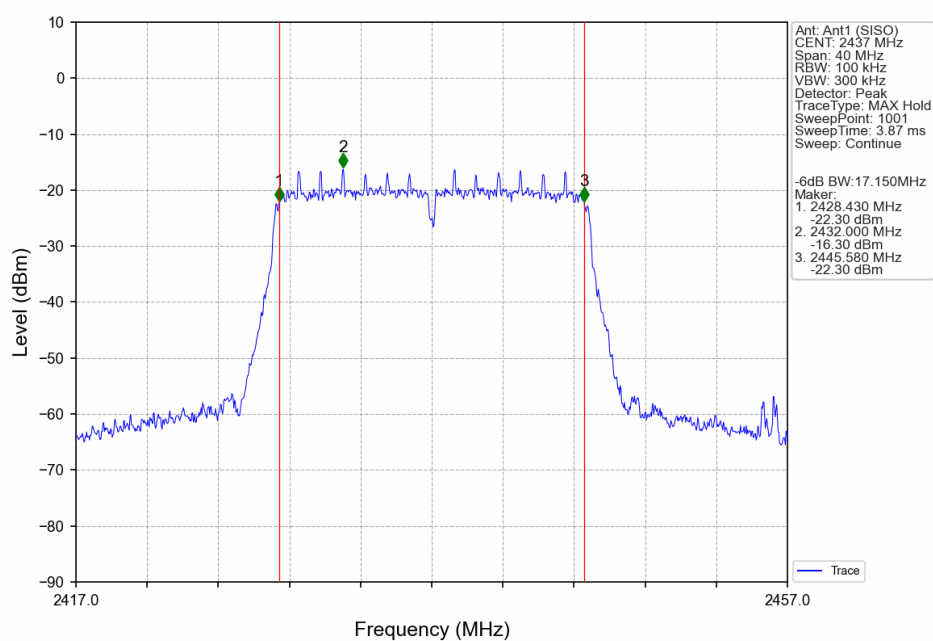
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



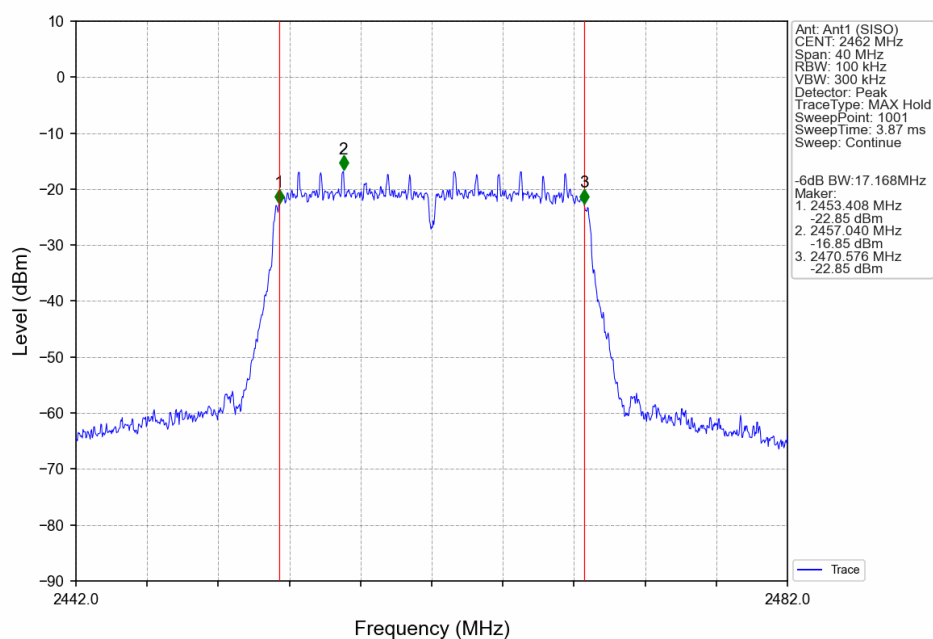
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



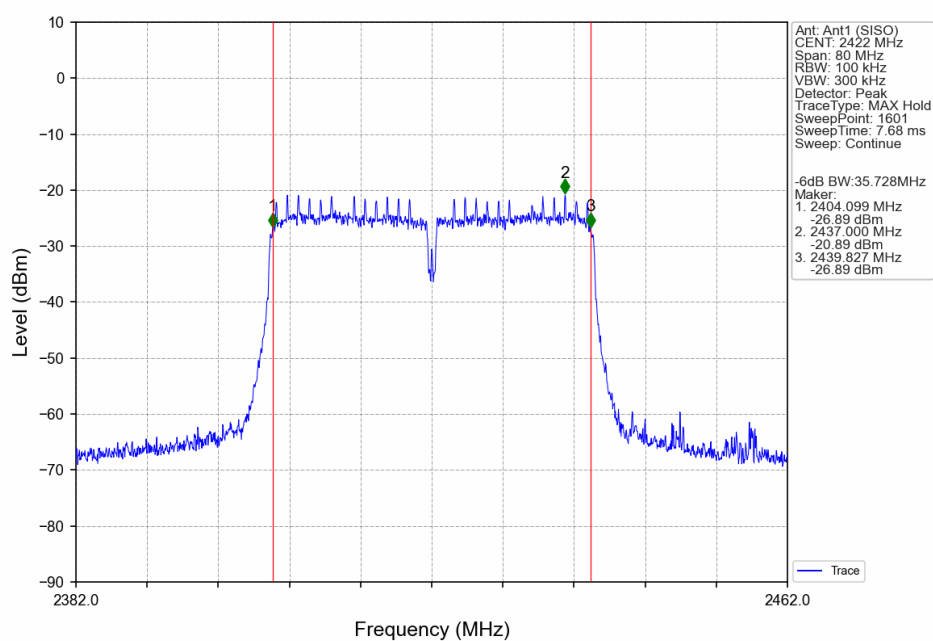
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



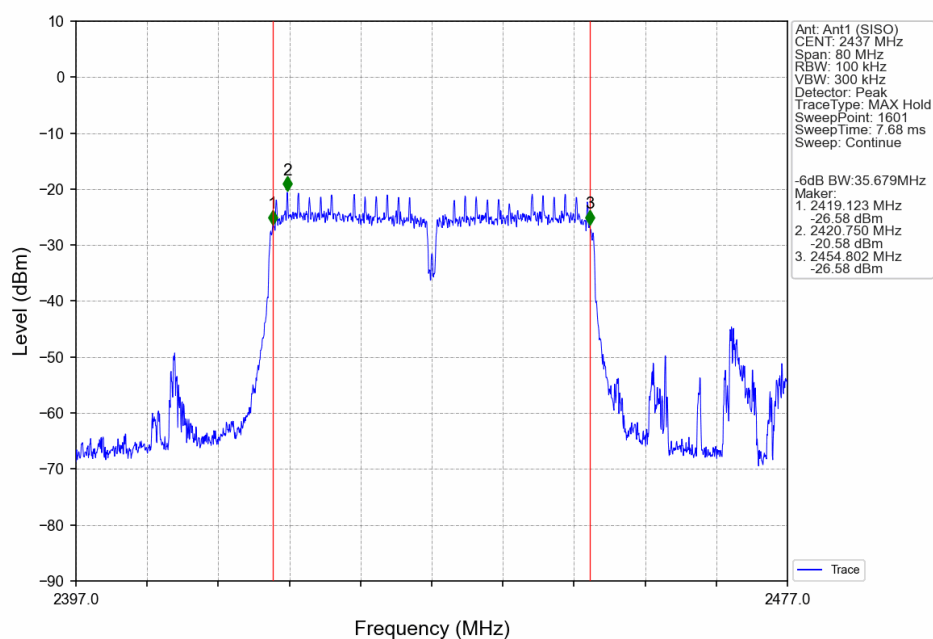
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



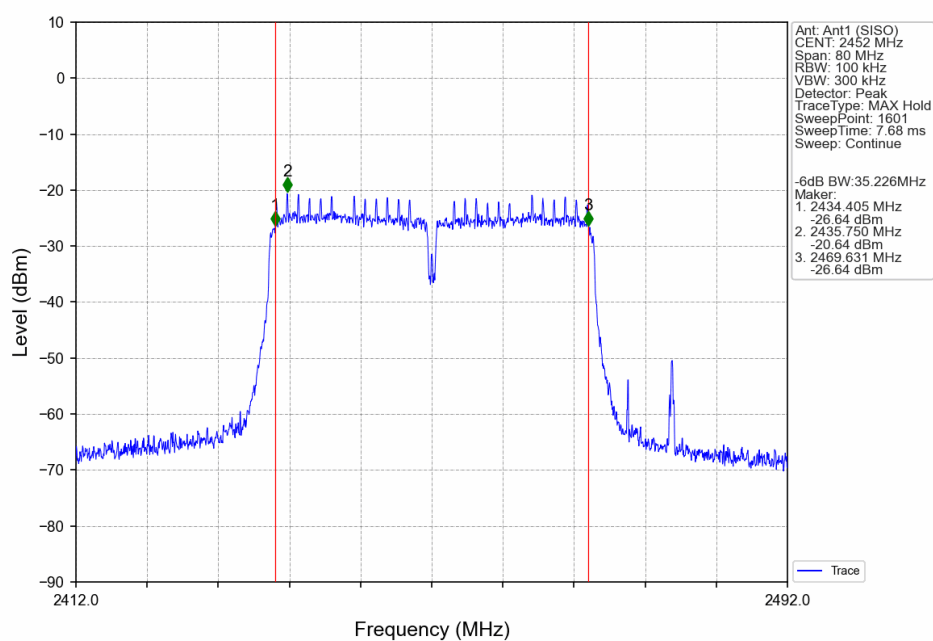
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	0.22	<=30	Pass
		2437	0.39	<=30	Pass
		2462	-0.03	<=30	Pass
802.11g	SISO	2412	2.42	<=30	Pass
		2437	2.66	<=30	Pass
		2462	2.38	<=30	Pass
802.11n (HT20)	SISO	2412	2.38	<=30	Pass
		2437	2.58	<=30	Pass
		2462	2.29	<=30	Pass
802.11n (HT40)	SISO	2422	1.28	<=30	Pass
		2437	1.39	<=30	Pass
		2452	1.13	<=30	Pass

