

Product Name : KODAK 10-Inch Touchscreen DigitalPhoto Frame /Wi-Fi Enabled

Mode: RWF-108V

FCC ID : 2AL64-RWF-108V

1. Duty Cycle

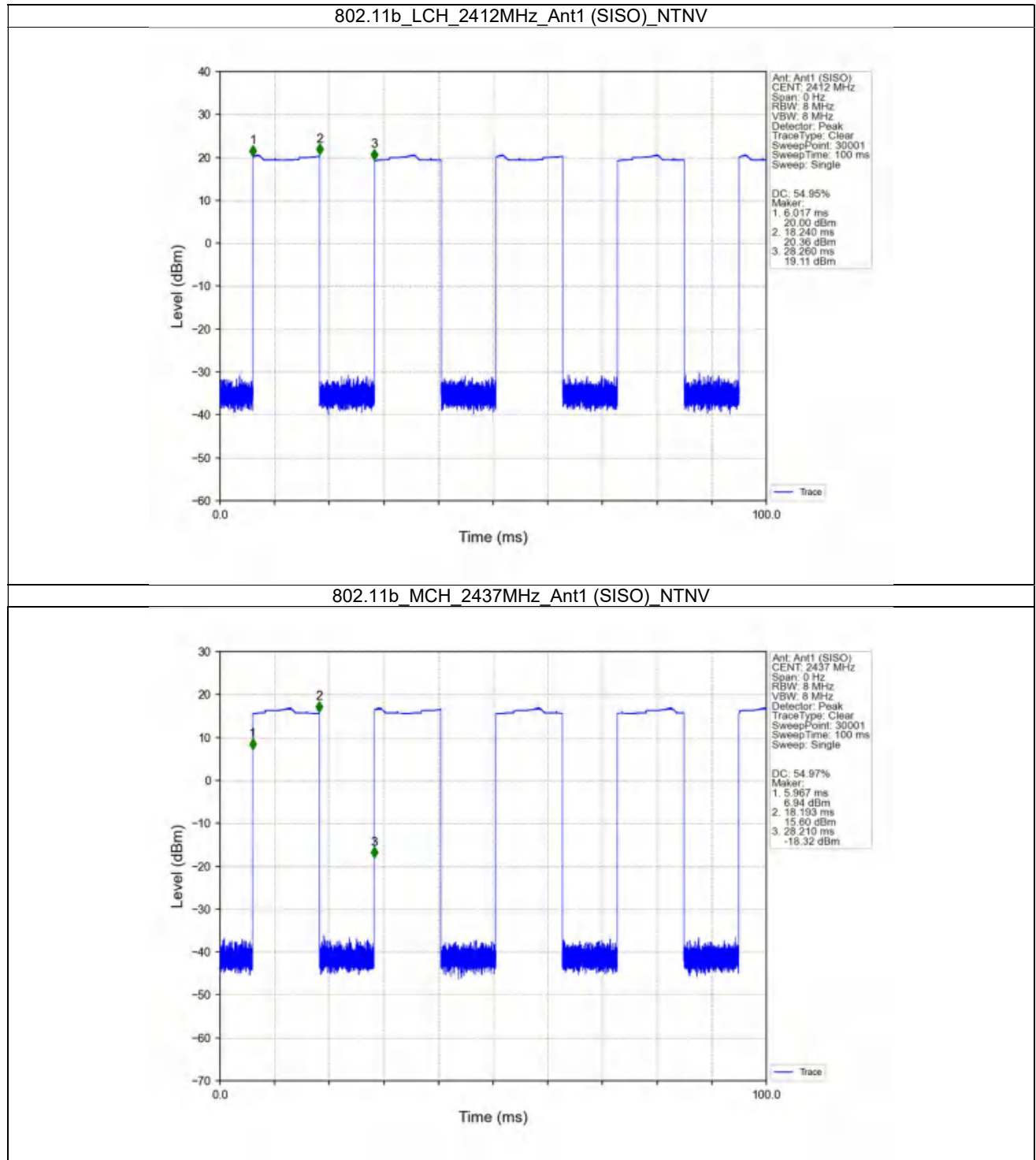
1.1 Test Result

1.1.1 Ant1

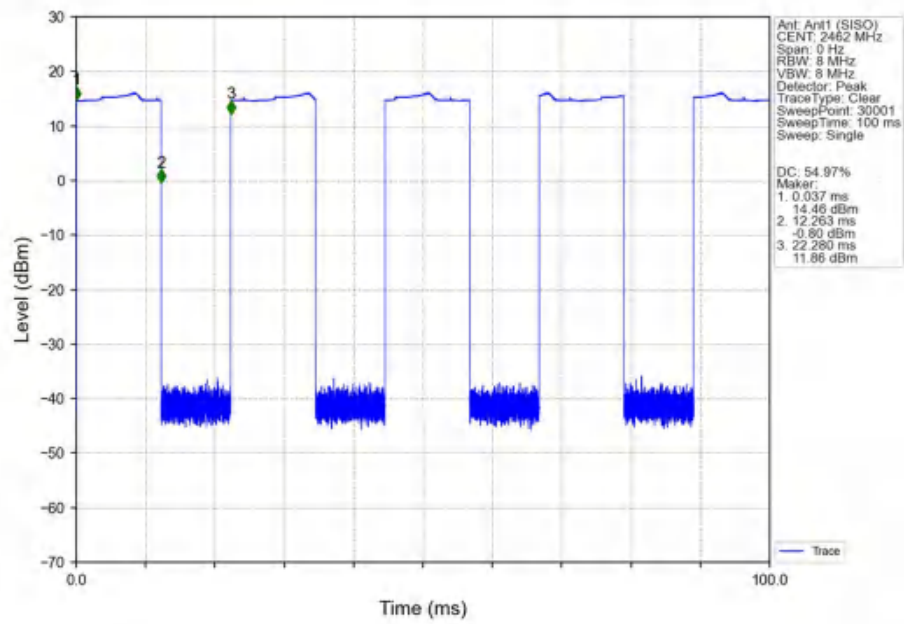
ANT1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	12.223	22.243	54.95	2.60	0.01
		2437	12.226	22.243	54.97	2.60	0.00
		2462	12.226	22.243	54.97	2.60	0.00
802.11g	SISO	2412	2.034	2.194	92.71	0.33	1.58
		2437	2.032	2.207	92.07	0.36	1.91
		2462	2.035	2.167	93.91	0.27	0.38
802.11n (HT20)	SISO	2412	0.227	0.435	52.18	2.82	11.92
		2437	0.226	0.377	59.95	2.22	4.68
		2462	0.225	0.453	49.67	3.04	13.91
802.11n (HT40)	SISO	2422	0.133	0.308	43.18	3.65	9.31
		2437	0.130	0.347	37.46	4.26	9.69
		2452	0.129	0.298	43.29	3.64	7.79
802.11ax (HEW20)	SISO	2412	0.144	0.380	37.89	4.21	11.72
		2437	0.147	0.314	46.82	3.30	7.92
		2462	0.147	0.380	38.68	4.12	15.30
802.11ax (HEW40)	SISO	2422	0.101	0.272	37.13	4.30	7.40
		2437	0.102	0.548	18.61	7.30	2.83
		2452	0.103	0.321	32.09	4.94	9.26

1.2 Test Graph

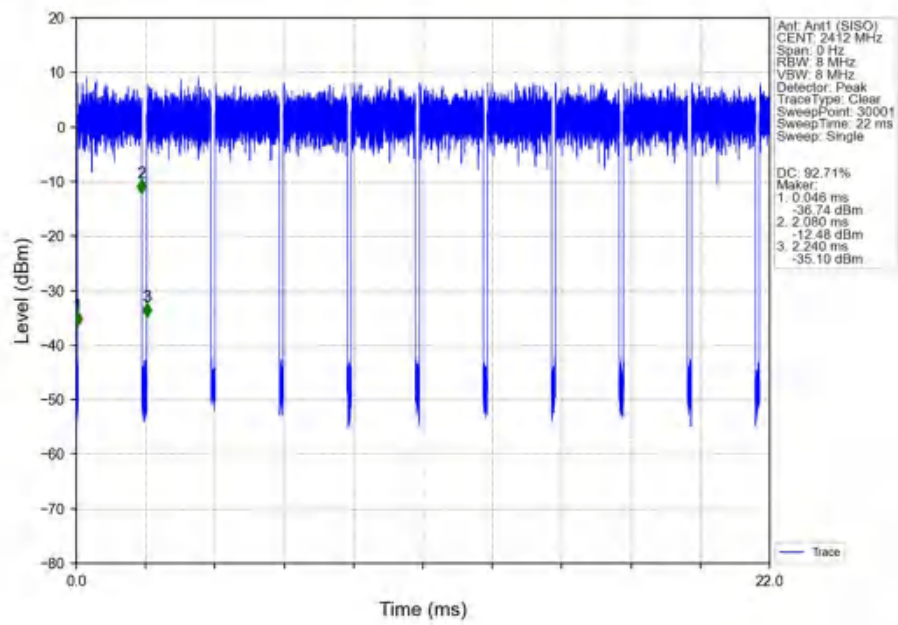
1.2.1 Ant1



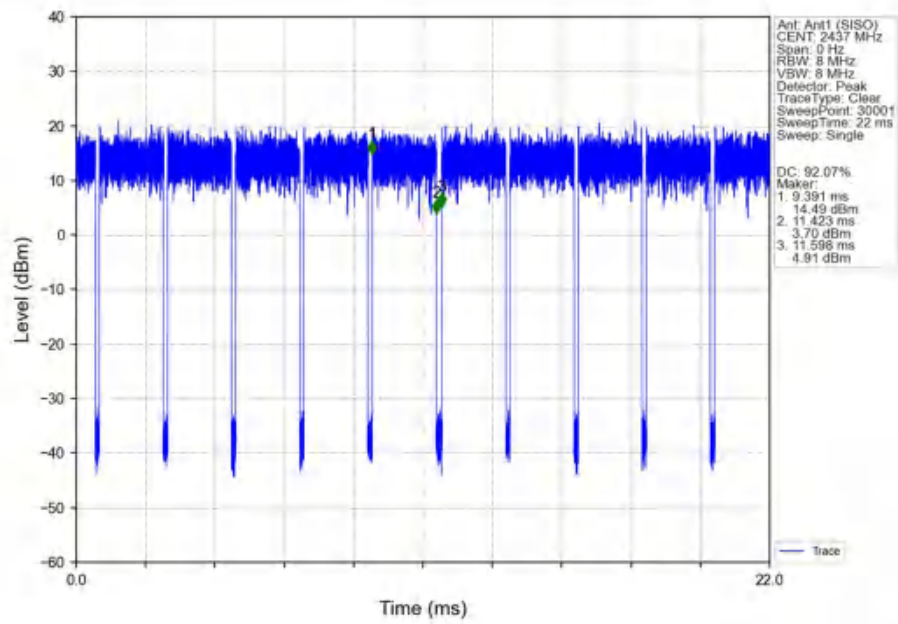
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



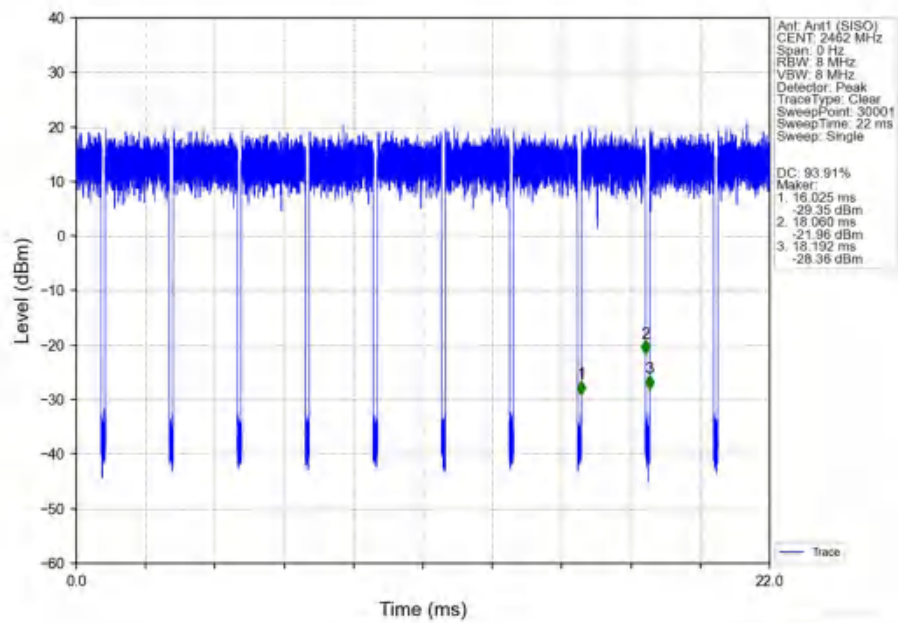
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



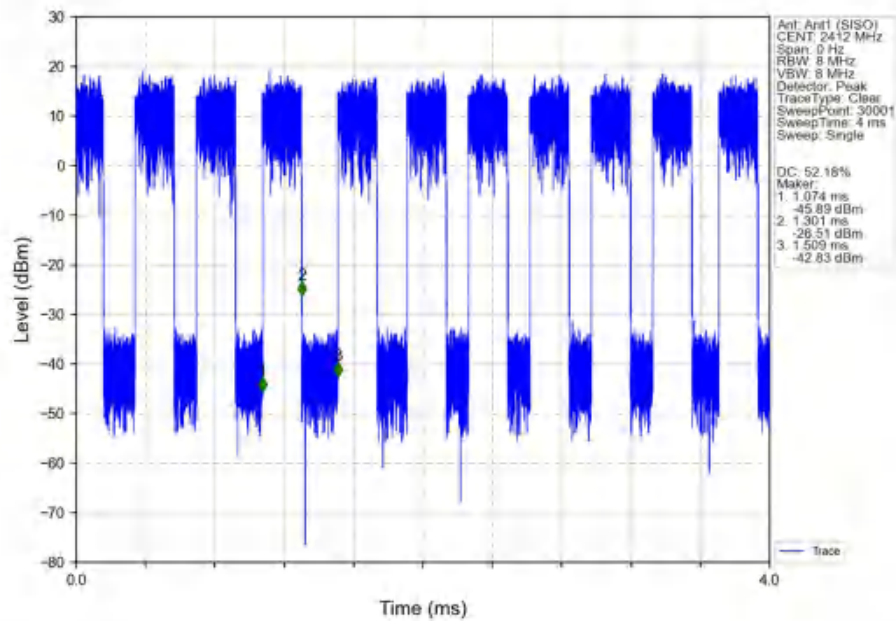
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



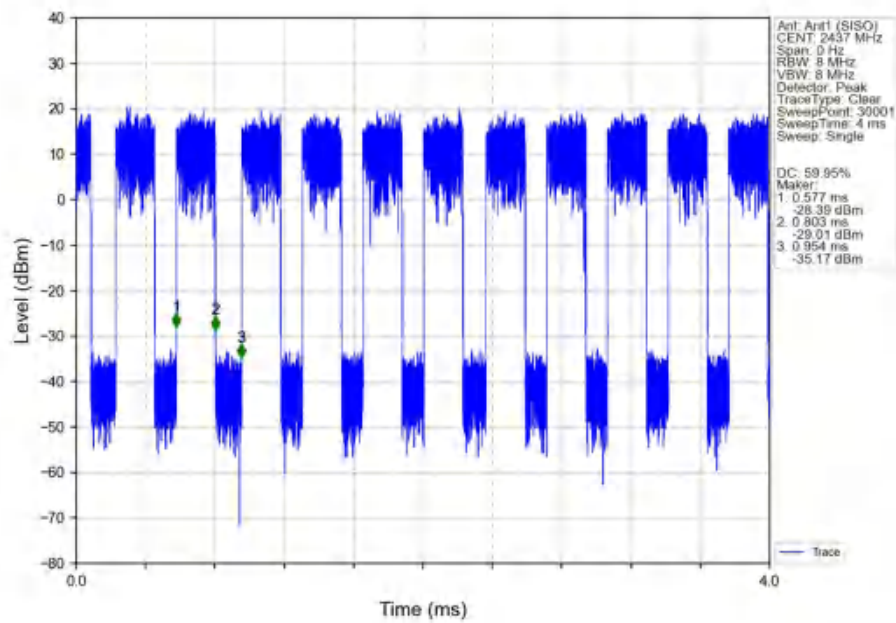
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



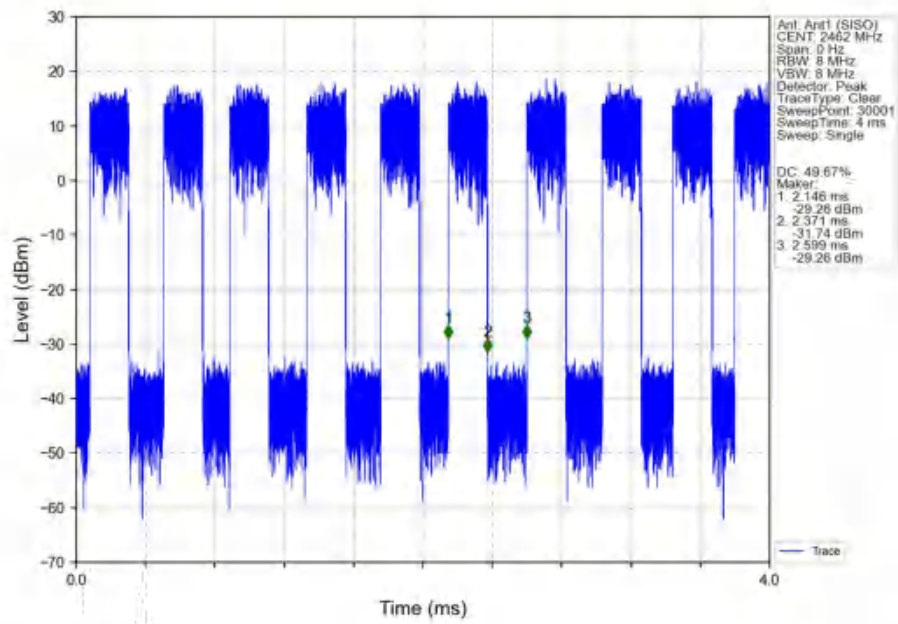
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



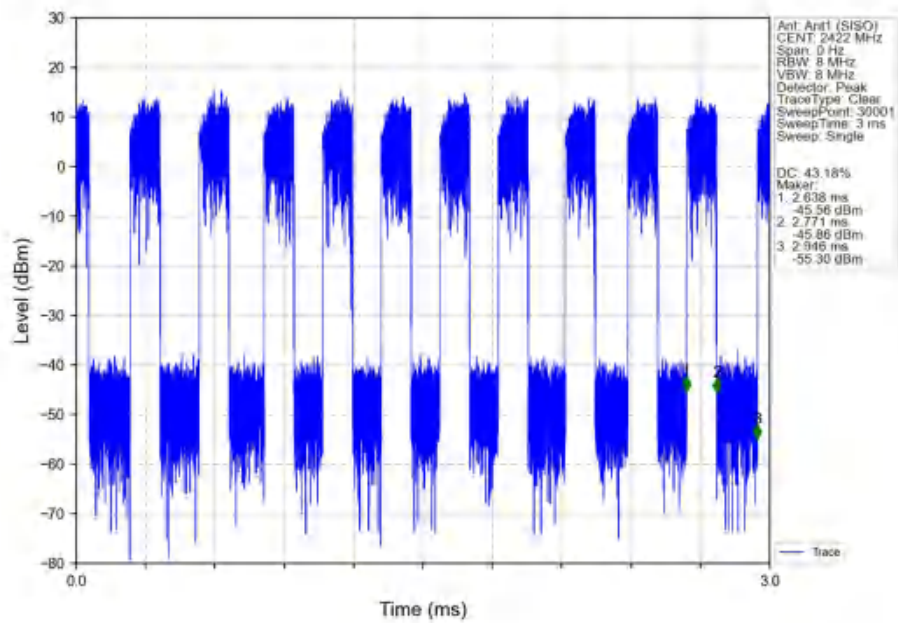
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



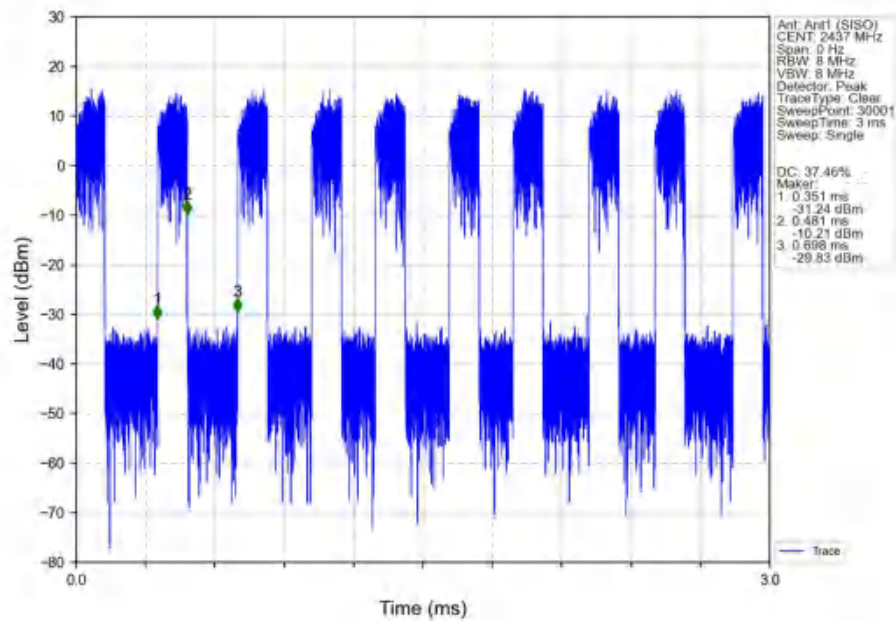
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



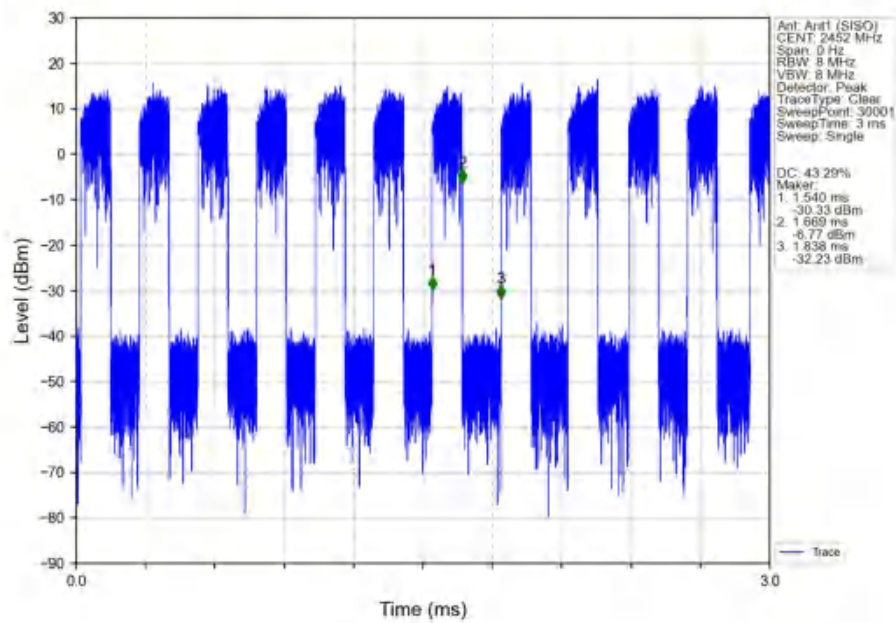
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



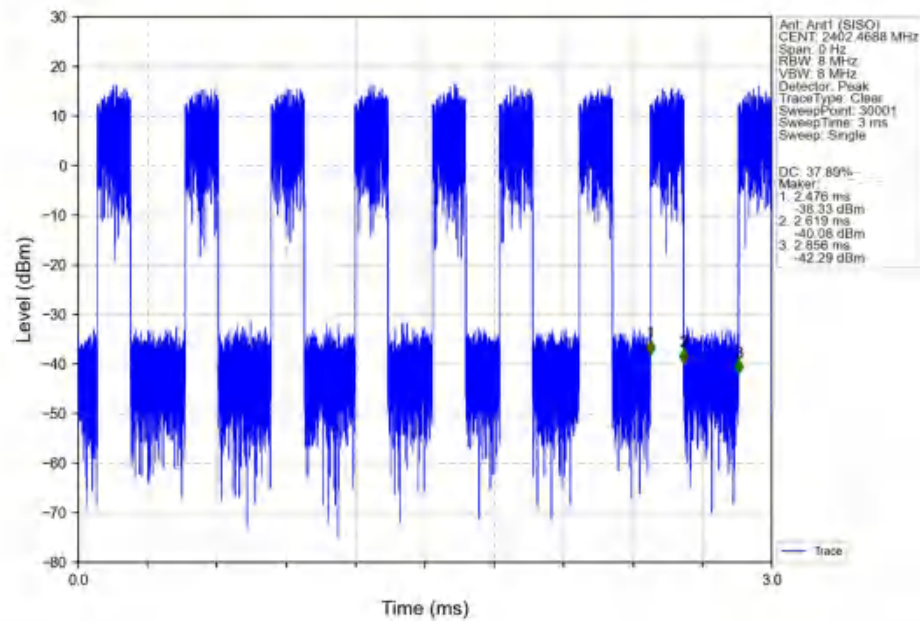
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



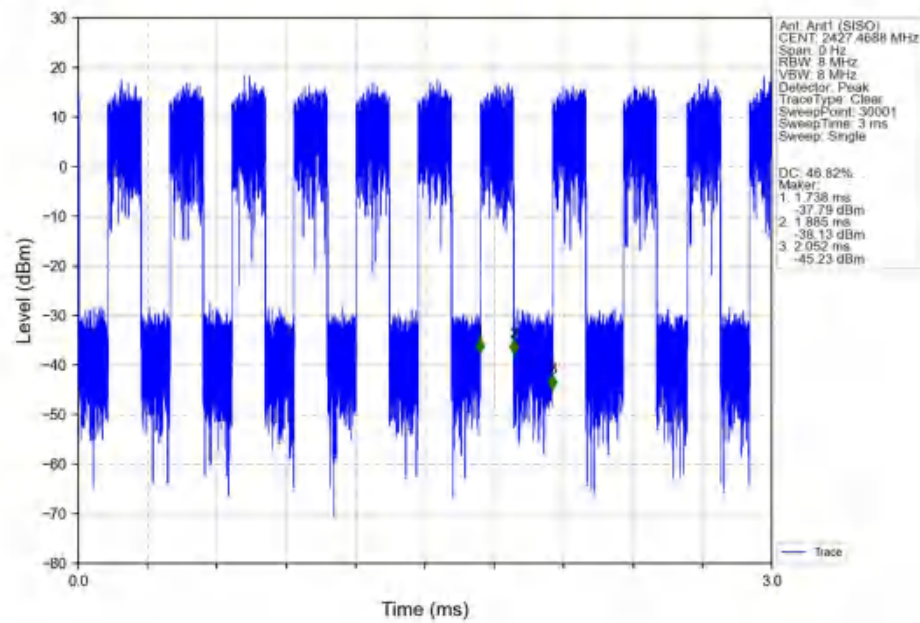
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



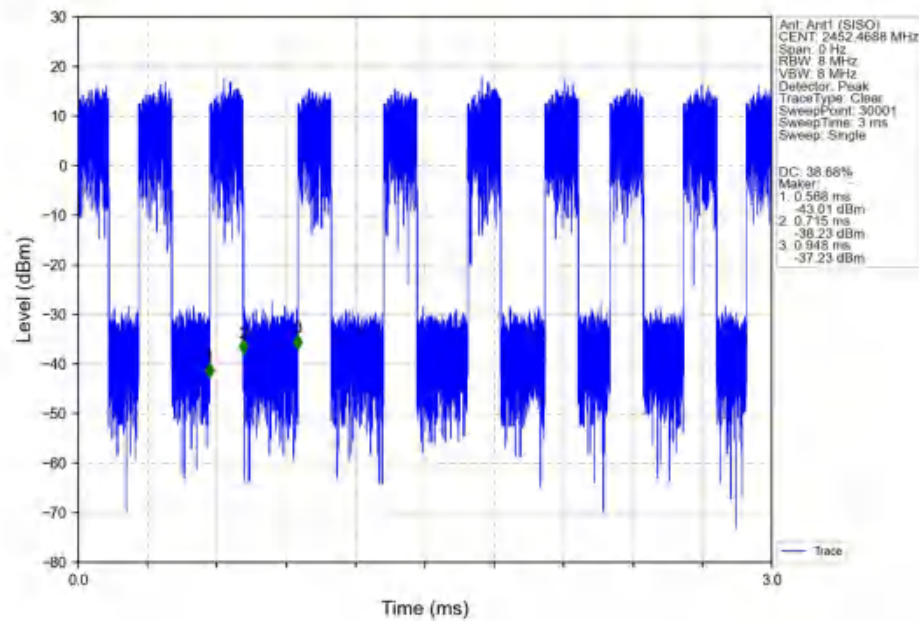
802.11ax(HEW20) LCH 2412MHz_SU / Ant1 (SISO) NTNv



