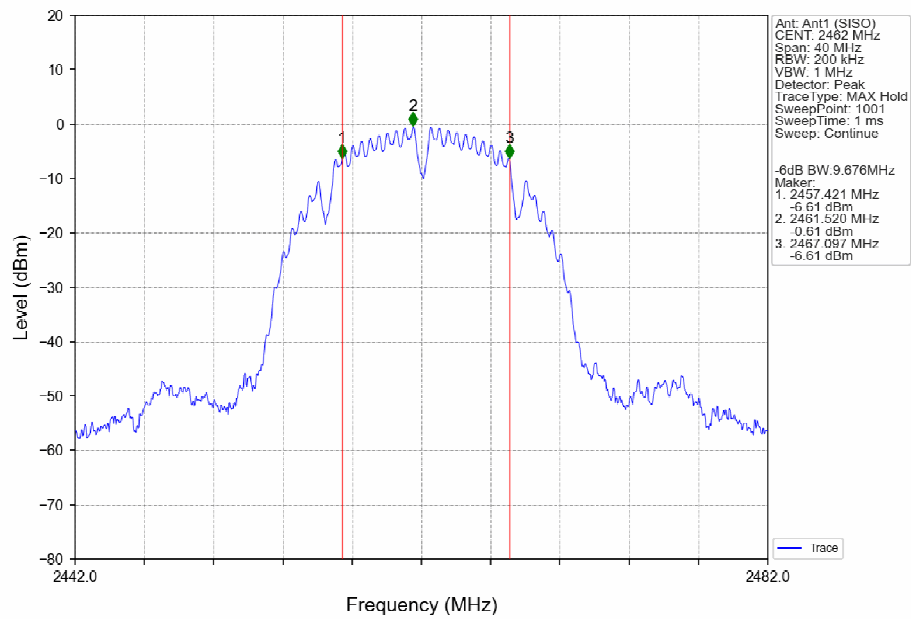
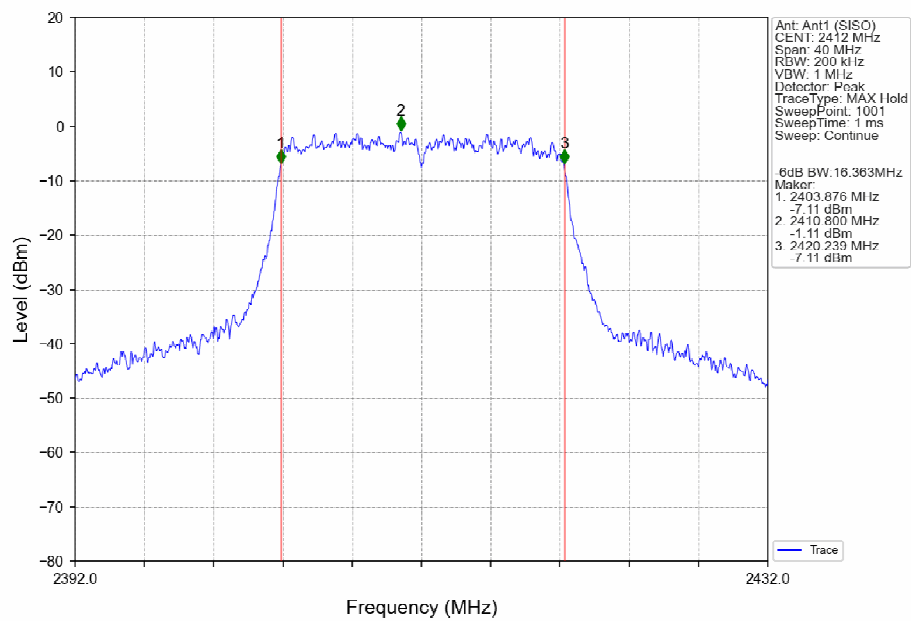


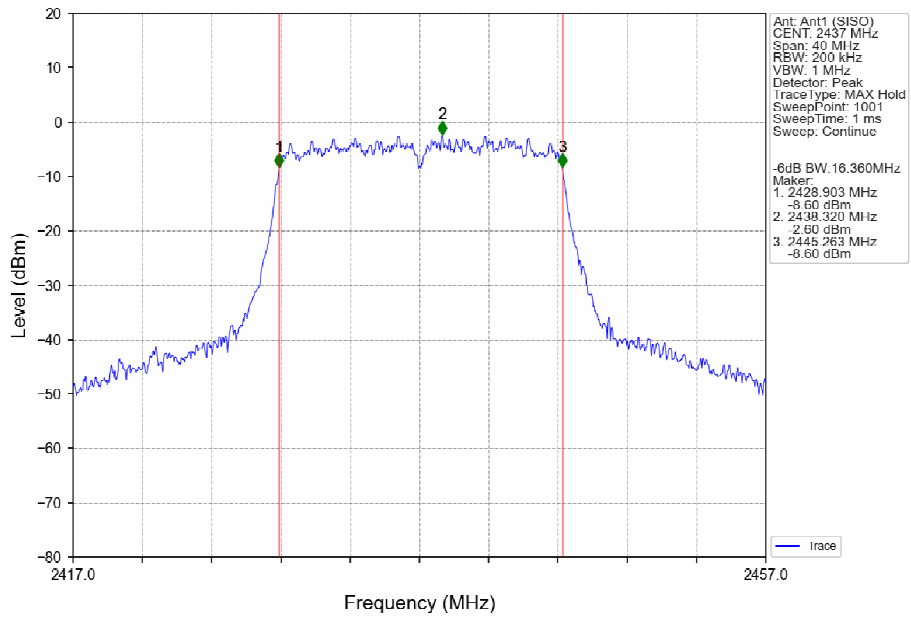
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



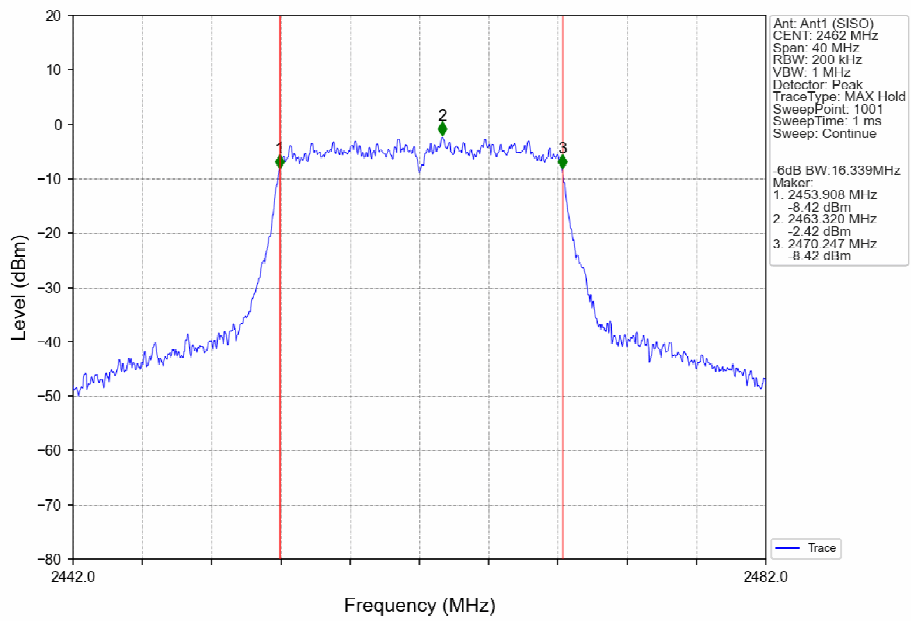
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