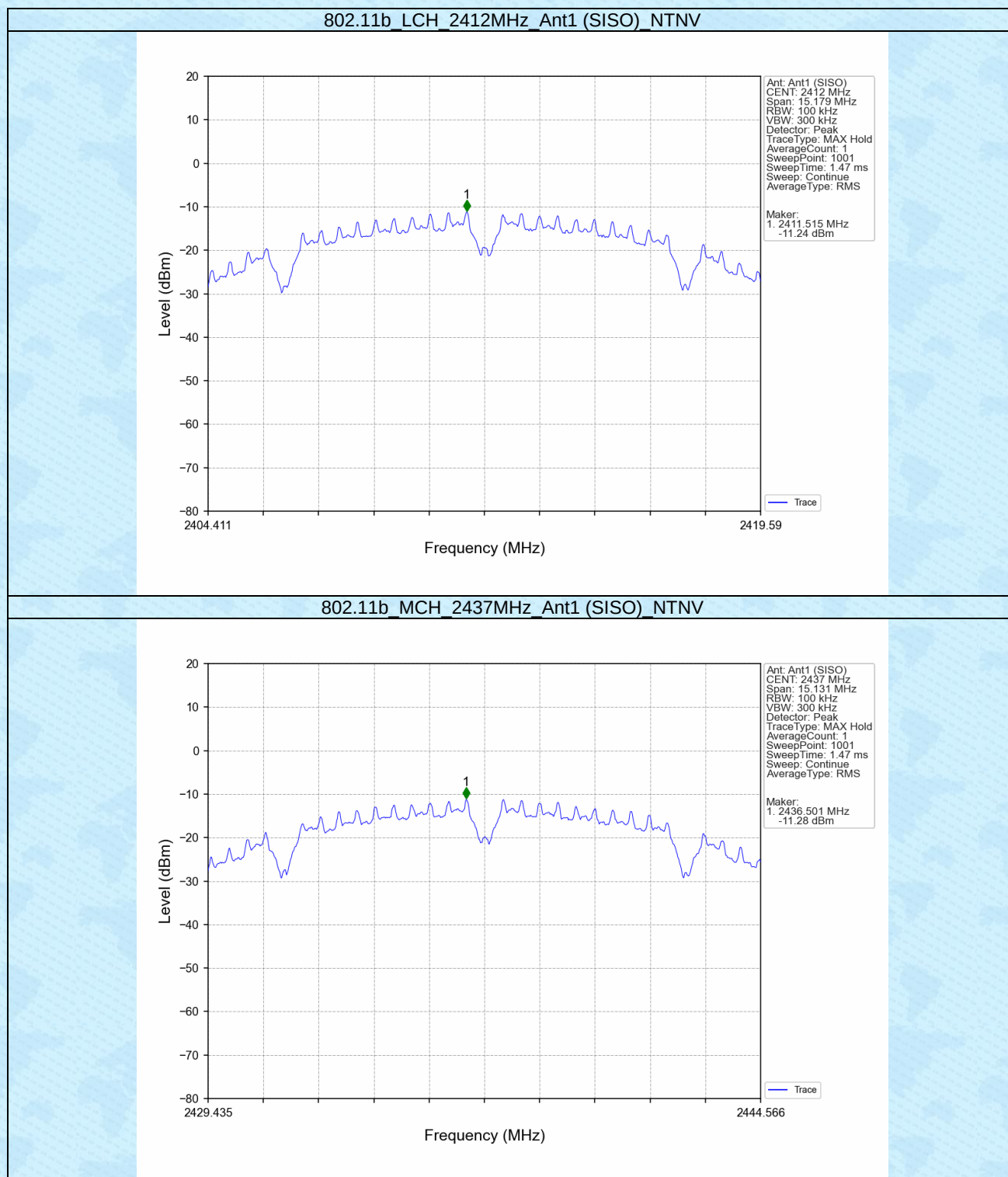
Note1: Antenna Gain: Ant1: 1.71dBi;

4. Maximum Power Spectral Density

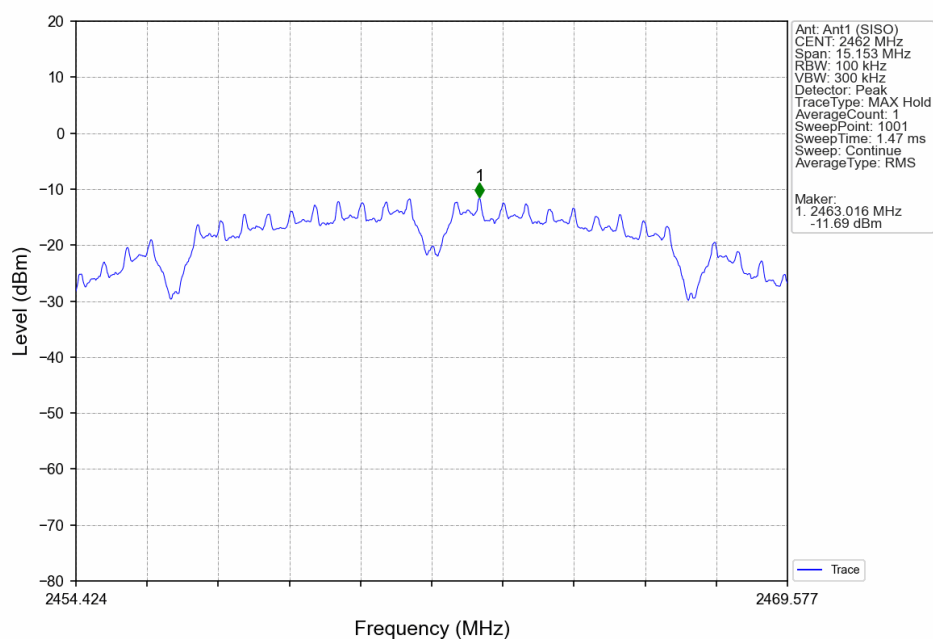
4.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	-11.24dBm/100kHz	<=8	Pass
		2437	-11.28dBm/100kHz	<=8	Pass
		2462	-11.69dBm/100kHz	<=8	Pass
802.11g	SISO	2412	-16.71dBm/100kHz	<=8	Pass
		2437	-16.36dBm/100kHz	<=8	Pass
		2462	-16.68dBm/100kHz	<=8	Pass
802.11n (HT20)	SISO	2412	-16.60dBm/100kHz	<=8	Pass
		2437	-16.40dBm/100kHz	<=8	Pass
		2462	-16.60dBm/100kHz	<=8	Pass
802.11n (HT40)	SISO	2422	-20.63dBm/100kHz	<=8	Pass
		2437	-20.61dBm/100kHz	<=8	Pass
		2452	-20.70dBm/100kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 1.71dBi;					

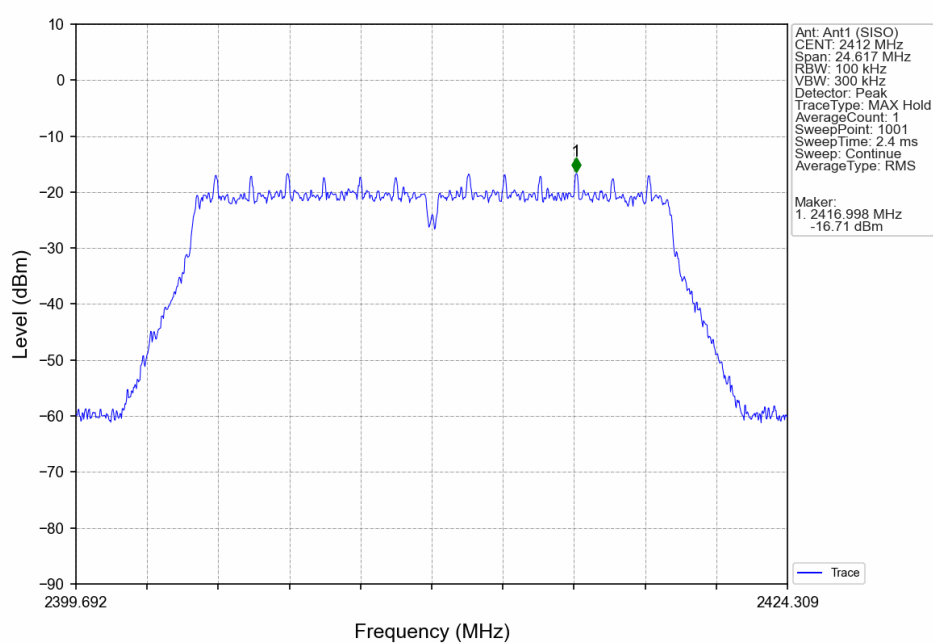
4.2 Test Graph



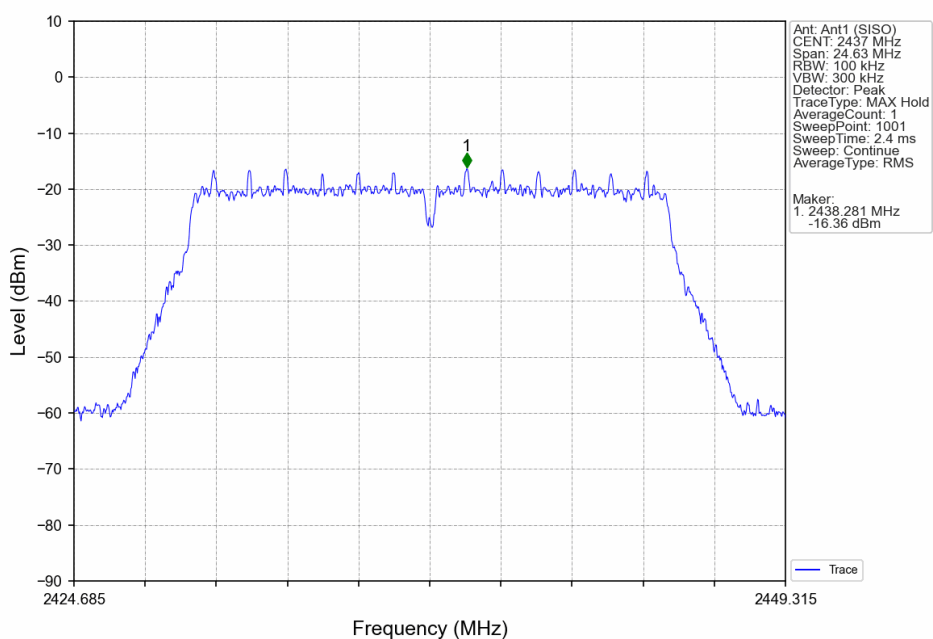
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



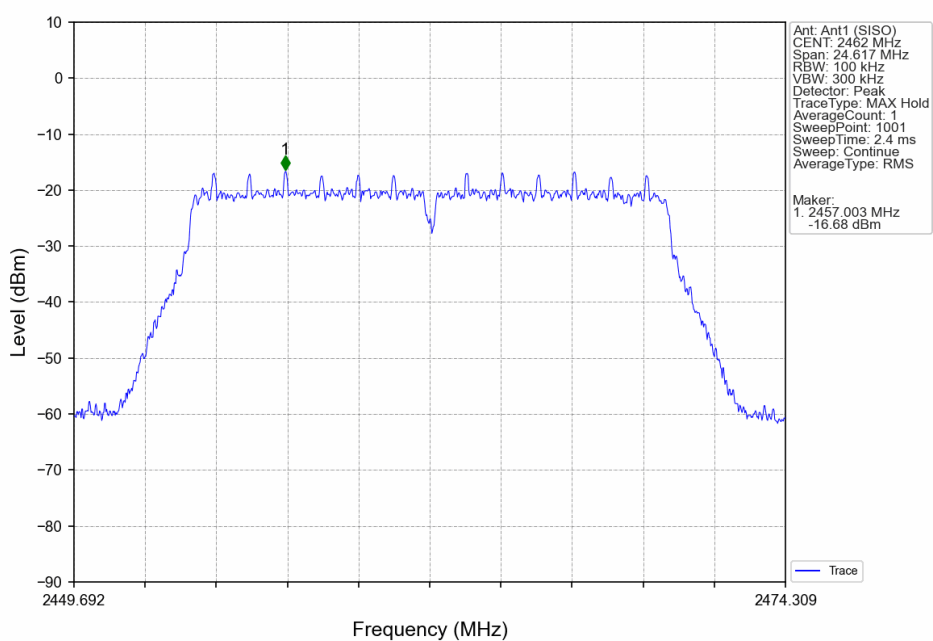
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



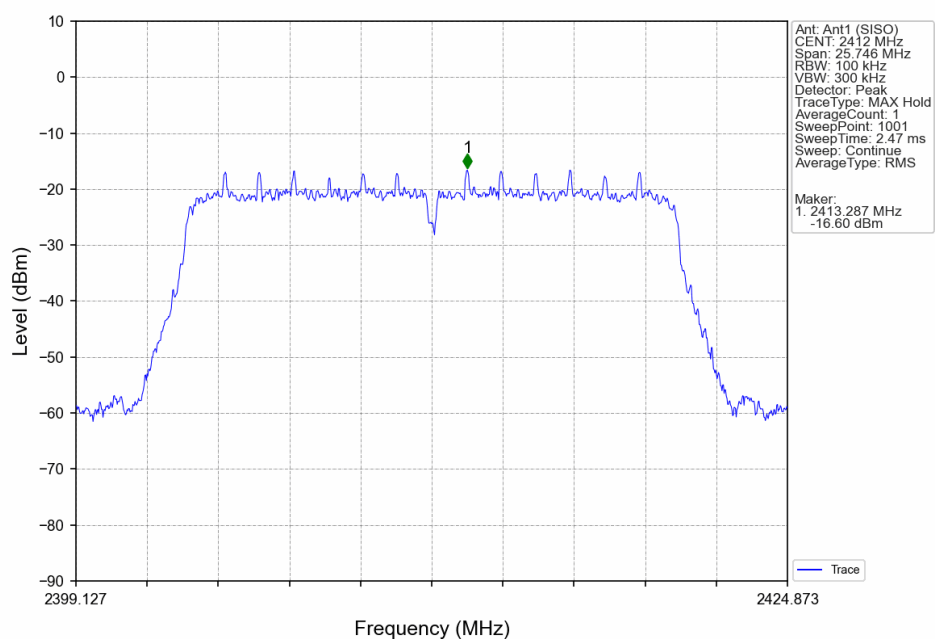
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



