

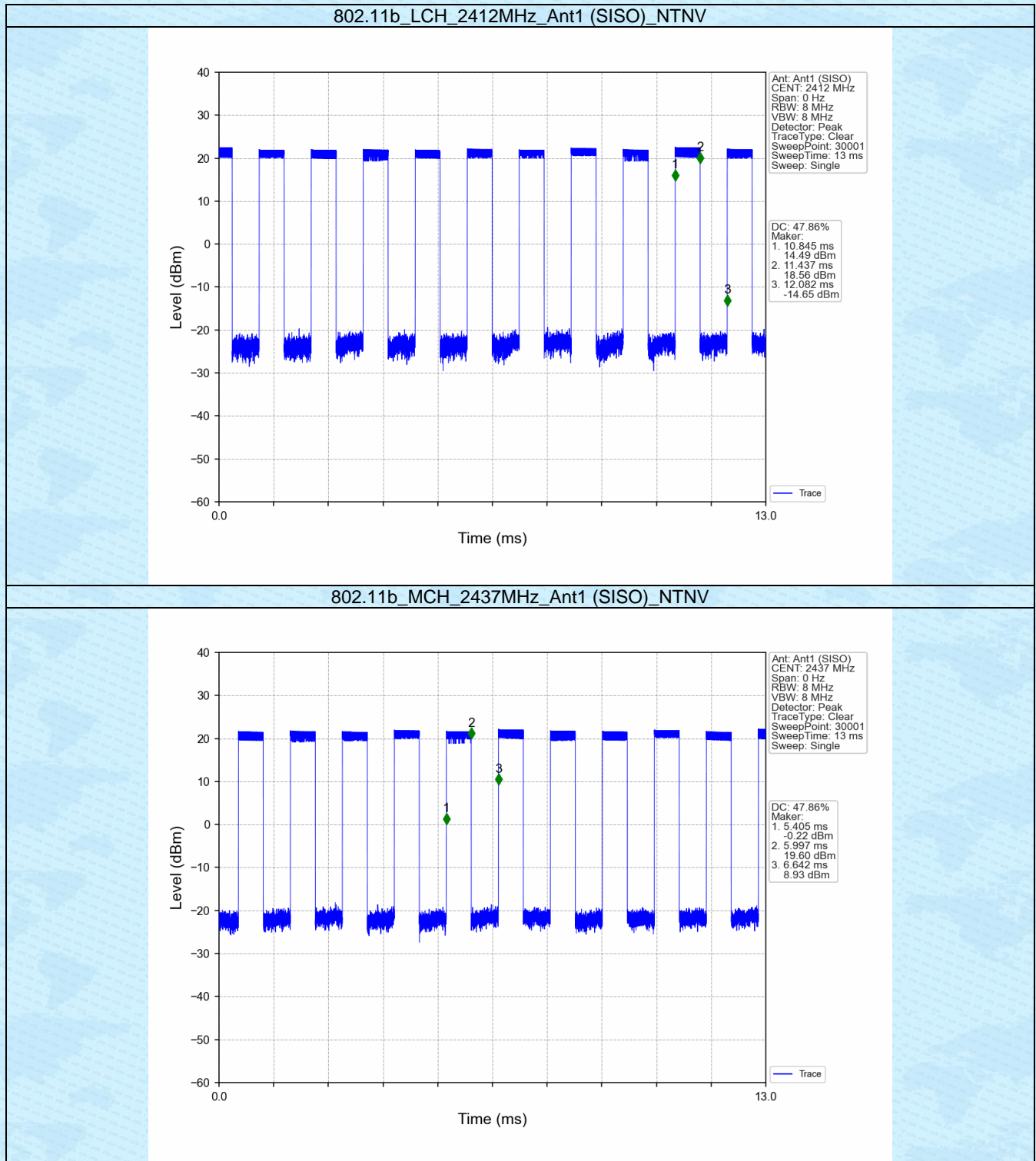
1. Duty Cycle

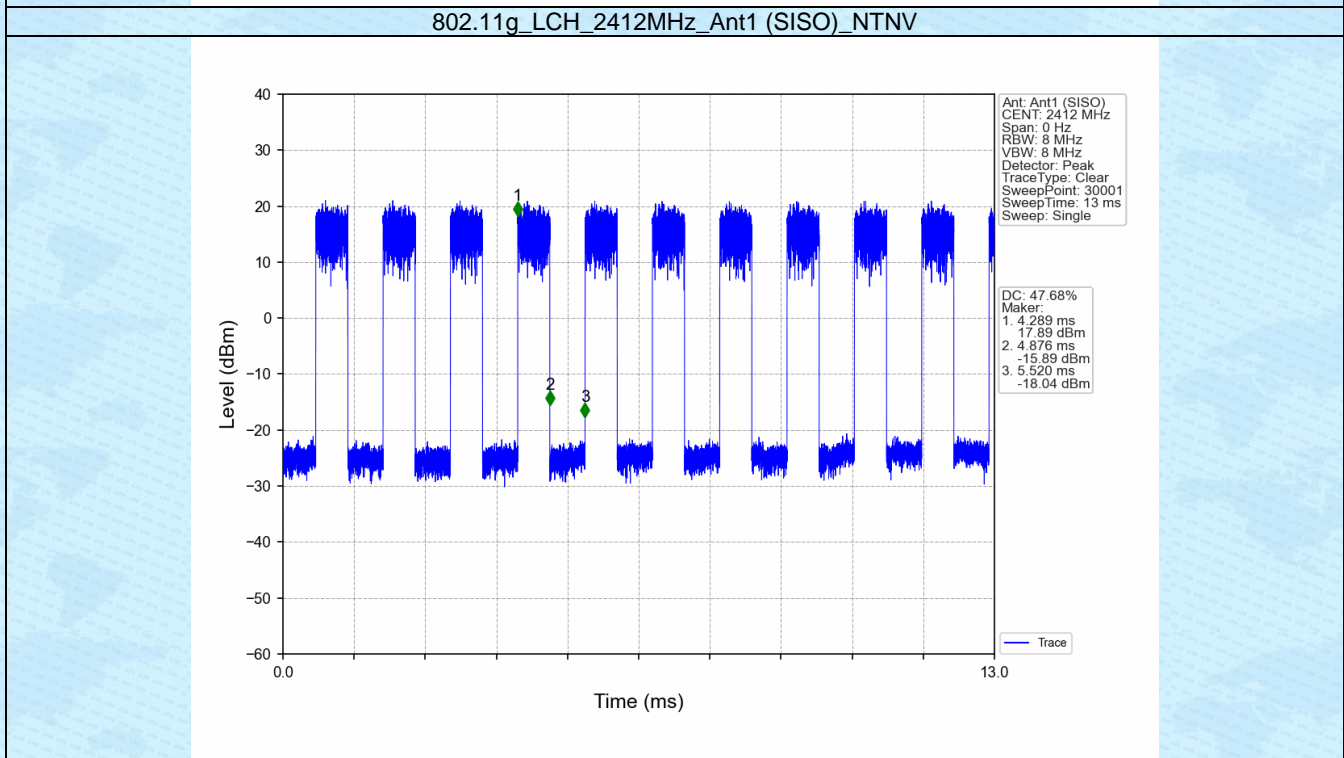
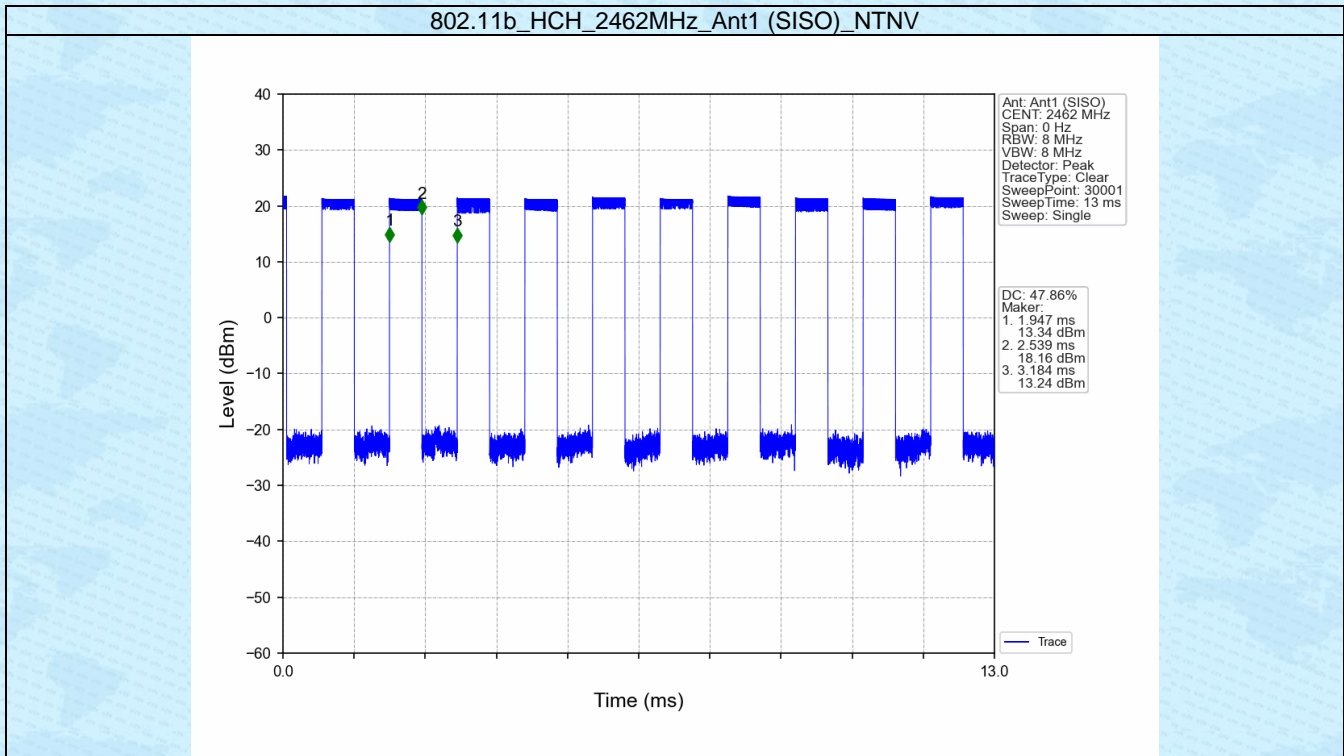
1.1 Ant1

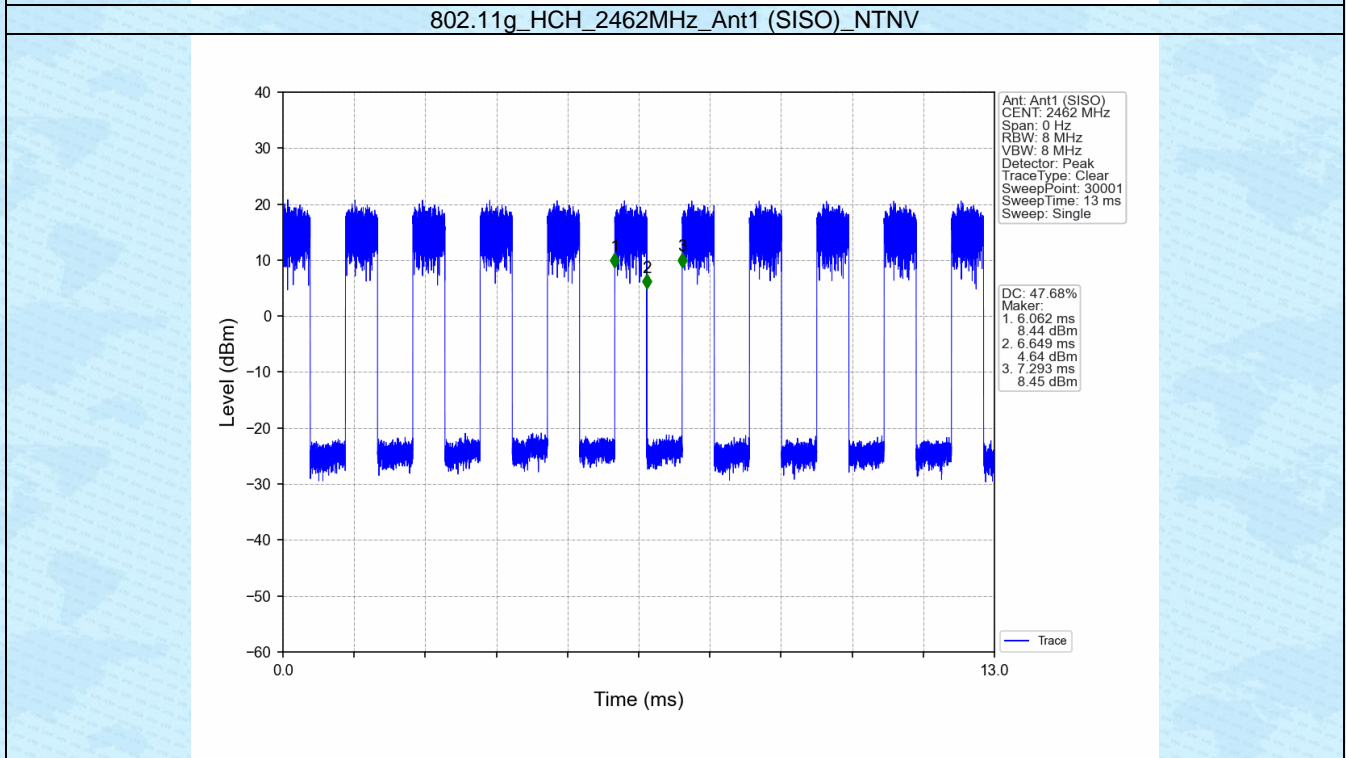
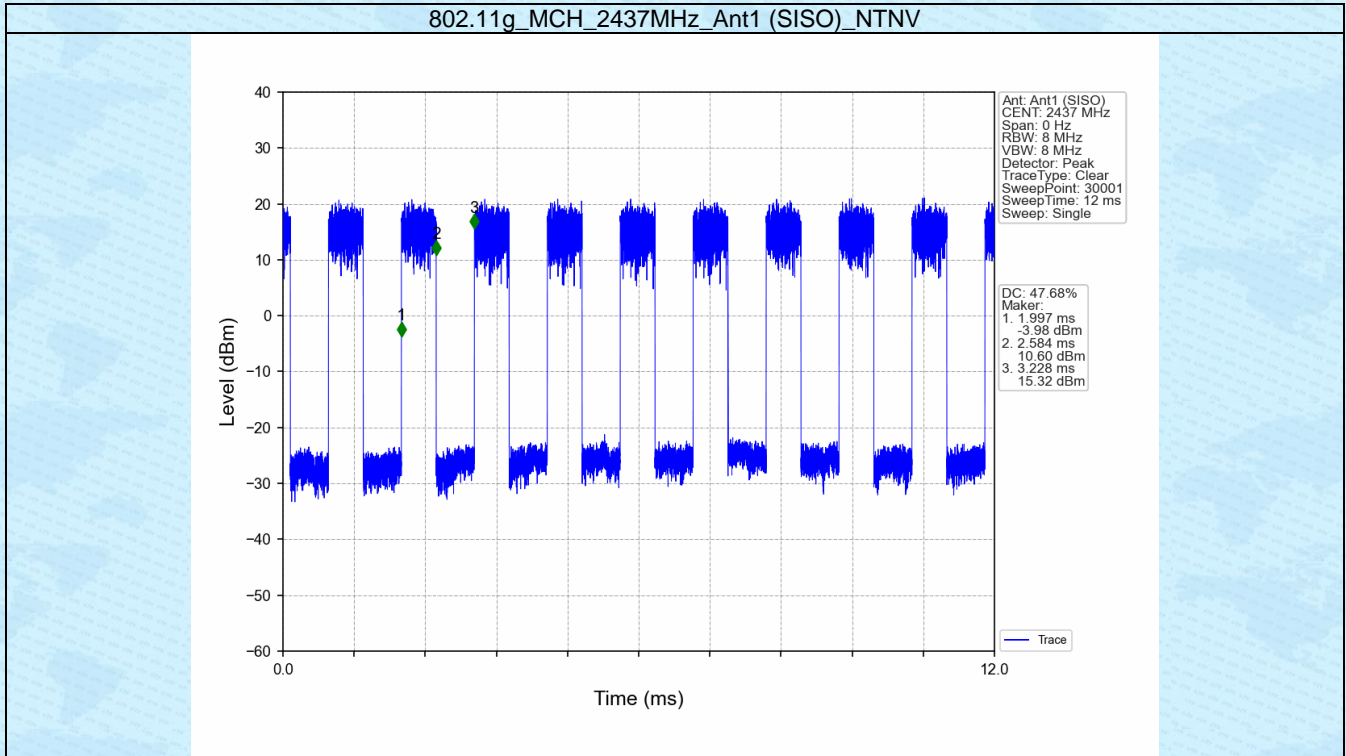
1.1.1 Test Result

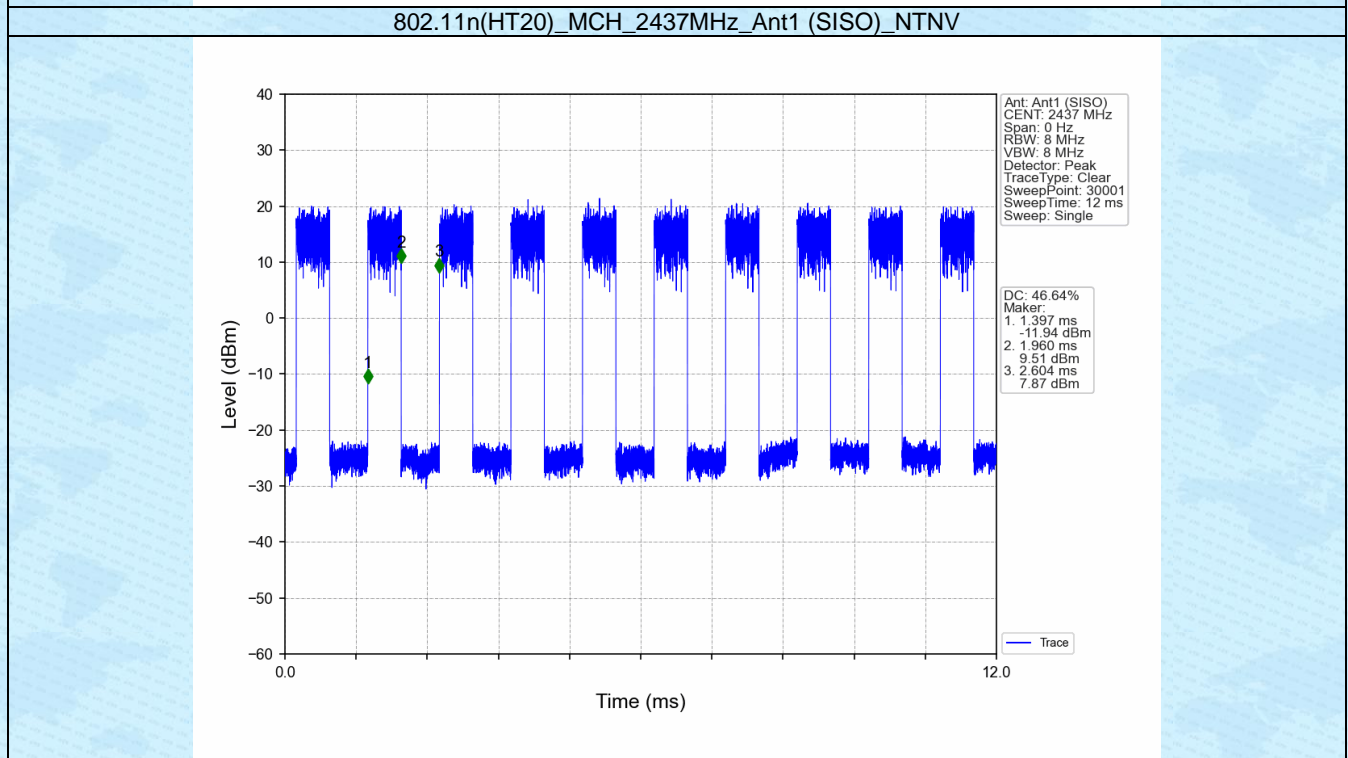
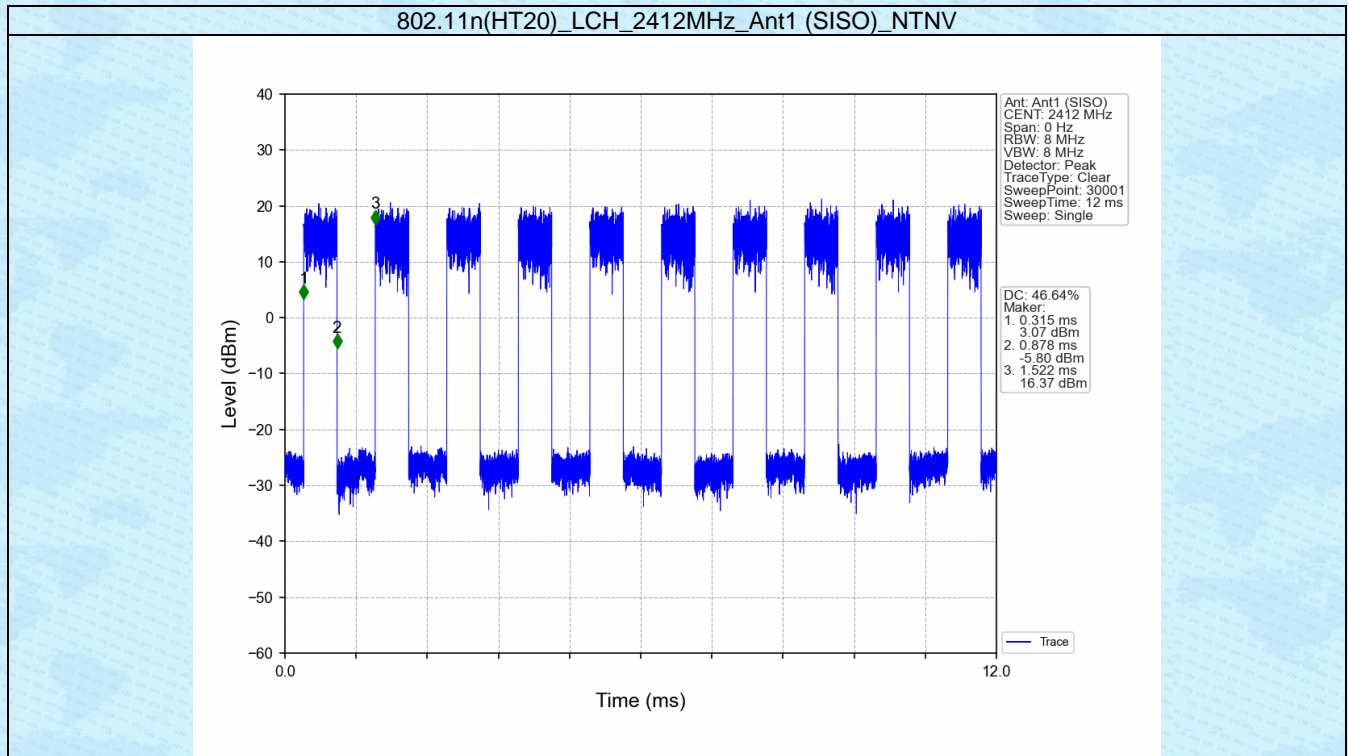
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	0.592	1.237	47.86	3.20	0.05
		2437	0.592	1.237	47.86	3.20	0.07
		2462	0.592	1.237	47.86	3.20	0.07
802.11g	SISO	2412	0.587	1.231	47.68	3.22	0.05
		2437	0.587	1.231	47.68	3.22	0.05
		2462	0.587	1.231	47.68	3.22	0.07
802.11n (HT20)	SISO	2412	0.563	1.207	46.64	3.31	0.02
		2437	0.563	1.207	46.64	3.31	0.02
		2462	0.563	1.208	46.61	3.32	0.02
802.11n (HT40)	SISO	2422	0.583	1.227	47.51	3.23	0.05
		2437	0.583	1.227	47.51	3.23	0.05
		2452	0.583	1.227	47.51	3.23	0.05

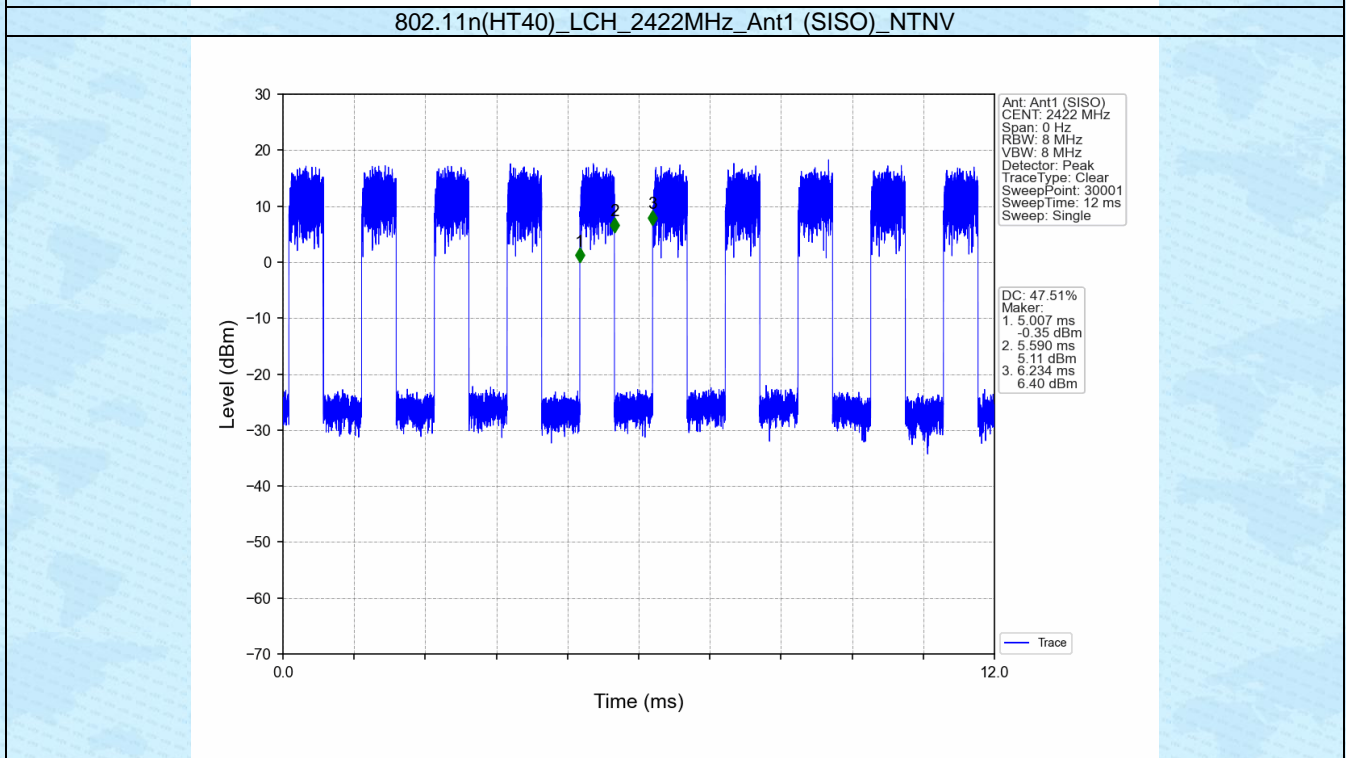
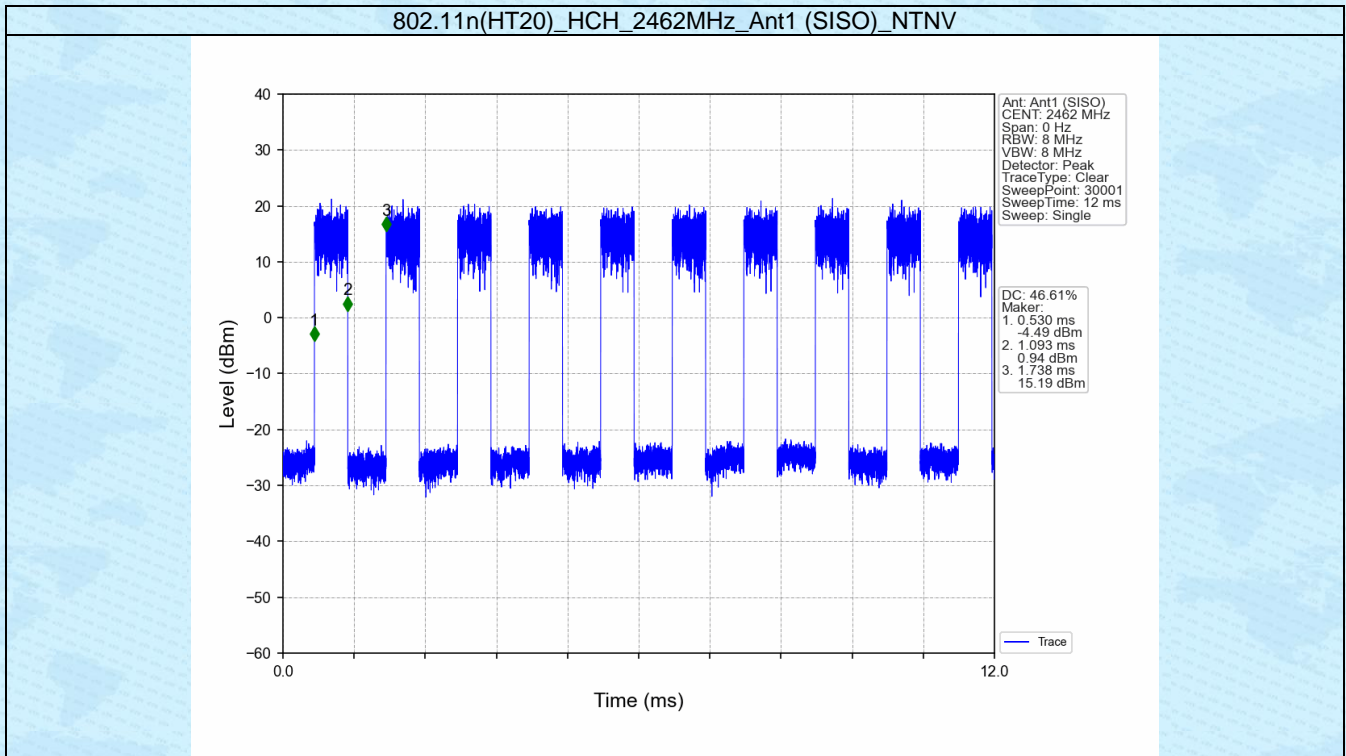
1.1.2 Test Graph