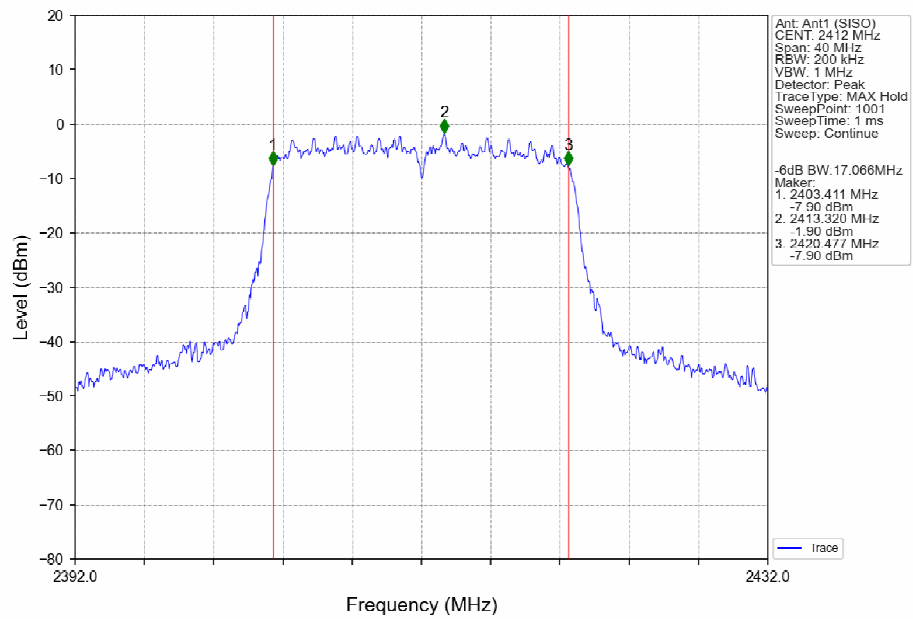
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



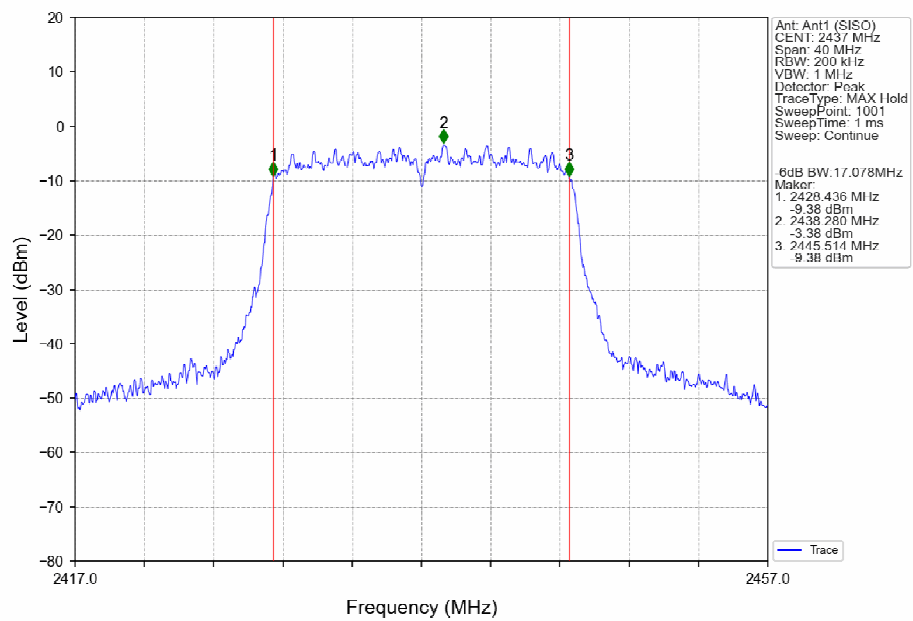
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



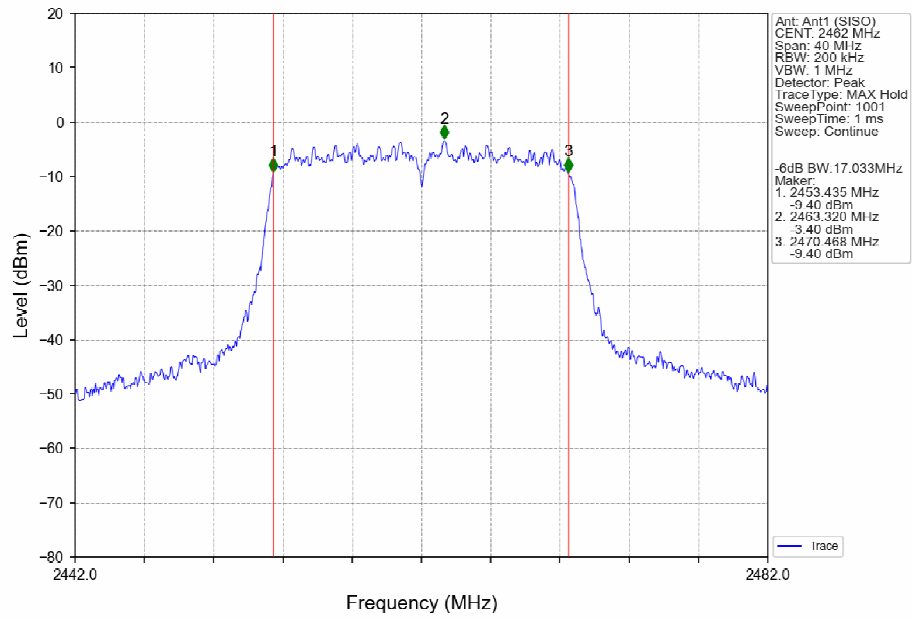
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



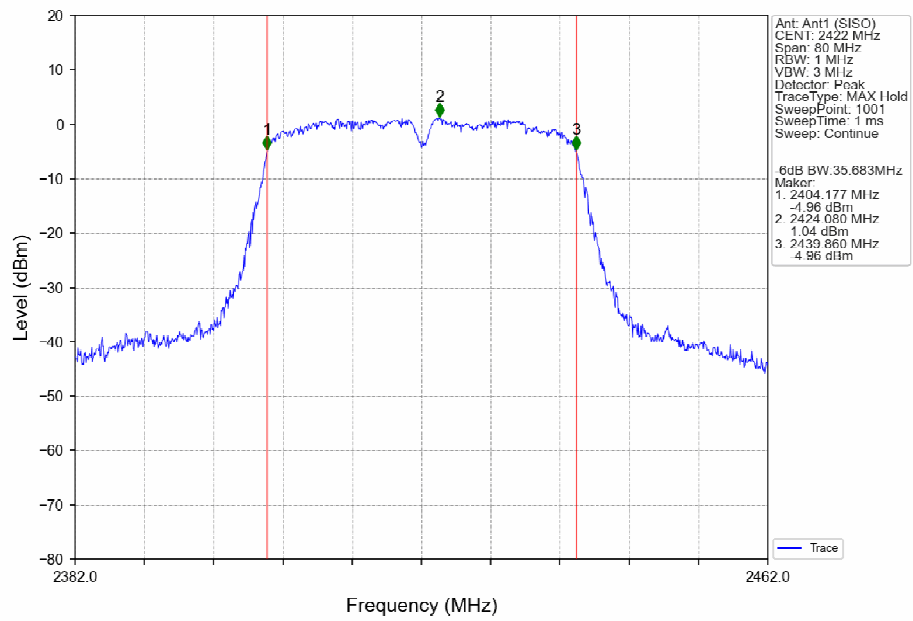
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



