

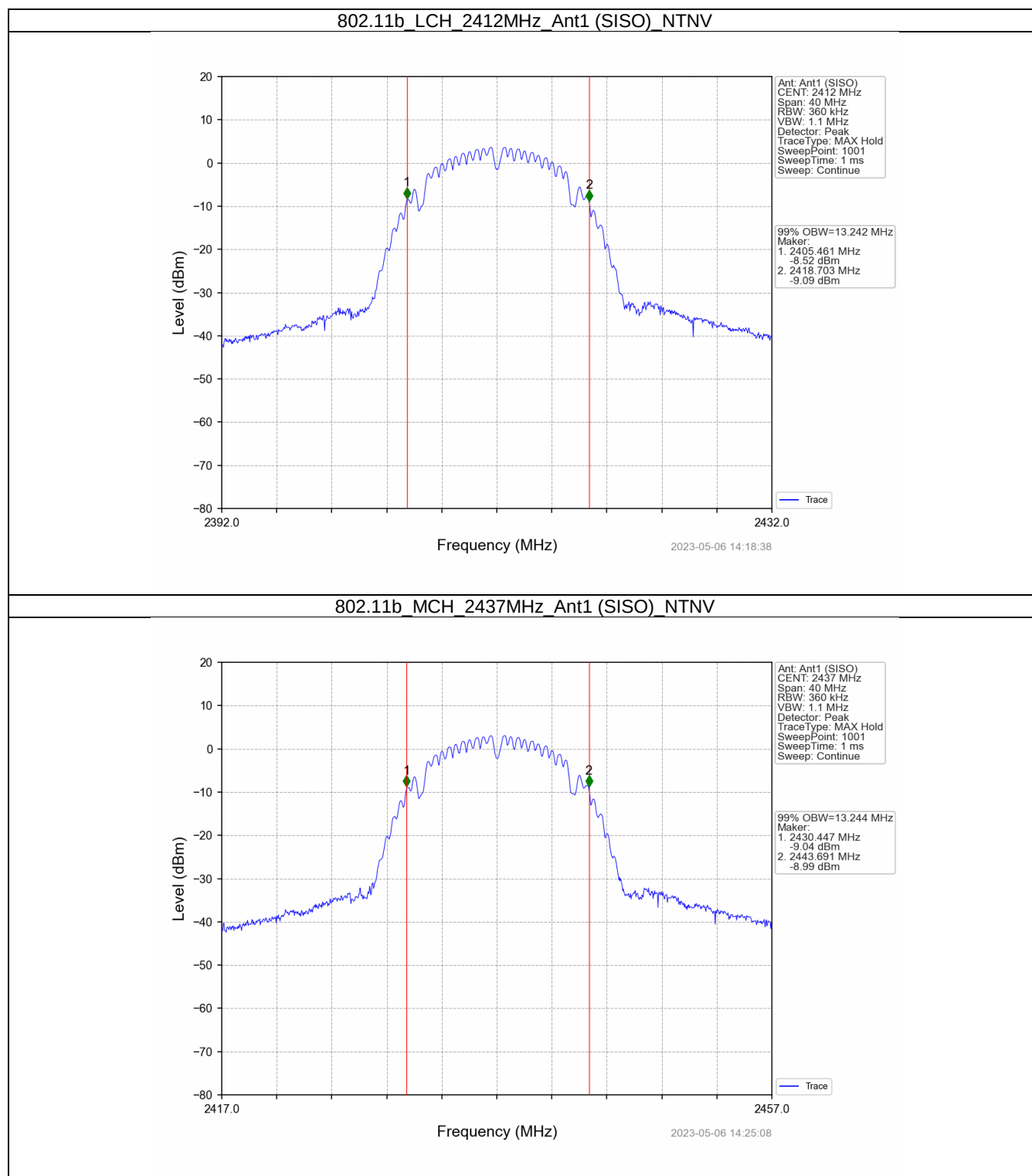
1. Bandwidth

1.1 OBW

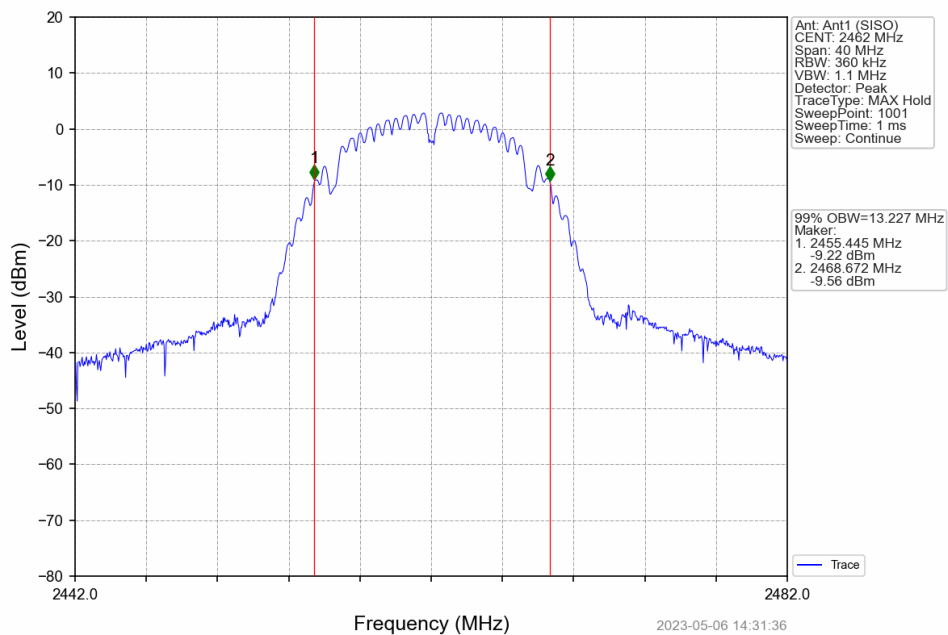
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.242	Pass
		2437	1	13.244	Pass
		2462	1	13.227	Pass
802.11g	SISO	2412	1	18.494	Pass
		2437	1	18.544	Pass
		2462	1	18.495	Pass
802.11n (HT20)	SISO	2412	1	19.231	Pass
		2437	1	19.283	Pass
		2462	1	19.208	Pass