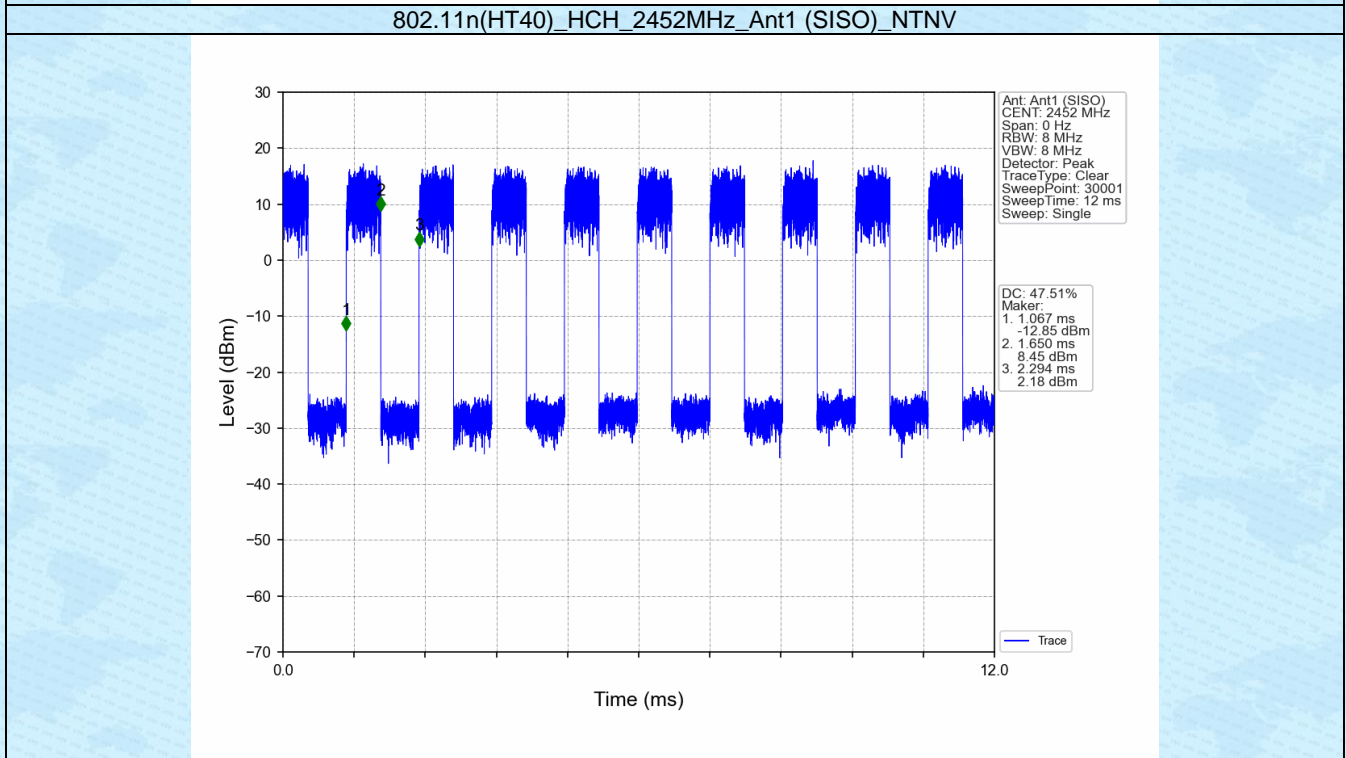
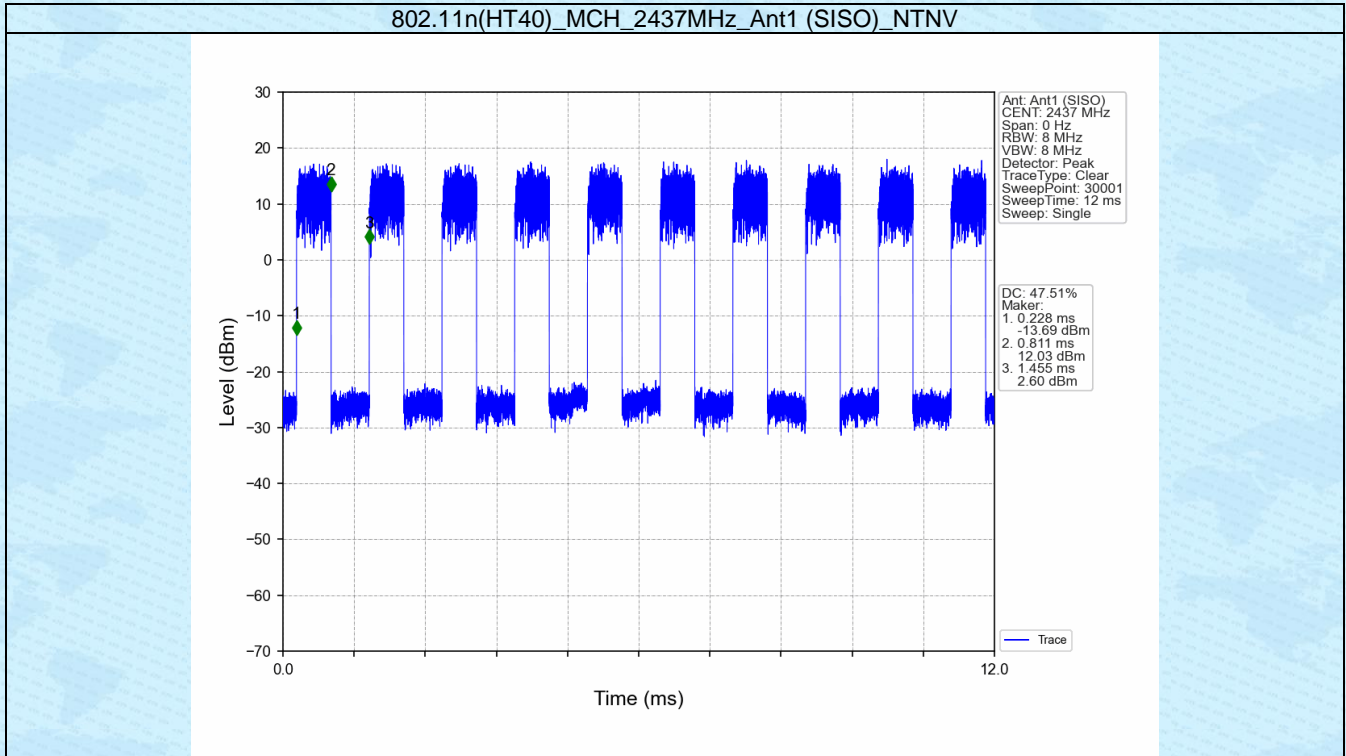












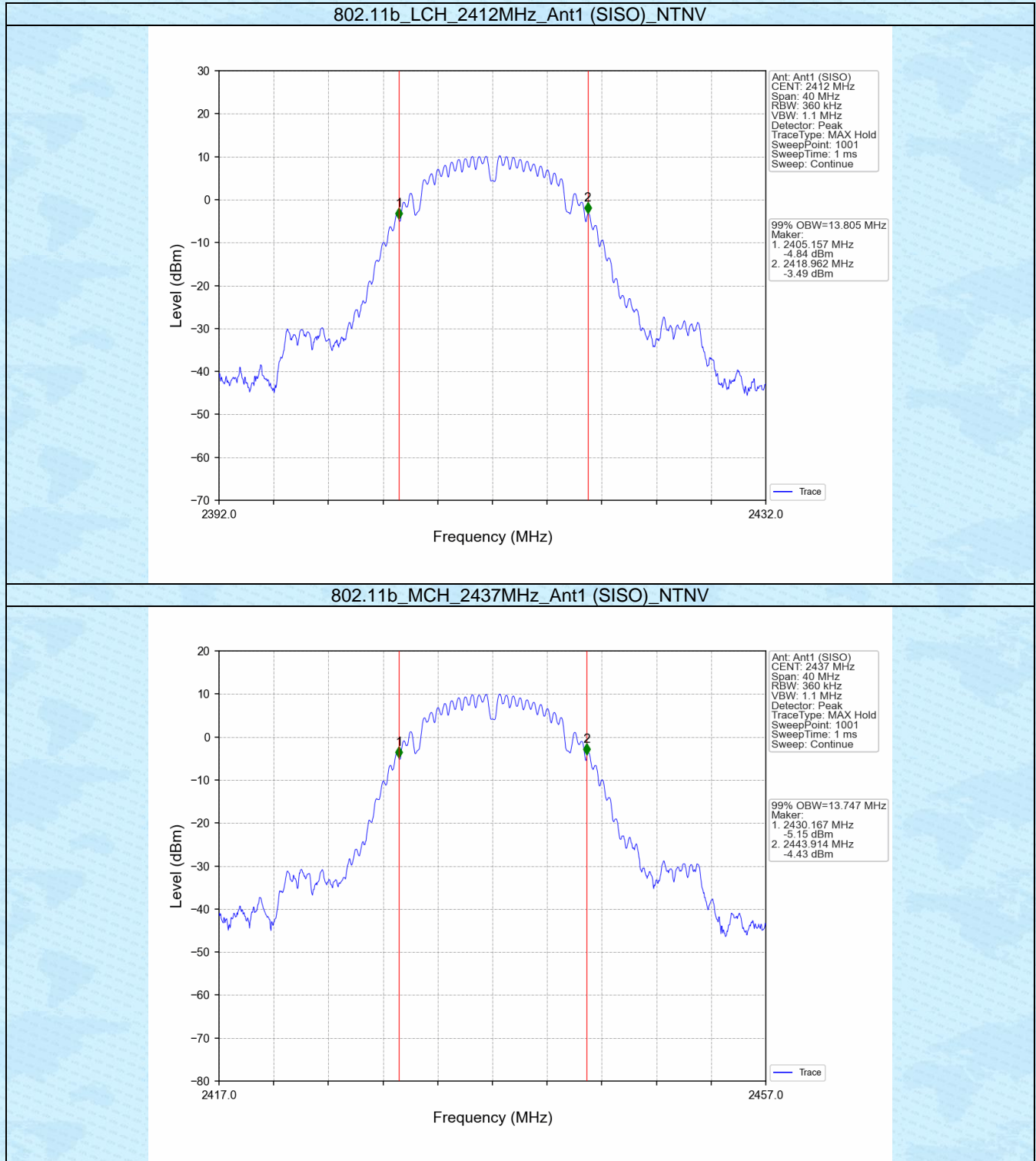
2. Bandwidth

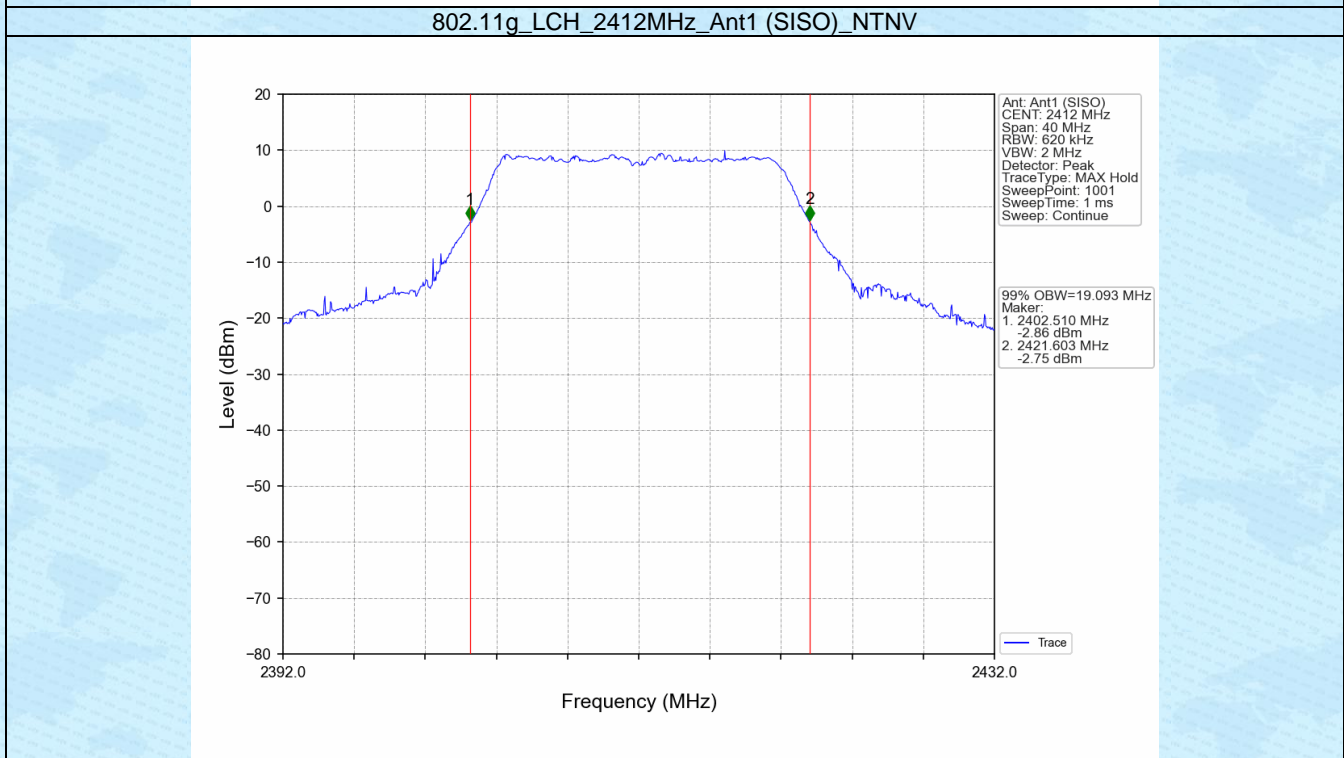
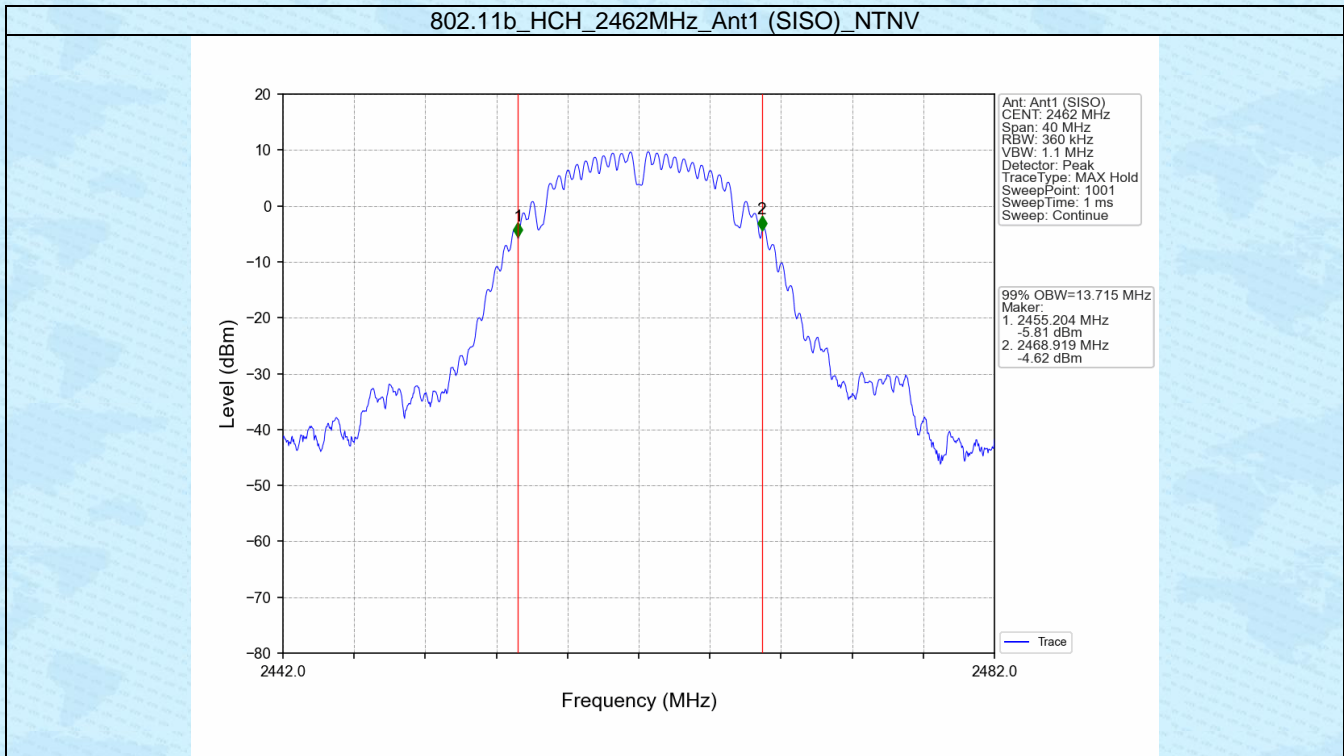
2.1 OBW

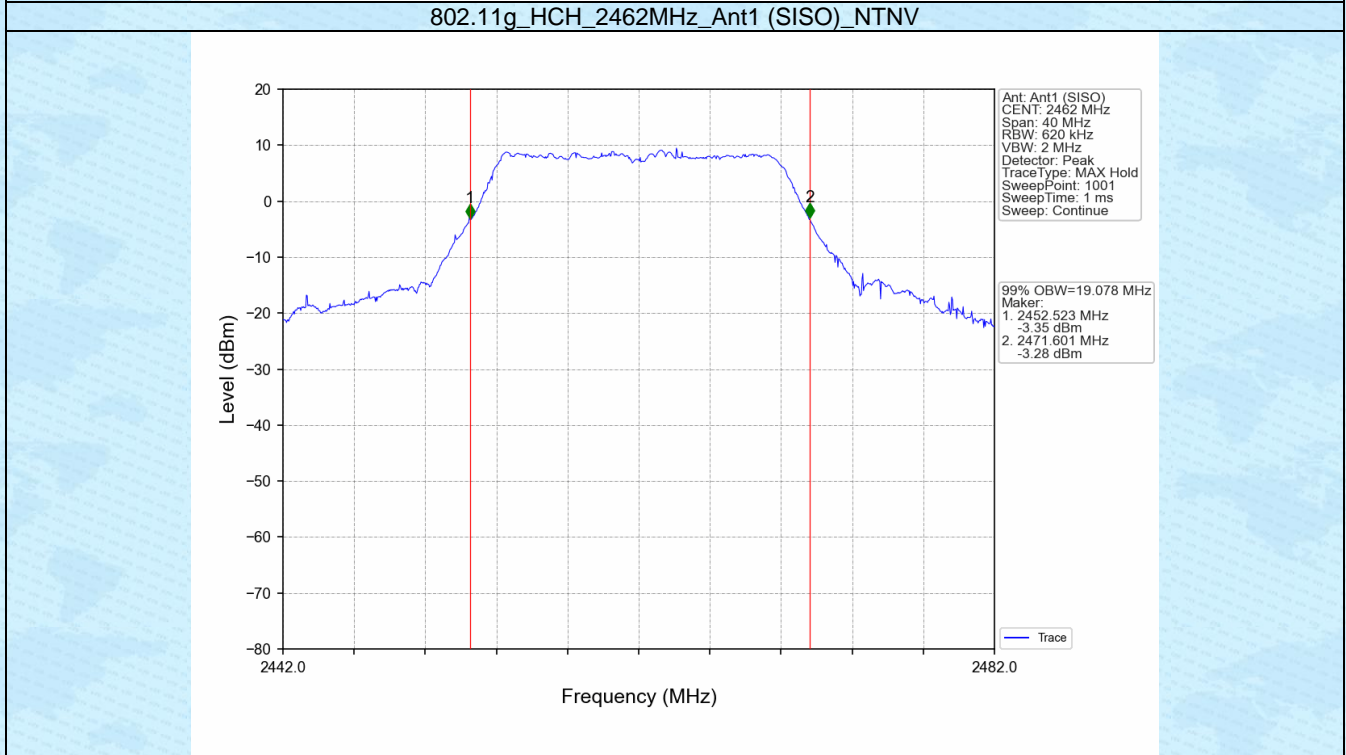
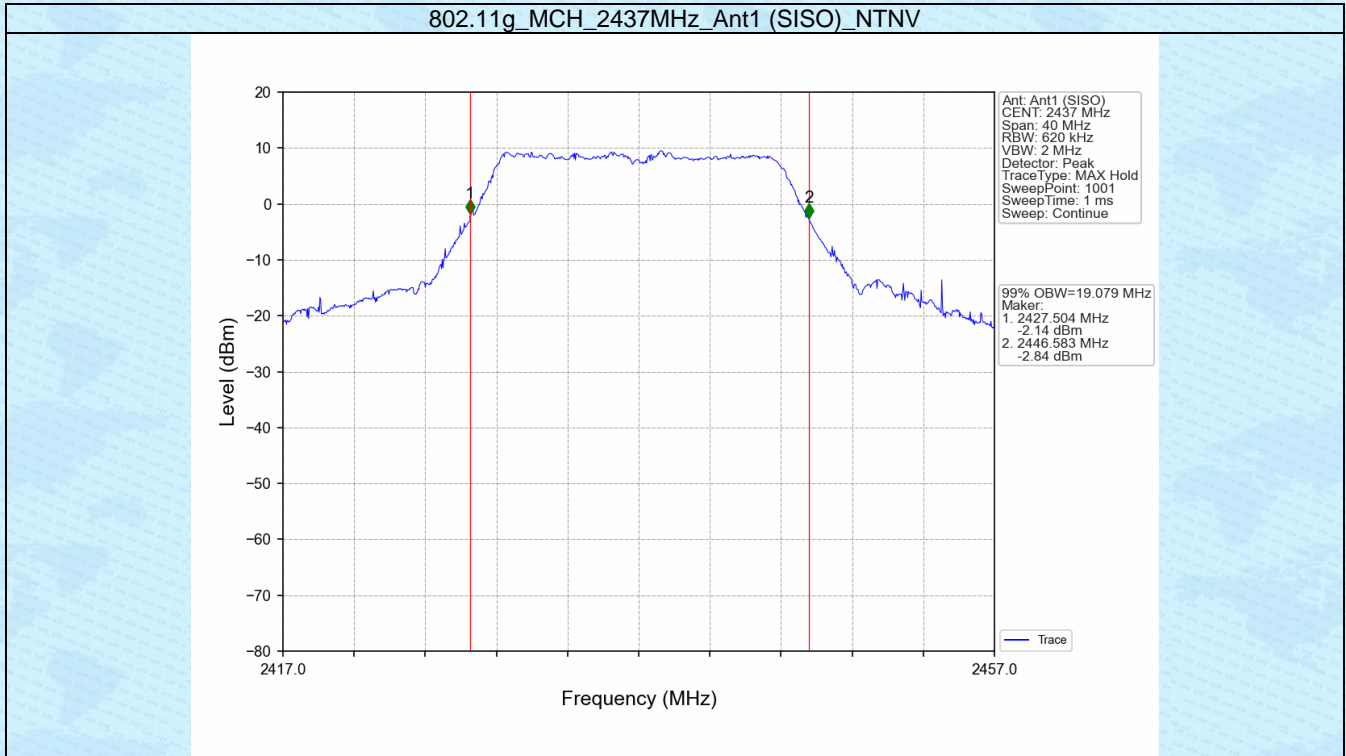
2.1.1 Test Result

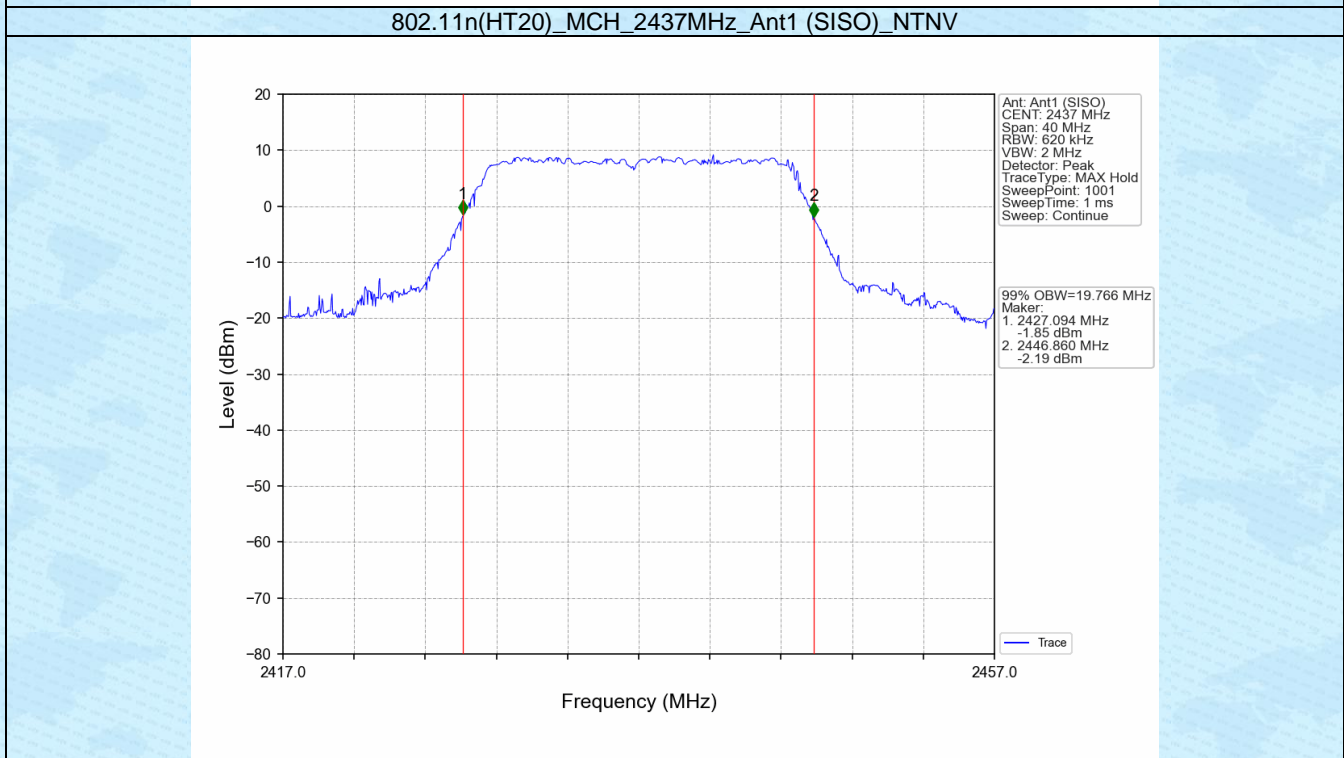
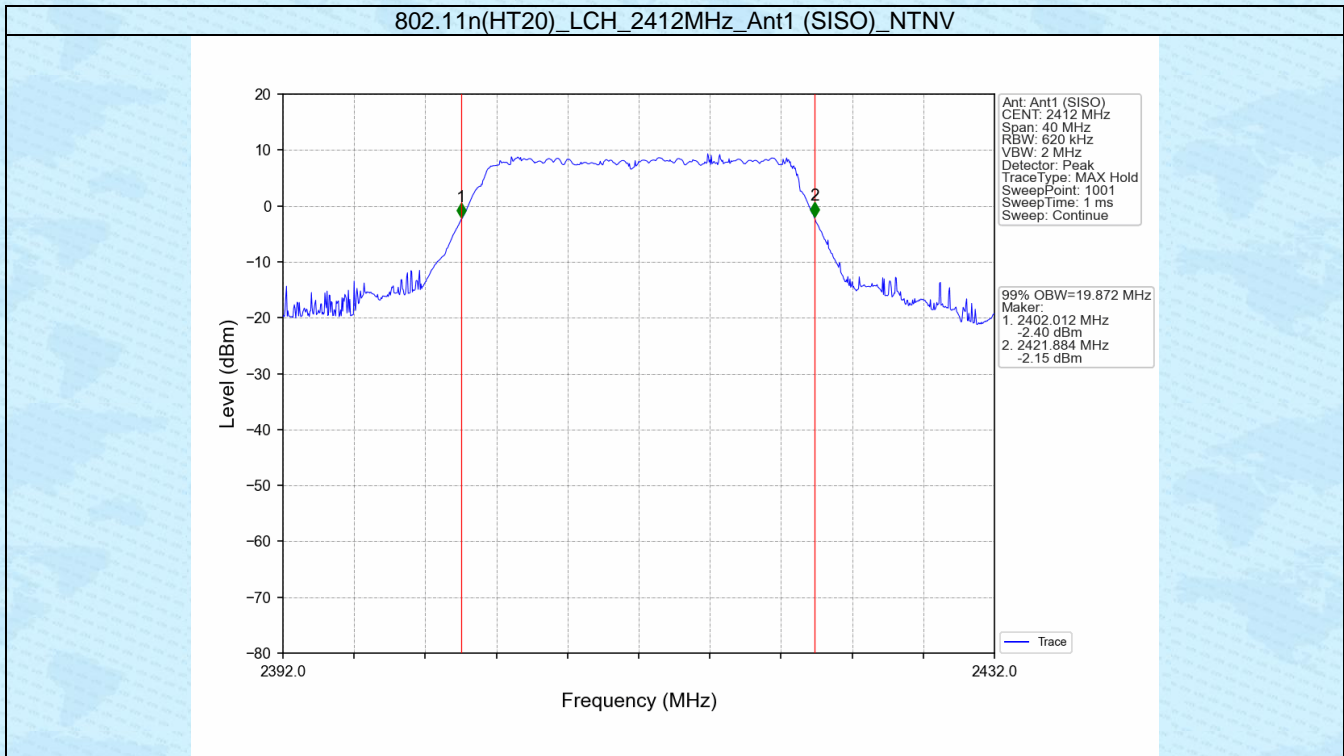
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.805	Pass
		2437	1	13.747	Pass
		2462	1	13.715	Pass
802.11g	SISO	2412	1	19.093	Pass
		2437	1	19.079	Pass
		2462	1	19.078	Pass
802.11n (HT20)	SISO	2412	1	19.872	Pass
		2437	1	19.766	Pass
		2462	1	19.895	Pass
802.11n (HT40)	SISO	2422	1	39.823	Pass
		2437	1	39.849	Pass
		2452	1	39.818	Pass