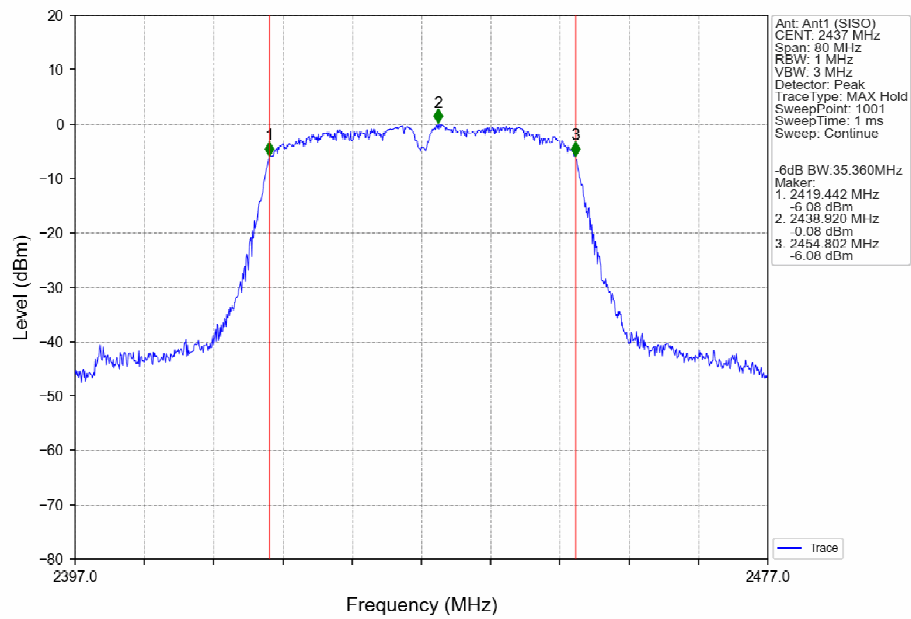
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



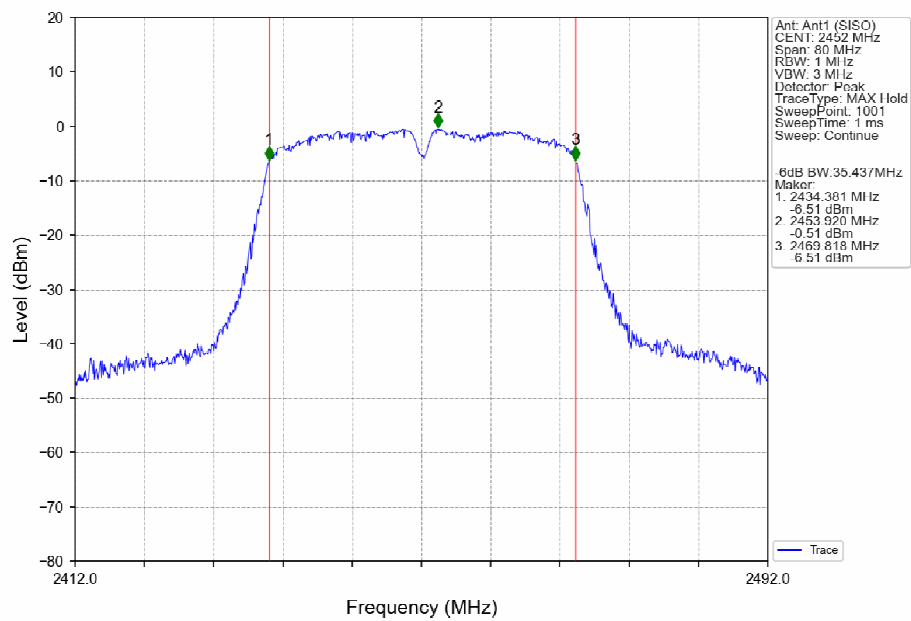
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			Conducted Power	Duty Cycle Factor (dB)	Total Conducted Power	Limit	
802.11b	SISO	2412	9.01	4.87	13.88	<=30	Pass
		2437	7.25	4.88	12.13	<=30	Pass
		2462	7.29	4.87	12.16	<=30	Pass
802.11g	SISO	2412	8.88	4.92	13.8	<=30	Pass
		2437	7.55	4.92	12.47	<=30	Pass
		2462	7.24	4.90	12.14	<=30	Pass
802.11n (HT20)	SISO	2412	7.36	5.04	12.4	<=30	Pass
		2437	5.29	5.05	10.34	<=30	Pass
		2462	5.70	5.04	10.74	<=30	Pass
802.11n (HT40)	SISO	2422	6.99	4.94	11.93	<=30	Pass
		2437	5.66	4.94	10.6	<=30	Pass
		2452	5.14	4.94	10.08	<=30	Pass
Note1: Antenna Gain: Ant1: 1.97dBi;							