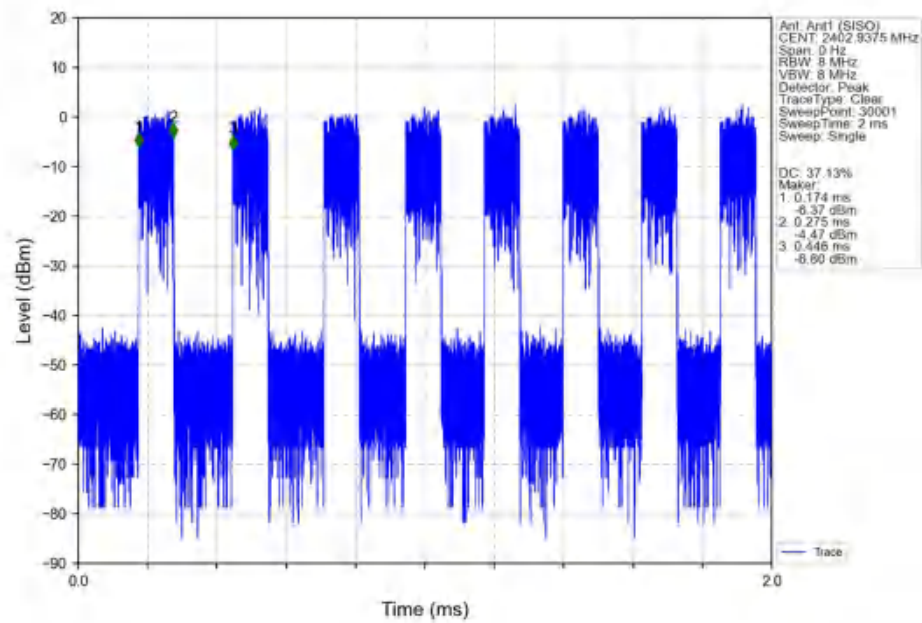
802.11ax(HEW20) MCH 2437MHz_SU / Ant1 (SISO) NTNv



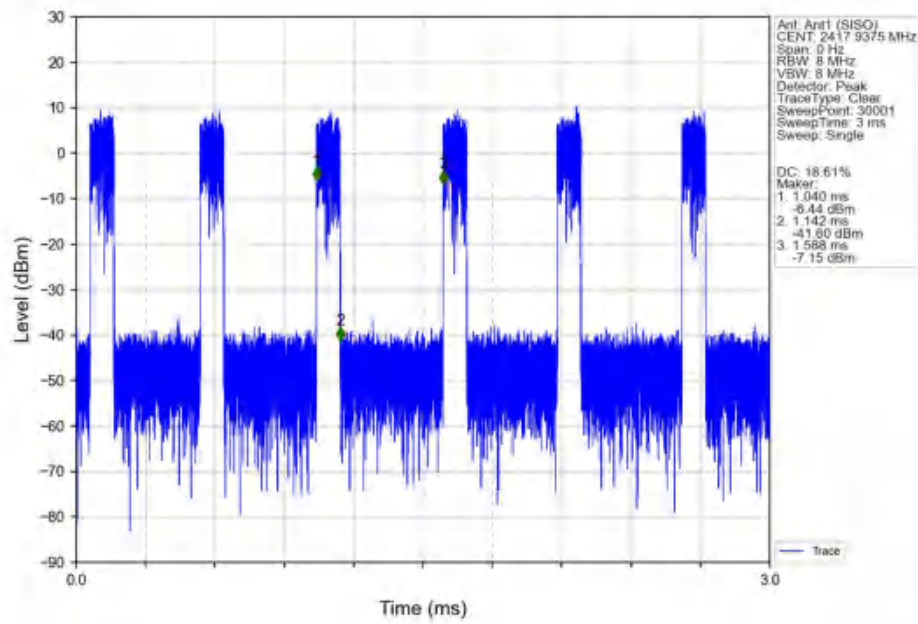
802.11ax(HEW20) HCH 2462MHz SU / Ant1 (SISO) NTN



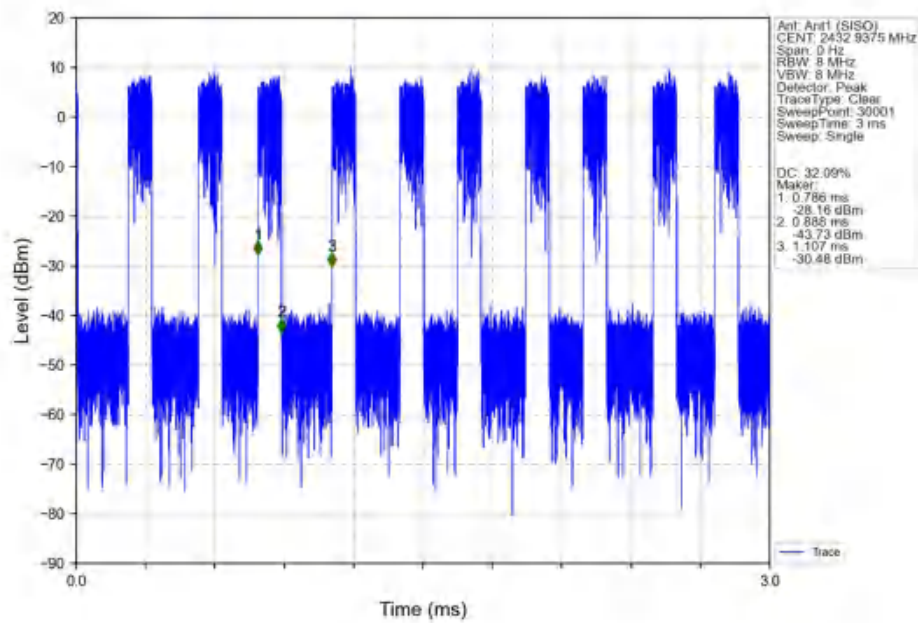
802.11ax(HEW40) LCH 2422MHz SU / Ant1 (SISO) NTN



802.11ax(HEW40) MCH 2437MHz_SU / Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN



2. Bandwidth

2.1 Test Result

2.1.1 OBW

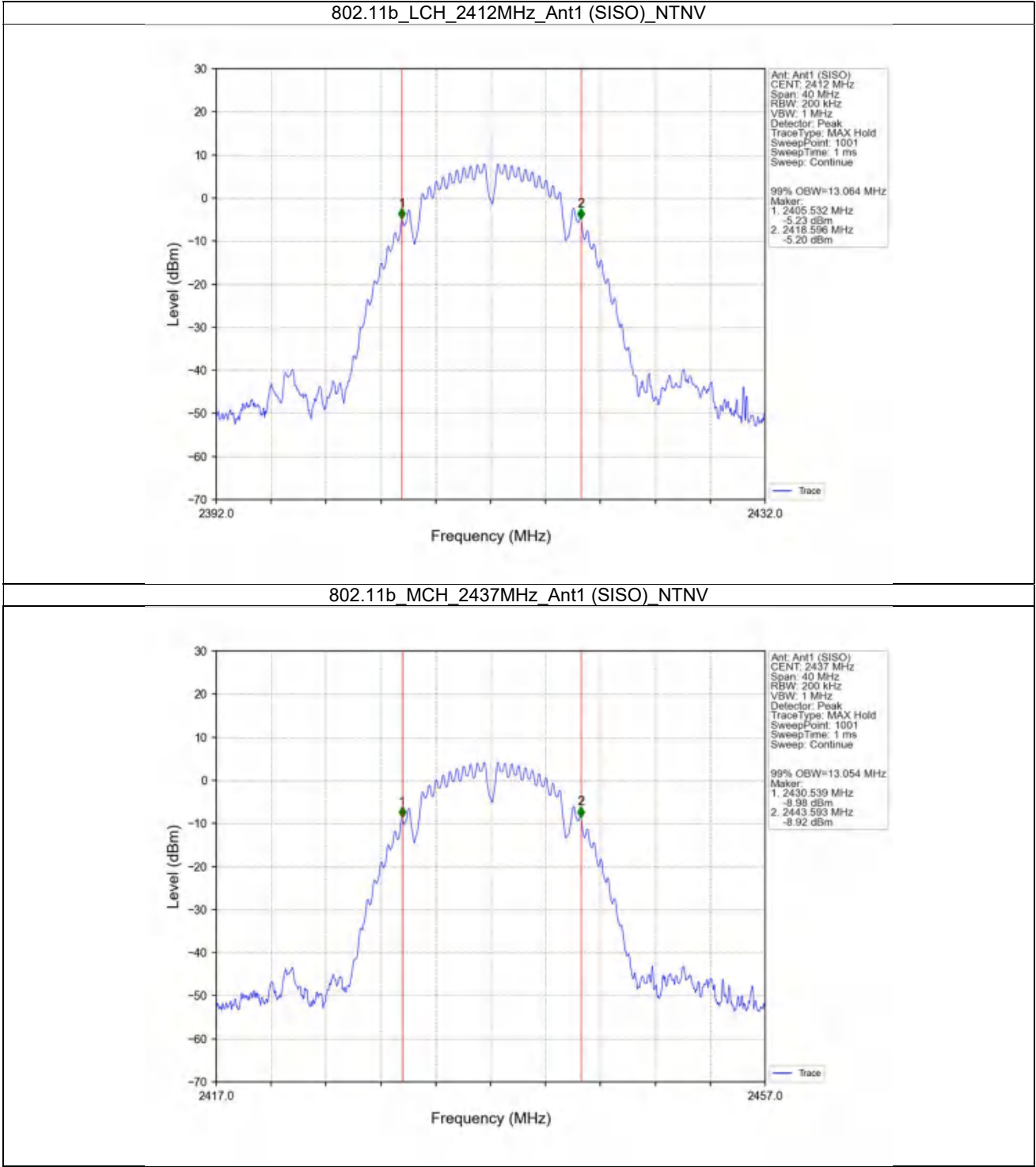
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	13.064	/	Pass
		2437	1	13.054	/	Pass
		2462	1	13.042	/	Pass
802.11g	SISO	2412	1	16.719	/	Pass
		2437	1	16.743	/	Pass
		2462	1	16.730	/	Pass
802.11n (HT20)	SISO	2412	1	17.772	/	Pass
		2437	1	17.808	/	Pass
		2462	1	17.791	/	Pass
802.11n (HT40)	SISO	2422	1	36.882	/	Pass
		2437	1	36.958	/	Pass
		2452	1	36.834	/	Pass
802.11ax (HEW20)	SISO	2412	1	19.049	/	Pass
		2437	1	19.021	/	Pass
		2462	1	19.009	/	Pass
802.11ax (HEW40)	SISO	2422	1	38.400	/	Pass
		2437	1	38.436	/	Pass
		2452	1	38.358	/	Pass

2.1.2 6dB BW

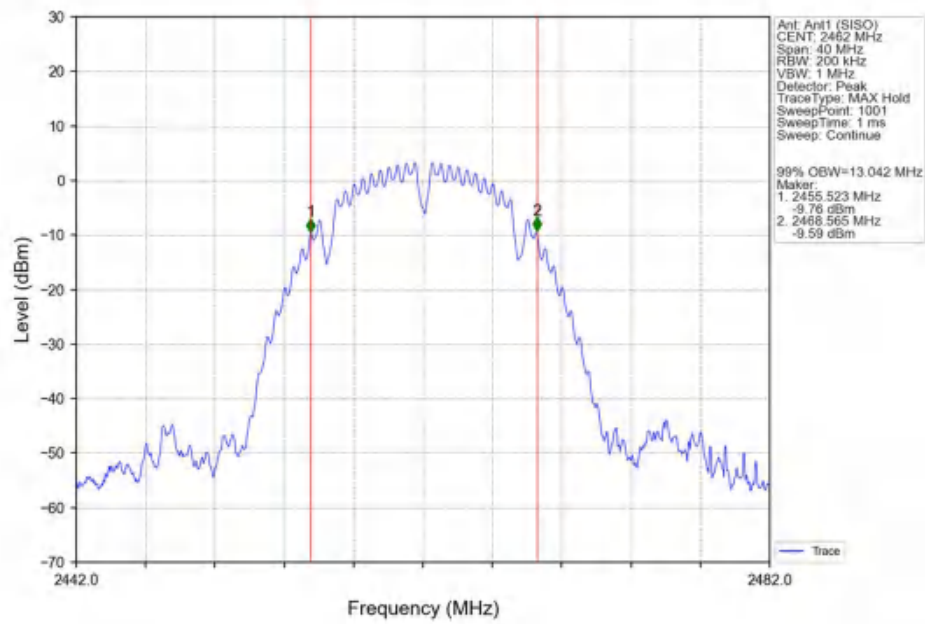
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.171	≥ 0.5	Pass
		2437	1	9.176	≥ 0.5	Pass
		2462	1	9.173	≥ 0.5	Pass
802.11g	SISO	2412	1	16.339	≥ 0.5	Pass
		2437	1	16.388	≥ 0.5	Pass
		2462	1	16.384	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.673	≥ 0.5	Pass
		2437	1	17.699	≥ 0.5	Pass
		2462	1	17.789	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.131	≥ 0.5	Pass
		2437	1	36.149	≥ 0.5	Pass
		2452	1	36.217	≥ 0.5	Pass
802.11ax (HEW20)	SISO	2412	1	18.943	≥ 0.5	Pass
		2437	1	19.009	≥ 0.5	Pass
		2462	1	19.077	≥ 0.5	Pass
802.11ax (HEW40)	SISO	2422	1	37.660	≥ 0.5	Pass
		2437	1	37.698	≥ 0.5	Pass
		2452	1	37.980	≥ 0.5	Pass

2.2 Test Graph

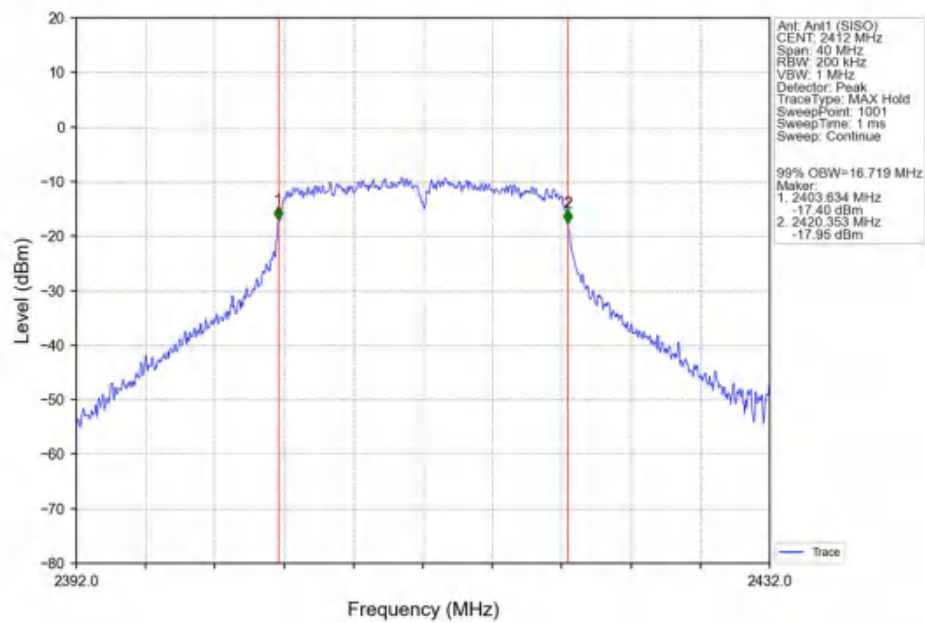
2.2.1 OBW



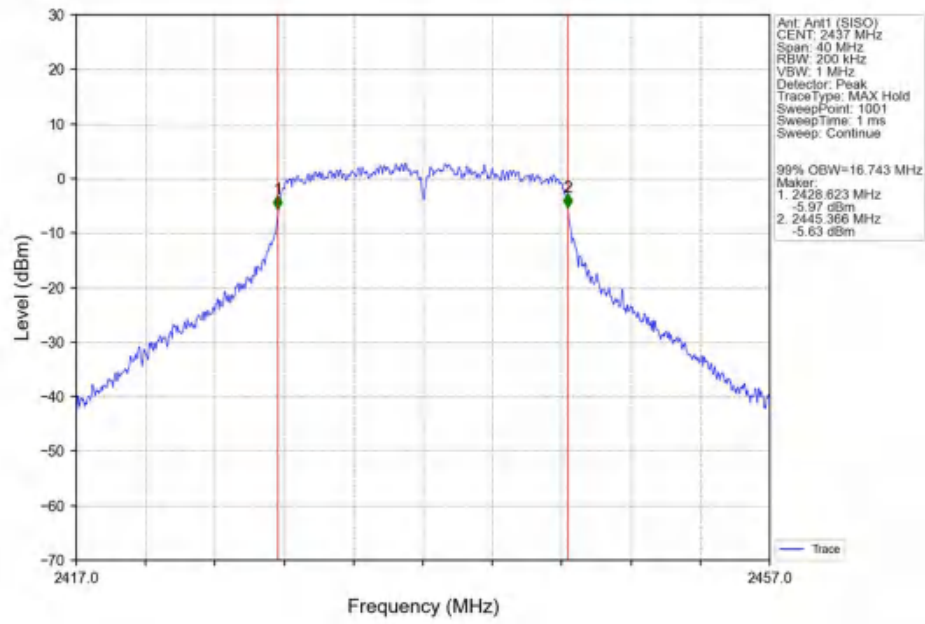
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



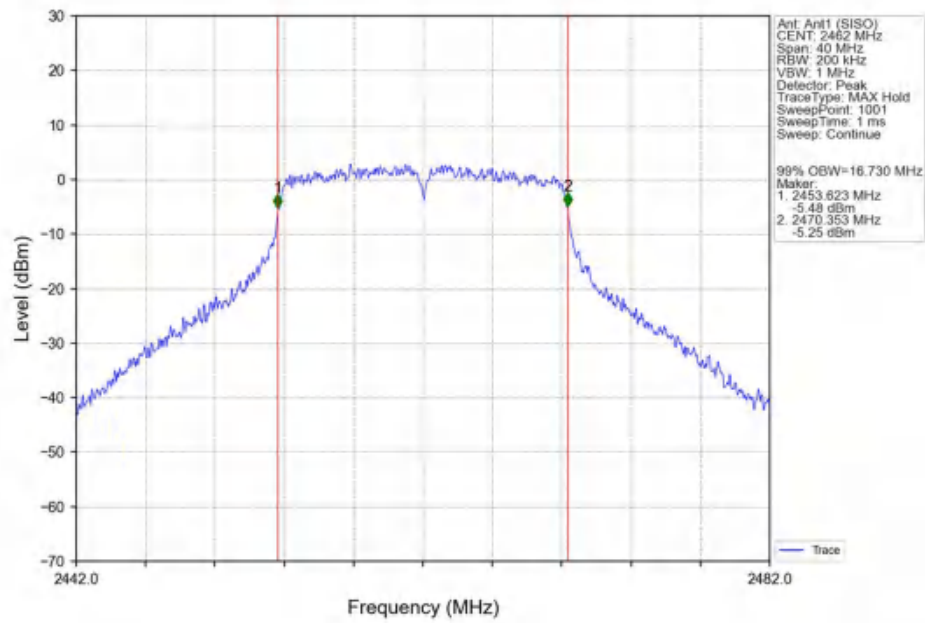
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



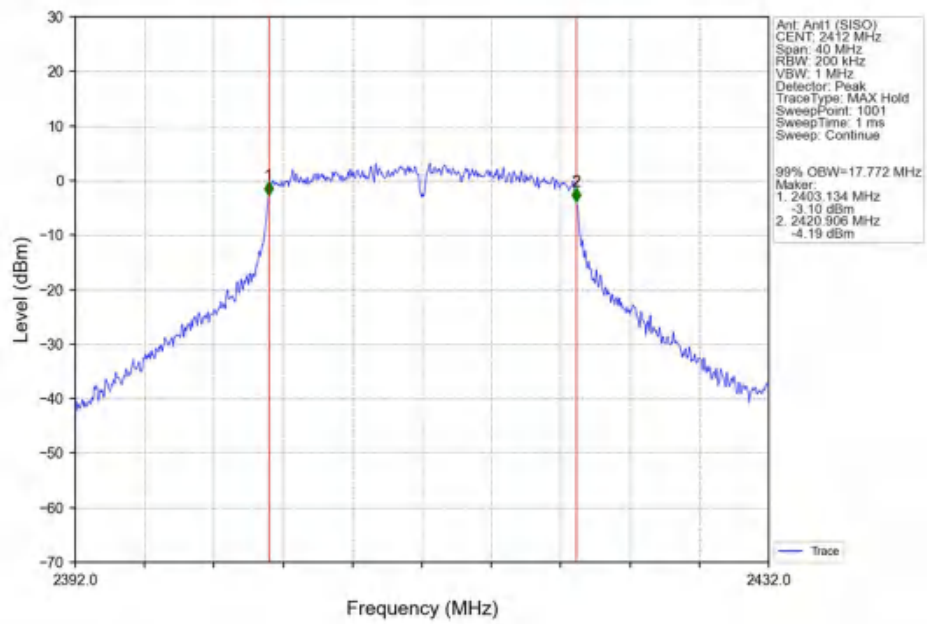
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



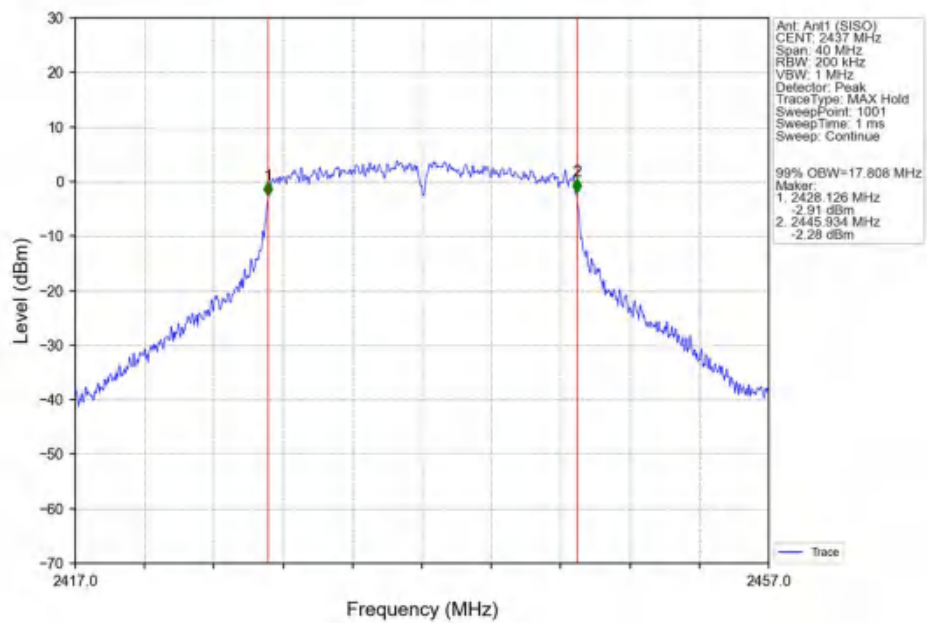
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



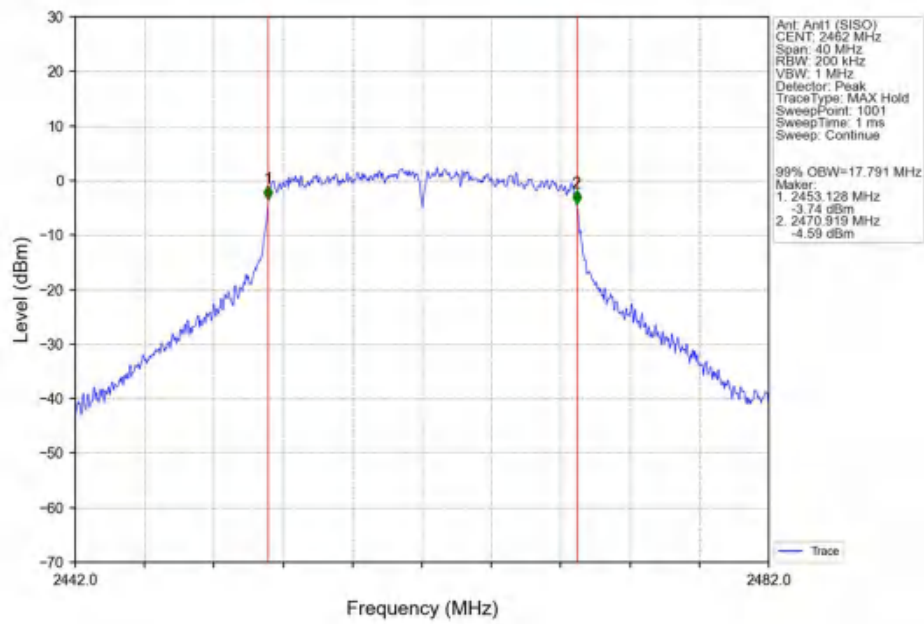
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



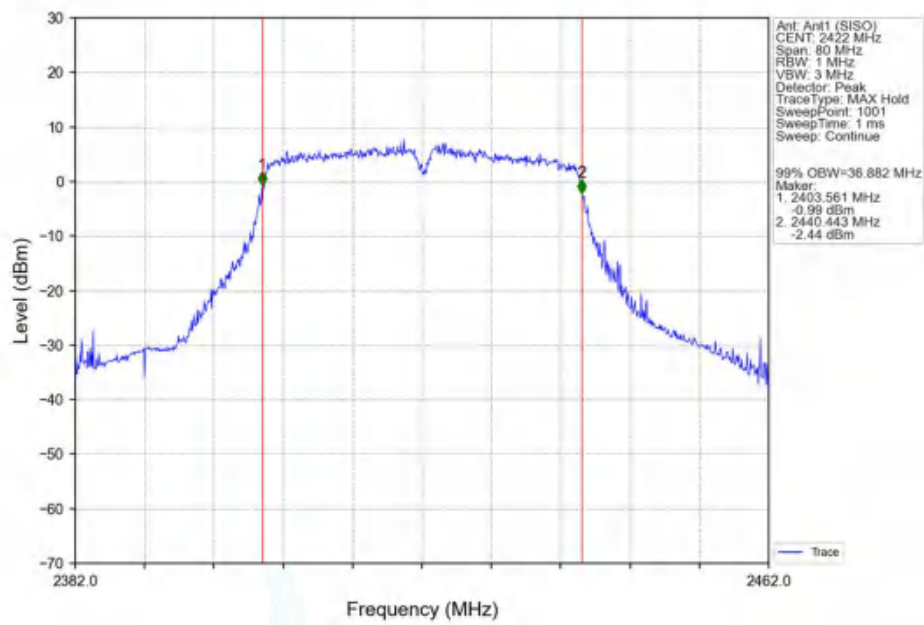
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



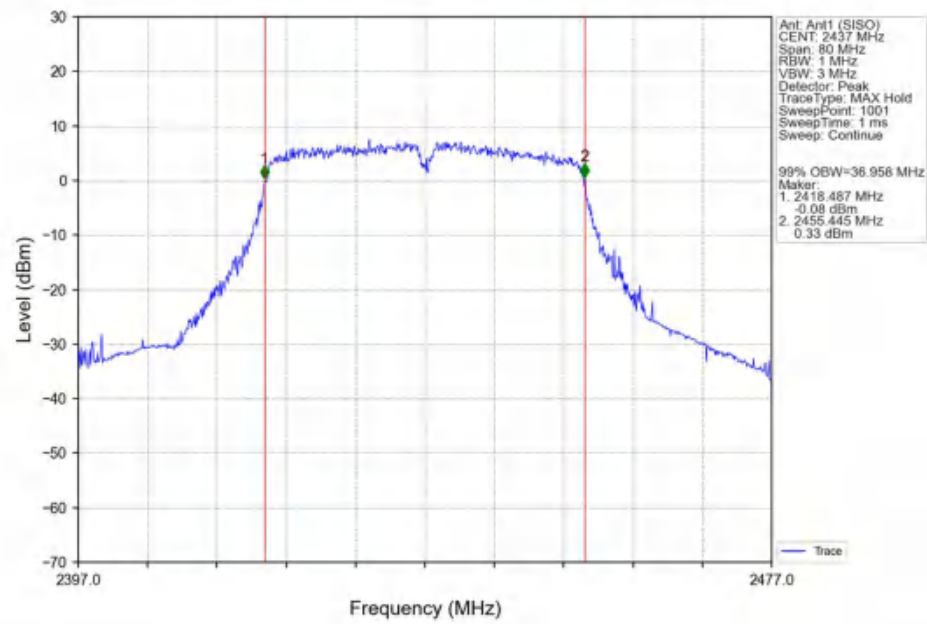
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