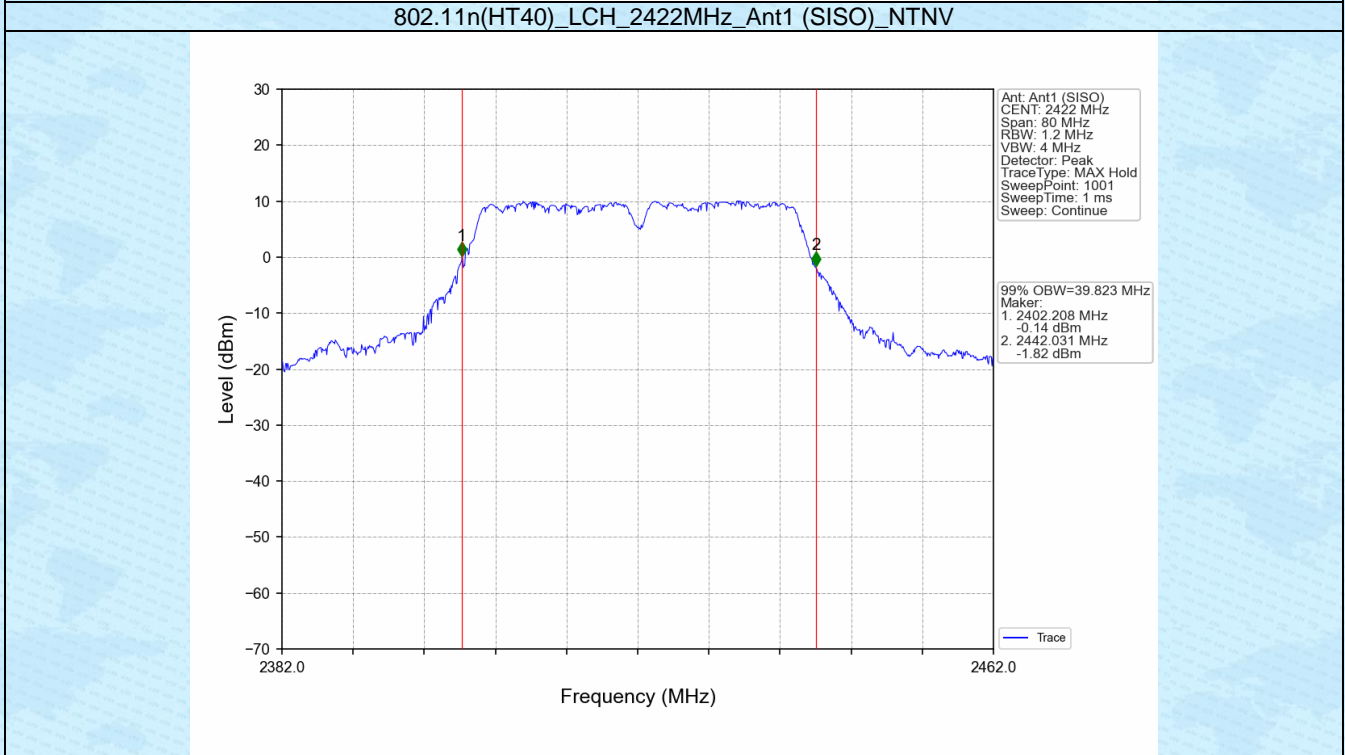
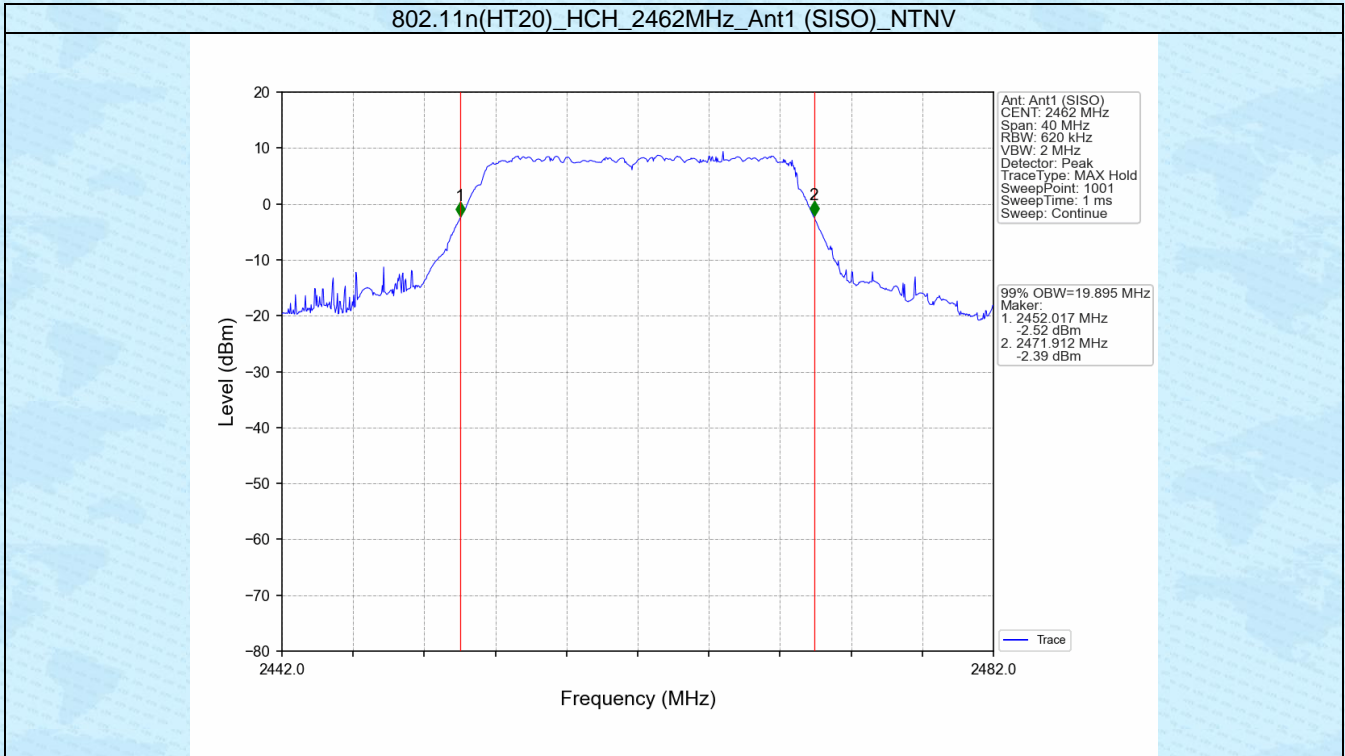
2.1.2 Test Graph

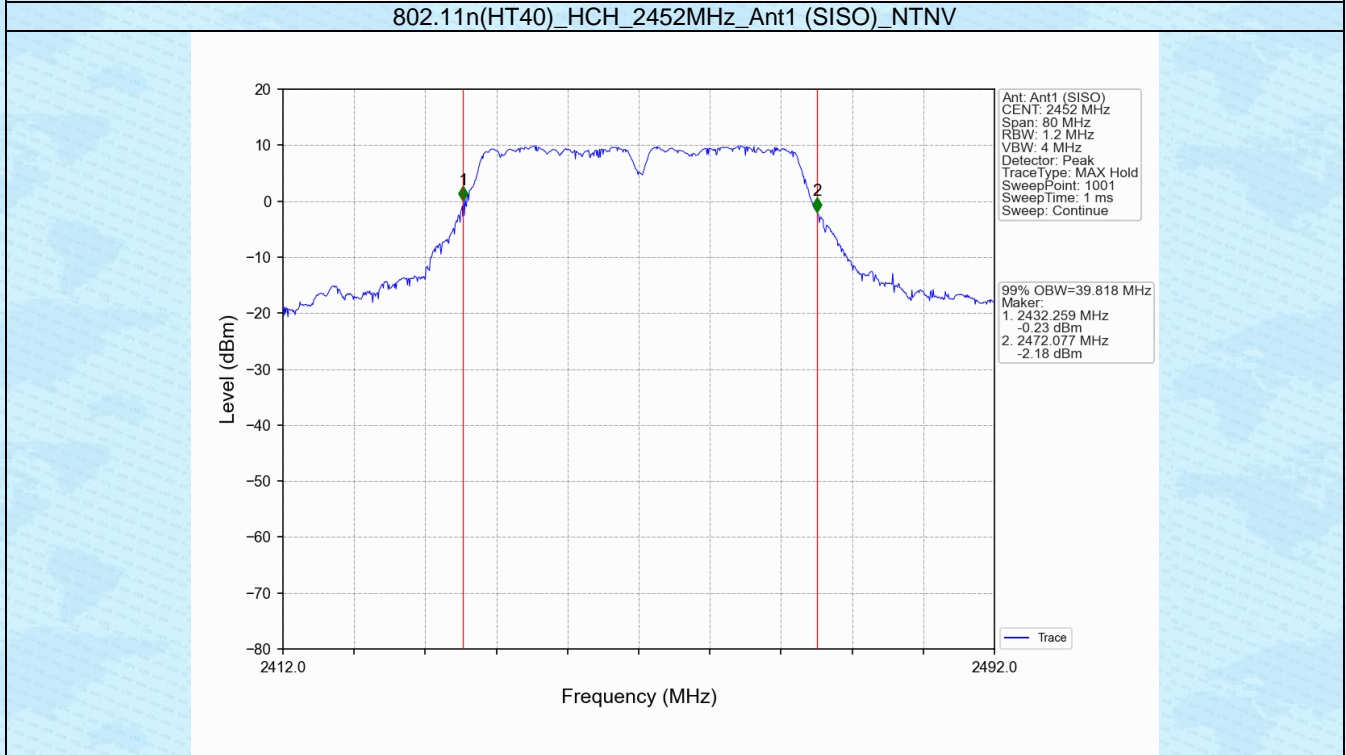
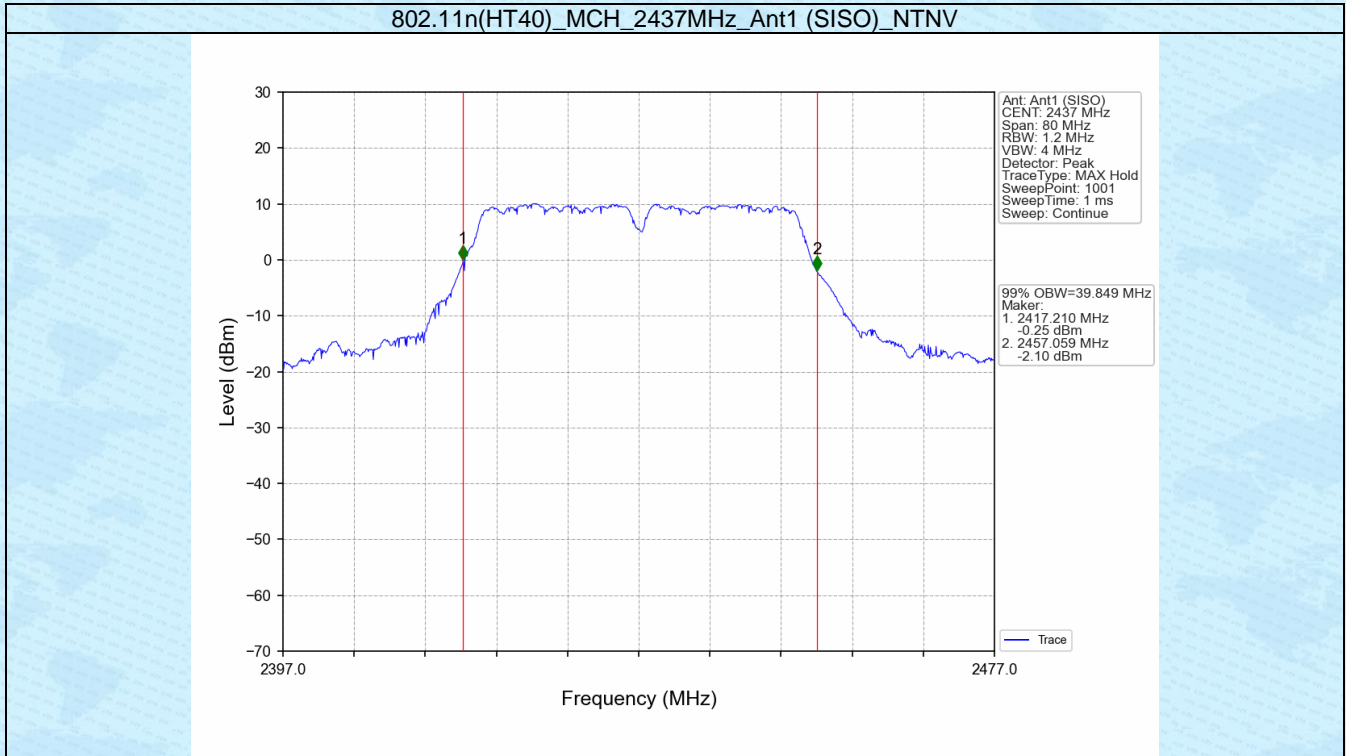










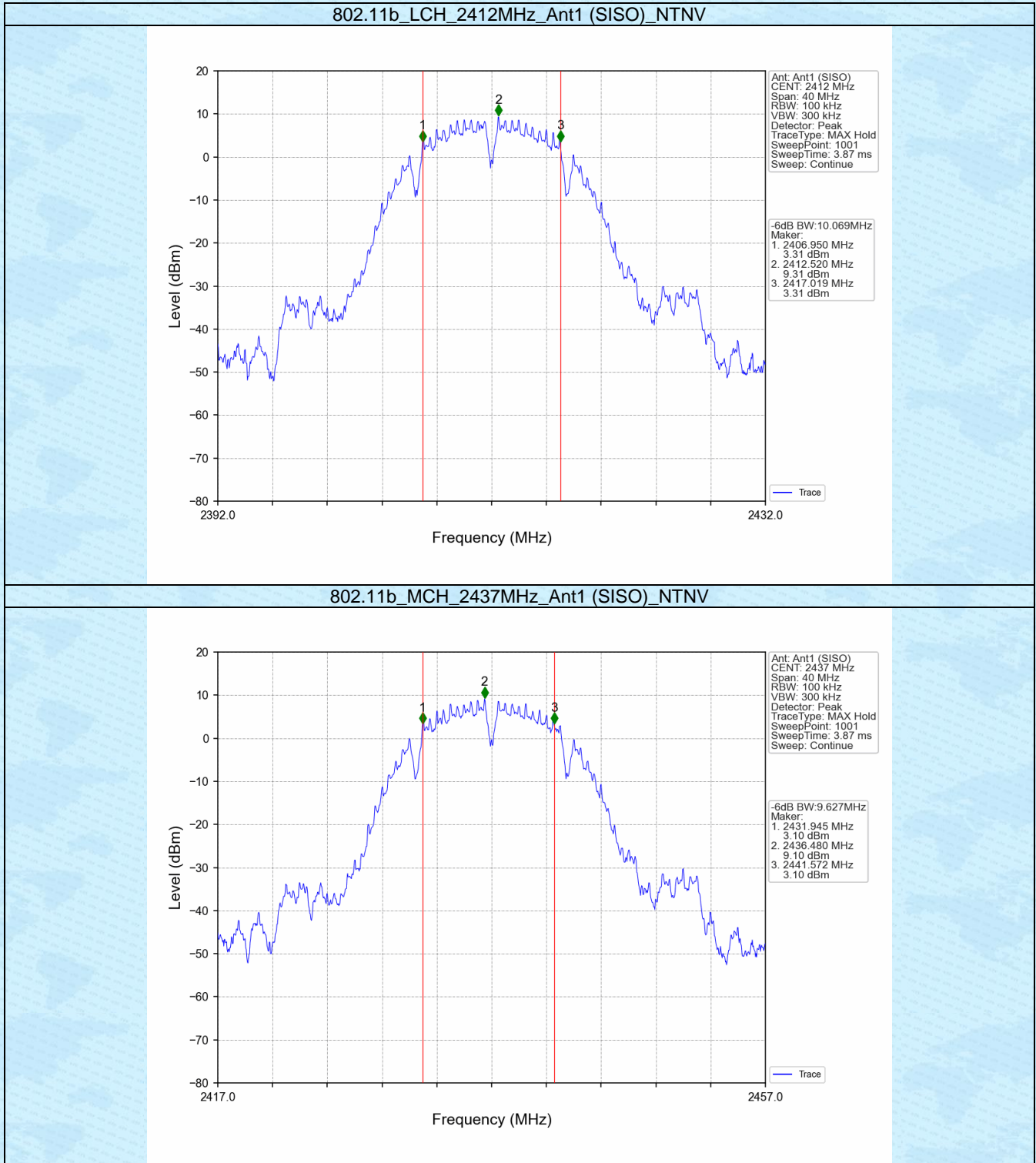


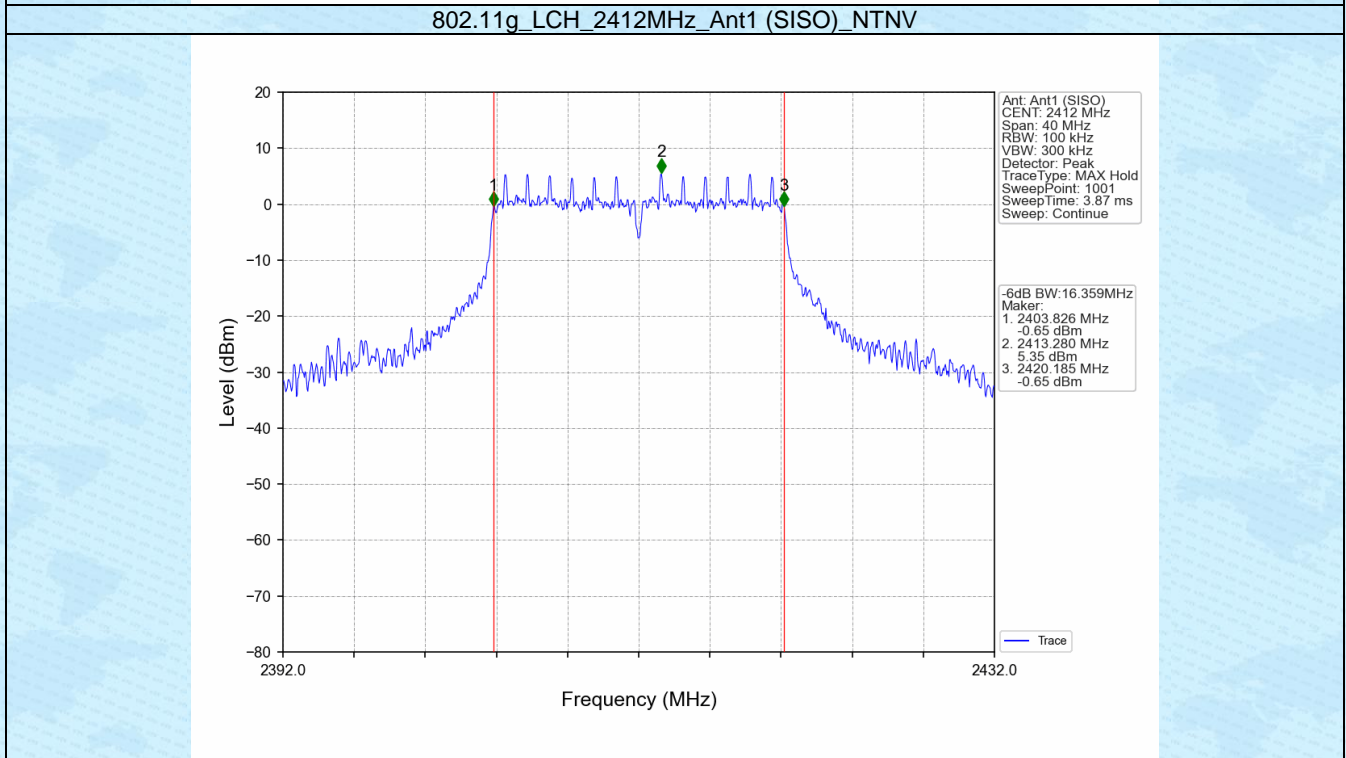
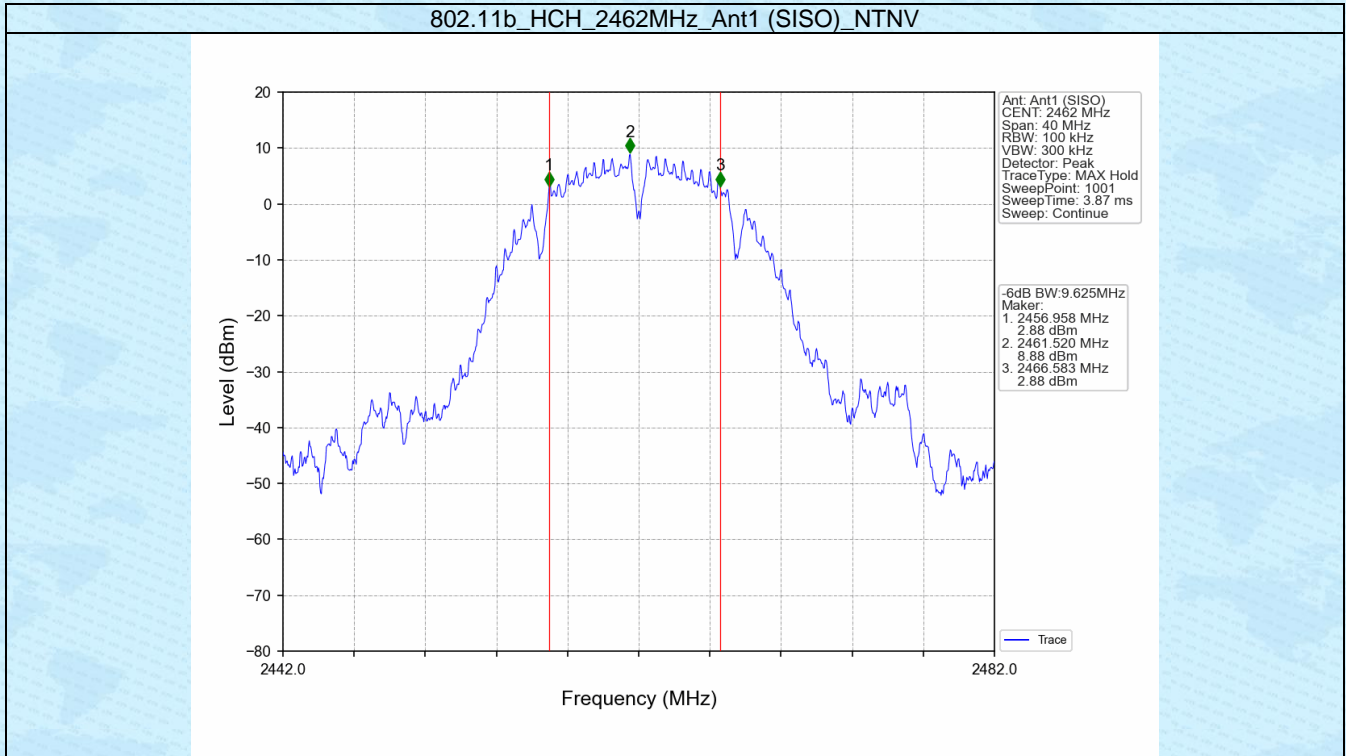
2.2 6dB BW

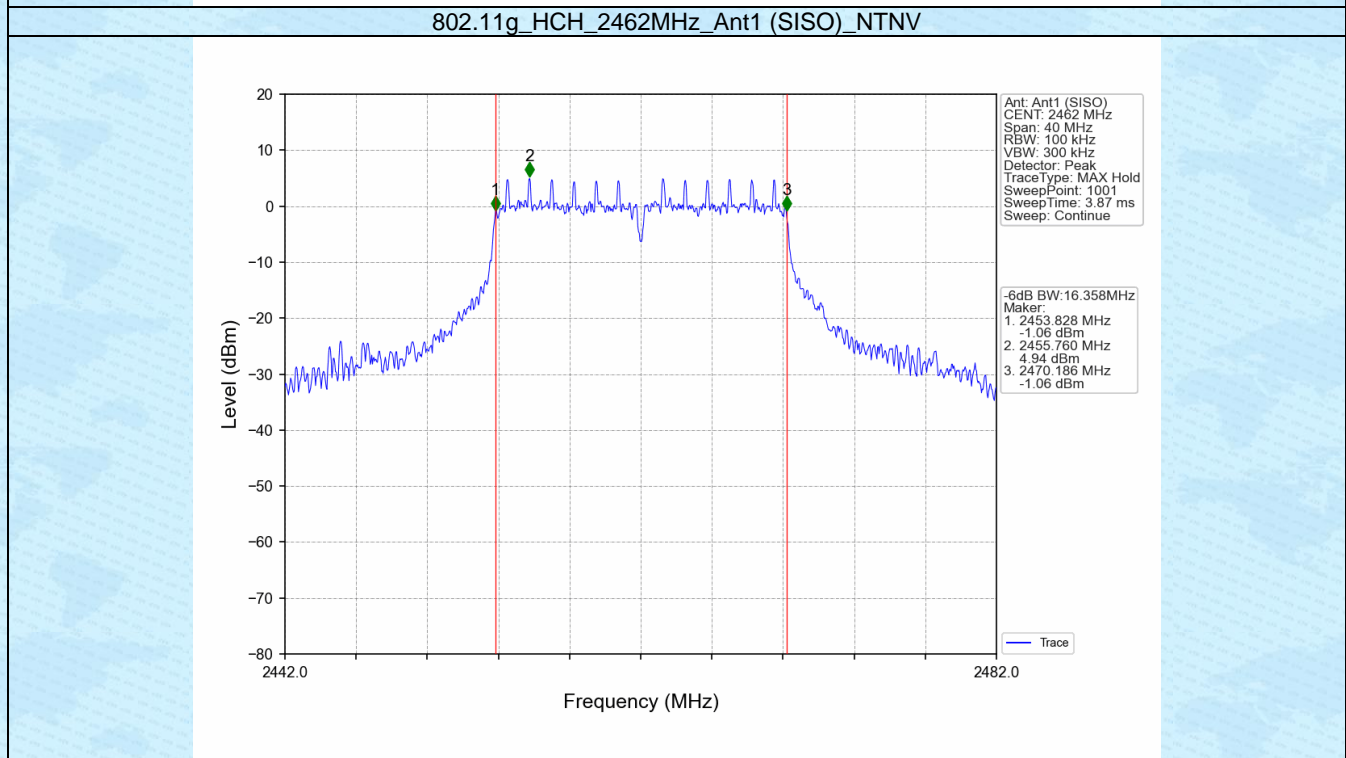
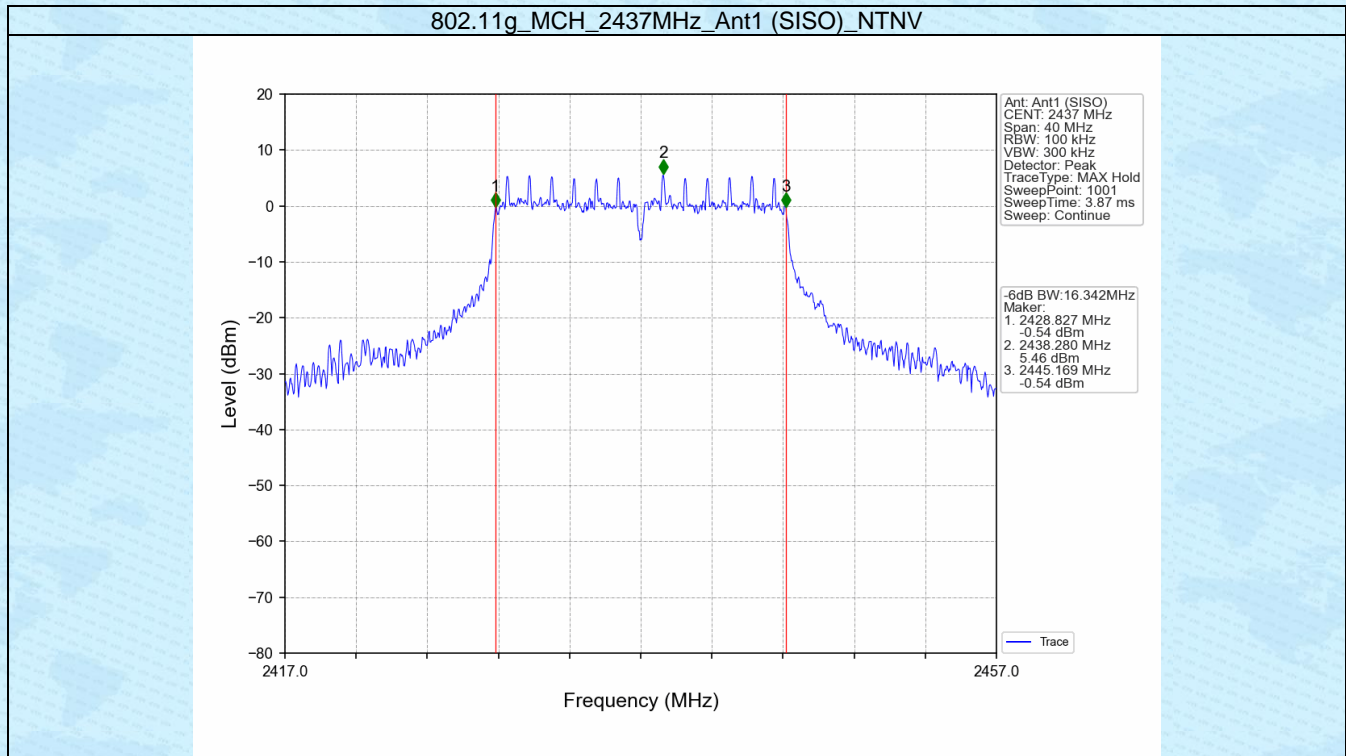
2.2.1 Test Result