4. Maximum Power Spectral Density

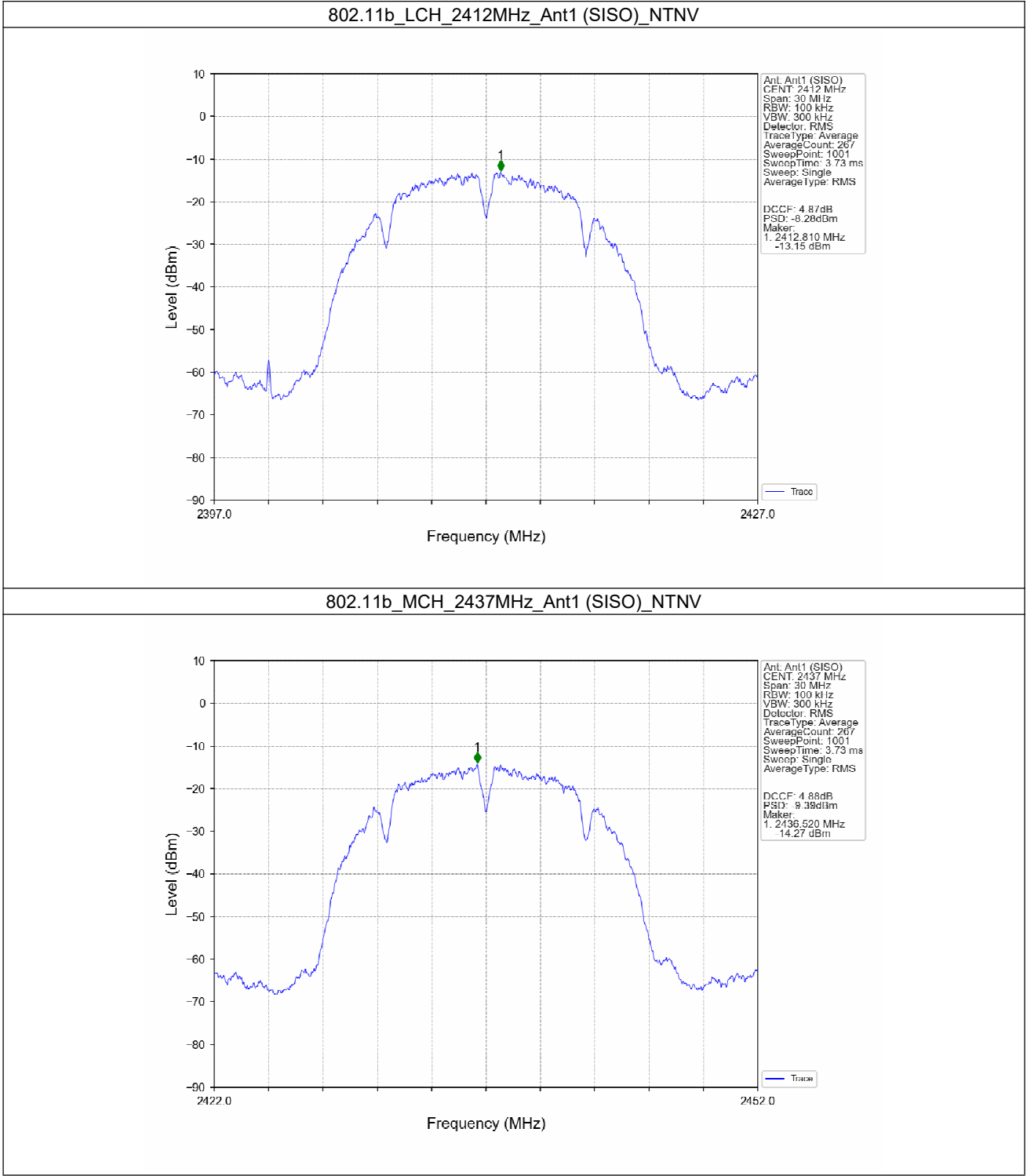
4.1 Test Result

4.1.1 PSD

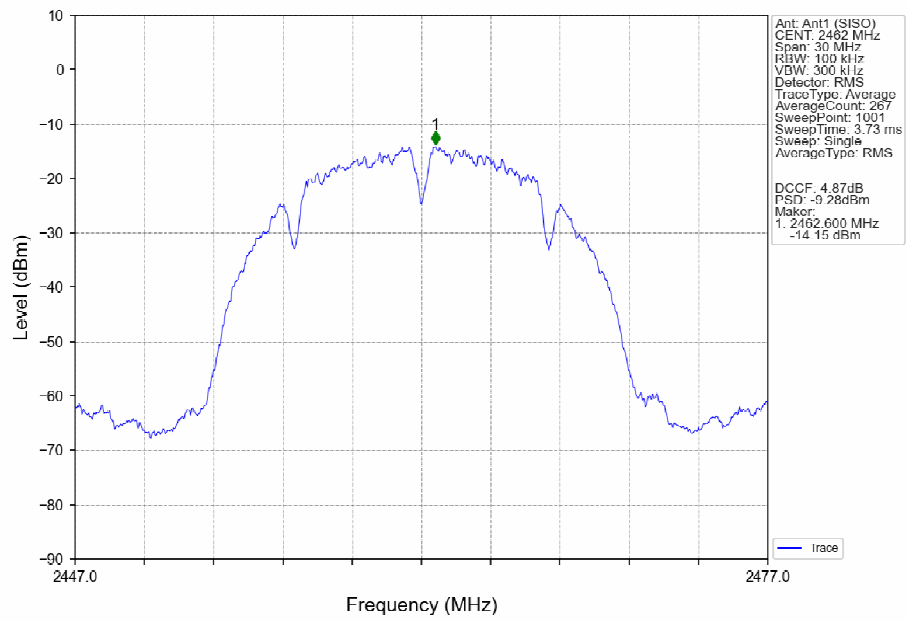
Mode	TX Type	Frequency (MHz)	Maximum PSD		Verdict
			ANT1(dBm/1kHz)	Limit(dBm/3kHz)	
802.11b	SISO	2412	-8.28	<=8	Pass
		2437	-9.39	<=8	Pass
		2462	-9.28	<=8	Pass
802.11g	SISO	2412	-10.88	<=8	Pass
		2437	-12.32	<=8	Pass
		2462	-12.32	<=8	Pass
802.11n (HT20)	SISO	2412	-12.15	<=8	Pass
		2437	-13.56	<=8	Pass
		2462	-13.67	<=8	Pass
802.11n (HT40)	SISO	2422	-14.71	<=8	Pass
		2437	-16.49	<=8	Pass
		2452	-16.82	<=8	Pass
Note1: Antenna Gain: Ant1: 1.97dBi; Note2: The Duty Cycle Factor has been compensated in the test graph.					

