

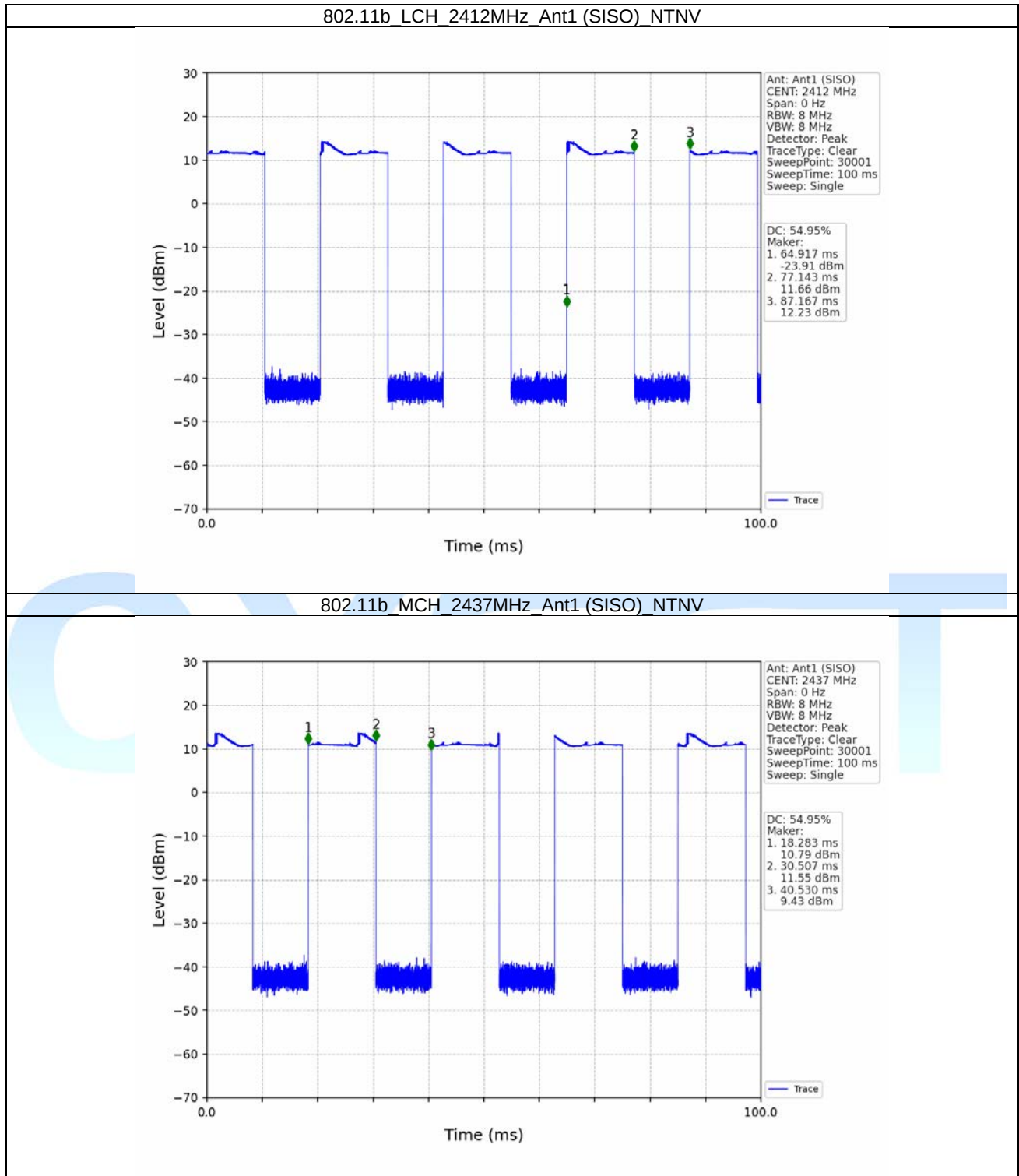
1. Duty Cycle

1.1 Ant1

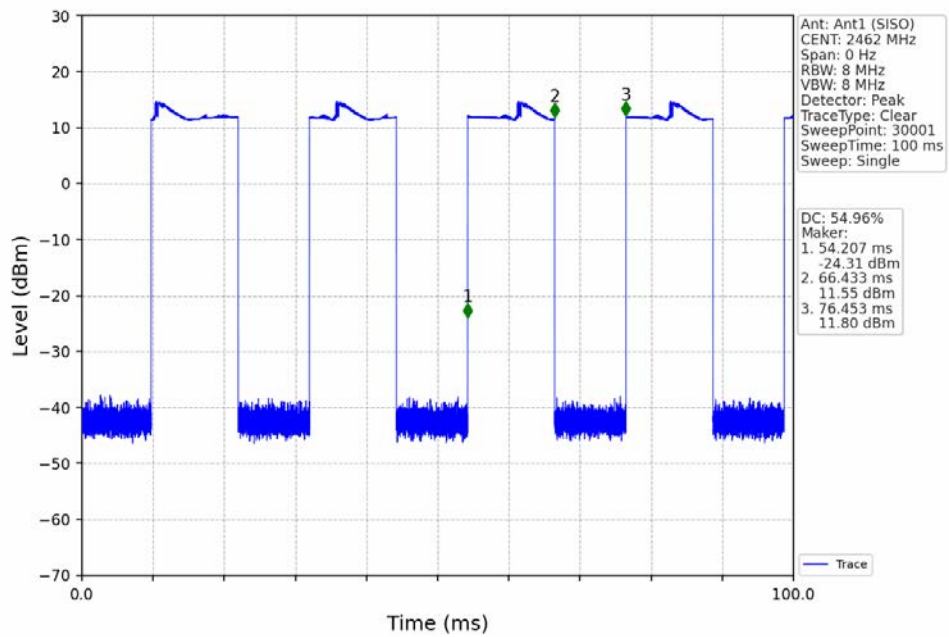
1.1.1 Test Result

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	/	/	12.226	22.250	54.95	2.60	0.02
		2437	/	/	12.224	22.247	54.95	2.60	0.01
		2462	/	/	12.226	22.246	54.96	2.60	0.02
802.11g	SISO	2412	/	/	2.033	12.060	16.86	7.73	0.03
		2437	/	/	2.033	12.063	16.85	7.73	0.03
		2462	/	/	2.034	12.057	16.87	7.73	0.03
802.11n (HT20)	SISO	2412	/	/	1.894	11.917	15.89	7.99	0.03
		2437	/	/	1.893	11.923	15.88	7.99	0.03
		2462	/	/	1.893	11.923	15.88	7.99	0.03
802.11n (HT40)	SISO	2422	/	/	0.933	12.447	7.50	11.25	1.03
		2437	/	/	0.933	10.963	8.51	10.70	0.01
		2452	/	/	0.933	10.963	8.51	10.70	0.03
802.11ax (HEW20)	SISO	2412	RU242	Left	1.463	11.490	12.73	8.95	0.01
		2437	RU242	Left	1.463	11.490	12.73	8.95	0.03
		2462	RU242	Left	1.463	11.493	12.73	8.95	0.03
802.11ax (HEW40)	SISO	2422	RU484	Left	0.764	10.947	6.98	11.56	0.11
		2437	RU484	Left	0.763	10.793	7.07	11.51	0.03
		2452	RU484	Left	0.763	10.790	7.07	11.50	0.03

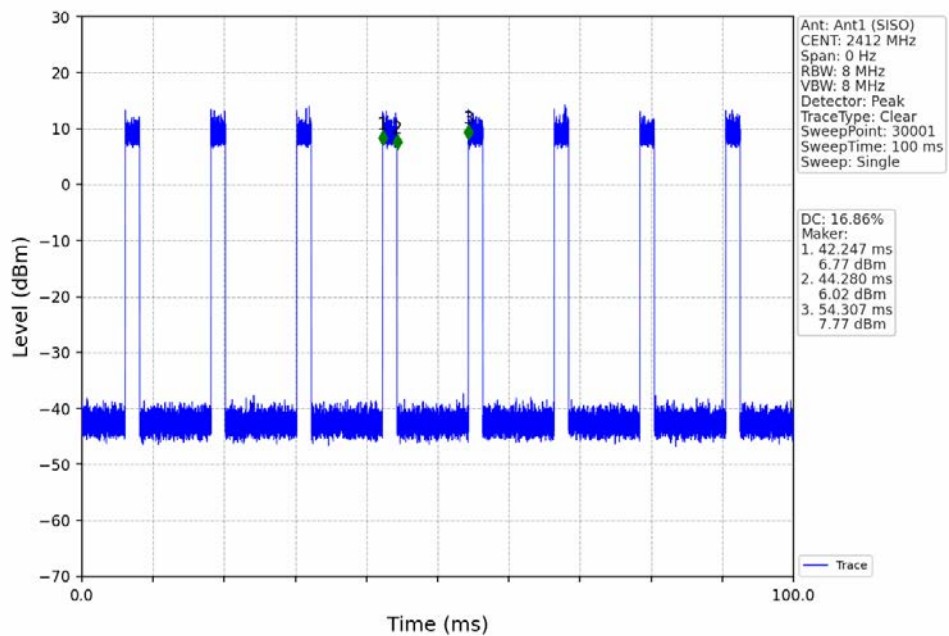
1.1.2 Test Graph



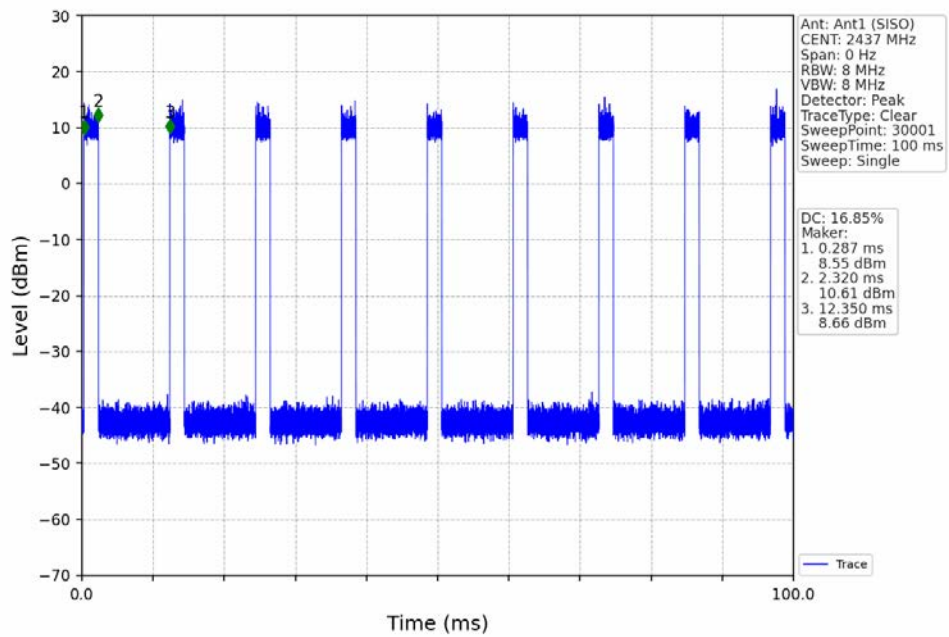
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



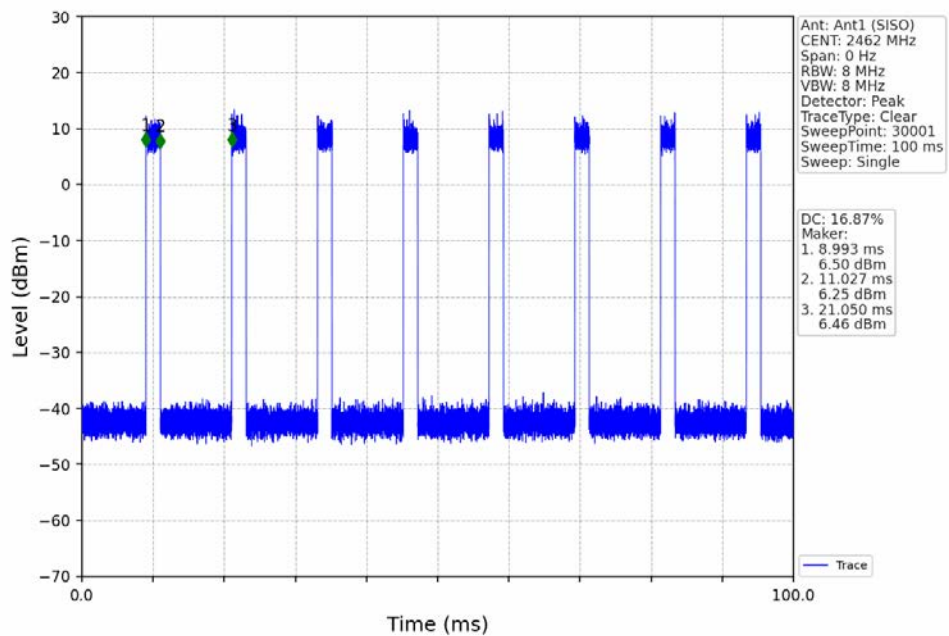
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



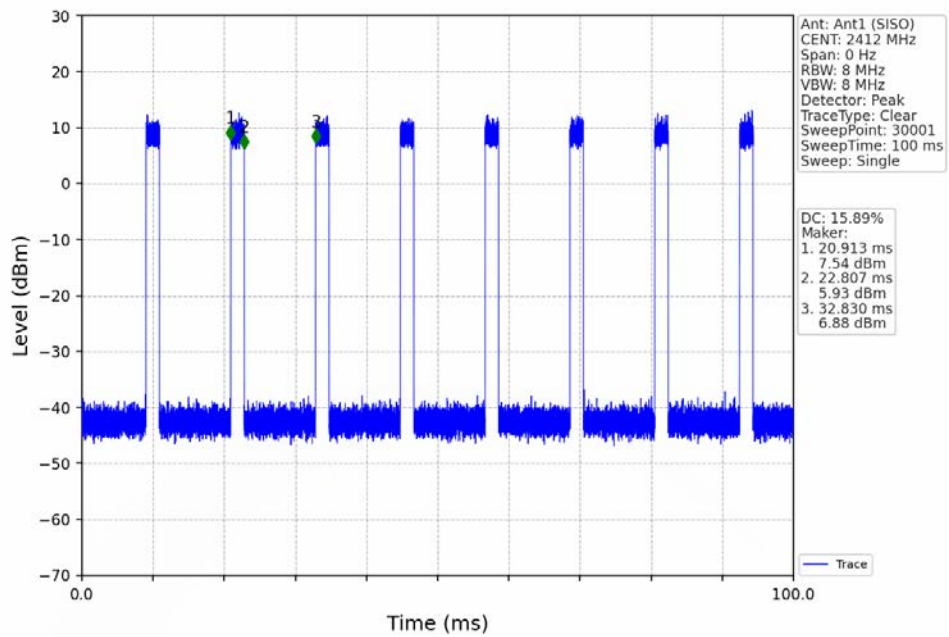
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