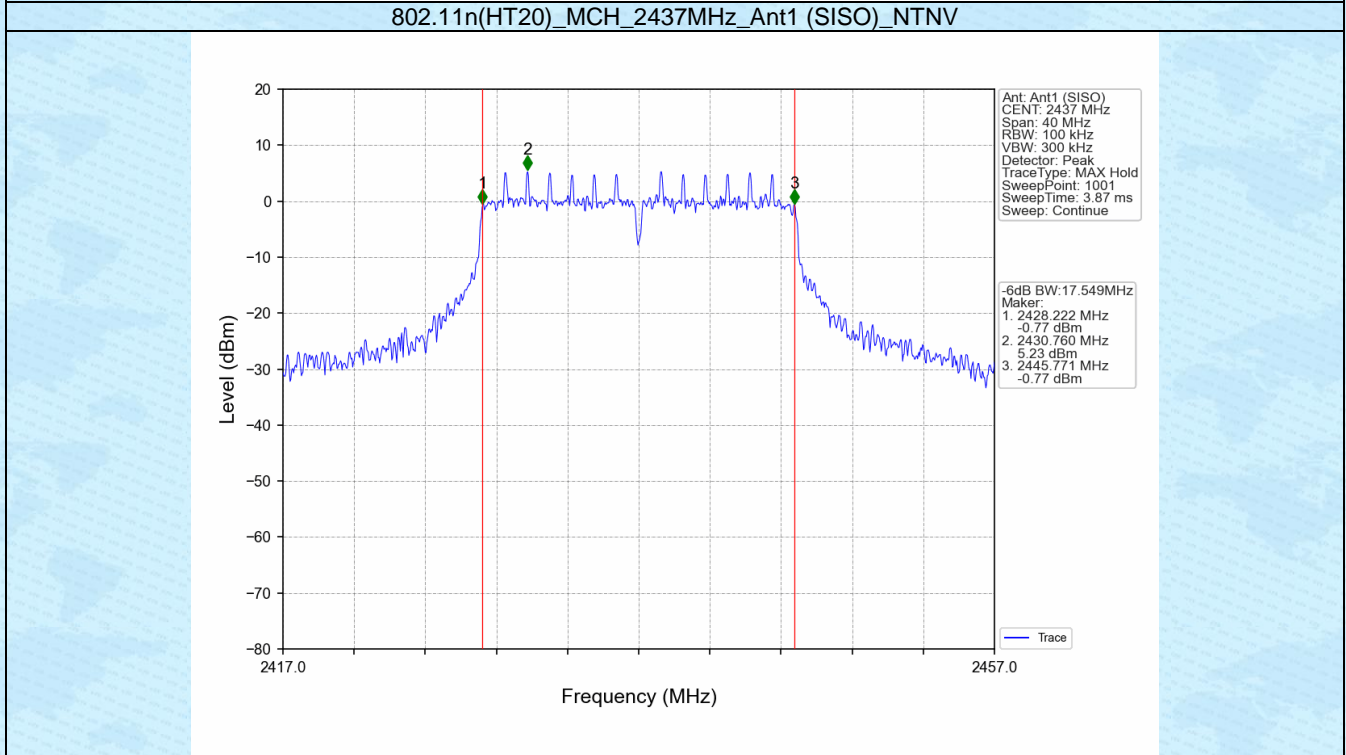
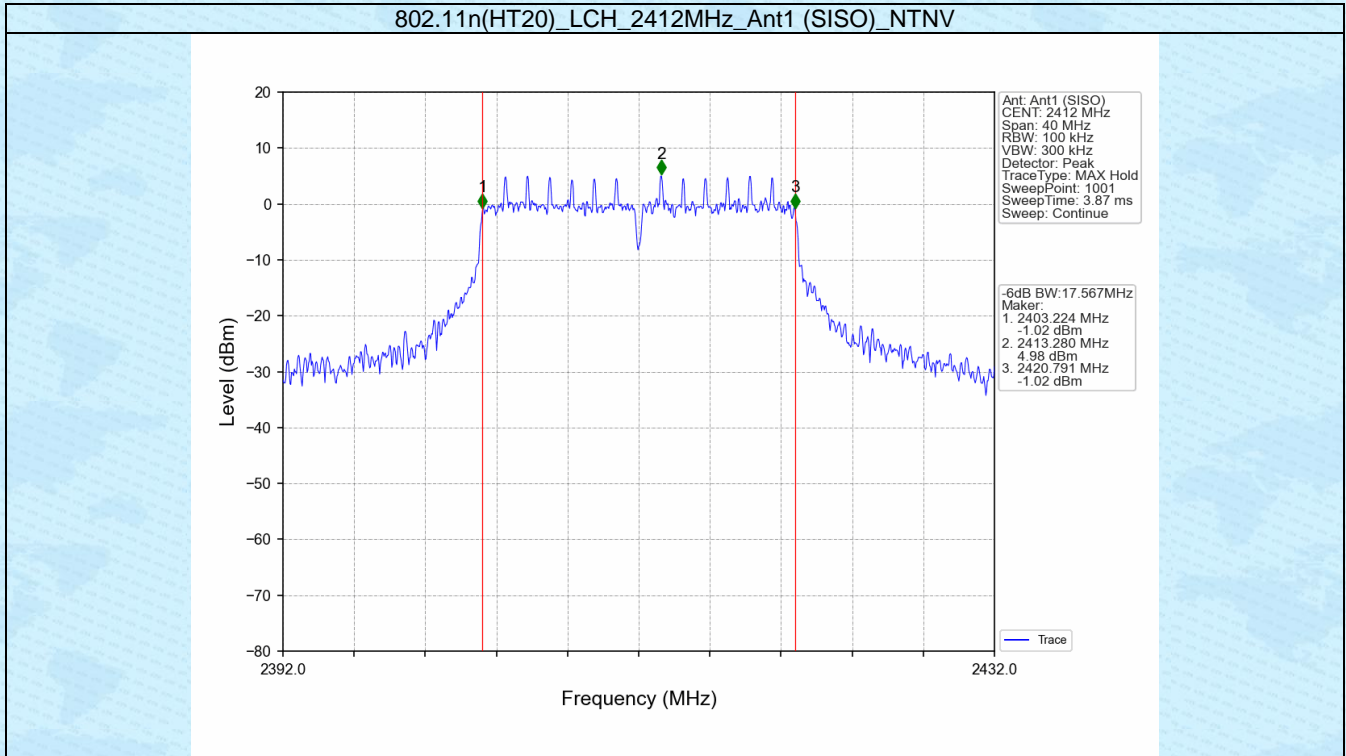
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.069	>=0.5	Pass
		2437	1	9.627	>=0.5	Pass
		2462	1	9.625	>=0.5	Pass
802.11g	SISO	2412	1	16.359	>=0.5	Pass
		2437	1	16.342	>=0.5	Pass
		2462	1	16.358	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	17.567	>=0.5	Pass
		2437	1	17.549	>=0.5	Pass
		2462	1	17.537	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	36.143	>=0.5	Pass
		2437	1	36.133	>=0.5	Pass
		2452	1	36.140	>=0.5	Pass

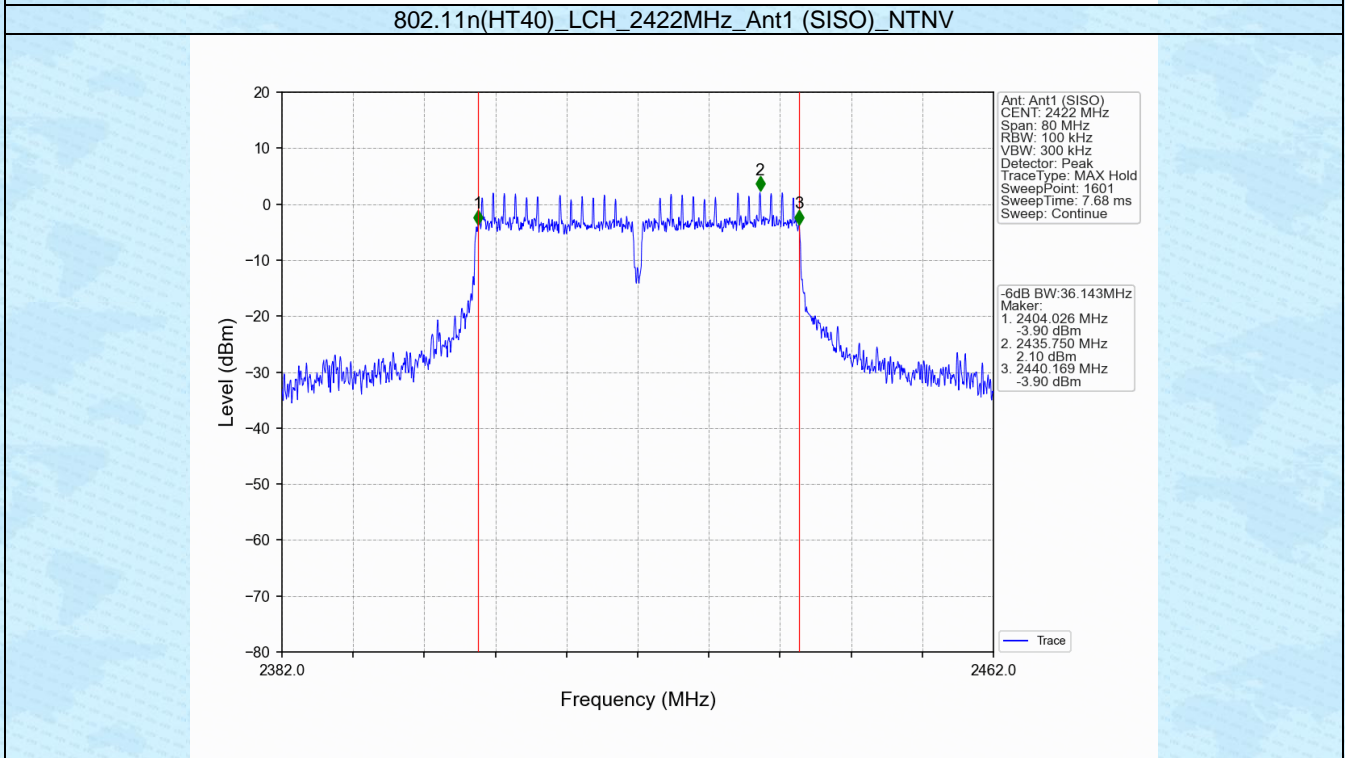
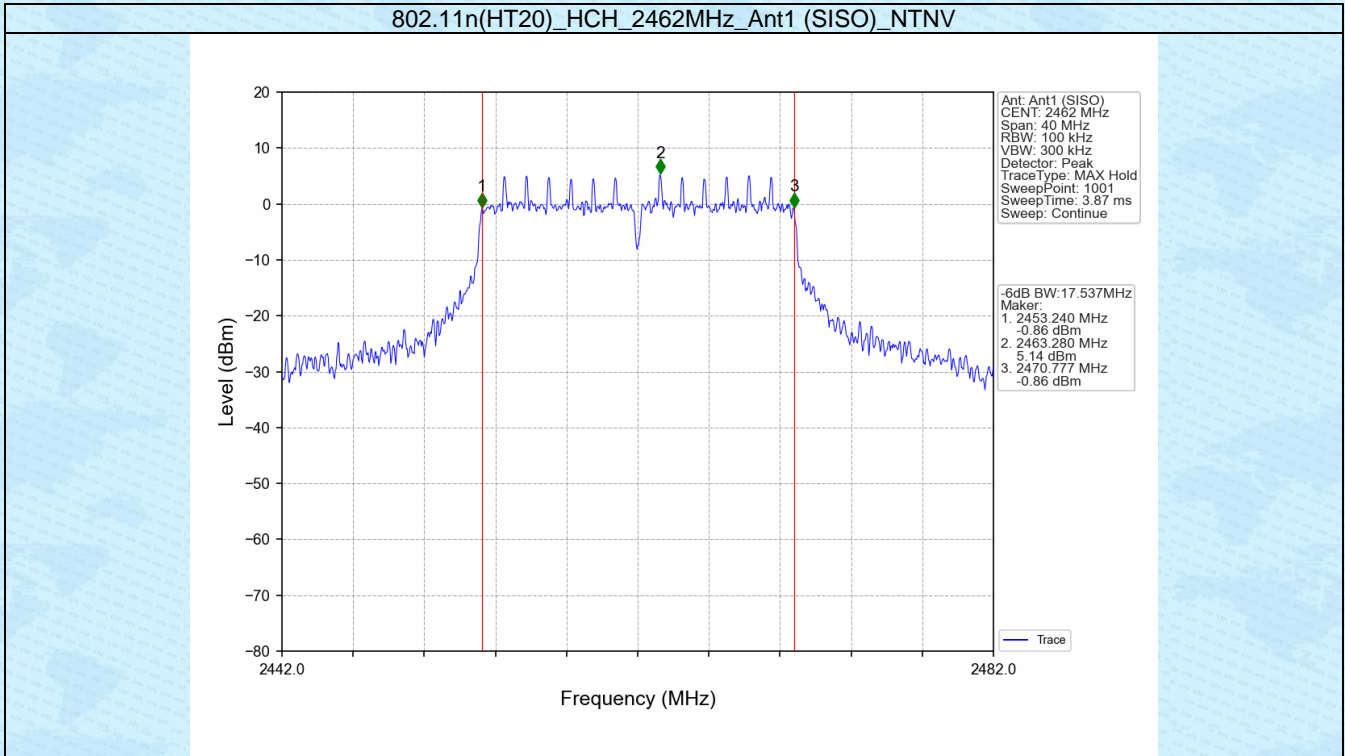
2.2.2 Test Graph

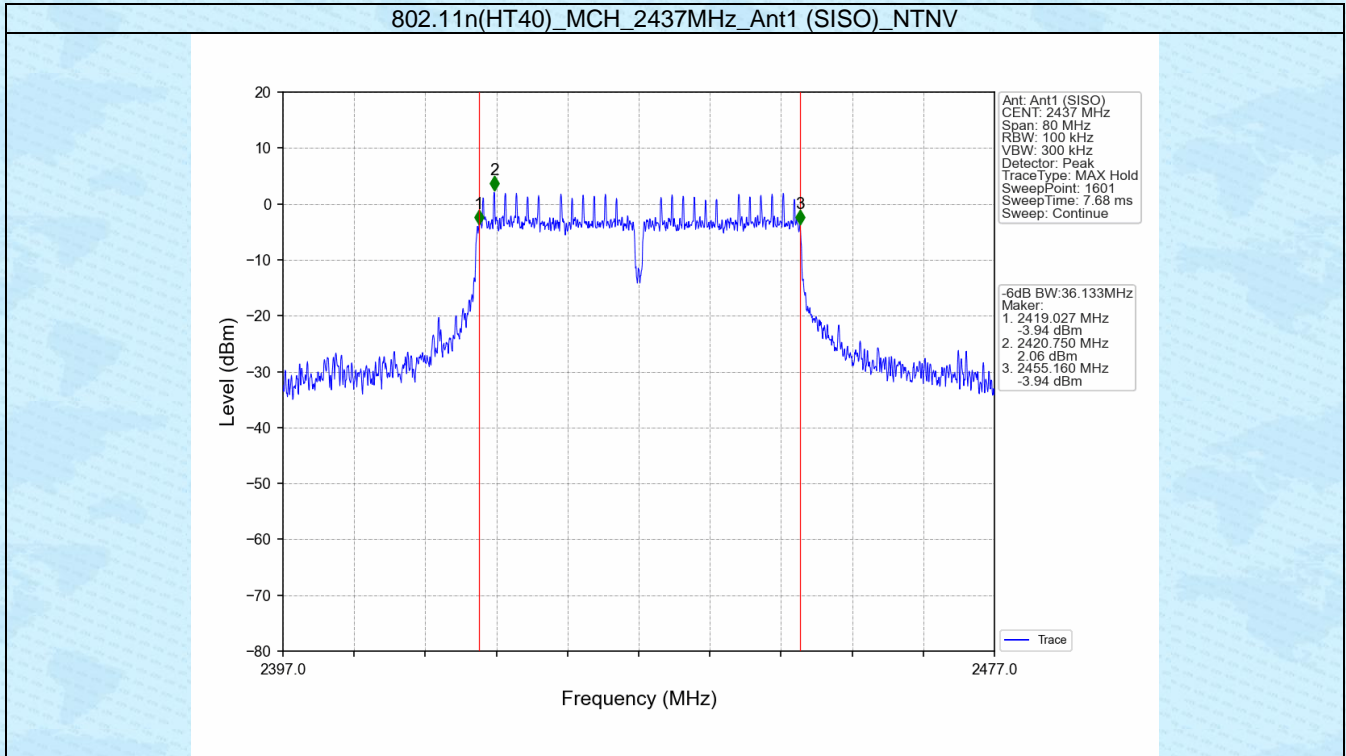












3. Maximum Conducted Output Power

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	21.23	<=30	Pass
		2437	20.97	<=30	Pass
		2462	20.64	<=30	Pass
802.11g	SISO	2412	23.19	<=30	Pass
		2437	23.21	<=30	Pass
		2462	22.83	<=30	Pass
802.11n (HT20)	SISO	2412	22.90	<=30	Pass
		2437	23.10	<=30	Pass
		2462	22.92	<=30	Pass
802.11n (HT40)	SISO	2422	23.01	<=30	Pass
		2437	23.05	<=30	Pass
		2452	22.85	<=30	Pass

Note1: Antenna Gain: Ant1: 4.23dBi;

4. Maximum Power Spectral Density

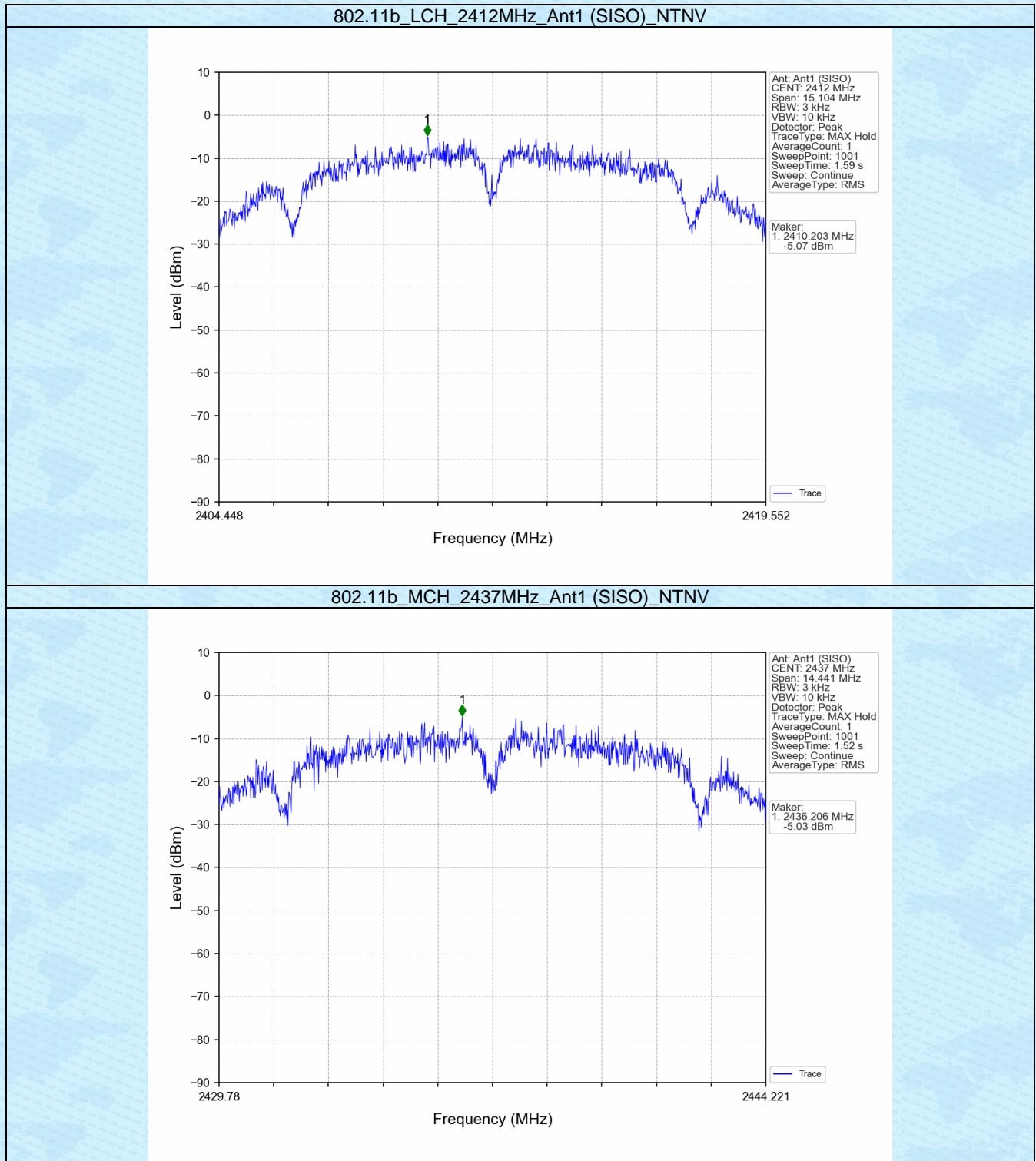
4.1 PSD

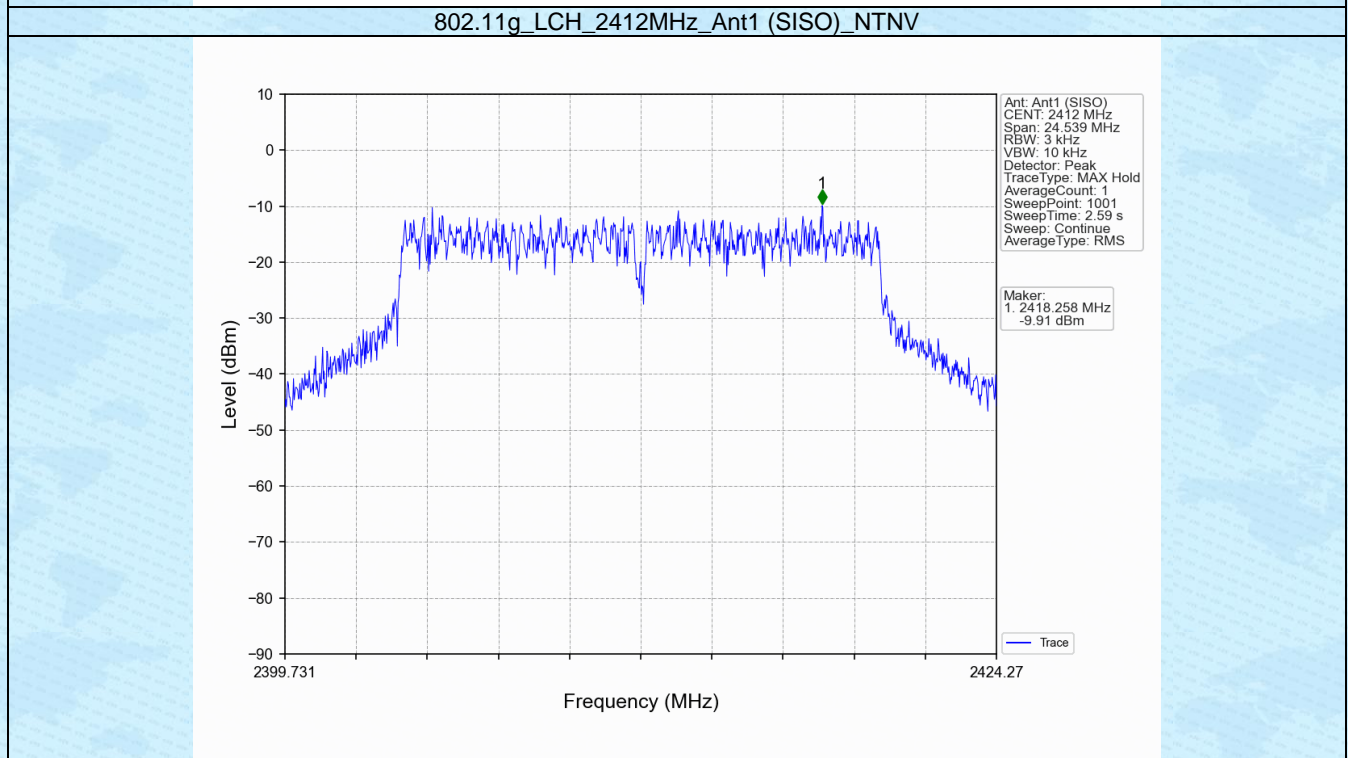
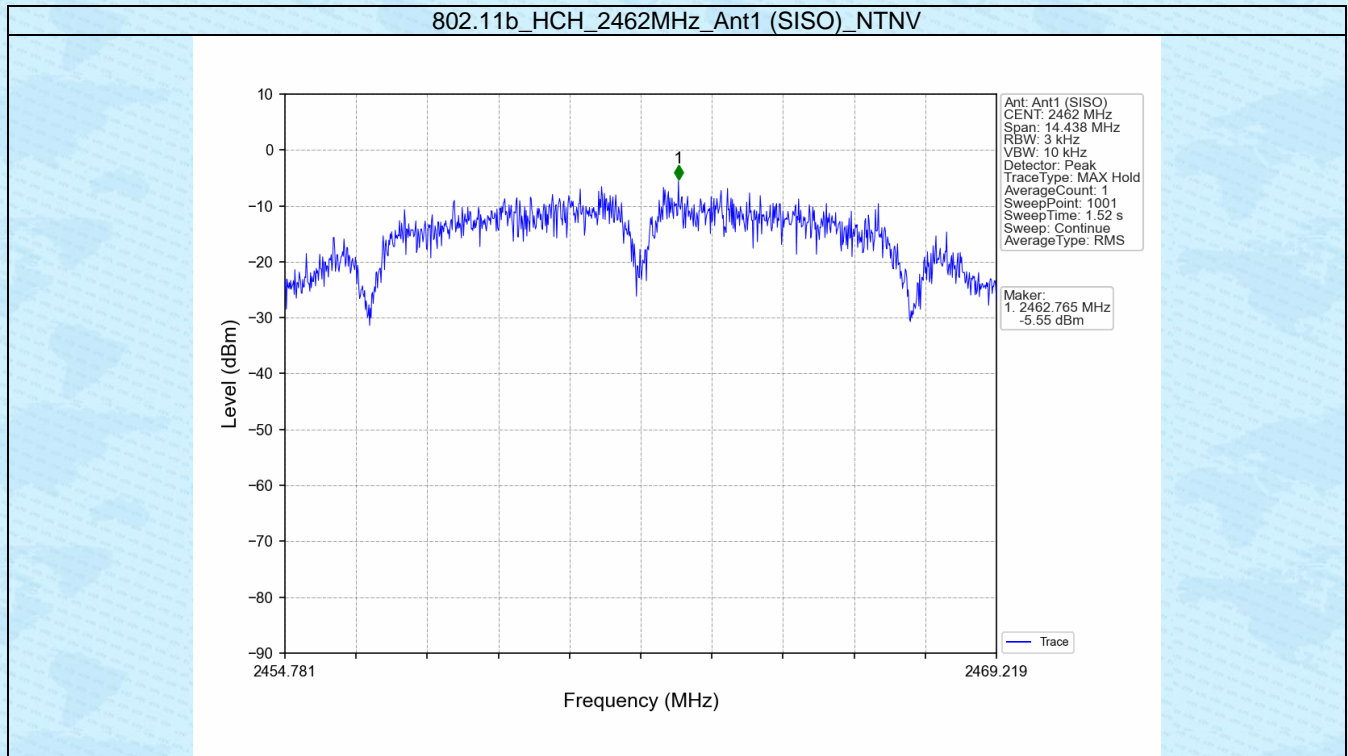
4.1.1 Test Result