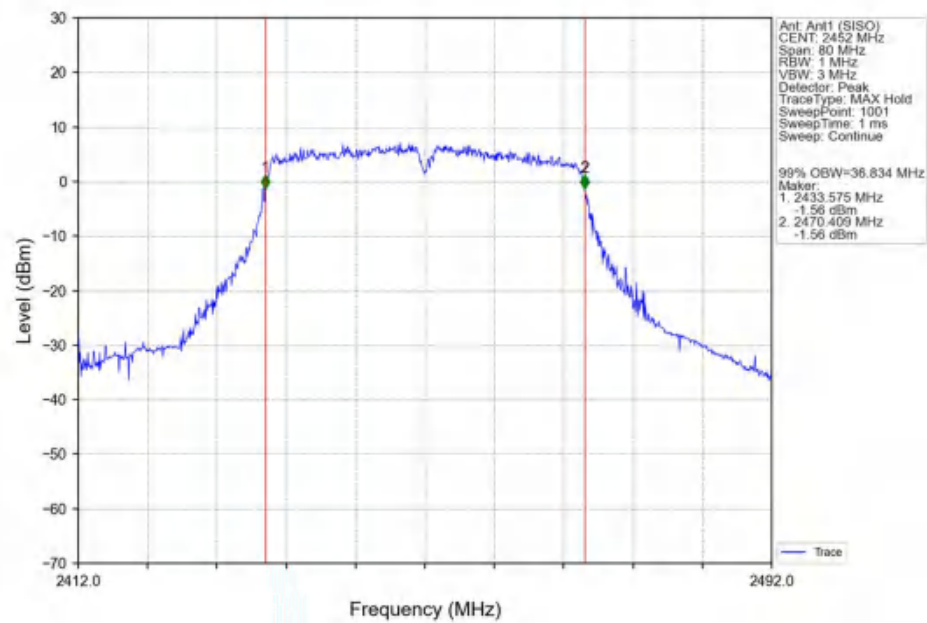
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



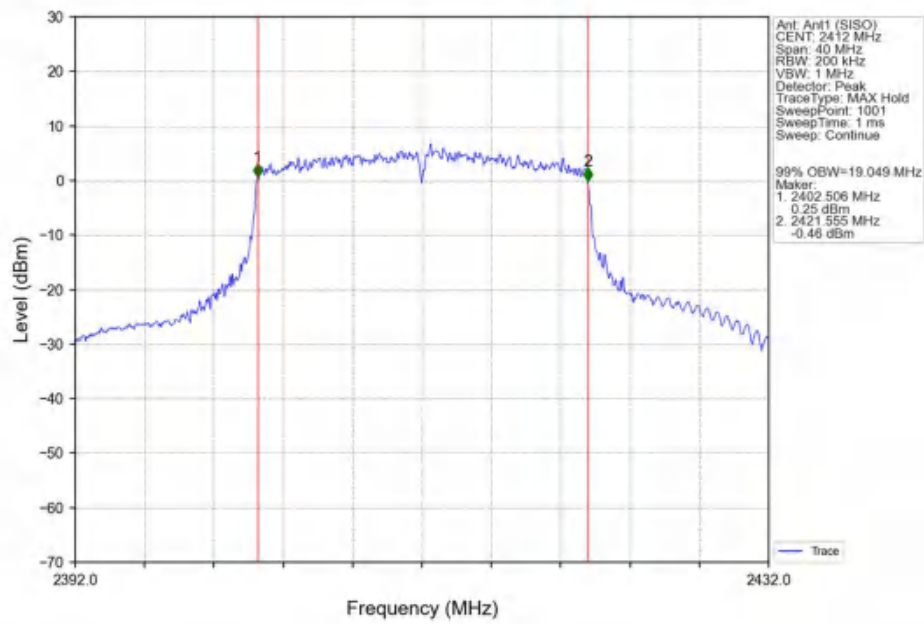
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



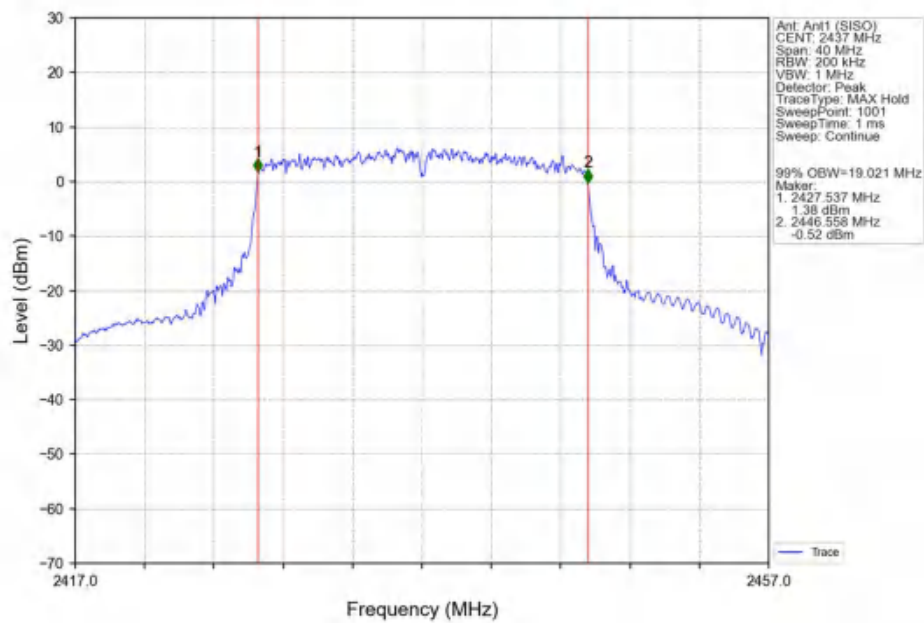
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



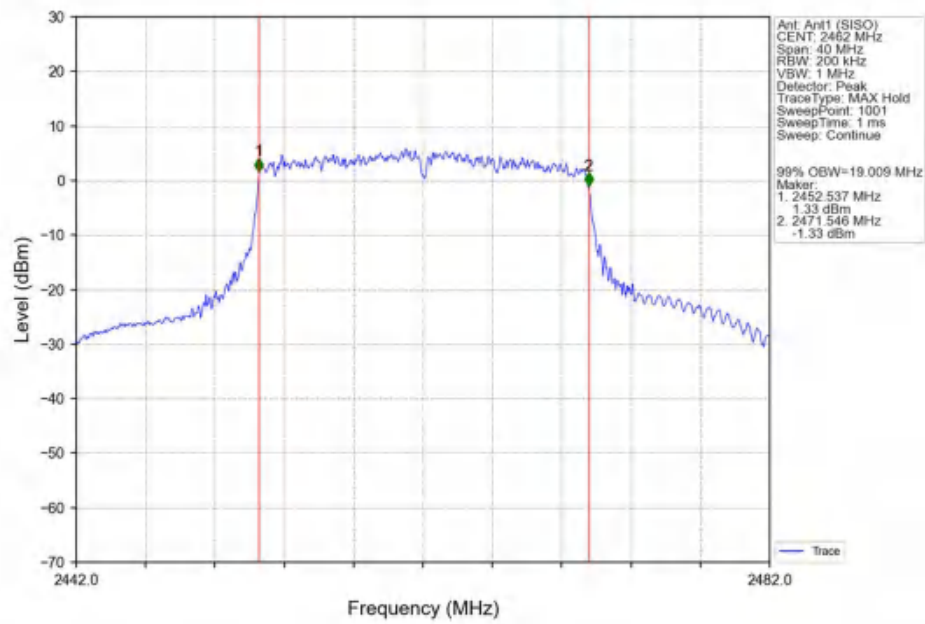
802.11ax(HEW20) LCH 2412MHz SU / Ant1 (SISO) NTN



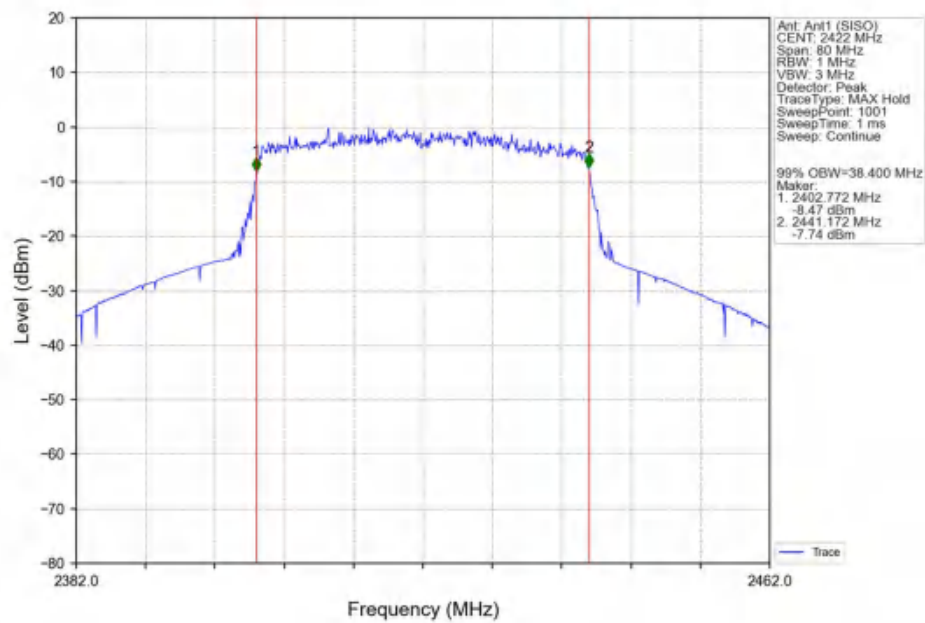
802.11ax(HEW20) MCH 2437MHz SU / Ant1 (SISO) NTN



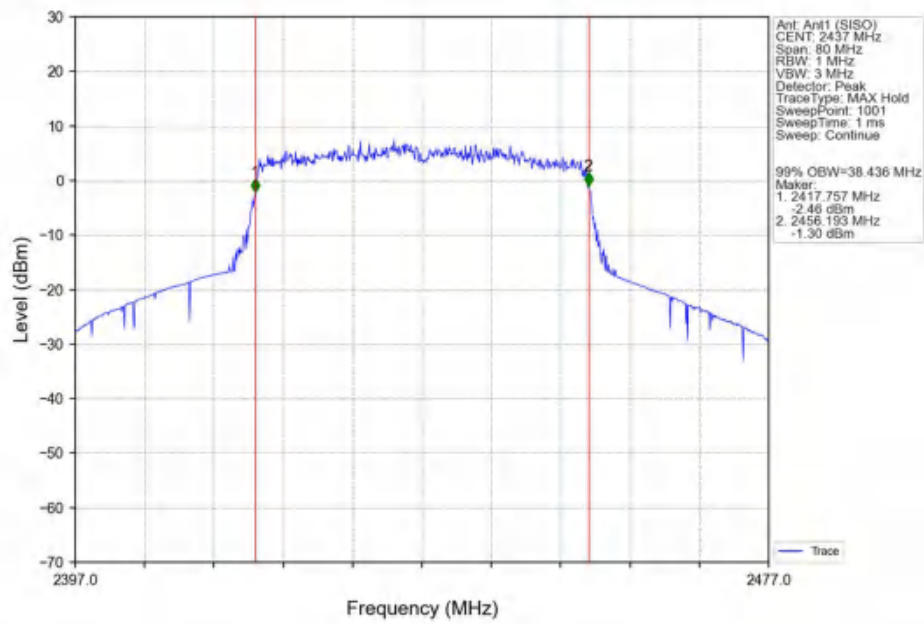
802.11ax(HEW20) HCH 2462MHz_SU / Ant1 (SISO) NTN



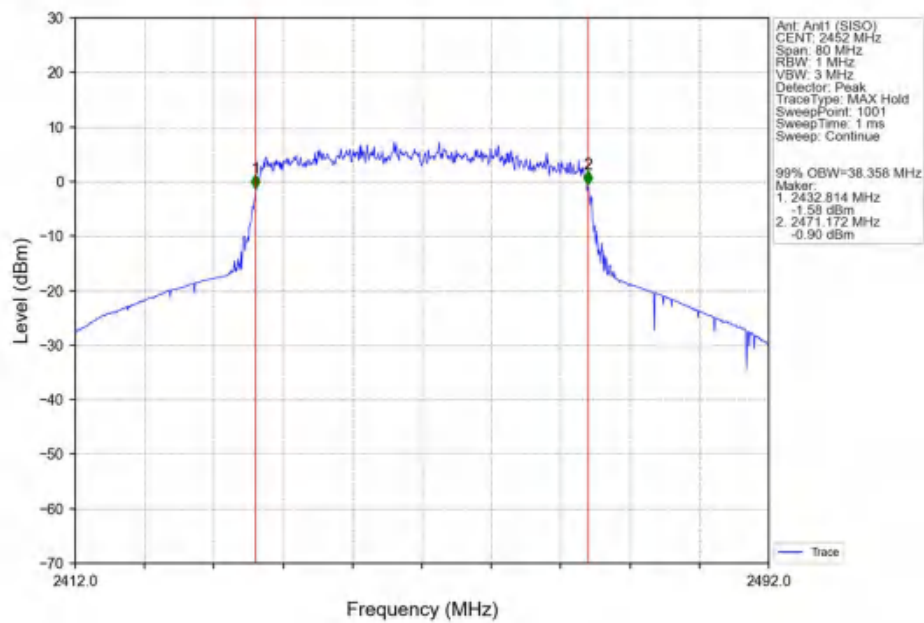
802.11ax(HEW40) LCH 2422MHz_SU / Ant1 (SISO) NTN



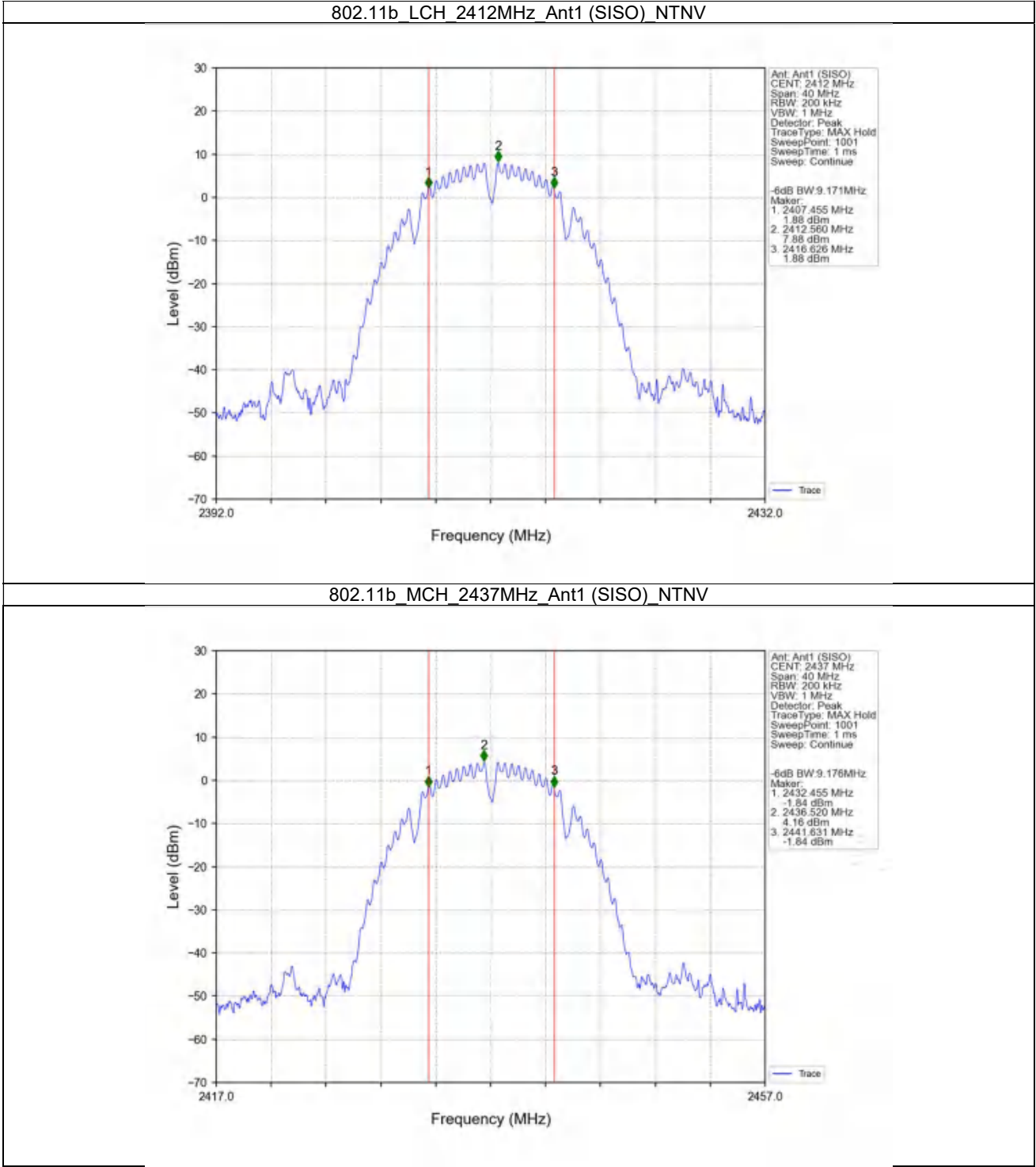
802.11ax(HEW40) MCH 2437MHz_SU / Ant1 (SISO) NTN



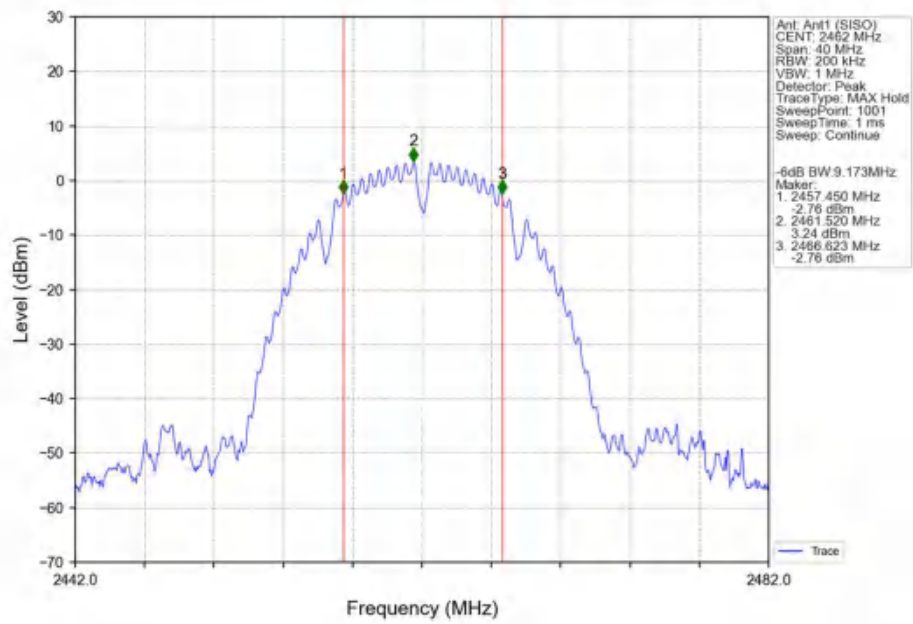
802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN



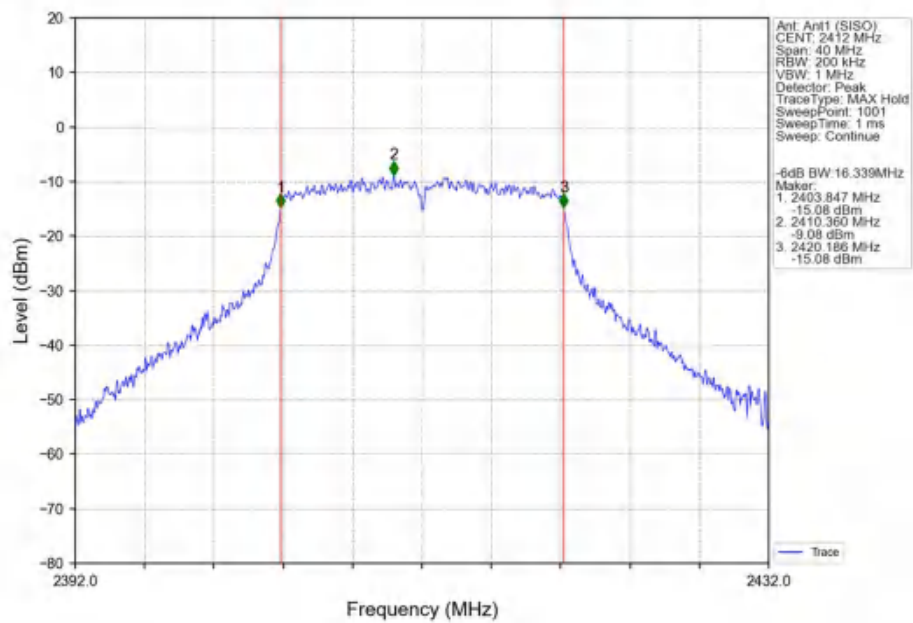
2.2.2 6dB BW



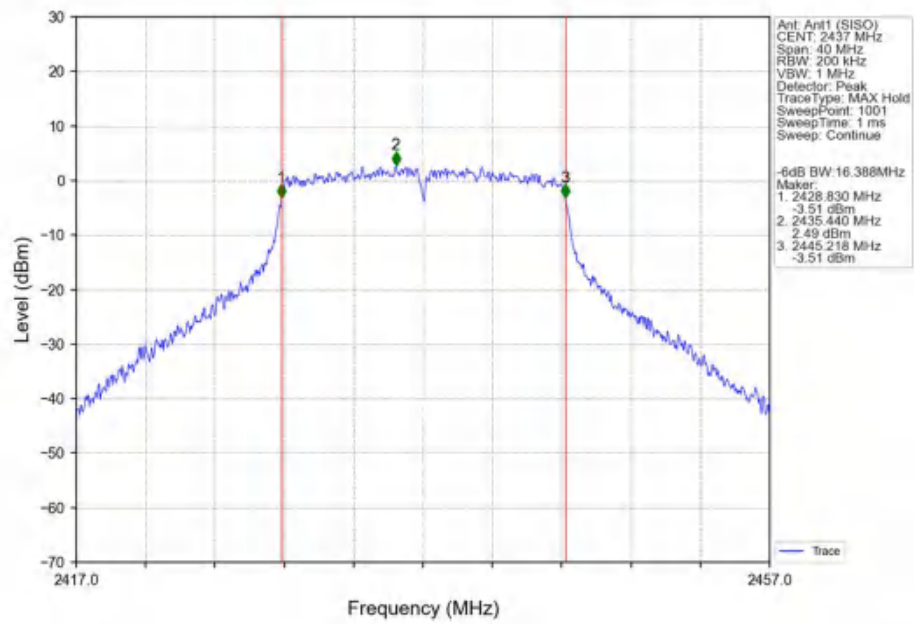
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



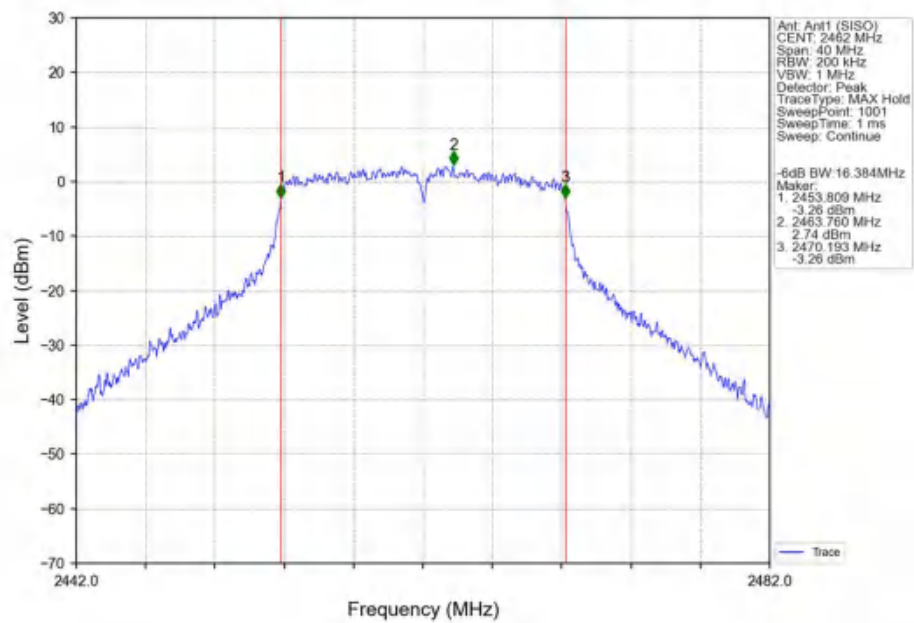
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



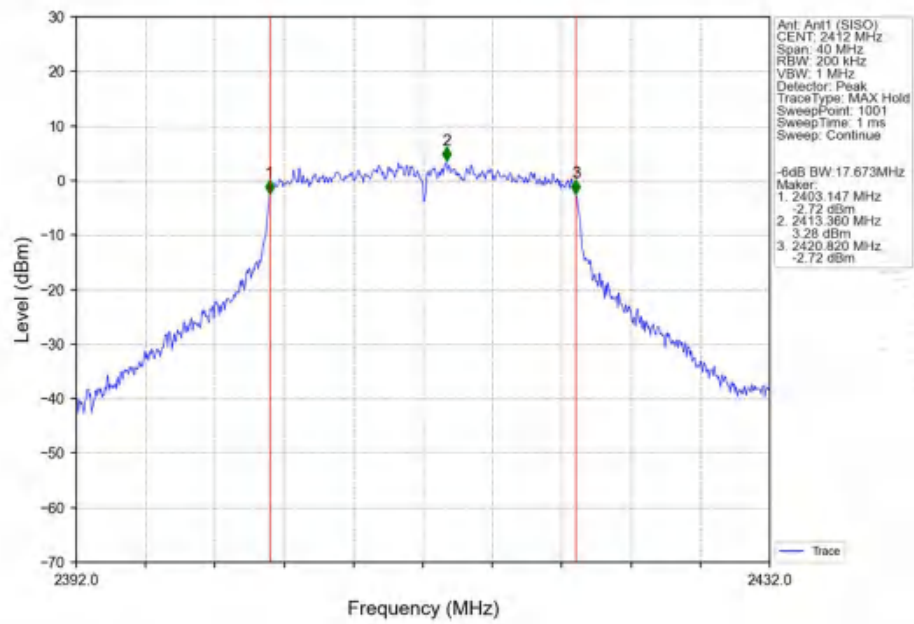
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



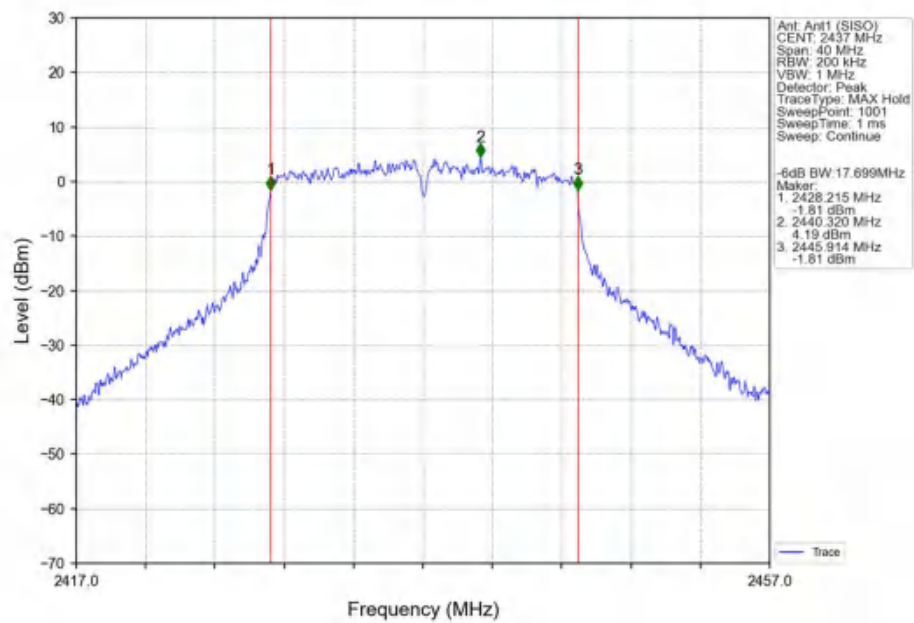
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



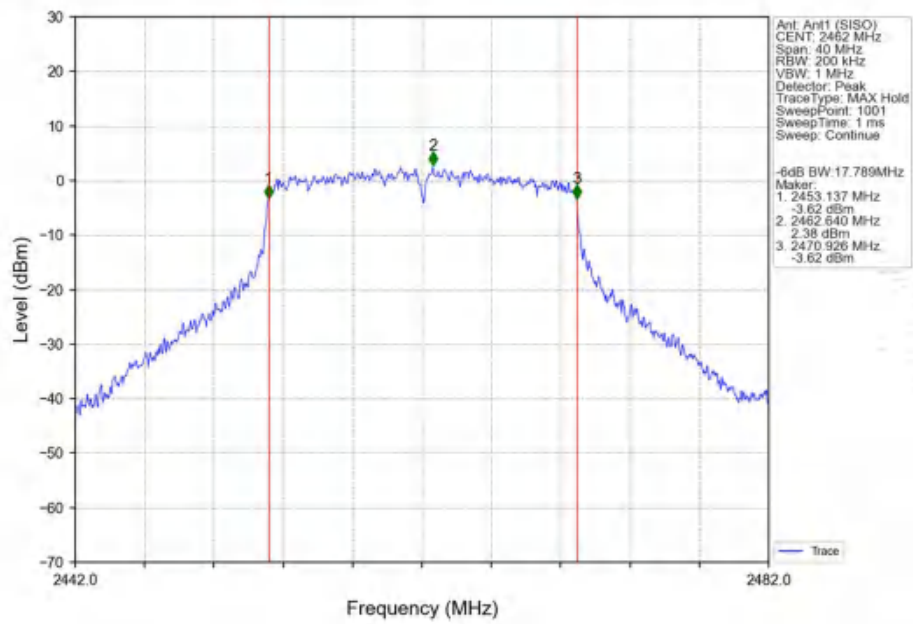
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