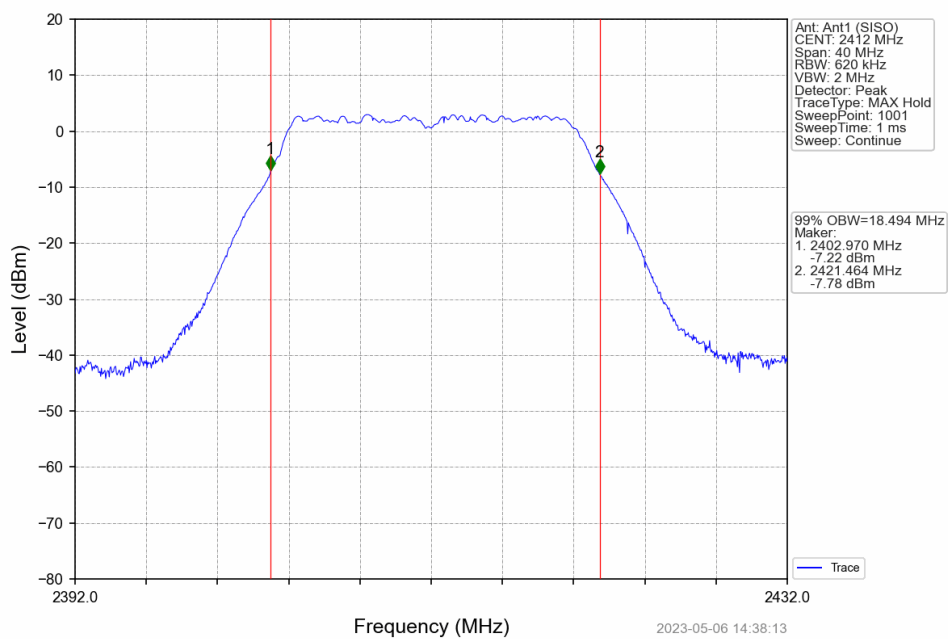
1.1.2 Test Graph



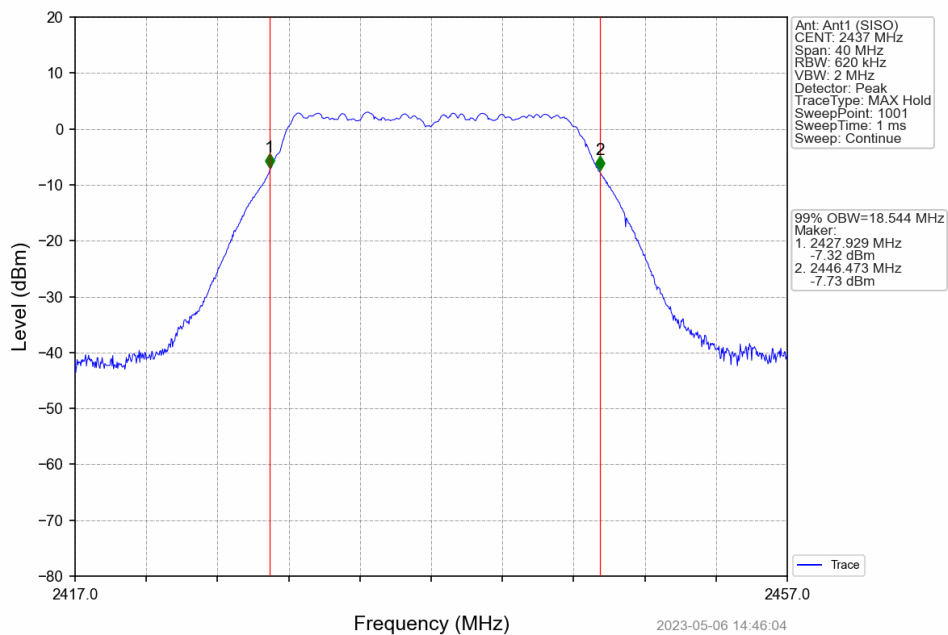
802.11b HCH 2462MHz Ant1 (SISO) NTN



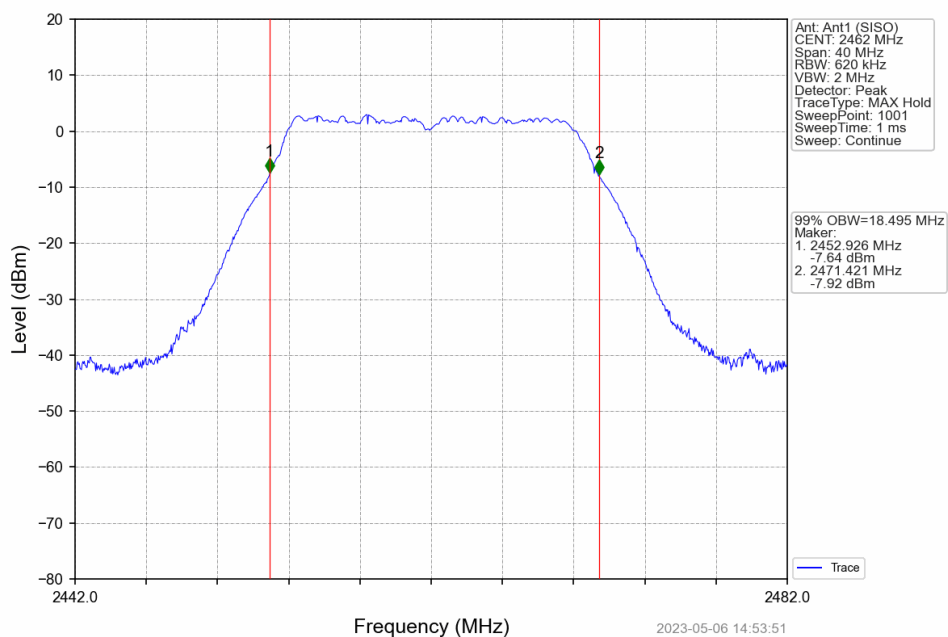
802.11g LCH 2412MHz Ant1 (SISO) NTN



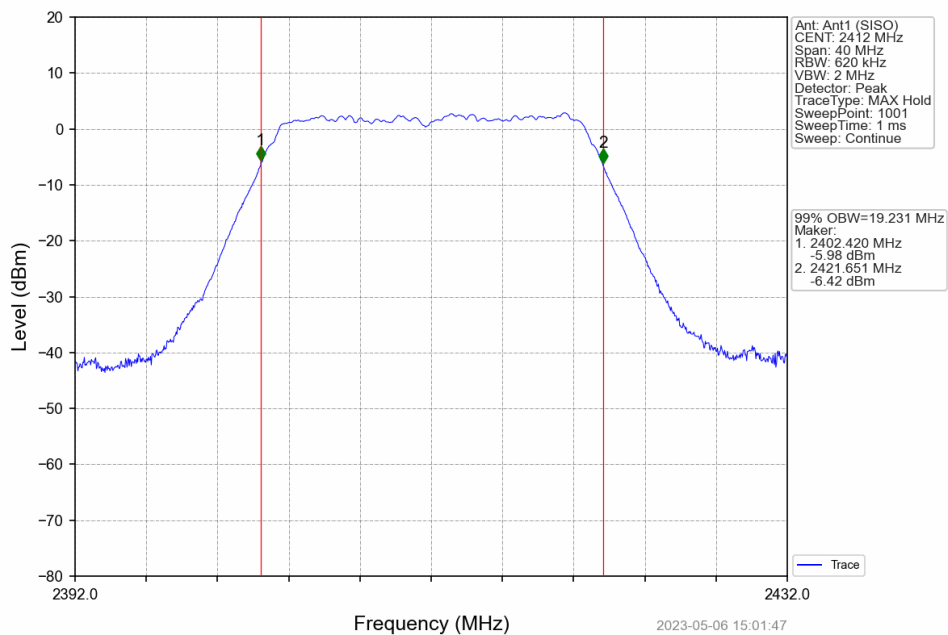
802.11g MCH 2437MHz Ant1 (SISO) NTN



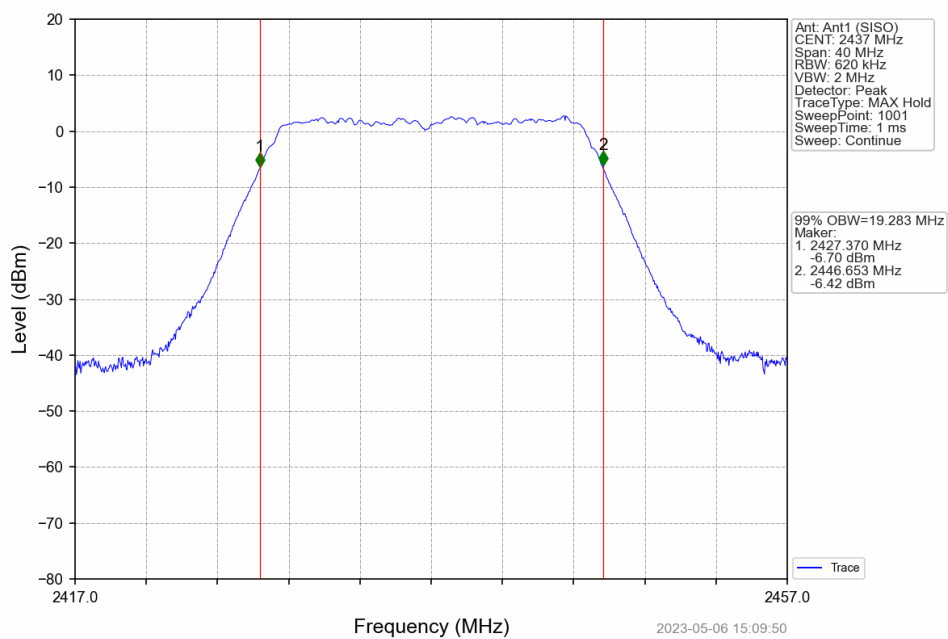
802.11g HCH 2462MHz Ant1 (SISO) NTN

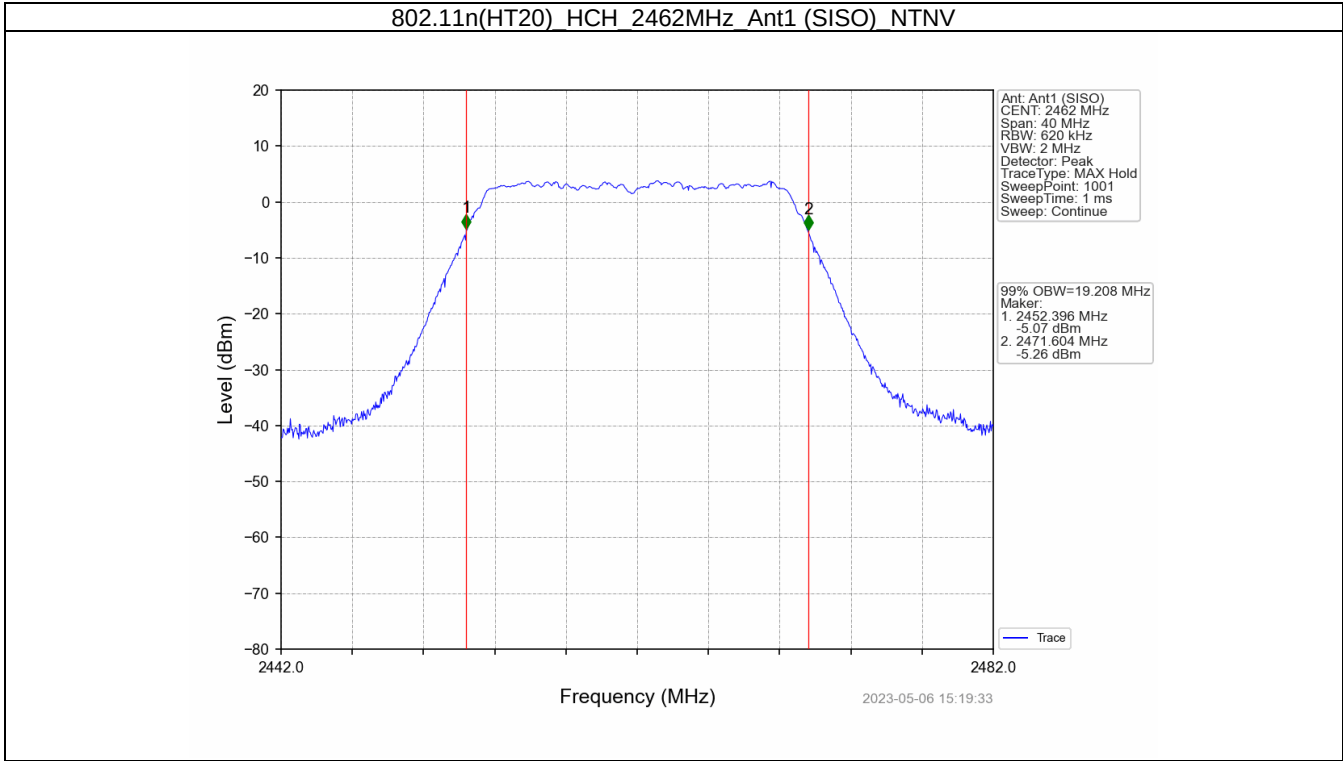


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV



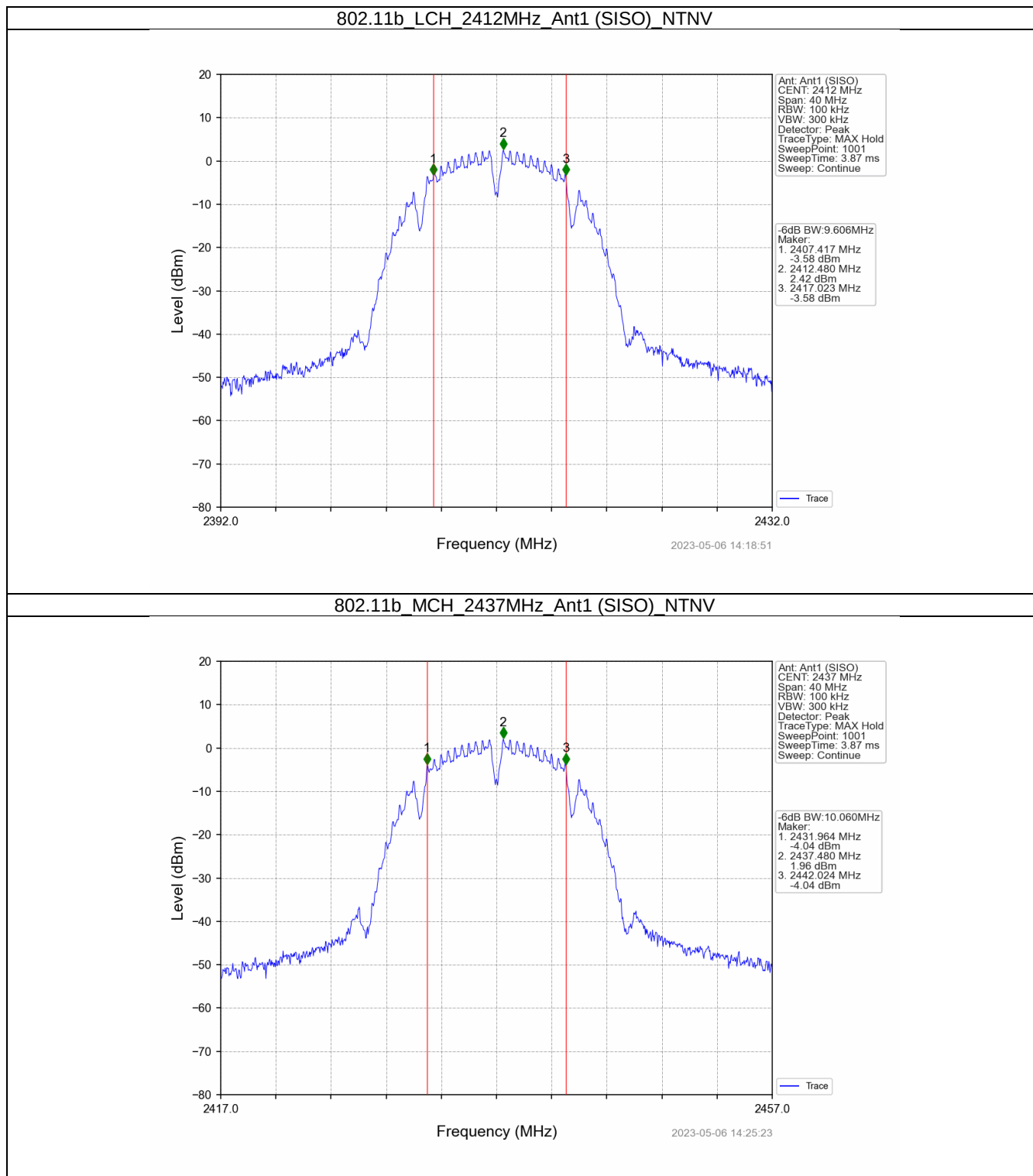


1.2 6dB BW

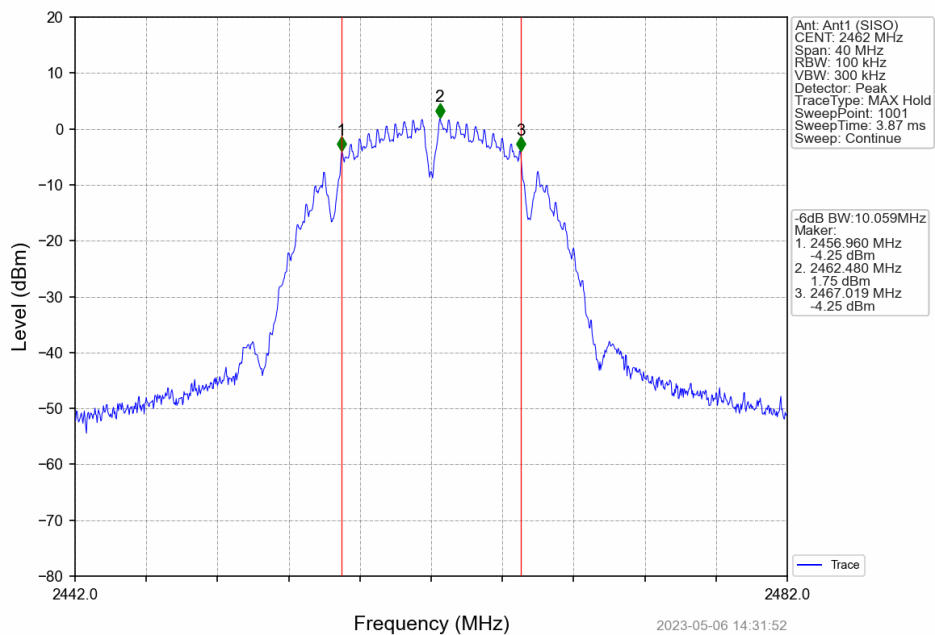
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.606	>=0.5	Pass
		2437	1	10.060	>=0.5	Pass
		2462	1	10.059	>=0.5	Pass
802.11g	SISO	2412	1	11.437	>=0.5	Pass
		2437	1	16.412	>=0.5	Pass
		2462	1	16.403	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	17.628	>=0.5	Pass
		2437	1	17.638	>=0.5	Pass
		2462	1	11.733	>=0.5	Pass