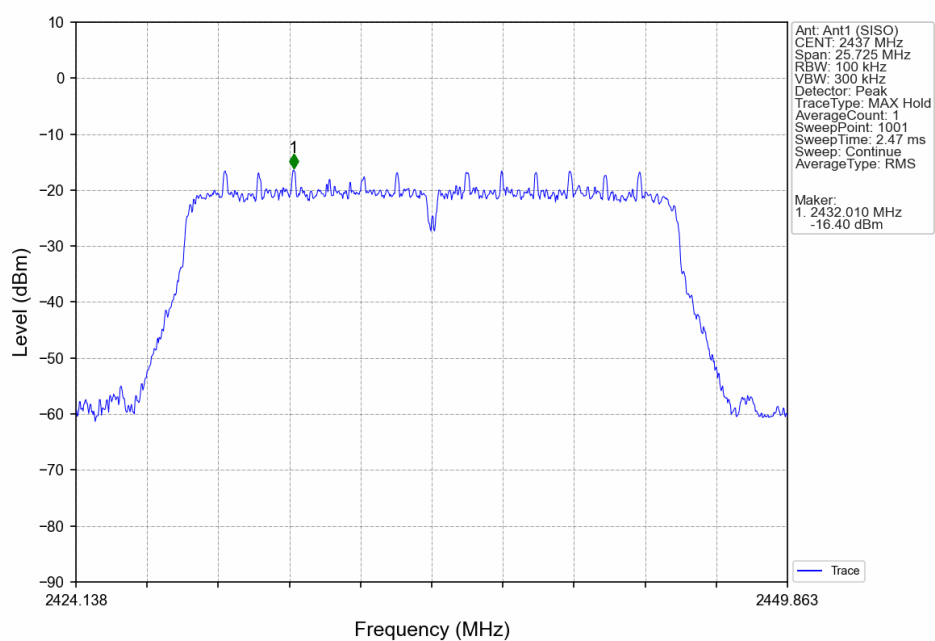
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



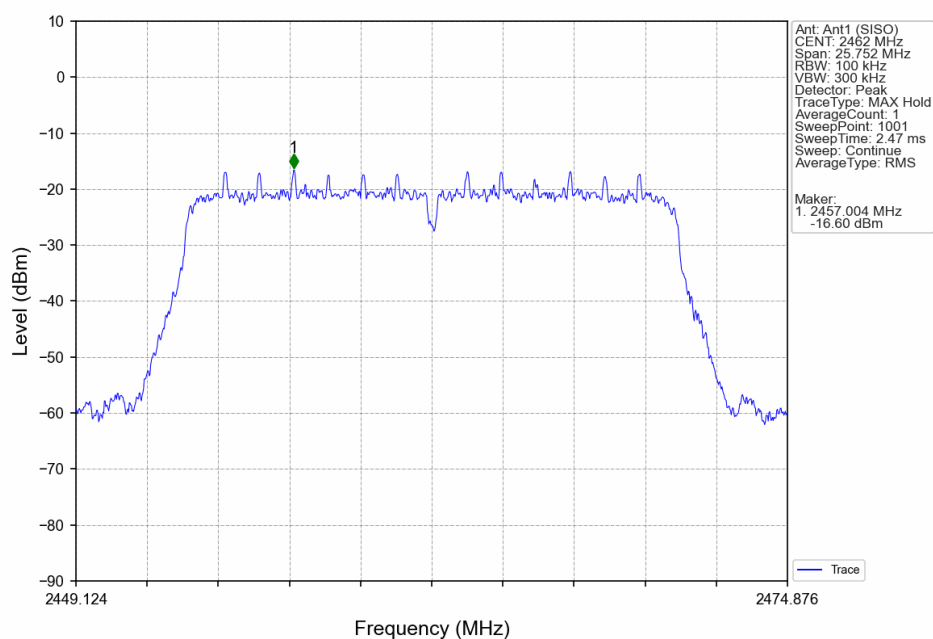
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



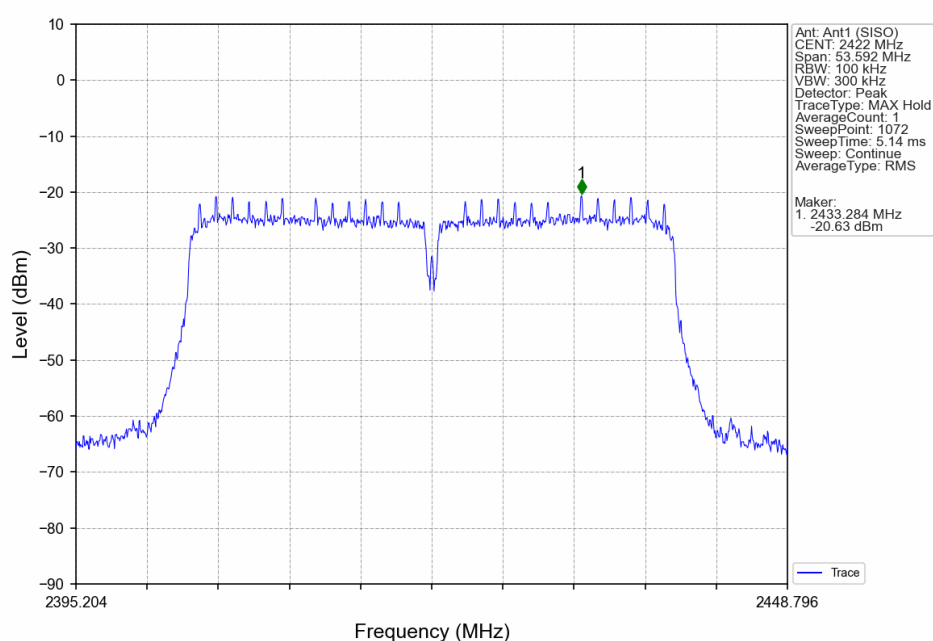
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



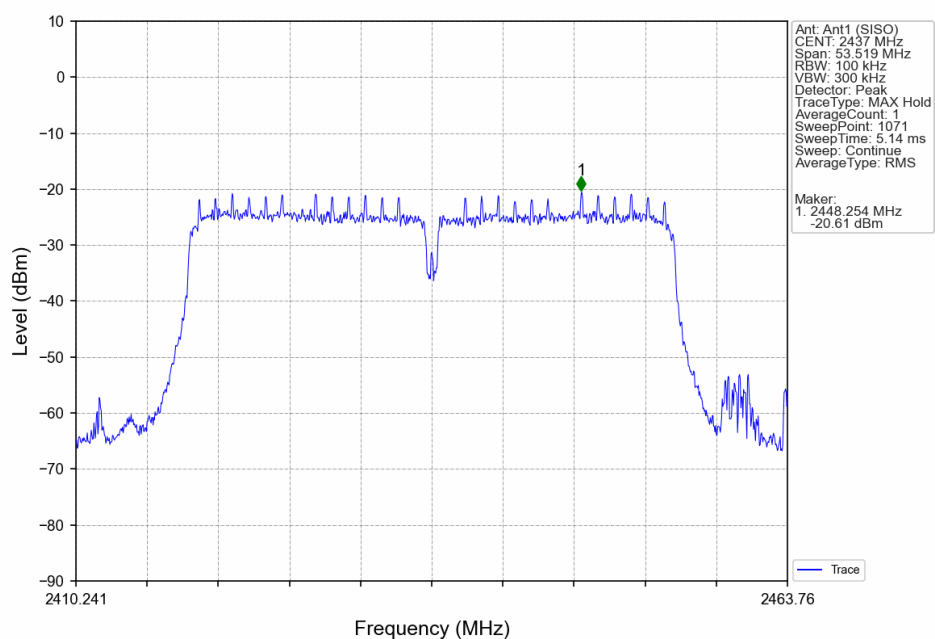
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



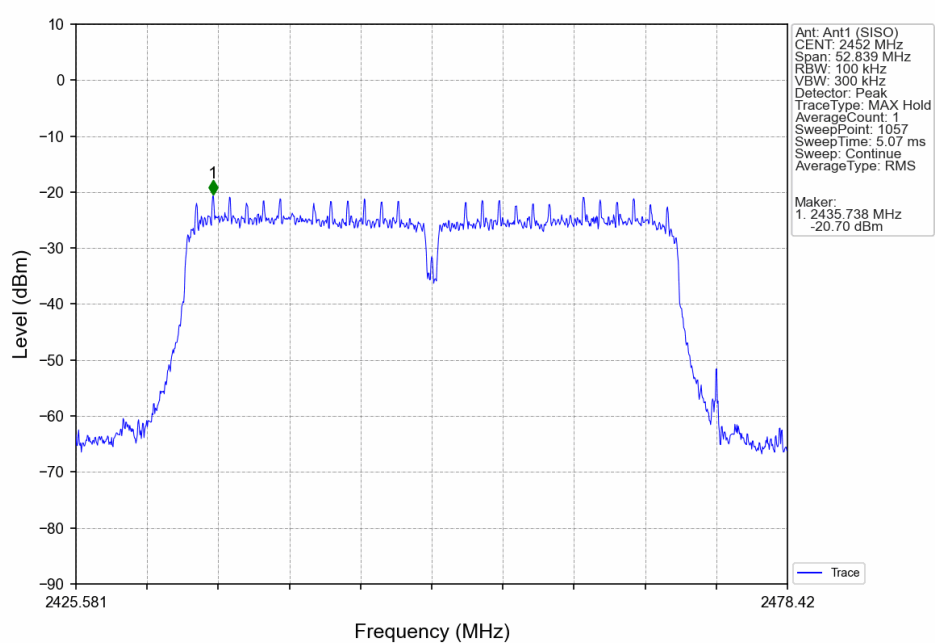
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

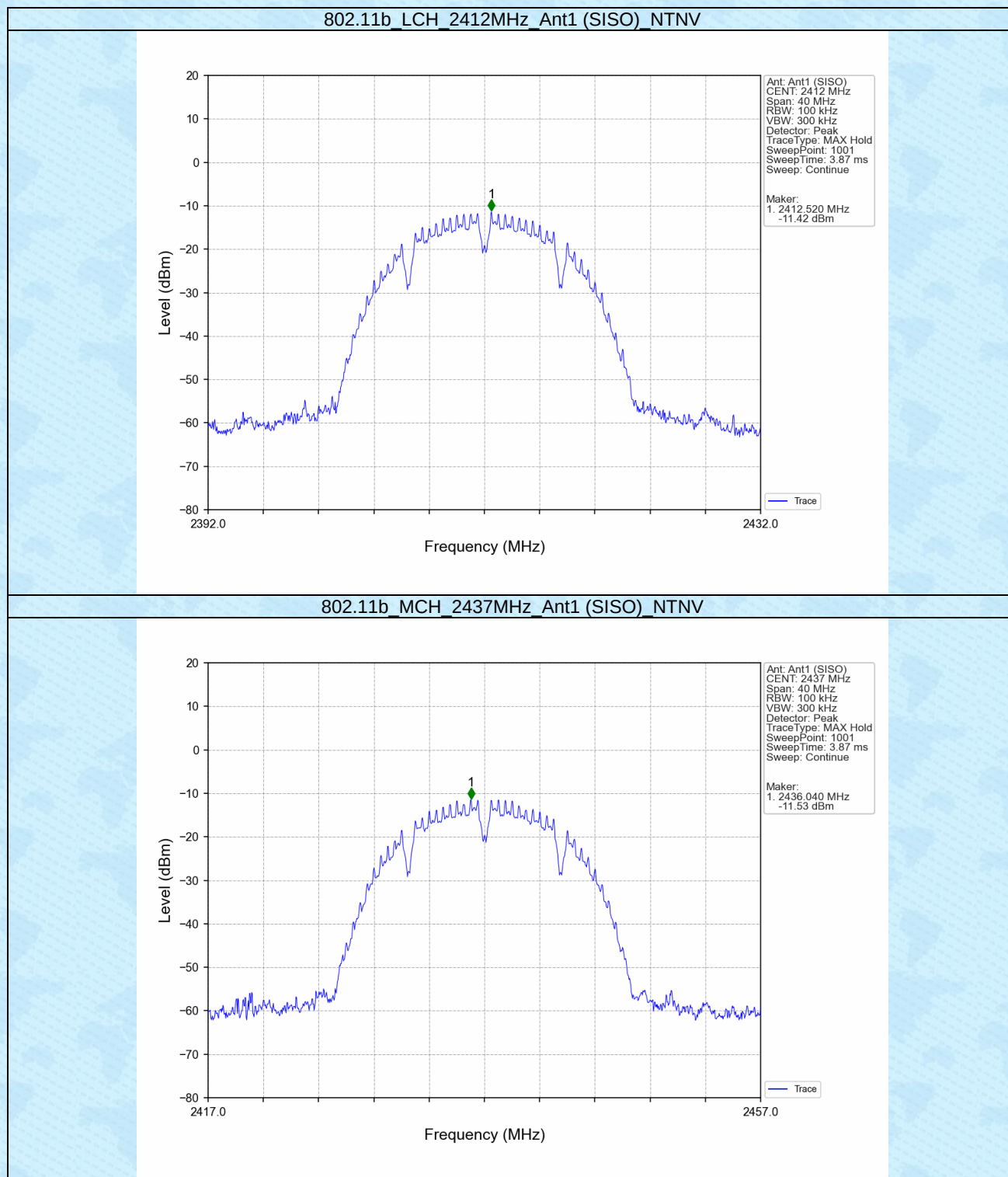
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	-11.42
		2437	1	-11.53
		2462	1	-12.11
802.11g	SISO	2412	1	-16.74
		2437	1	-16.31
		2462	1	-16.79
802.11n (HT20)	SISO	2412	1	-16.84
		2437	1	-16.35
		2462	1	-16.74
802.11n (HT40)	SISO	2422	1	-20.79
		2437	1	-20.60
		2452	1	-20.74