4.2 Test Graph

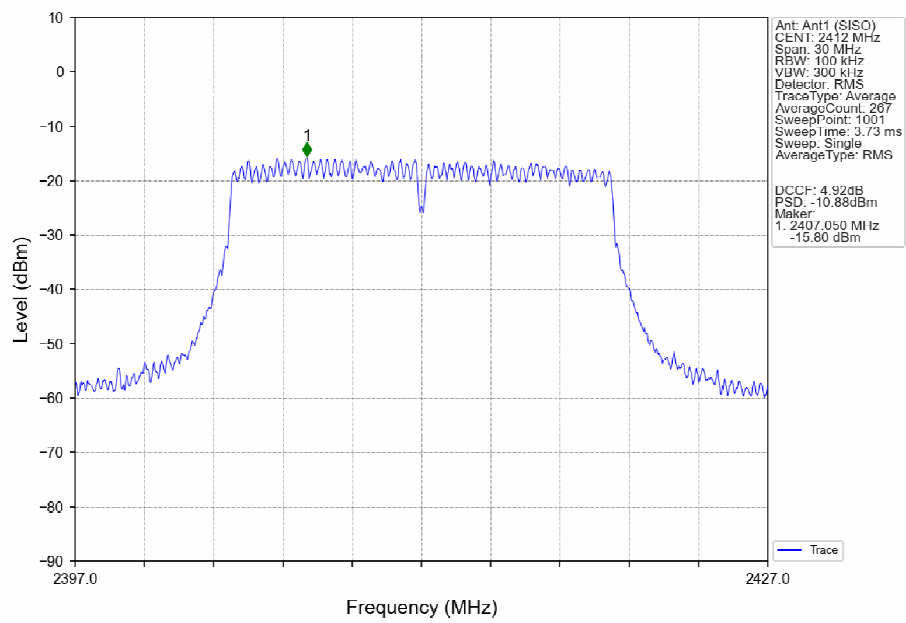
4.2.1 PSD



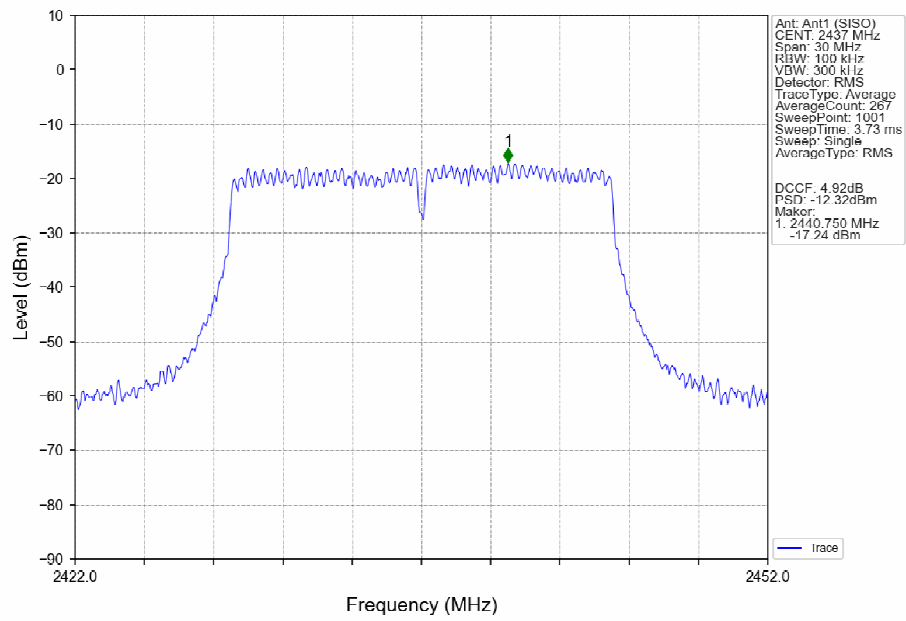
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



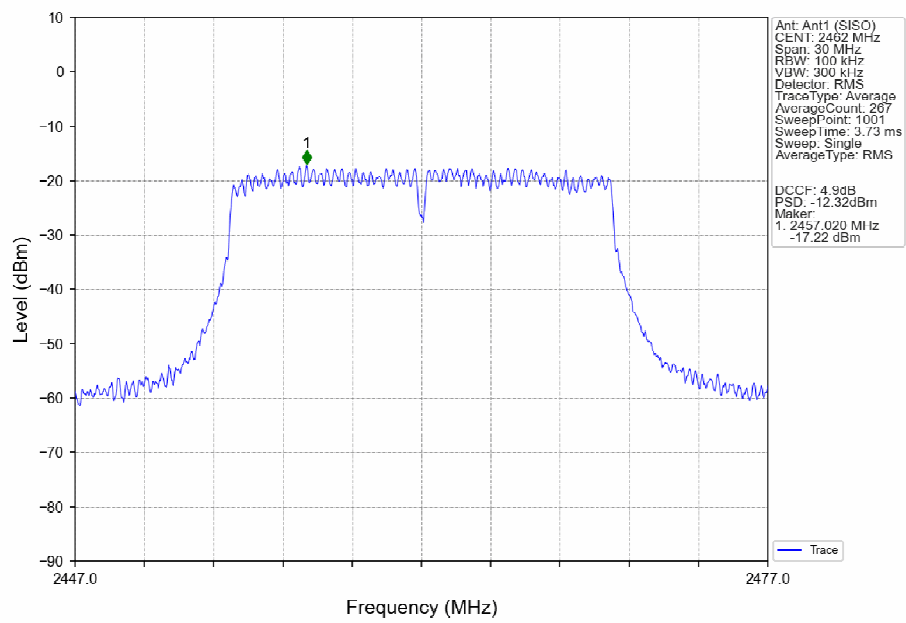
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



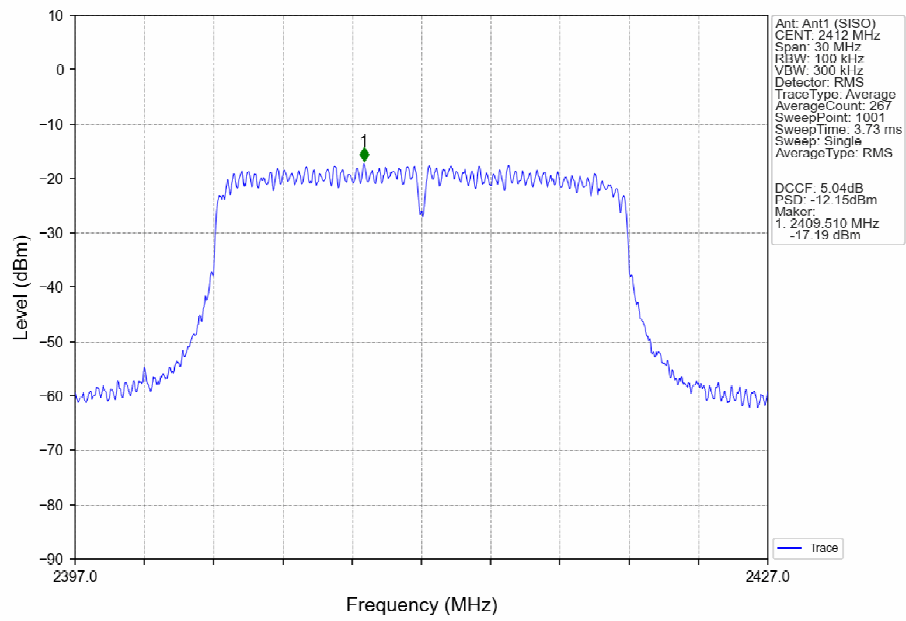
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



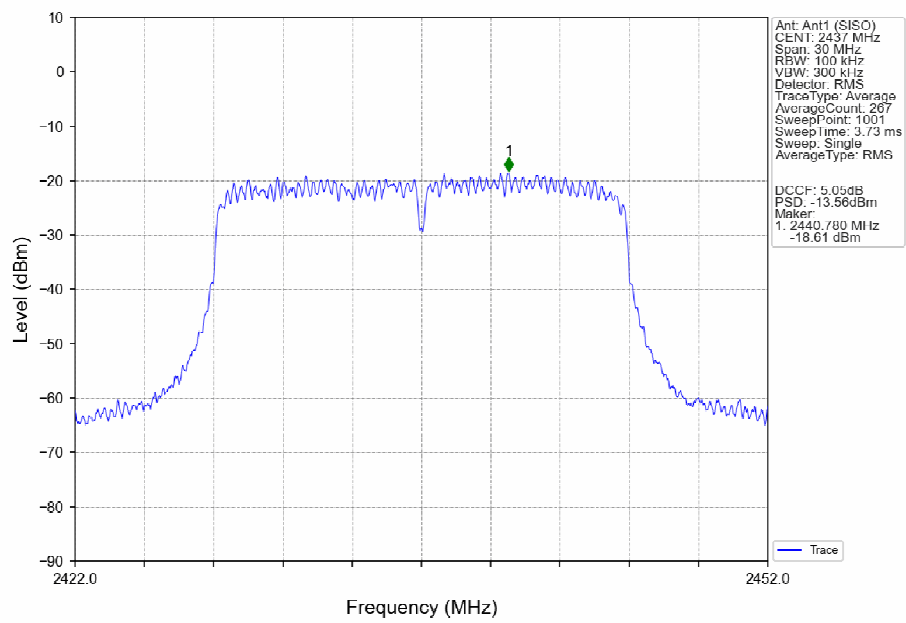
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