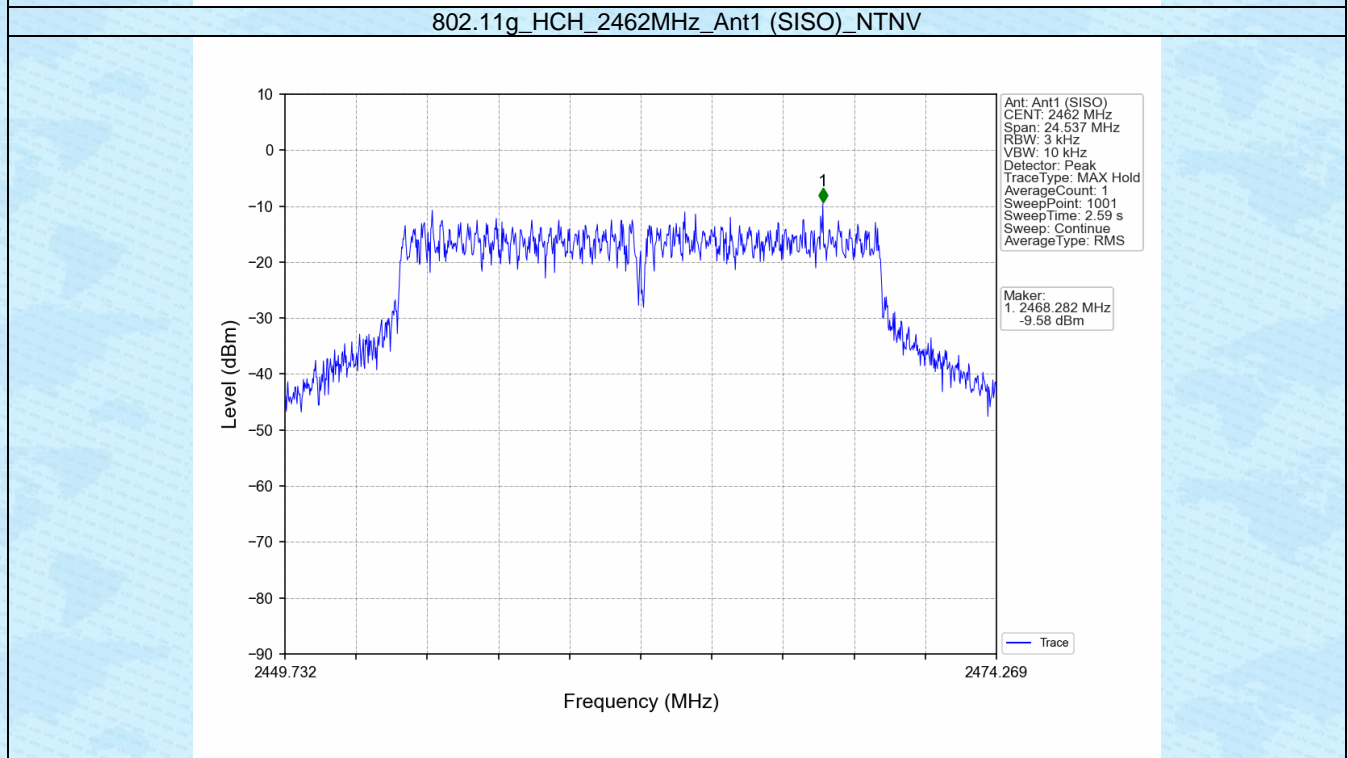
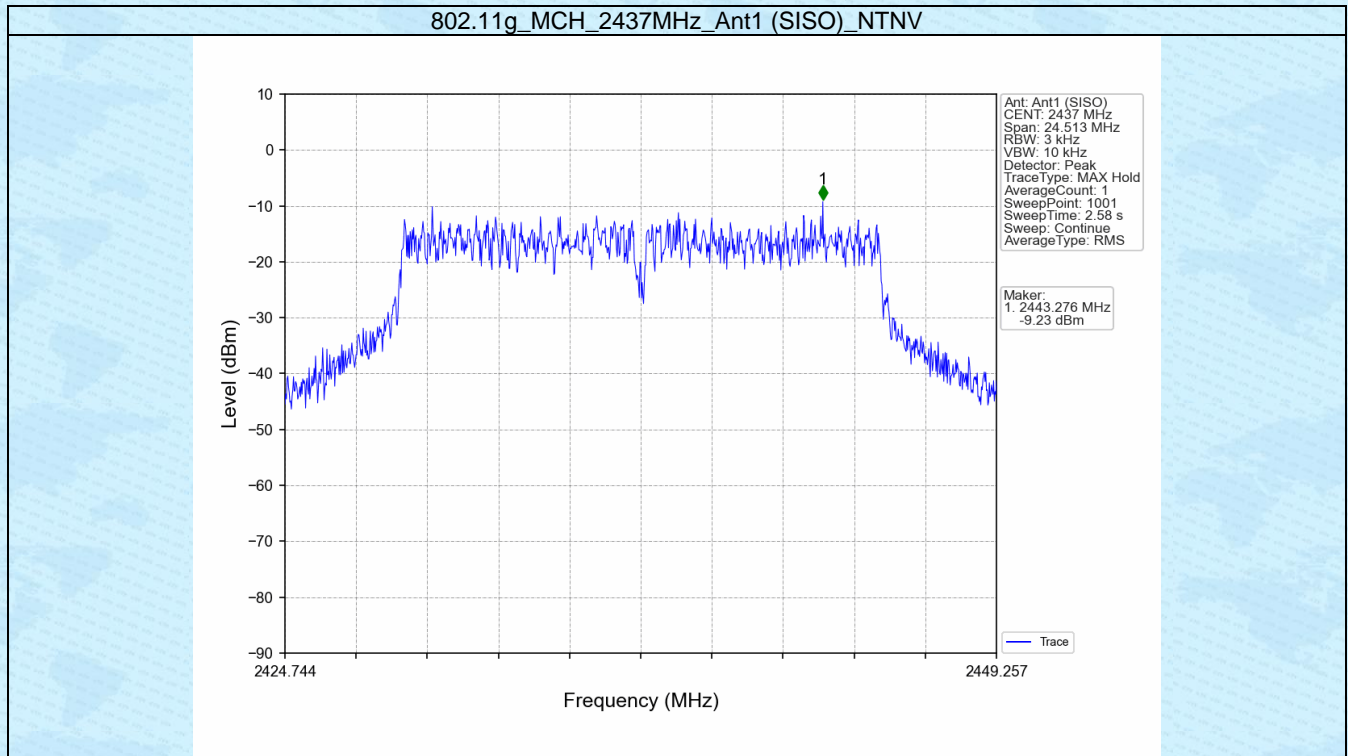
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-5.07	<=8	Pass
		2437	-5.03	<=8	Pass
		2462	-5.55	<=8	Pass
802.11g	SISO	2412	-9.91	<=8	Pass
		2437	-9.23	<=8	Pass
		2462	-9.58	<=8	Pass
802.11n (HT20)	SISO	2412	-10.52	<=8	Pass
		2437	-10.63	<=8	Pass
		2462	-10.91	<=8	Pass
802.11n (HT40)	SISO	2422	-12.73	<=8	Pass
		2437	-13.63	<=8	Pass
		2452	-13.09	<=8	Pass

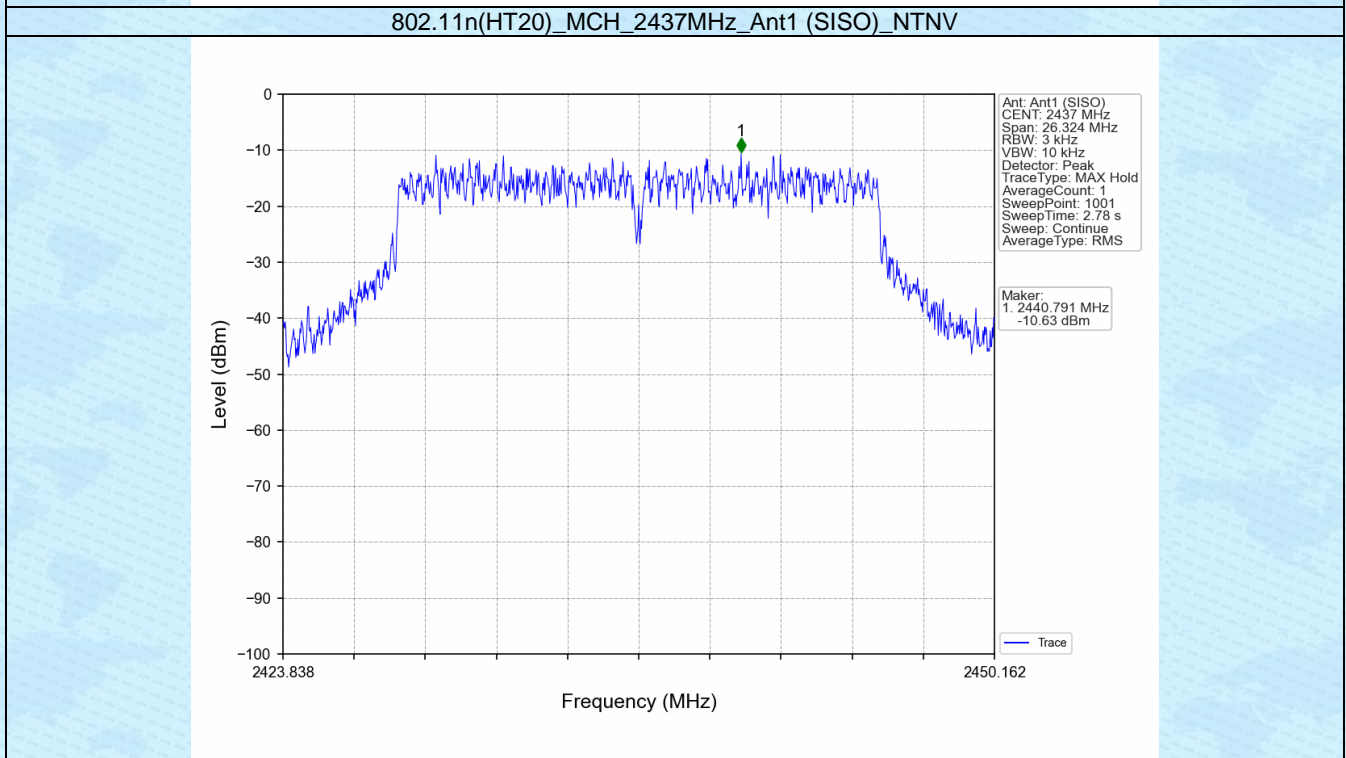
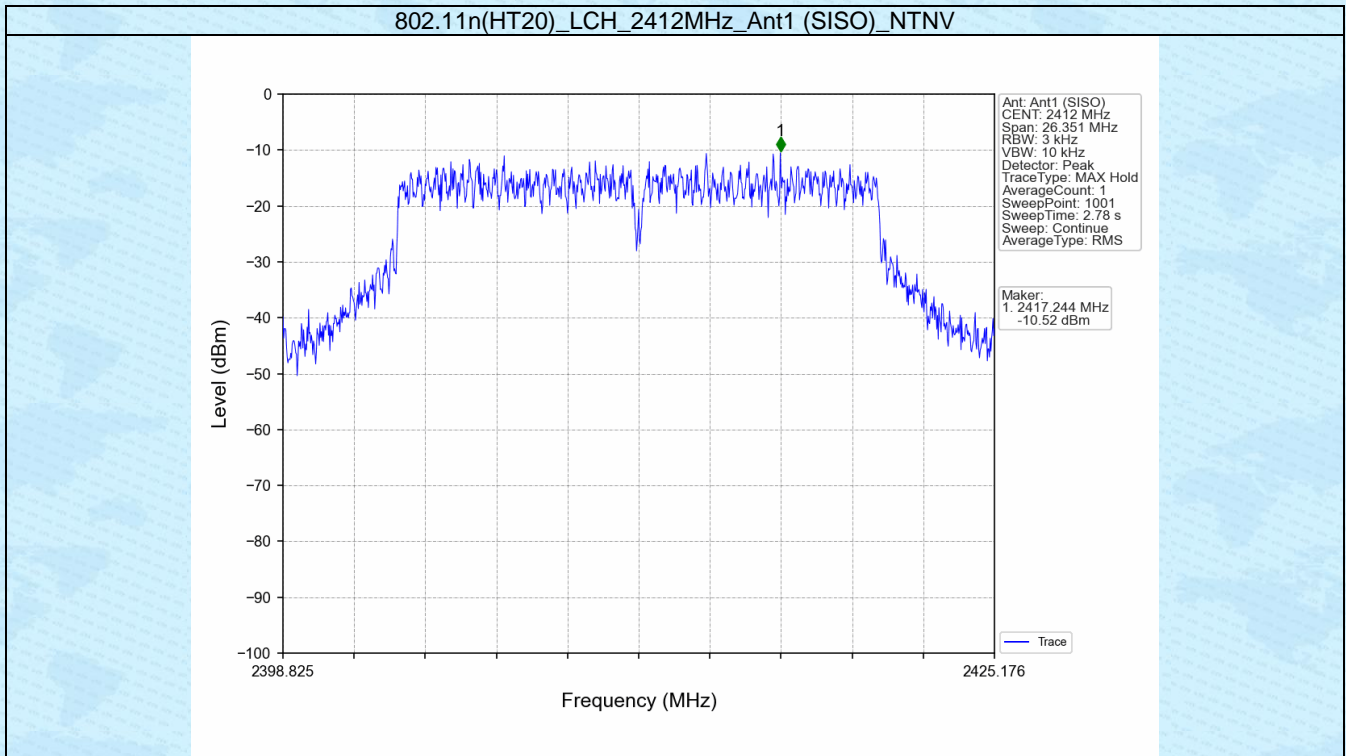
Note1: Antenna Gain: Ant1: 4.23dBi;

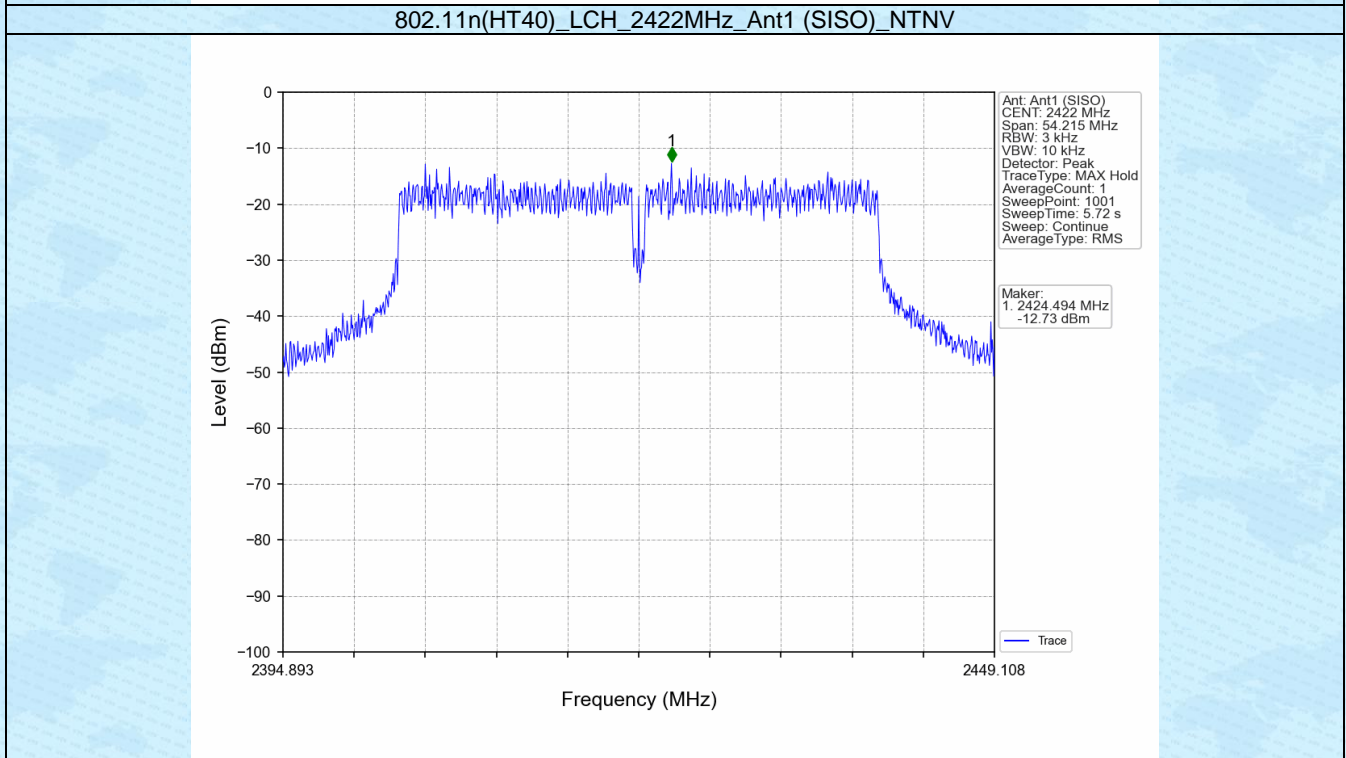
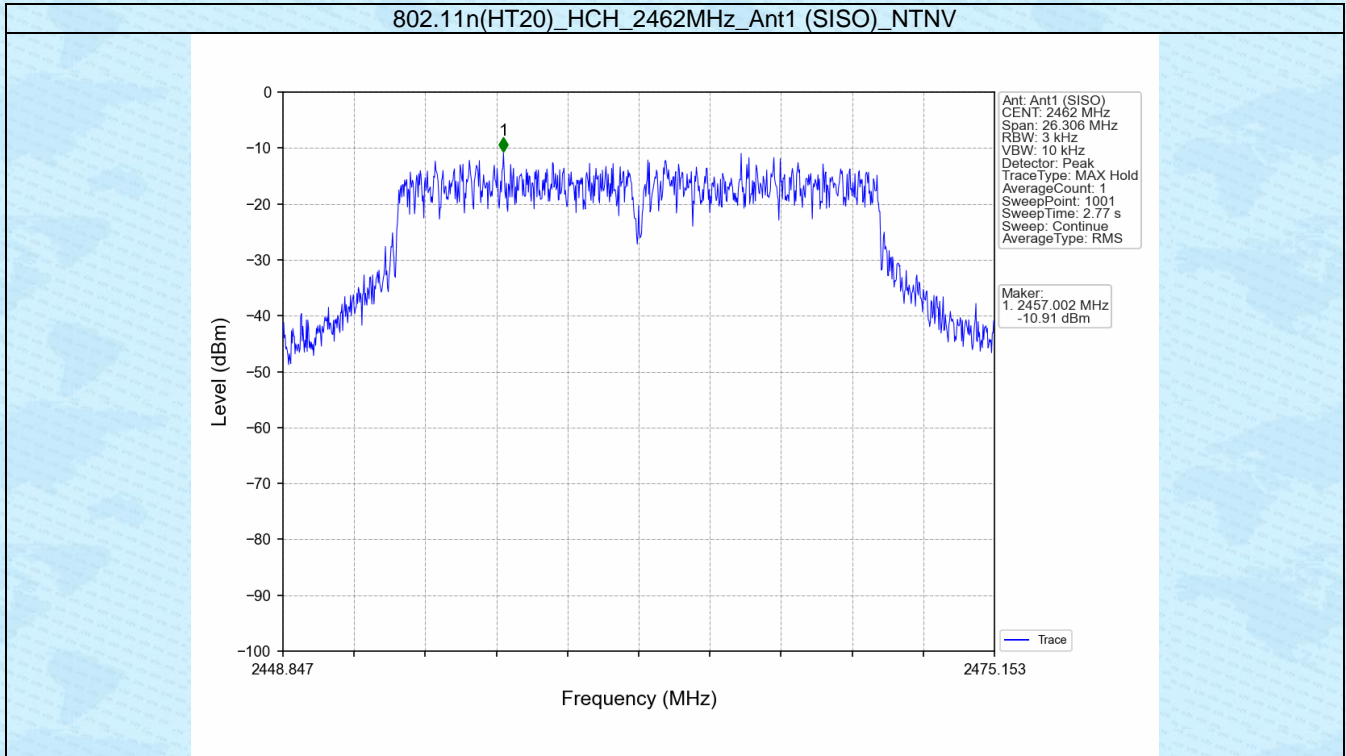
4.1.2 Test Graph

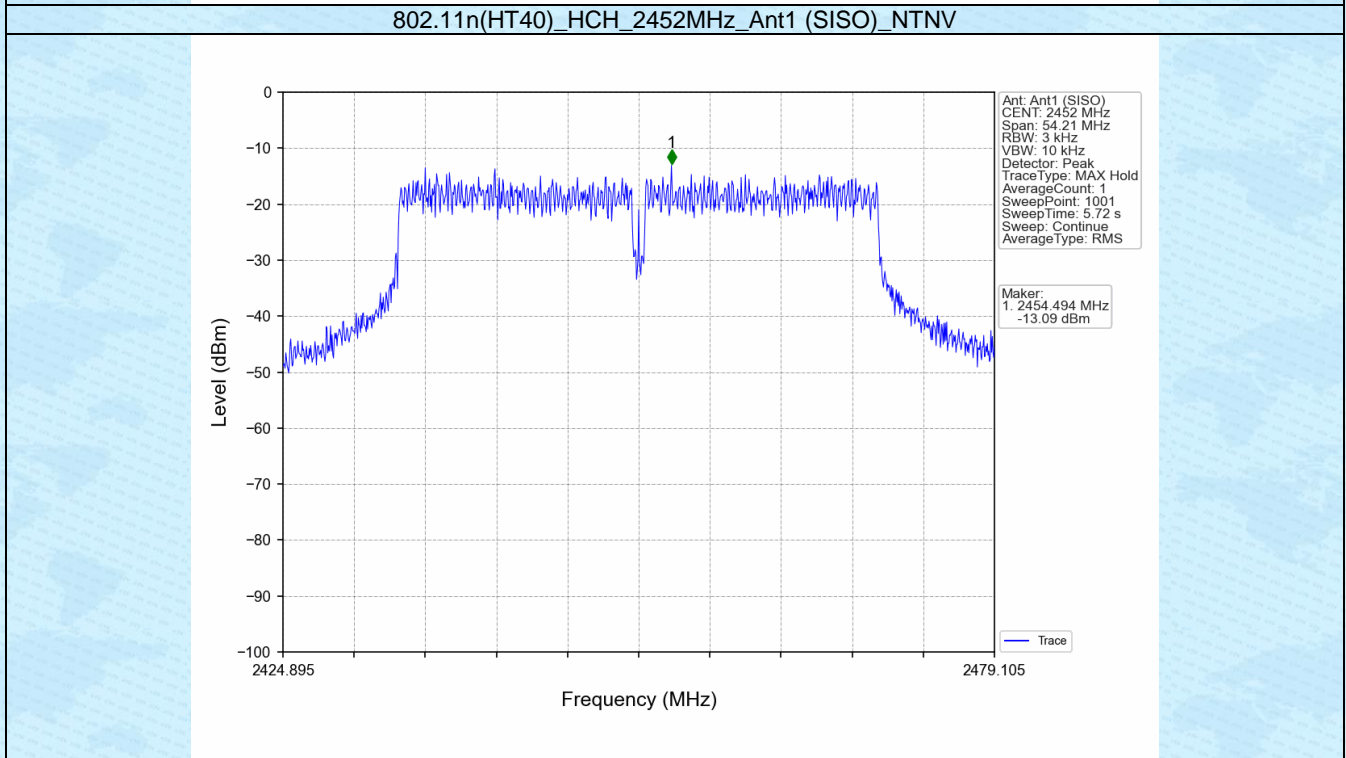
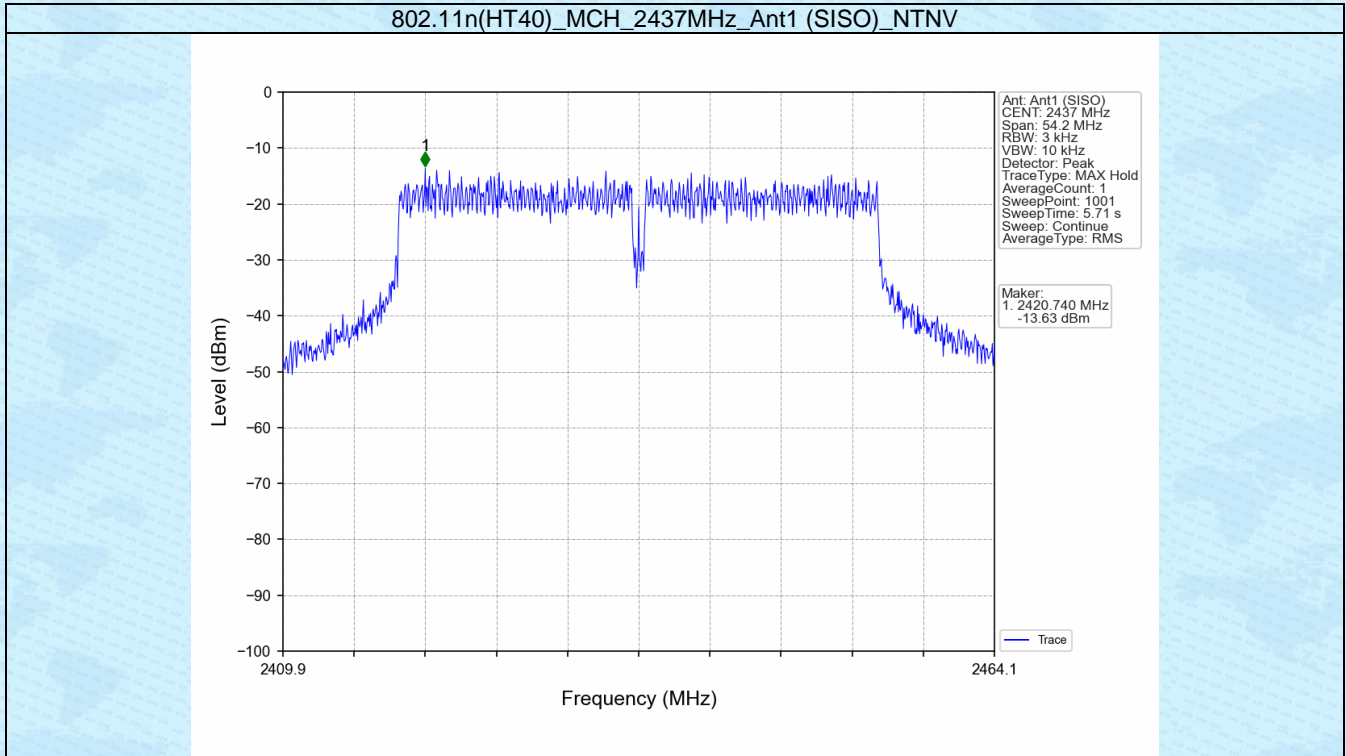












5. Unwanted Emissions In Non-restricted Frequency Bands

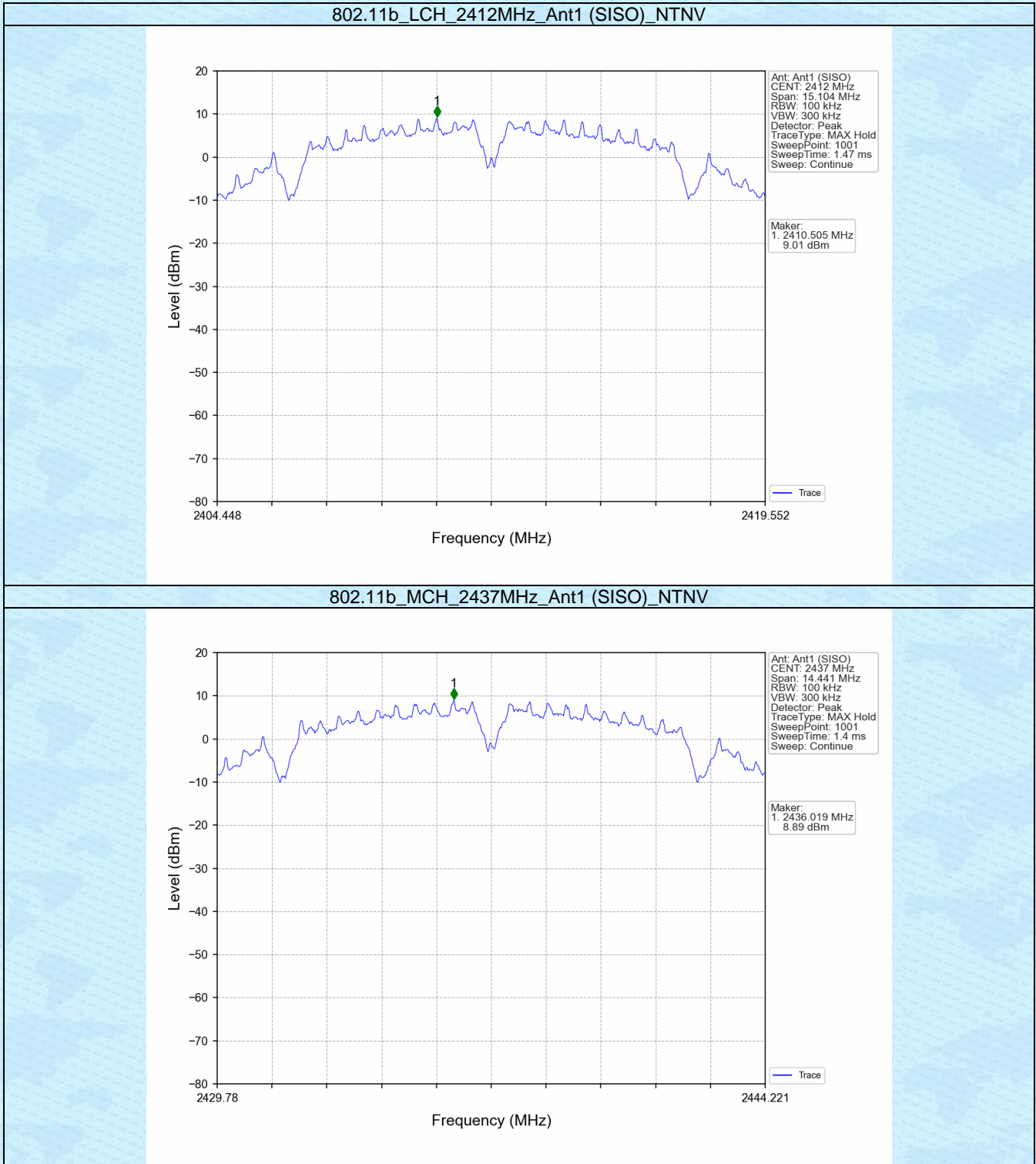
5.1 Ref

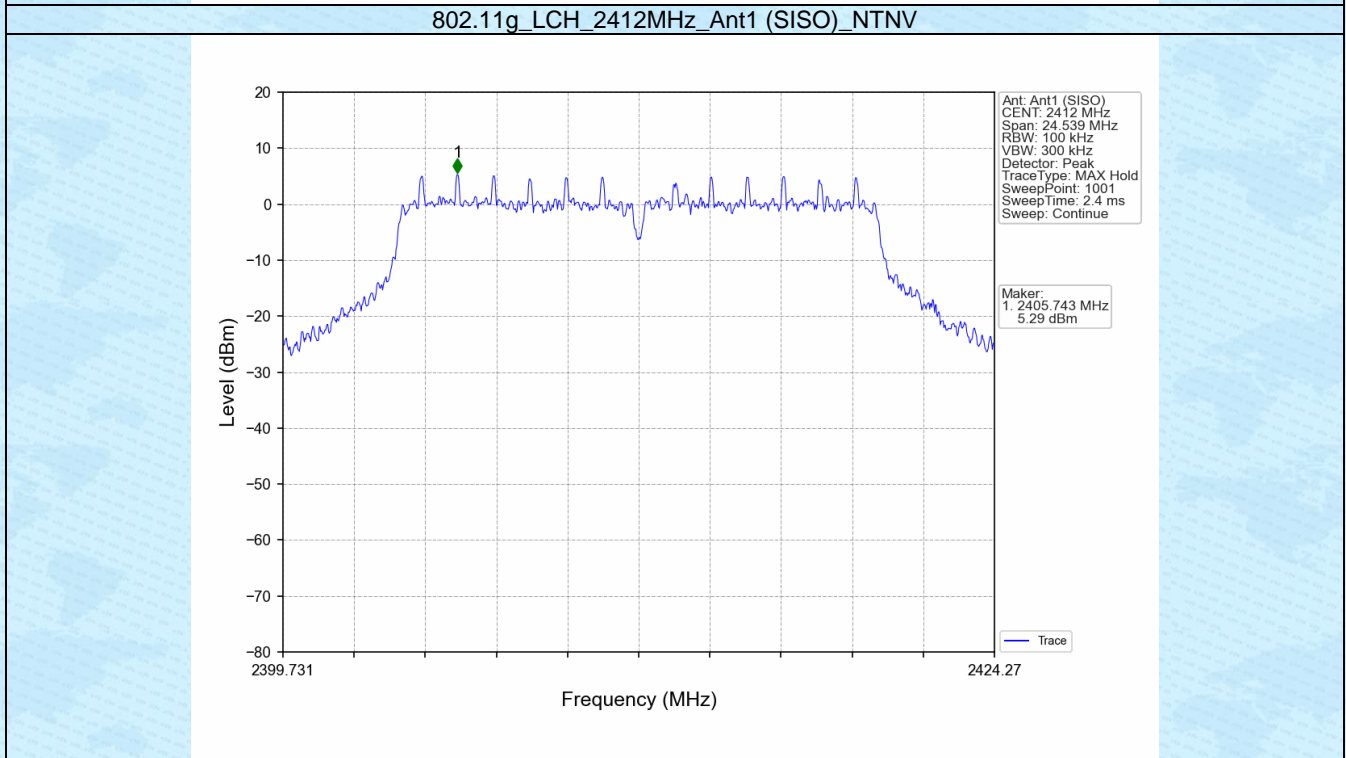
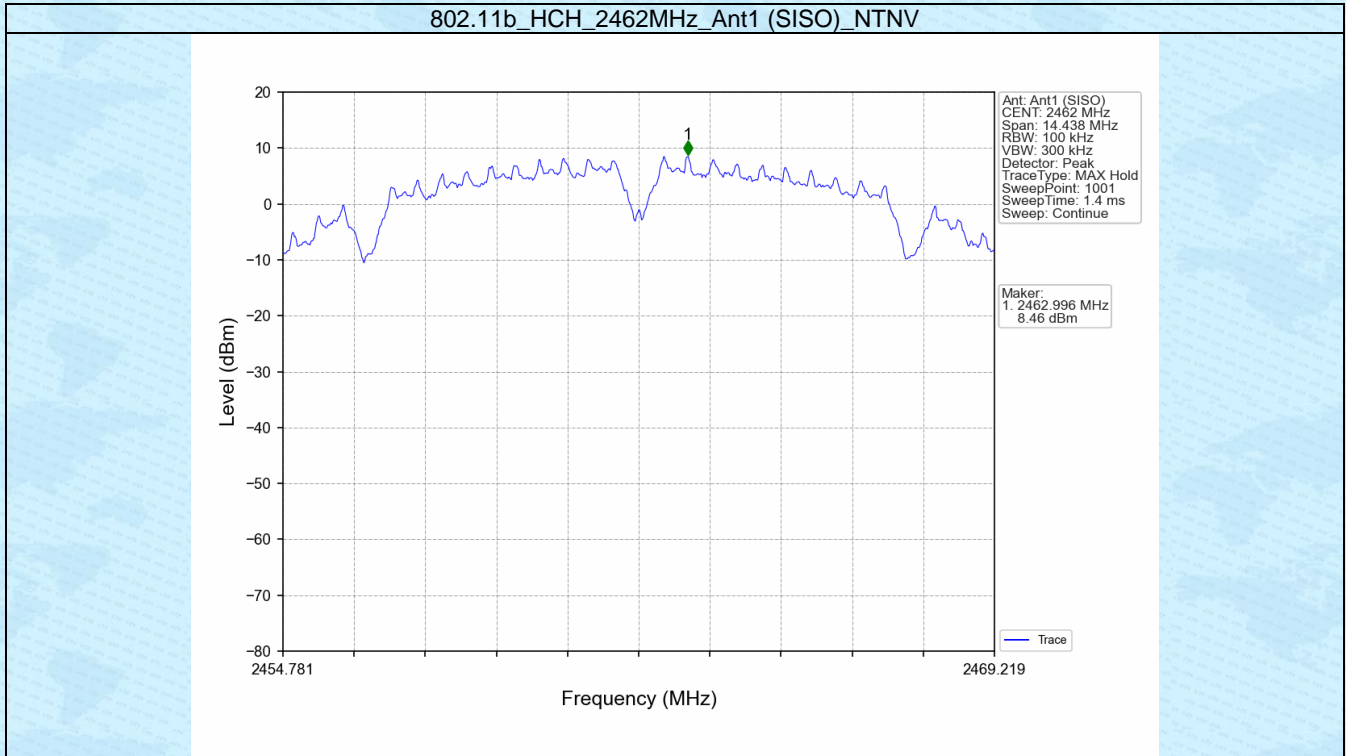
5.1.1 Test Result