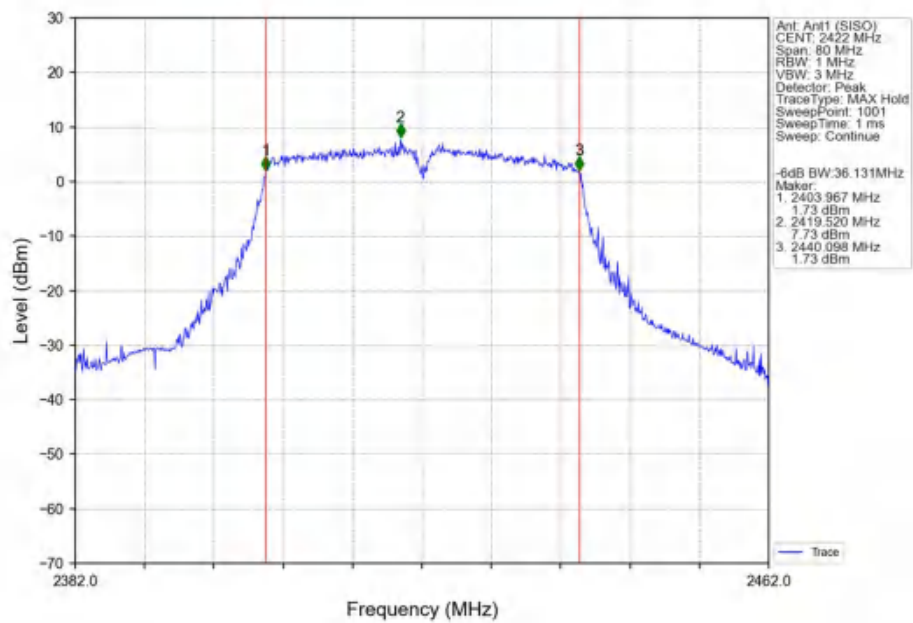
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



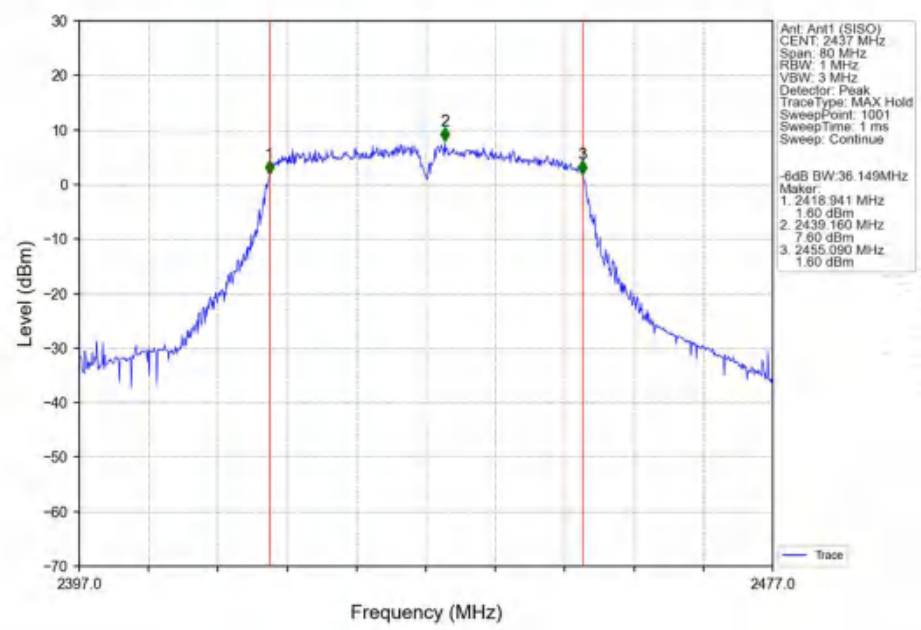
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



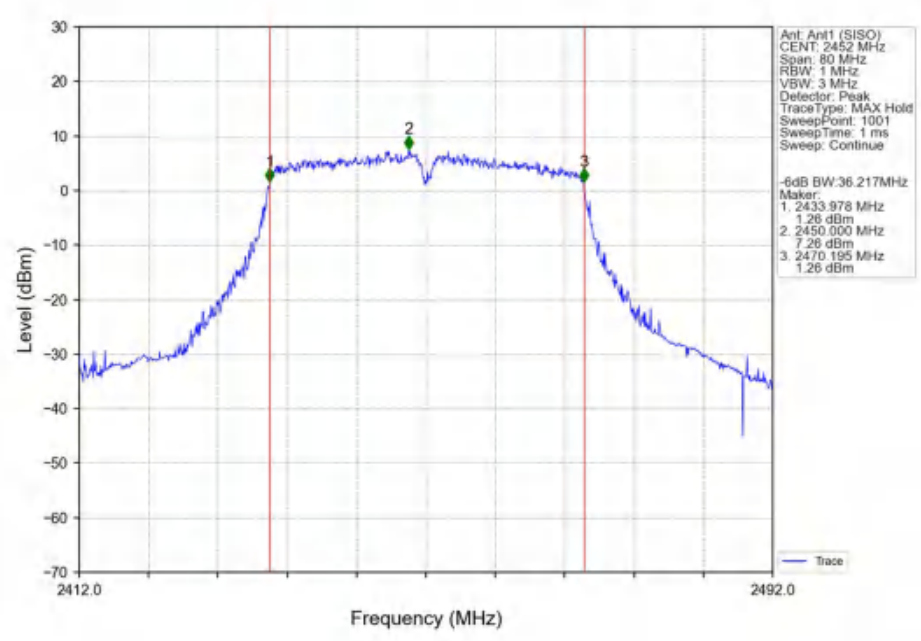
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



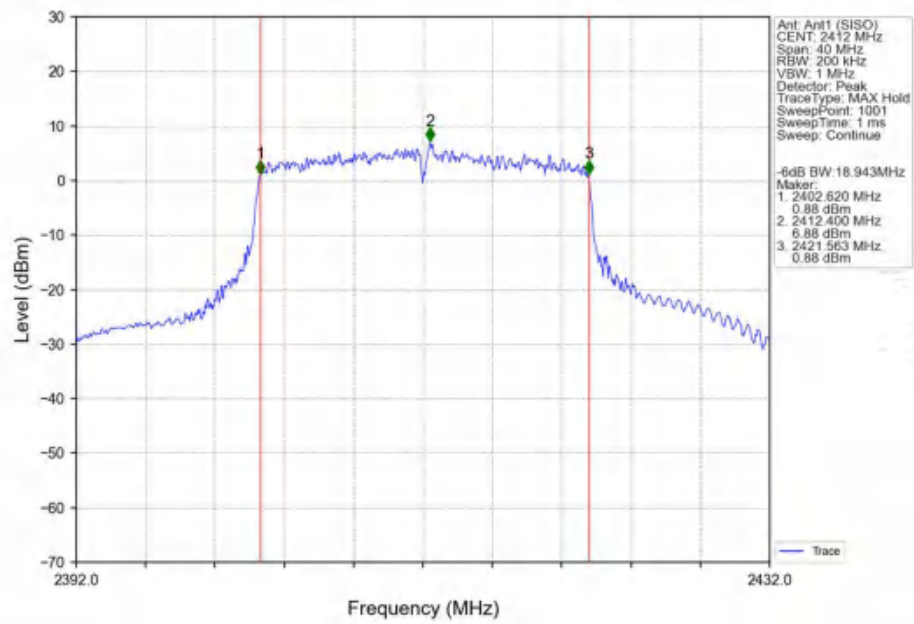
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



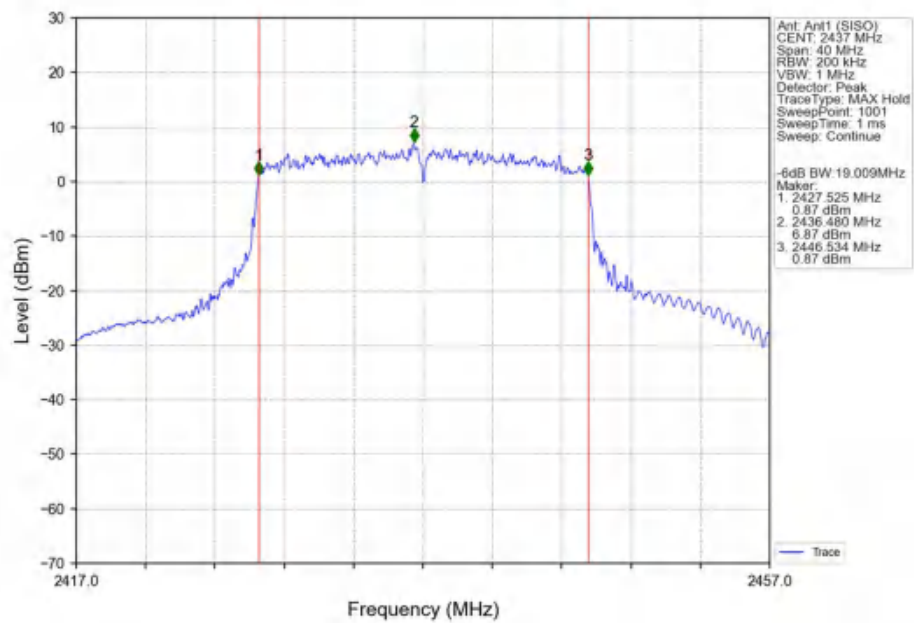
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



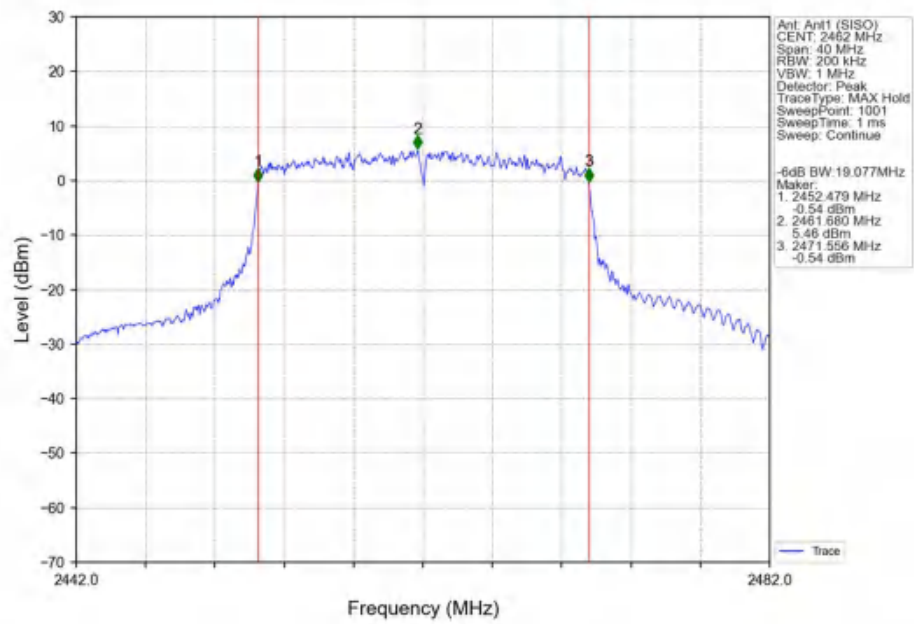
802.11ax(HEW20) LCH 2412MHz SU / Ant1 (SISO) NTN



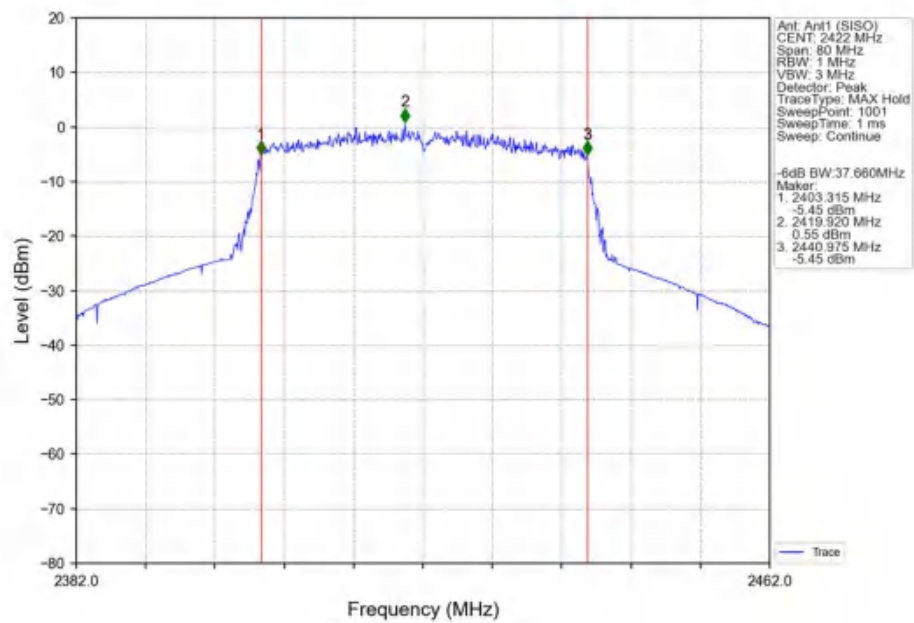
802.11ax(HEW20) MCH 2437MHz SU / Ant1 (SISO) NTN



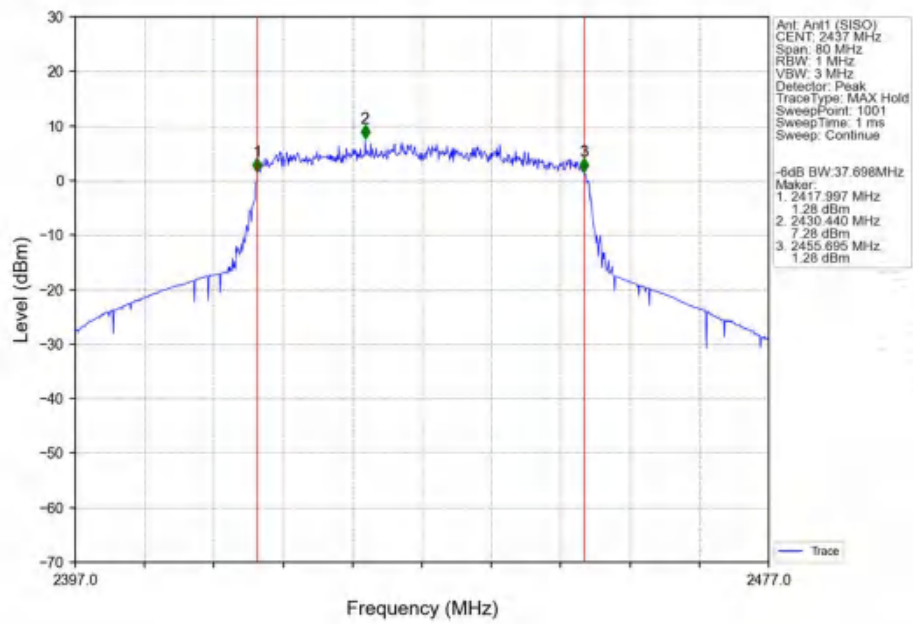
802.11ax(HEW20) HCH 2462MHz SU / Ant1 (SISO) NTN



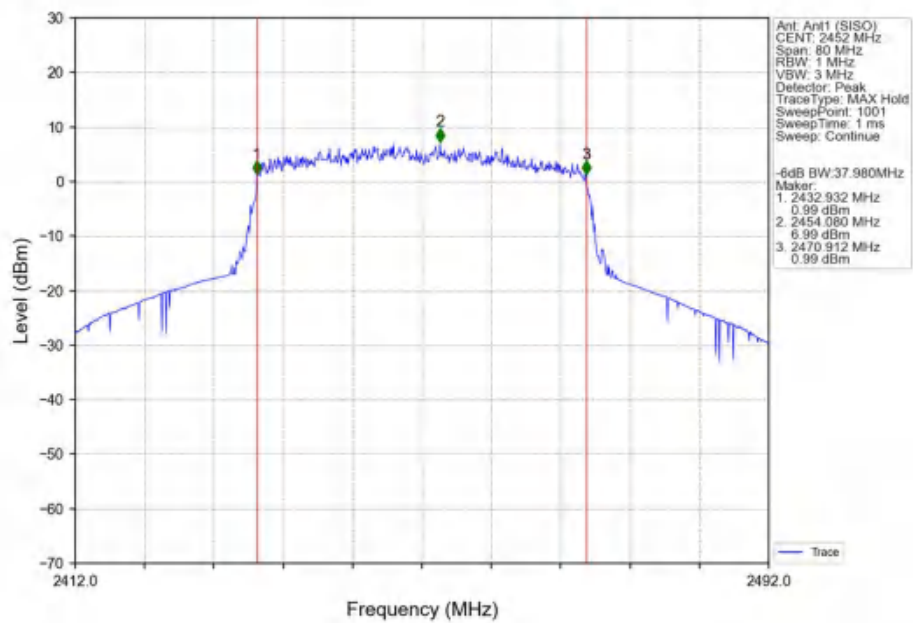
802.11ax(HEW40) LCH 2422MHz SU / Ant1 (SISO) NTN



802.11ax(HEW40) MCH 2437MHz SU / Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz SU / Ant1 (SISO) NTN



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	9.37	2.6	11.97	<=30	Pass
		2437	8.7	2.6	11.3	<=30	Pass
		2462	8.85	2.6	11.45	<=30	Pass
802.11g	SISO	2412	10.86	0.33	11.19	<=30	Pass
		2437	11.11	0.36	11.47	<=30	Pass
		2462	11.24	0.27	11.51	<=30	Pass
802.11n (HT20)	SISO	2412	8.29	2.82	11.11	<=30	Pass
		2437	9.4	2.22	11.62	<=30	Pass
		2462	8.1	3.04	11.14	<=30	Pass
802.11n (HT40)	SISO	2422	7.49	3.65	11.14	<=30	Pass
		2437	7.45	4.26	11.71	<=30	Pass
		2452	7.84	3.64	11.48	<=30	Pass
802.11ax (HEW20)	SISO	2412	7.61	4.21	11.82	<=30	Pass
		2437	7.76	3.3	11.06	<=30	Pass
		2462	6.54	4.12	10.66	<=30	Pass
802.11ax (HEW40)	SISO	2422	5.93	4.3	10.23	<=30	Pass
		2437	3.57	7.3	10.87	<=30	Pass
		2452	5.62	4.94	10.56	<=30	Pass
Note1: Antenna Gain: Ant1: 1.23dBi;							

4. Maximum Power Spectral Density

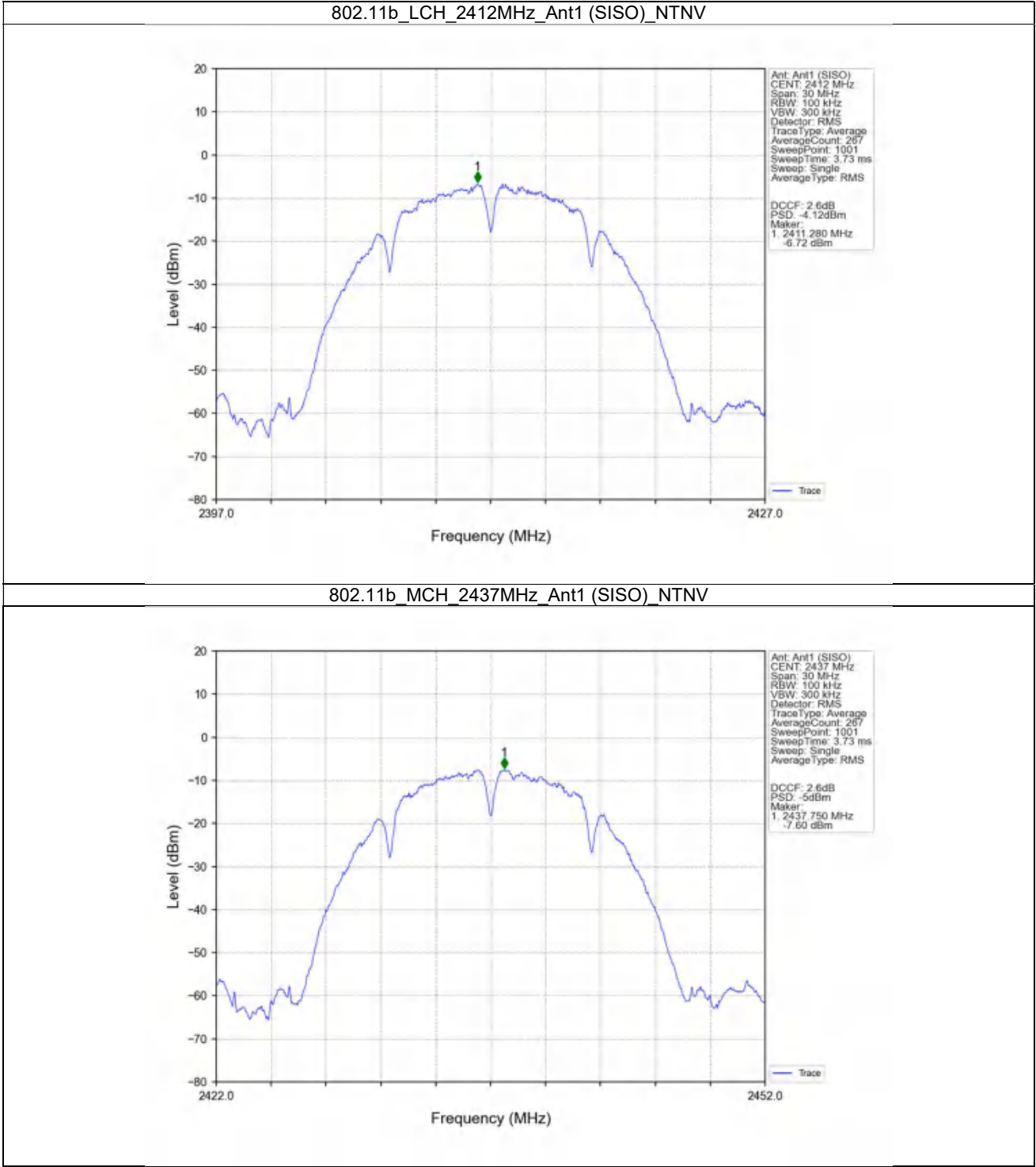
4.1 Test Result

4.1.1 PSD

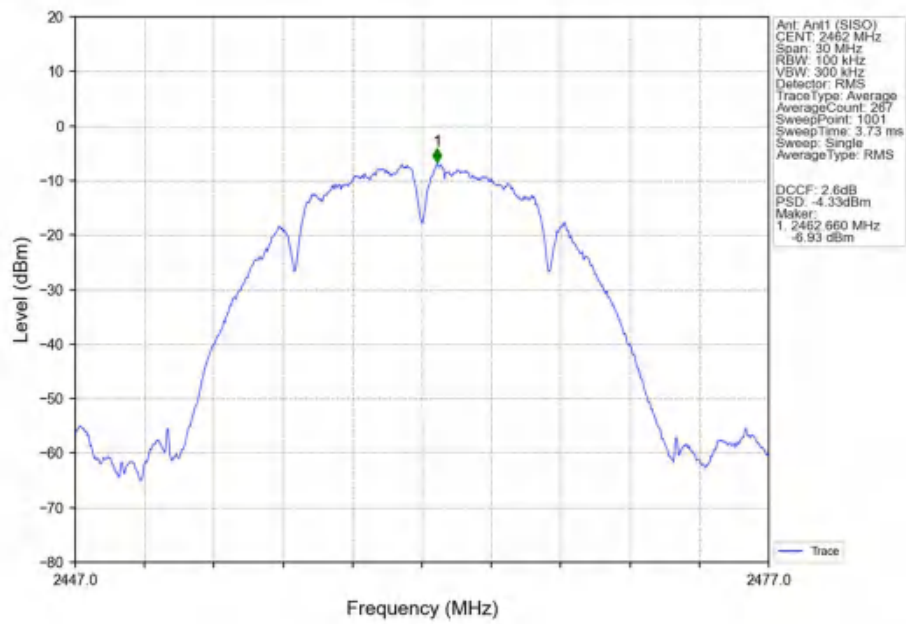
Mode	TX Type	Frequency (MHz)	Maximum PSD		Verdict
			ANT1 (dBm/100KHz)	Limit (dBm/3KHz)	
802.11b	SISO	2412	-4.12	<=8	Pass
		2437	-5.00	<=8	Pass
		2462	-4.33	<=8	Pass
802.11g	SISO	2412	-7.64	<=8	Pass
		2437	-7.25	<=8	Pass
		2462	-7.26	<=8	Pass
802.11n (HT20)	SISO	2412	-4.96	<=8	Pass
		2437	-5.54	<=8	Pass
		2462	-6.34	<=8	Pass
802.11n (HT40)	SISO	2422	-7.88	<=8	Pass
		2437	-7.64	<=8	Pass
		2452	-7.16	<=8	Pass
802.11ax (HEW20)	SISO	2412	-4.85	<=8	Pass
		2437	-5.62	<=8	Pass
		2462	-6.29	<=8	Pass
802.11ax (HEW40)	SISO	2422	-9.48	<=8	Pass
		2437	-8.82	<=8	Pass
		2452	-9.03	<=8	Pass
Note1: Antenna Gain: Ant1: 1.23dBi; Note2: The Duty Cycle Factor has been compensated in the test graph.					