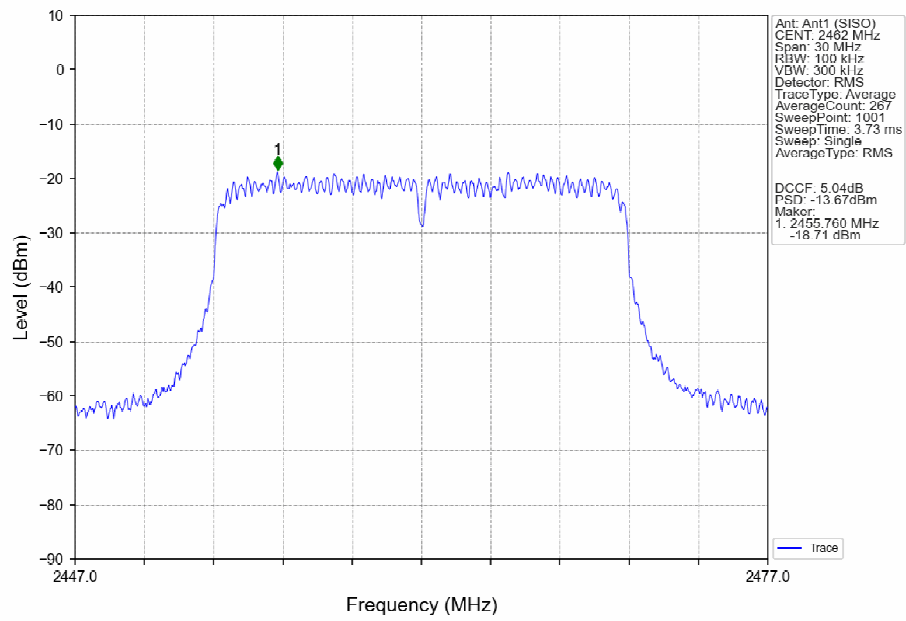
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



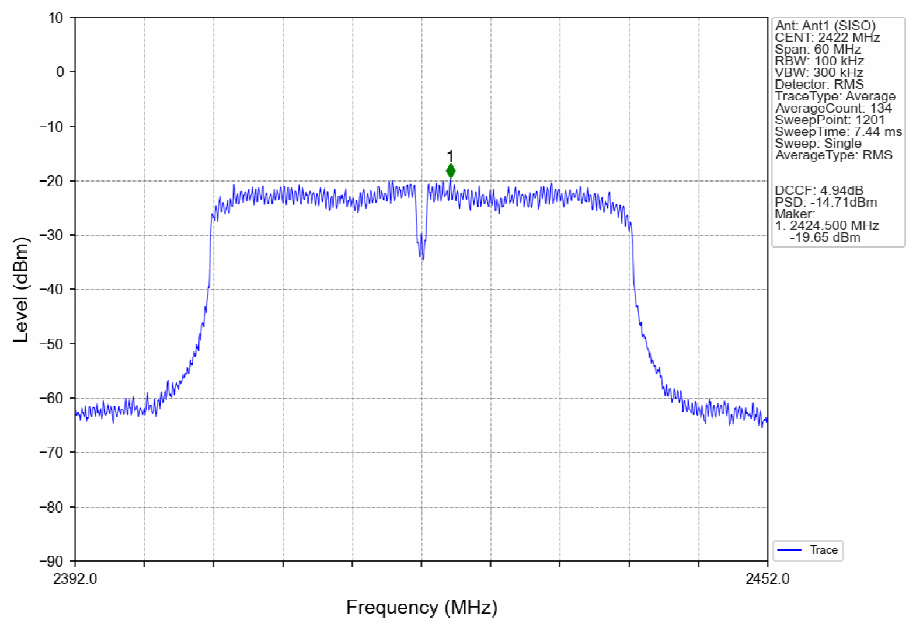
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



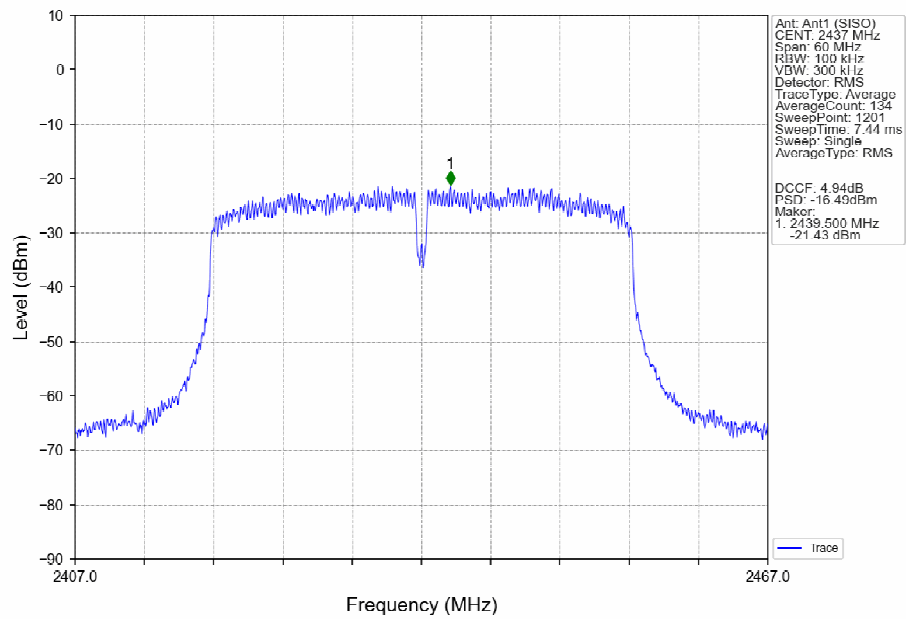
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



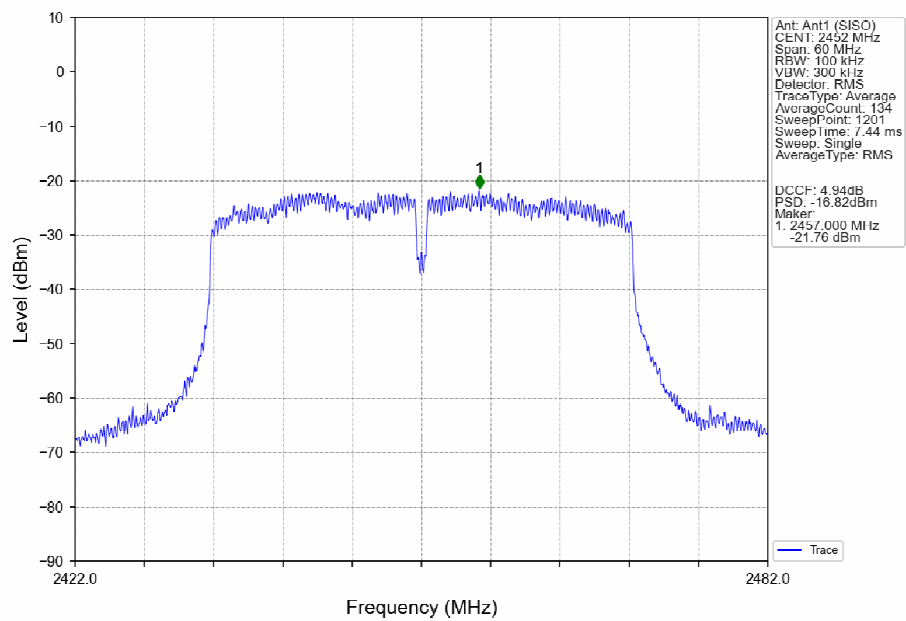
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