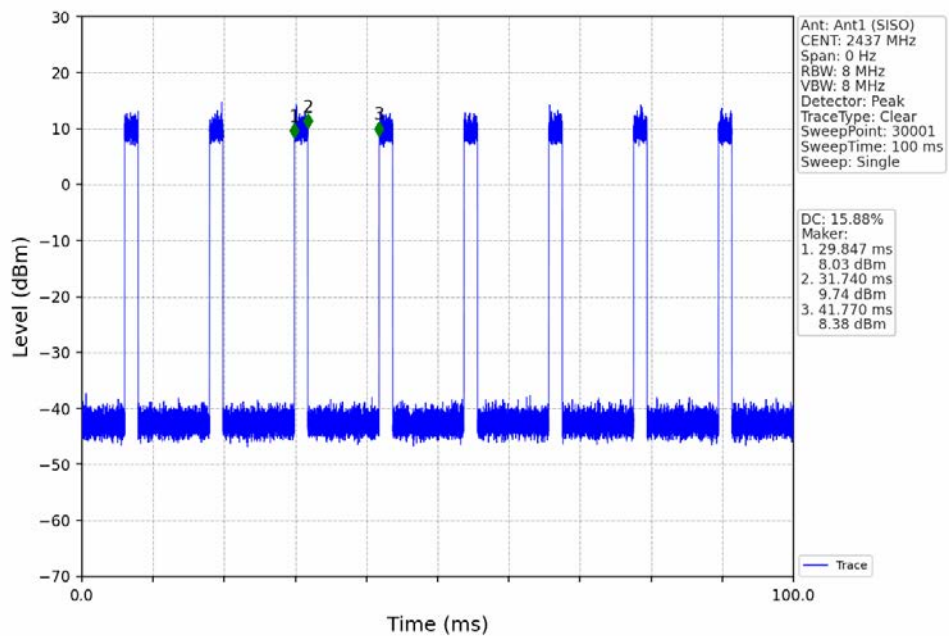
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



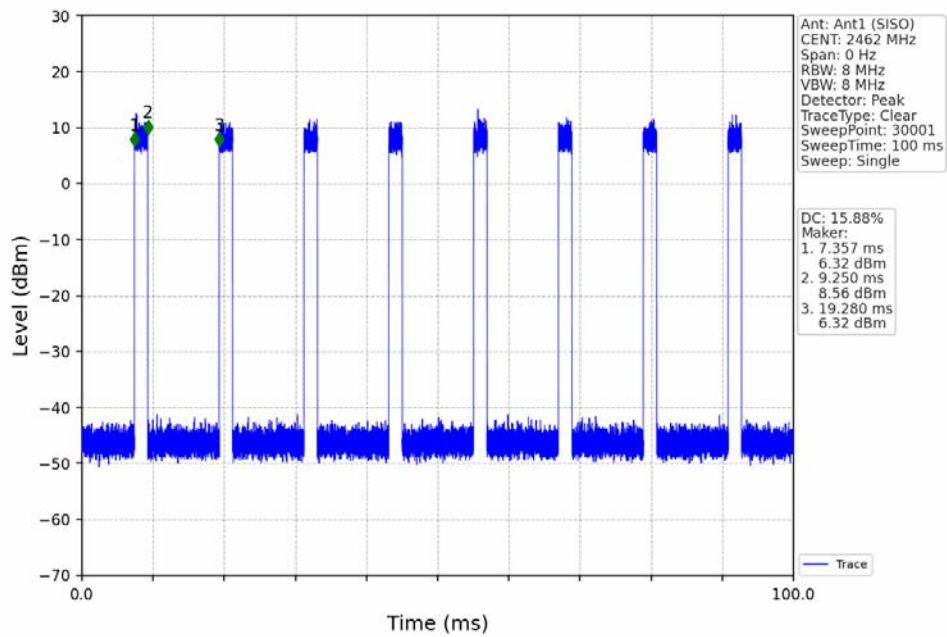
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



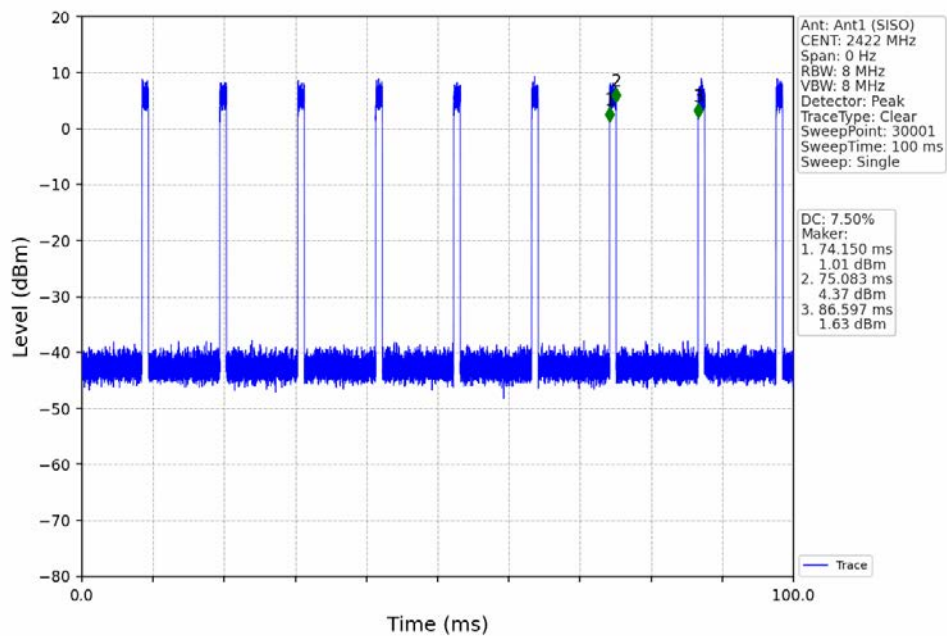
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



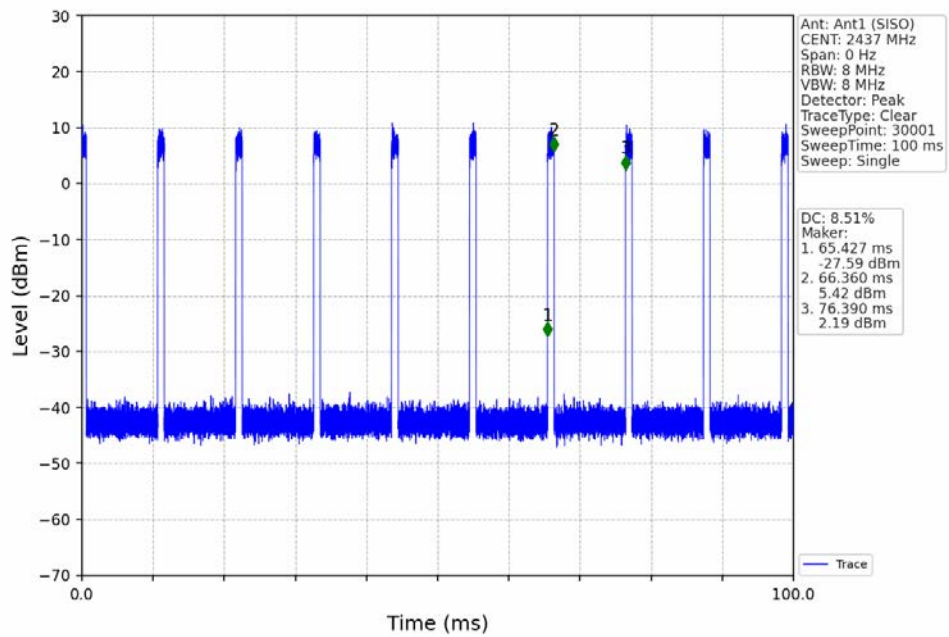
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



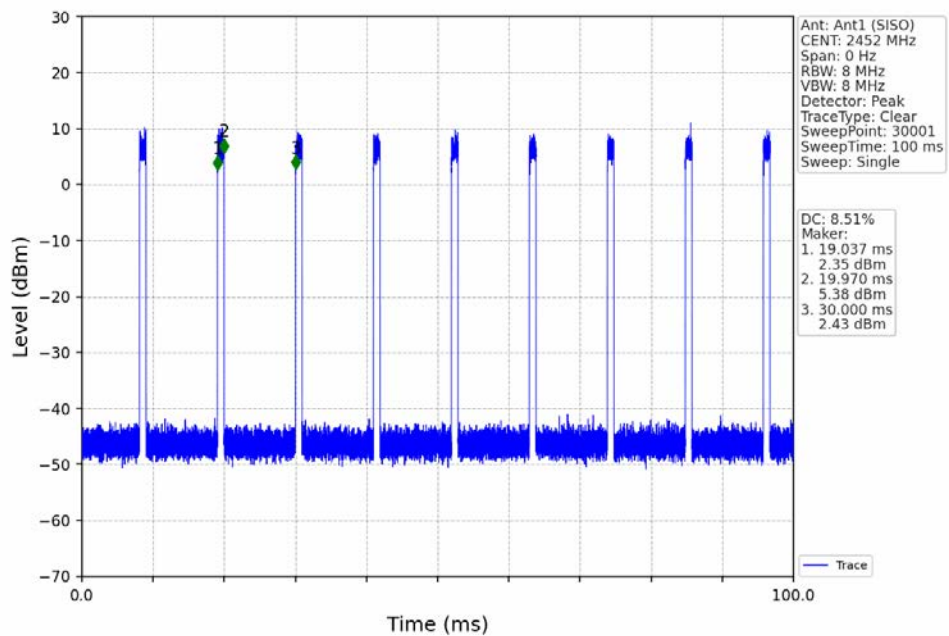
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



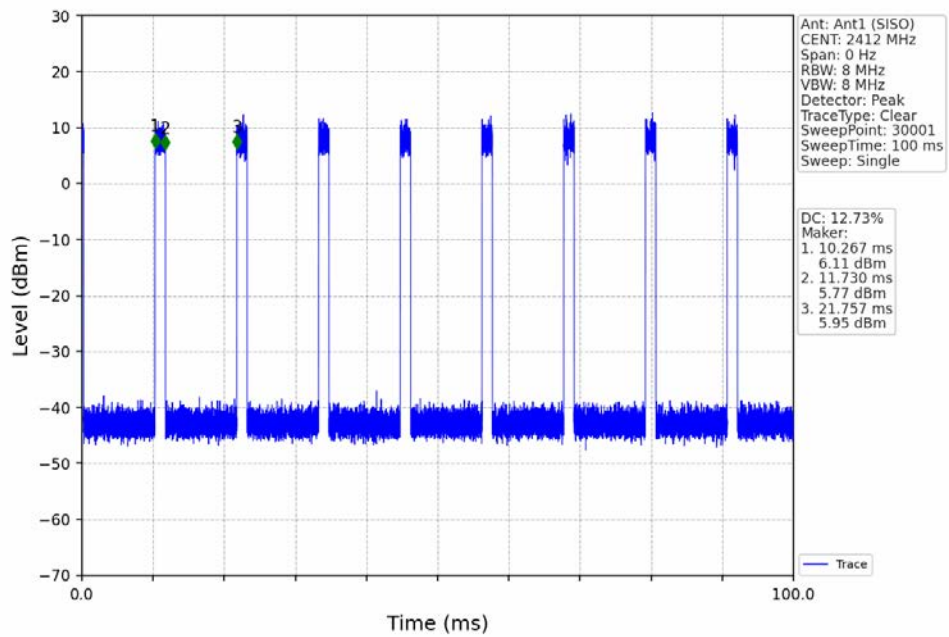
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



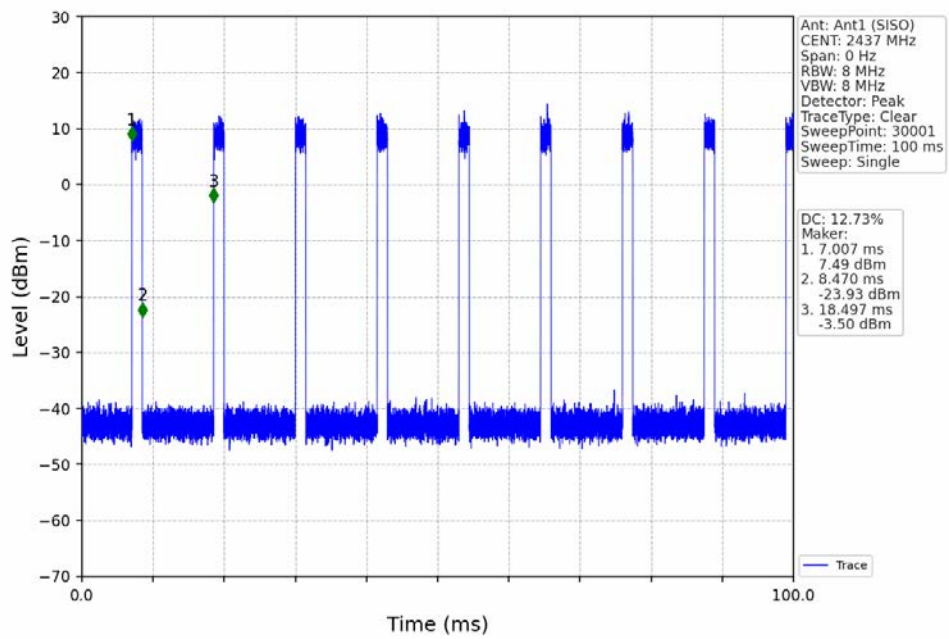
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



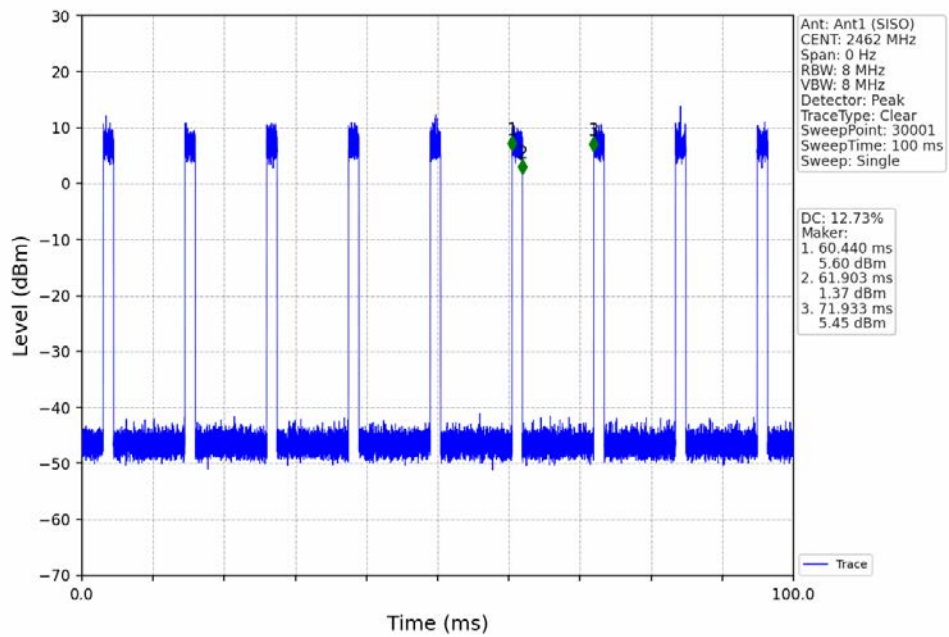
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV