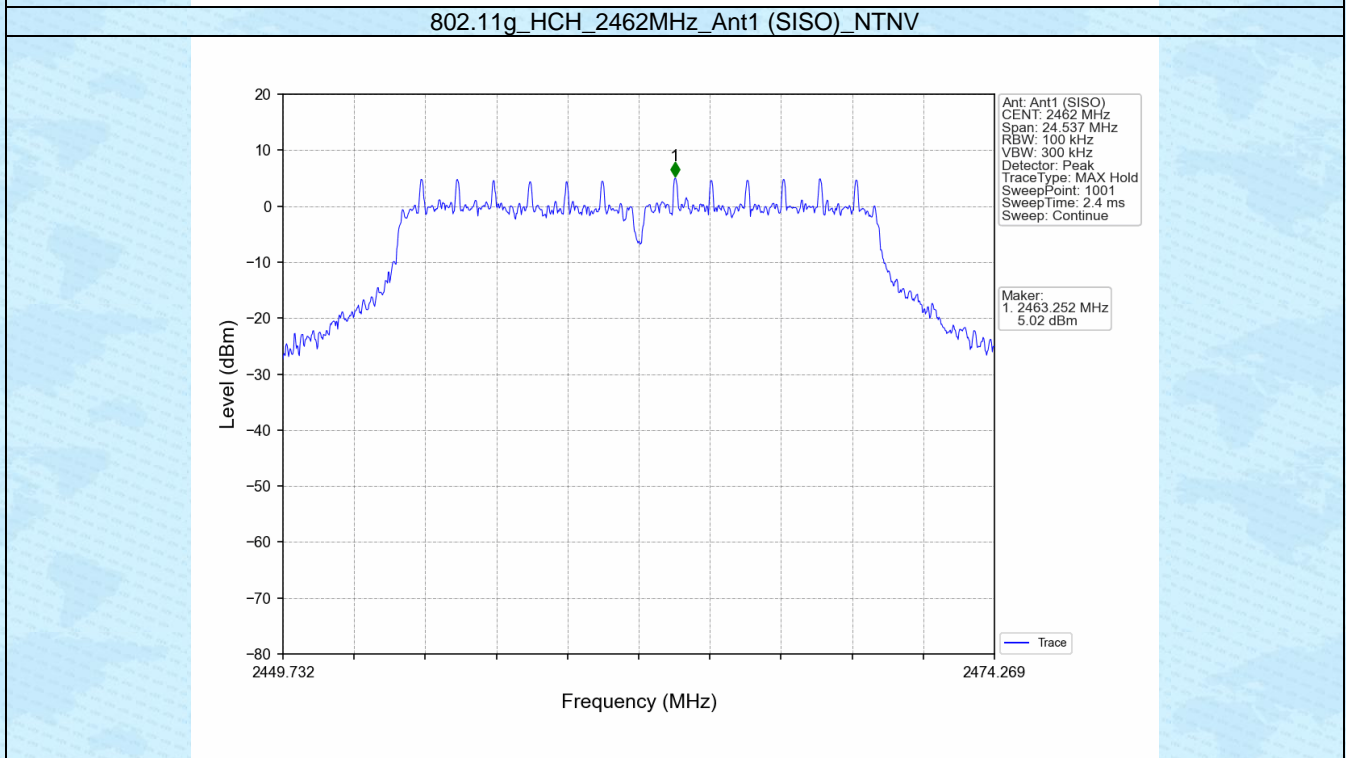
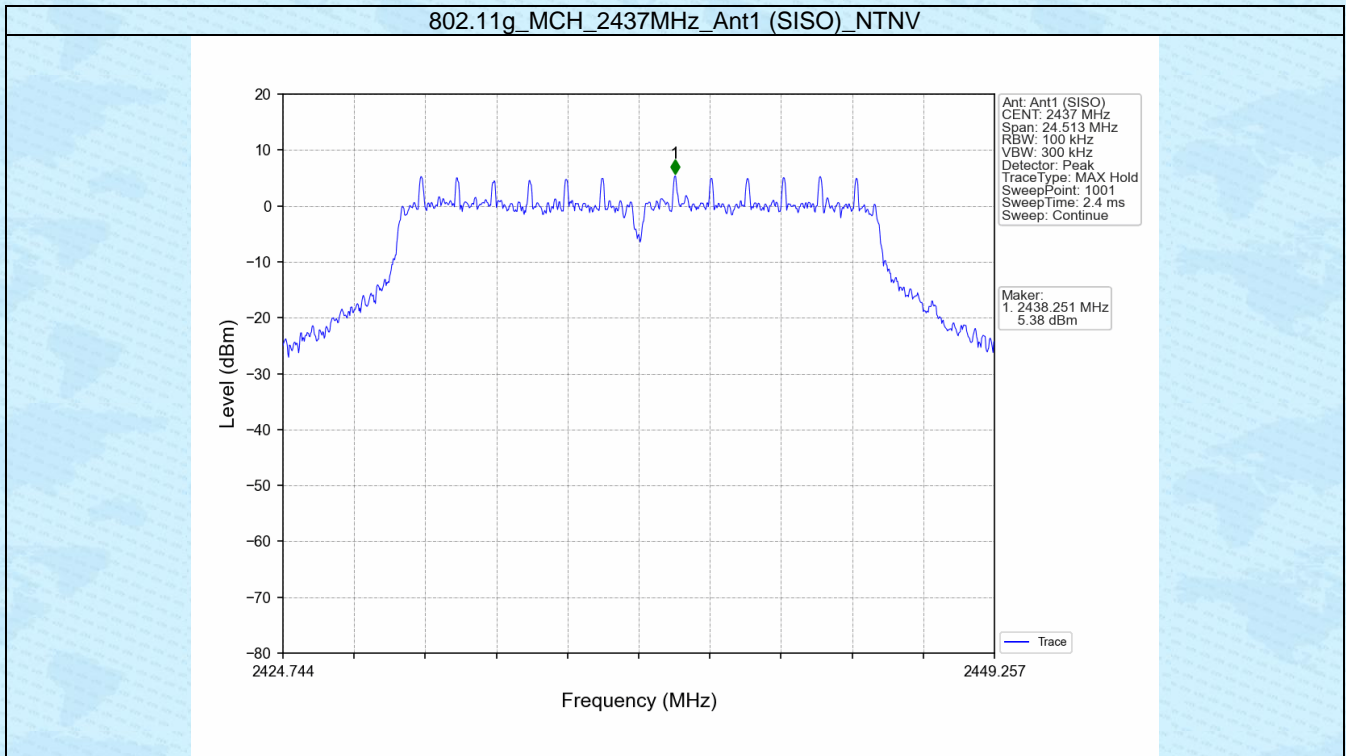
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	9.01
		2437	1	8.89
		2462	1	8.46
802.11g	SISO	2412	1	5.29
		2437	1	5.38
		2462	1	5.02
802.11n (HT20)	SISO	2412	1	4.83
		2437	1	5.13
		2462	1	5.07
802.11n (HT40)	SISO	2422	1	2.03
		2437	1	1.95
		2452	1	1.85

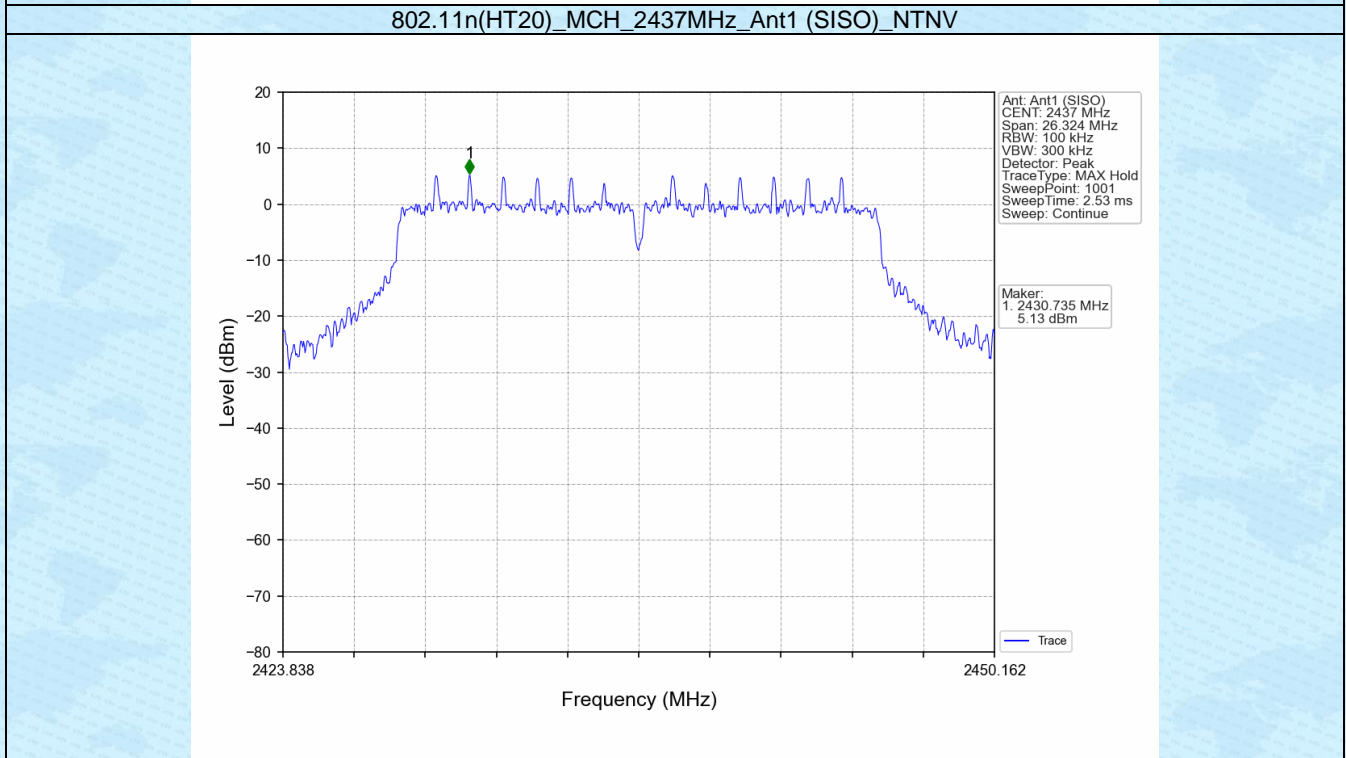
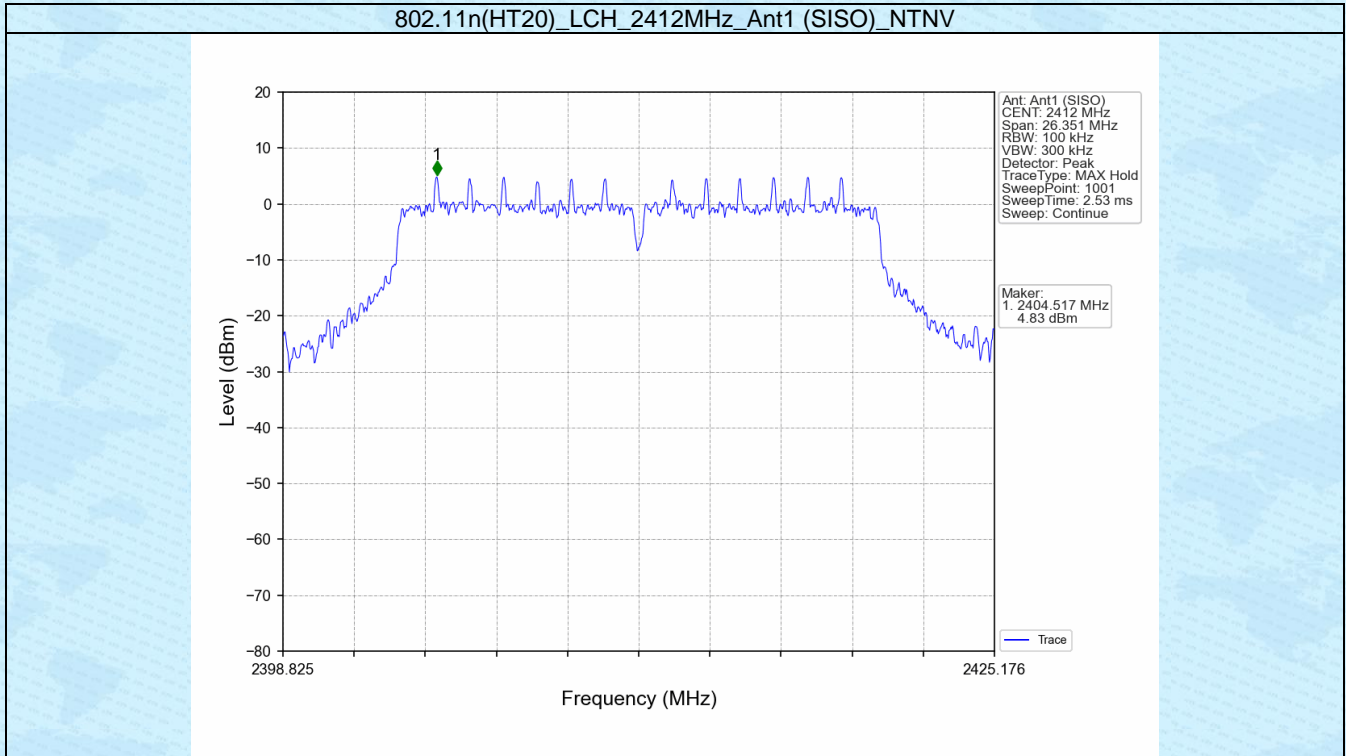
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

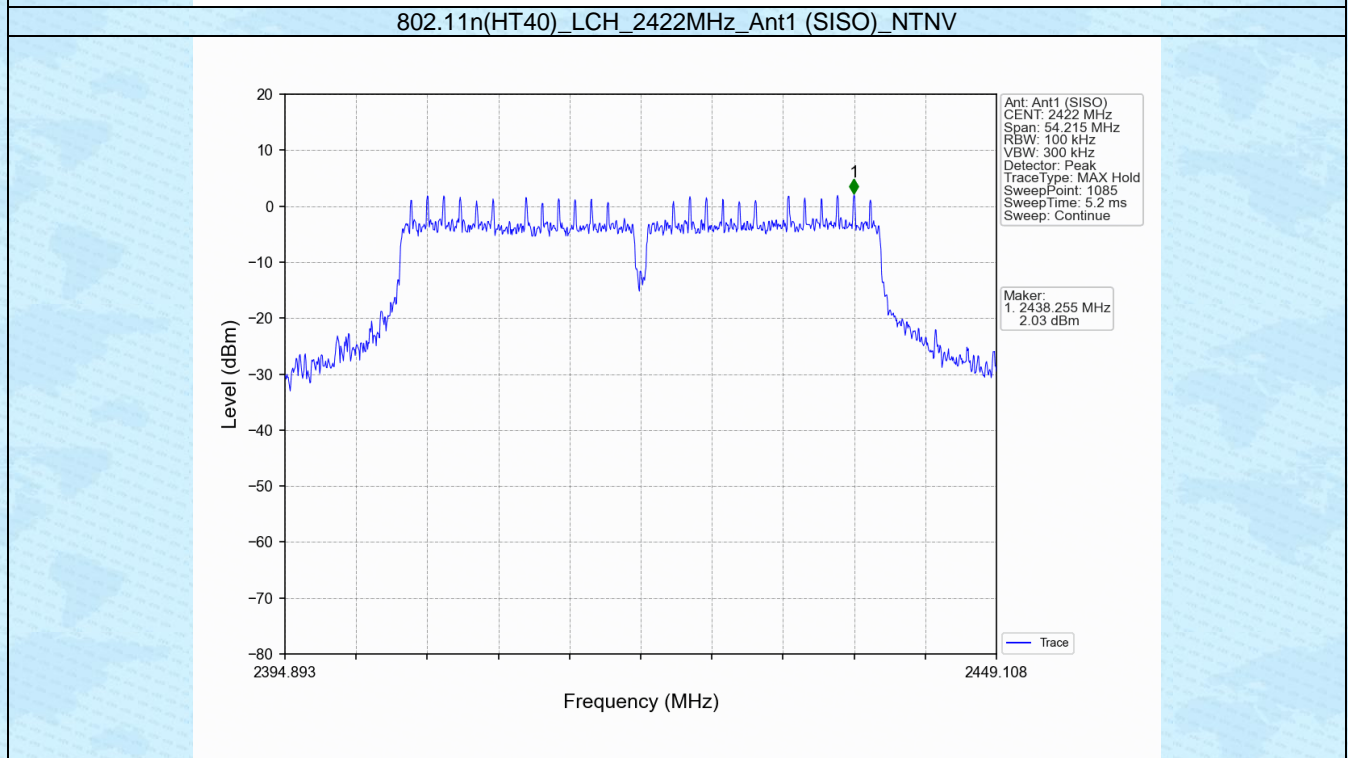
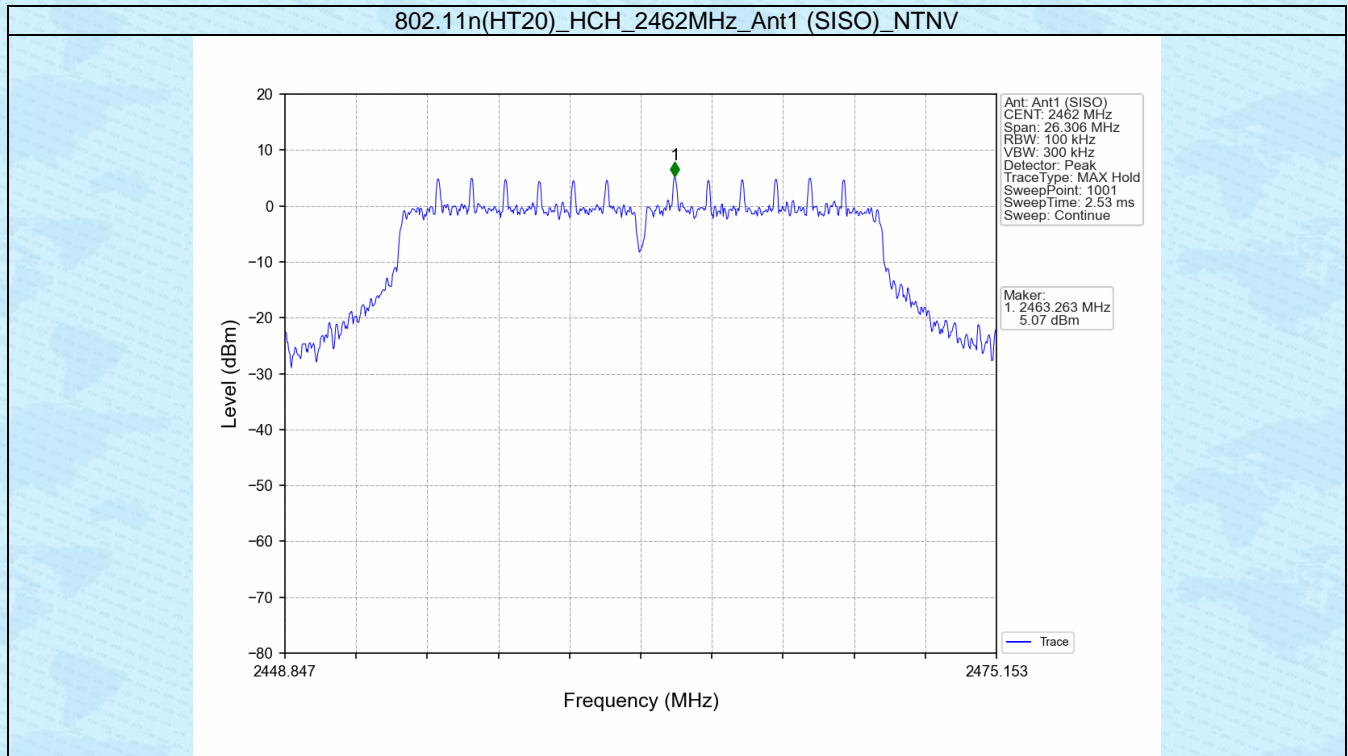
5.1.2 Test Graph



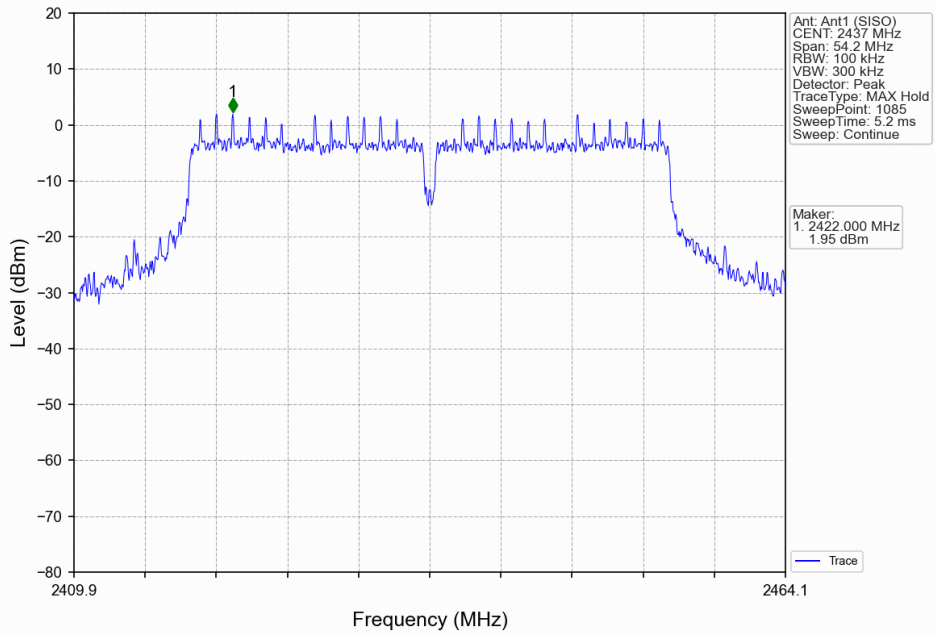




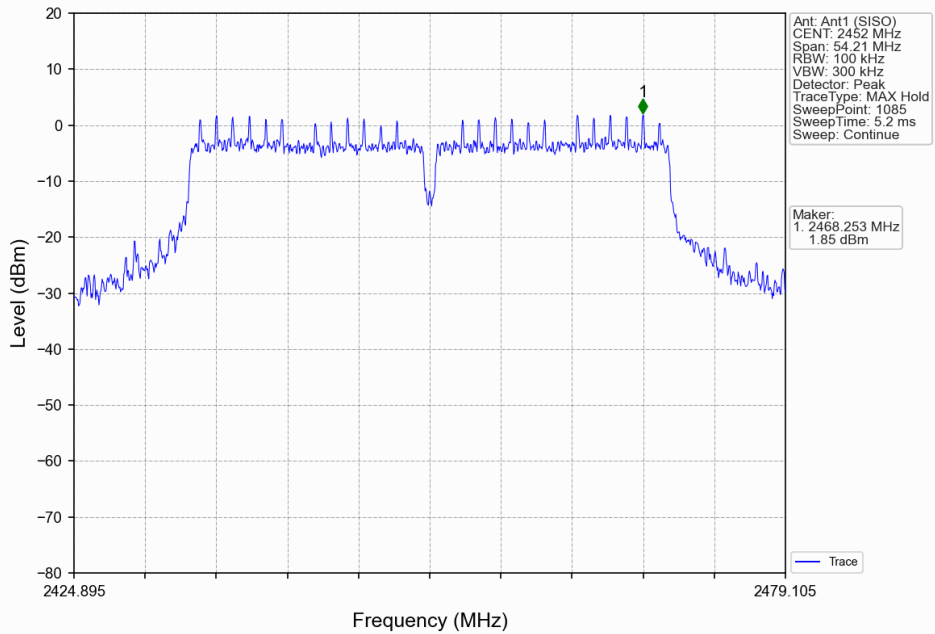




802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



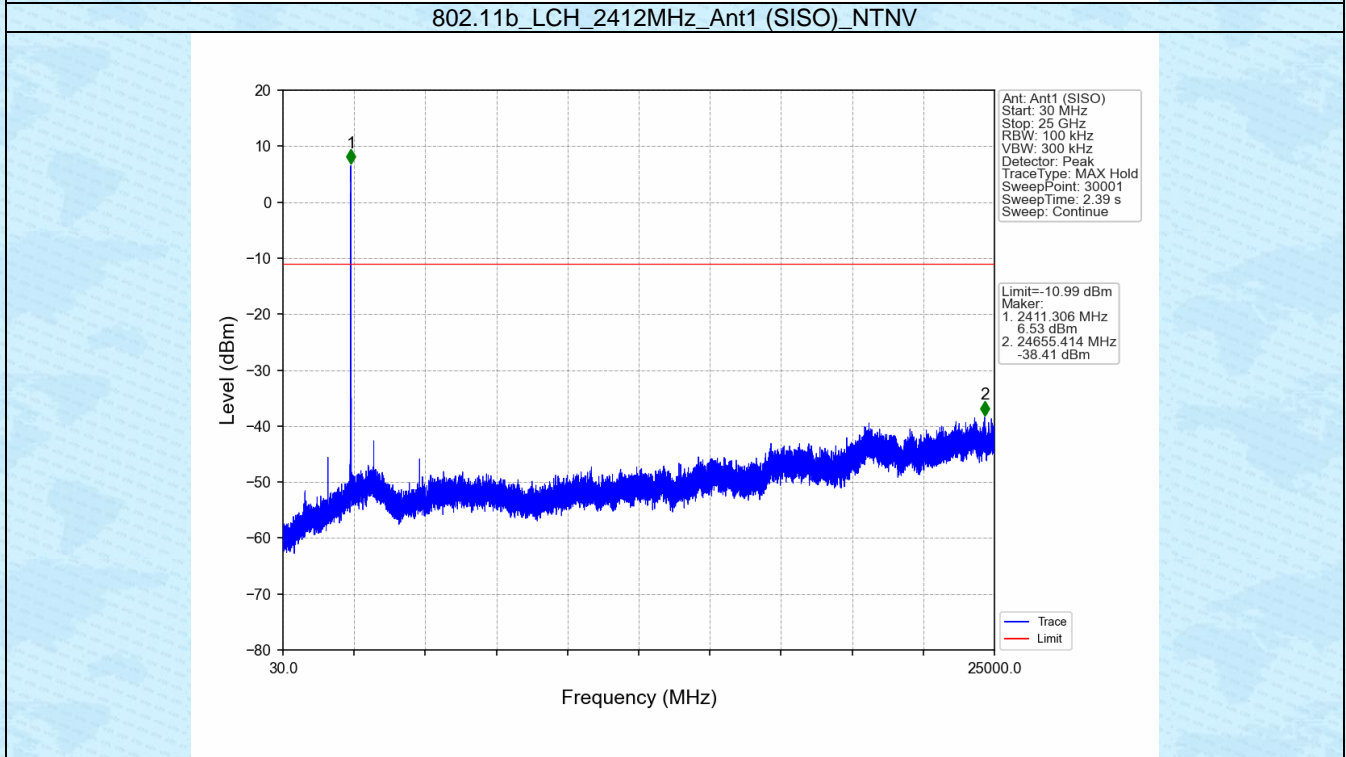
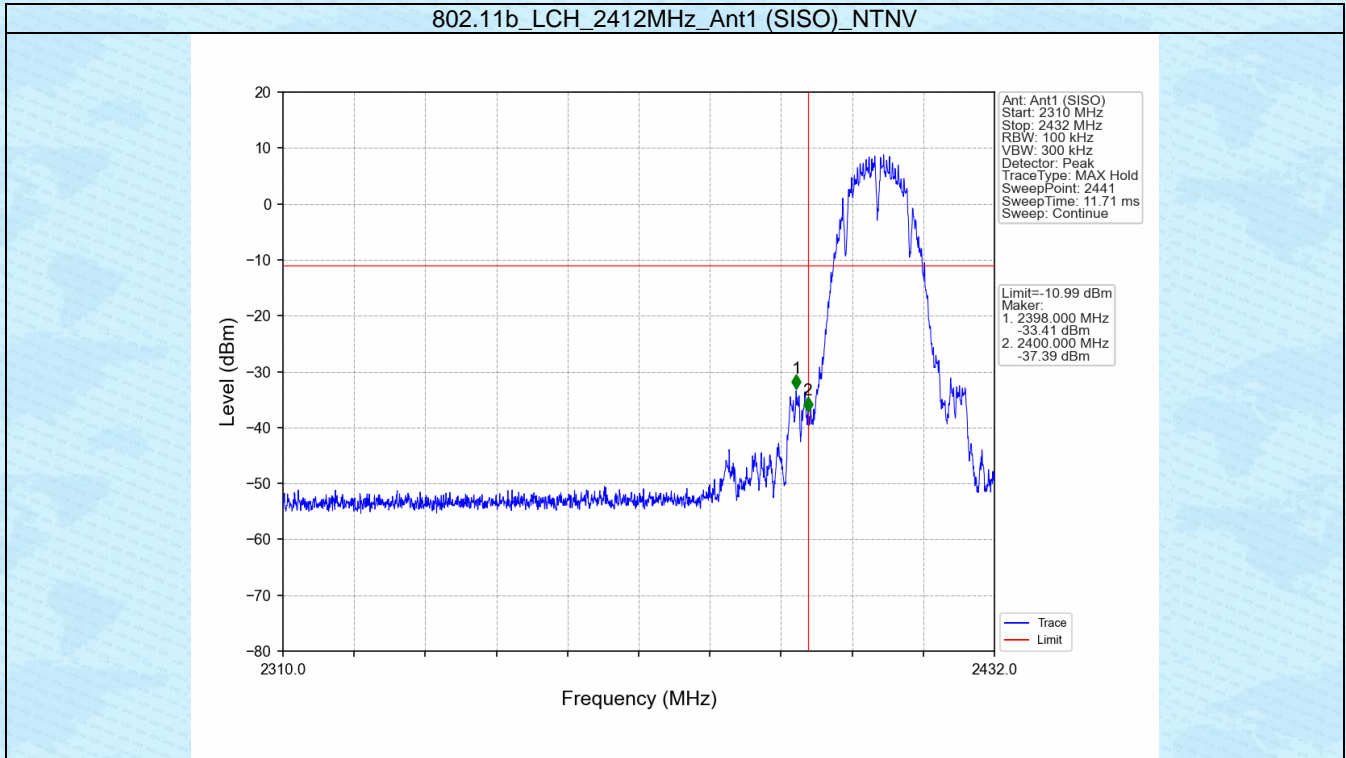
5.2 CSE

