

1. Bandwidth

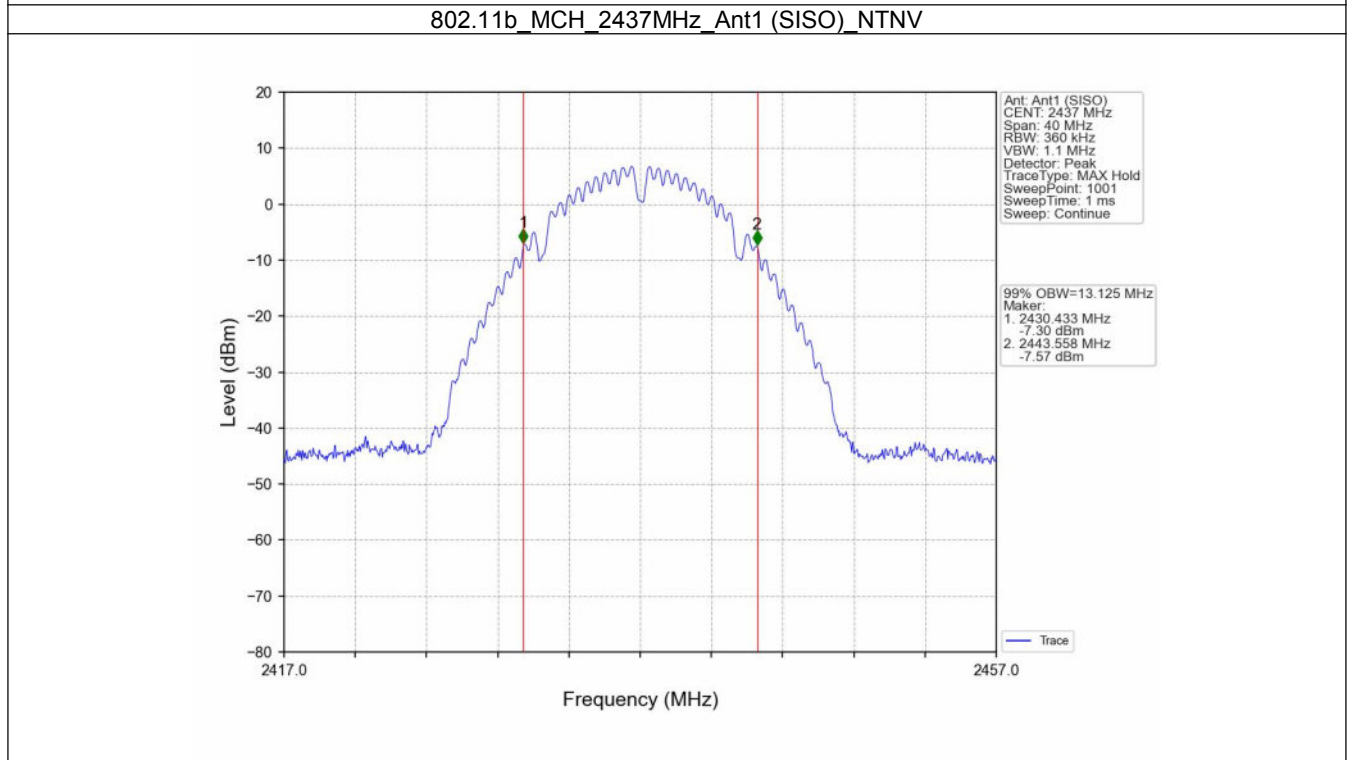