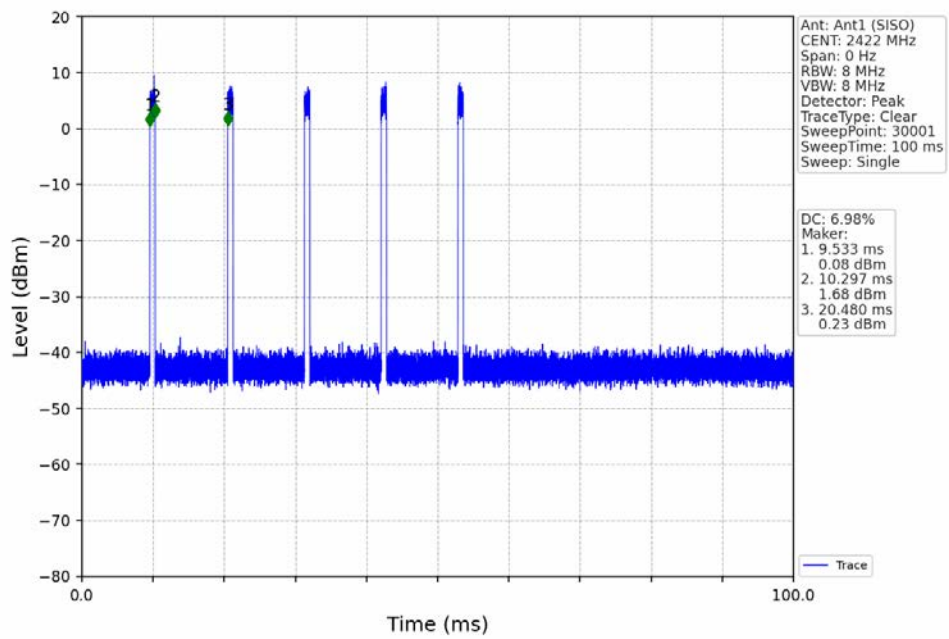
802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV



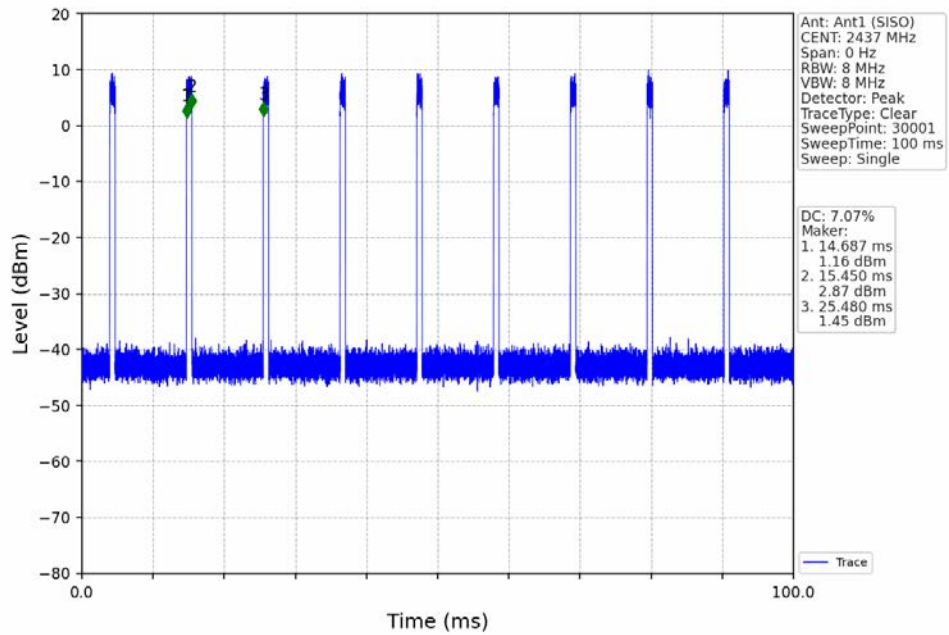
802.11ax(HEW20)_HCH_2462MHz_RU242_Left_Ant1 (SISO)_NTNV



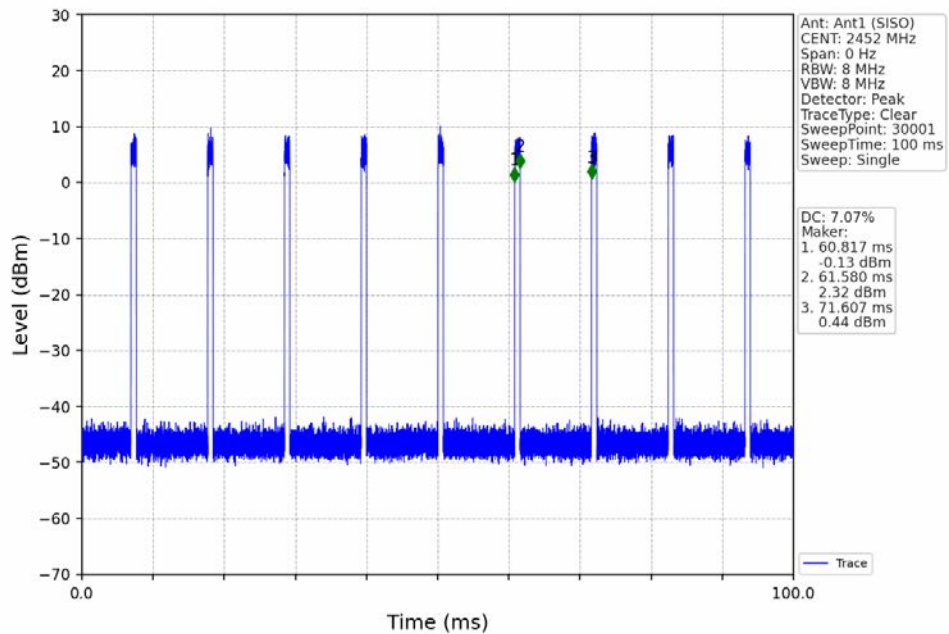
802.11ax(HEW40)_LCH_2422MHz_RU484_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (SISO)_NTNV



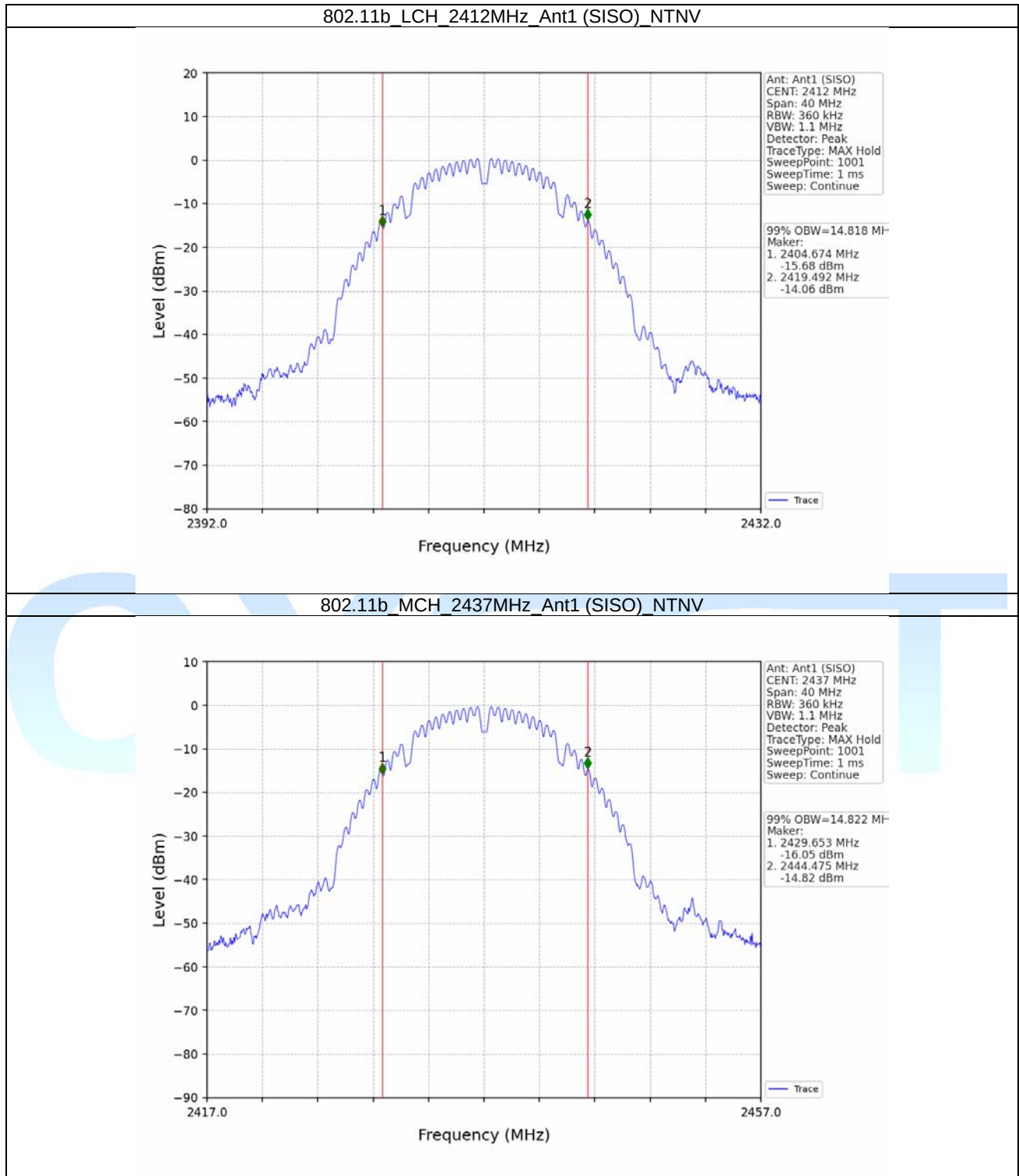
2. Bandwidth

2.1 OBW

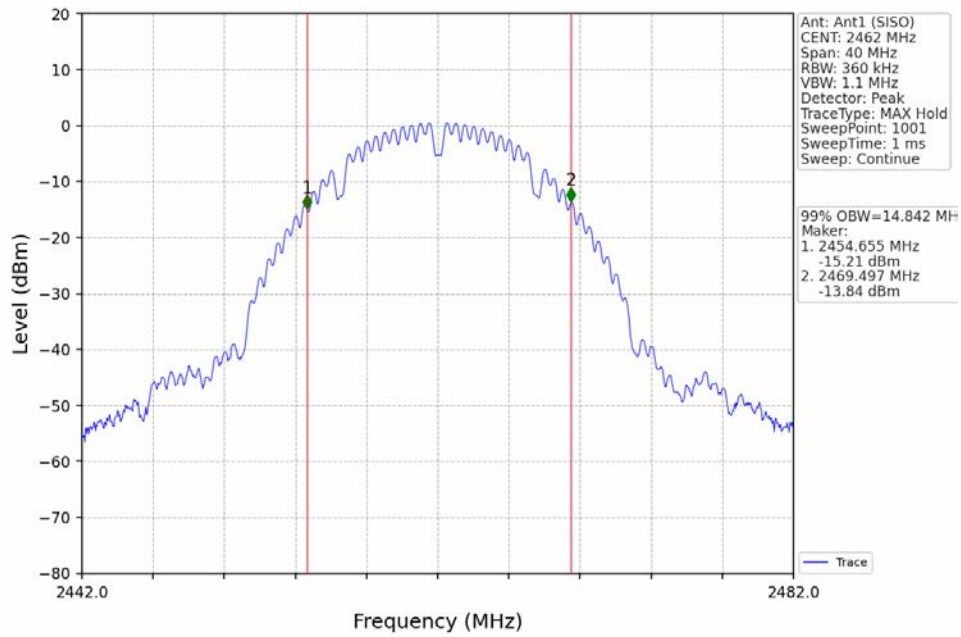
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	14.818	/	Pass
		2437	/	/	1	14.822	/	Pass
		2462	/	/	1	14.842	/	Pass
802.11g	SISO	2412	/	/	1	18.207	/	Pass
		2437	/	/	1	18.367	/	Pass
		2462	/	/	1	18.435	/	Pass
802.11n (HT20)	SISO	2412	/	/	1	19.301	/	Pass
		2437	/	/	1	19.135	/	Pass
		2462	/	/	1	19.388	/	Pass
802.11n (HT40)	SISO	2422	/	/	1	37.331	/	Pass
		2437	/	/	1	37.410	/	Pass
		2452	/	/	1	37.323	/	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	1	19.715	/	Pass
		2437	RU242	Left	1	19.693	/	Pass
		2462	RU242	Left	1	19.791	/	Pass
802.11ax (HEW40)	SISO	2422	RU484	Left	1	38.343	/	Pass
		2437	RU484	Left	1	38.415	/	Pass
		2452	RU484	Left	1	38.438	/	Pass

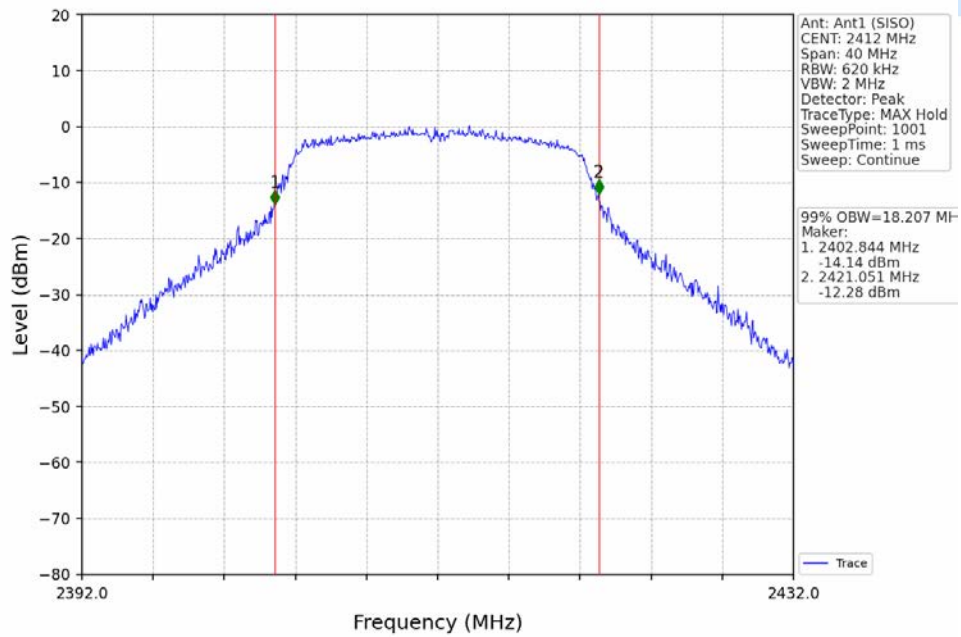
2.1.2 Test Graph



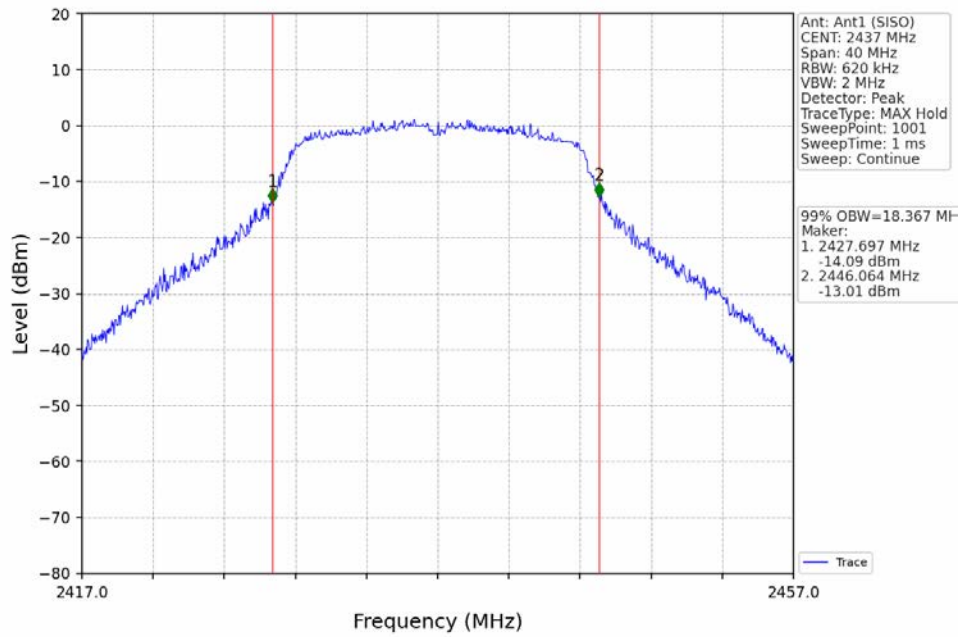
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