5.1.2 CSE

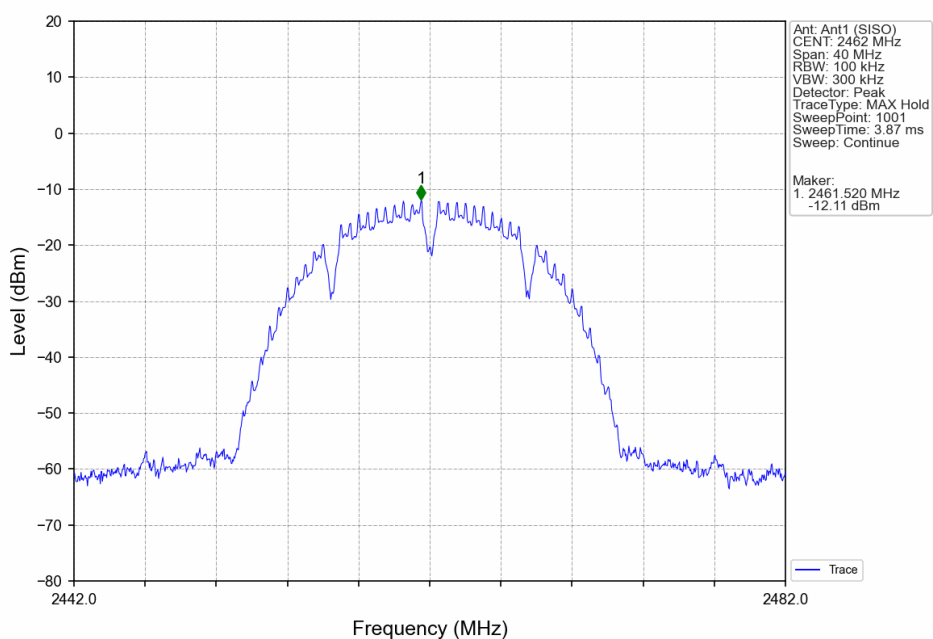
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	-11.42	-31.42	Pass
		2437	1	-11.42	-31.42	Pass
		2462	1	-11.42	-31.42	Pass
802.11g	SISO	2412	1	-16.31	-36.31	Pass
		2437	1	-16.31	-36.31	Pass
		2462	1	-16.31	-36.31	Pass
802.11n (HT20)	SISO	2412	1	-16.35	-36.35	Pass
		2437	1	-16.35	-36.35	Pass
		2462	1	-16.35	-36.35	Pass
802.11n (HT40)	SISO	2422	1	-20.60	-40.60	Pass
		2437	1	-20.60	-40.60	Pass
		2452	1	-20.60	-40.60	Pass

5.2 Test Graph

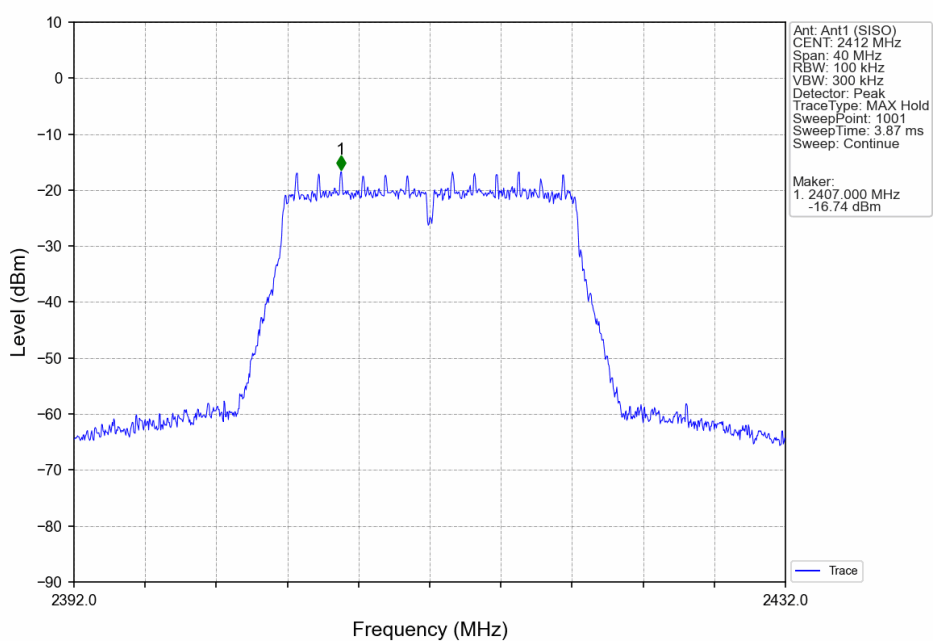
5.2.1 Ref



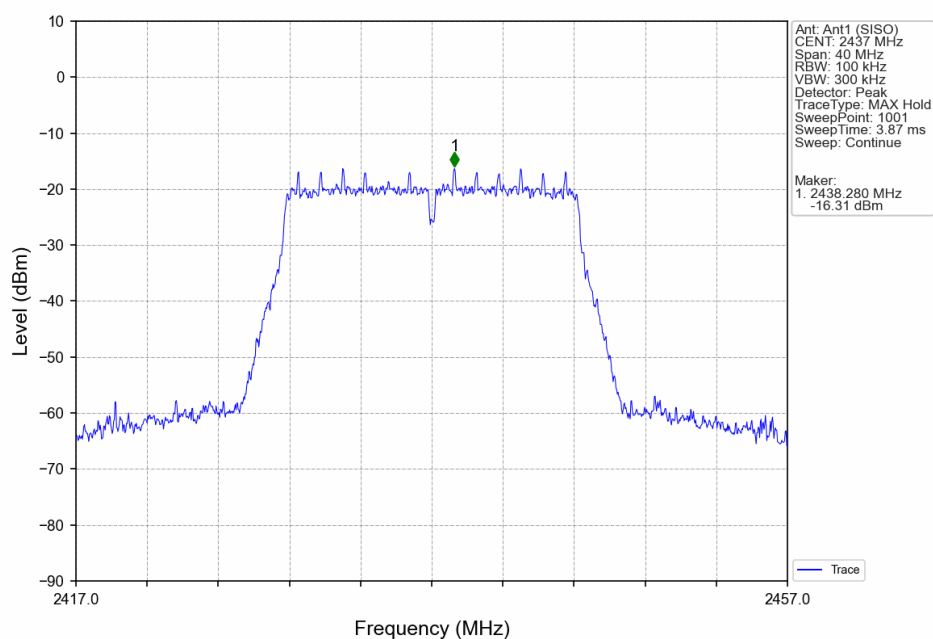
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



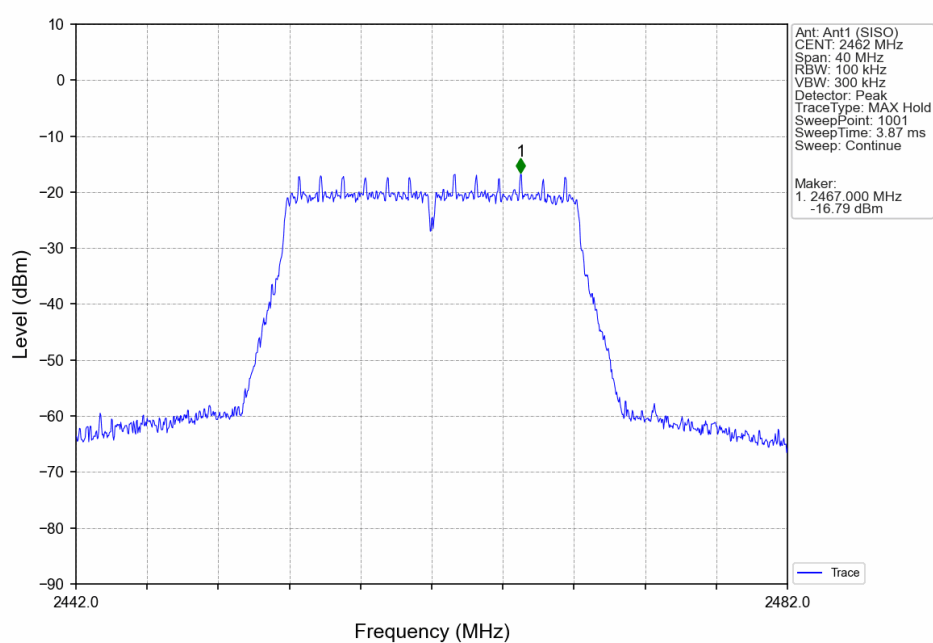
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



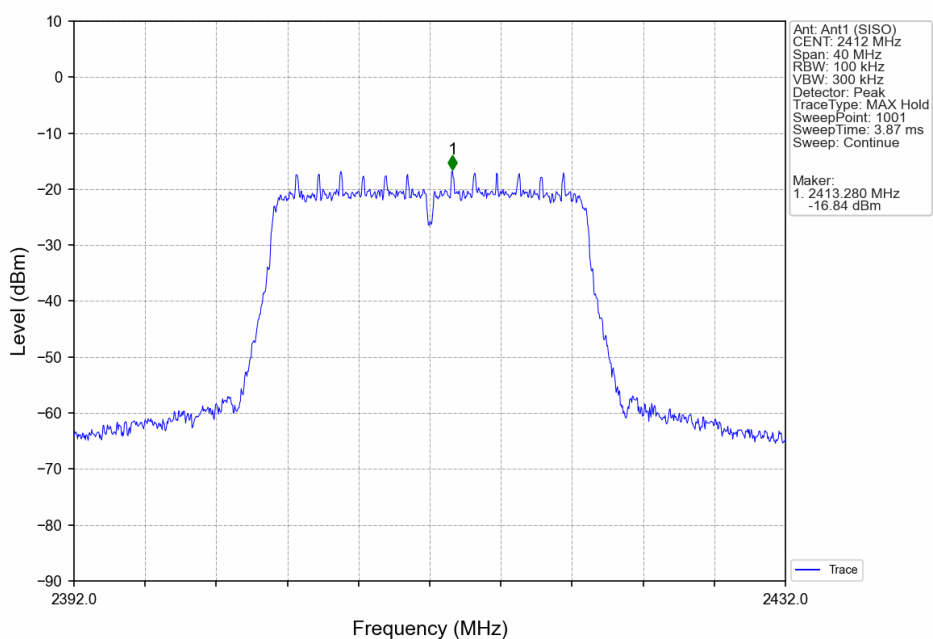
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