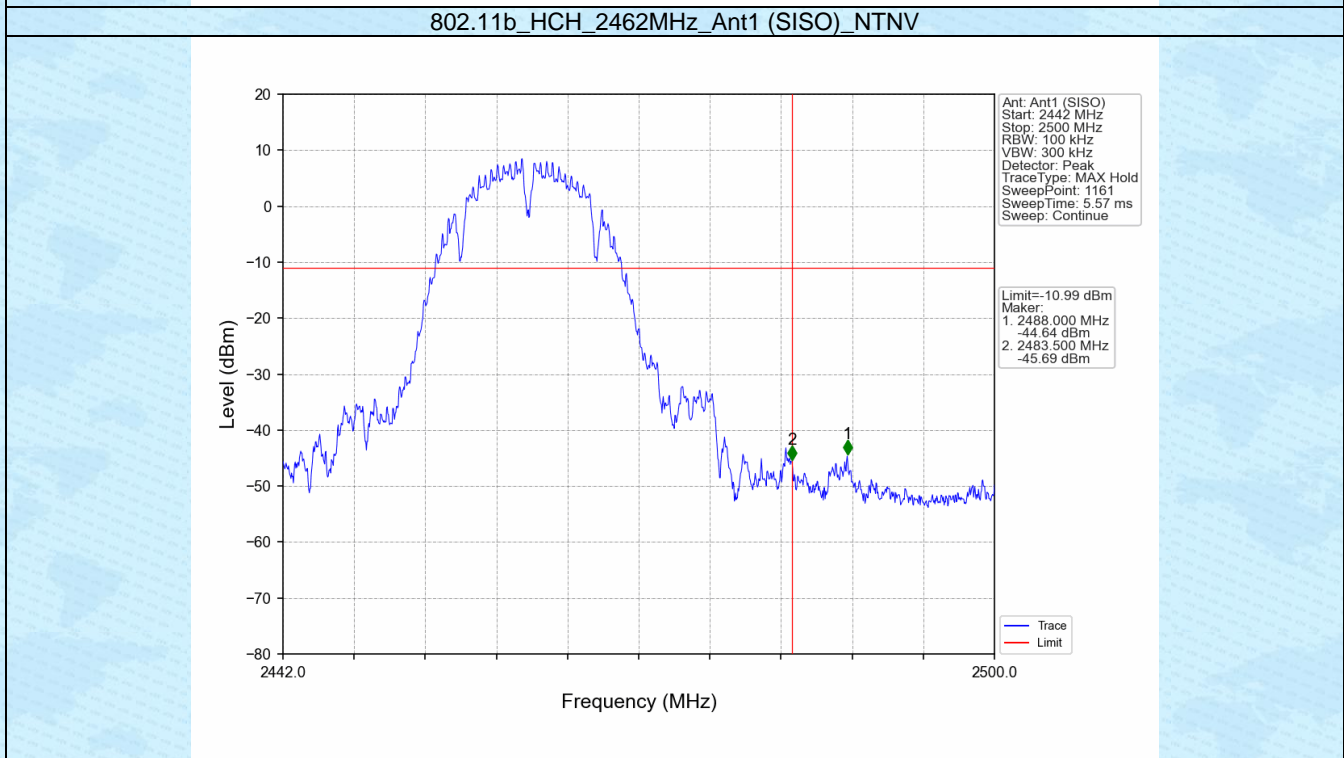
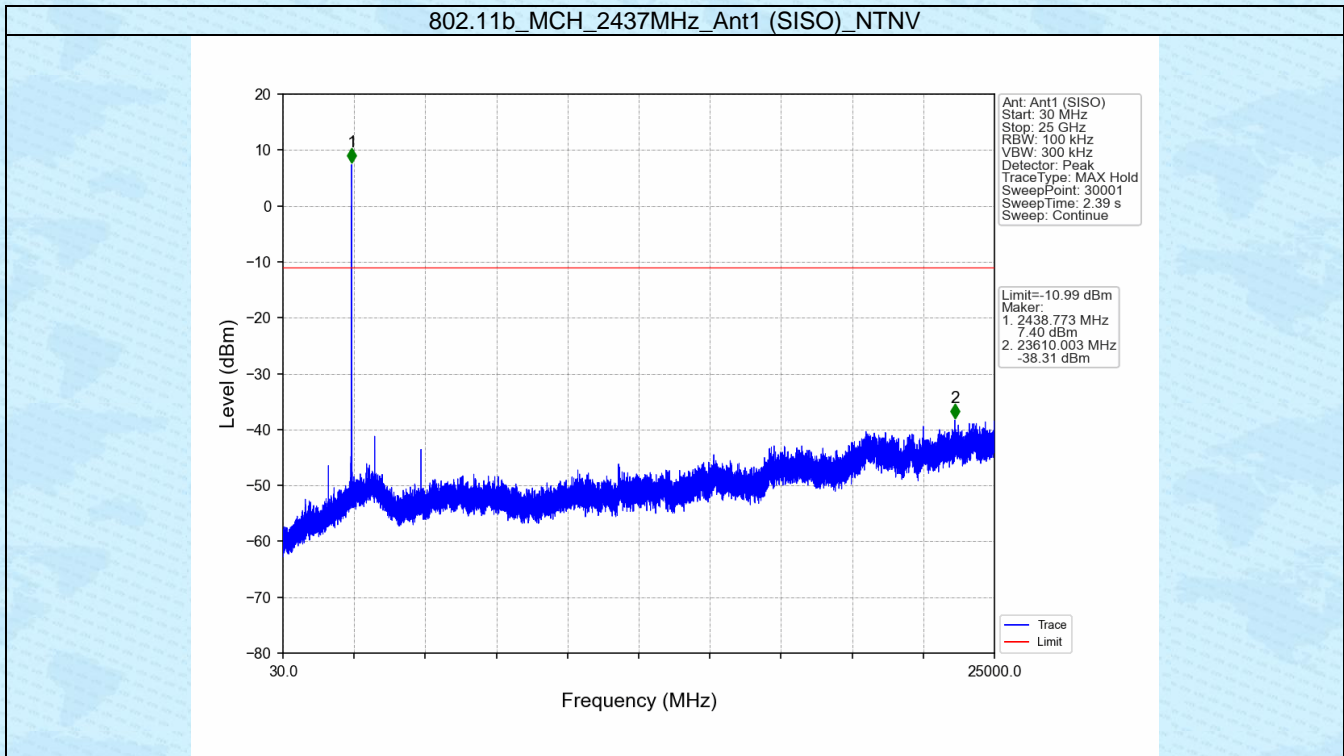
5.2.1 Test Result

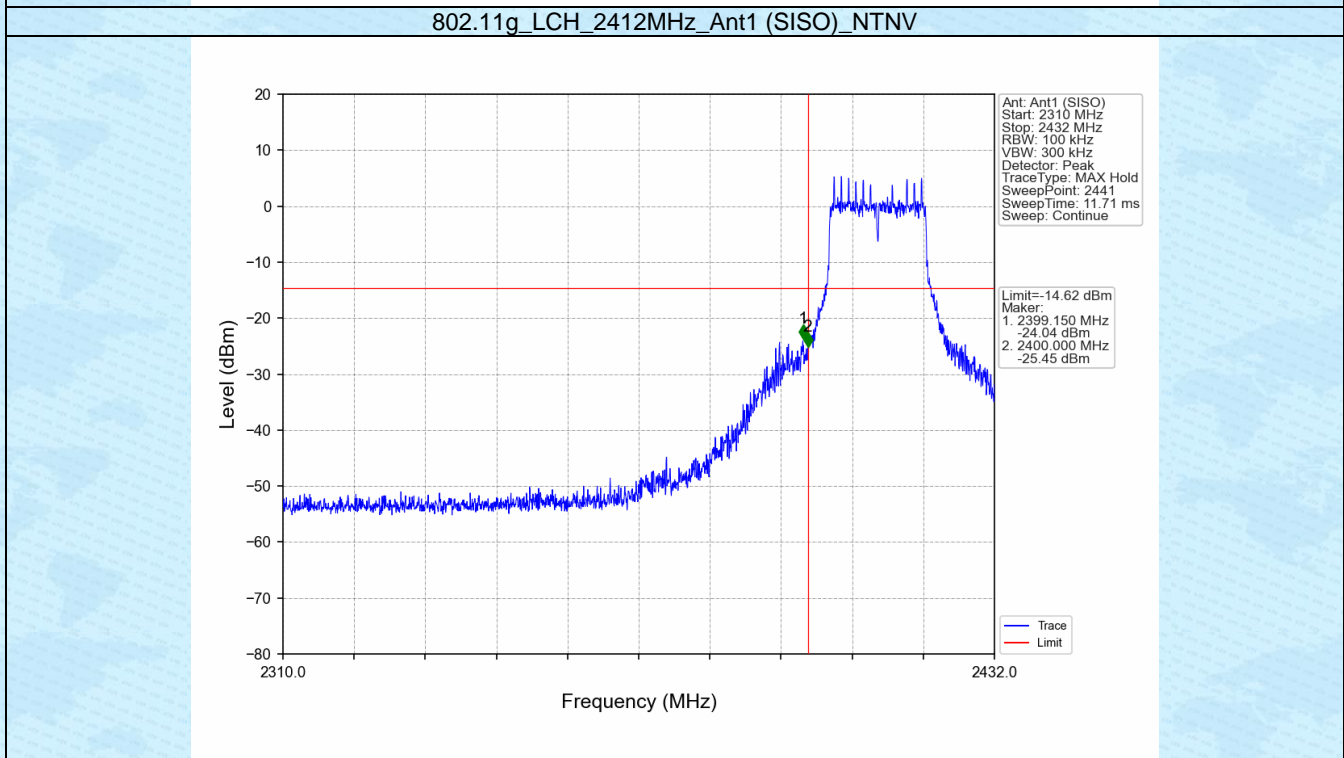
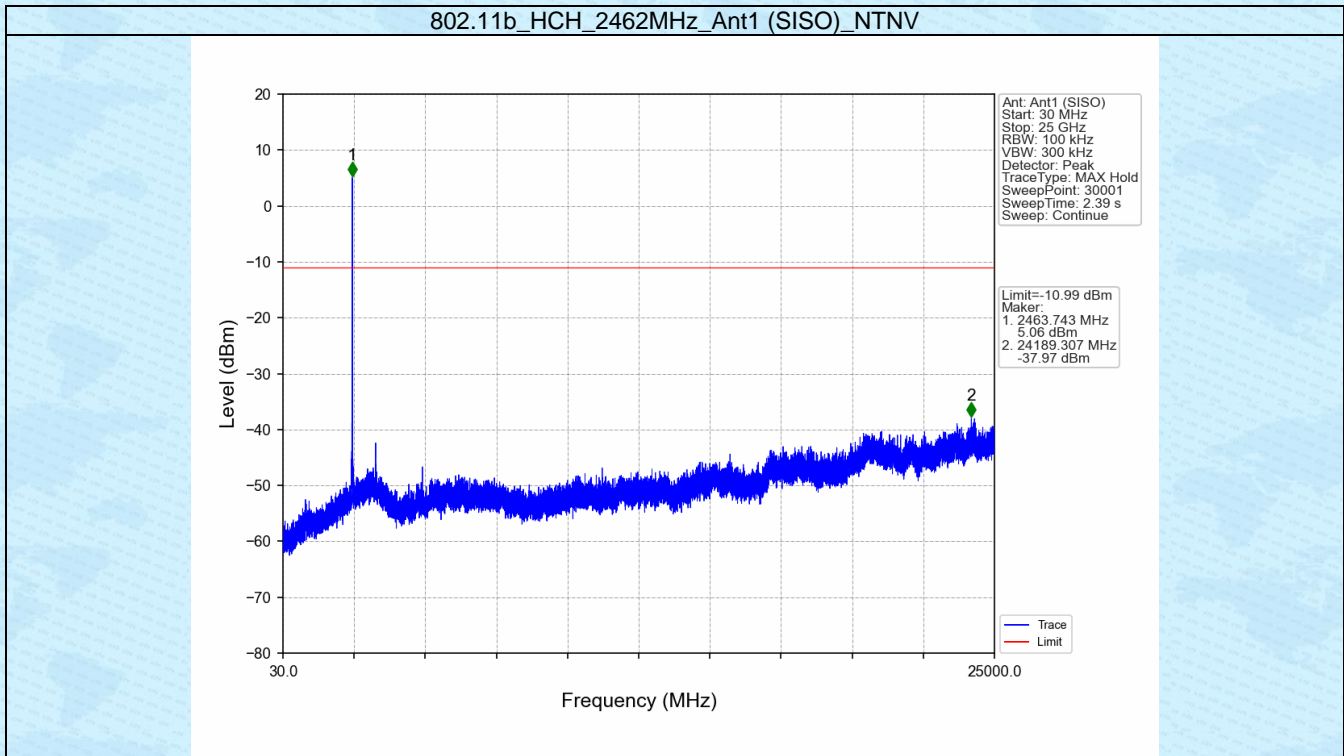
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.01	-10.99	Pass
		2437	1	9.01	-10.99	Pass
		2462	1	9.01	-10.99	Pass
802.11g	SISO	2412	1	5.38	-14.62	Pass
		2437	1	5.38	-14.62	Pass
		2462	1	5.38	-14.62	Pass
802.11n (HT20)	SISO	2412	1	5.13	-14.87	Pass
		2437	1	5.13	-14.87	Pass
		2462	1	5.13	-14.87	Pass
802.11n (HT40)	SISO	2422	1	2.03	-17.97	Pass
		2437	1	2.03	-17.97	Pass
		2452	1	2.03	-17.97	Pass

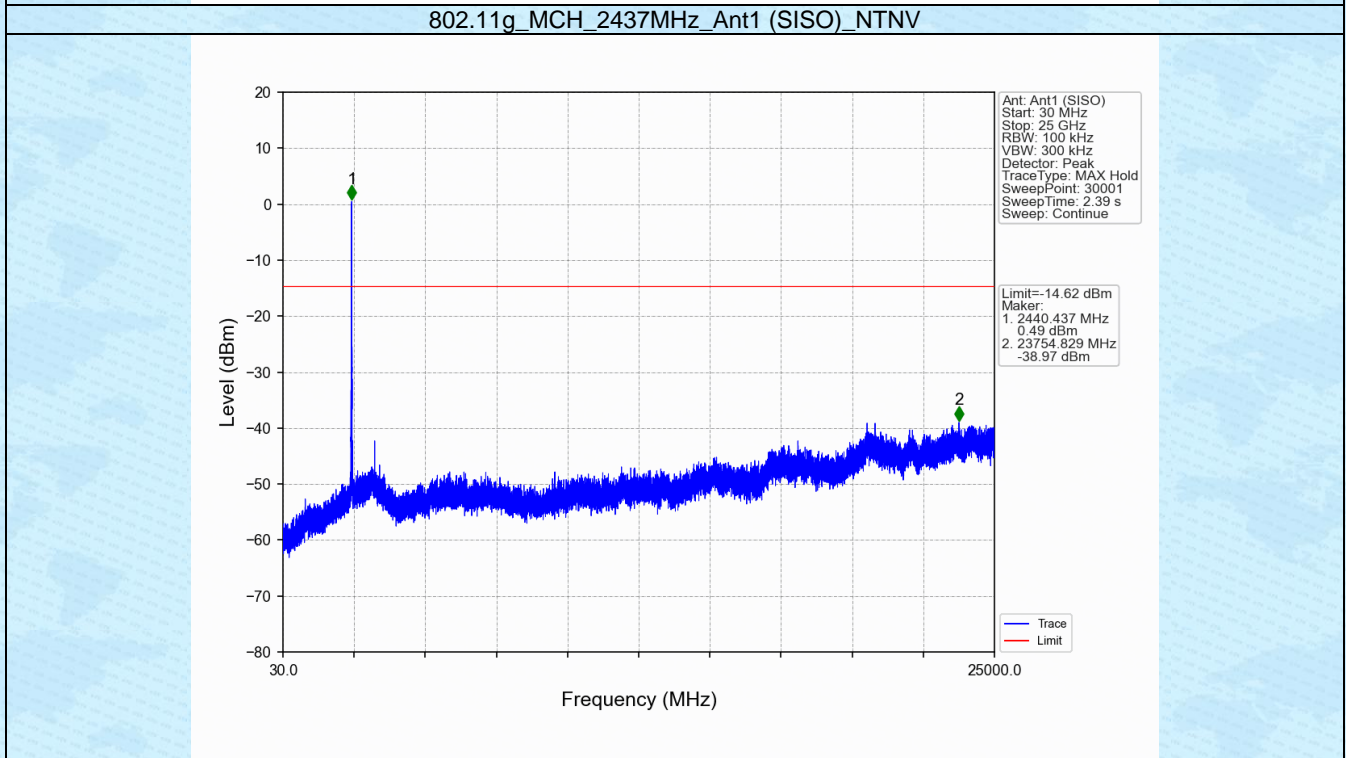
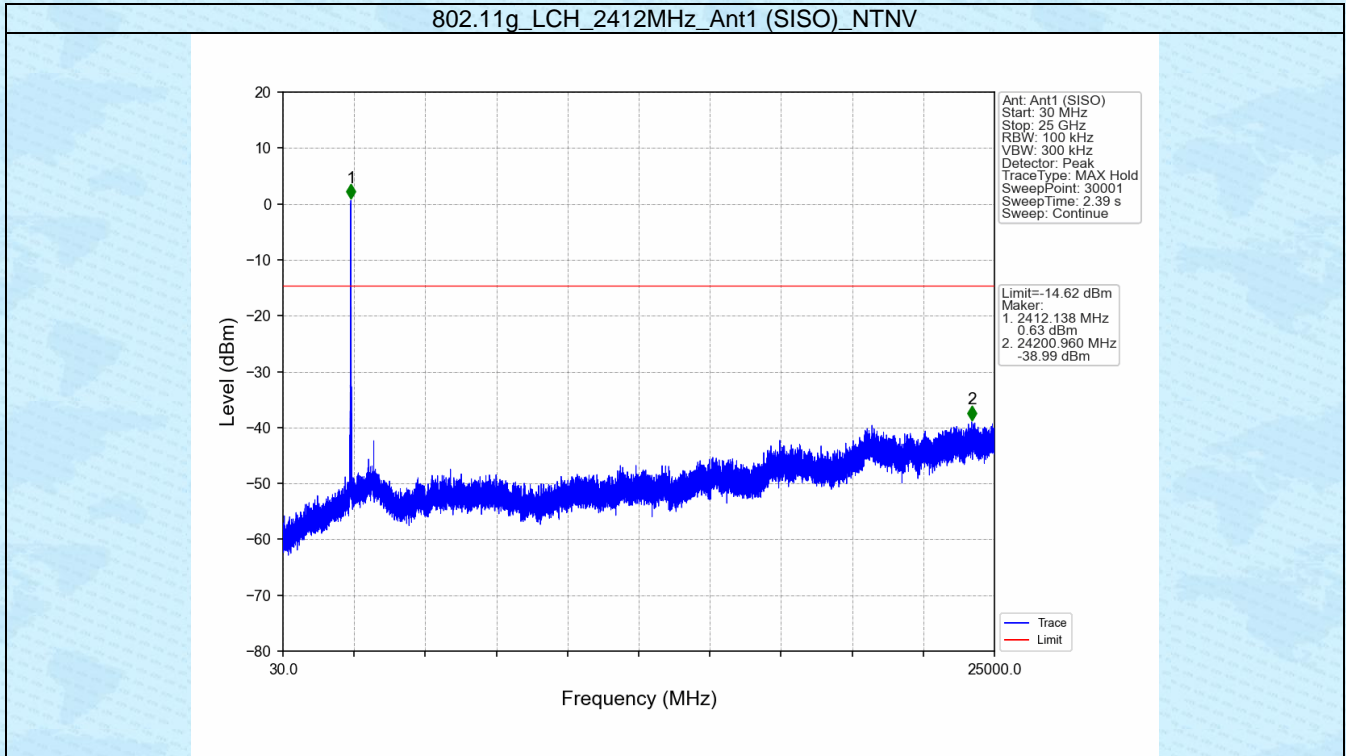
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

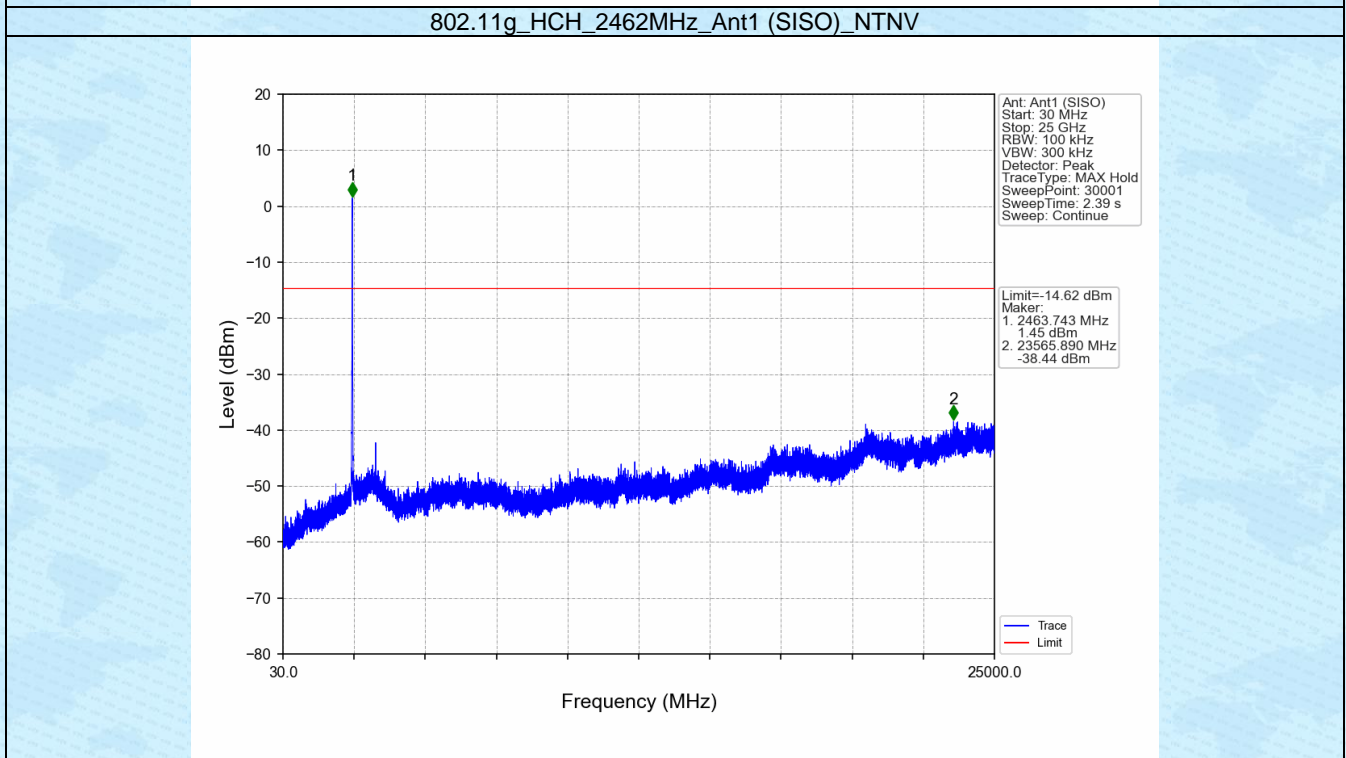
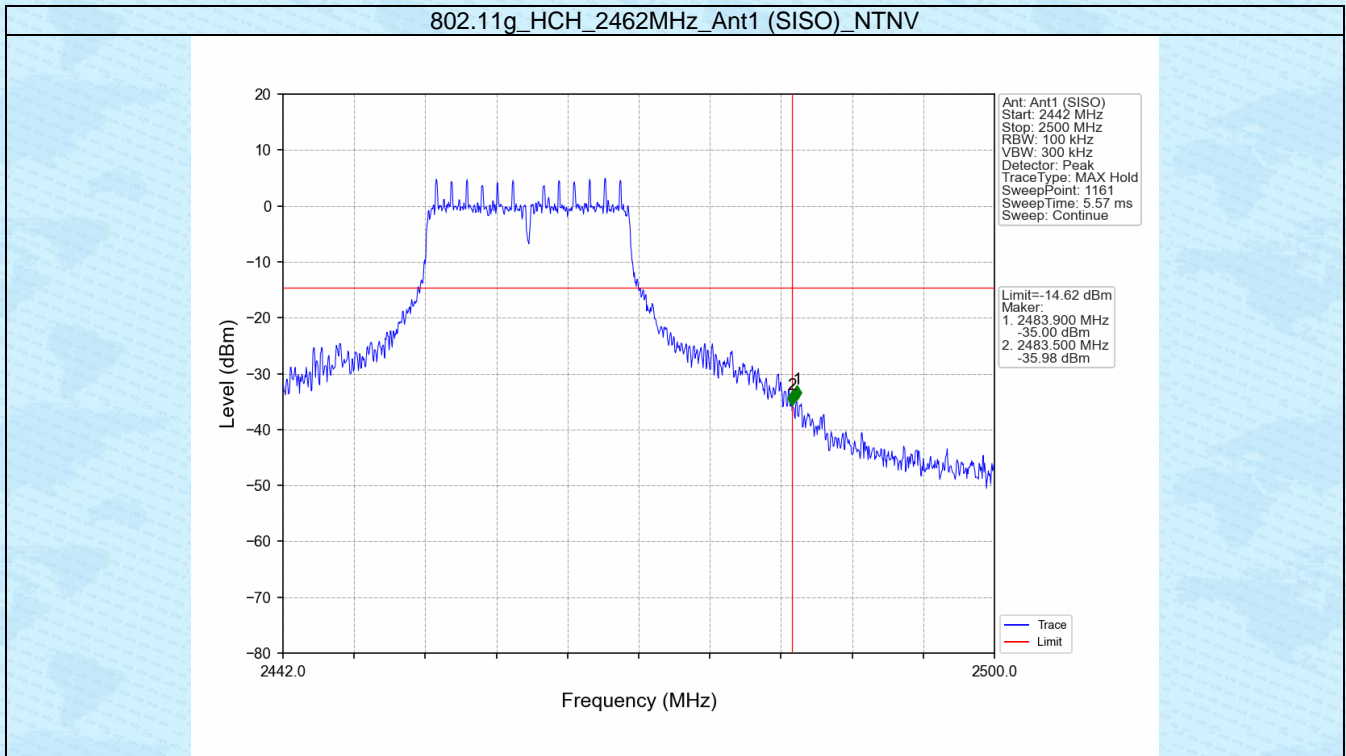
5.2.2 Test Graph