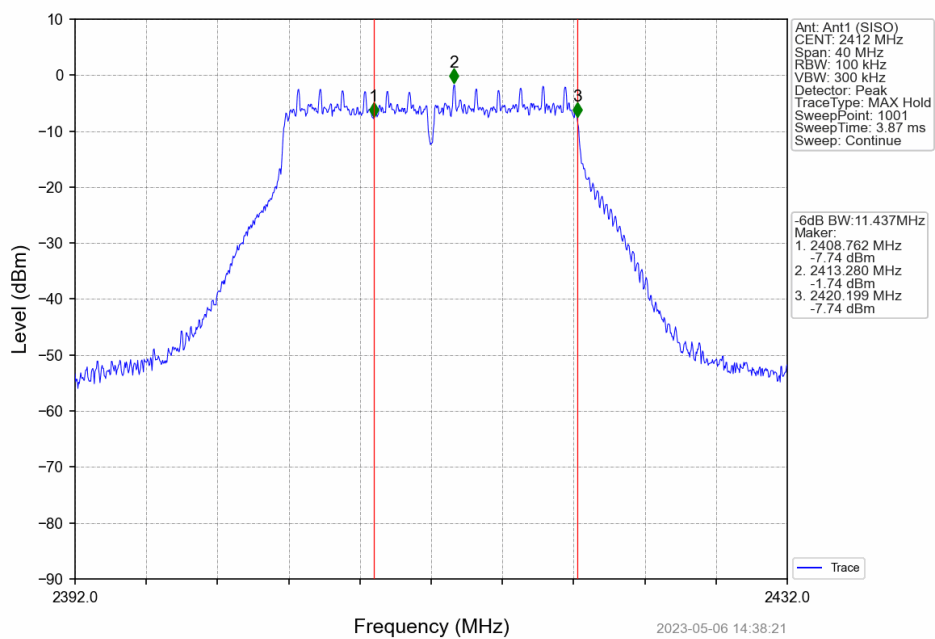
1.2.2 Test Graph



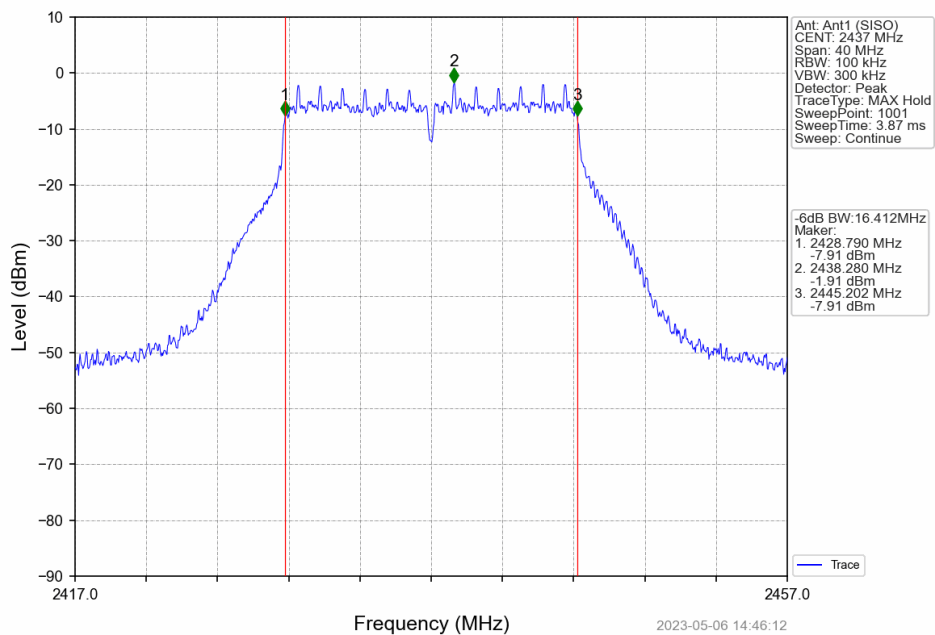
802.11b HCH 2462MHz Ant1 (SISO) NTN



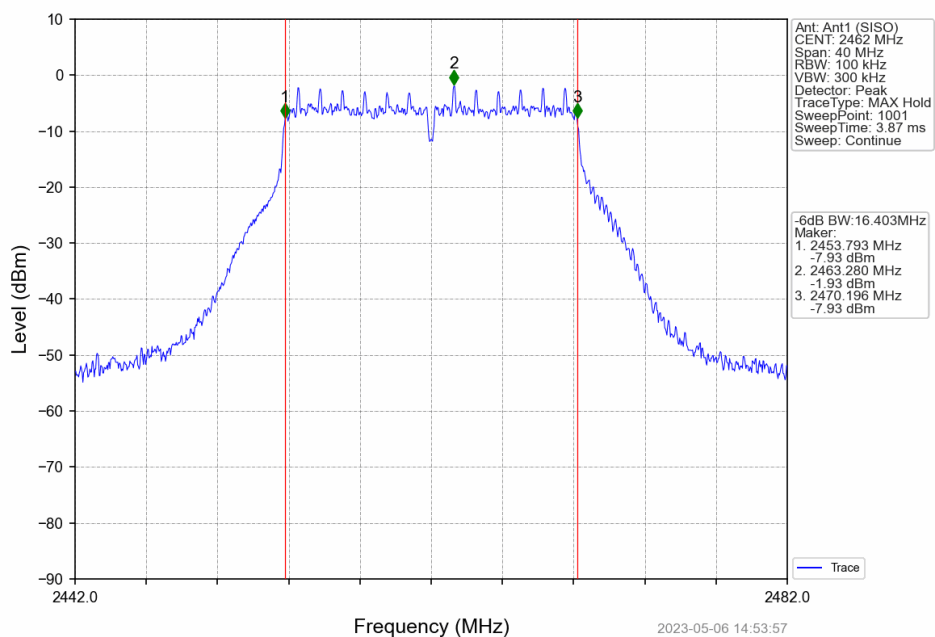
802.11g LCH 2412MHz Ant1 (SISO) NTN

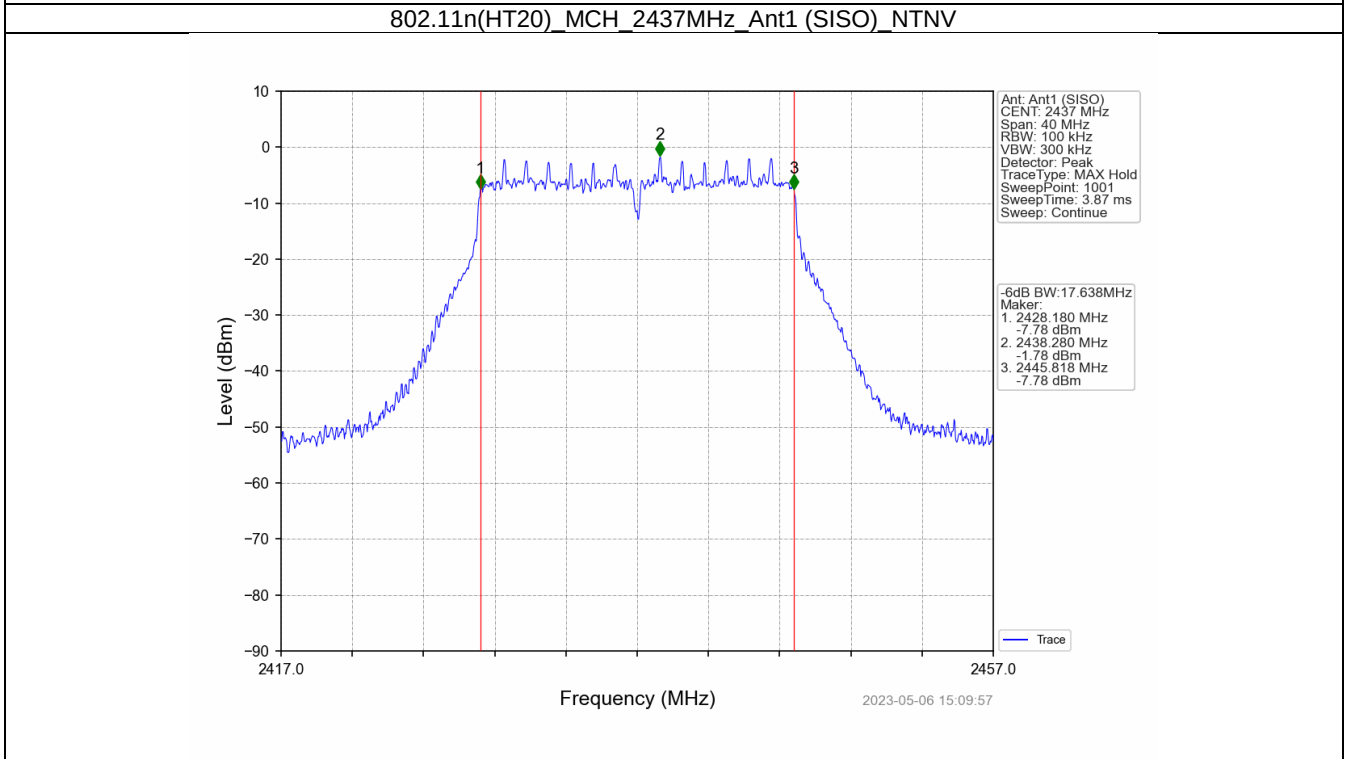
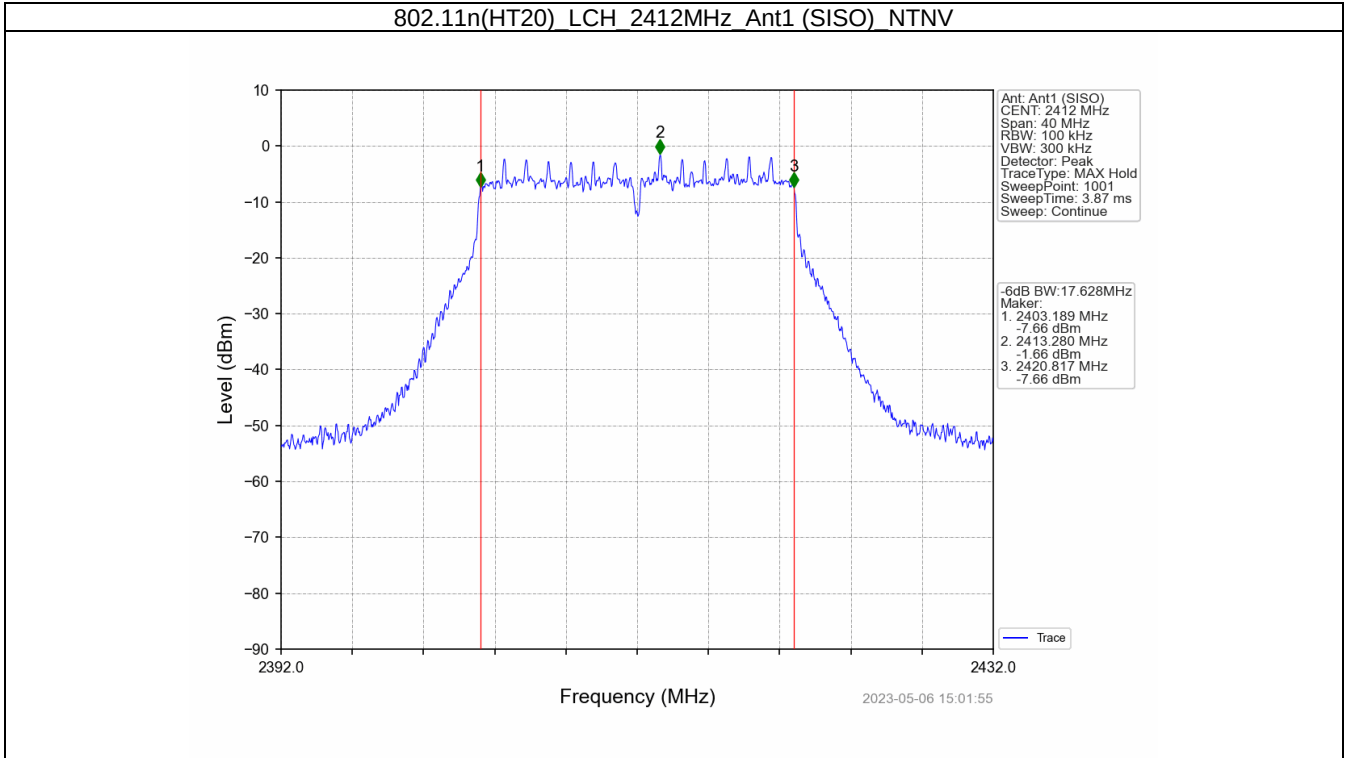


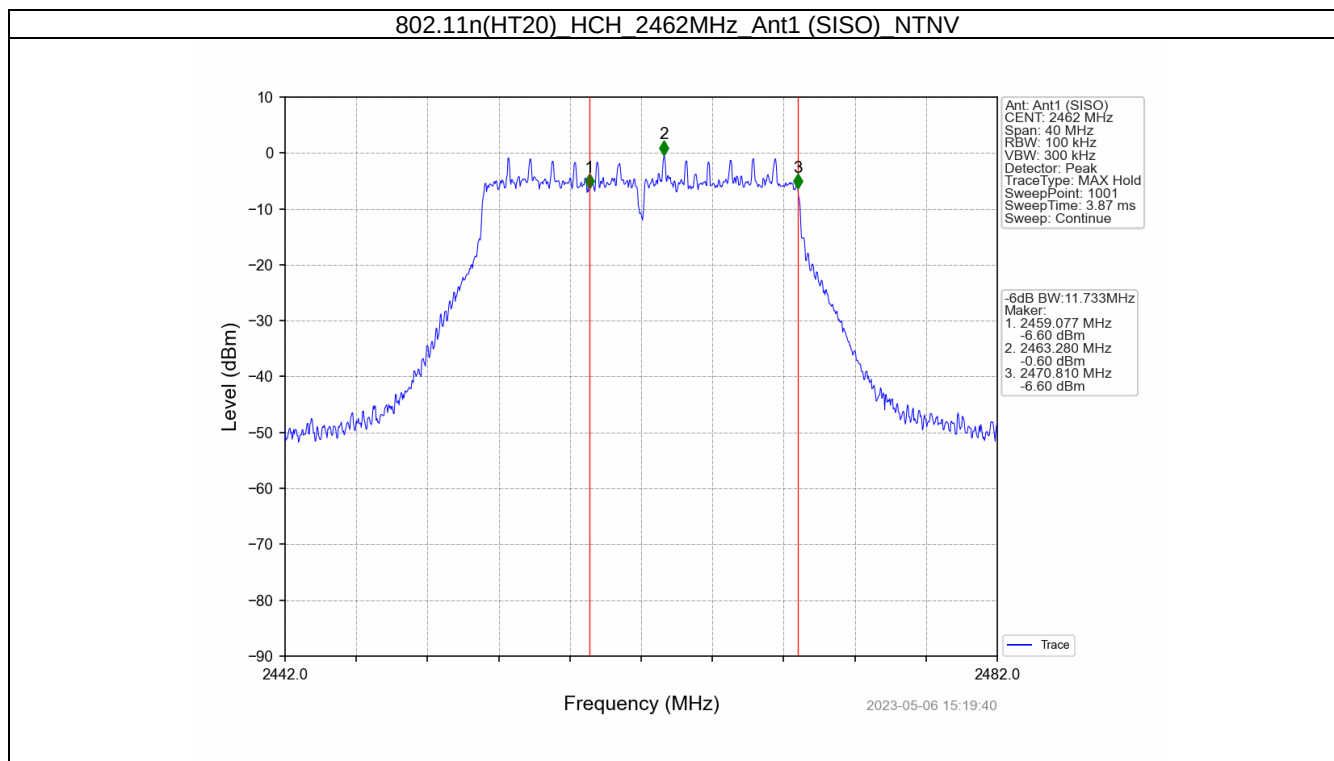
802.11g MCH 2437MHz Ant1 (SISO) NTN



802.11g HCH 2462MHz Ant1 (SISO) NTN







2. Maximum Conducted Output Power

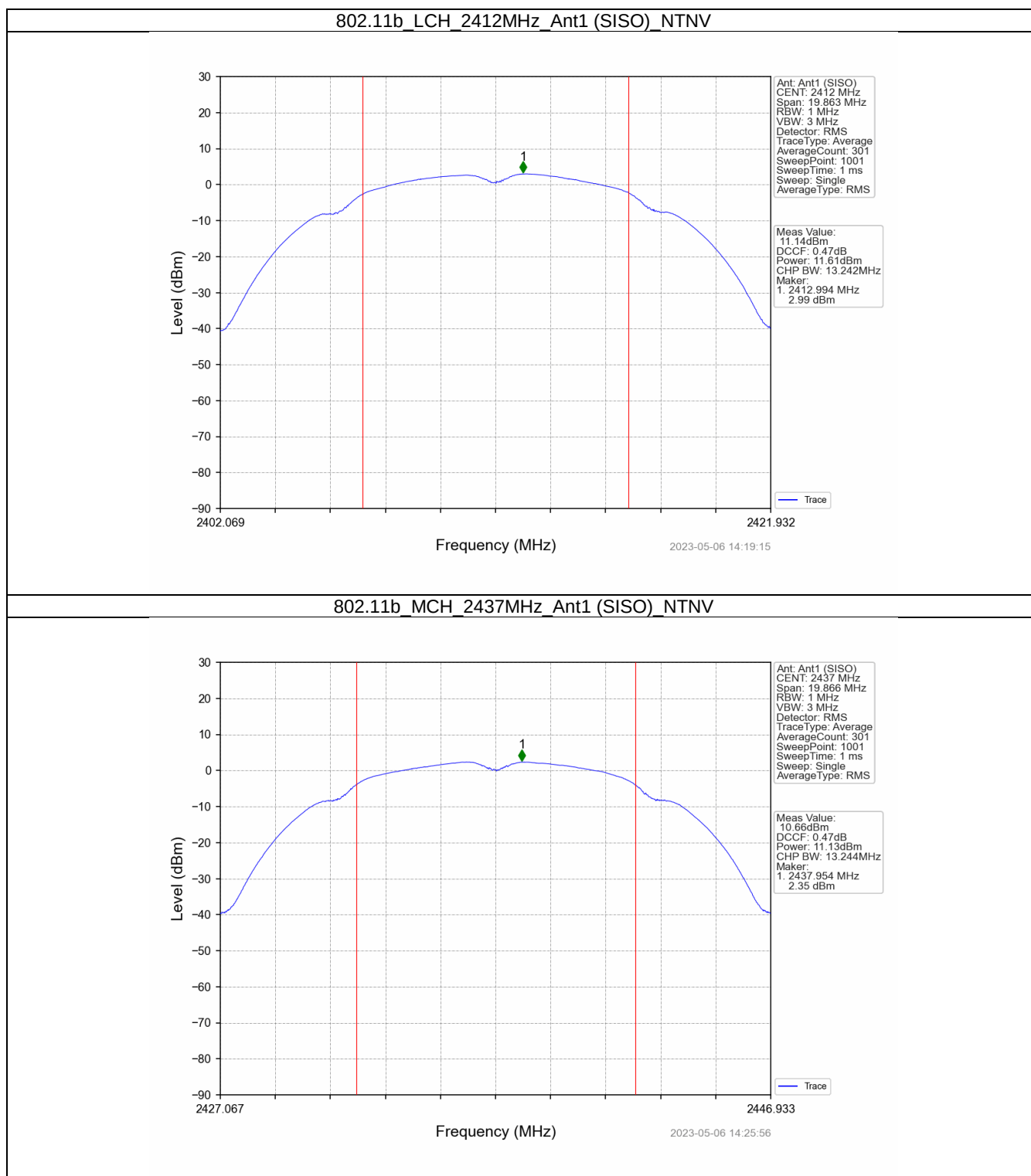
2.1 Power

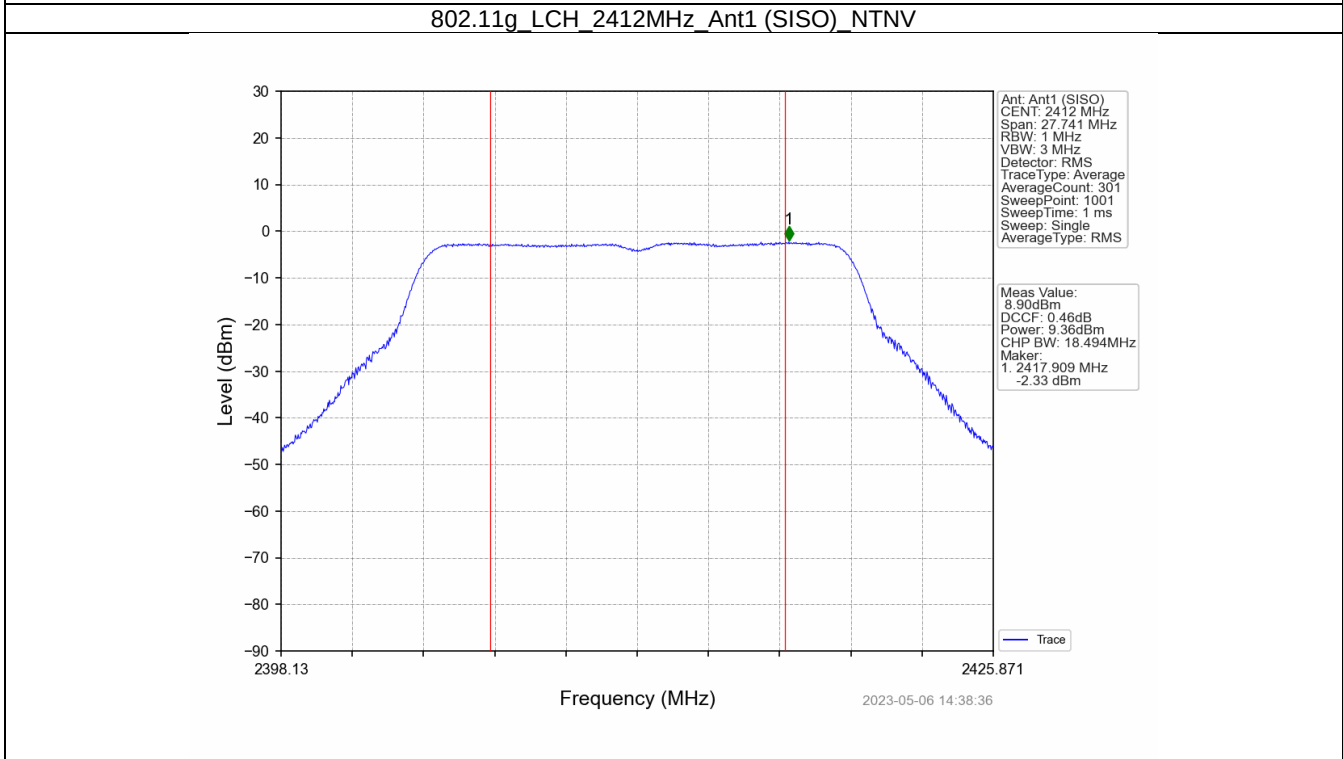
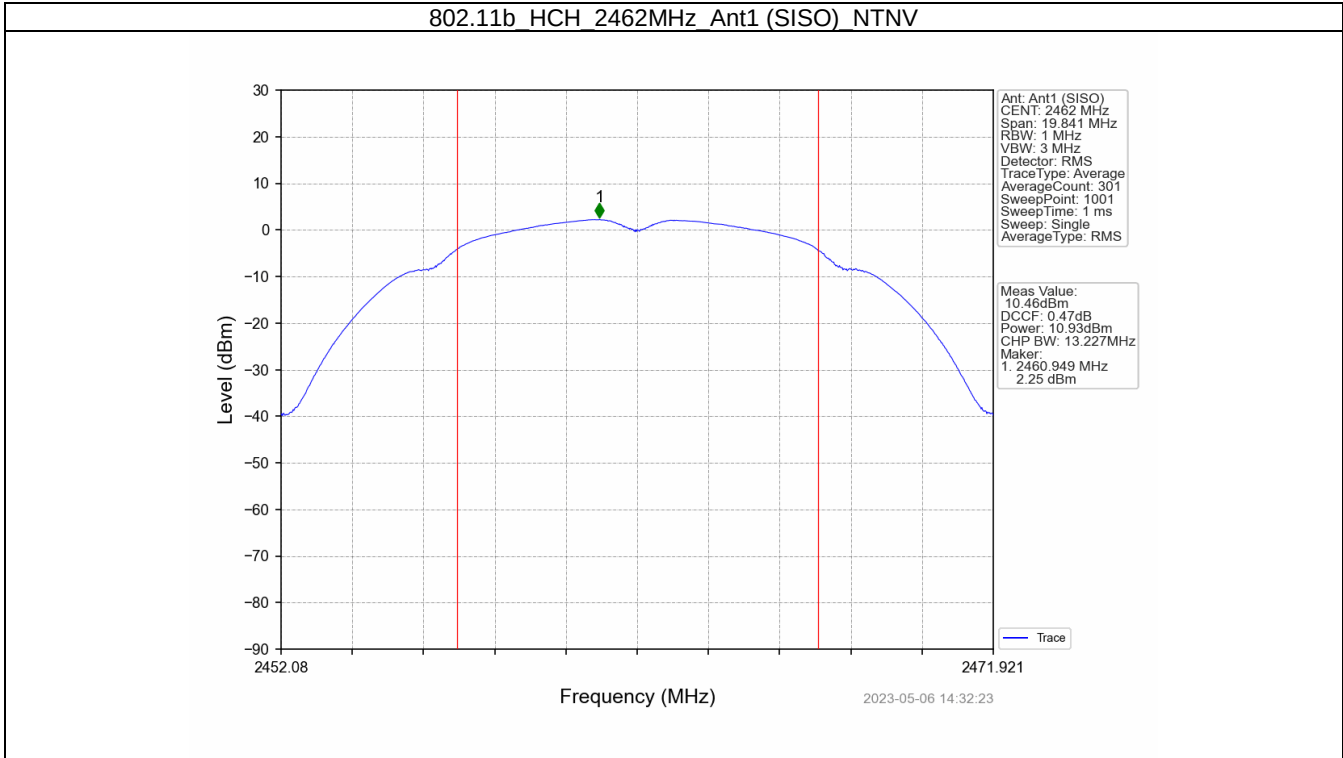
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	11.61	<=30	Pass
		2437	11.13	<=30	Pass
		2462	10.93	<=30	Pass
802.11g	SISO	2412	9.36	<=30	Pass
		2437	9.31	<=30	Pass
		2462	9.16	<=30	Pass
802.11n (HT20)	SISO	2412	9.41	<=30	Pass
		2437	9.31	<=30	Pass
		2462	10.43	<=30	Pass