4.2 Test Graph

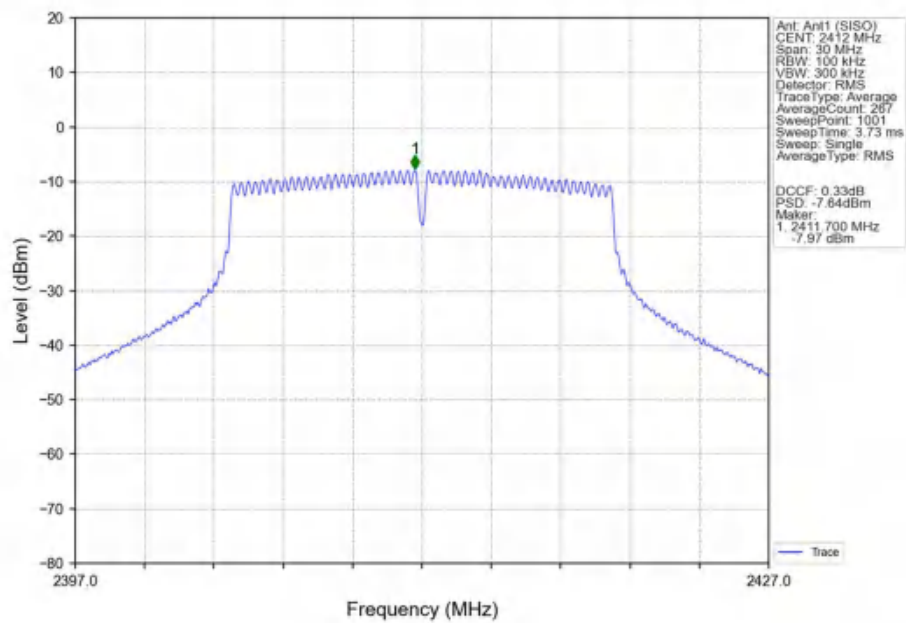
4.2.1 PSD



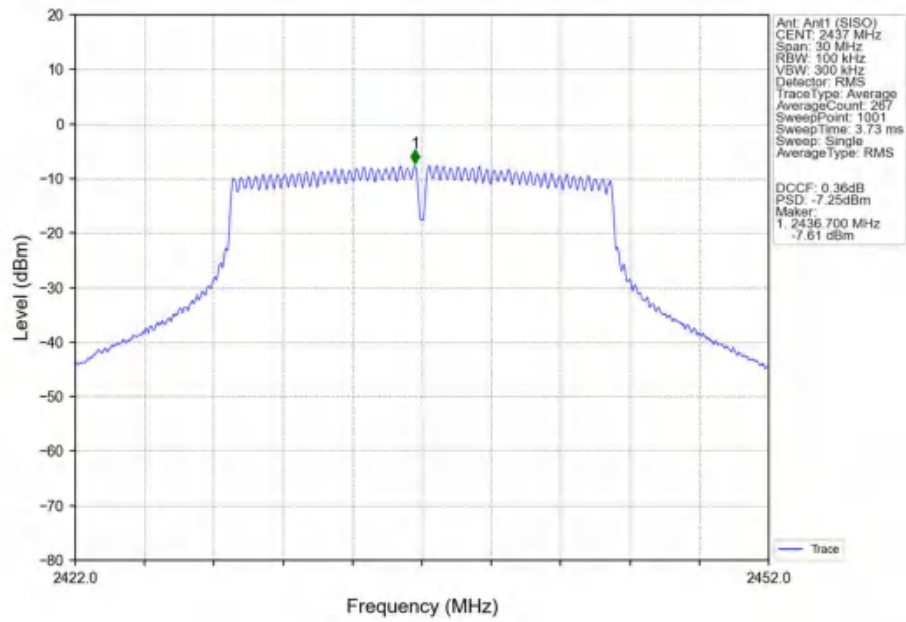
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



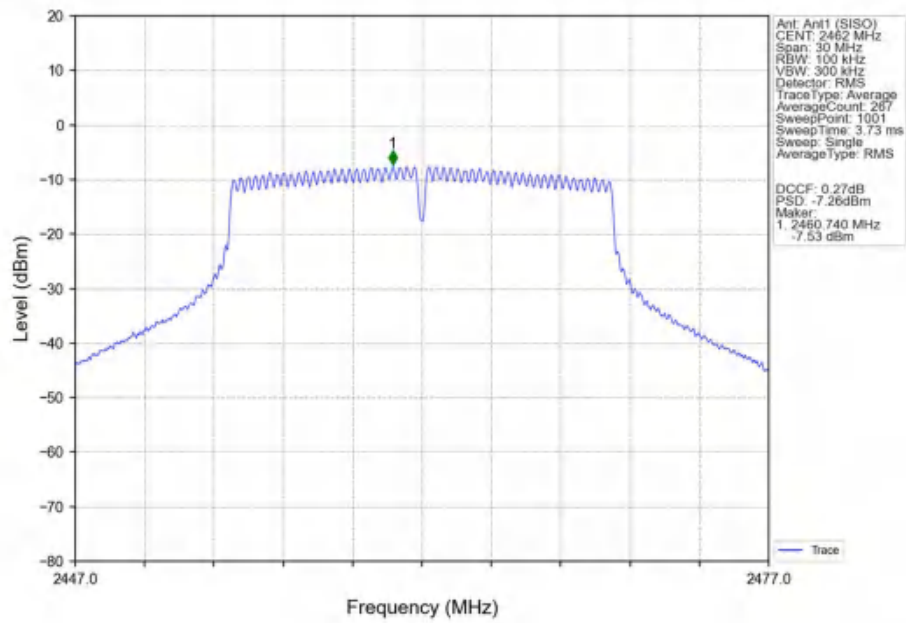
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



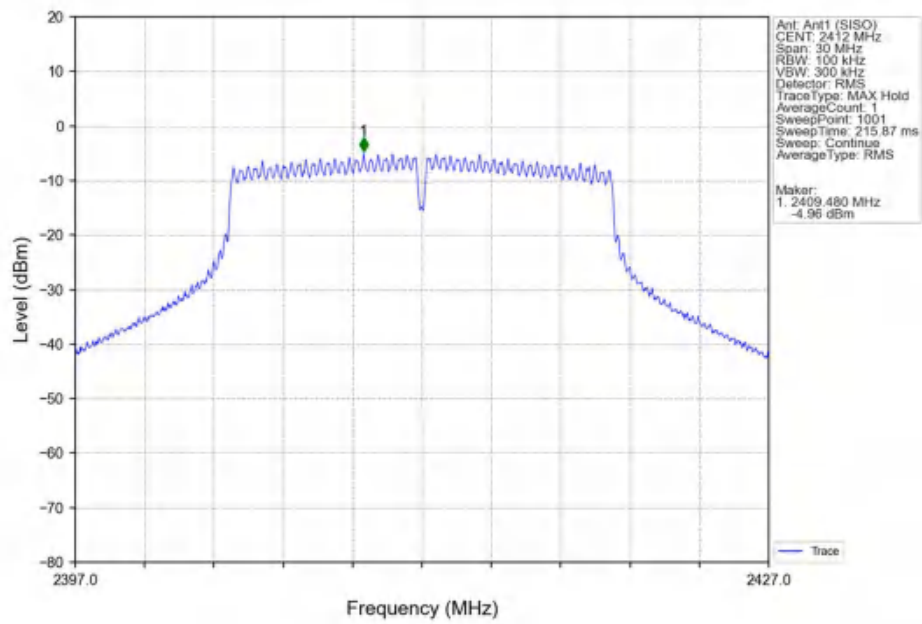
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



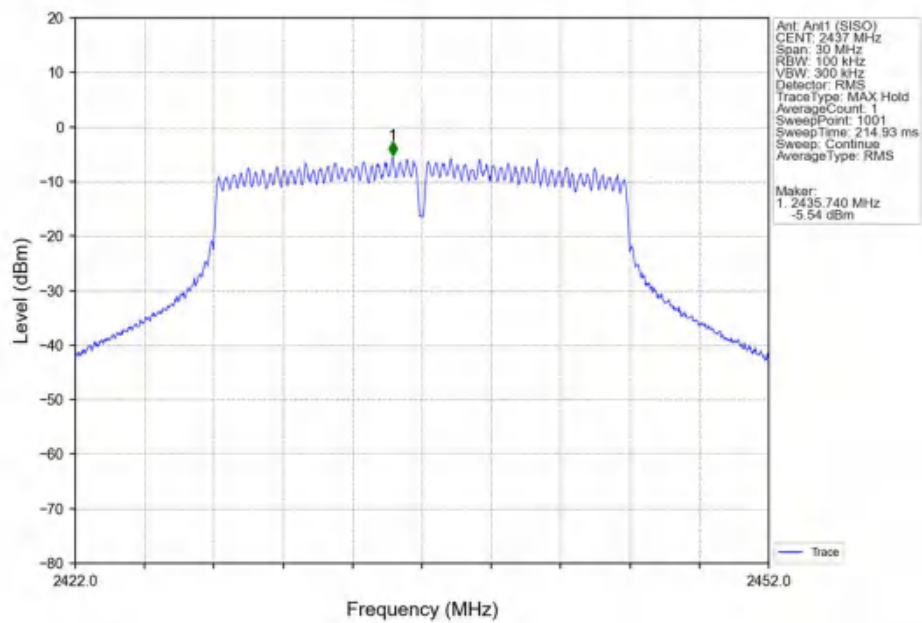
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



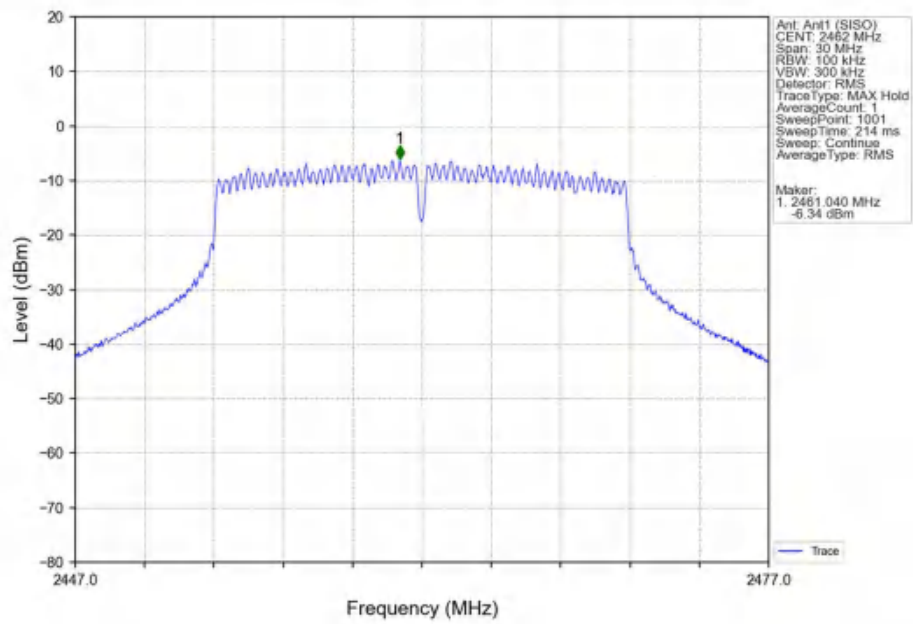
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



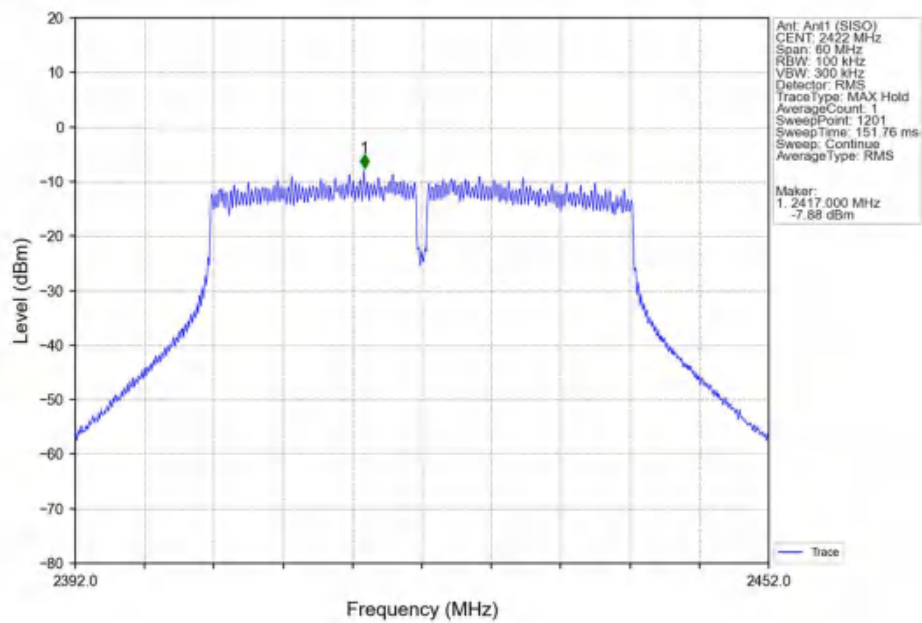
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



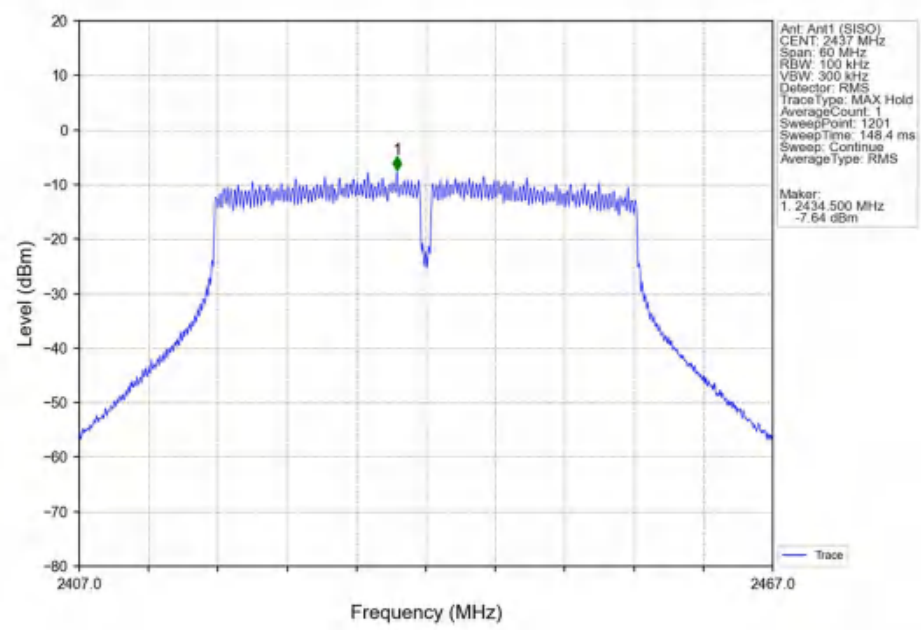
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



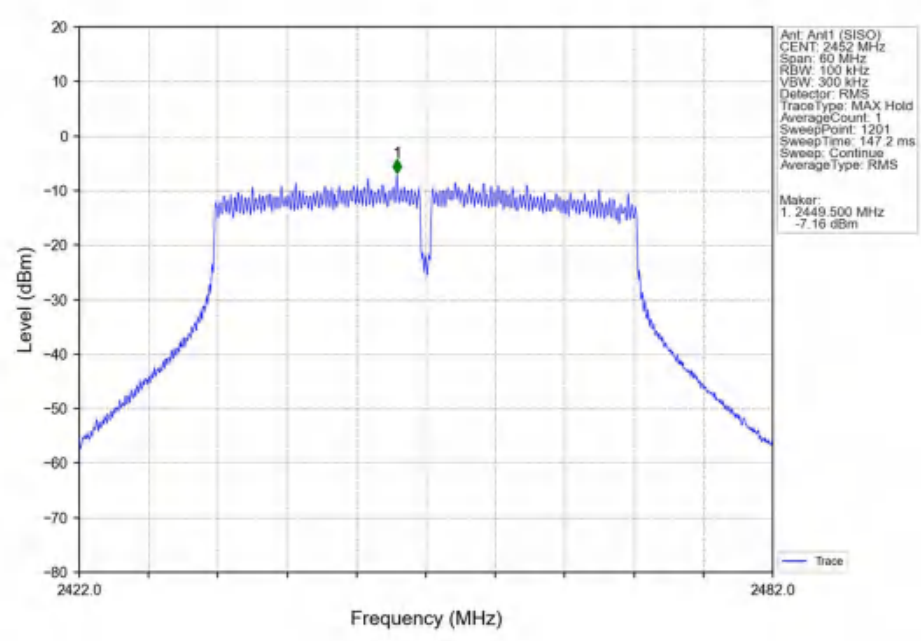
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



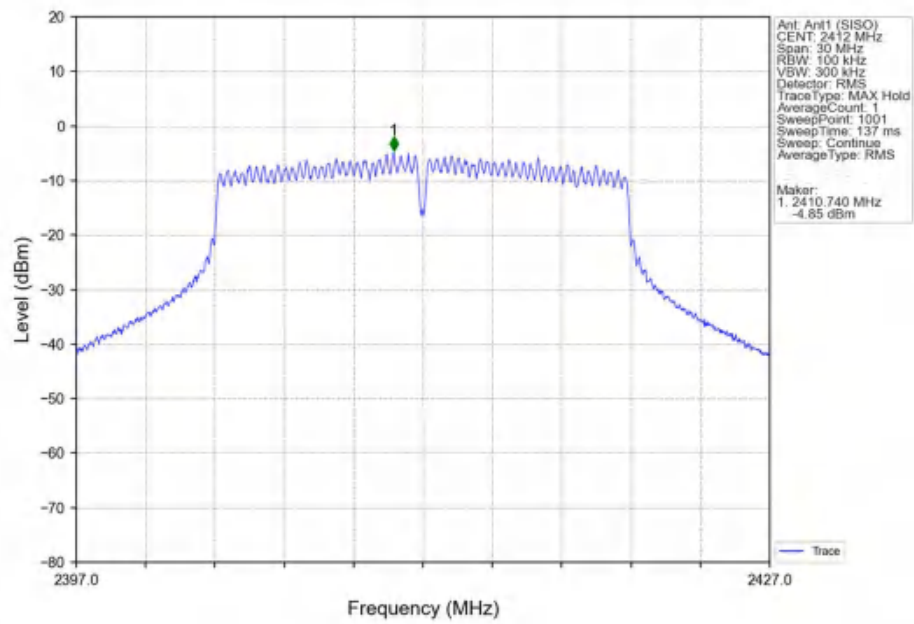
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



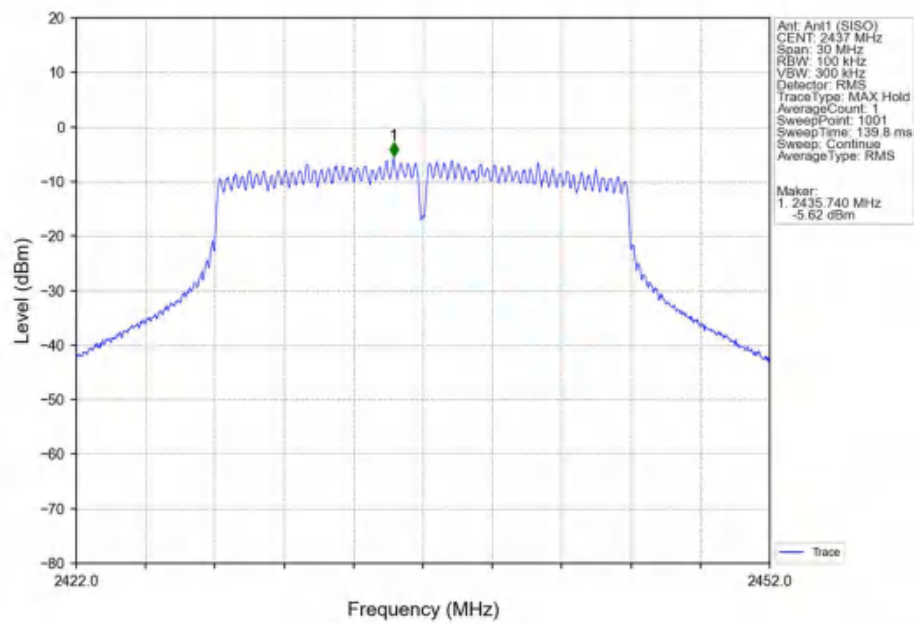
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



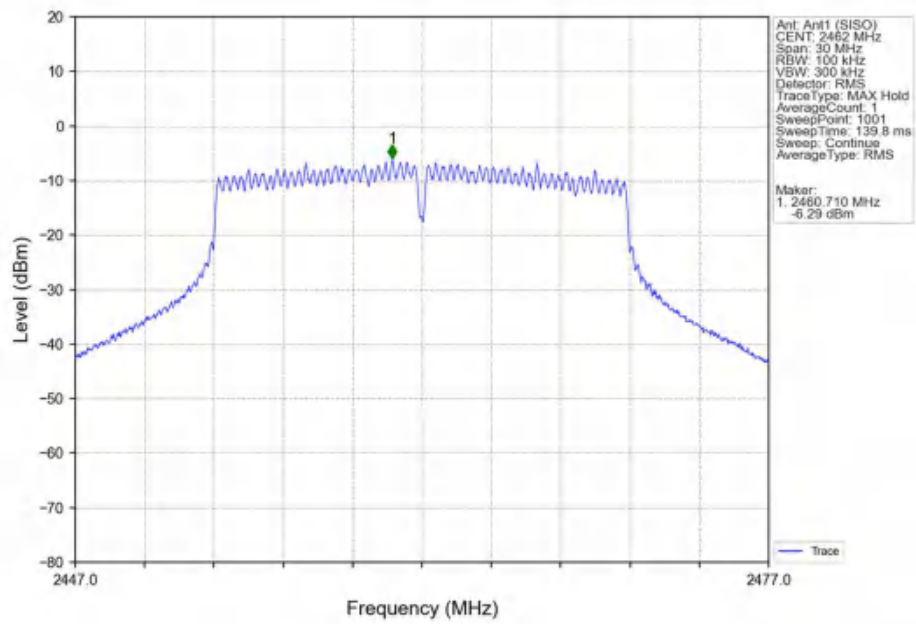
802.11ax(HEW20) LCH 2412MHz_SU / Ant1 (SISO) NTNv



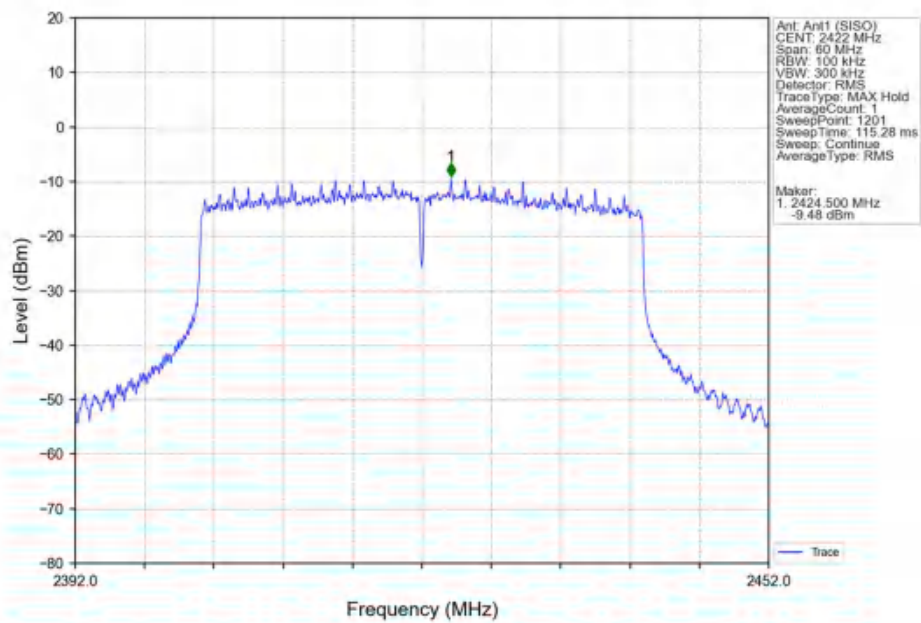
802.11ax(HEW20) MCH 2437MHz_SU / Ant1 (SISO) NTNv



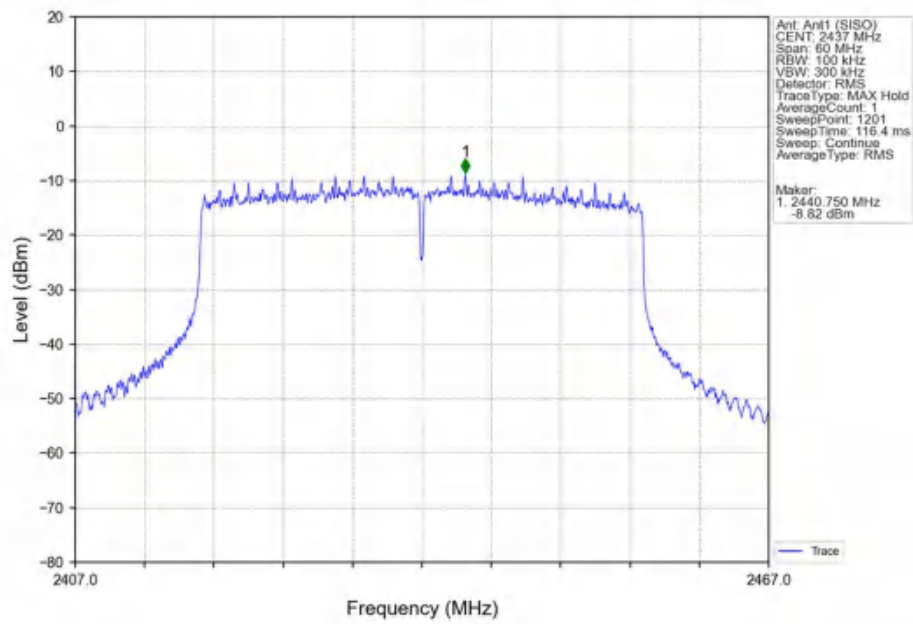
802.11ax(HEW20) HCH 2462MHz_SU / Ant1 (SISO) NTN



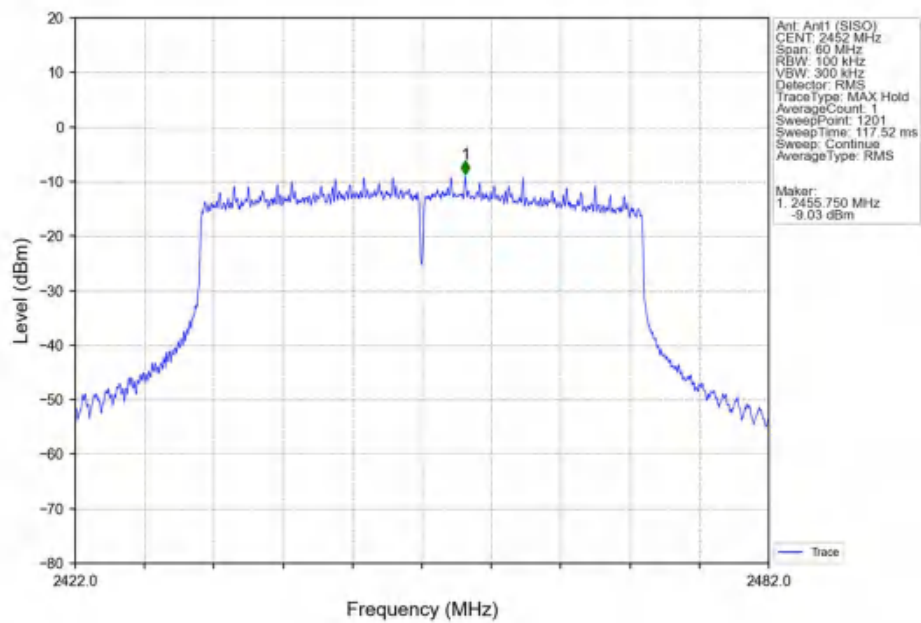
802.11ax(HEW40) LCH 2422MHz_SU / Ant1 (SISO) NTN



802.11ax(HEW40) MCH 2437MHz_SU / Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

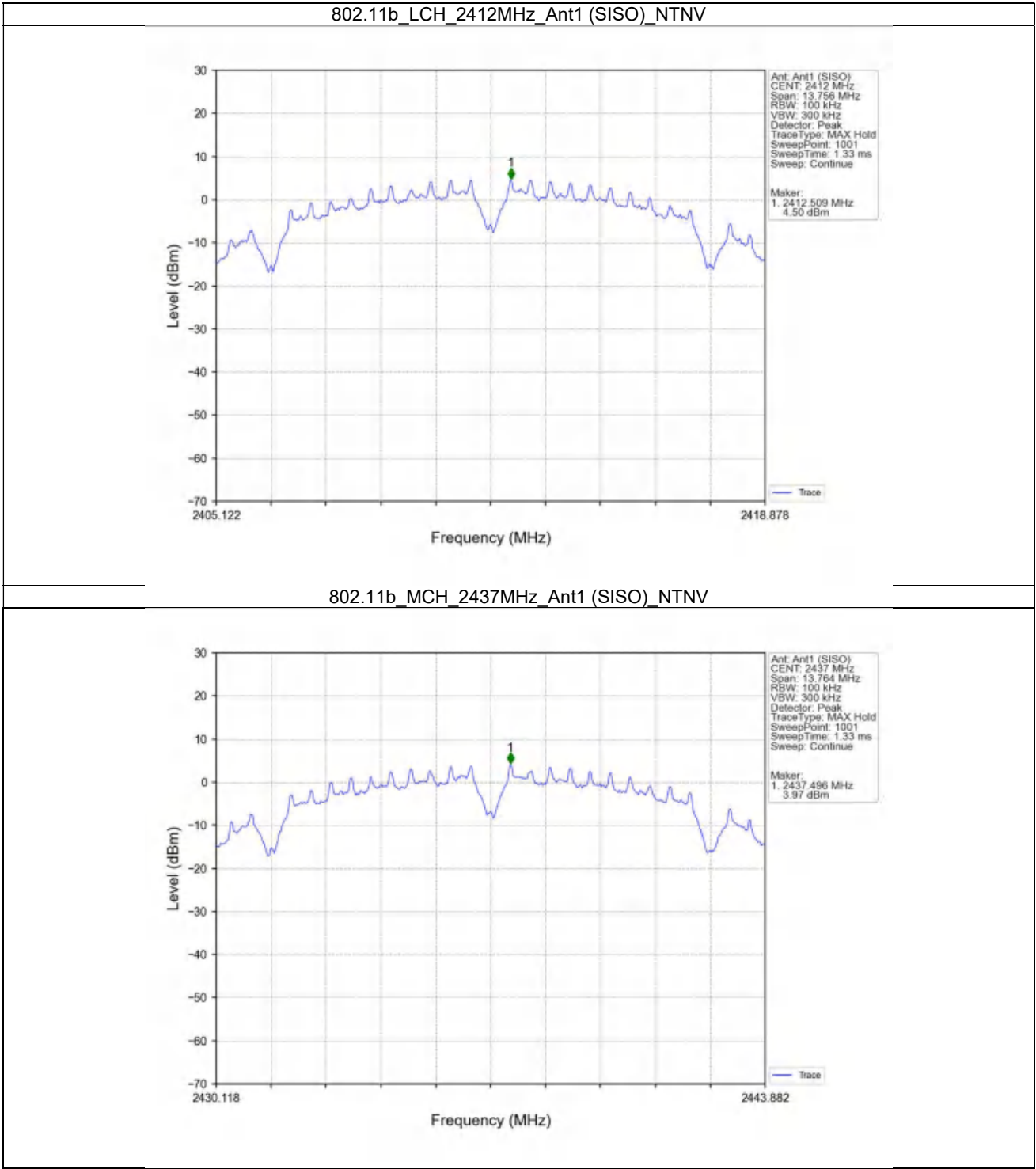
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	4.50
		2437	1	3.97
		2462	1	4.14
802.11g	SISO	2412	1	1.54
		2437	1	1.80
		2462	1	1.94
802.11n (HT20)	SISO	2412	1	2.17
		2437	1	3.03
		2462	1	1.32
802.11n (HT40)	SISO	2422	1	-1.80
		2437	1	-1.18
		2452	1	-1.32
802.11ax (HEW20)	SISO	2412	1	4.63
		2437	1	5.11
		2462	1	4.54
802.11ax (HEW40)	SISO	2422	1	-9.39
		2437	1	-2.07
		2452	1	-2.24