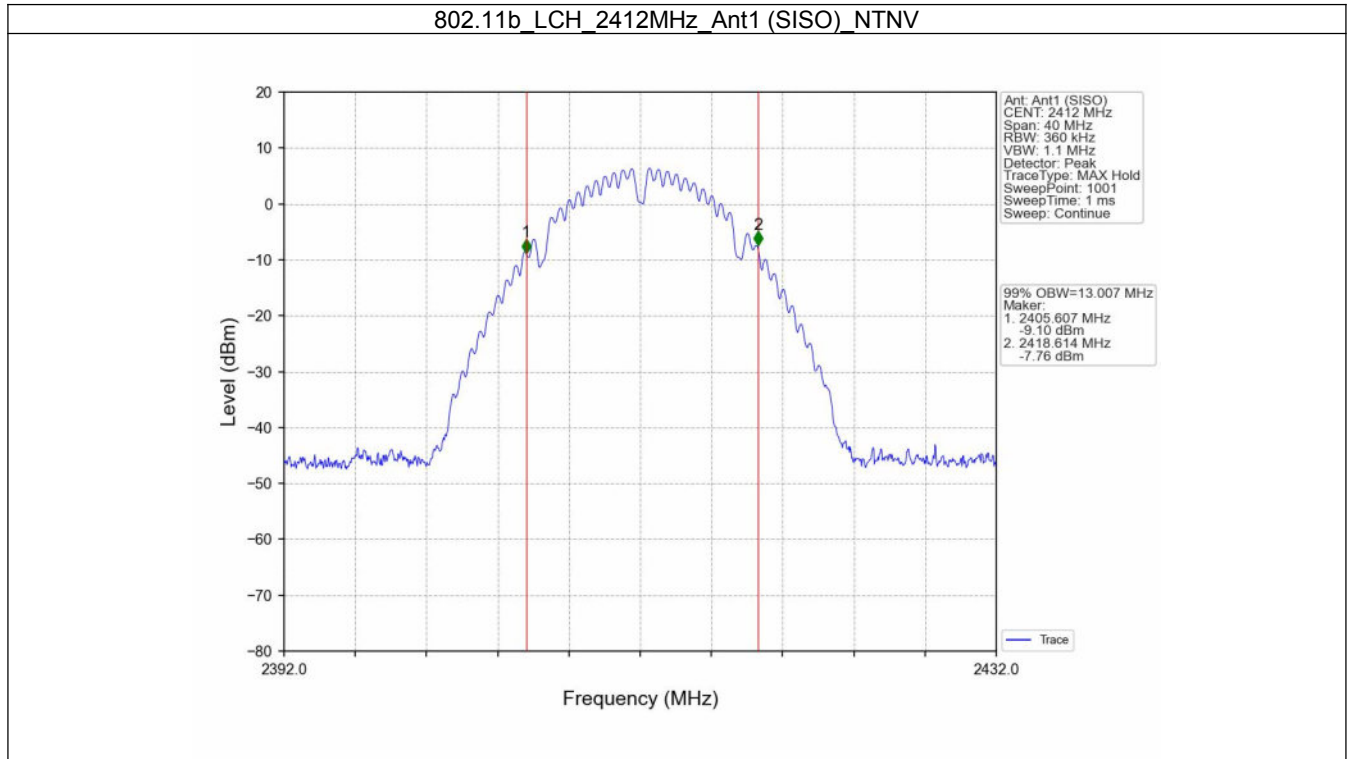
1.1 OBW