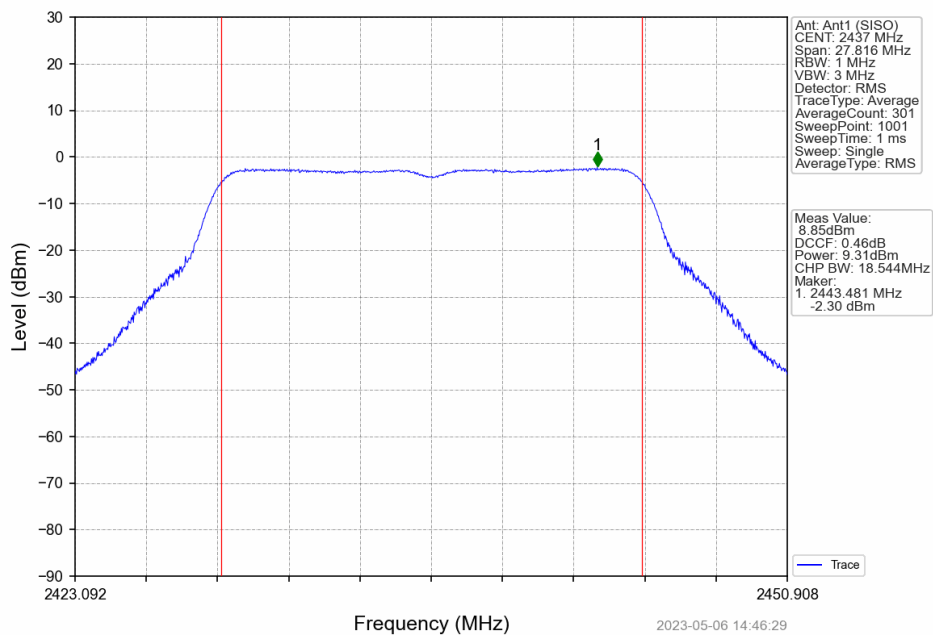
Note1: Antenna Gain: Ant1: 3.00dBi;

2.1.2 Test Graph

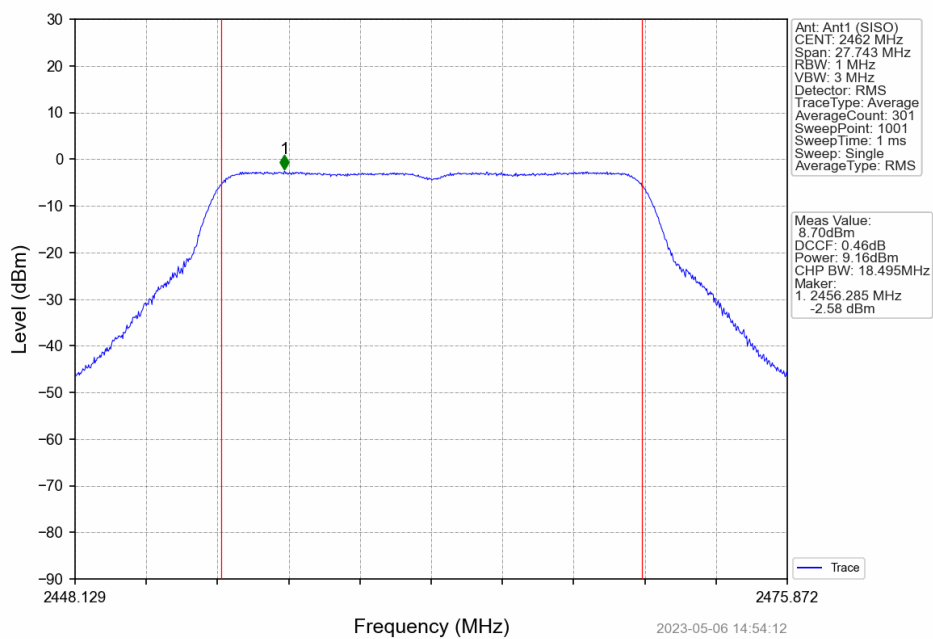




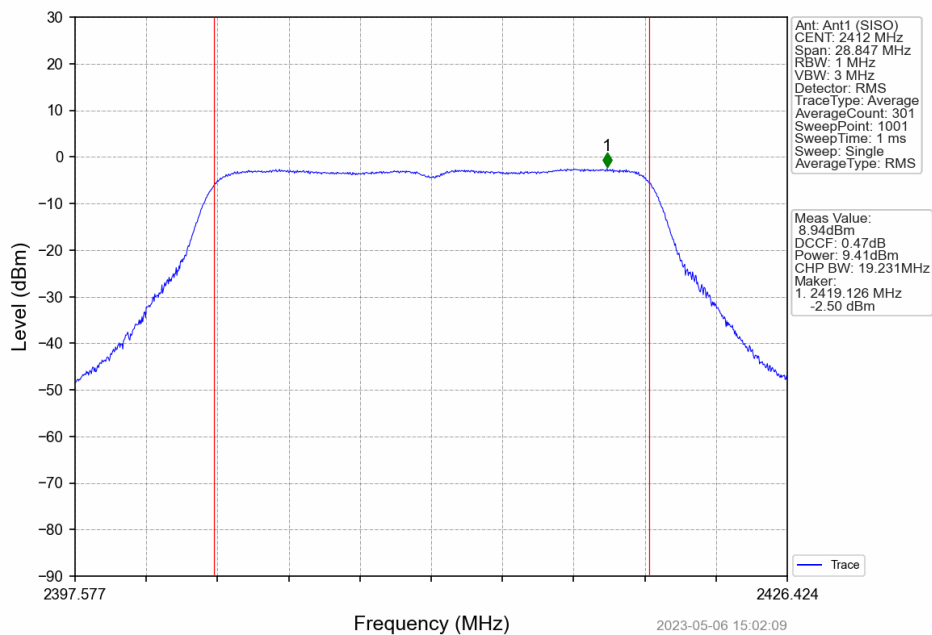
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



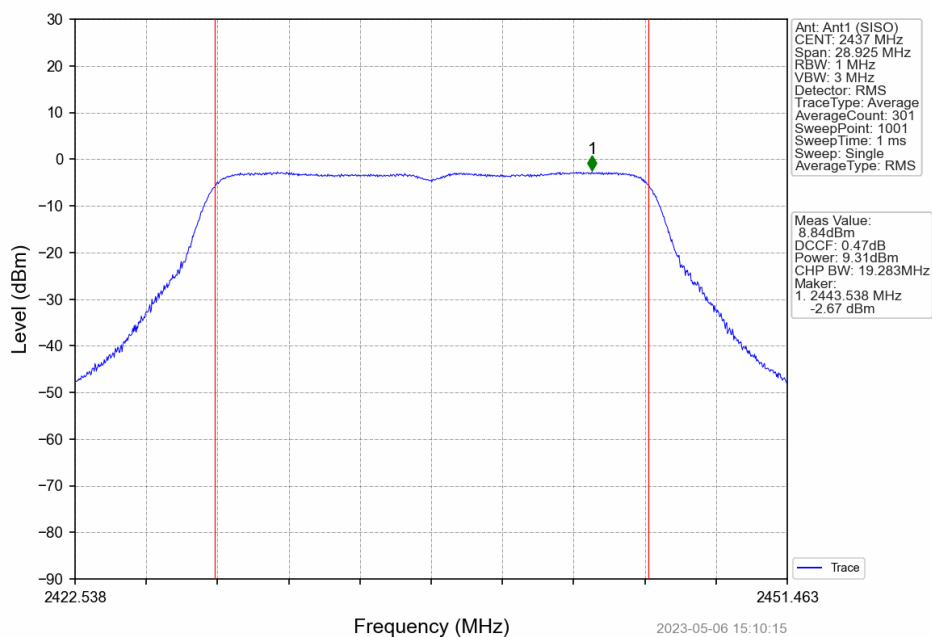
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