5.1.2 CS

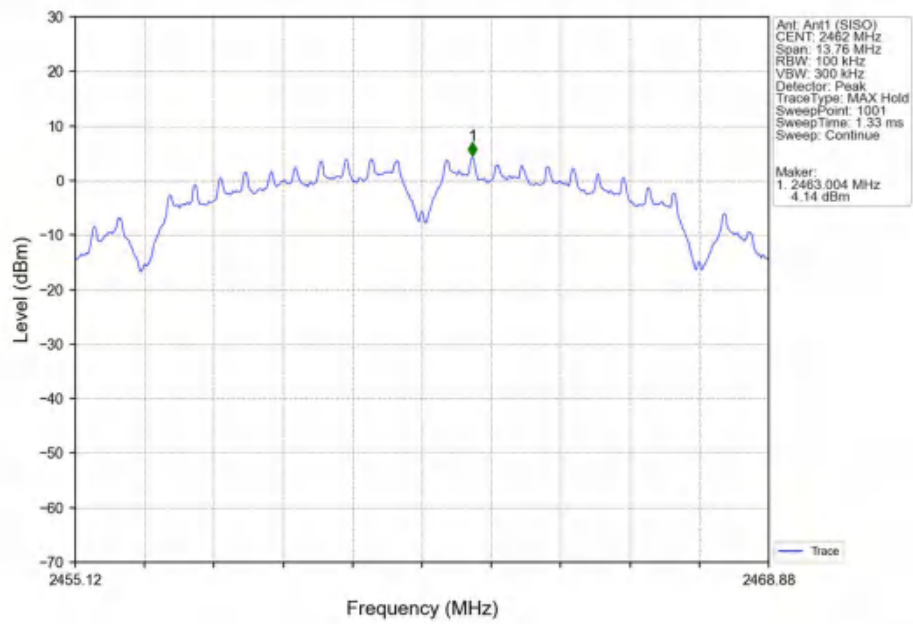
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	4.50	-25.50	Pass
		2437	1	3.97	-26.03	Pass
		2462	1	4.14	-25.86	Pass
802.11g	SISO	2412	1	1.54	-28.46	Pass
		2437	1	1.80	-28.20	Pass
		2462	1	1.94	-28.06	Pass
802.11n (HT20)	SISO	2412	1	2.17	-27.83	Pass
		2437	1	3.03	-26.97	Pass
		2462	1	1.32	-28.68	Pass
802.11n (HT40)	SISO	2422	1	-1.80	-31.80	Pass
		2437	1	-1.18	-31.18	Pass
		2452	1	-1.32	-31.32	Pass
802.11ax (HEW20)	SISO	2412	1	4.63	-25.37	Pass
		2437	1	5.11	-24.89	Pass
		2462	1	4.54	-25.46	Pass
802.11ax (HEW40)	SISO	2422	1	-9.39	-39.39	Pass
		2437	1	-2.07	-32.07	Pass
		2452	1	-2.24	-32.24	Pass

5.2 Test Graph

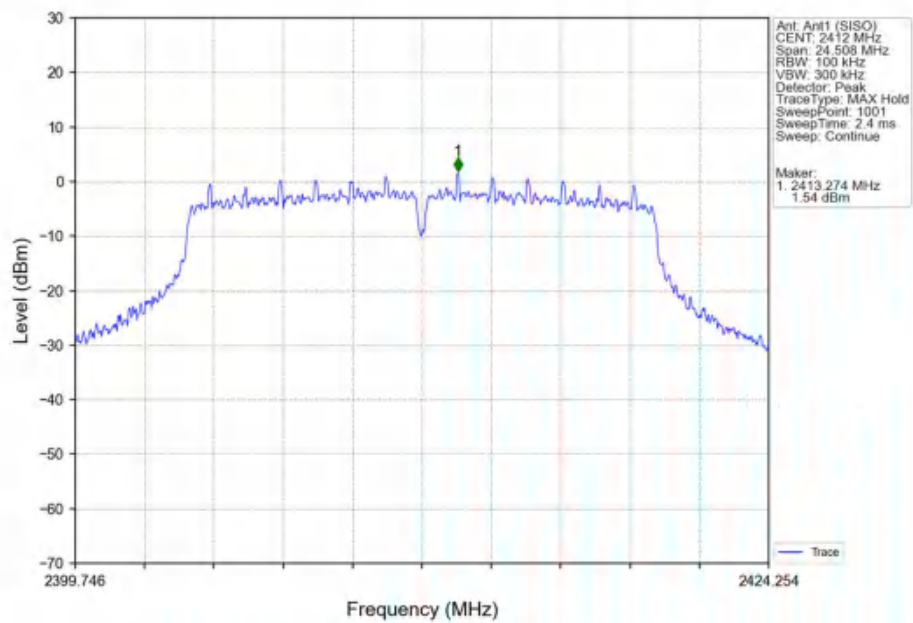
5.2.1 Ref



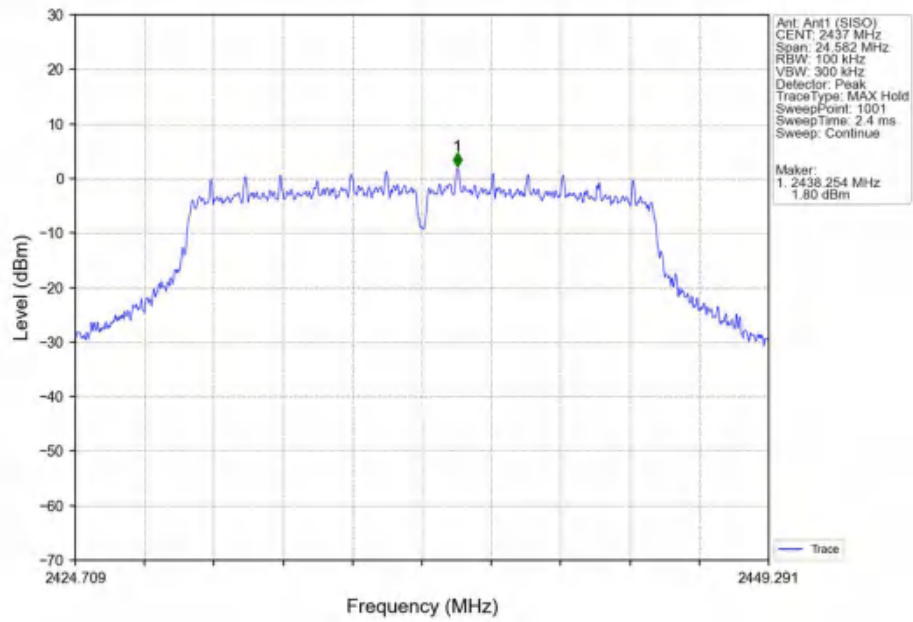
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



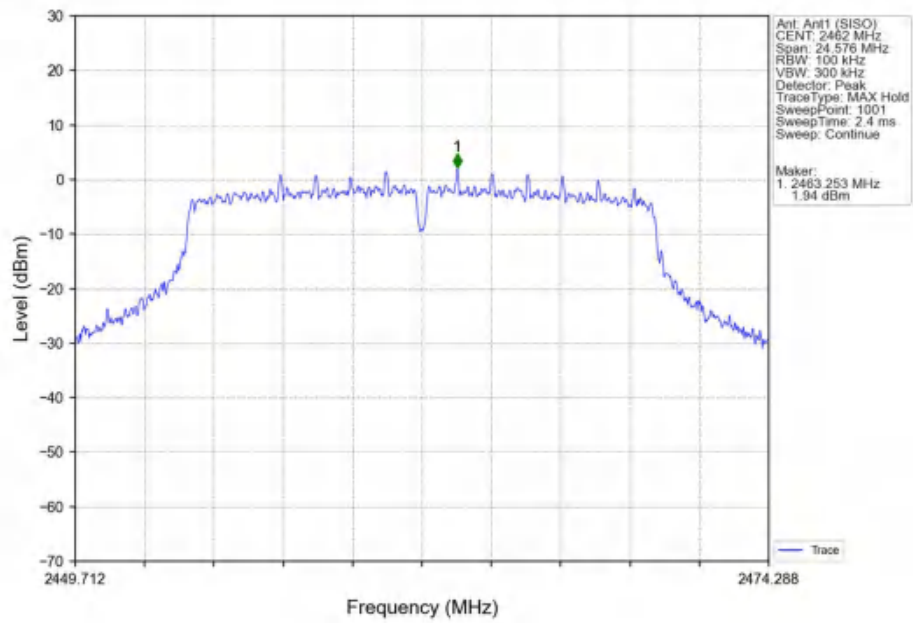
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



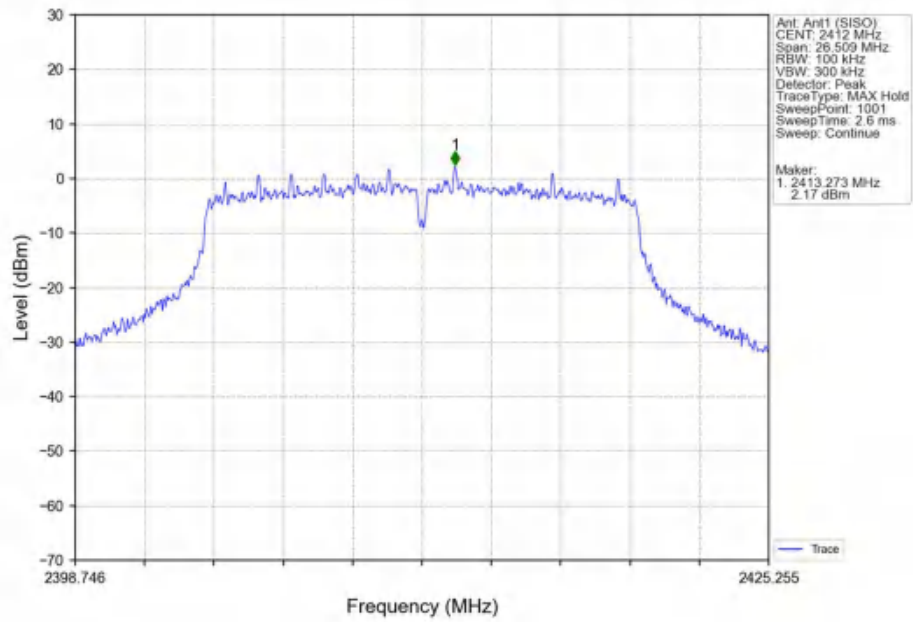
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



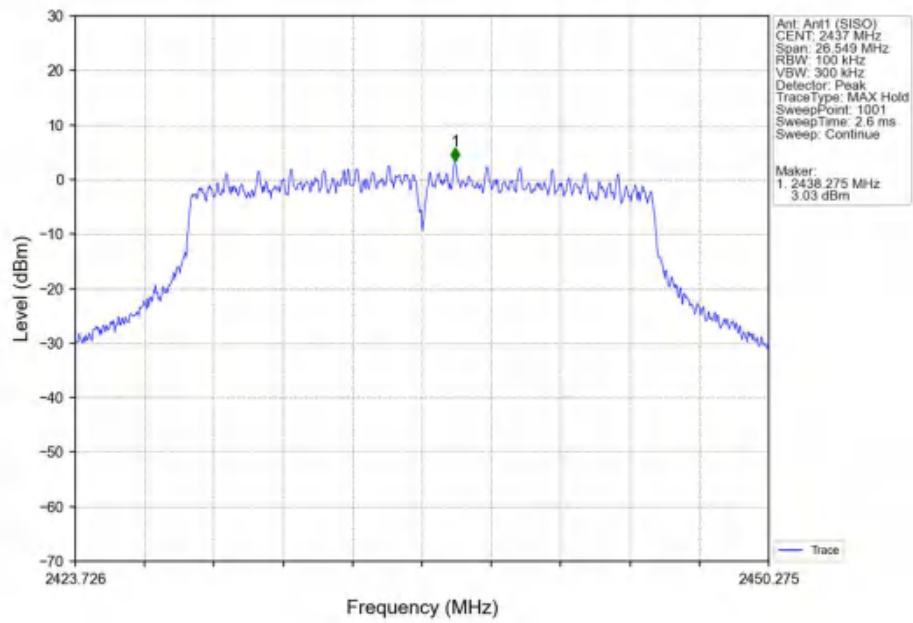
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



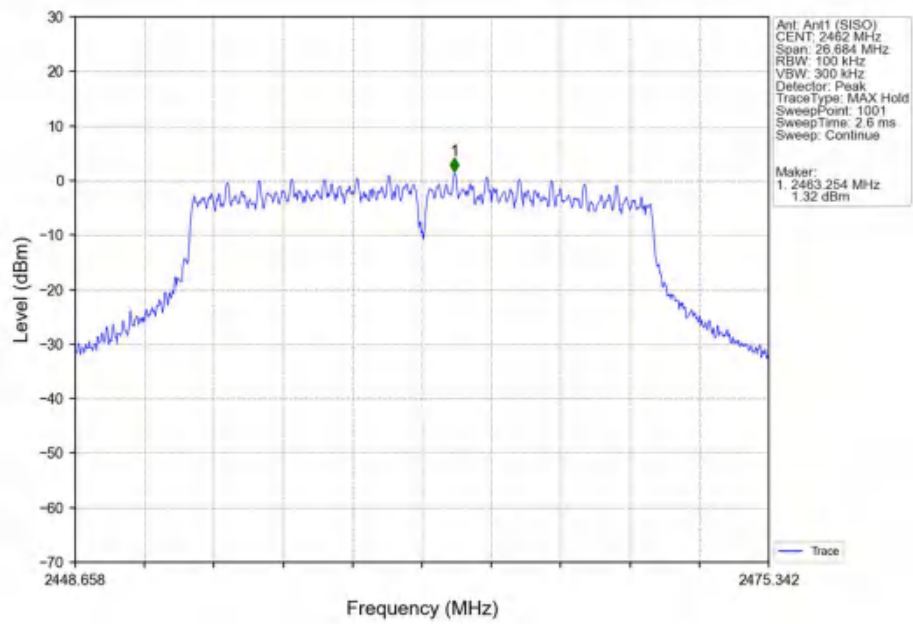
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



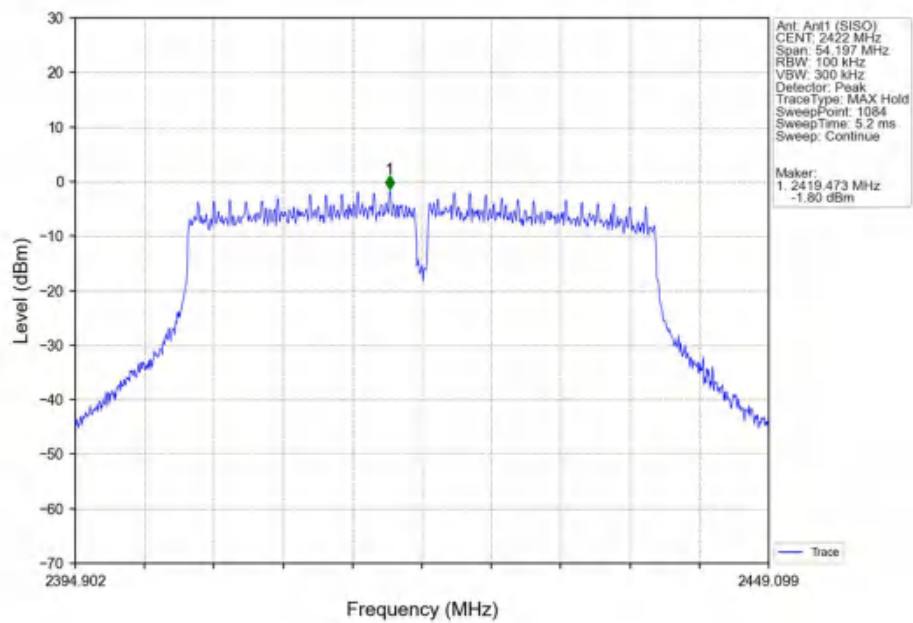
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



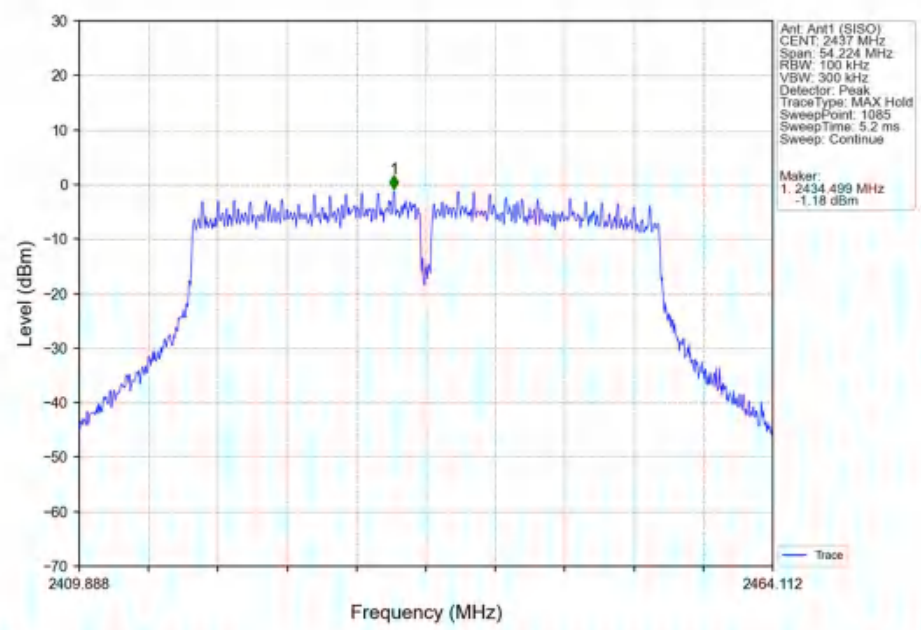
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



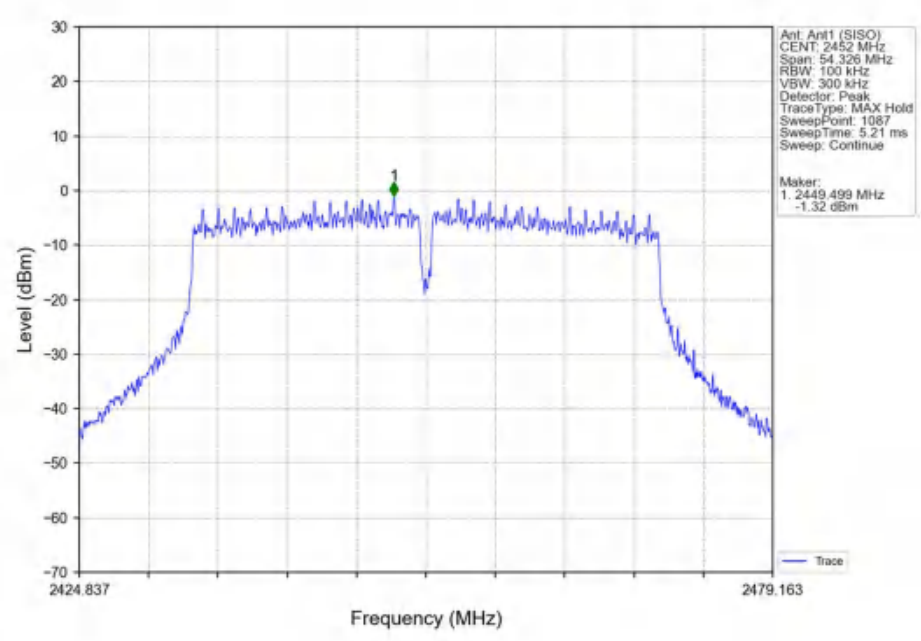
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



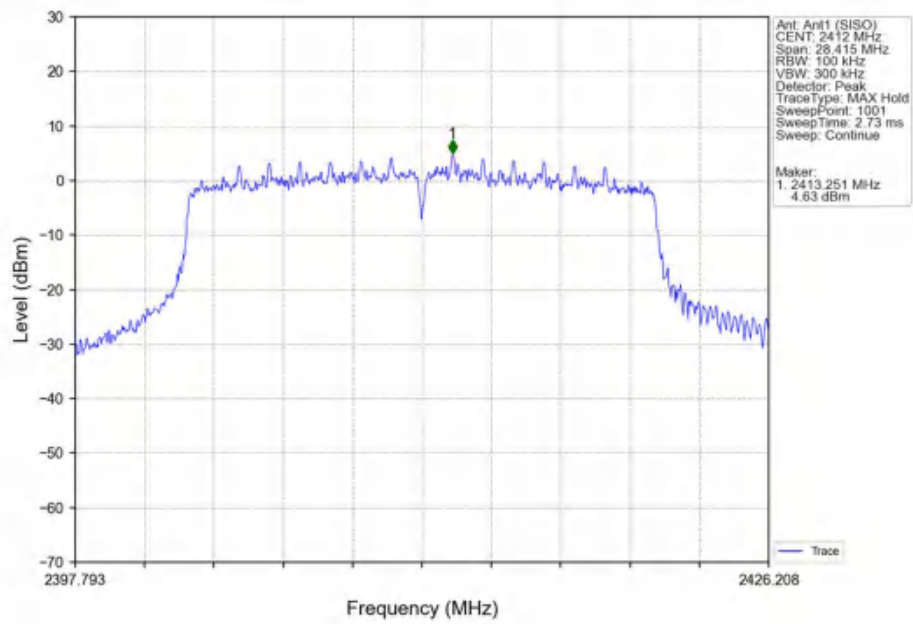
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



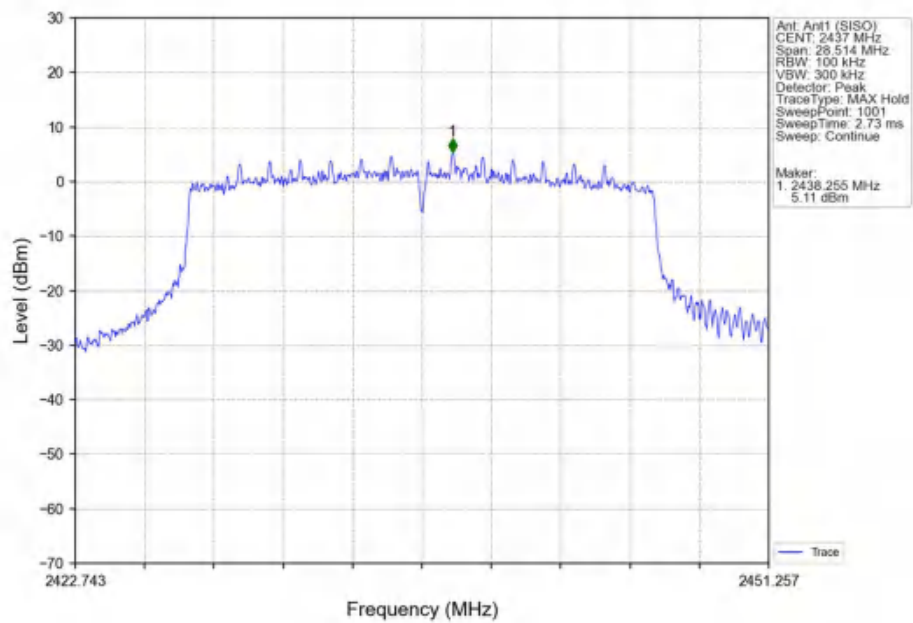
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



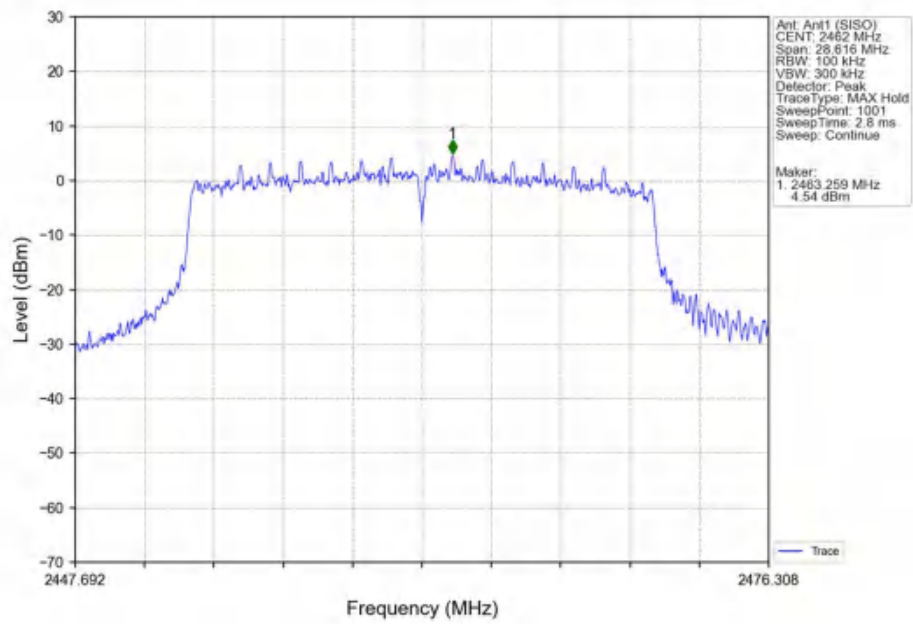
802.11ax(HEW20) LCH 2412MHz SU / Ant1 (SISO) NTN



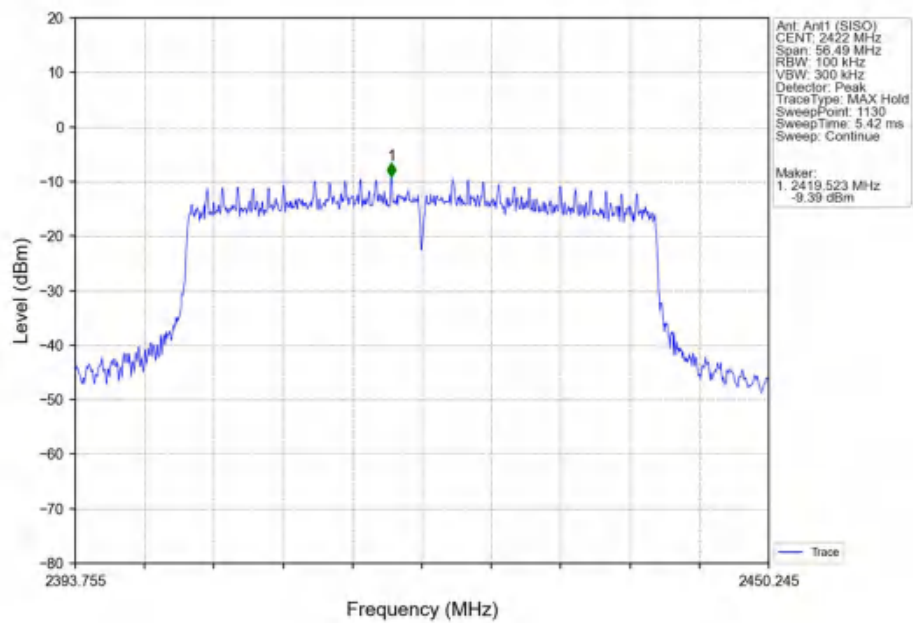
802.11ax(HEW20) MCH 2437MHz SU / Ant1 (SISO) NTN



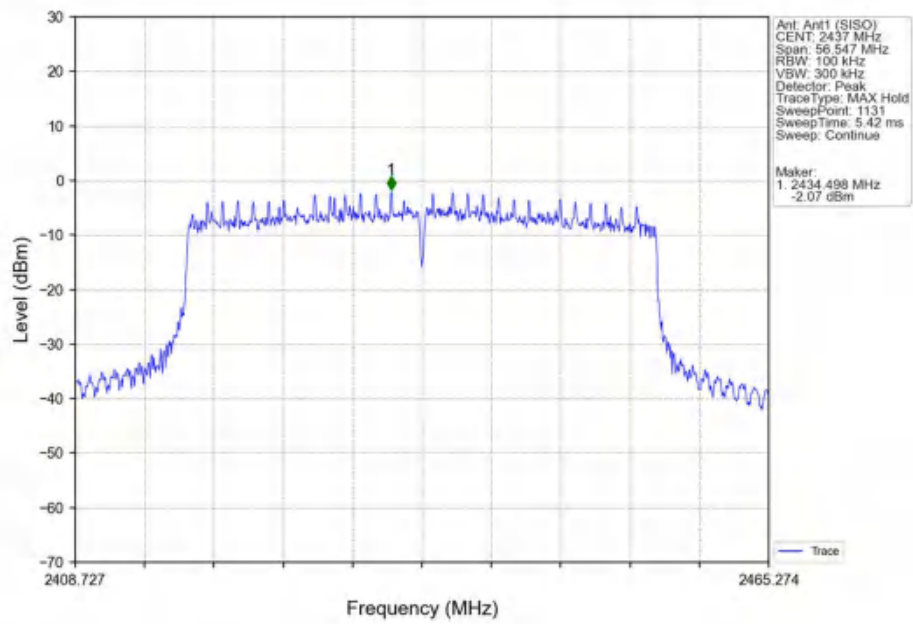
802.11ax(HEW20) HCH 2462MHz_SU / Ant1 (SISO) NTN