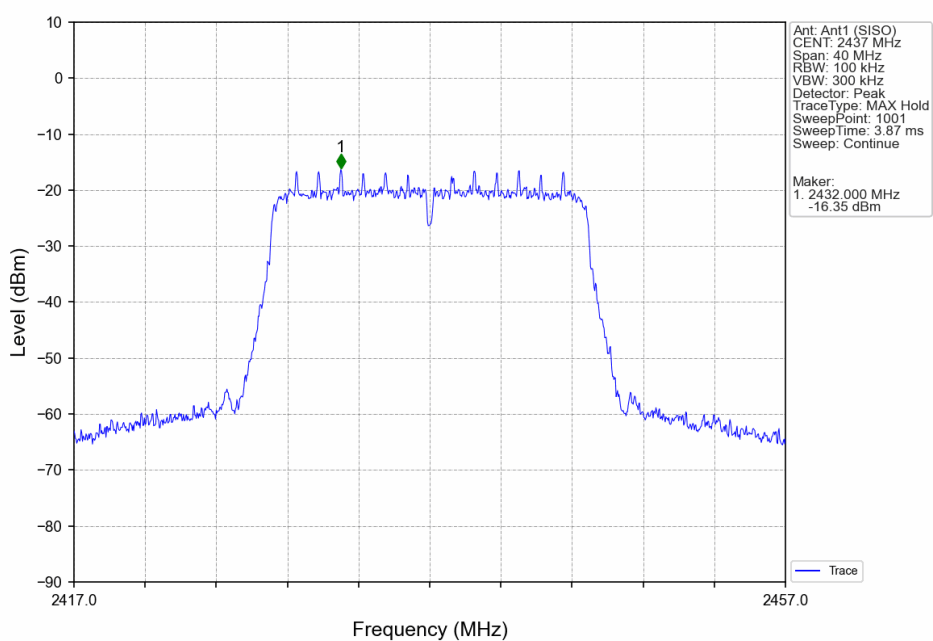
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



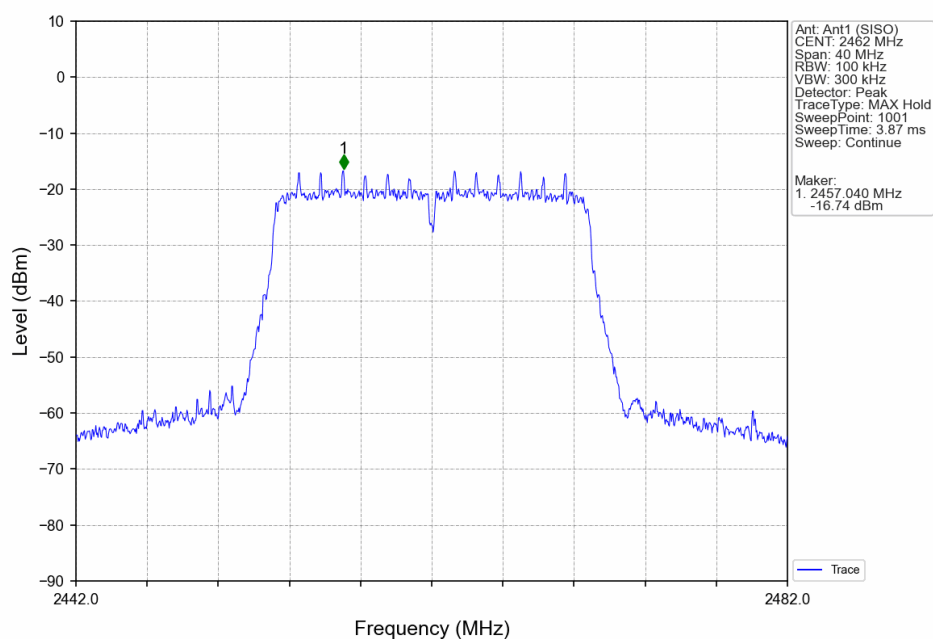
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



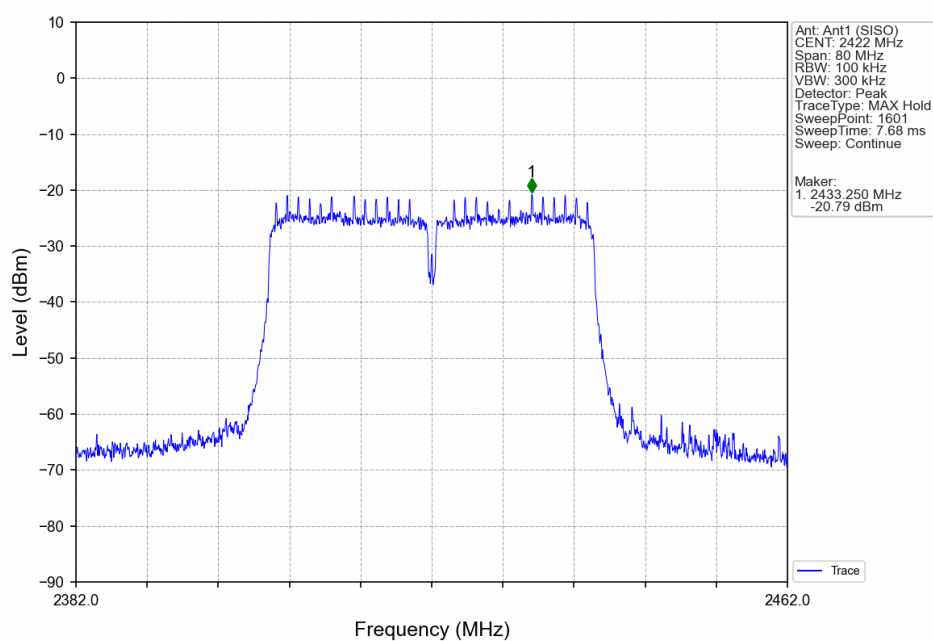
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



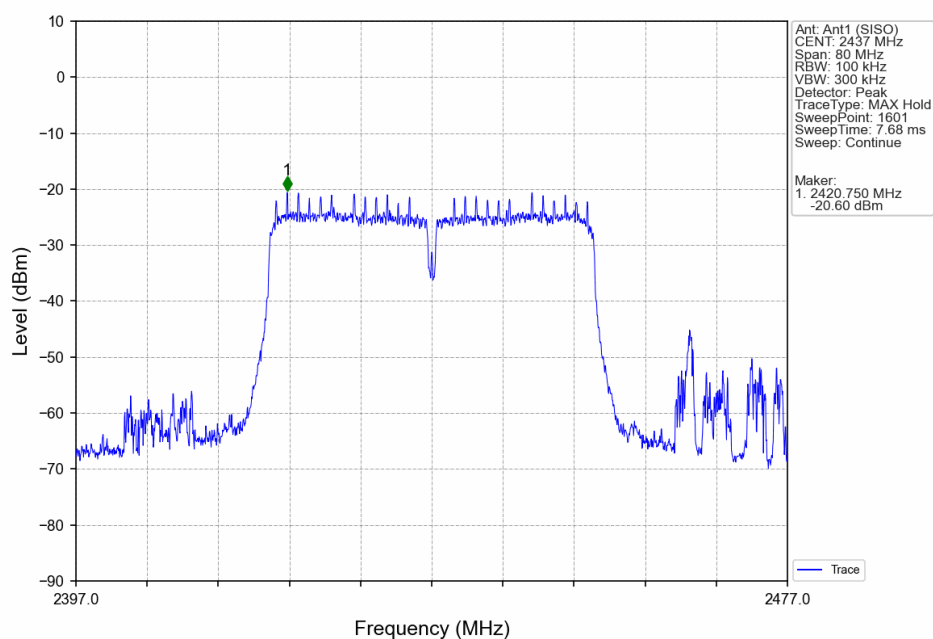
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



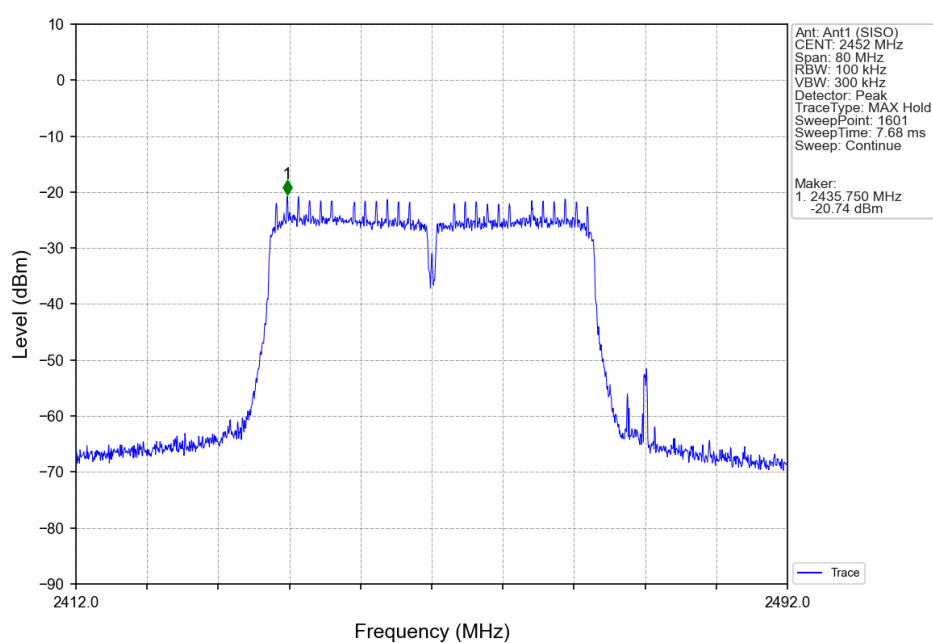
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



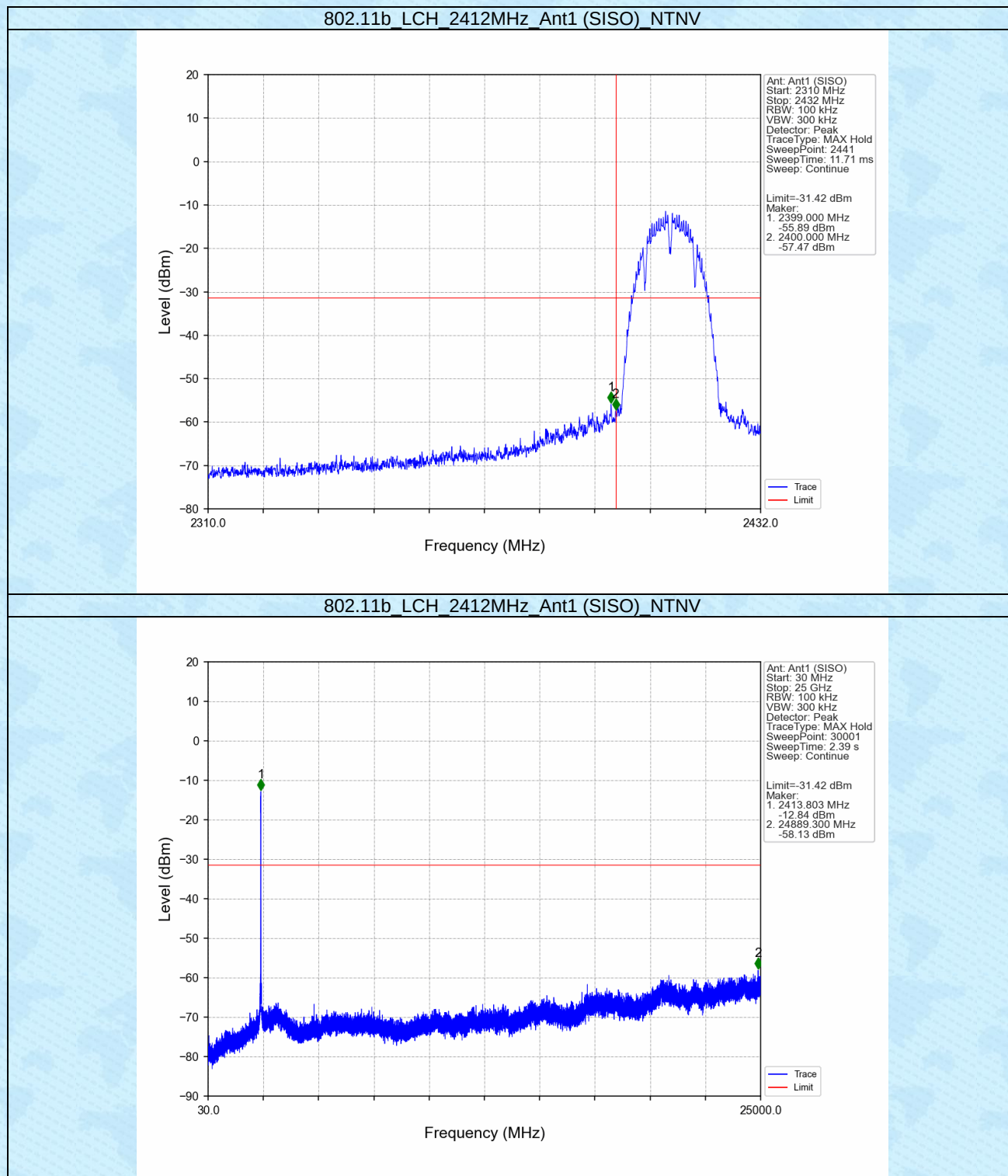
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