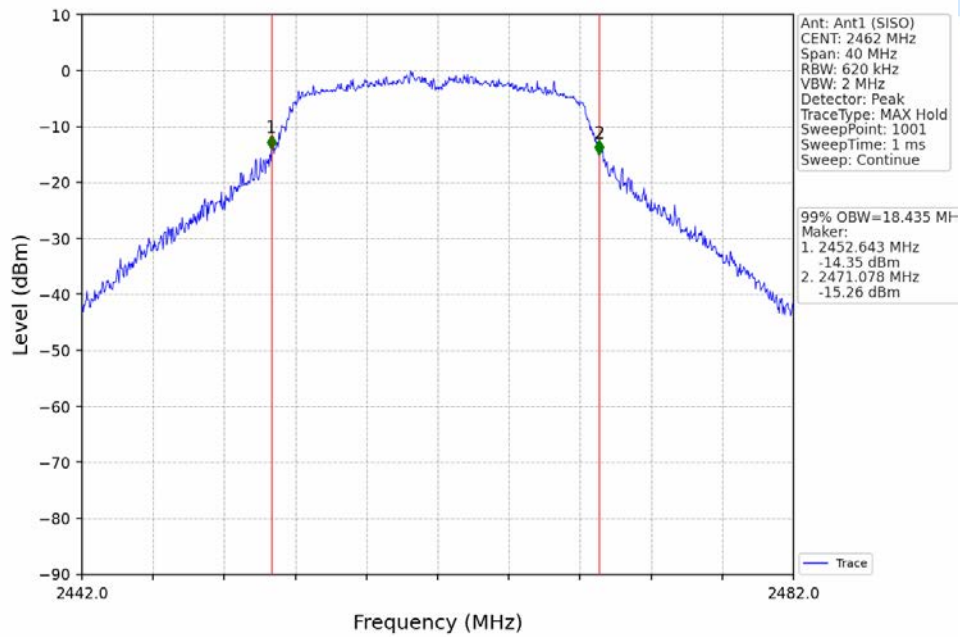
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



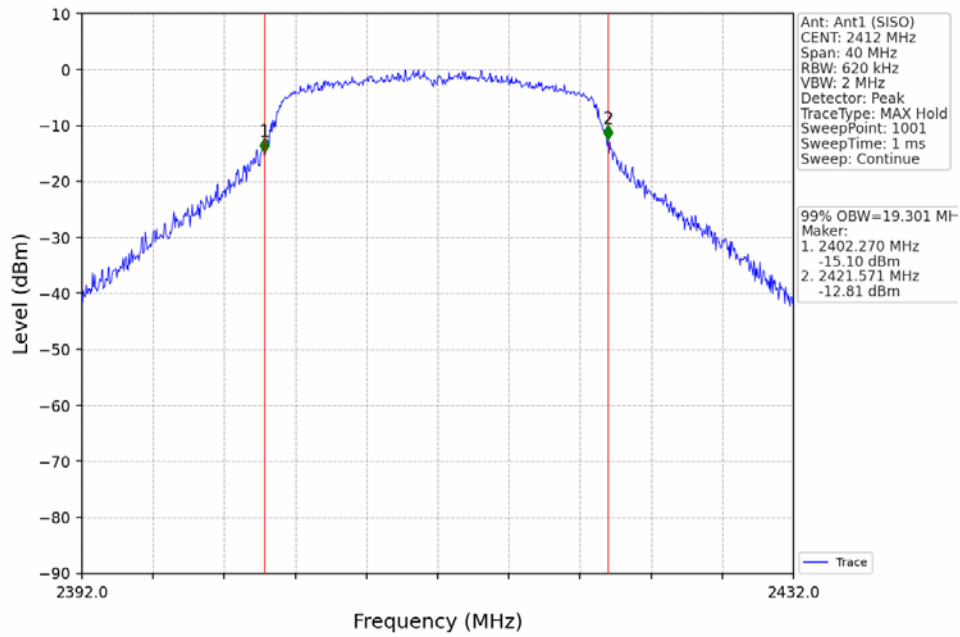
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



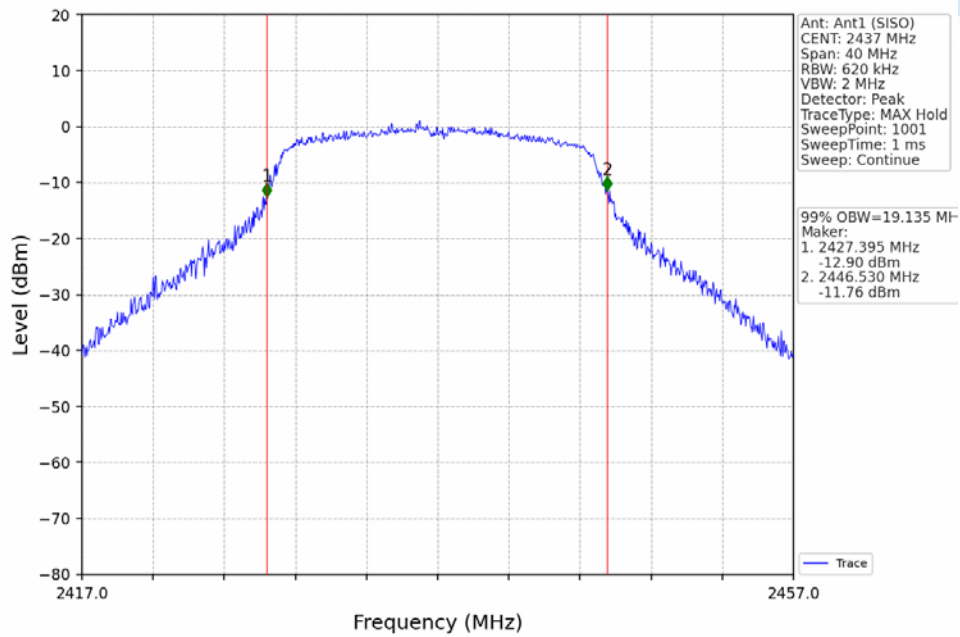
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



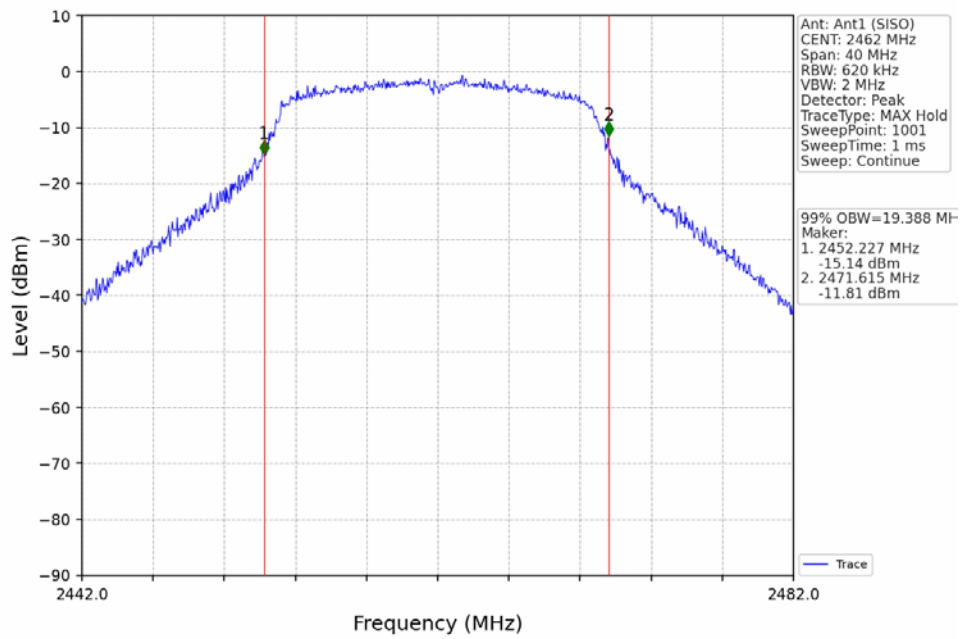
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



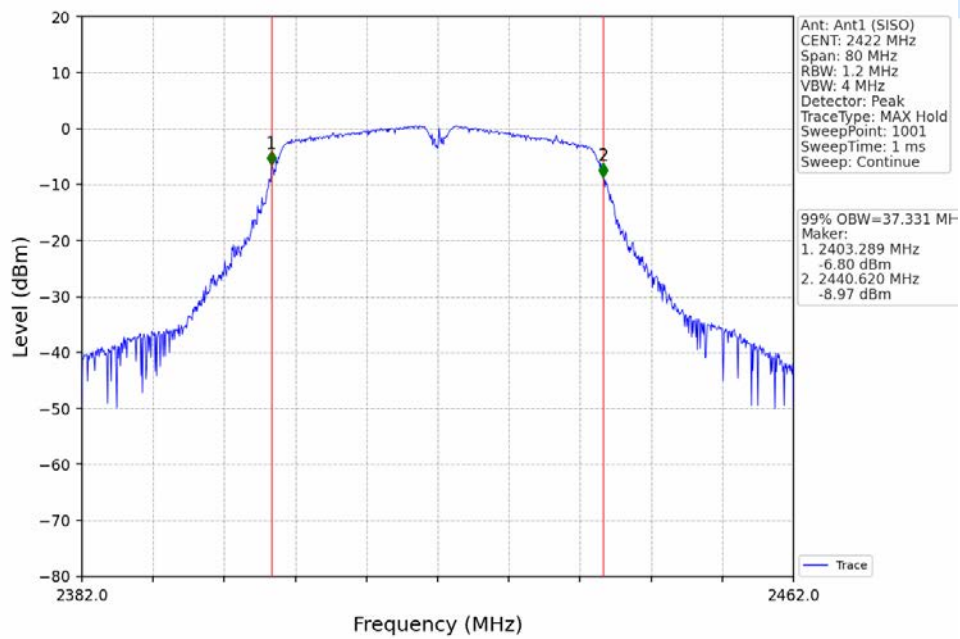
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



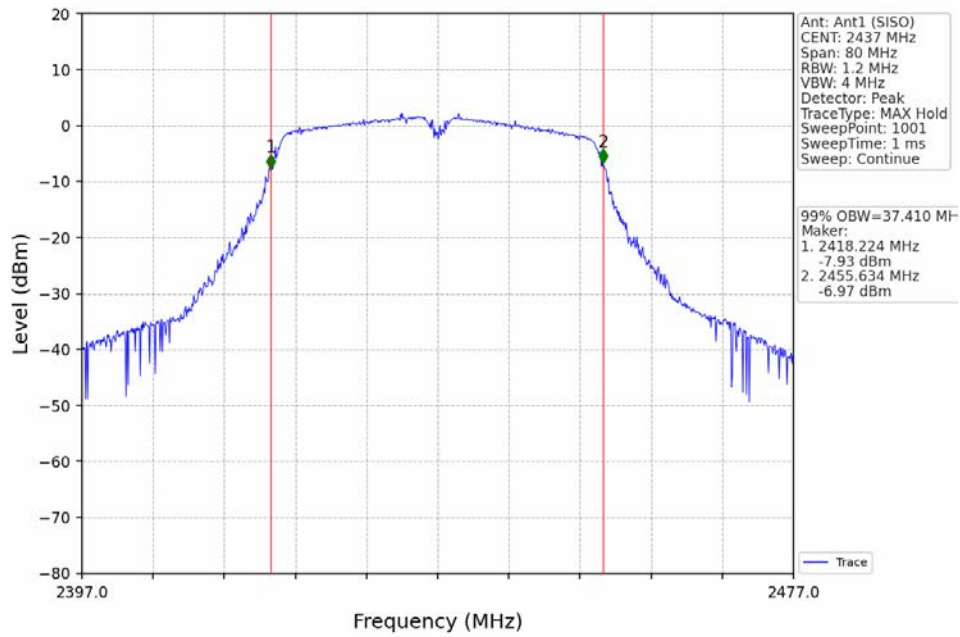
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



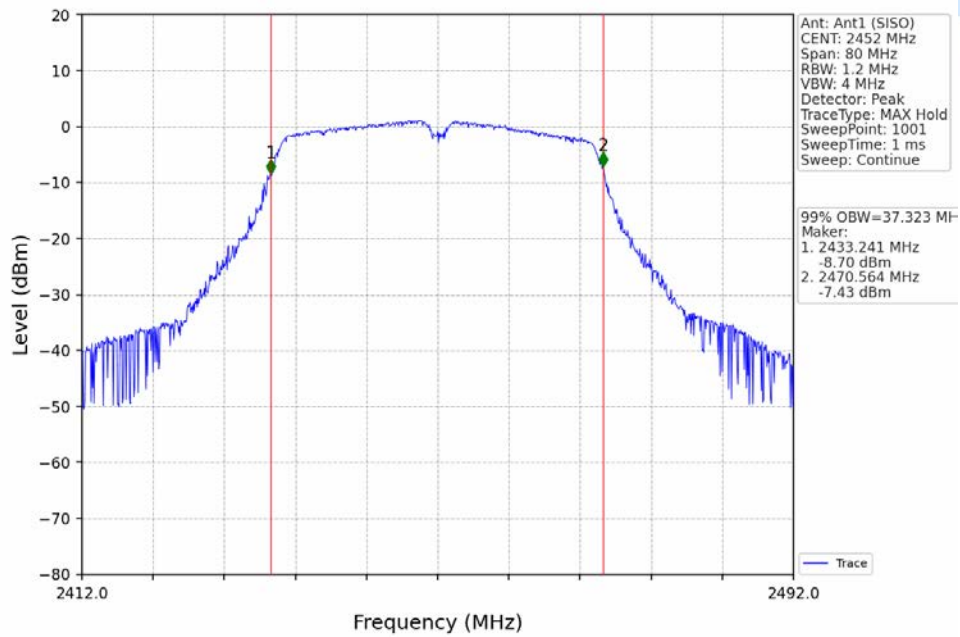
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