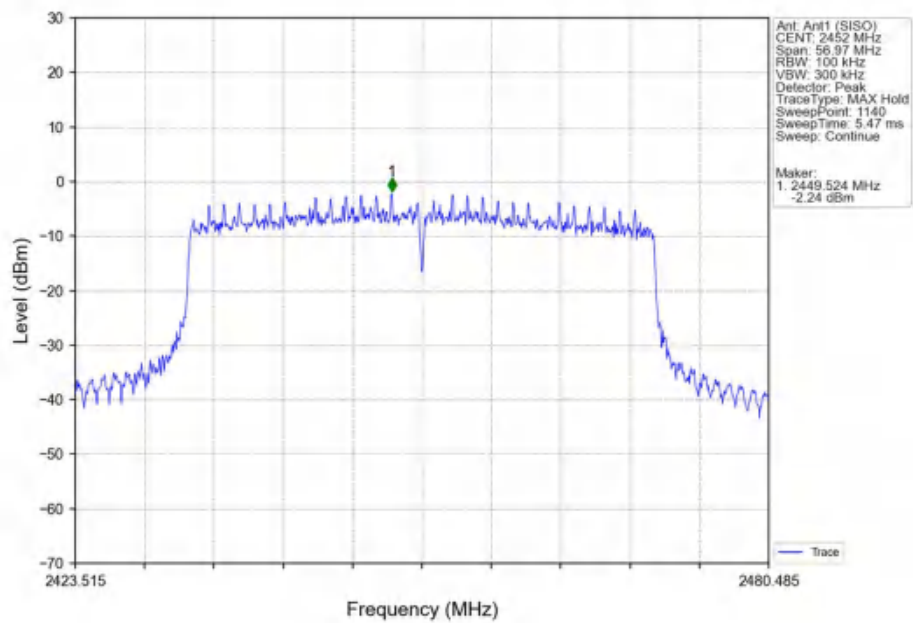
802.11ax(HEW40) LCH 2422MHz_SU / Ant1 (SISO) NTN



802.11ax(HEW40) MCH 2437MHz_SU / Ant1 (SISO) NTN

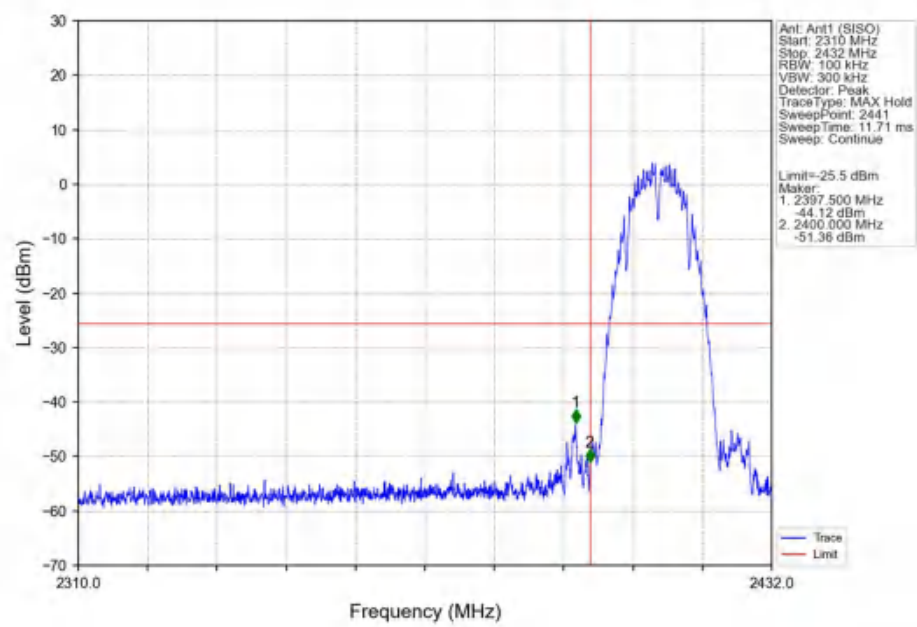


802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN

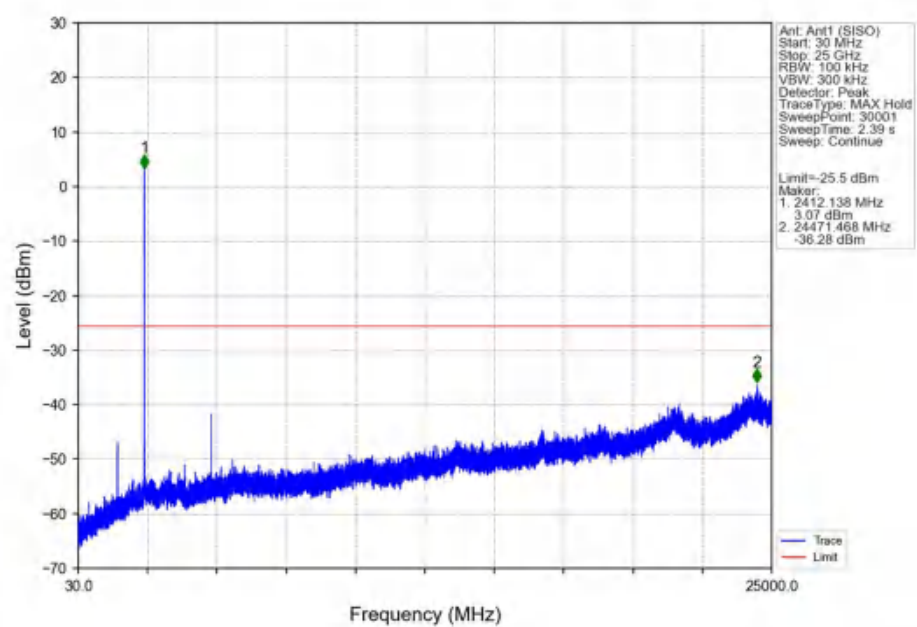


5.2.2 CSE

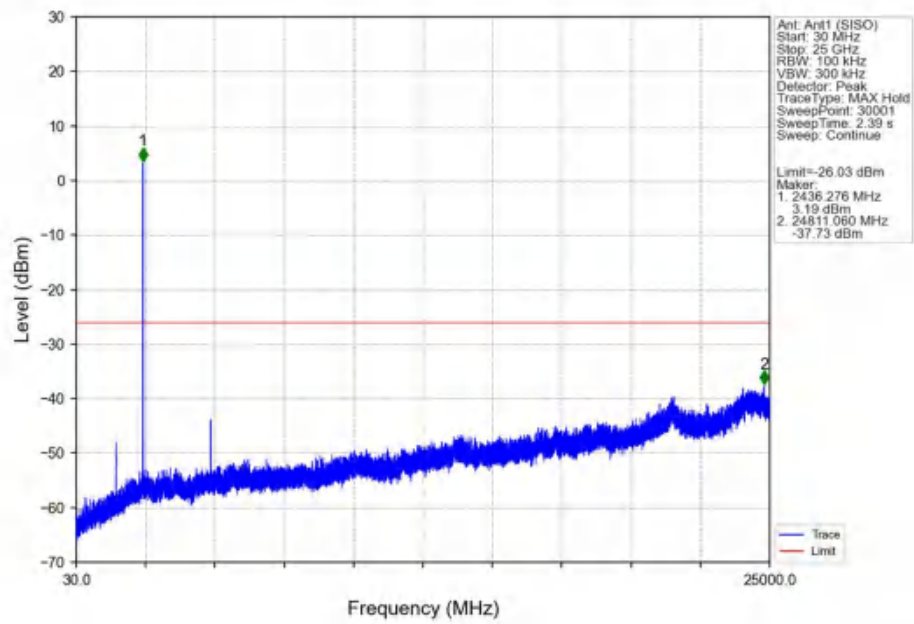
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



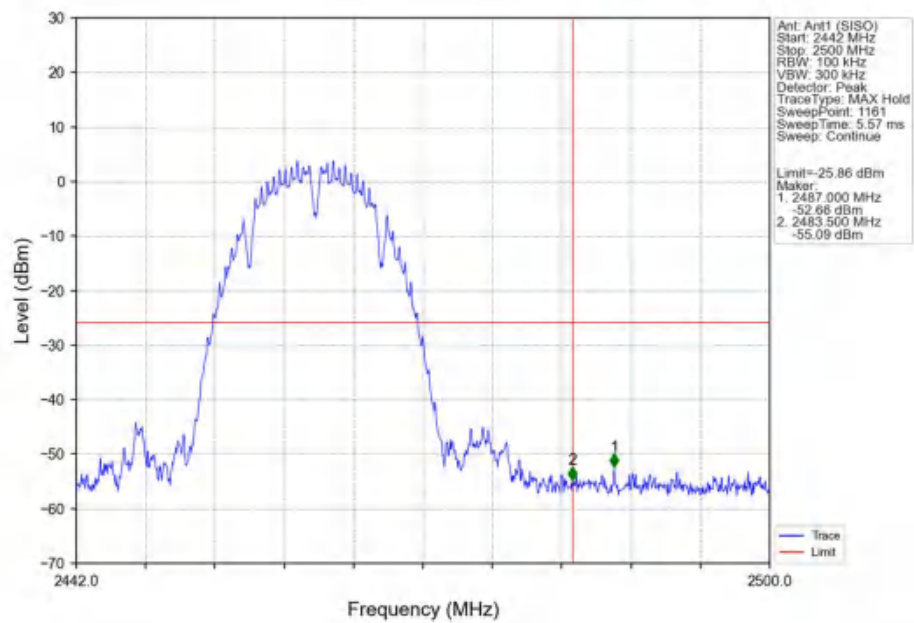
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



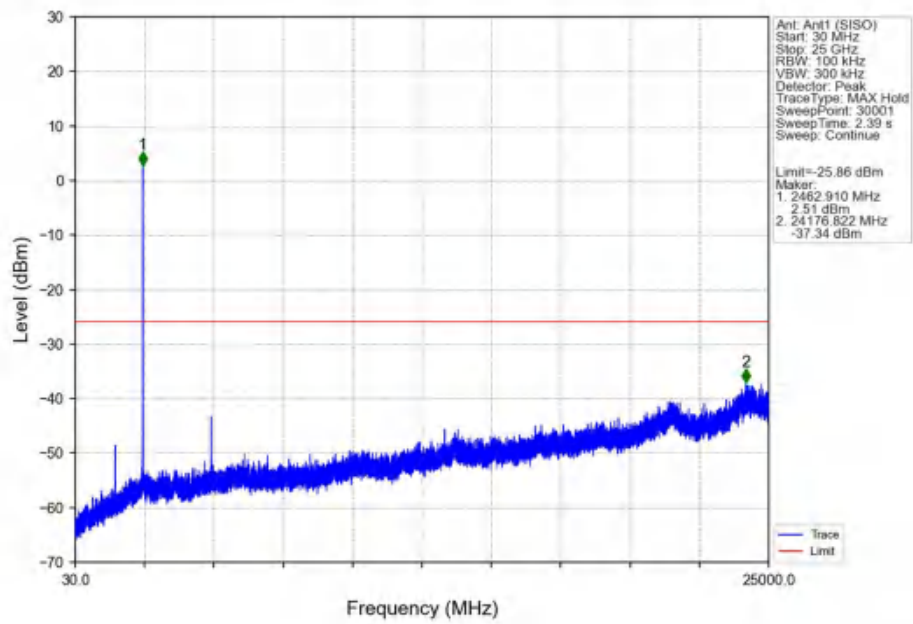
802.11b MCH 2437MHz_Ant1 (SISO) NTN



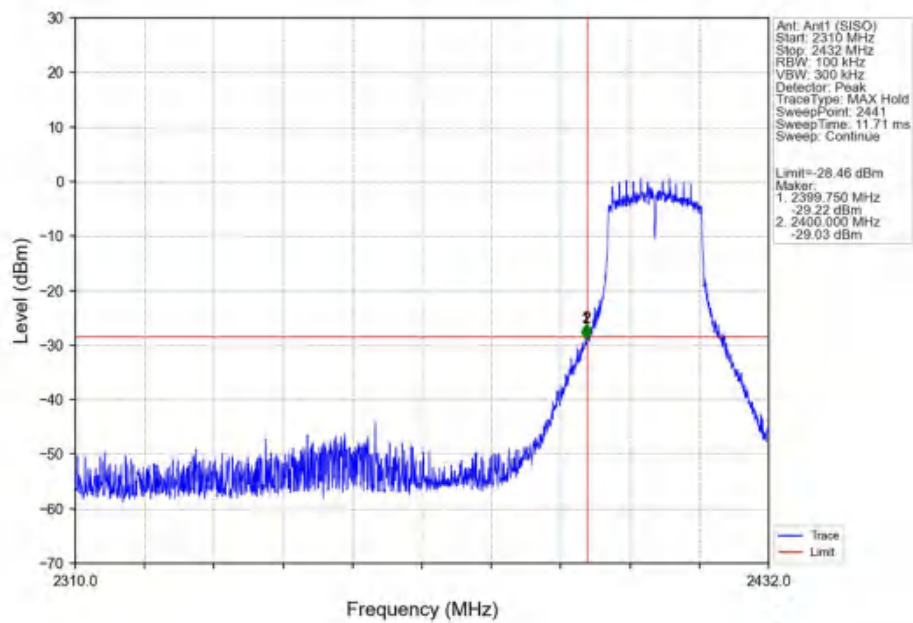
802.11b HCH 2462MHz_Ant1 (SISO) NTN



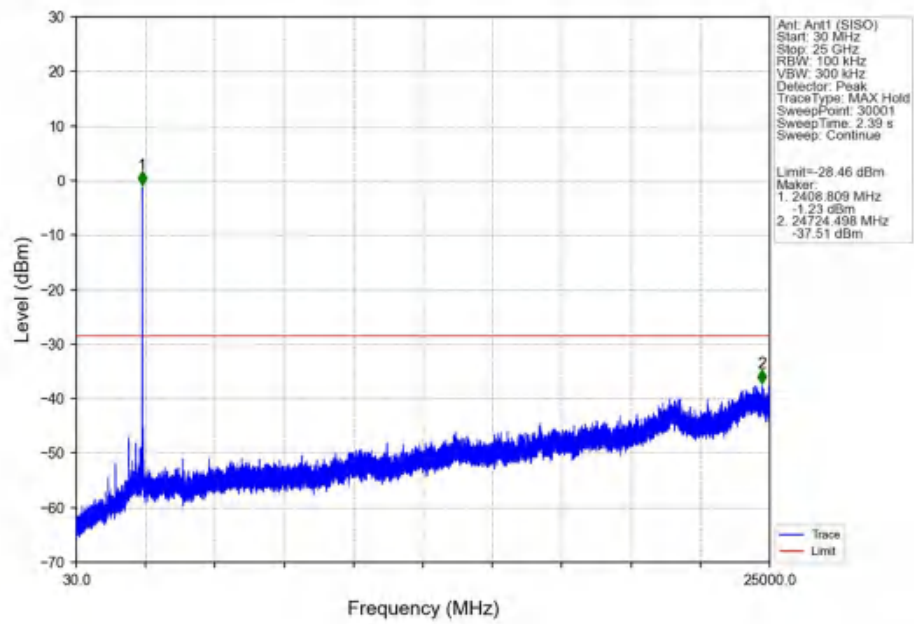
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



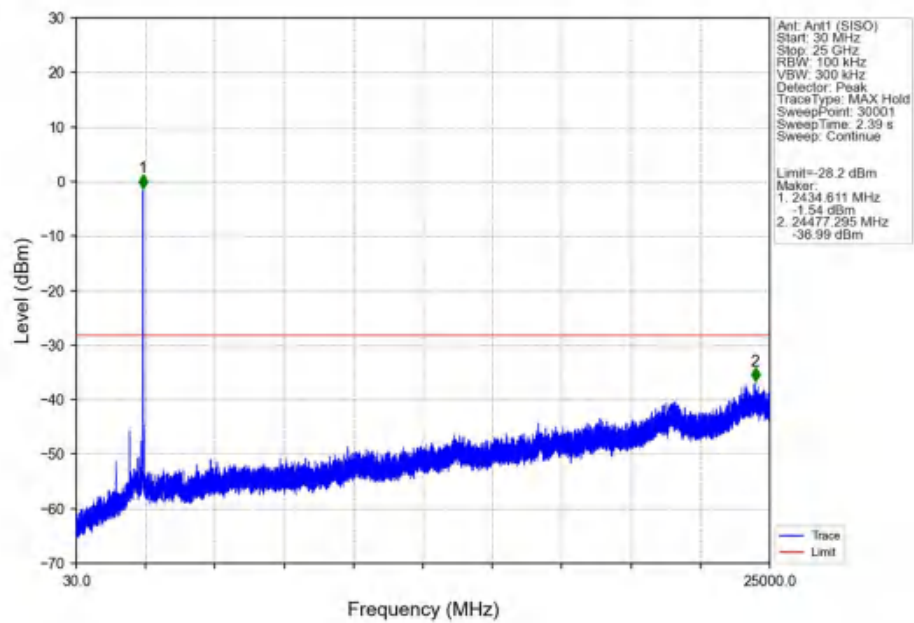
802.11g_LCH_2412MHz_Ant1 (SISO) NTN



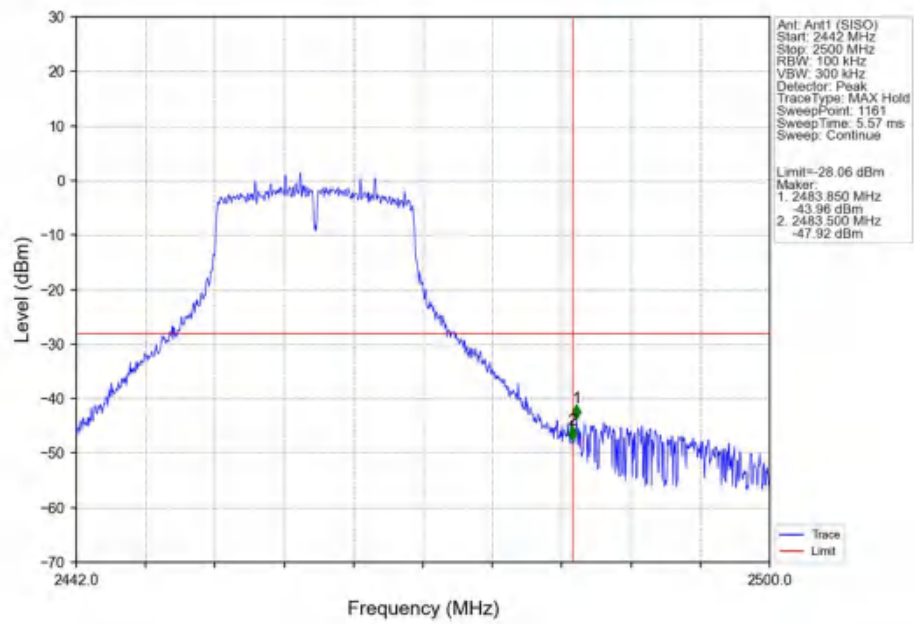
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



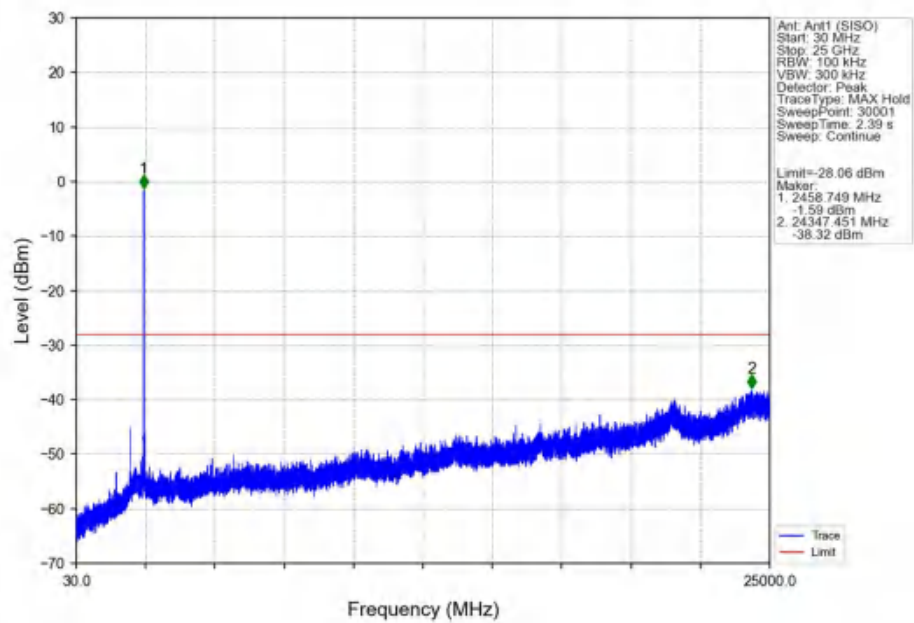
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



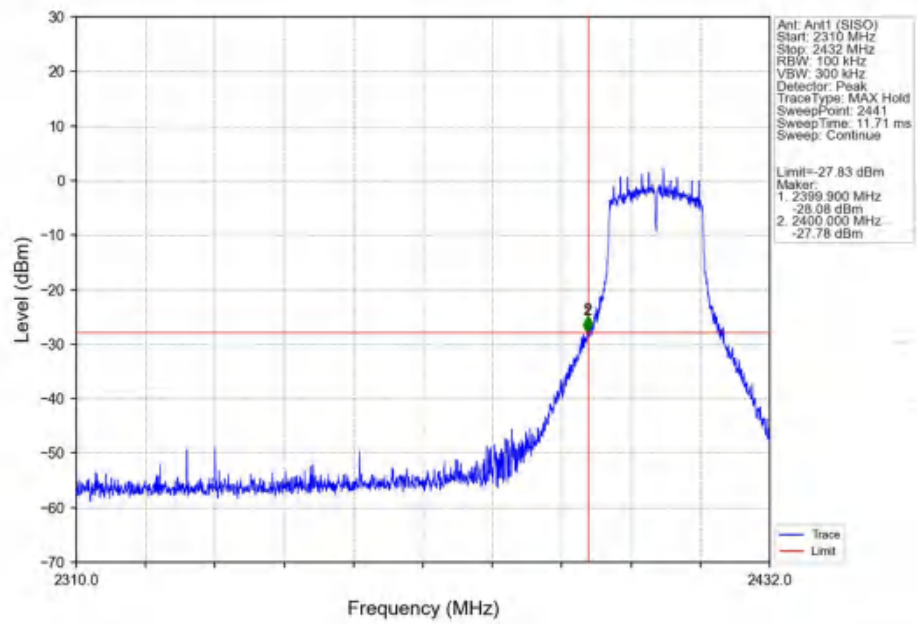
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



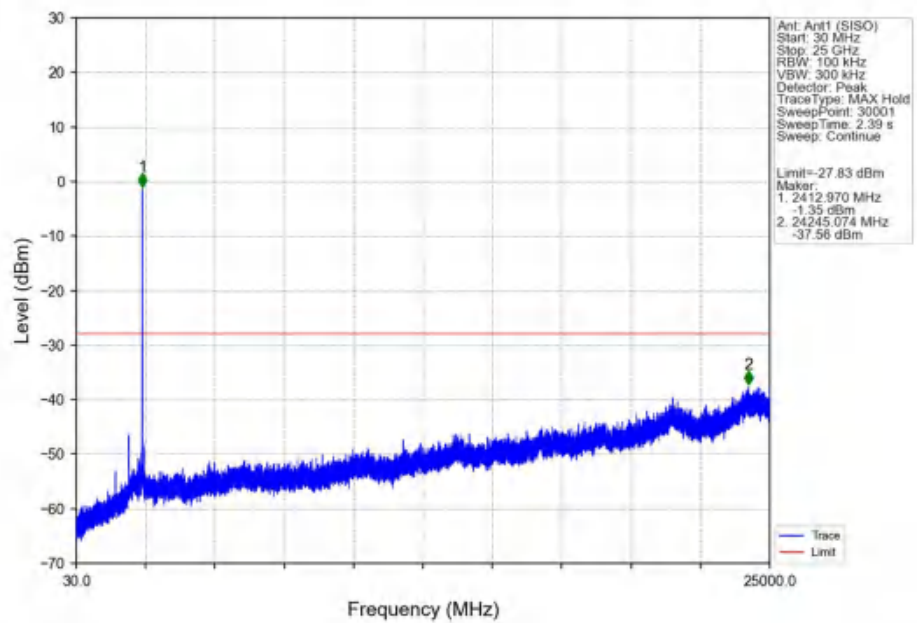
802.11g_HCH_2462MHz_Ant1 (SISO) NTN



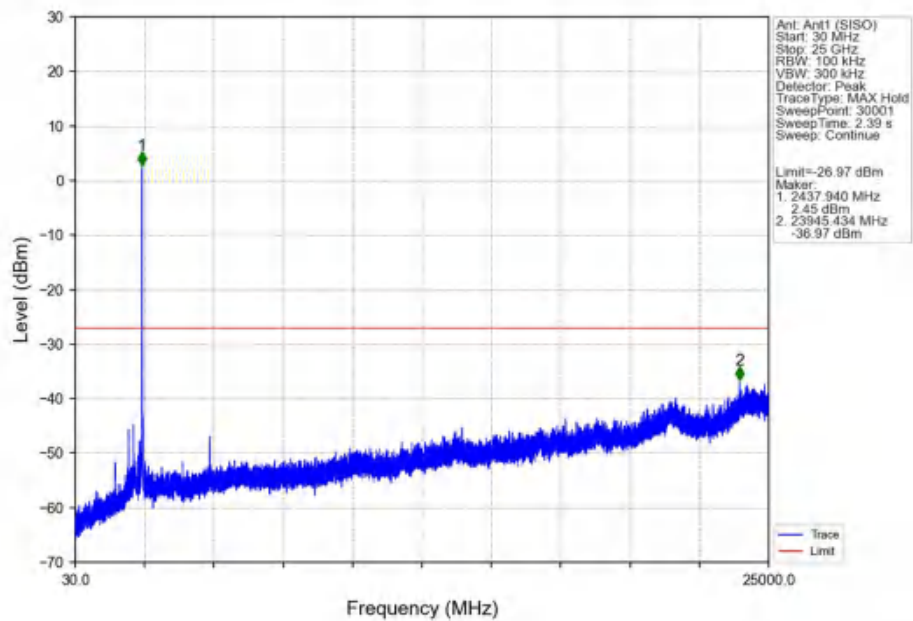
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



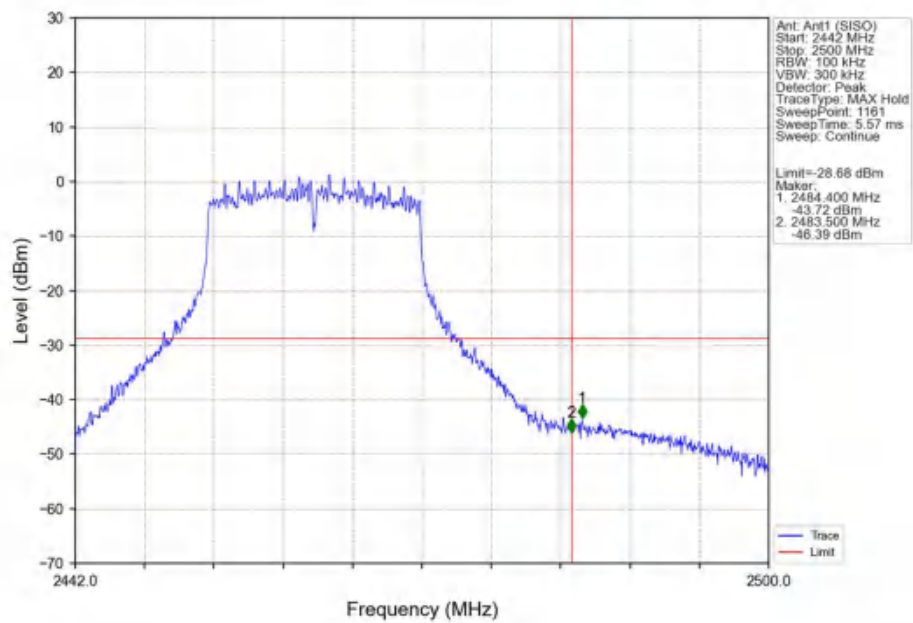
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



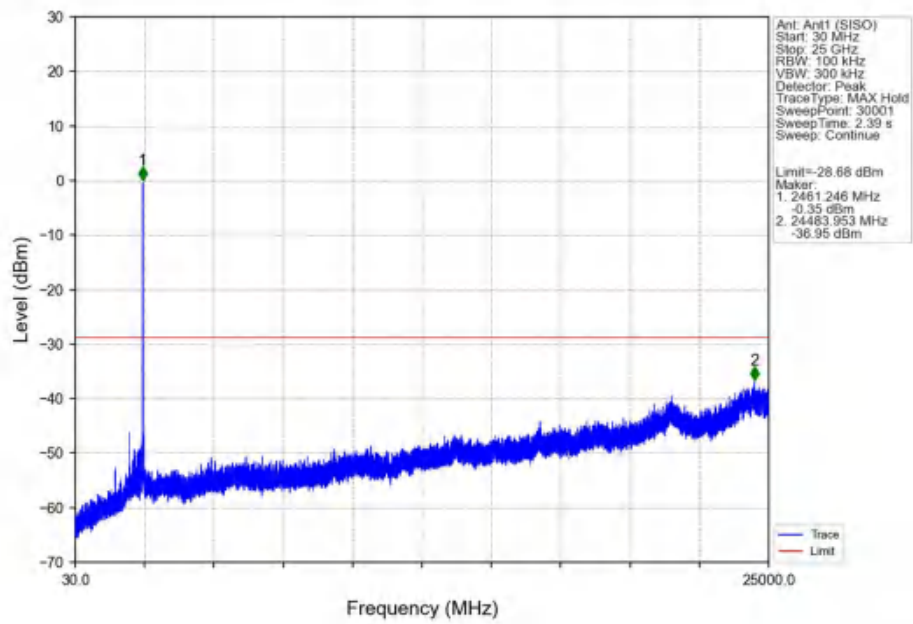
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