1.1.1 Test Result

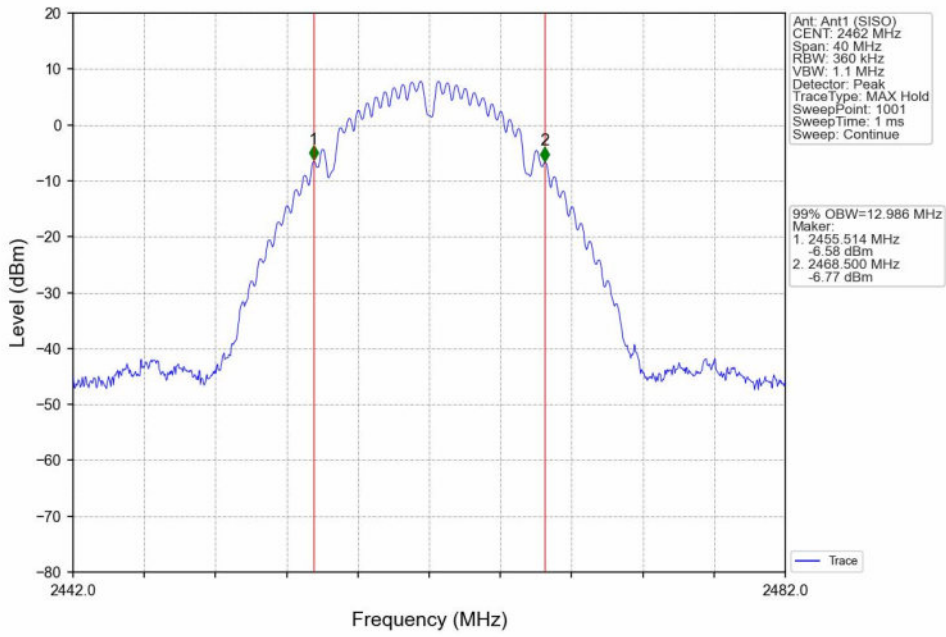
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.007	Pass
		2437	1	13.125	Pass
		2462	1	12.986	Pass
802.11g	SISO	2412	1	16.638	Pass
		2437	1	16.695	Pass
		2462	1	16.604	Pass
802.11n (HT20)	SISO	2412	1	17.516	Pass
		2437	1	17.592	Pass
		2462	1	17.515	Pass
802.11n (HT40)	SISO	2422	1	35.878	Pass
		2437	1	36.234	Pass
		2452	1	36.031	Pass

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	2	13.035	Pass
		2437	2	13.101	Pass
		2462	2	12.969	Pass
802.11g	SISO	2412	2	16.664	Pass
		2437	2	16.675	Pass
		2462	2	16.614	Pass
802.11n (HT20)	SISO	2412	2	17.565	Pass
		2437	2	17.547	Pass
		2462	2	17.489	Pass
802.11n (HT40)	SISO	2422	2	35.876	Pass
		2437	2	36.160	Pass
		2452	2	36.087	Pass