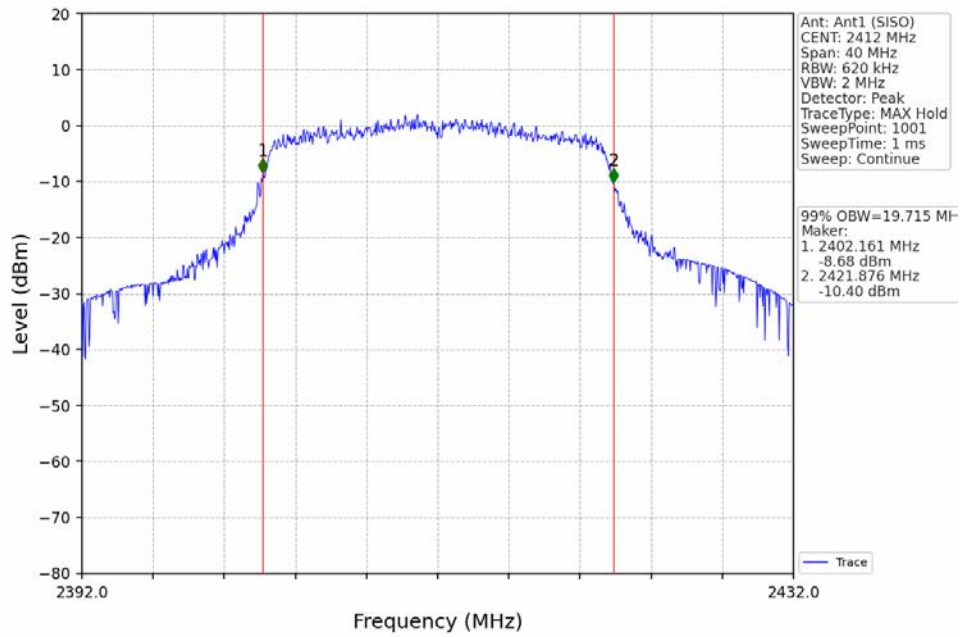
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



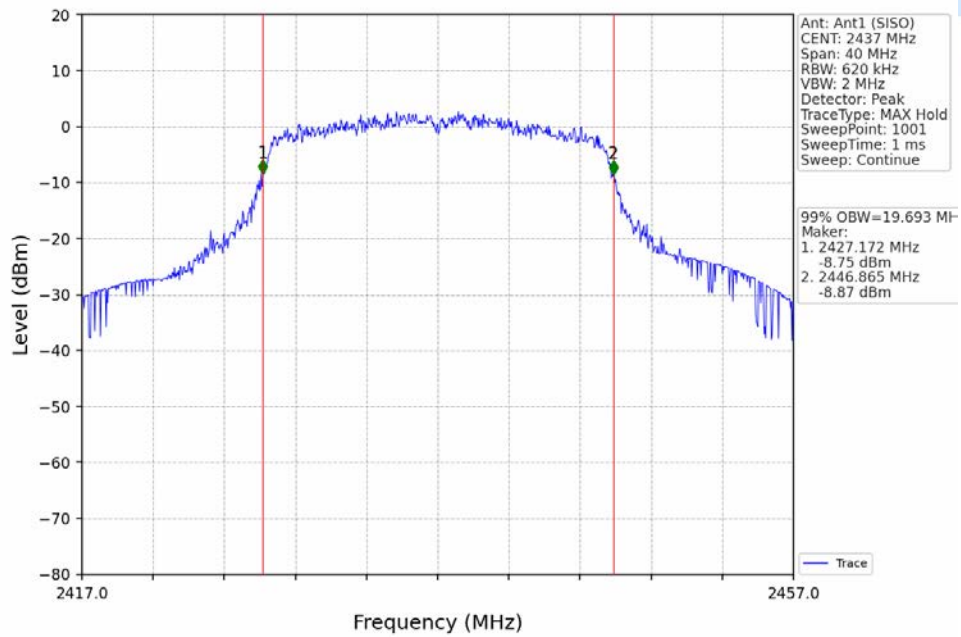
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



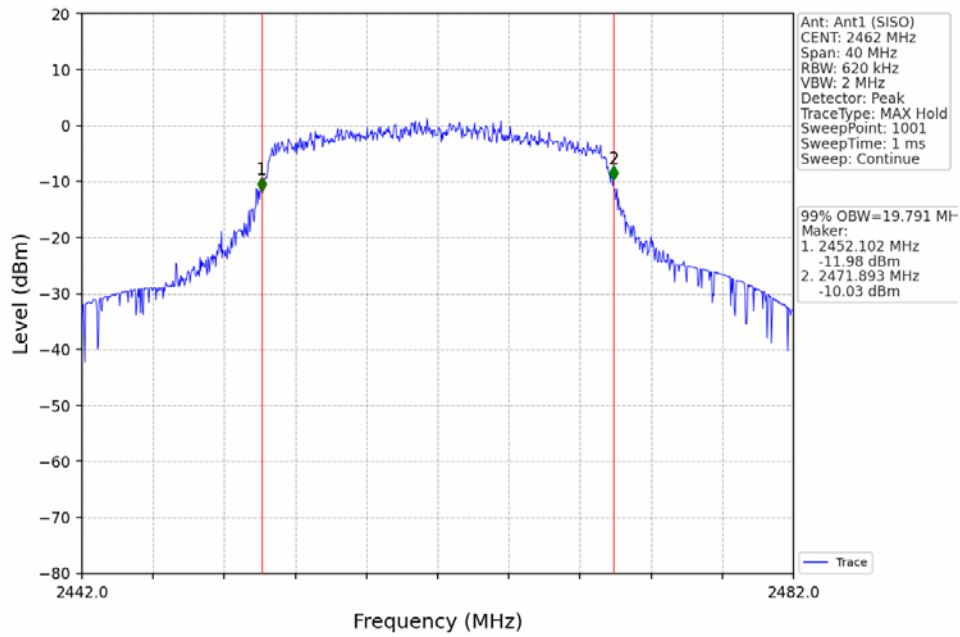
802.11ax(HEW20) LCH 2412MHz_RU242_Left_Ant1 (SISO) NTN



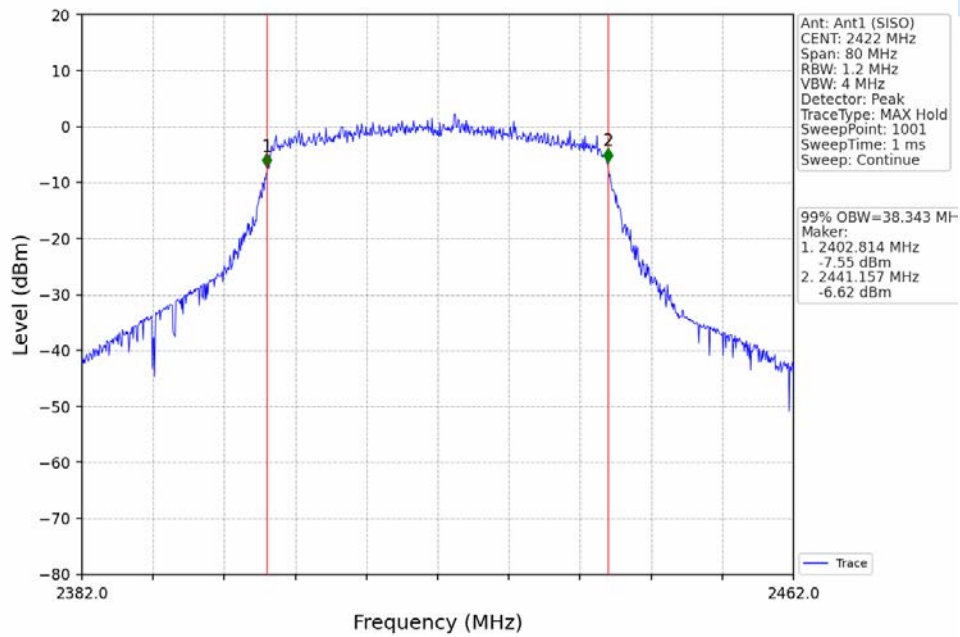
802.11ax(HEW20) MCH 2437MHz_RU242_Left_Ant1 (SISO) NTN



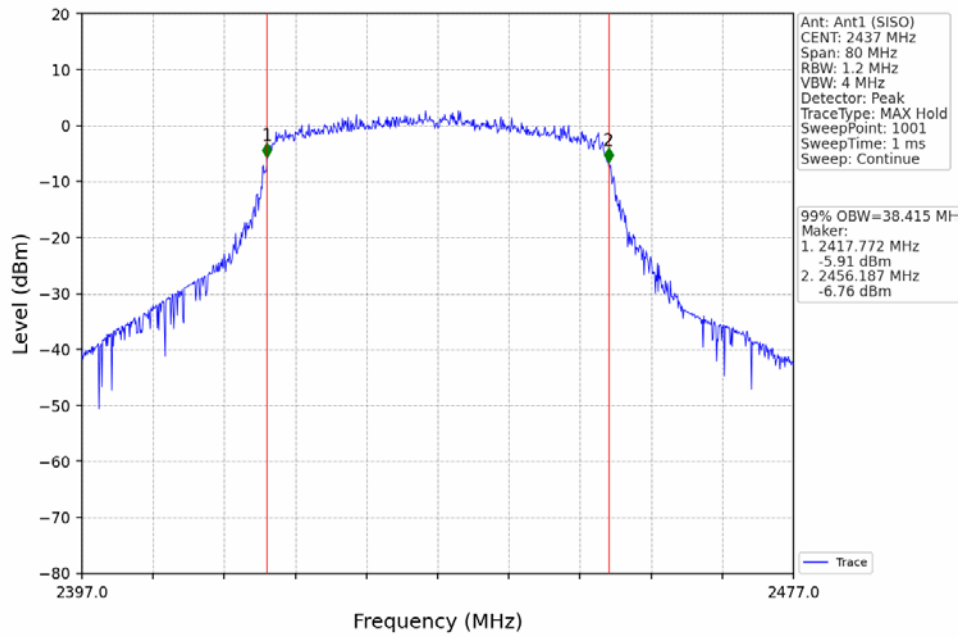
802.11ax(HEW20) HCH 2462MHz RU242 Left Ant1 (SISO) NTN



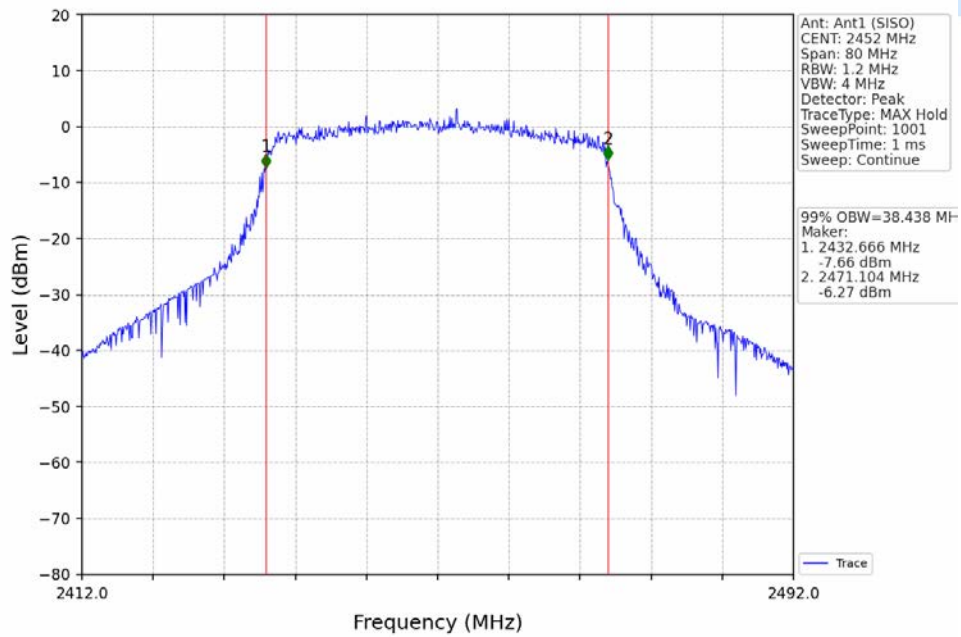
802.11ax(HEW40) LCH 2422MHz RU484 Left Ant1 (SISO) NTN