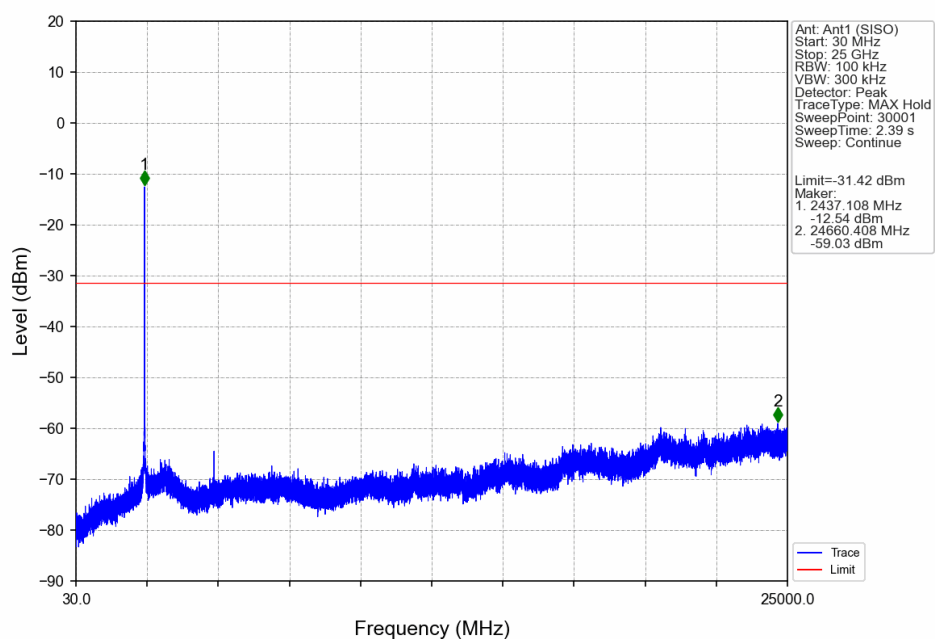
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



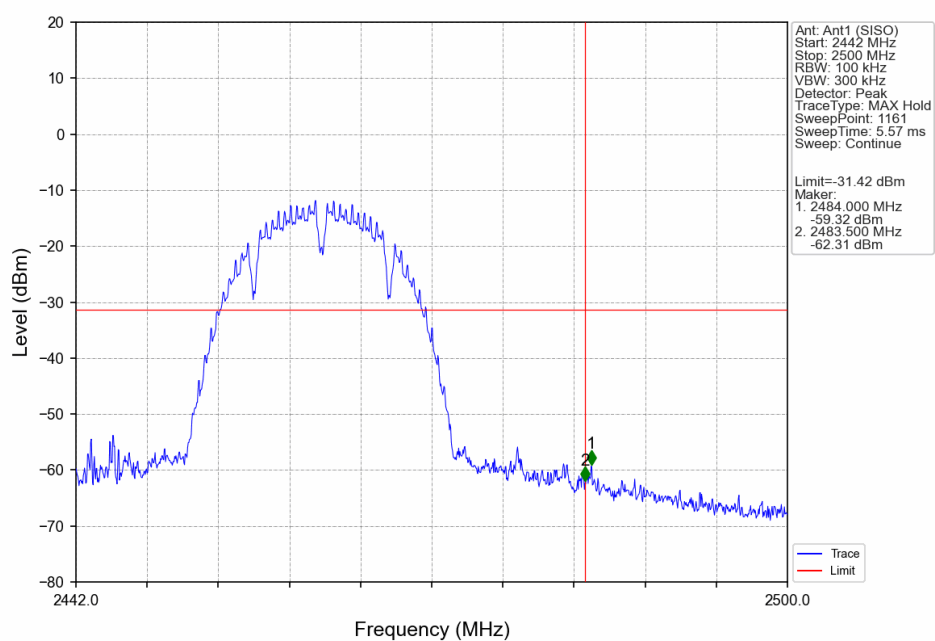
5.2.2 CSE



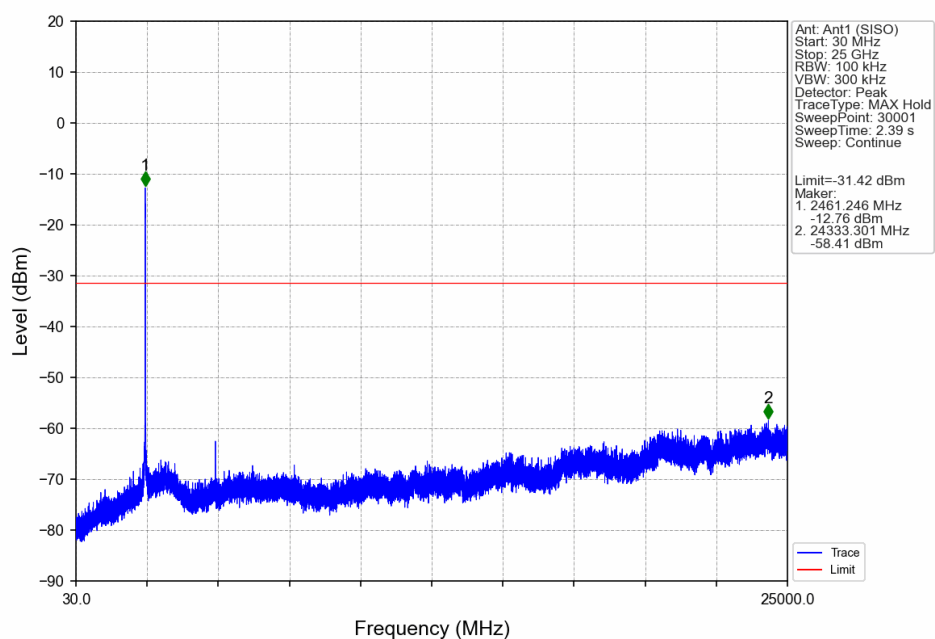
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



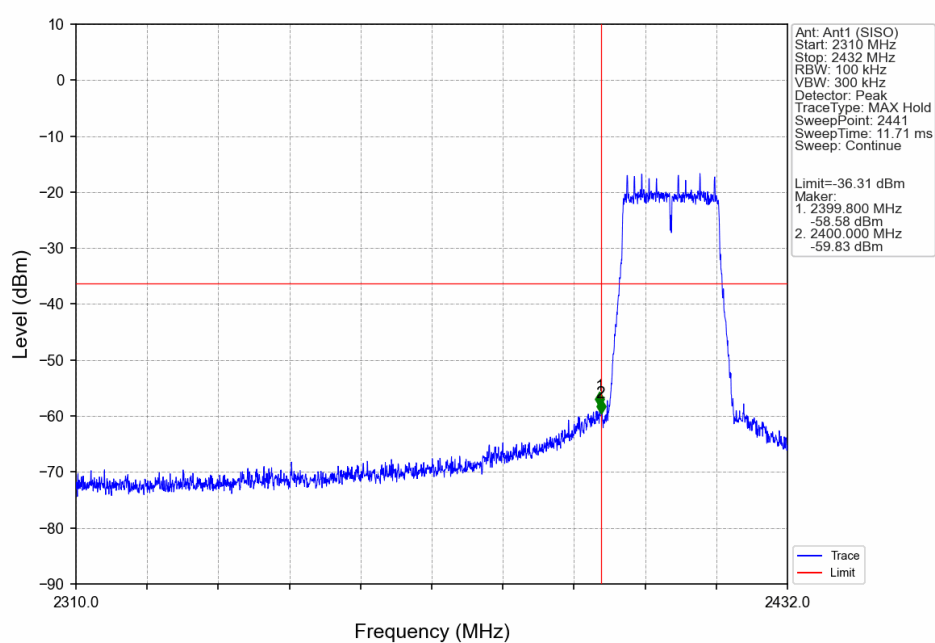
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



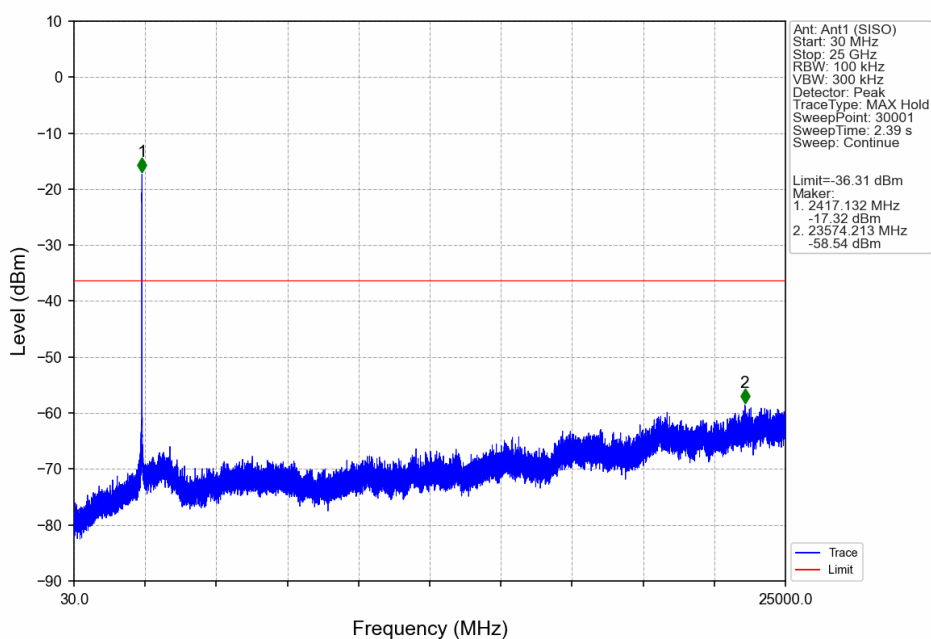
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