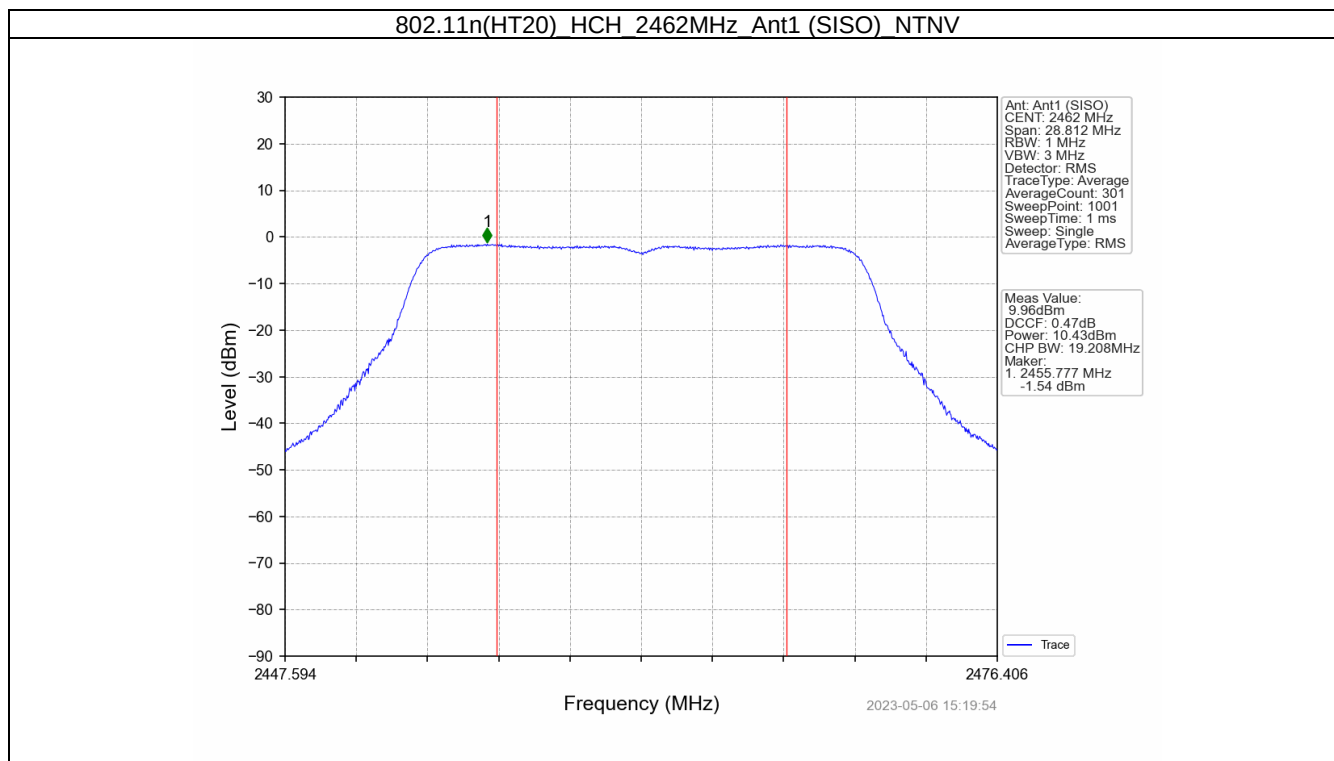


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV





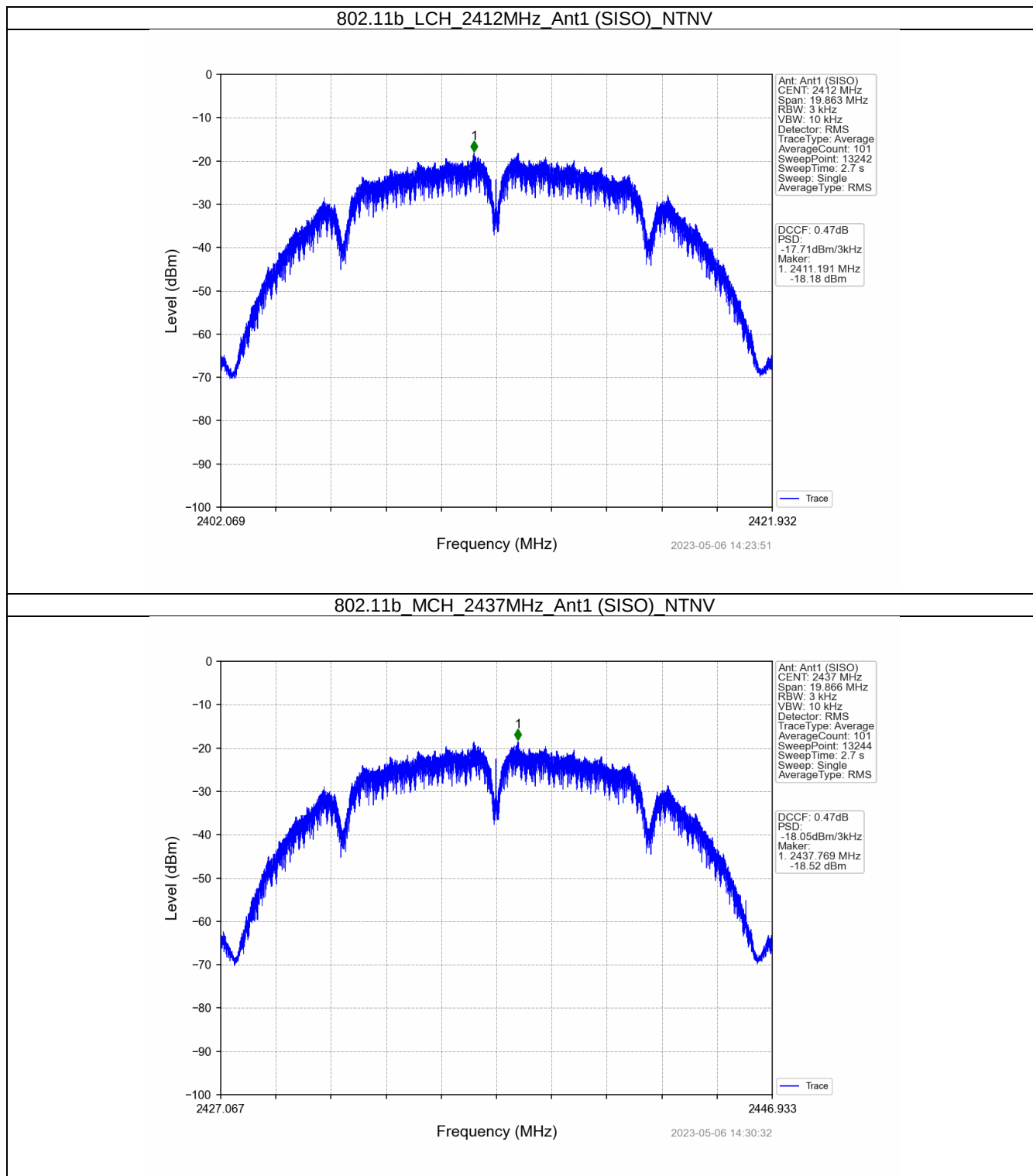
3. Maximum Power Spectral Density

3.1 PSD

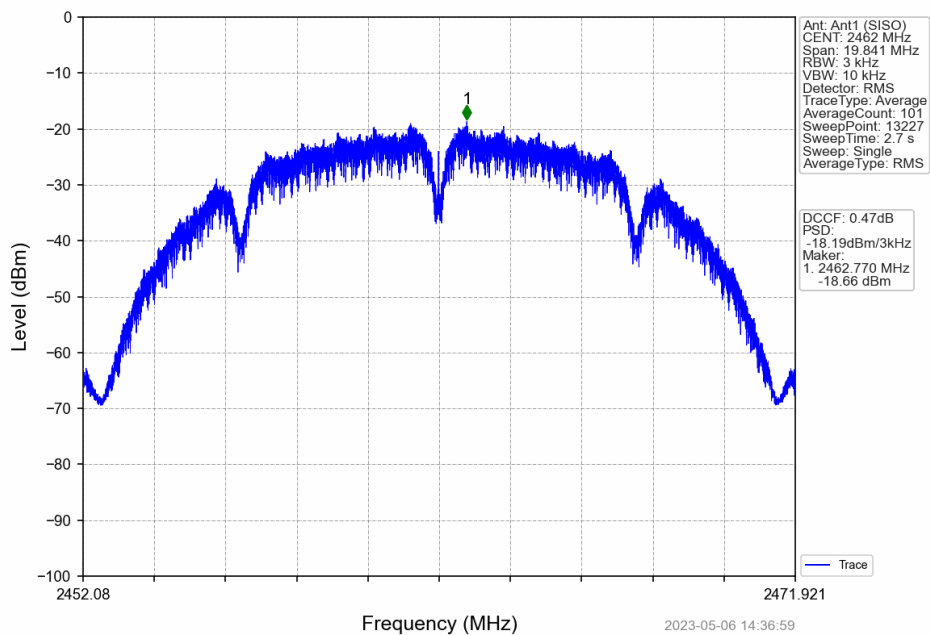
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-17.71	<=8	Pass
		2437	-18.05	<=8	Pass
		2462	-18.19	<=8	Pass
802.11g	SISO	2412	-20.21	<=8	Pass
		2437	-20.09	<=8	Pass
		2462	-20.57	<=8	Pass
802.11n (HT20)	SISO	2412	-20.18	<=8	Pass
		2437	-20.40	<=8	Pass
		2462	-18.99	<=8	Pass
Note1: Antenna Gain: Ant1: 3.00dBi;					