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (SISO)_NTNV

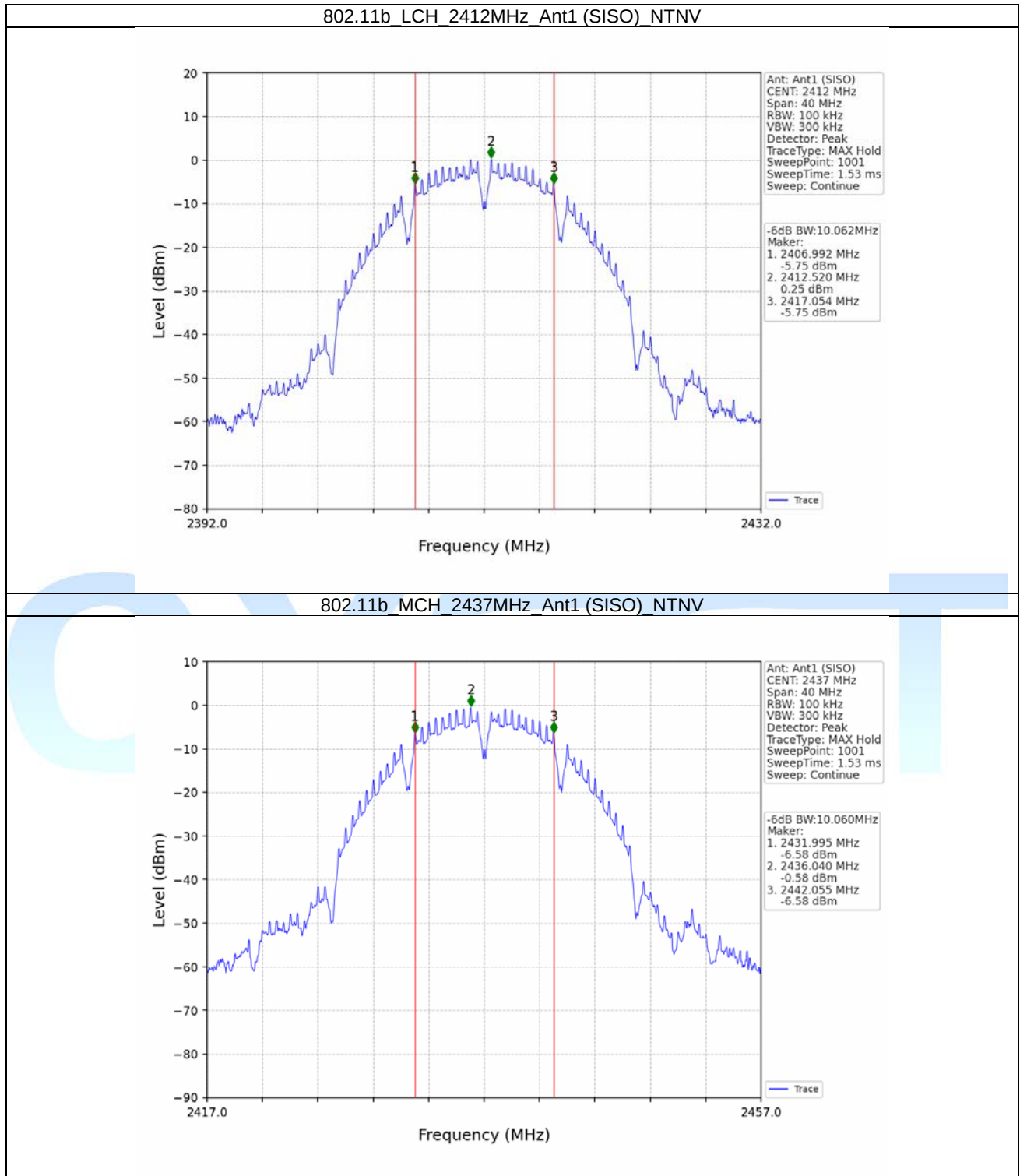


2.2 6dB BW

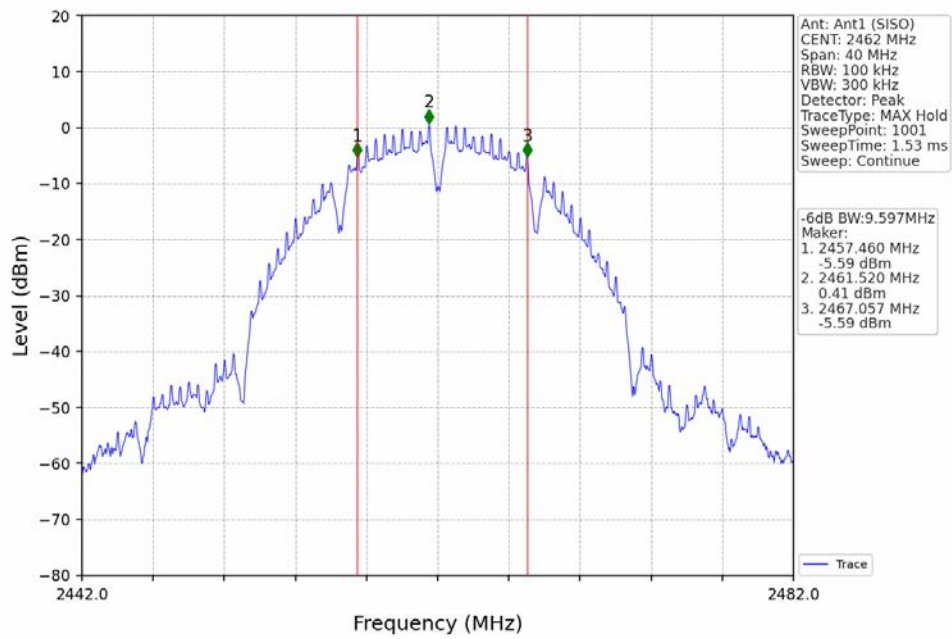
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11b	SISO	2412	/	/	1	10.062	≥ 0.5	Pass
		2437	/	/	1	10.060	≥ 0.5	Pass
		2462	/	/	1	9.597	≥ 0.5	Pass
802.11g	SISO	2412	/	/	1	15.685	≥ 0.5	Pass
		2437	/	/	1	15.809	≥ 0.5	Pass
		2462	/	/	1	15.923	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	/	/	1	16.049	≥ 0.5	Pass
		2437	/	/	1	17.305	≥ 0.5	Pass
		2462	/	/	1	15.465	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	/	/	1	35.183	≥ 0.5	Pass
		2437	/	/	1	35.148	≥ 0.5	Pass
		2452	/	/	1	35.142	≥ 0.5	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	1	16.251	≥ 0.5	Pass
		2437	RU242	Left	1	16.900	≥ 0.5	Pass
		2462	RU242	Left	1	16.933	≥ 0.5	Pass
802.11ax (HEW40)	SISO	2422	RU484	Left	1	35.164	≥ 0.5	Pass
		2437	RU484	Left	1	36.385	≥ 0.5	Pass
		2452	RU484	Left	1	36.388	≥ 0.5	Pass

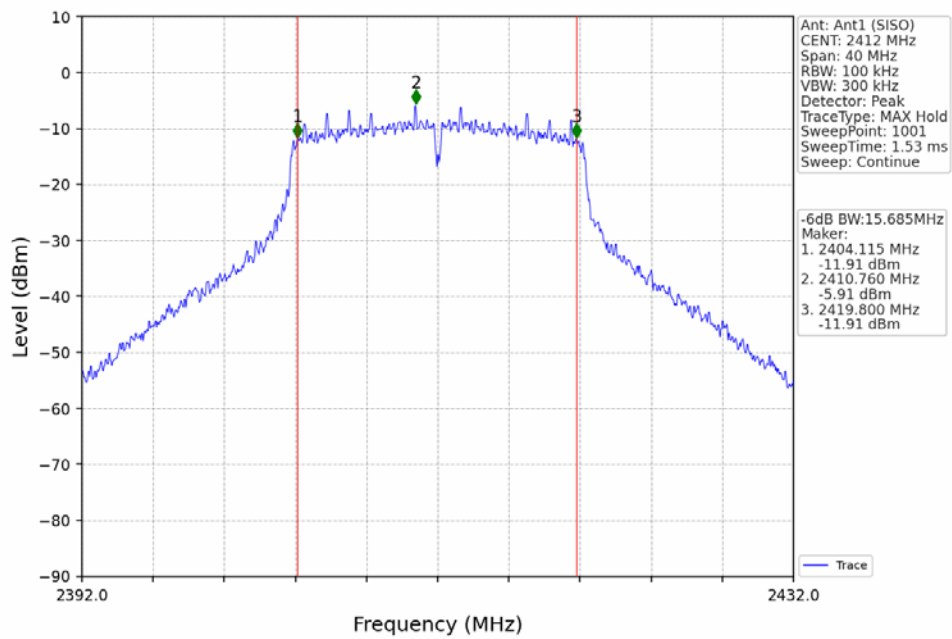
2.2.2 Test Graph



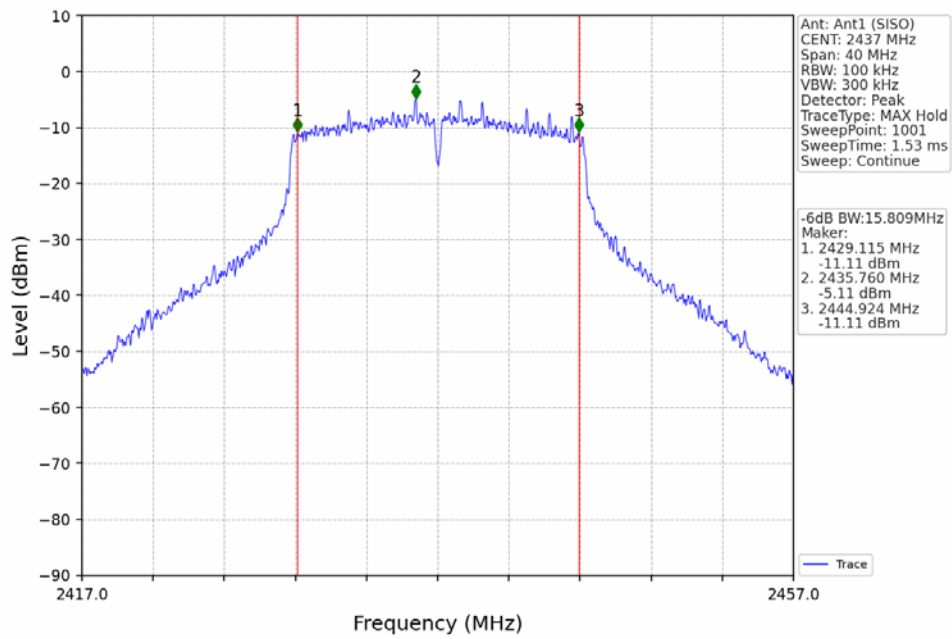
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



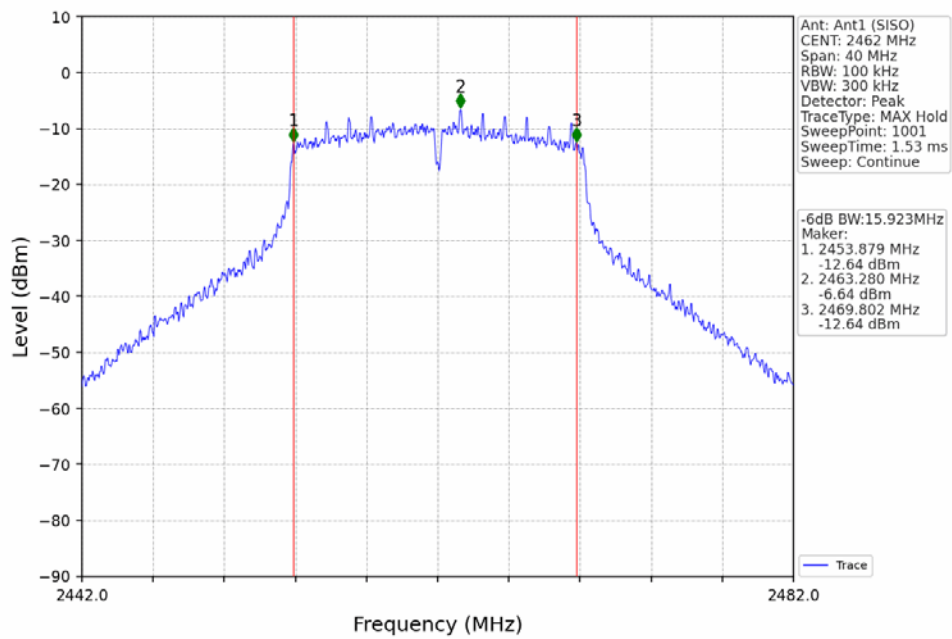
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



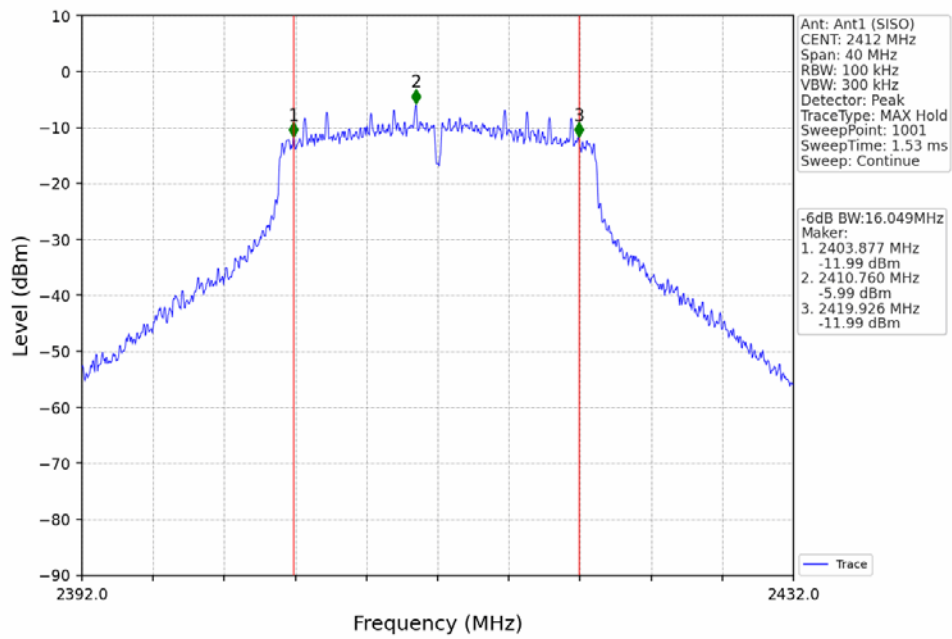
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



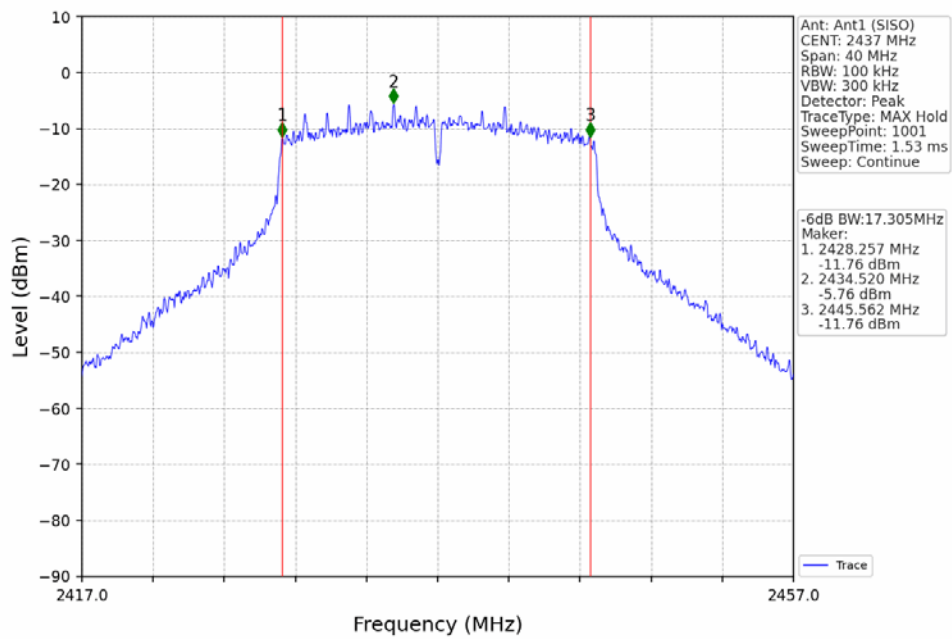
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



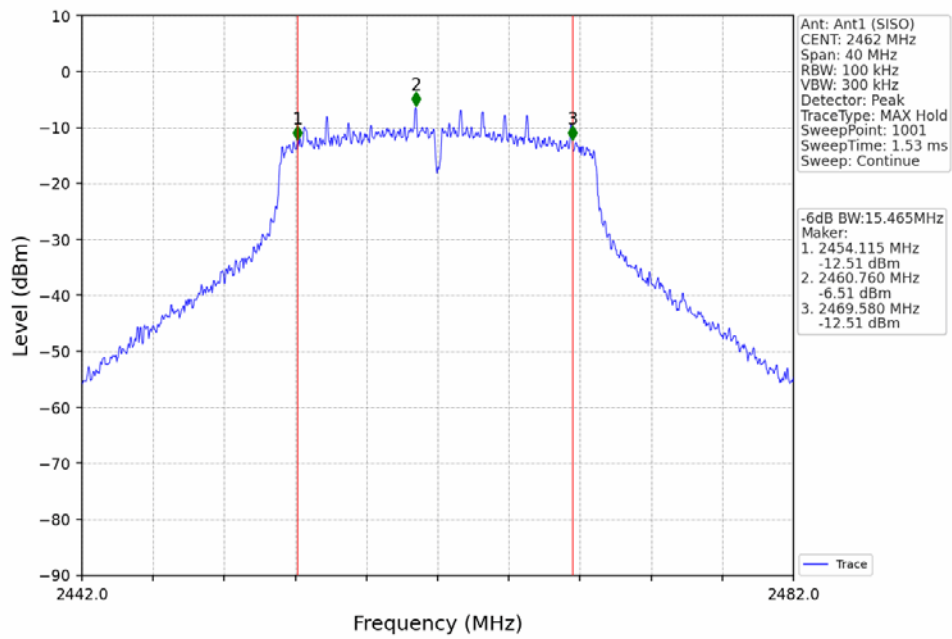
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