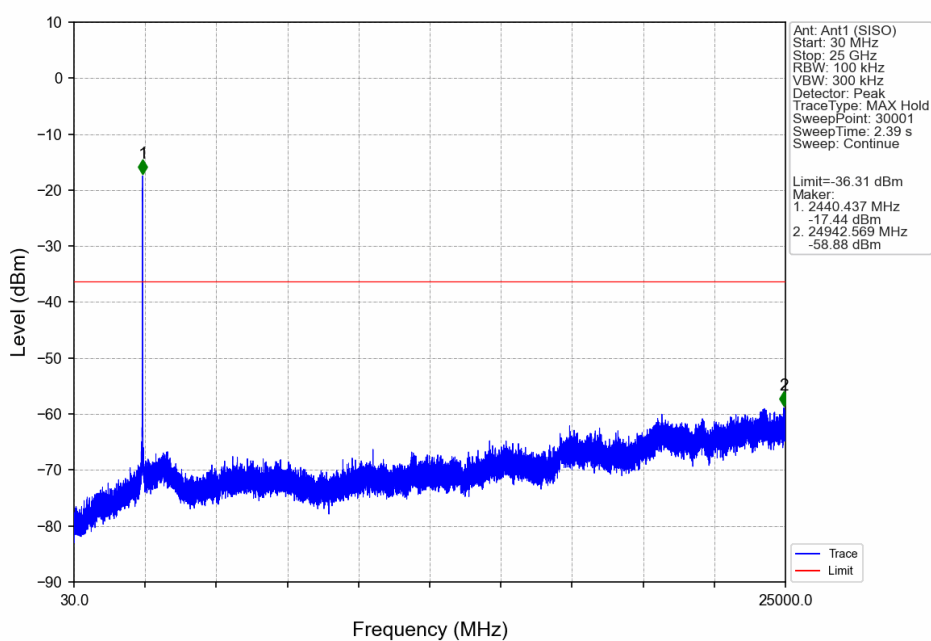
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



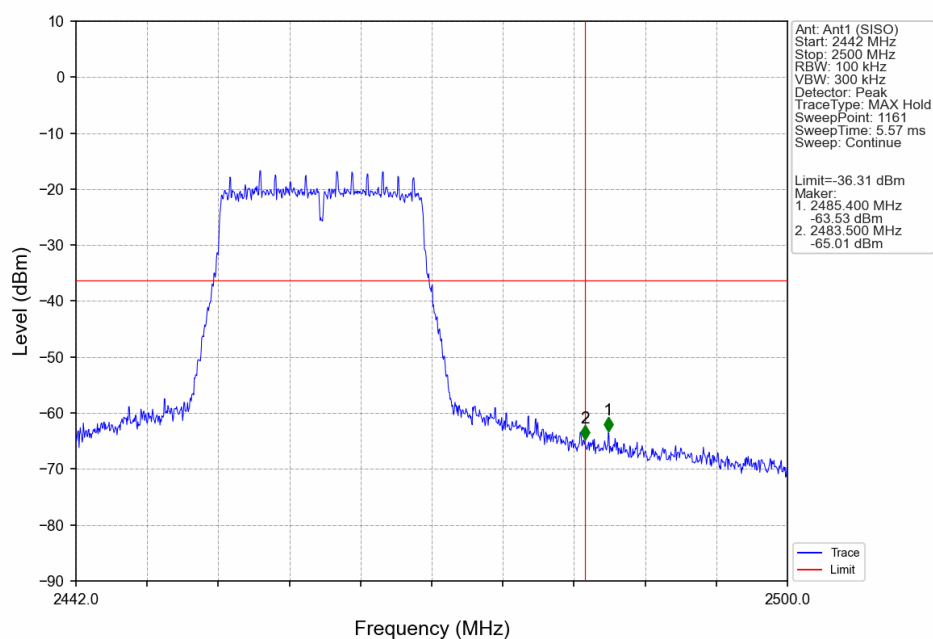
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



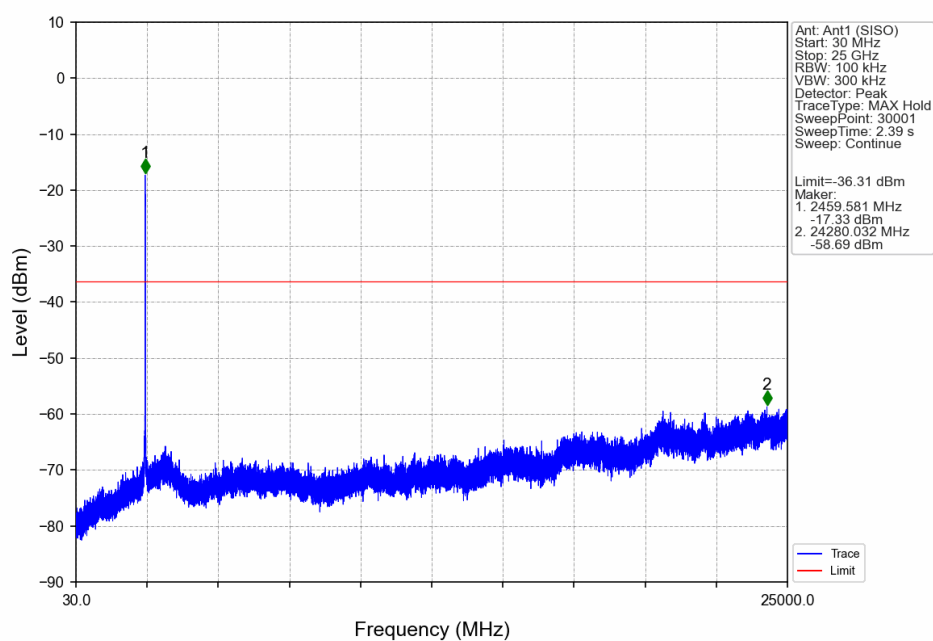
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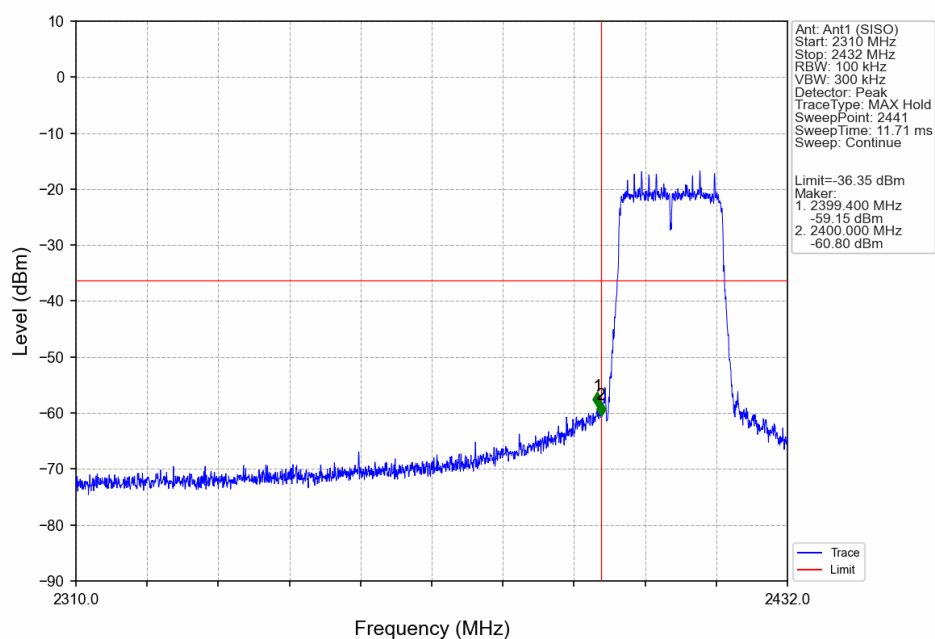
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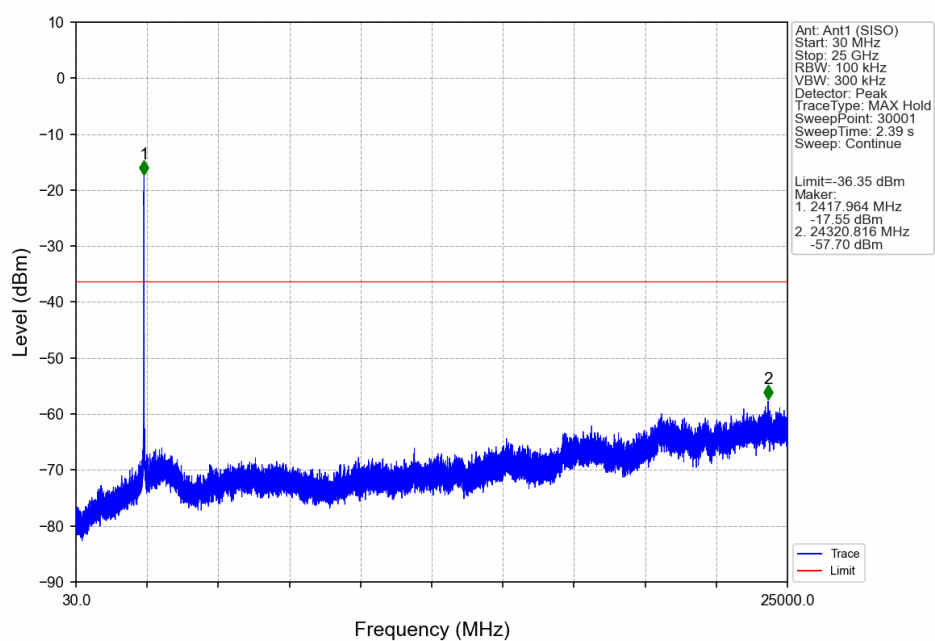
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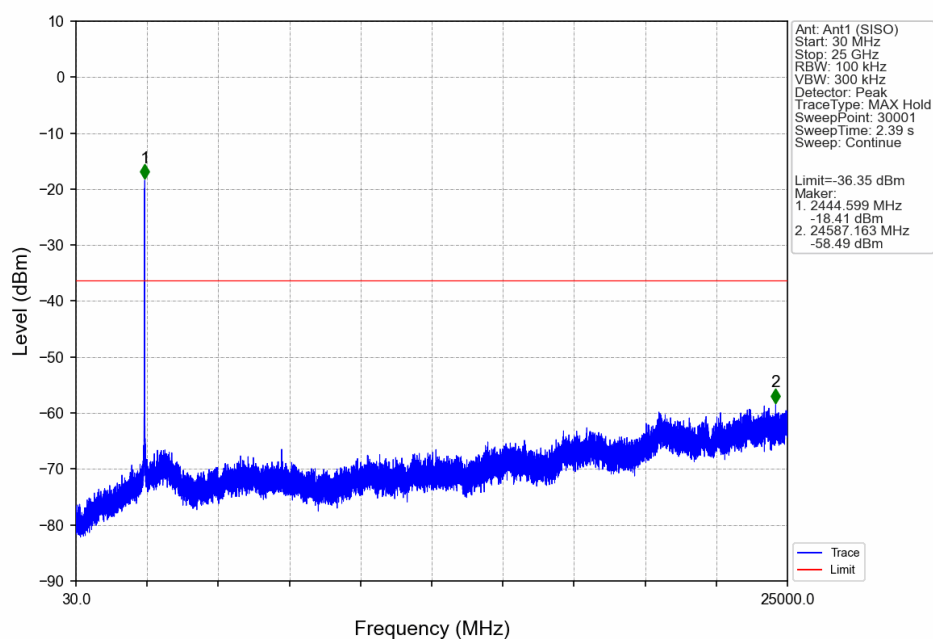
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



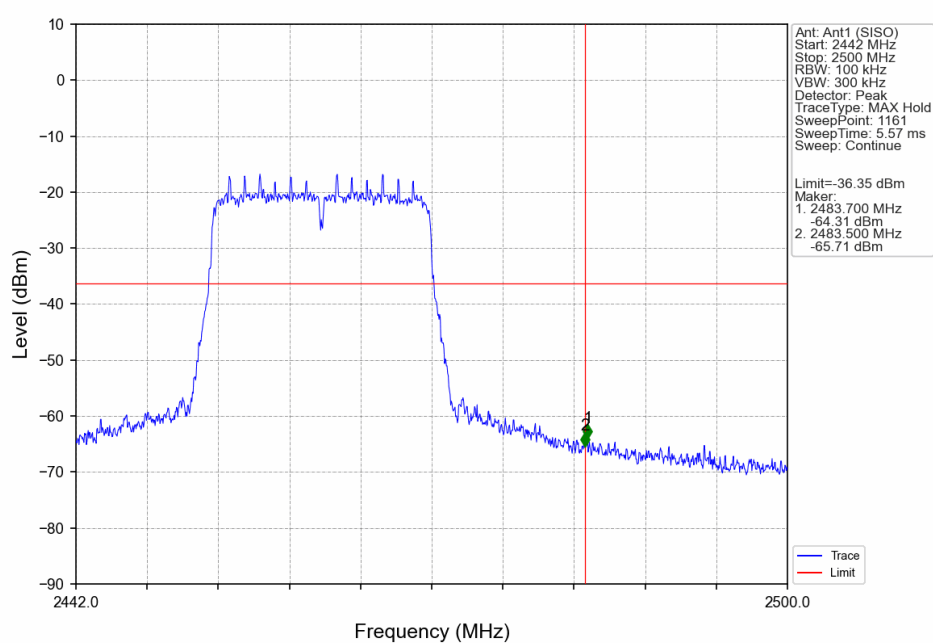
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