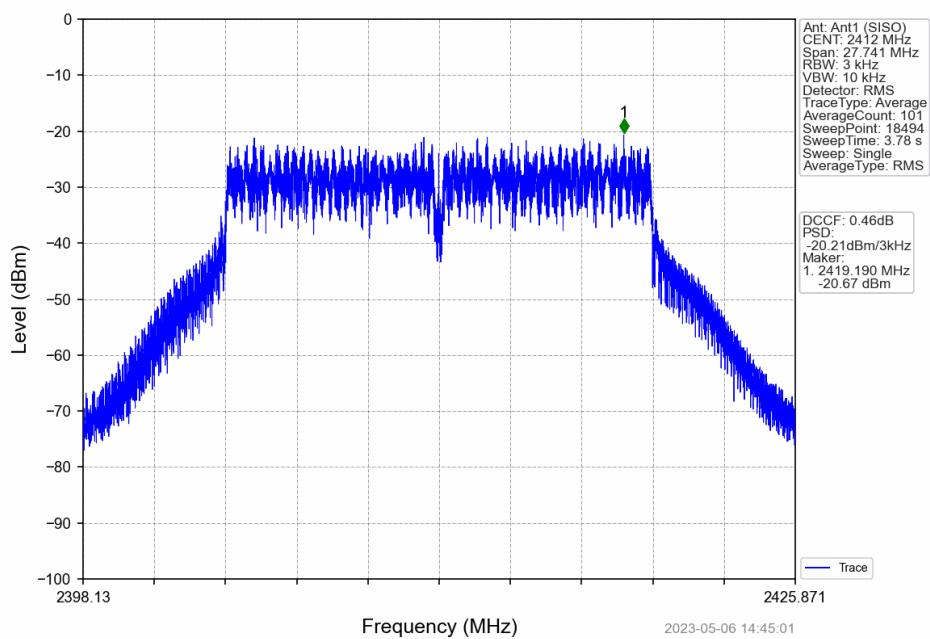
3.1.2 Test Graph



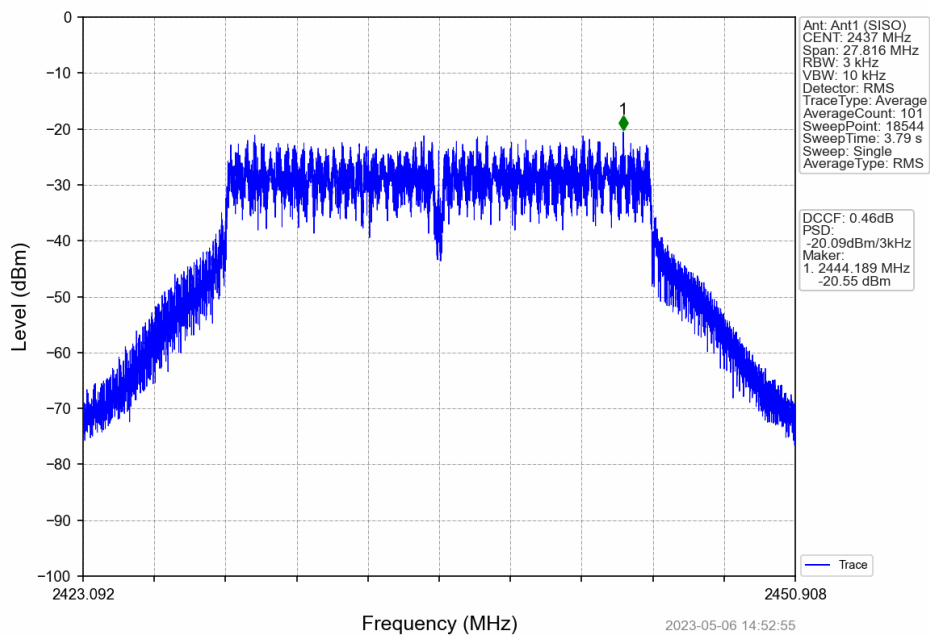
802.11b HCH 2462MHz Ant1 (SISO) NTN



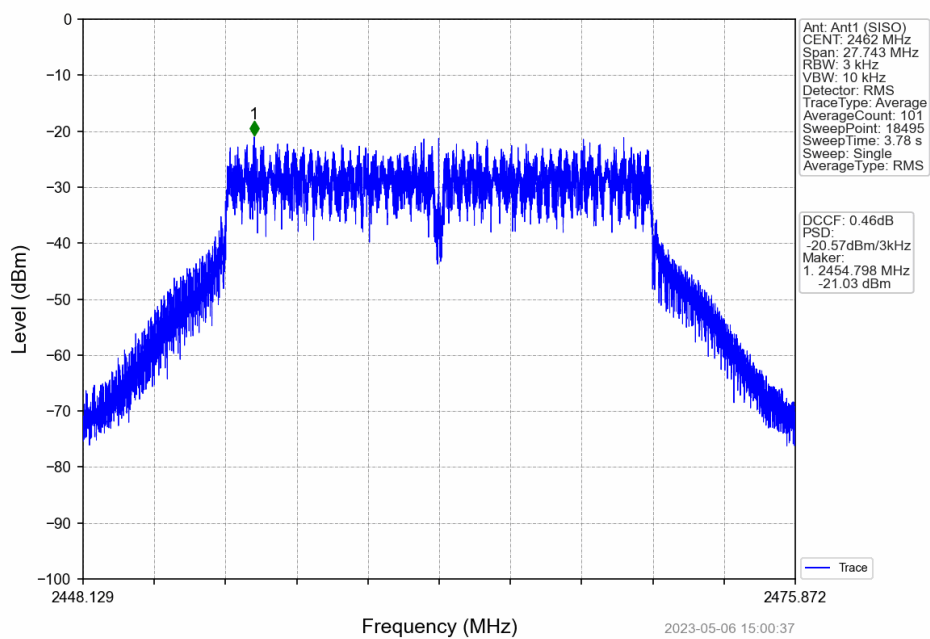
802.11g LCH 2412MHz Ant1 (SISO) NTN



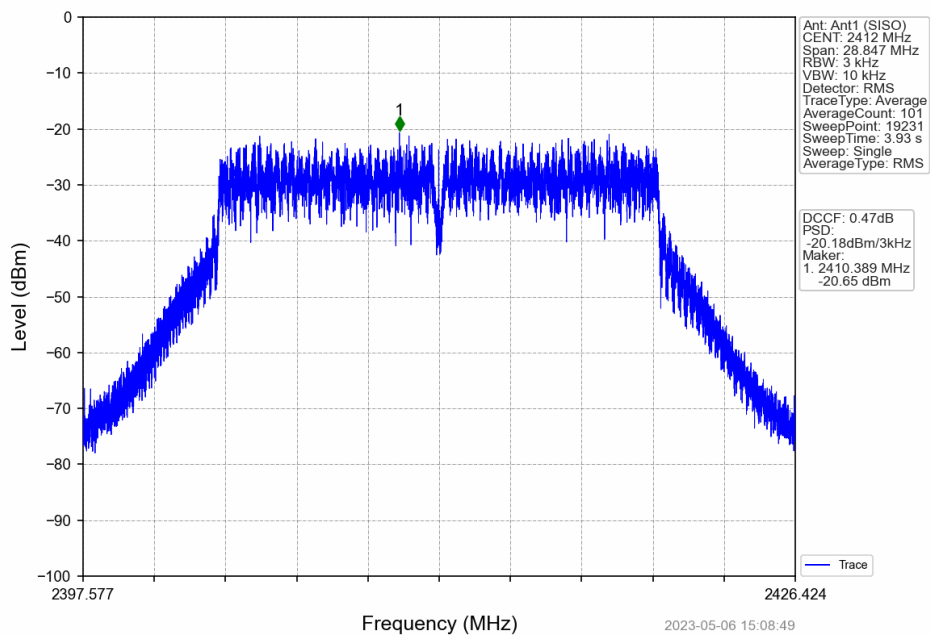
802.11g_MCH_2437MHz_Ant1 (SISO) NTN



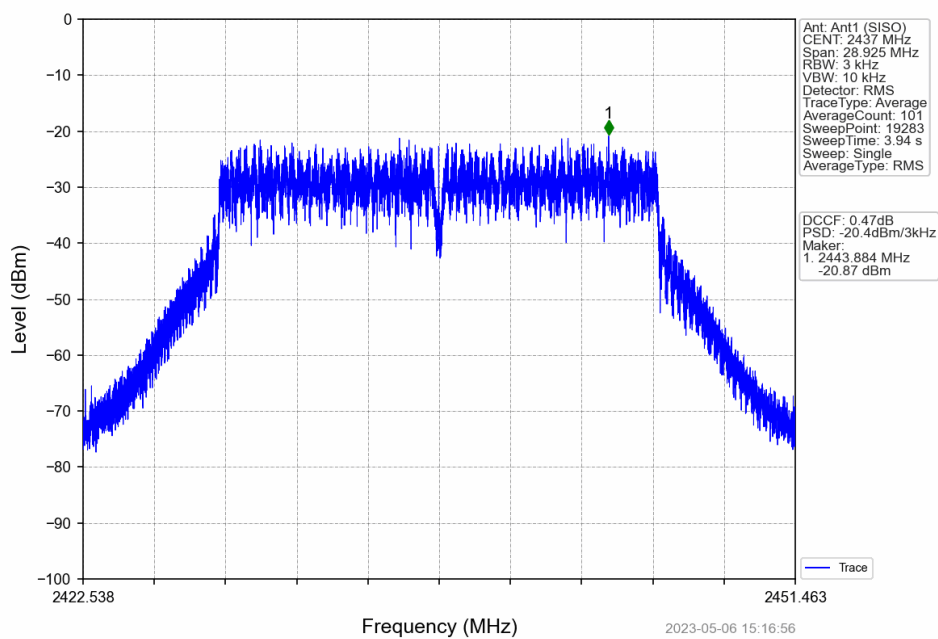
802.11g_HCH_2462MHz_Ant1 (SISO) NTN

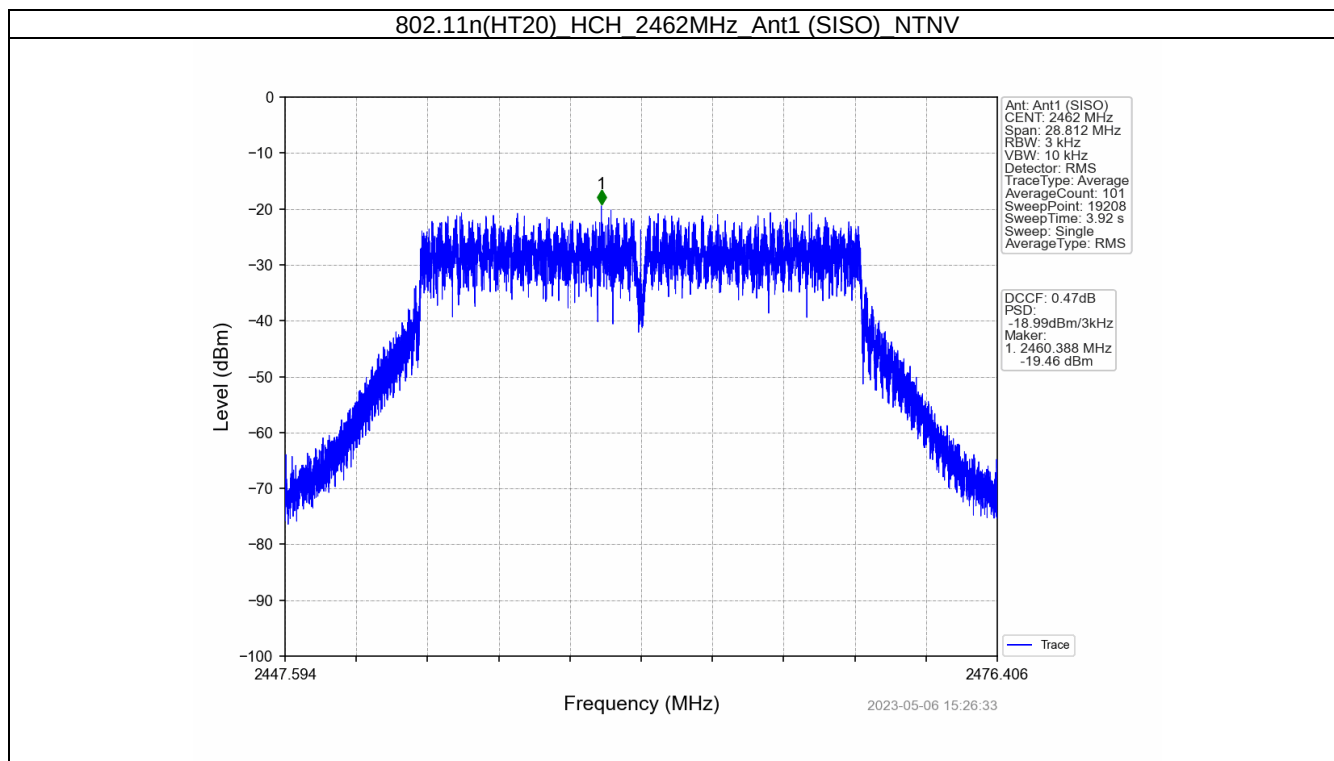


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV



802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV





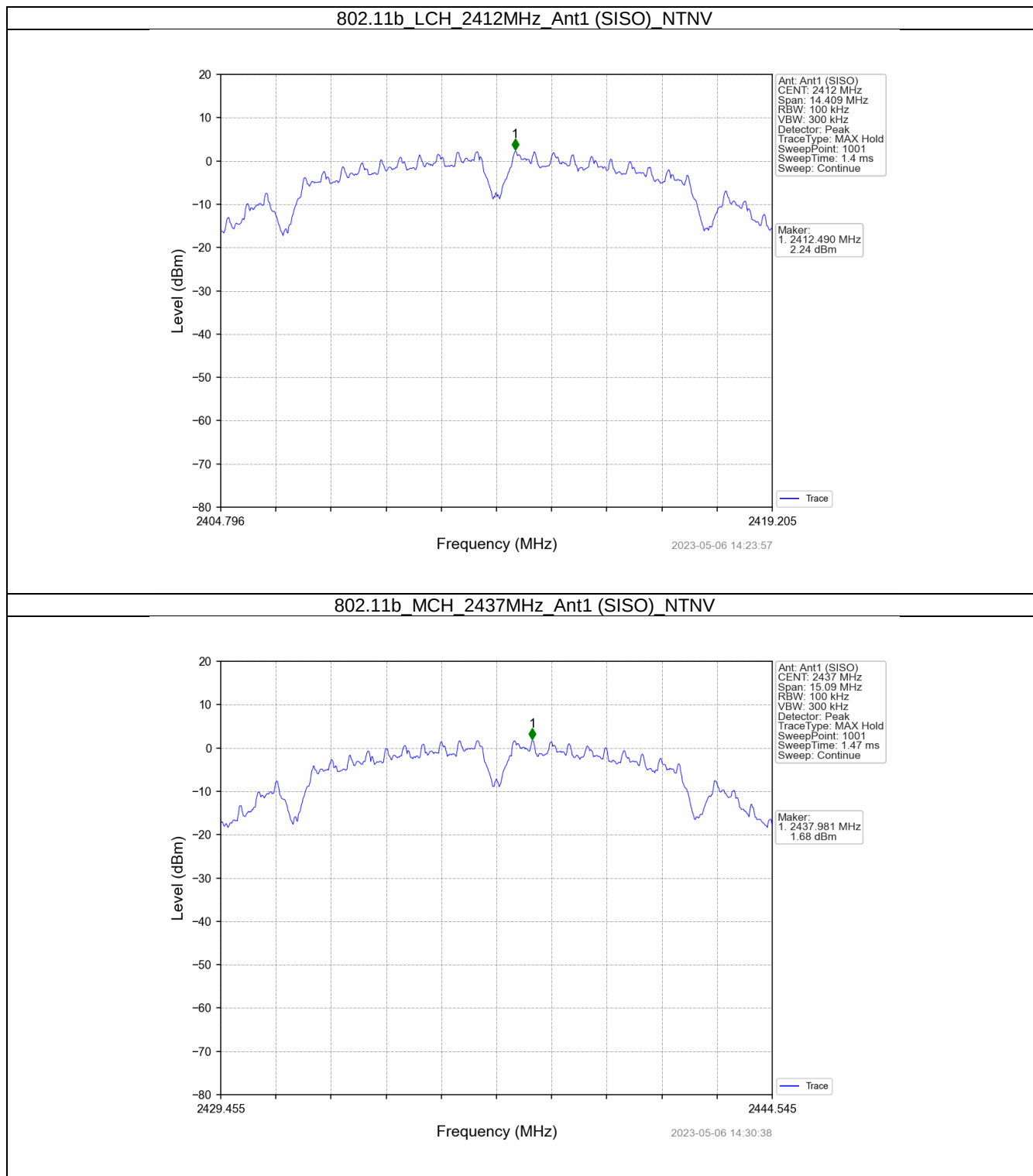
4. Unwanted Emissions In Non-restricted Frequency Bands

4.1 Ref

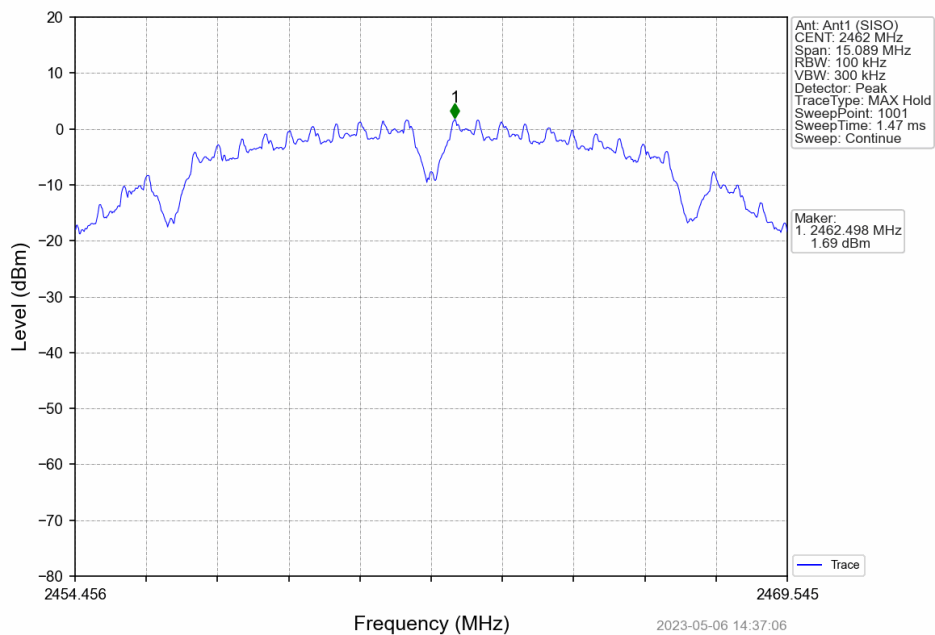
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	2.24
		2437	1	1.68
		2462	1	1.69
802.11g	SISO	2412	1	-1.72
		2437	1	-1.95
		2462	1	-1.94
802.11n (HT20)	SISO	2412	1	-1.71
		2437	1	-2.03
		2462	1	-0.89
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.				

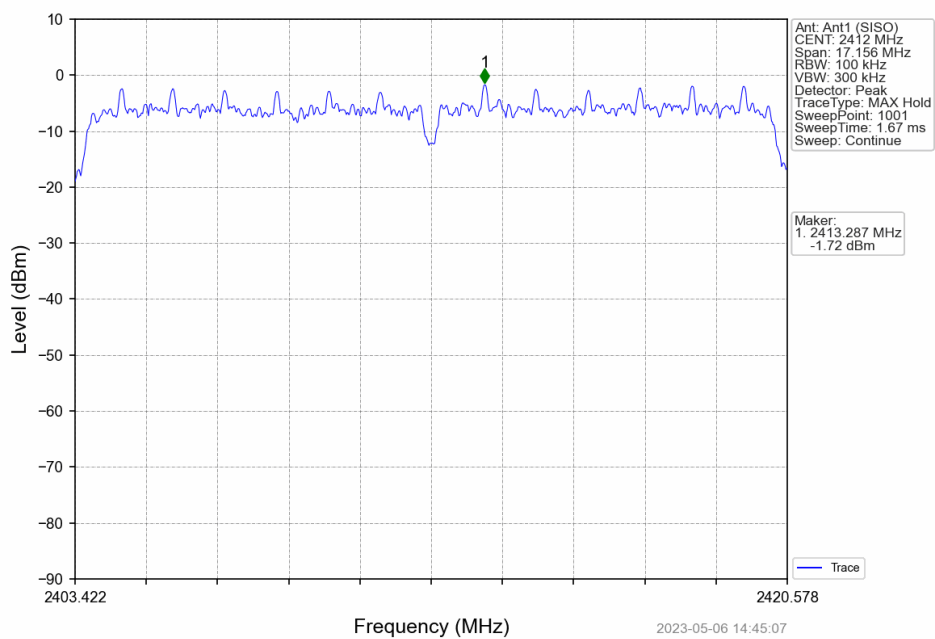
4.1.2 Test Graph



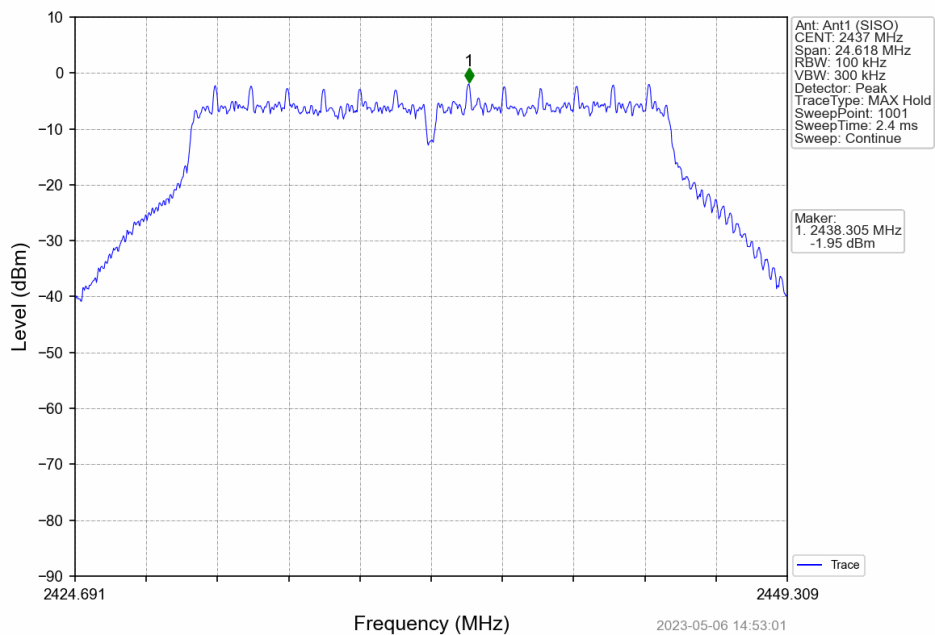
802.11b HCH 2462MHz Ant1 (SISO) NTN



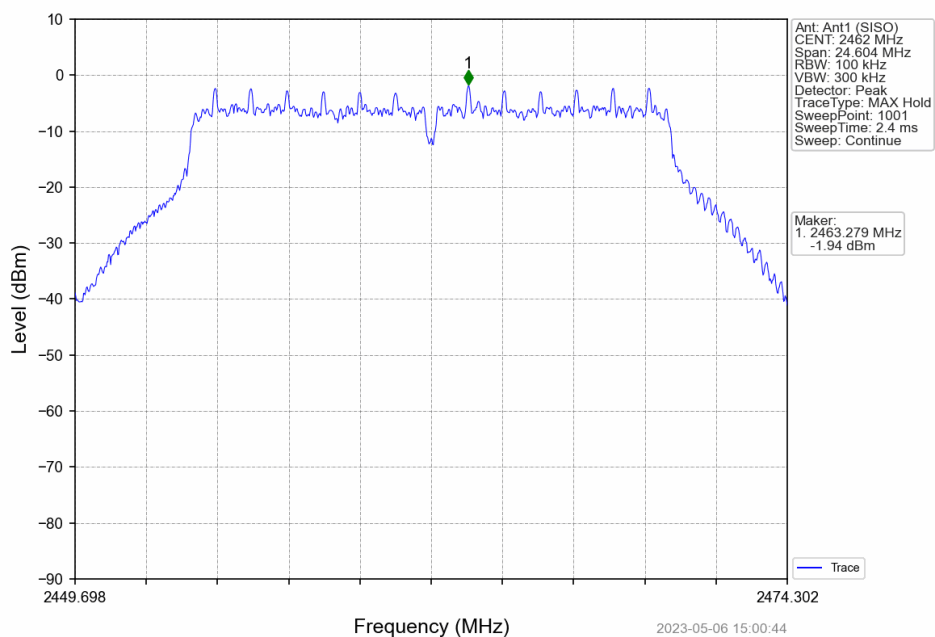
802.11g LCH 2412MHz Ant1 (SISO) NTN



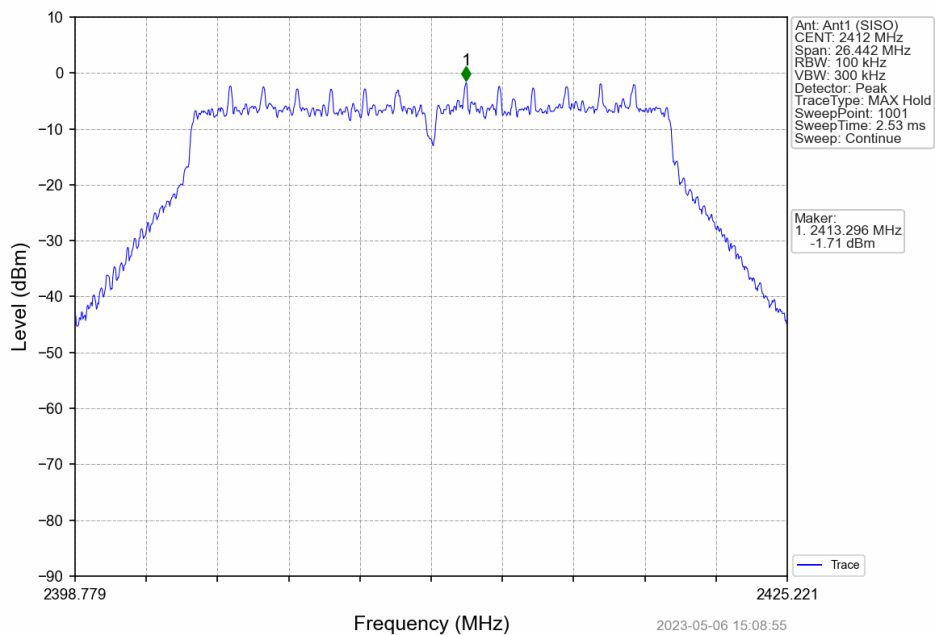
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



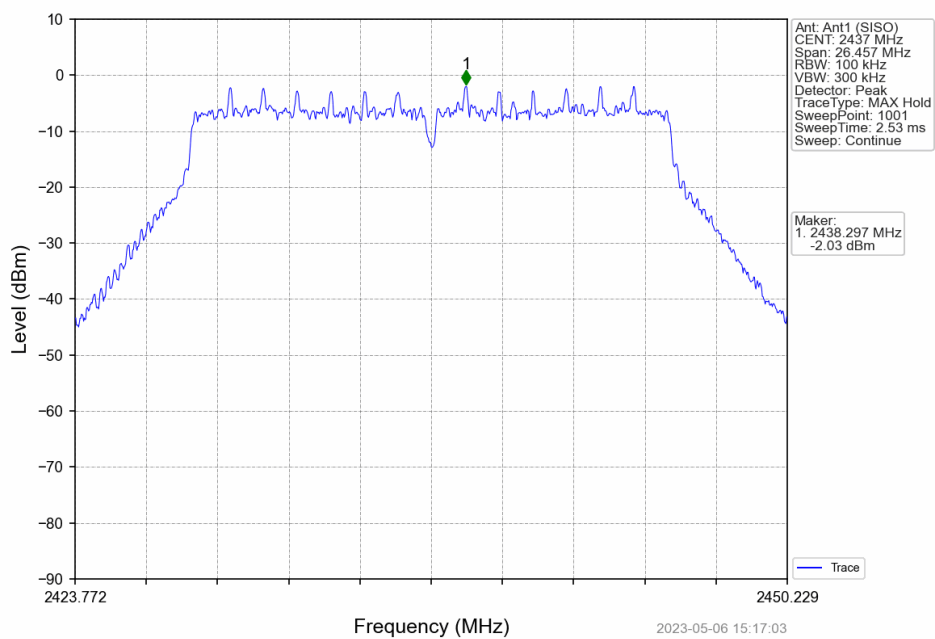
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