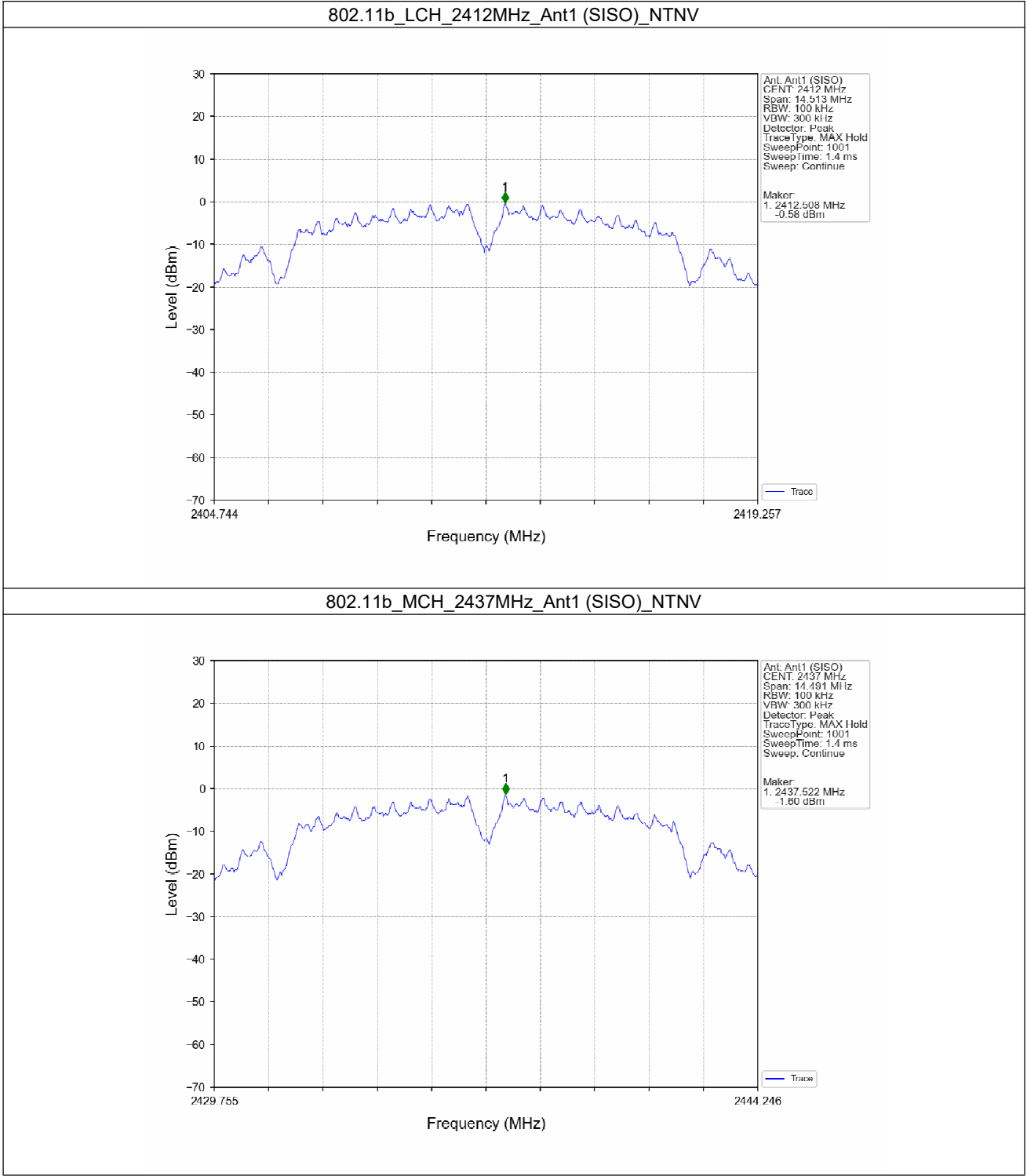
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	-0.58
		2437	1	-1.60
		2462	1	-1.80
802.11g	SISO	2412	1	-1.98
		2437	1	-3.18
		2462	1	-3.31
802.11n (HT20)	SISO	2412	1	-2.81
		2437	1	-4.62
		2462	1	-4.30
802.11n (HT40)	SISO	2422	1	-6.01
		2437	1	-7.24
		2452	1	-7.86

5.1.2 CSE

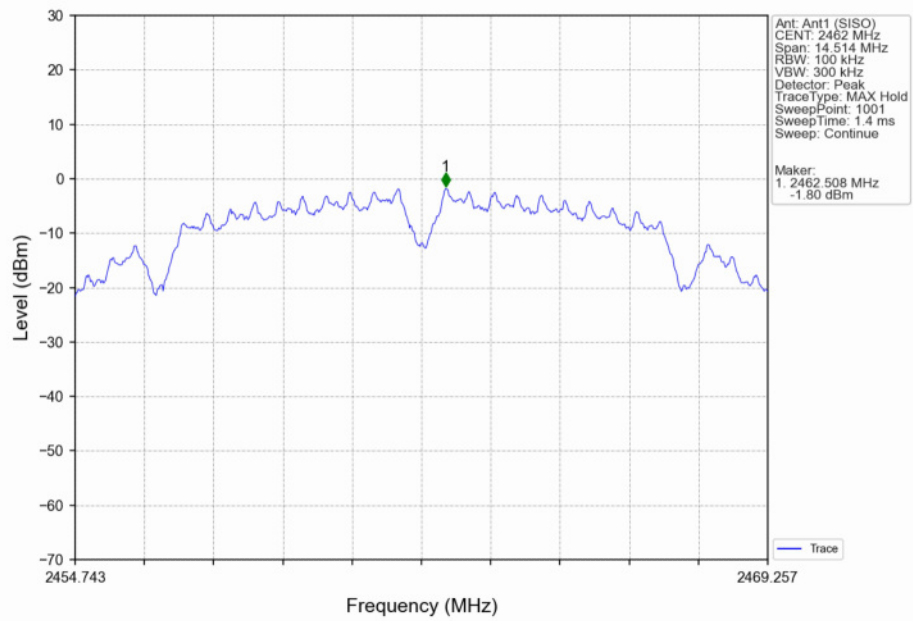
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	-0.58	-30.58	Pass
		2437	1	-1.60	-31.60	Pass
		2462	1	-1.80	-31.80	Pass
802.11g	SISO	2412	1	-1.98	-31.98	Pass
		2437	1	-3.18	-33.18	Pass
		2462	1	-3.31	-33.31	Pass
802.11n (HT20)	SISO	2412	1	-2.81	-32.81	Pass
		2437	1	-4.62	-34.62	Pass
		2462	1	-4.30	-34.30	Pass
802.11n (HT40)	SISO	2422	1	-6.01	-36.01	Pass
		2437	1	-7.24	-37.24	Pass
		2452	1	-7.86	-37.86	Pass