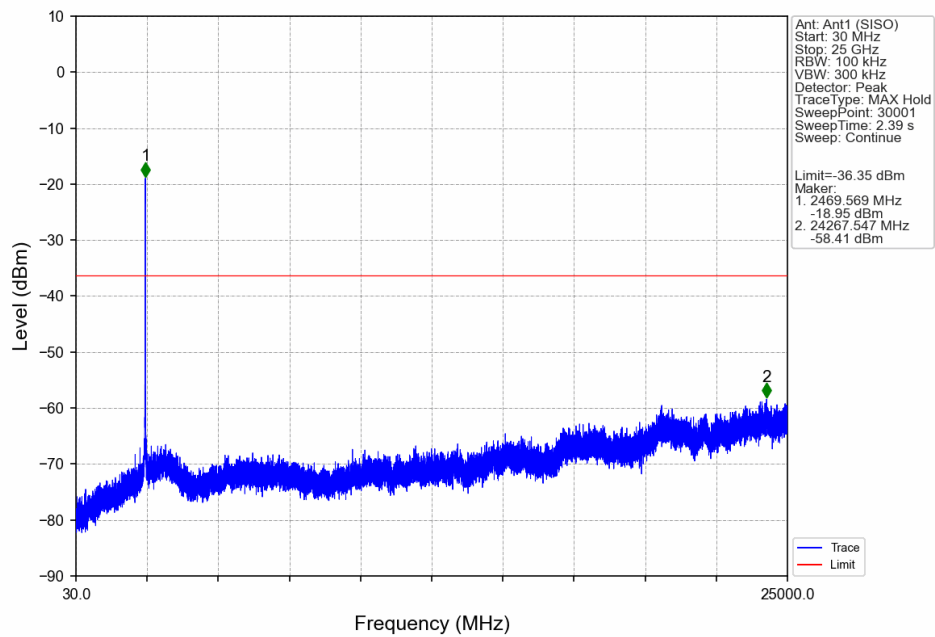
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



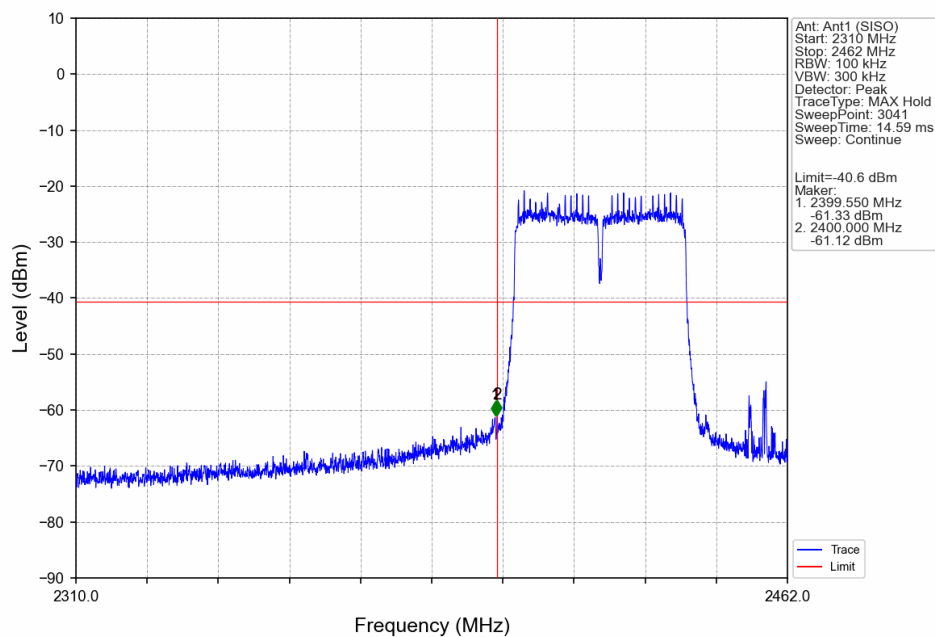
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



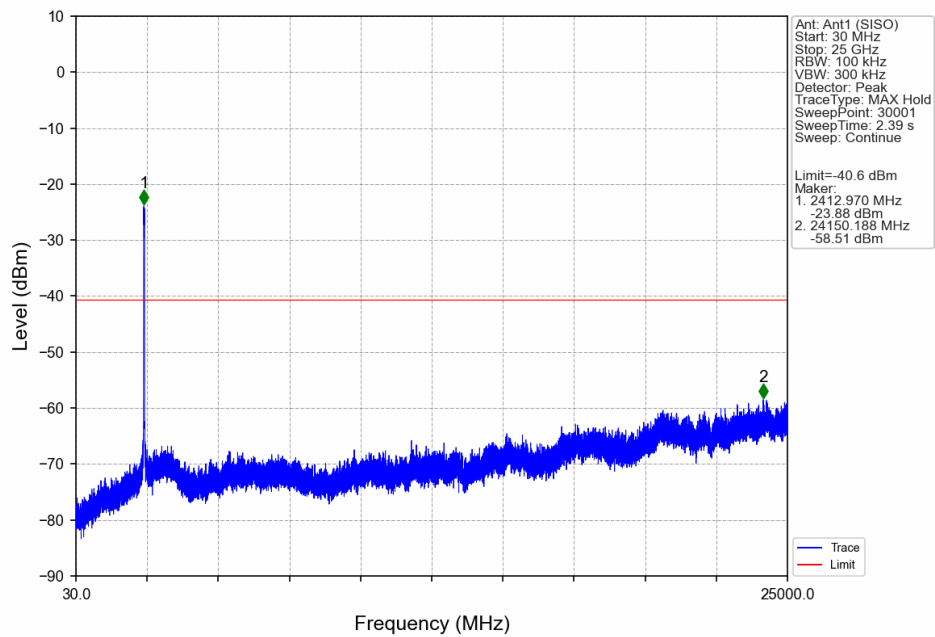
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



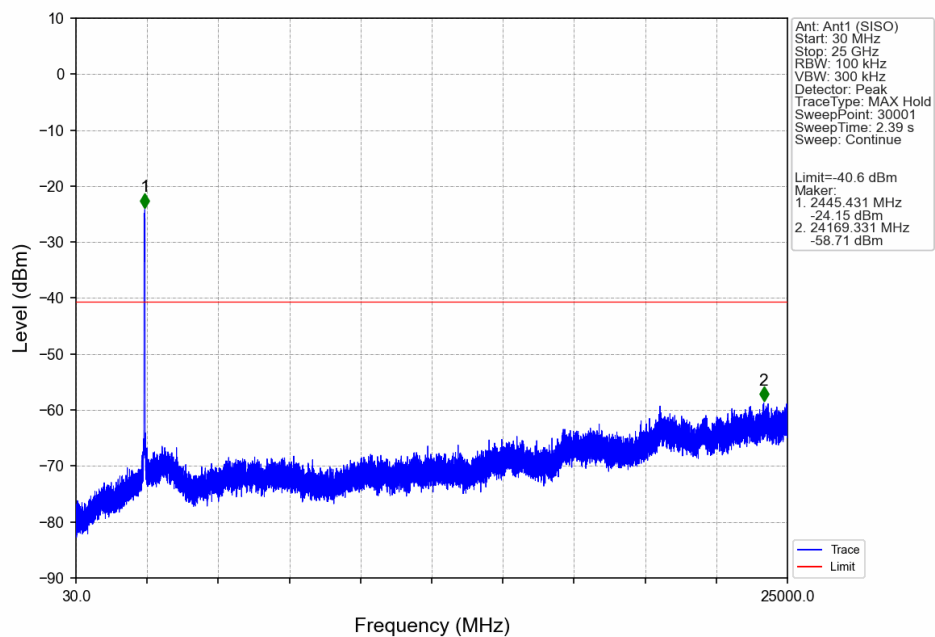
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



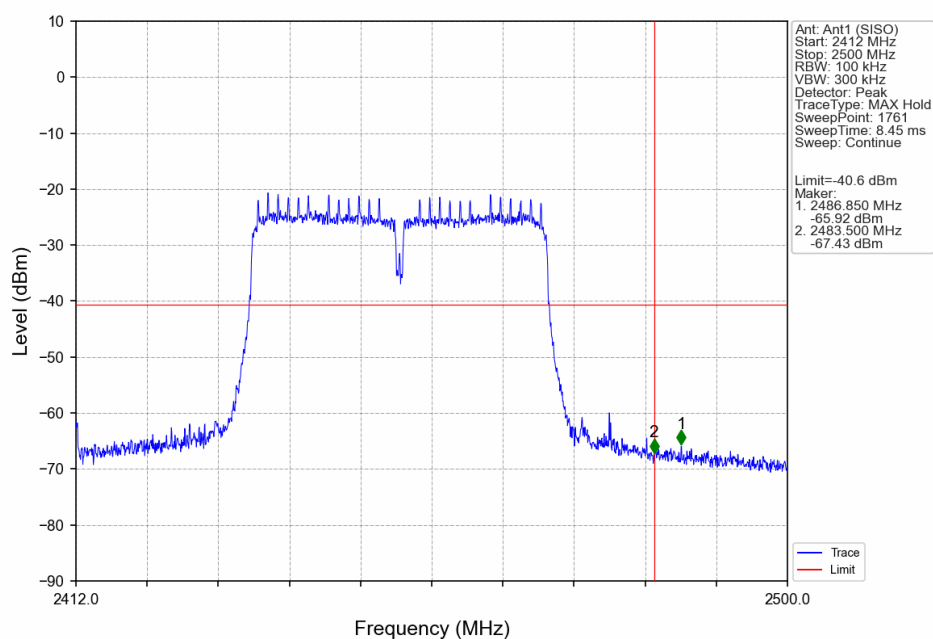
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



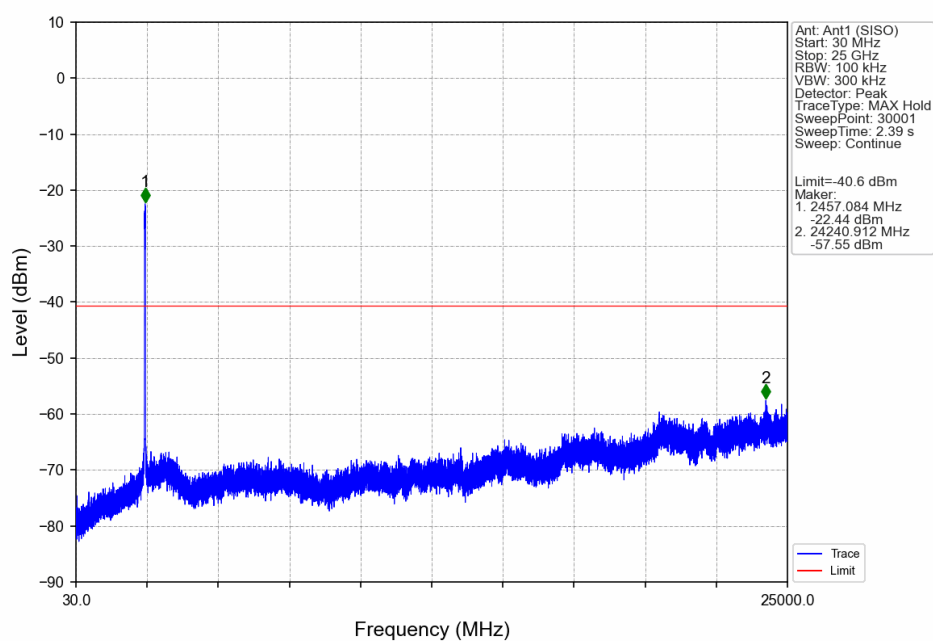
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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