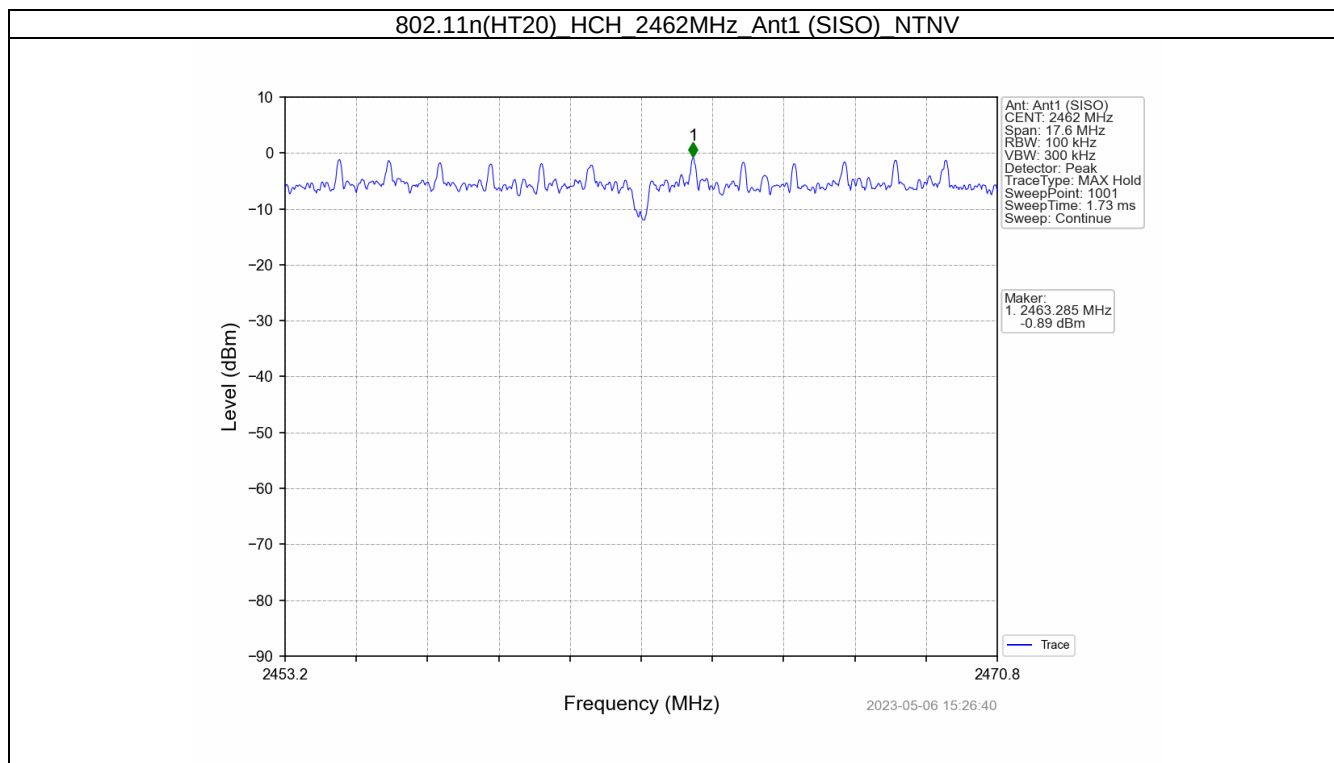


802.11n(HT20) LCH 2412MHz Ant1 (SISO) NTNV

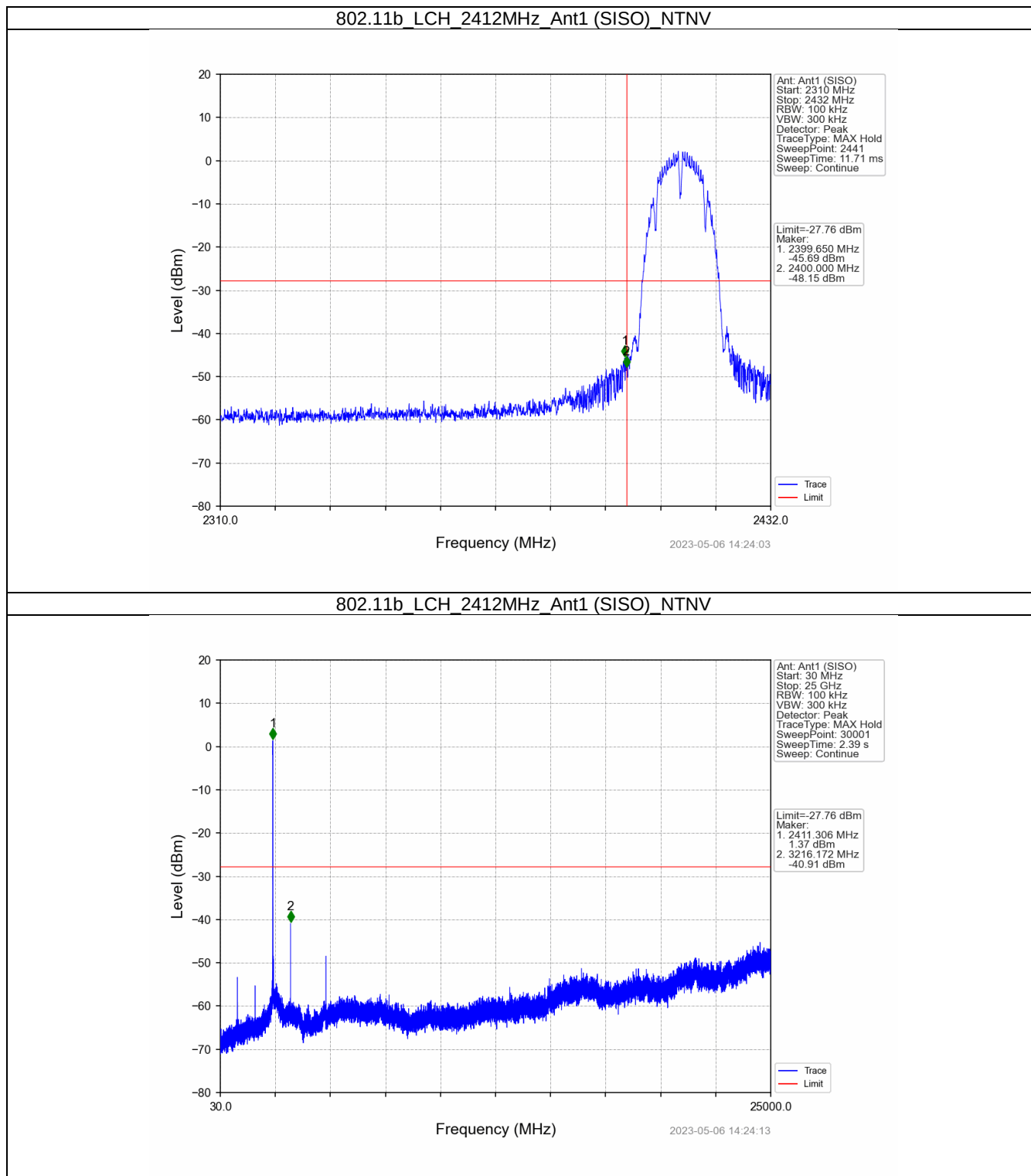


802.11n(HT20) MCH 2437MHz Ant1 (SISO) NTNV

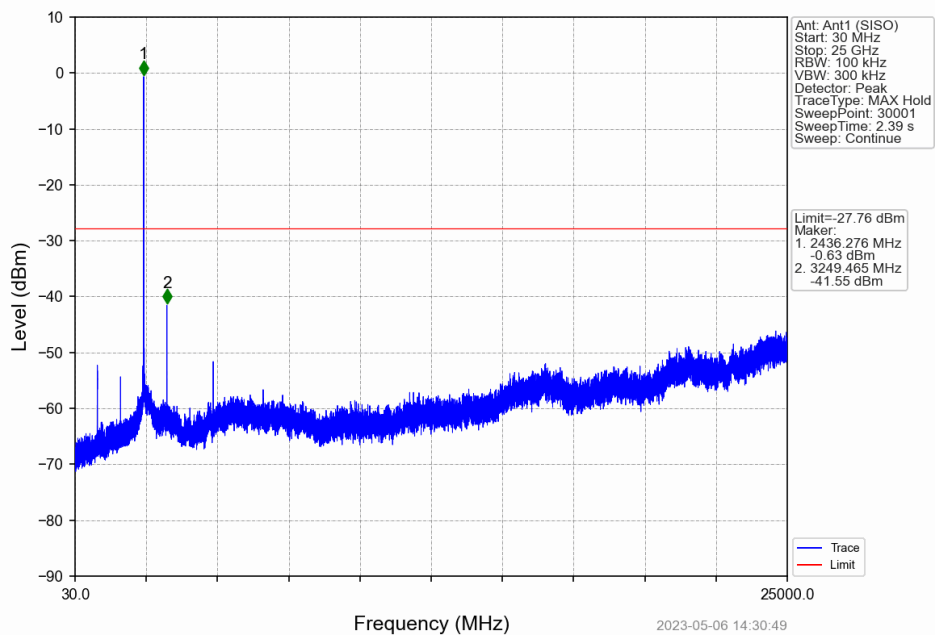




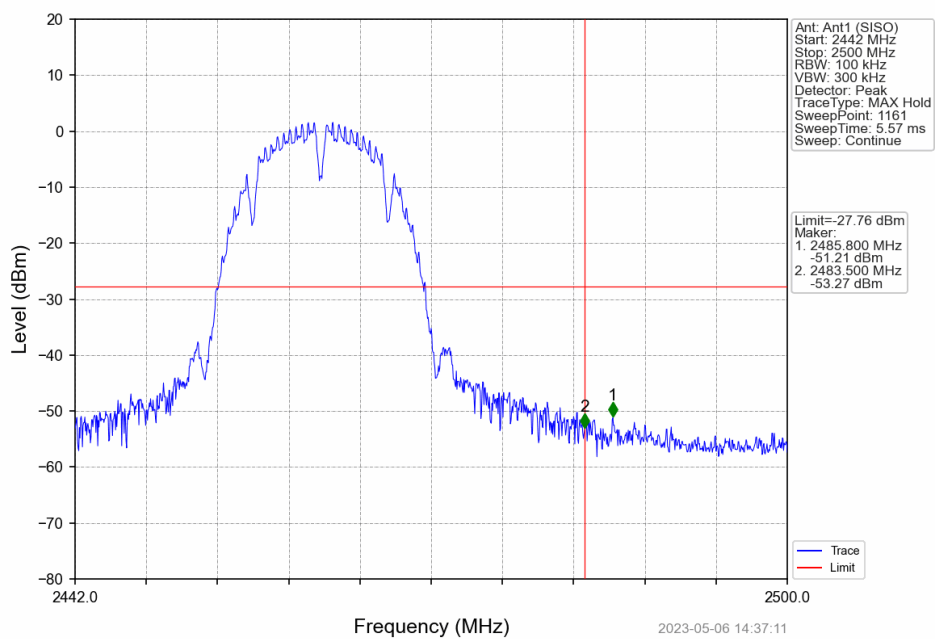
4.2.2 Test Graph



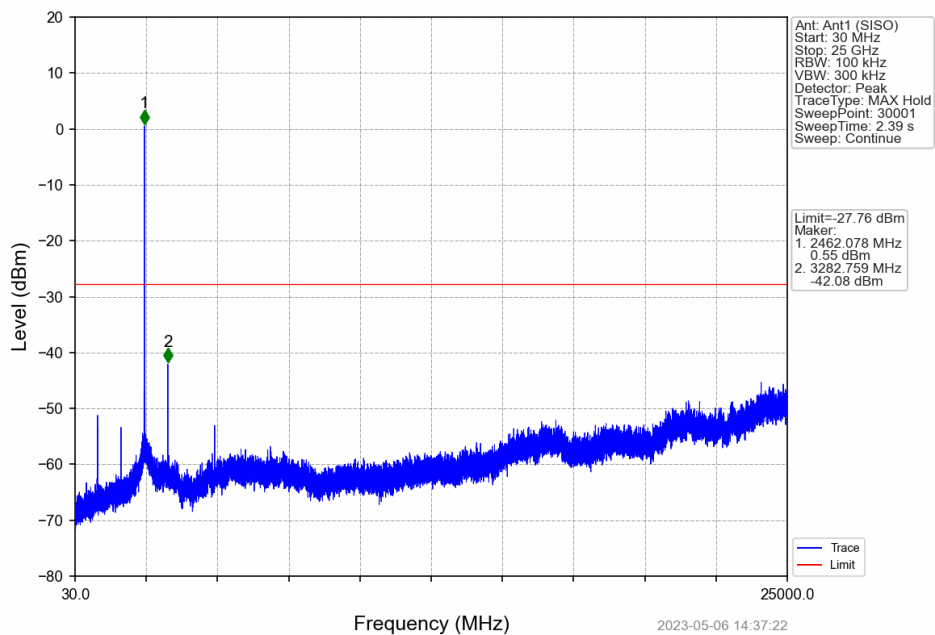
802.11b MCH 2437MHz Ant1 (SISO) NTN



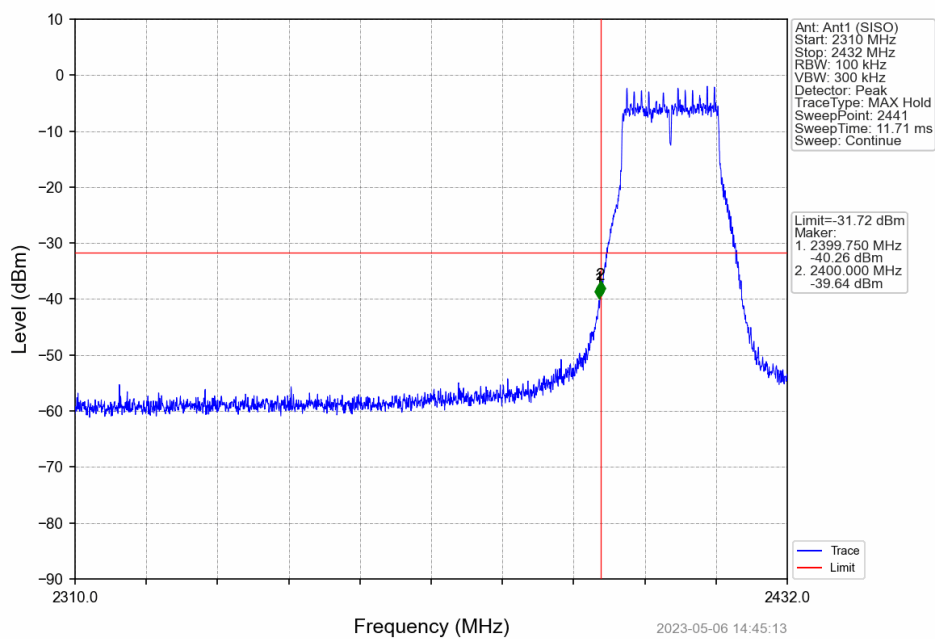
802.11b_HCH_2462MHz_Ant1 (SISO) NTN



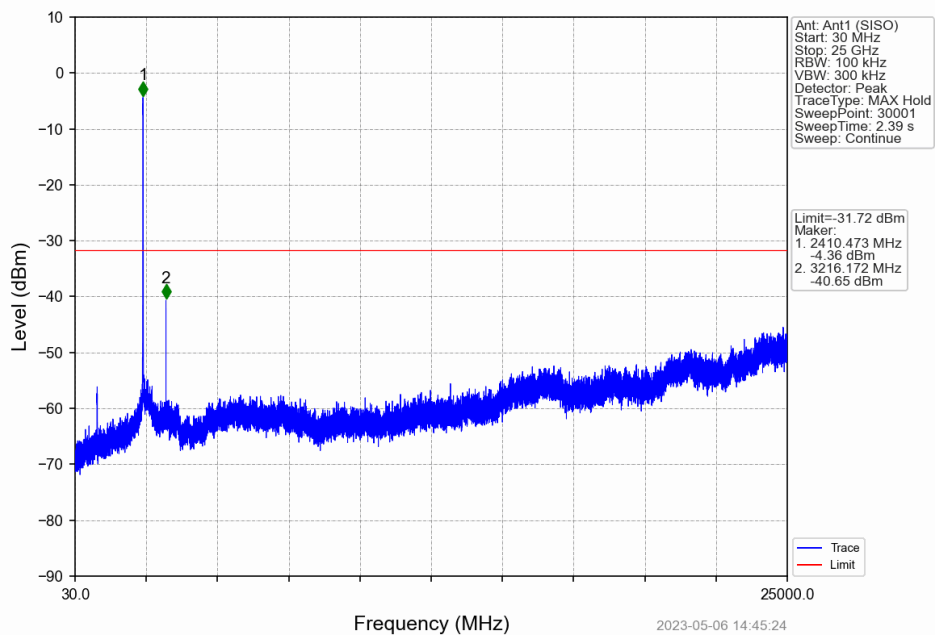
802.11b HCH 2462MHz Ant1 (SISO) NTN