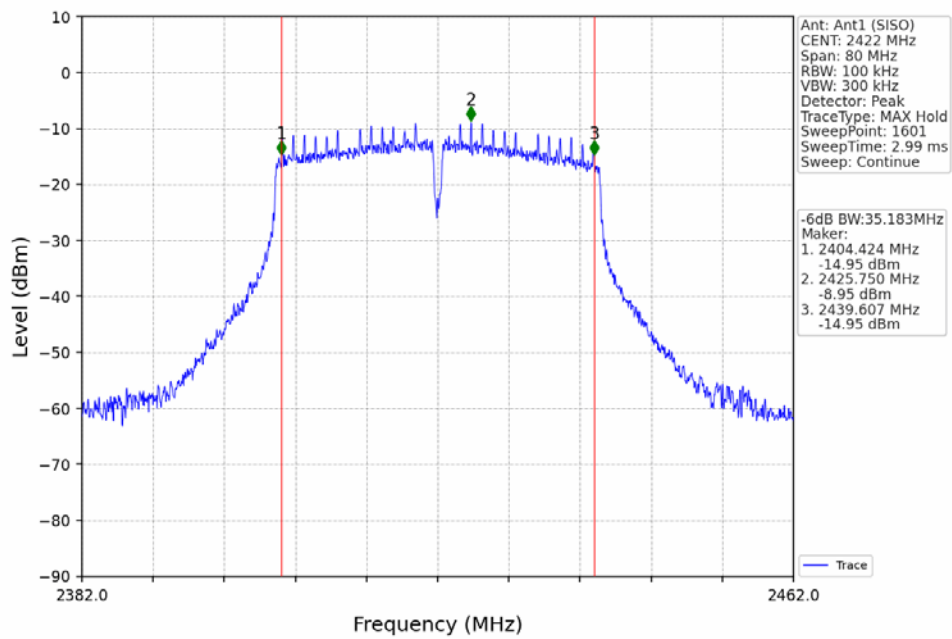
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



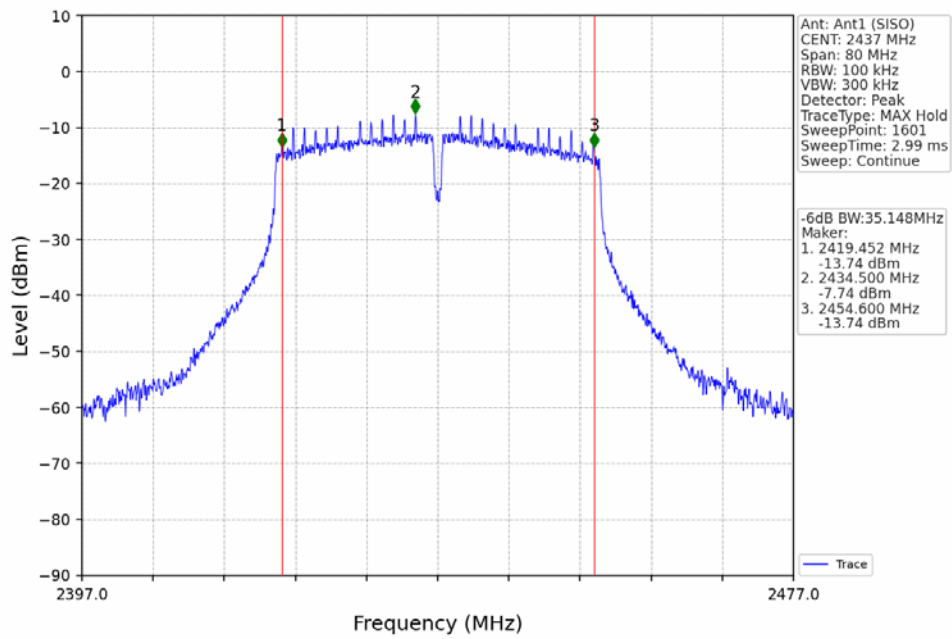
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



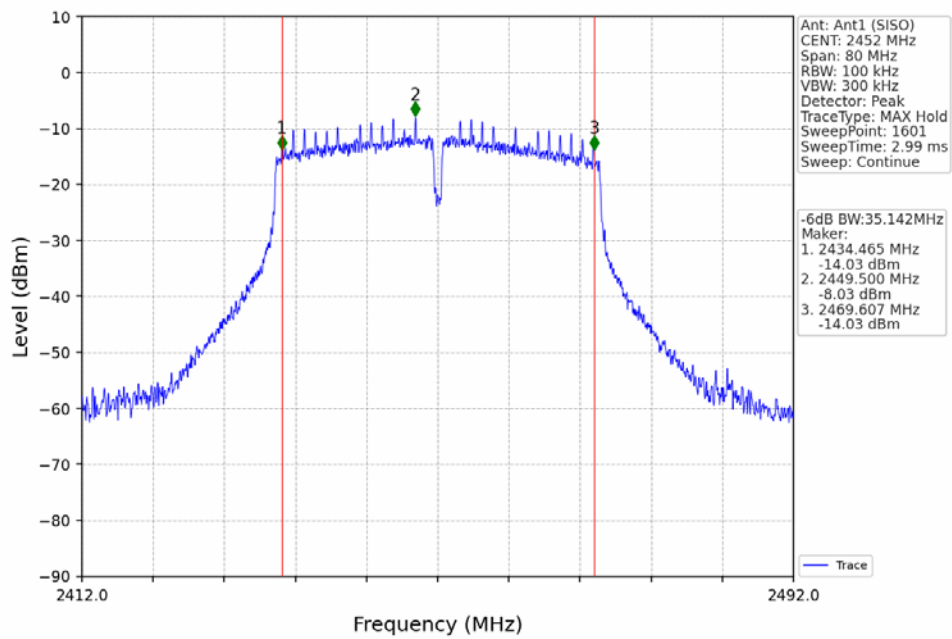
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



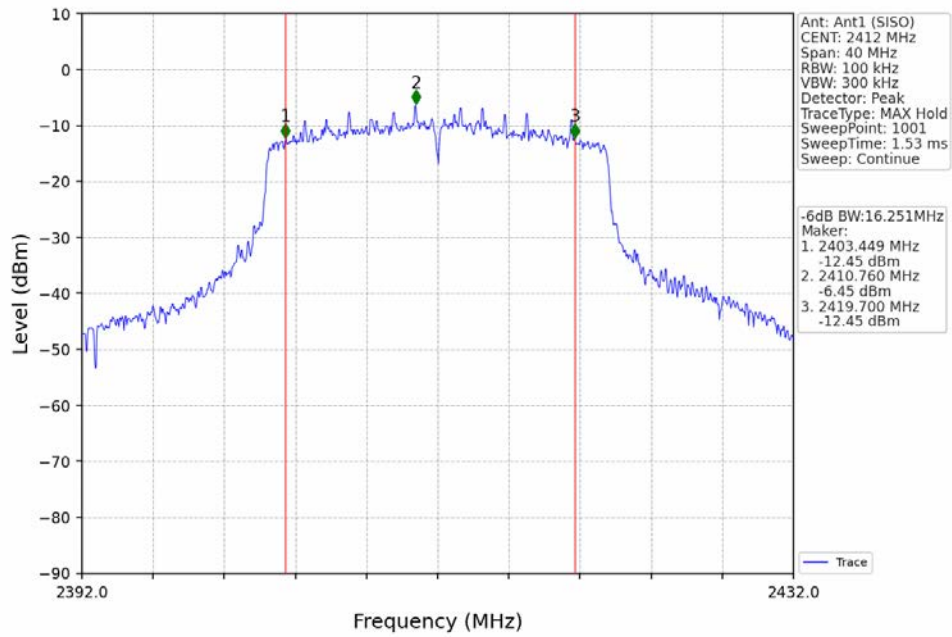
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



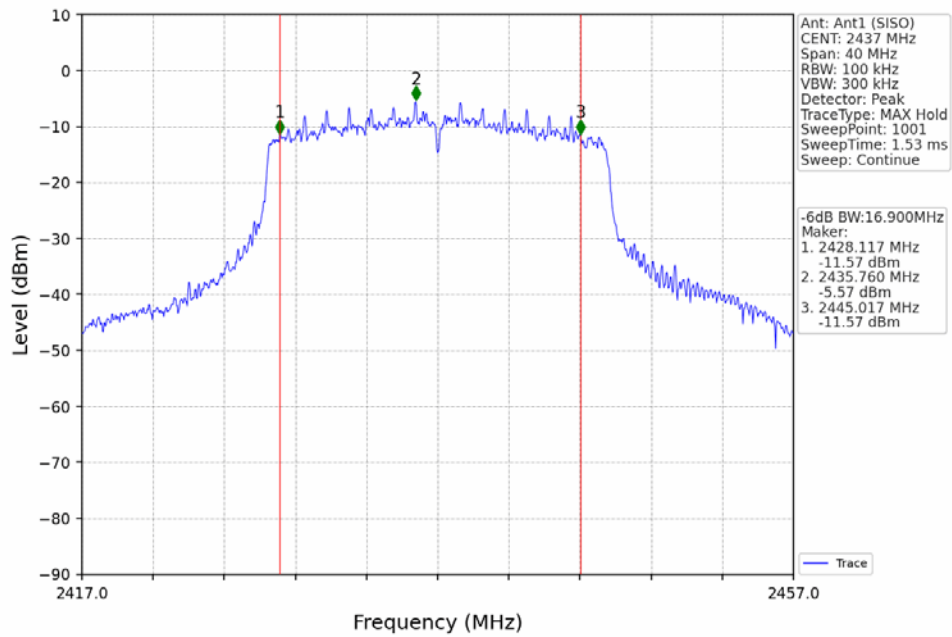
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



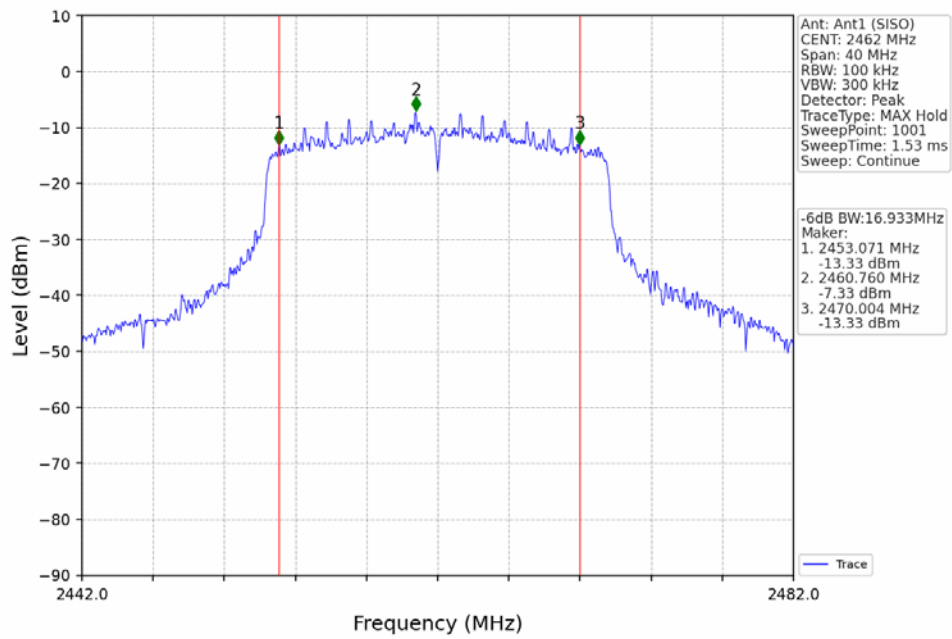
802.11ax(HEW20)_LCH_2412MHz_RU242_Left_Ant1 (SISO)_NTNV



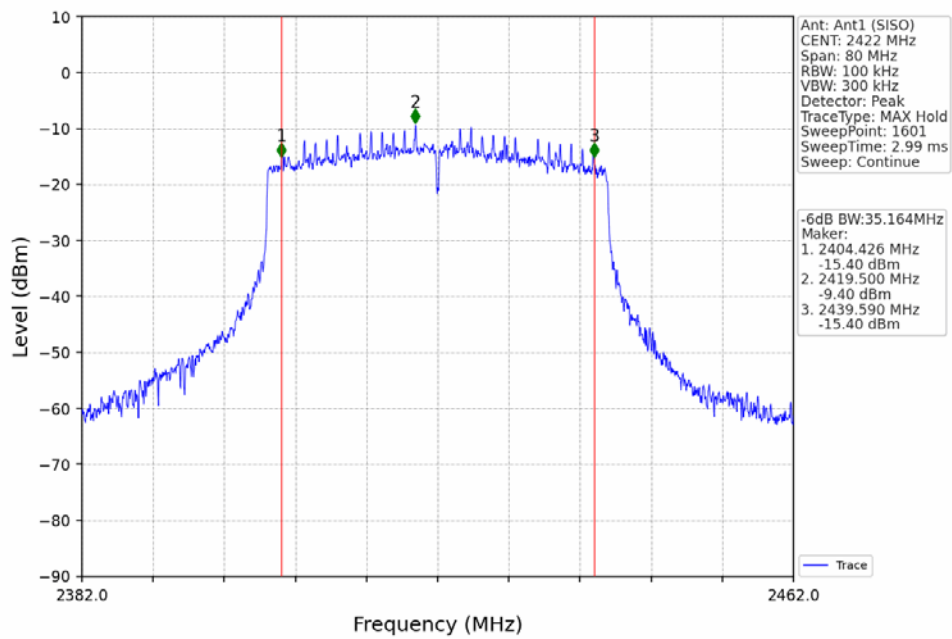
802.11ax(HEW20)_MCH_2437MHz_RU242_Left_Ant1 (SISO)_NTNV