5.2 Test Graph

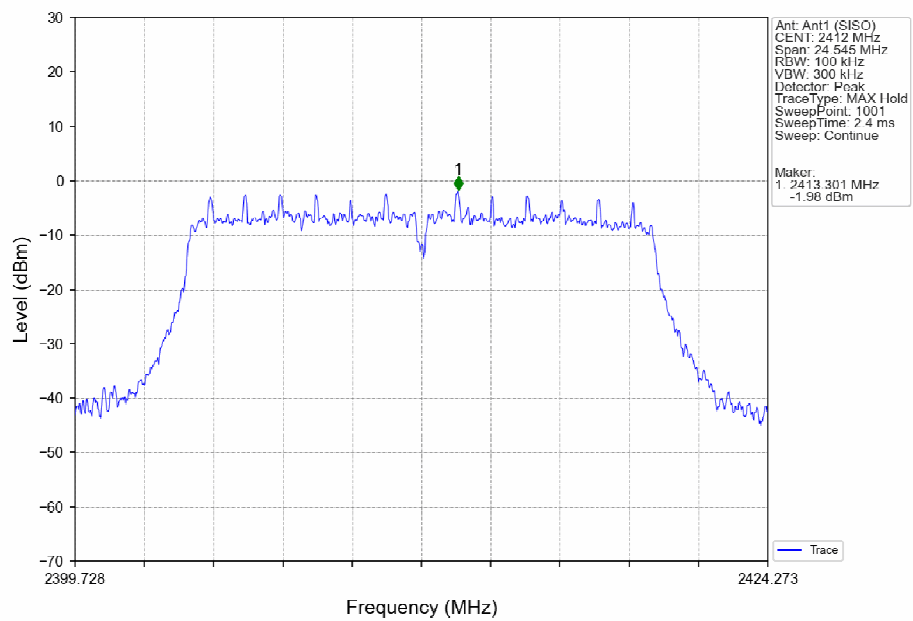
5.2.1 Ref



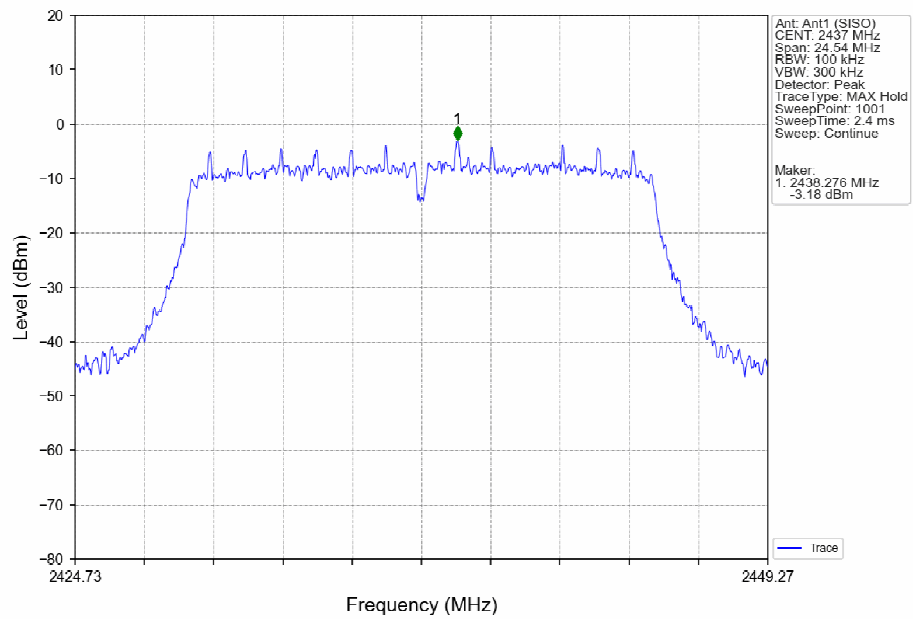
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



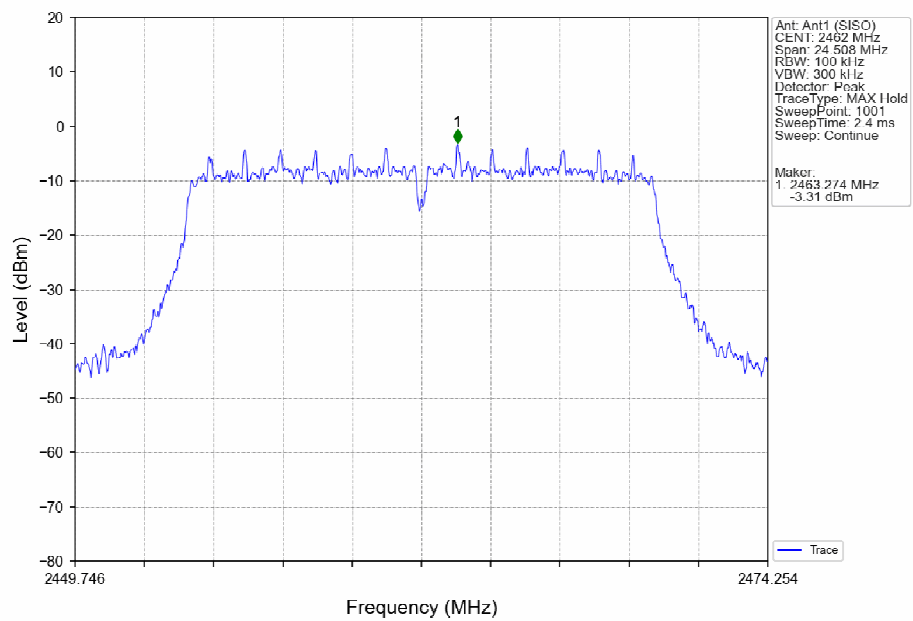
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



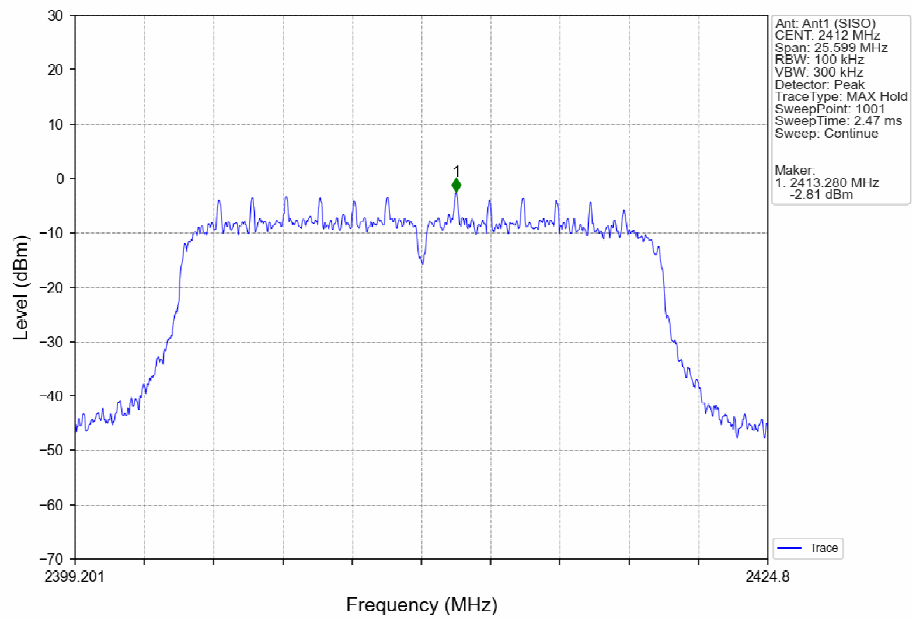
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