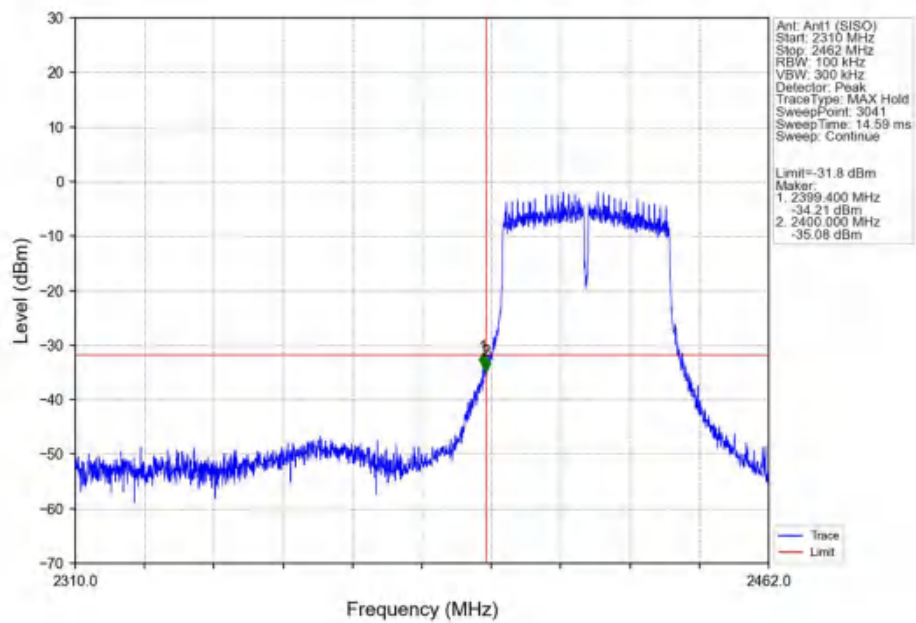
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



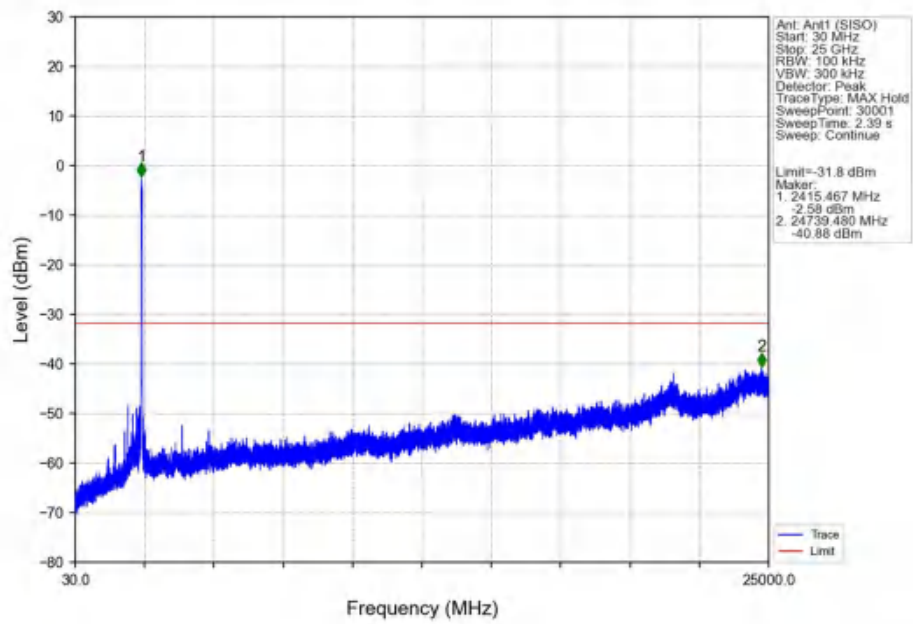
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



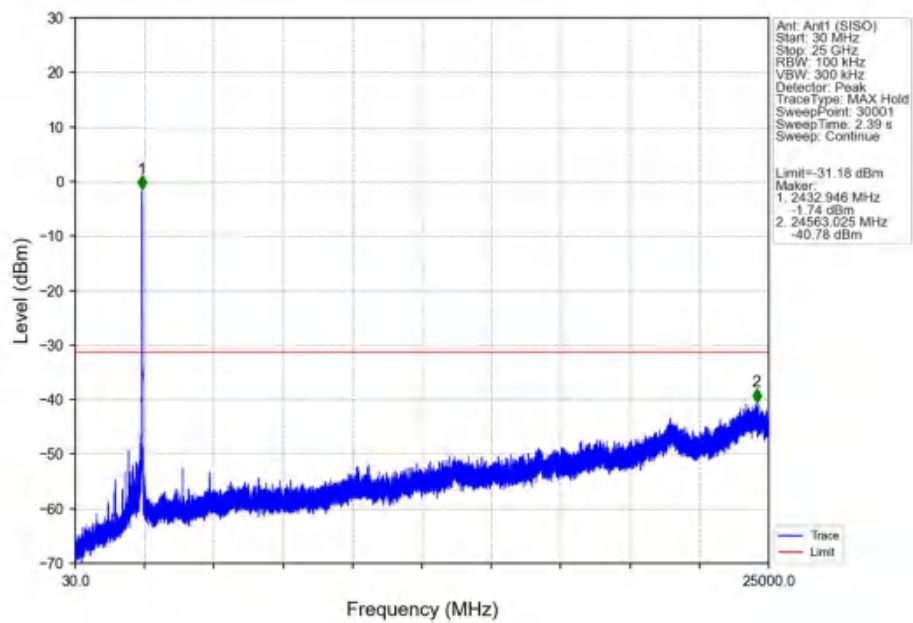
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



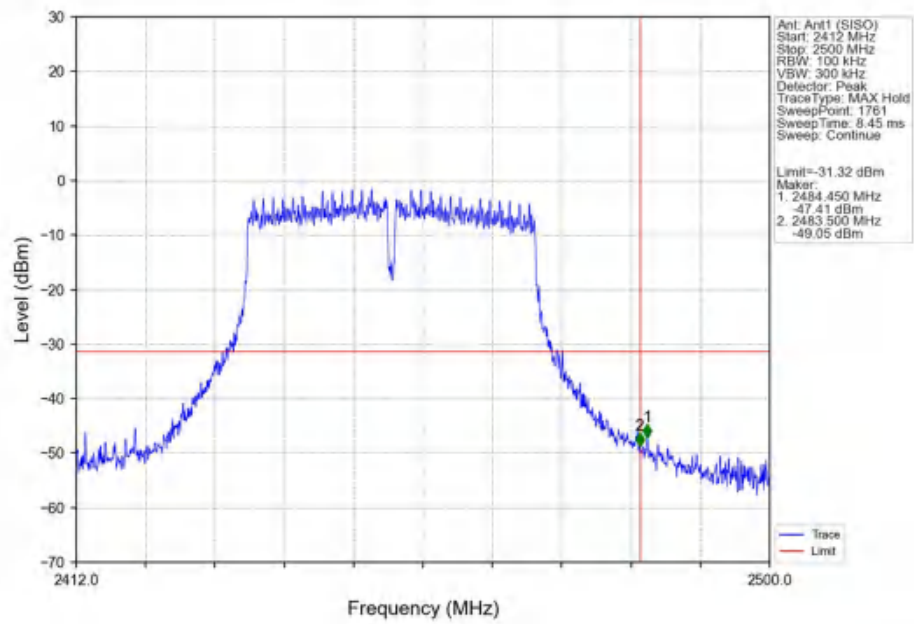
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



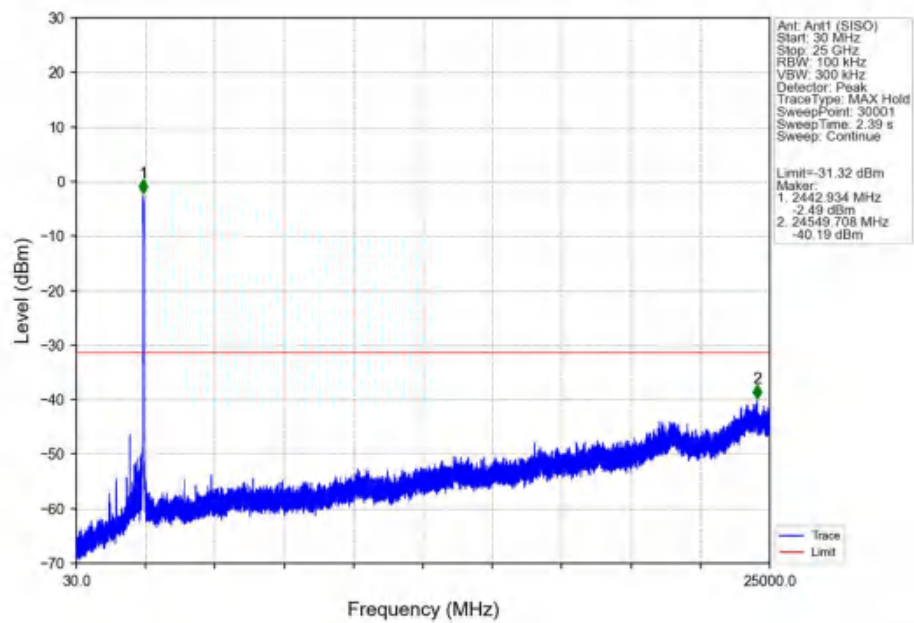
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



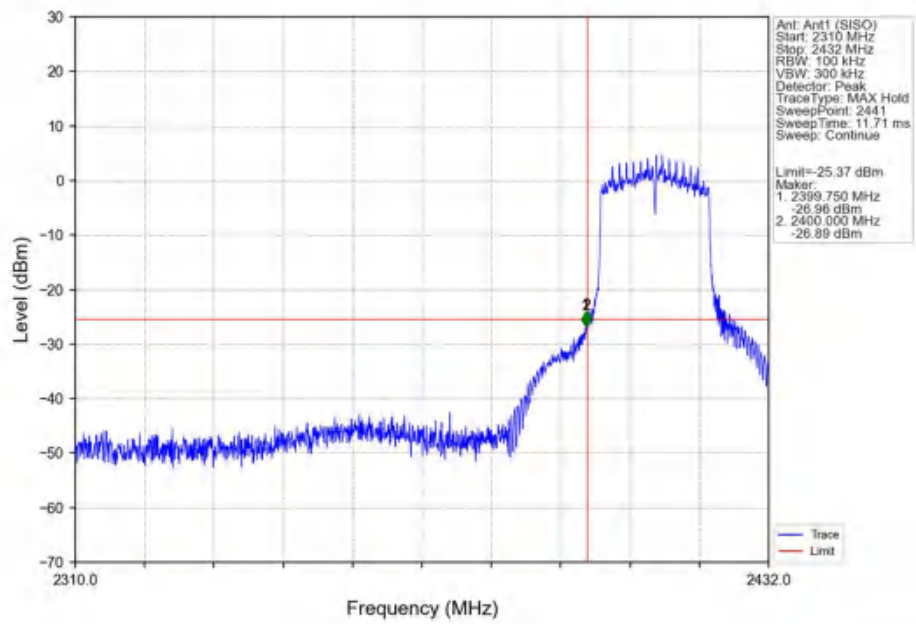
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



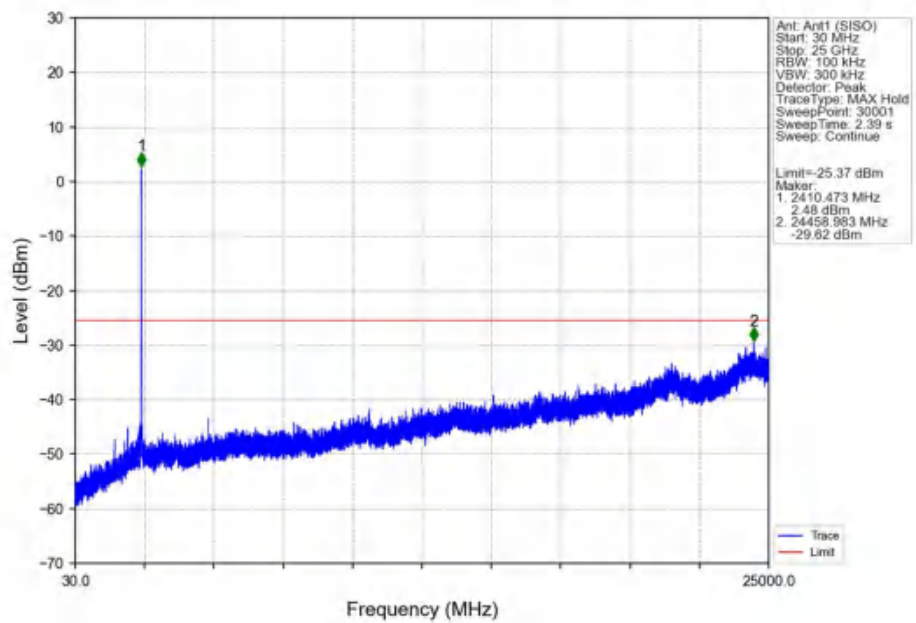
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



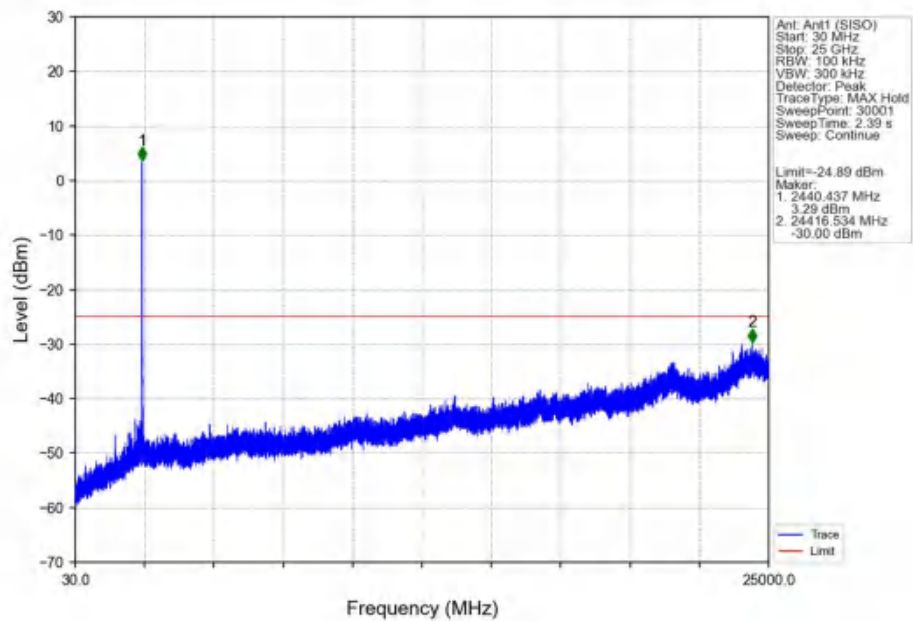
802.11ax(HEW20)_LCH_2412MHz_SU / Ant1 (SISO) NTNv



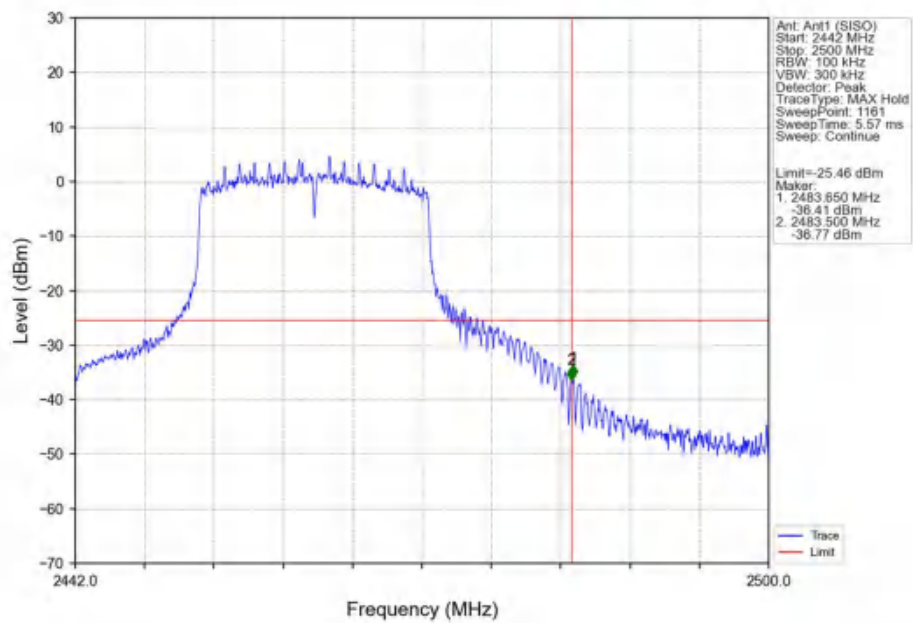
802.11ax(HEW20)_LCH_2412MHz_SU / Ant1 (SISO) NTNv



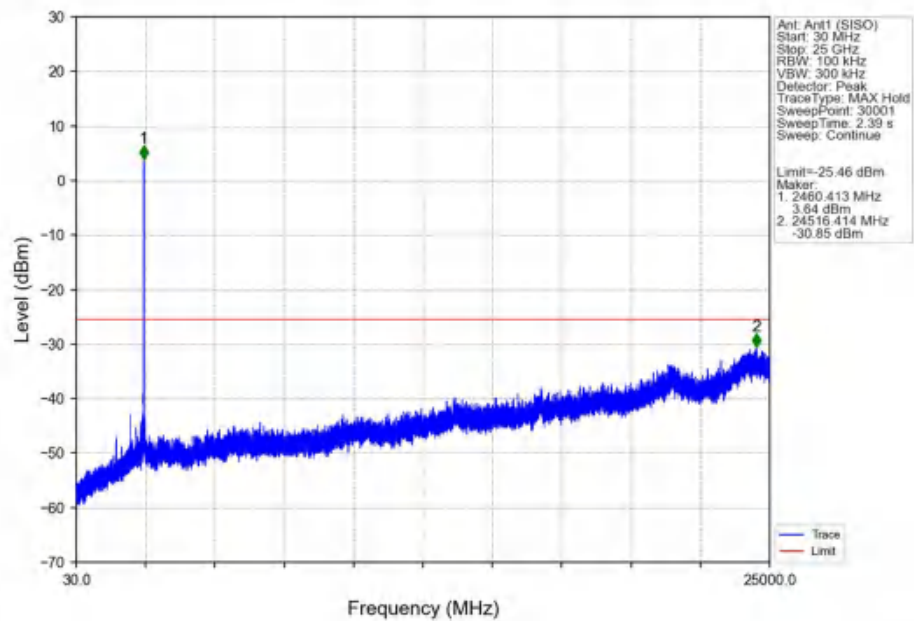
802.11ax(HEW20) MCH 2437MHz_SU / Ant1 (SISO) NTN



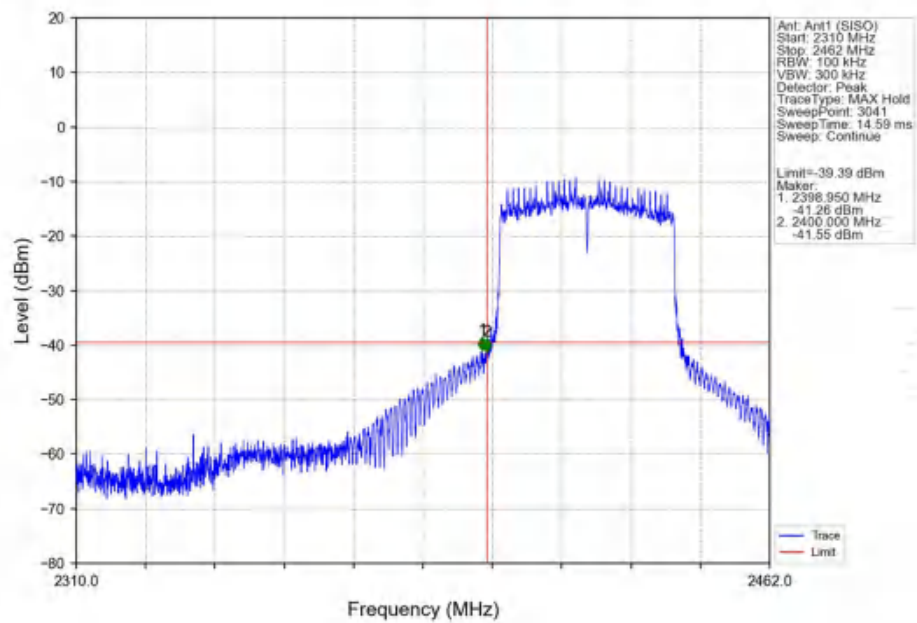
802.11ax(HEW20) HCH 2462MHz_SU / Ant1 (SISO) NTN



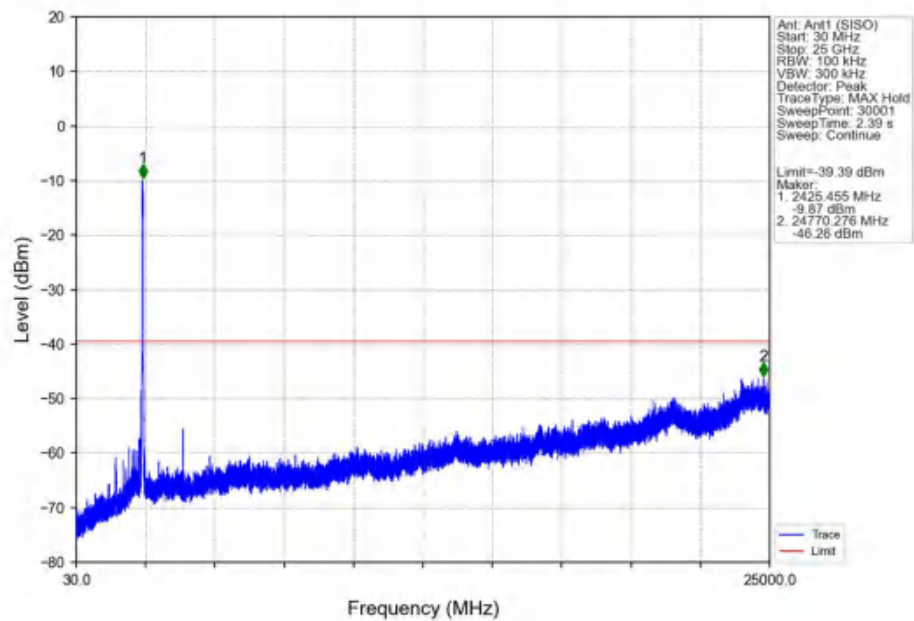
802.11ax(HEW20) HCH 2462MHz SU / Ant1 (SISO) NTN



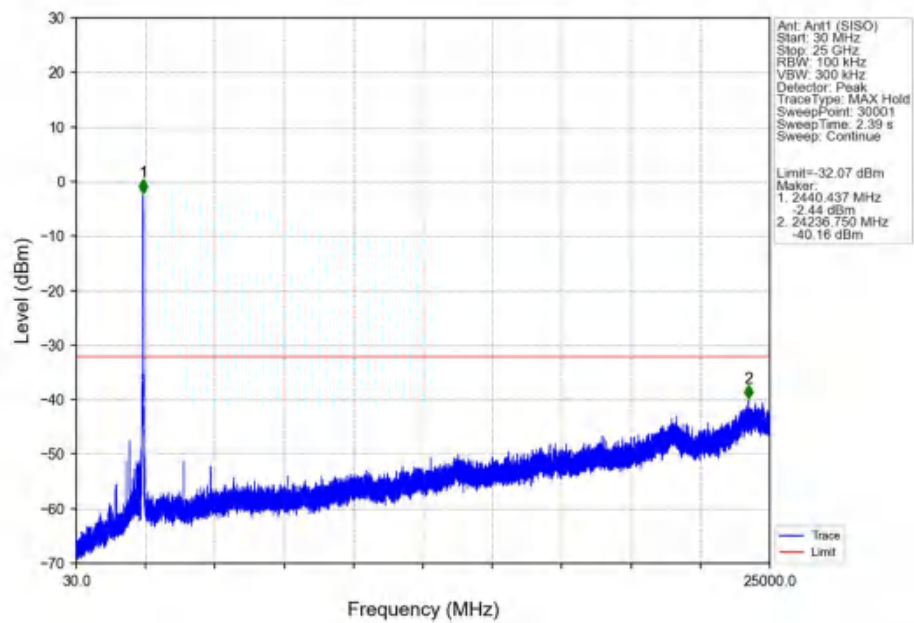
802.11ax(HEW40) LCH 2422MHz SU / Ant1 (SISO) NTN



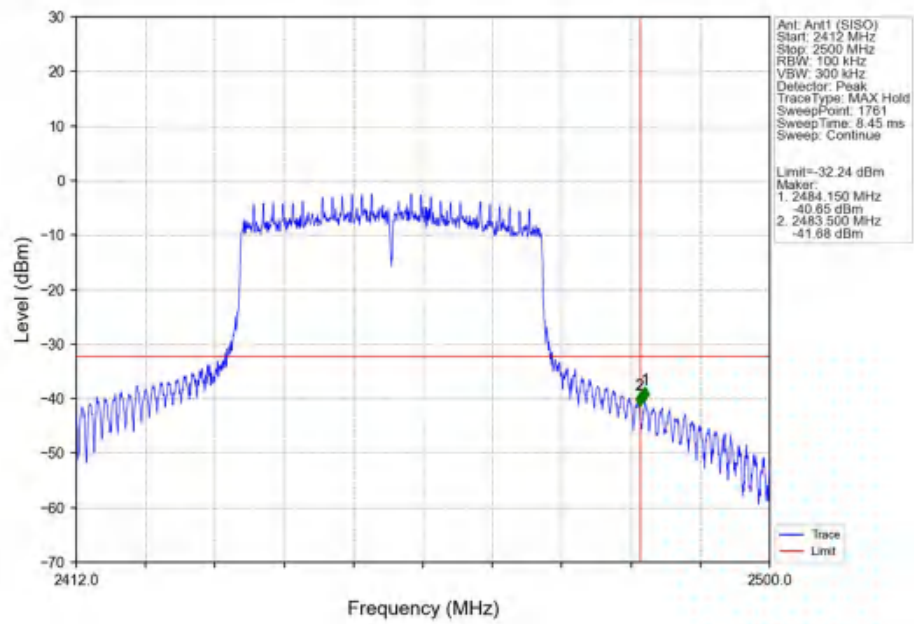
802.11ax(HEW40) LCH 2422MHz SU / Ant1 (SISO) NTN



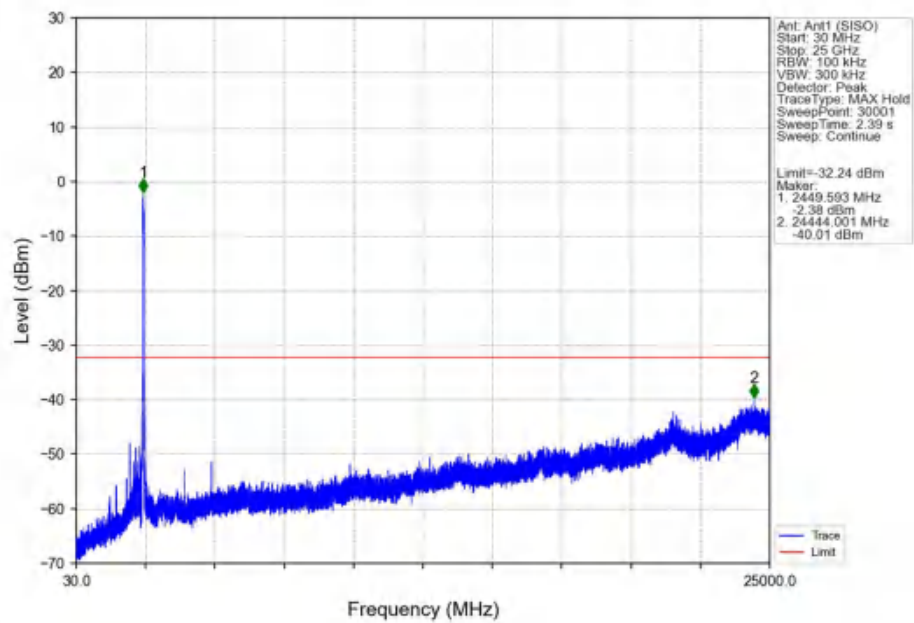
802.11ax(HEW40) MCH 2437MHz SU / Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN



802.11ax(HEW40) HCH 2452MHz_SU / Ant1 (SISO) NTN



6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2412	2462	0.0157	11.97
2422	2452	0.0148	11.71