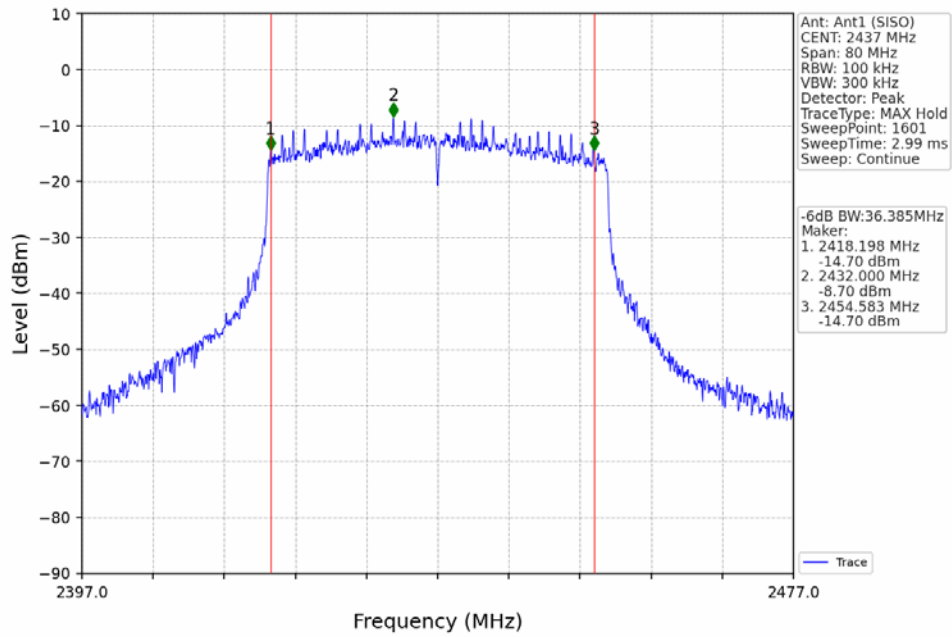
802.11ax(HEW20) HCH 2462MHz RU242 Left_Ant1 (SISO) NTN



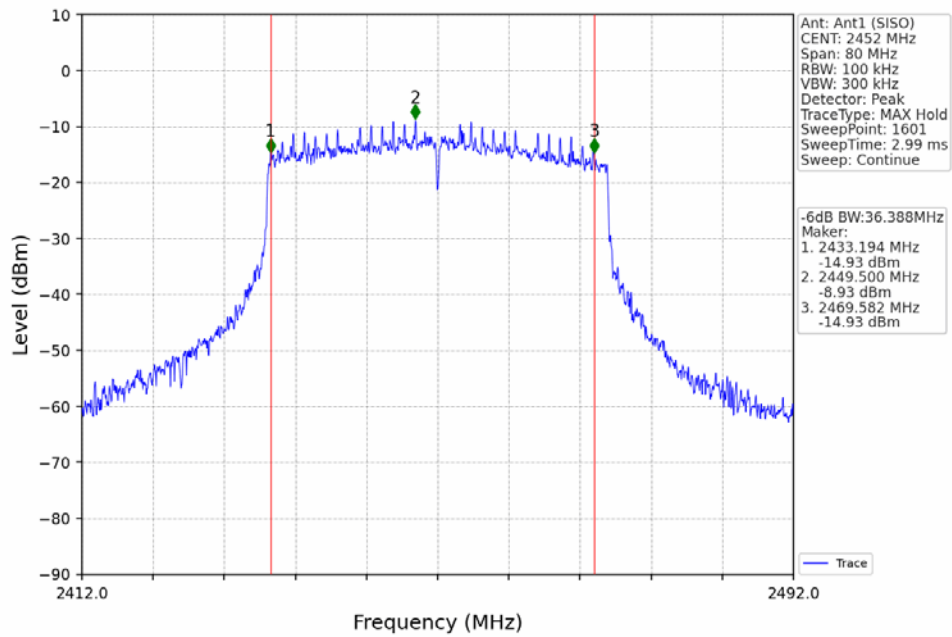
802.11ax(HEW40) LCH 2422MHz RU484 Left_Ant1 (SISO) NTN



802.11ax(HEW40)_MCH_2437MHz_RU484_Left_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_RU484_Left_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Peak Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	11.45	<=30	Pass
		2437	/	/	10.78	<=30	Pass
		2462	/	/	11.57	<=30	Pass
802.11g	SISO	2412	/	/	12.52	<=30	Pass
		2437	/	/	13.35	<=30	Pass
		2462	/	/	11.81	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	12.30	<=30	Pass
		2437	/	/	13.42	<=30	Pass
		2462	/	/	11.29	<=30	Pass
802.11n (HT40)	SISO	2422	/	/	12.10	<=30	Pass
		2437	/	/	13.20	<=30	Pass
		2452	/	/	12.70	<=30	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	12.41	<=30	Pass
		2437	RU242	Left	13.20	<=30	Pass
		2462	RU242	Left	11.74	<=30	Pass
802.11ax (HEW40)	SISO	2422	RU484	Left	12.02	<=30	Pass
		2437	RU484	Left	12.99	<=30	Pass
		2452	RU484	Left	12.52	<=30	Pass

Note1: Antenna Gain: Ant1: 1.31dBi;

4. Maximum Power Spectral Density

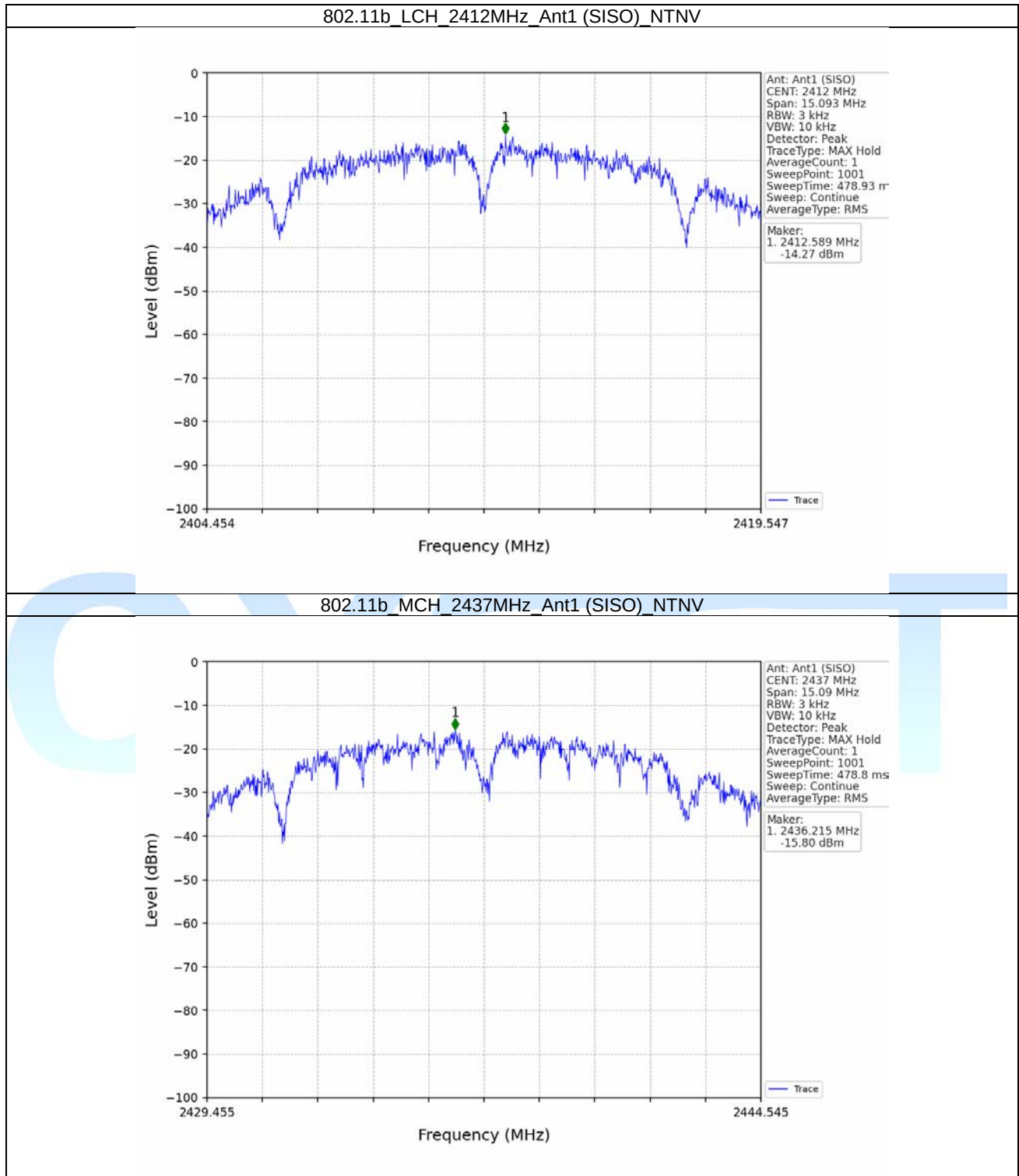
4.1 PSD

4.1.1 Test Result

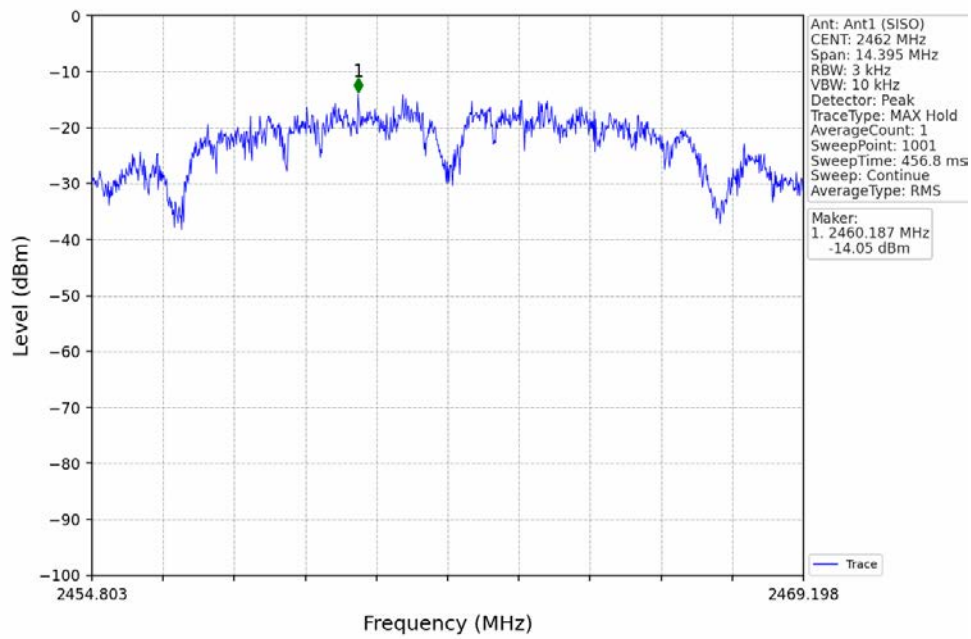
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-14.27	<=8	Pass
		2437	/	/	-15.80	<=8	Pass
		2462	/	/	-14.05	<=8	Pass
802.11g	SISO	2412	/	/	-19.74	<=8	Pass
		2437	/	/	-18.46	<=8	Pass
		2462	/	/	-19.76	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-20.94	<=8	Pass
		2437	/	/	-19.87	<=8	Pass
		2462	/	/	-21.64	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-23.79	<=8	Pass
		2437	/	/	-22.43	<=8	Pass
		2452	/	/	-22.99	<=8	Pass
802.11ax (HEW20)	SISO	2412	RU242	Left	-21.98	<=8	Pass
		2437	RU242	Left	-21.03	<=8	Pass
		2462	RU242	Left	-24.07	<=8	Pass
802.11ax (HEW40)	SISO	2422	RU484	Left	-26.19	<=8	Pass
		2437	RU484	Left	-25.38	<=8	Pass
		2452	RU484	Left	-25.22	<=8	Pass

Note1: Antenna Gain: Ant1: 1.31dBi;

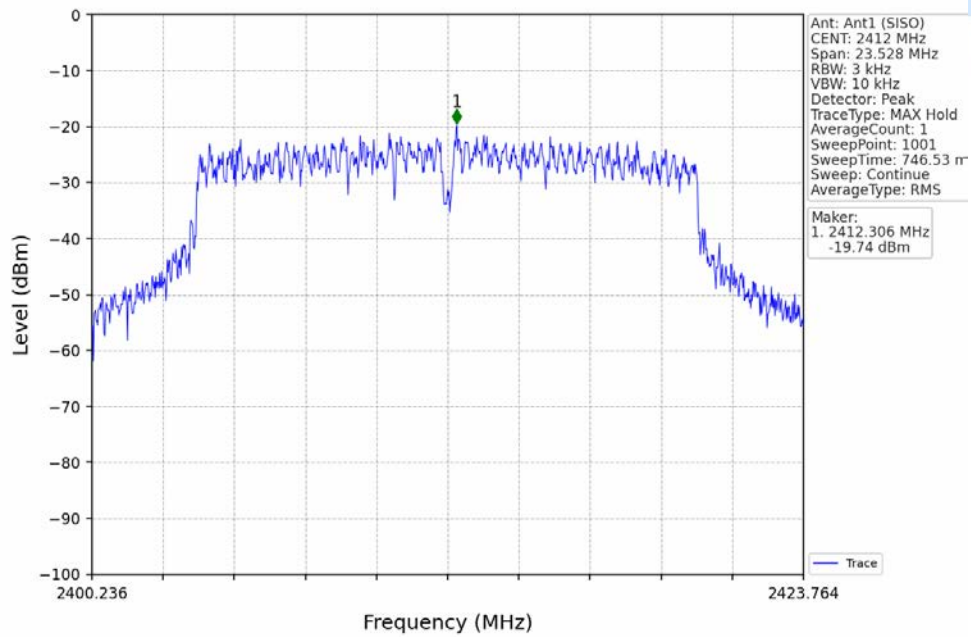
4.1.2 Test Graph



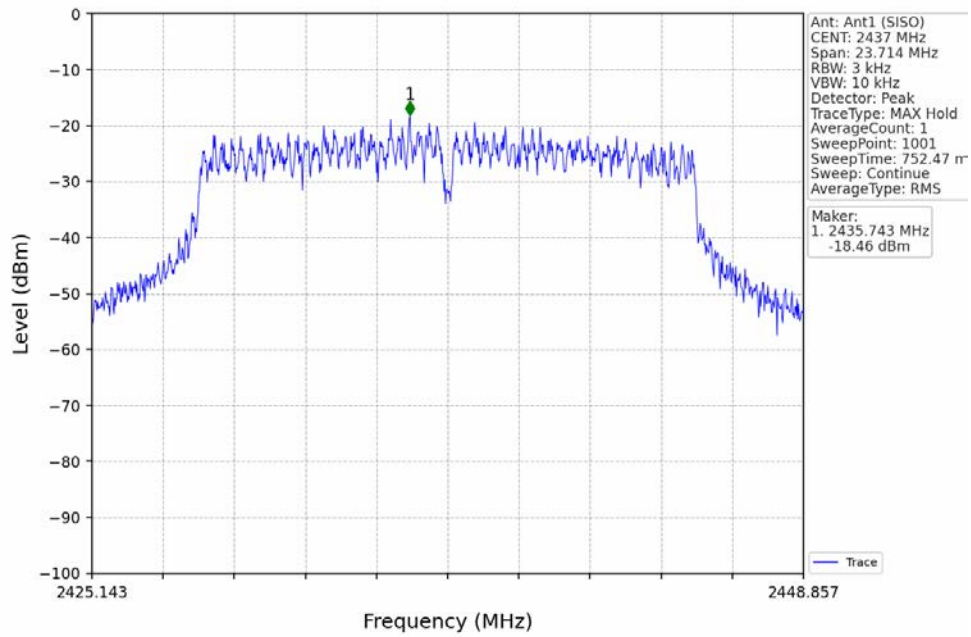
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