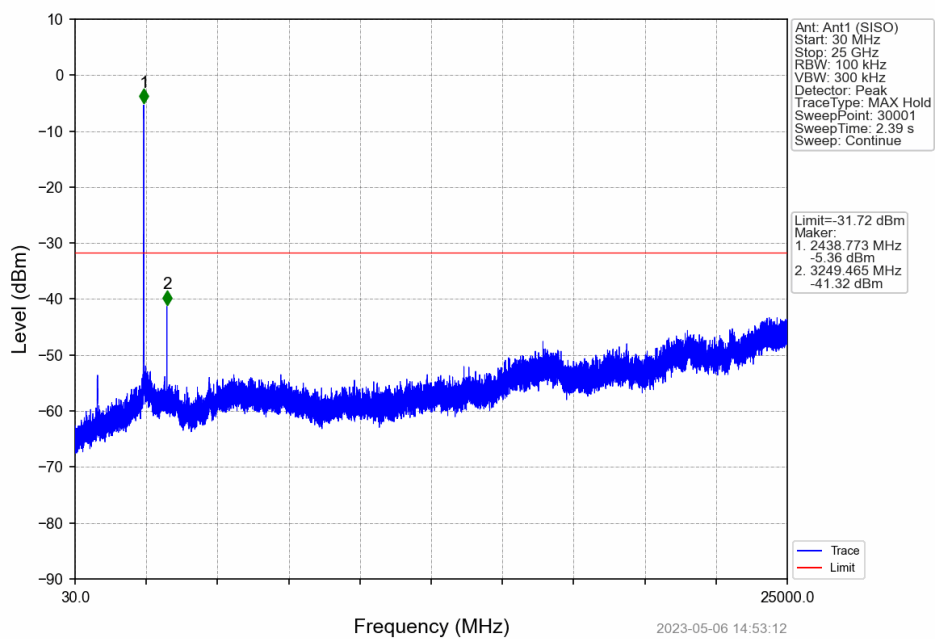
802.11g LCH 2412MHz Ant1 (SISO) NTN

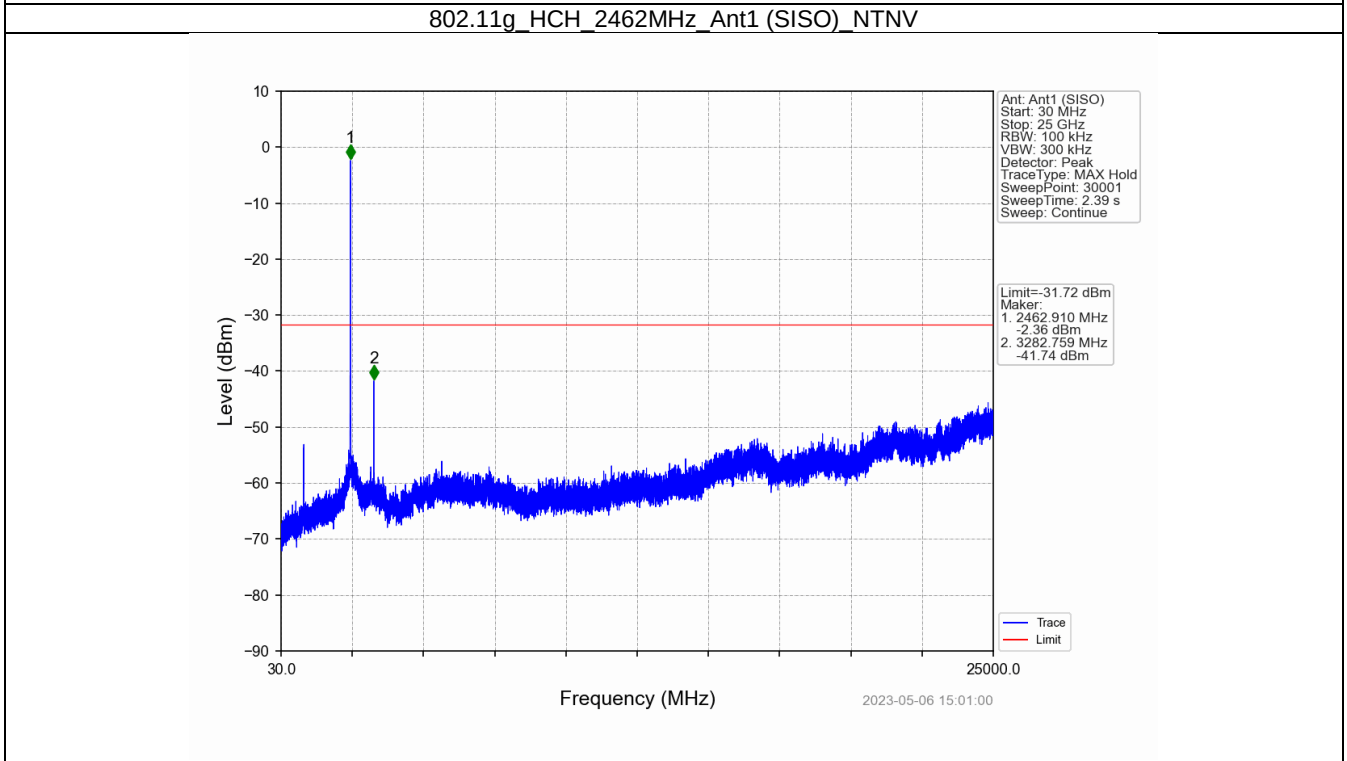
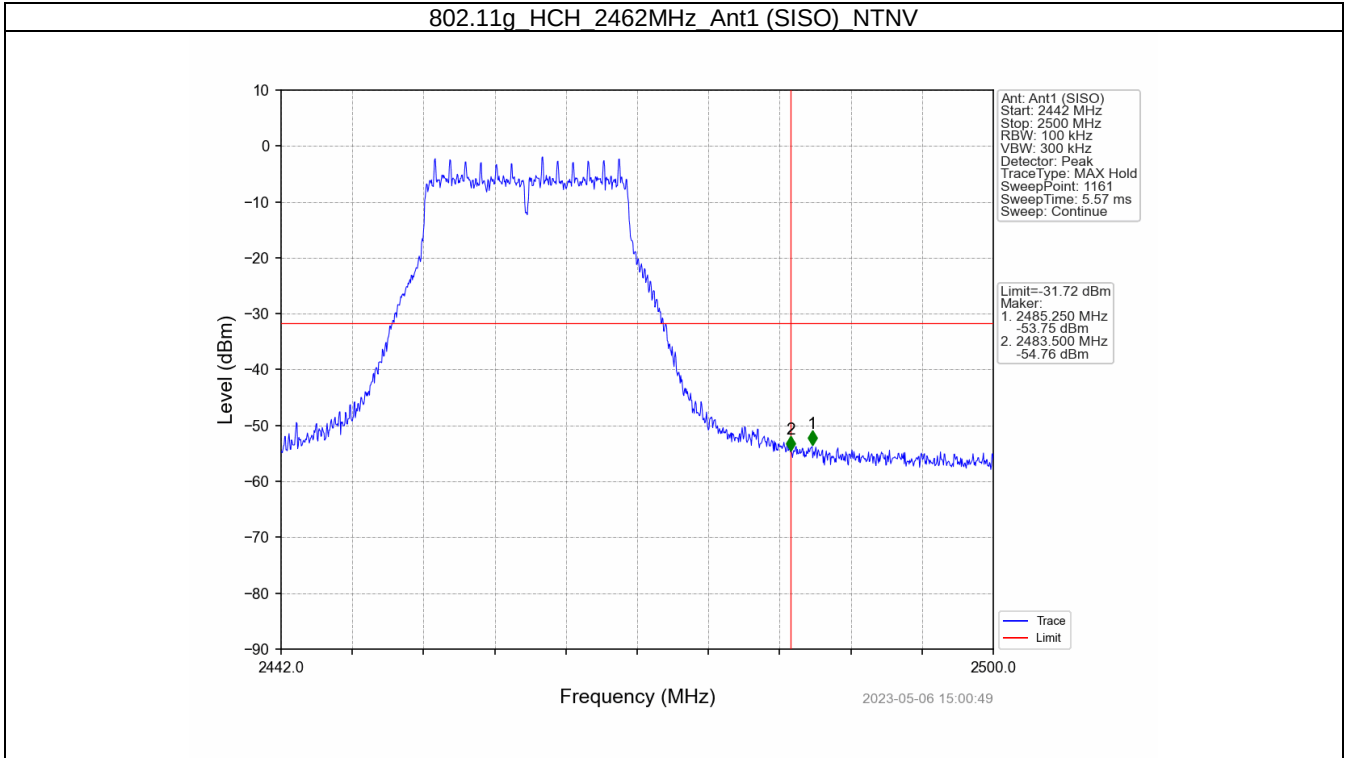


802.11g LCH 2412MHz Ant1 (SISO) NTN

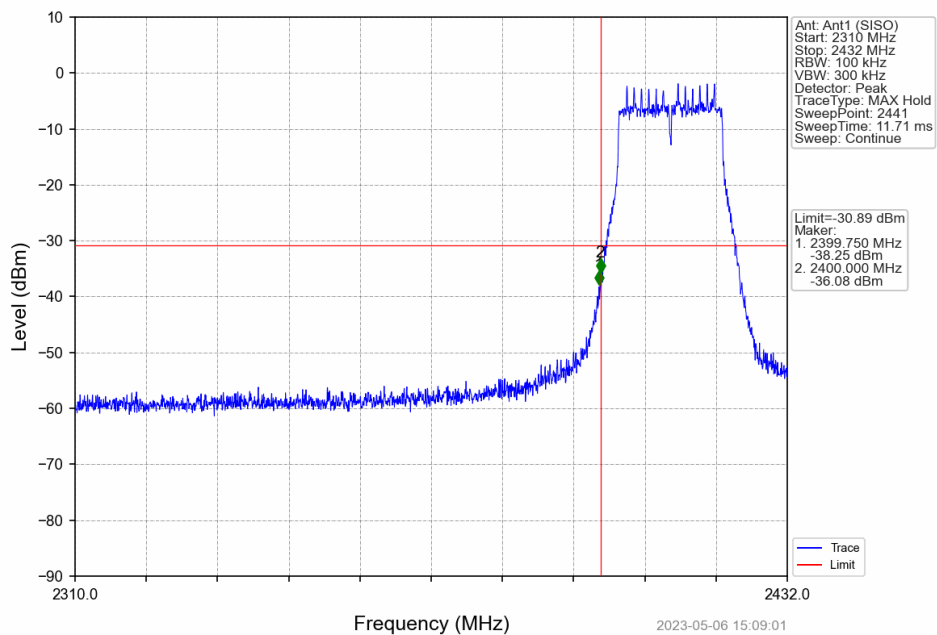


802.11g_MCH_2437MHz_Ant1 (SISO) NTN

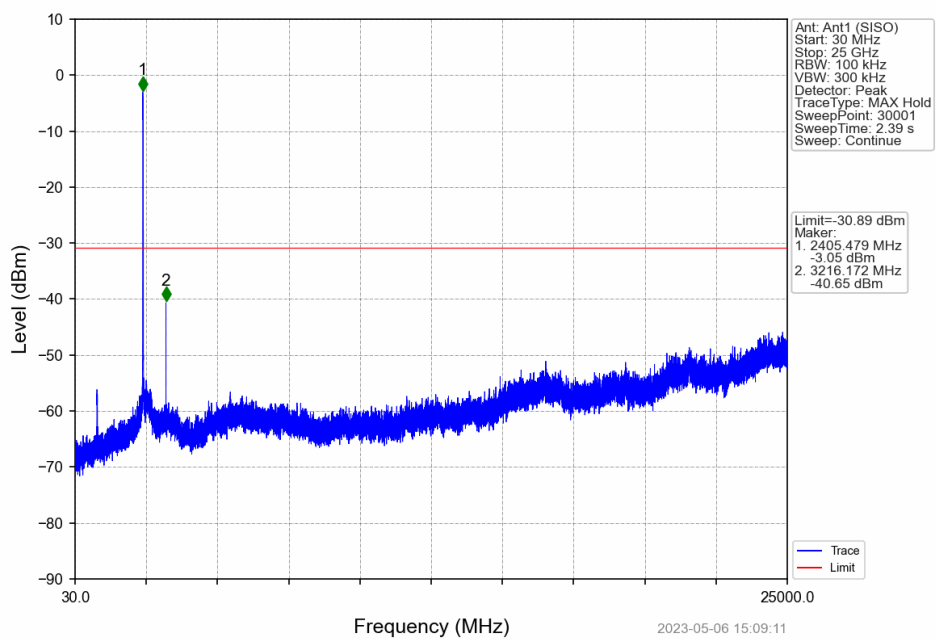




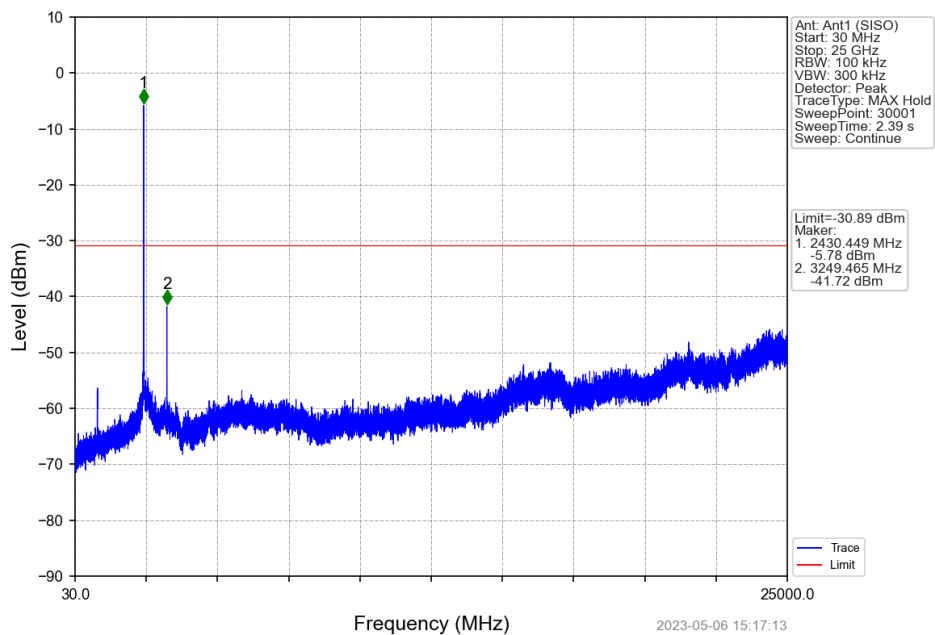
802.11n(HT20) LCH_2412MHz_Ant1 (SISO) _NTNV



802.11n(HT20) LCH_2412MHz_Ant1 (SISO) _NTNV



802.11n(HT20) MCH_2437MHz_Ant1 (SISO) NTNV



802.11n(HT20) HCH_2462MHz_Ant1 (SISO) NTNV