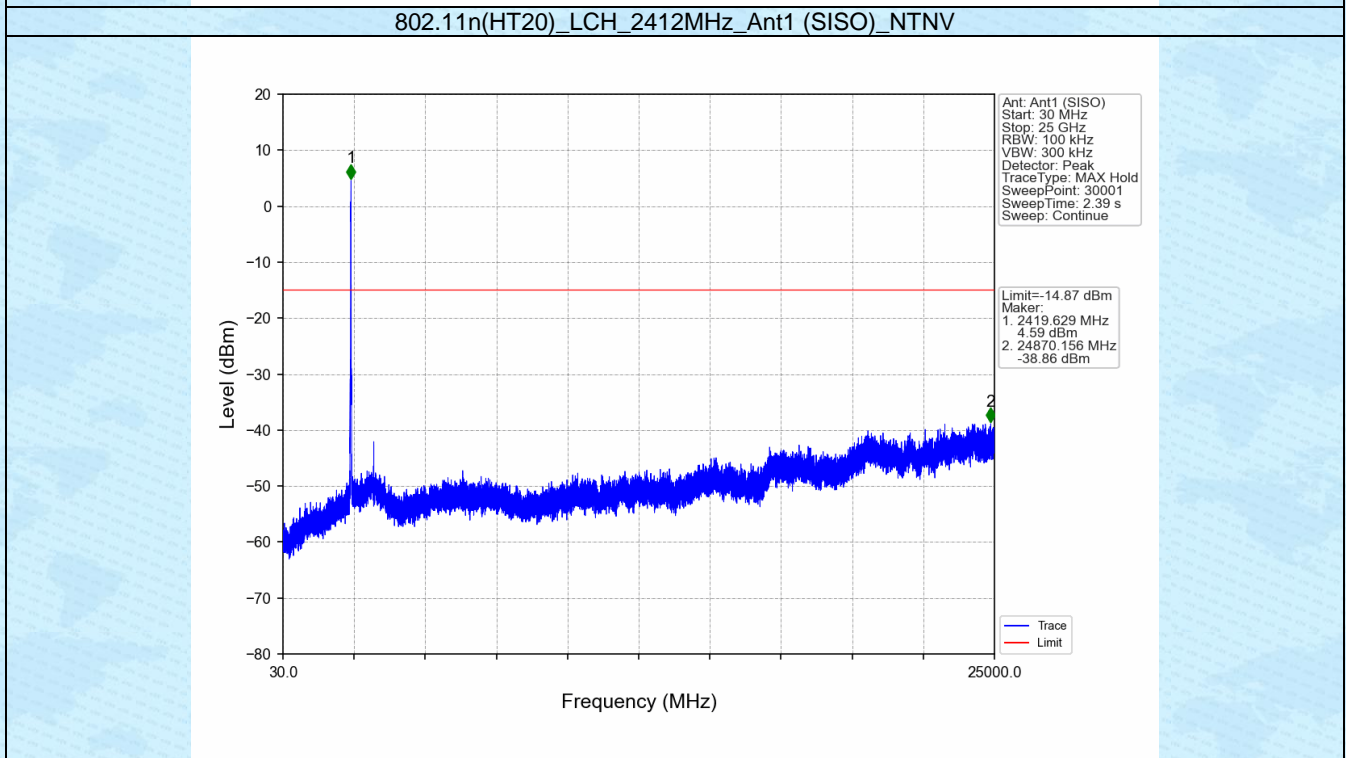
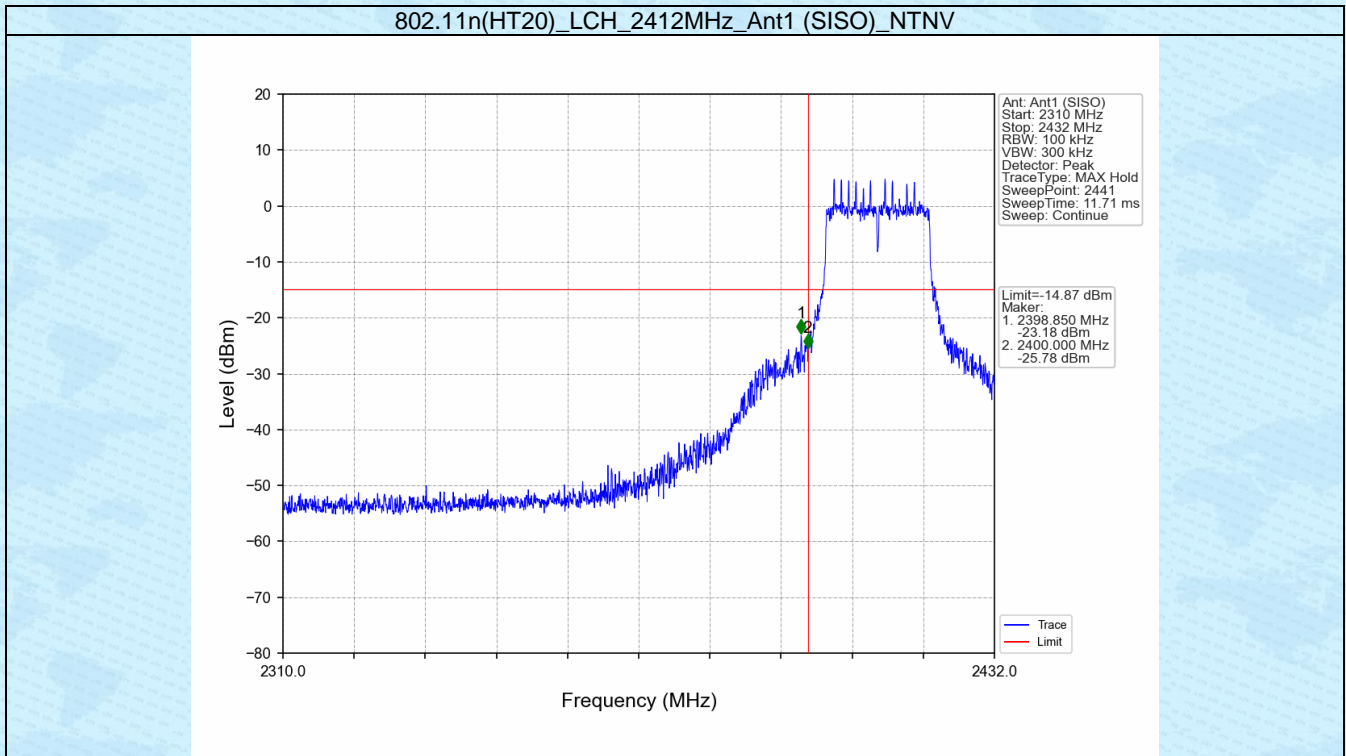




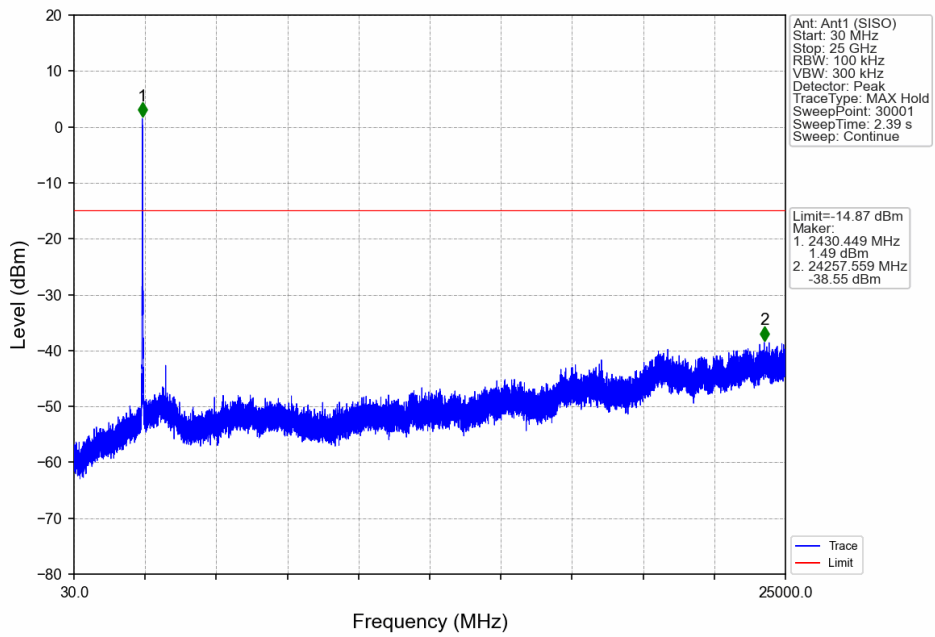




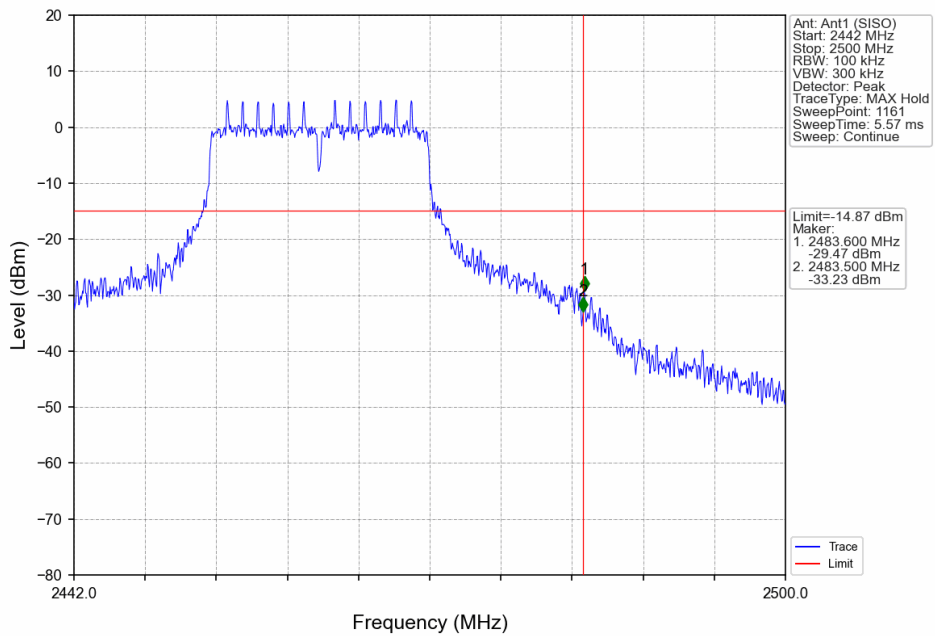


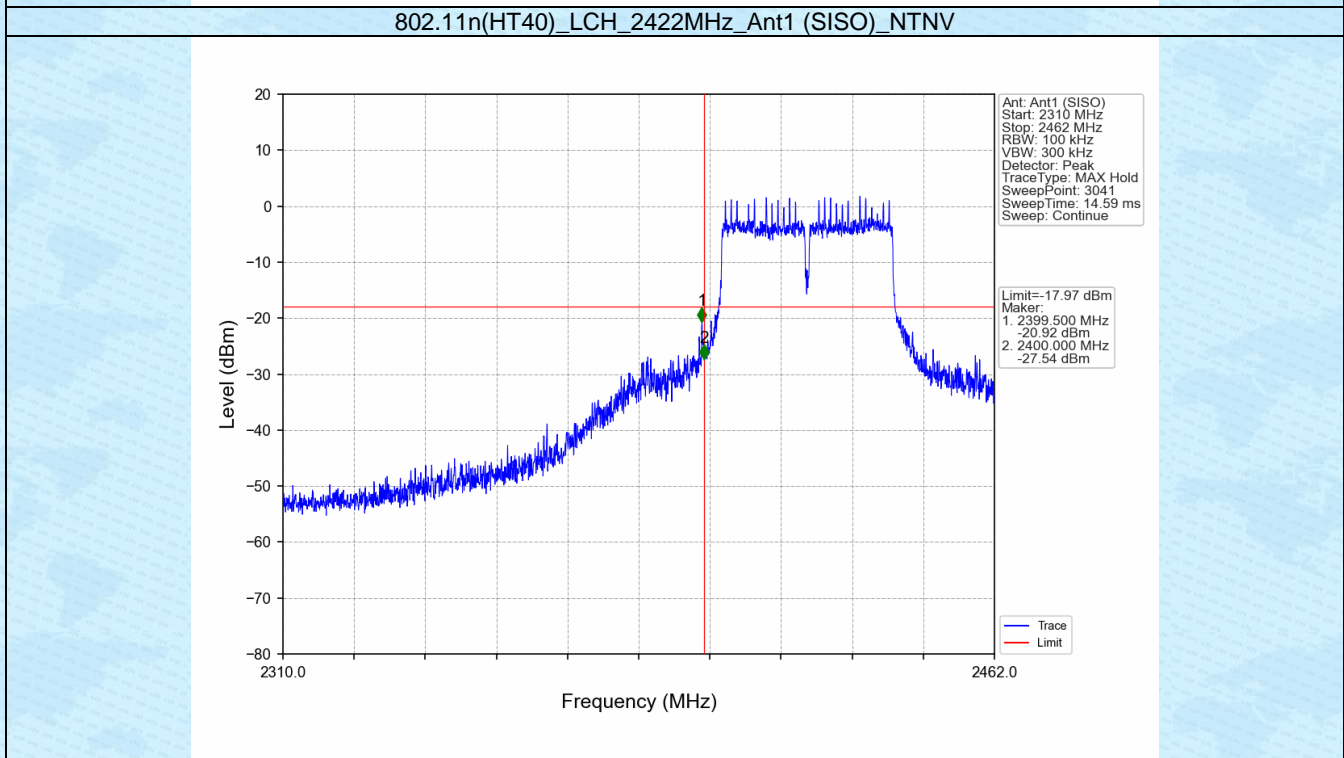
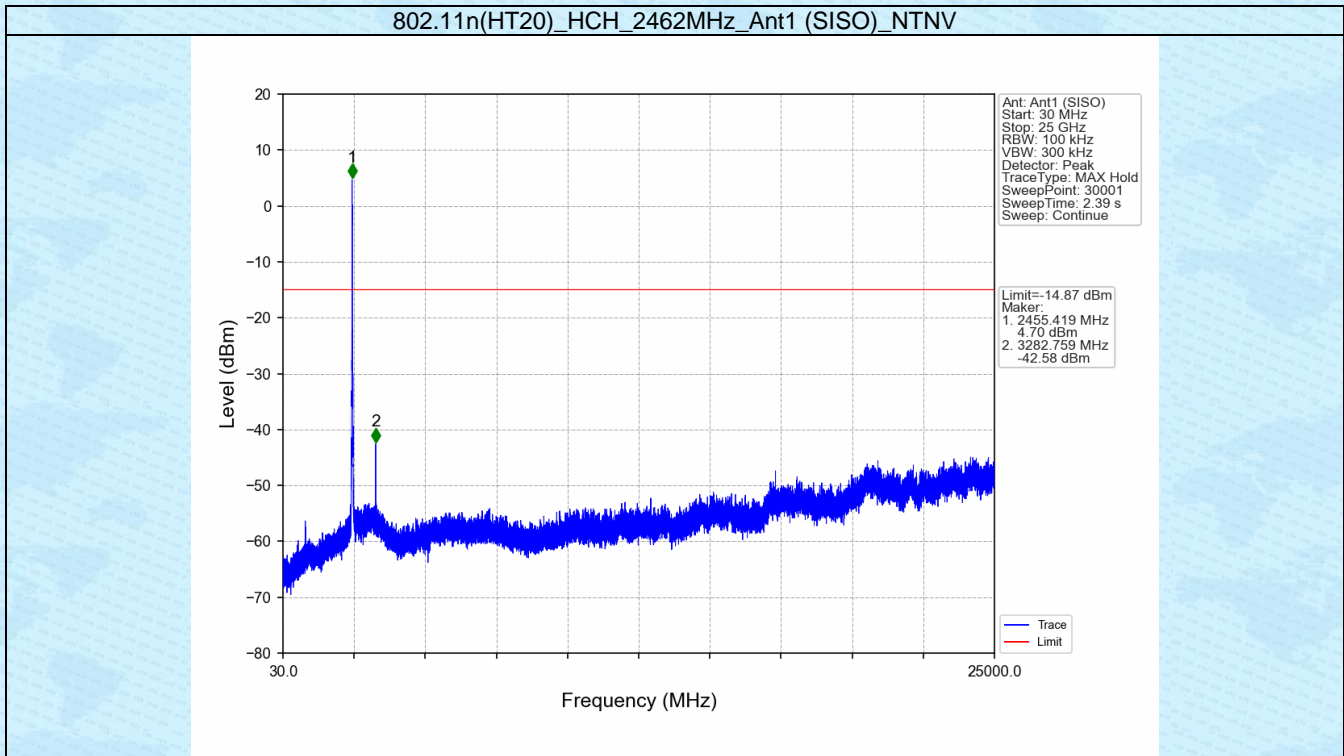


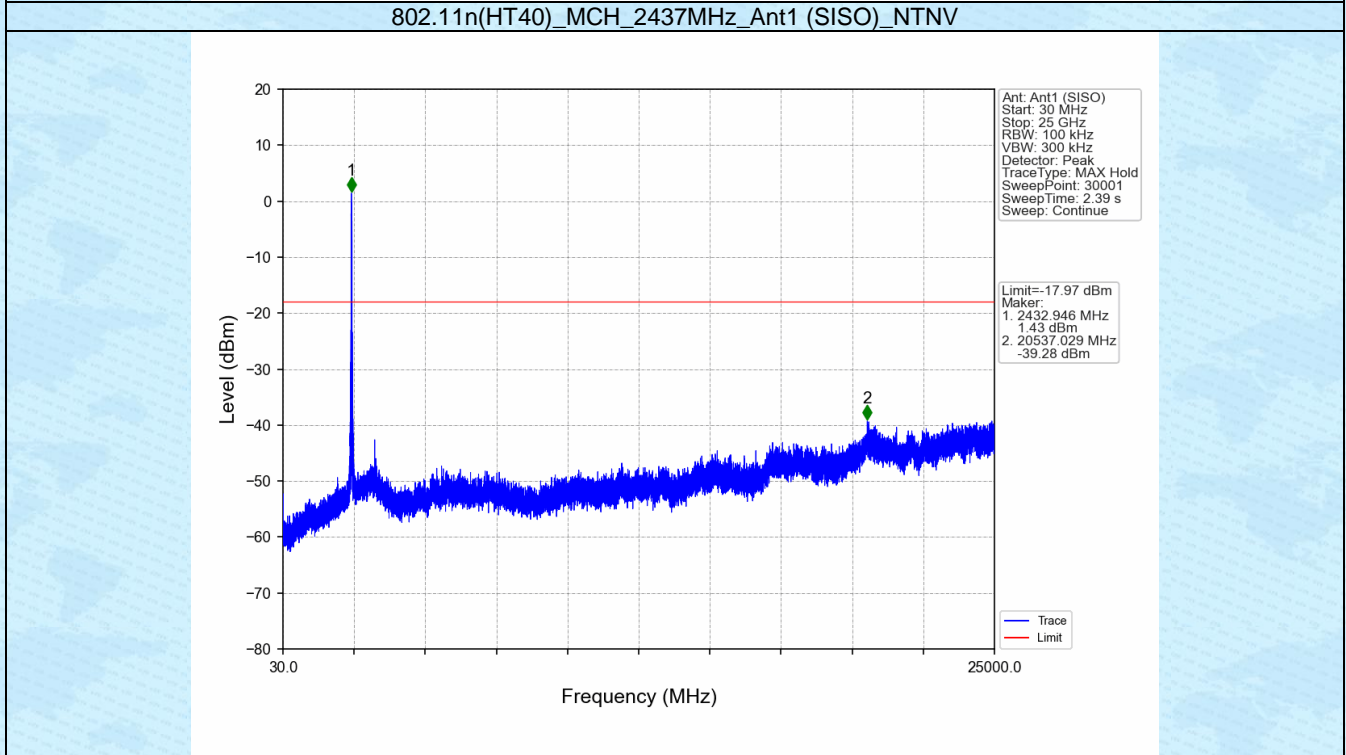
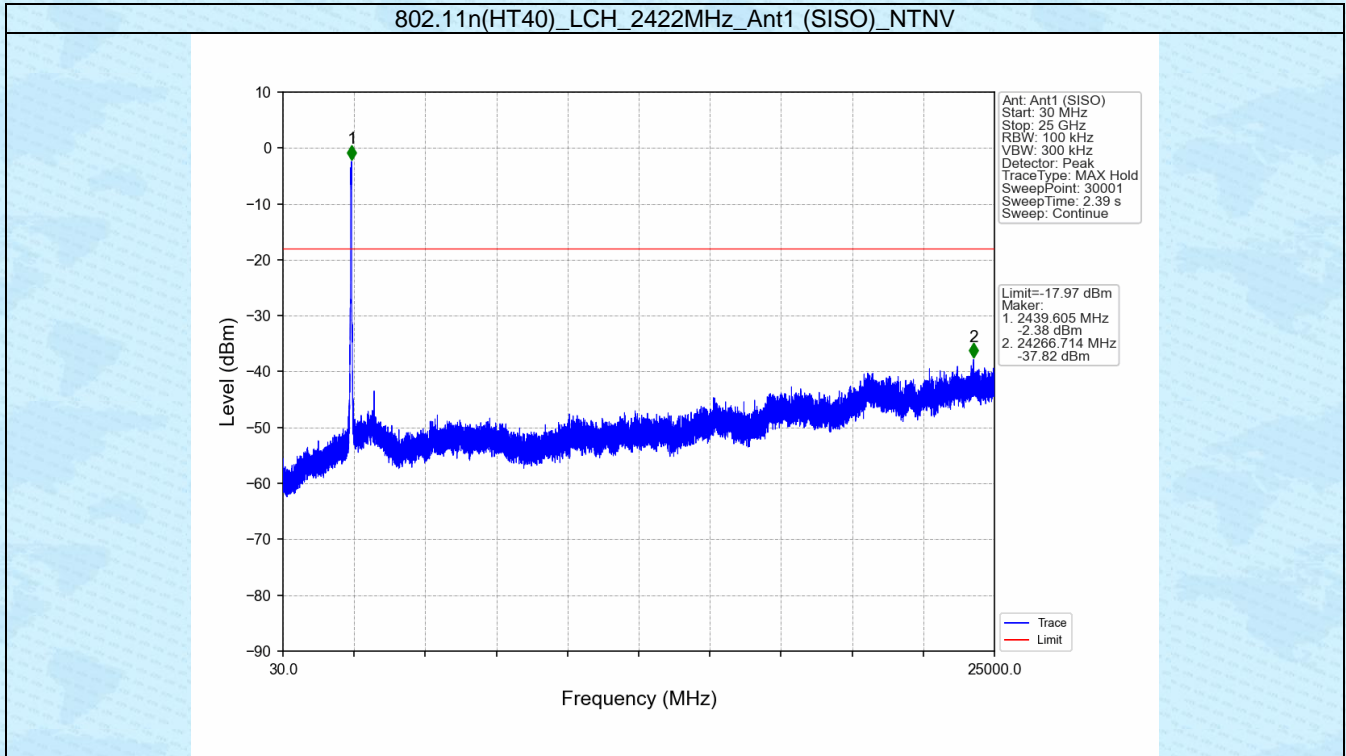
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

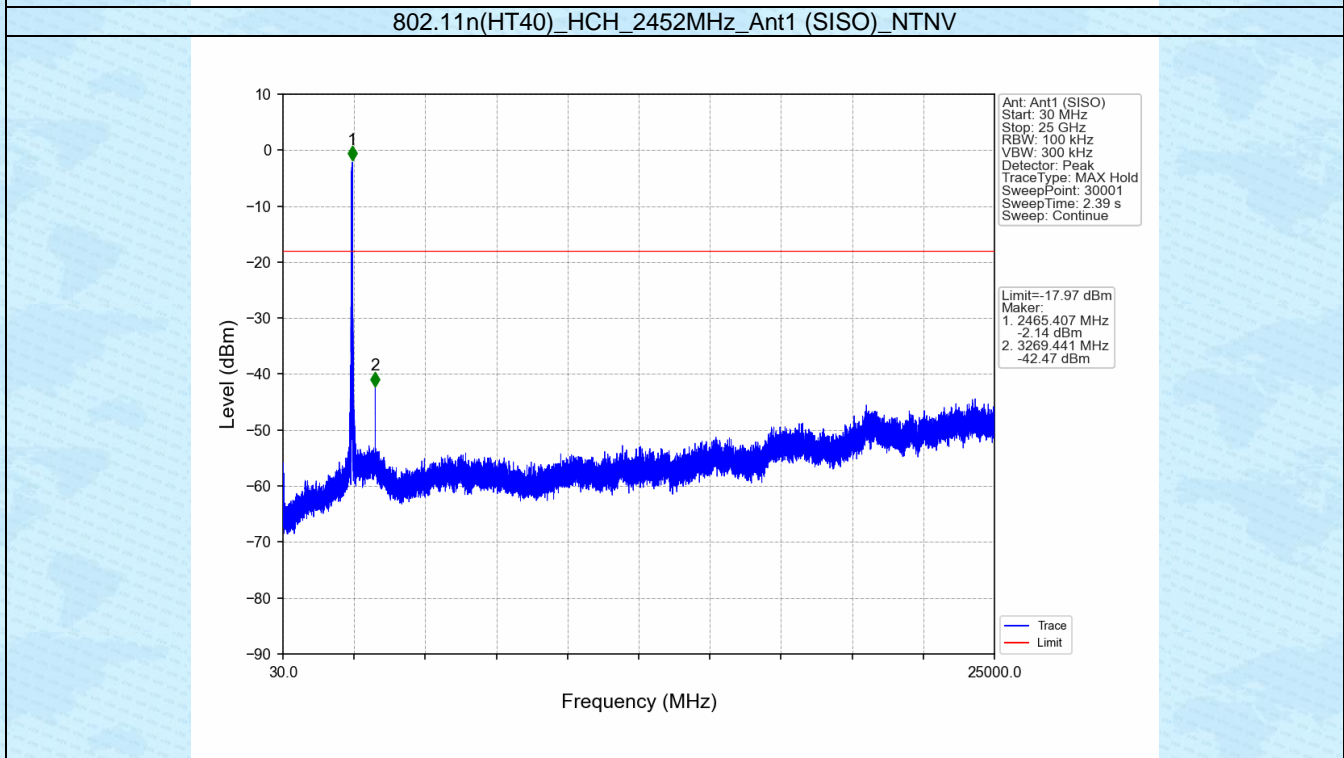
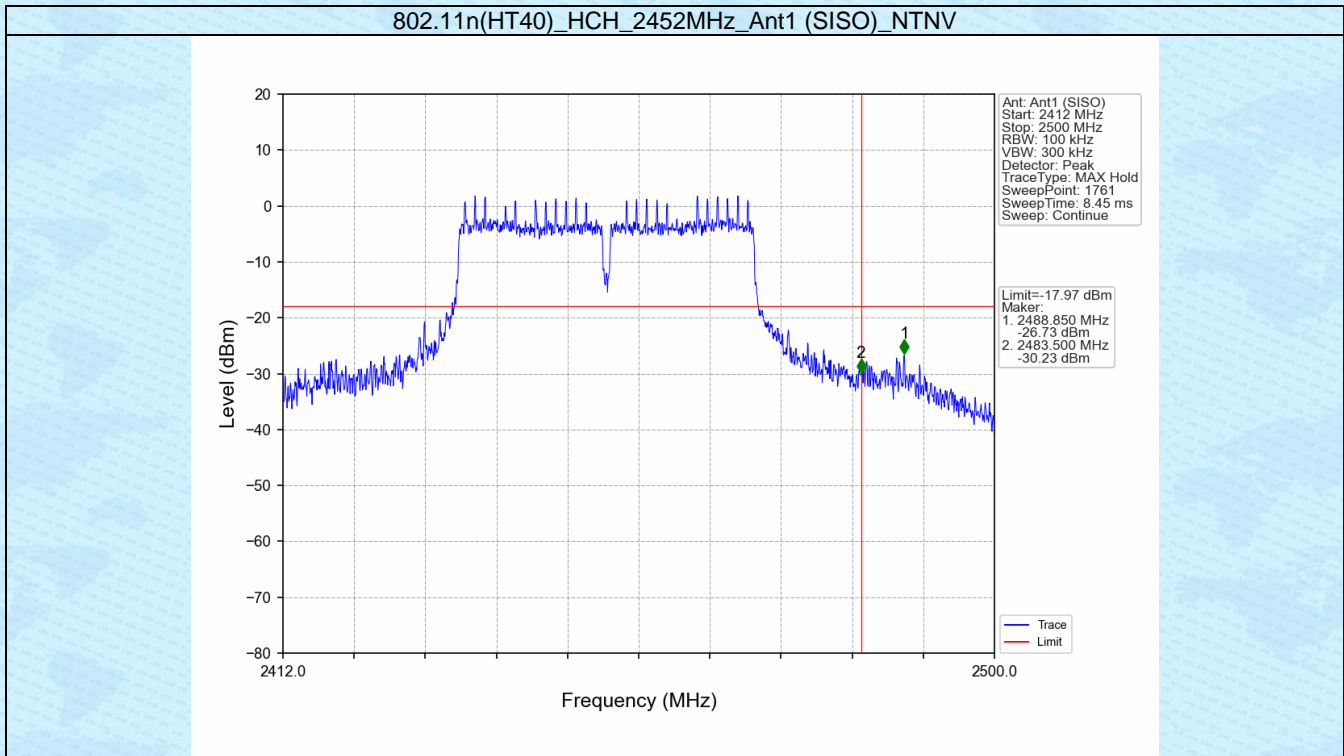


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV









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