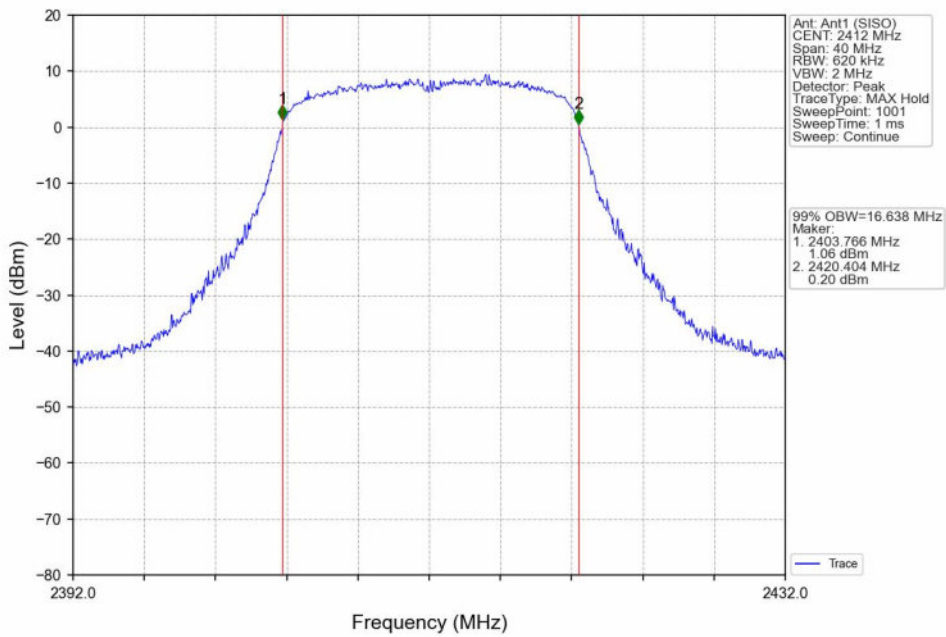
1.1.2 Test Graph



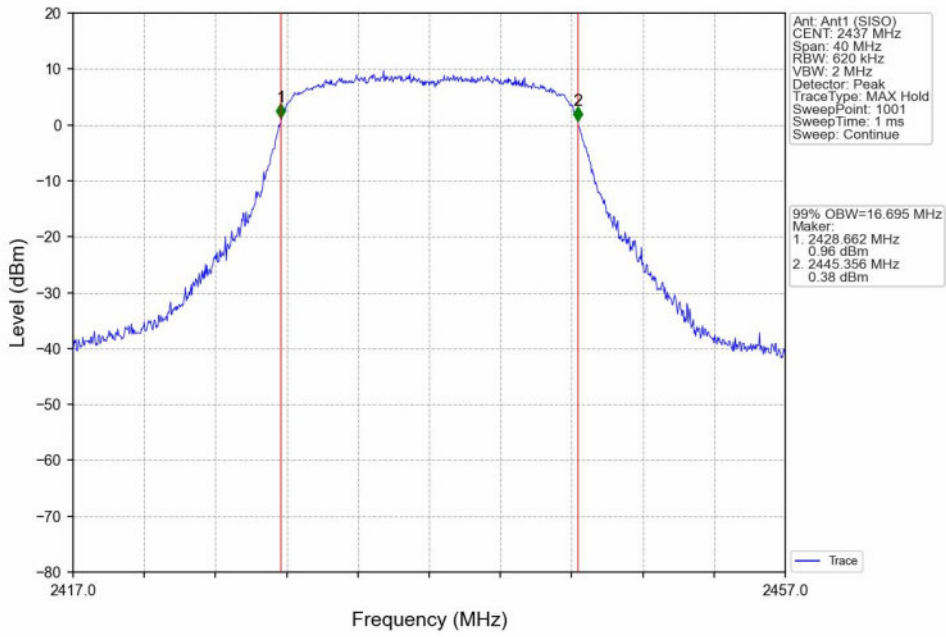
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



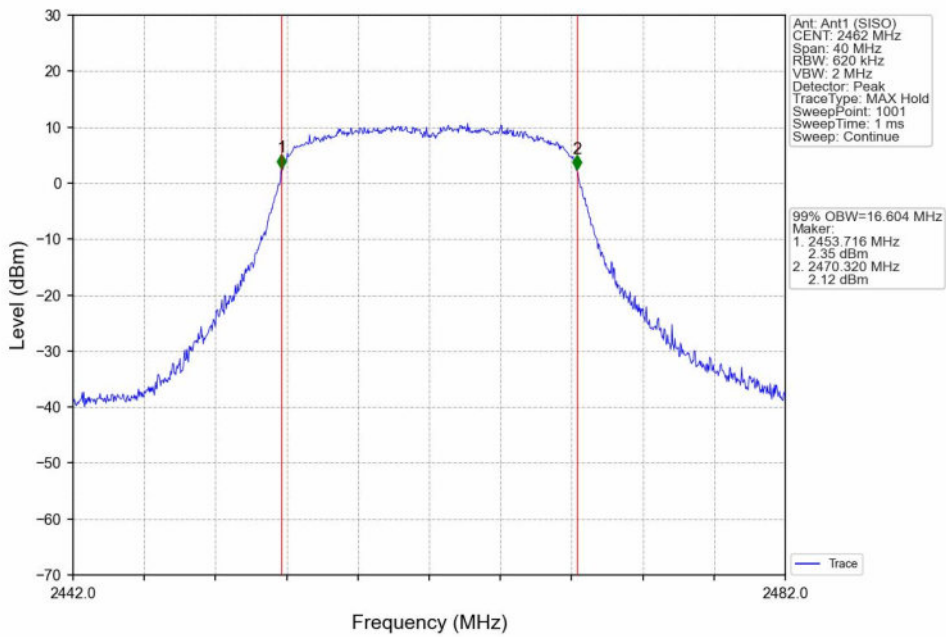
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



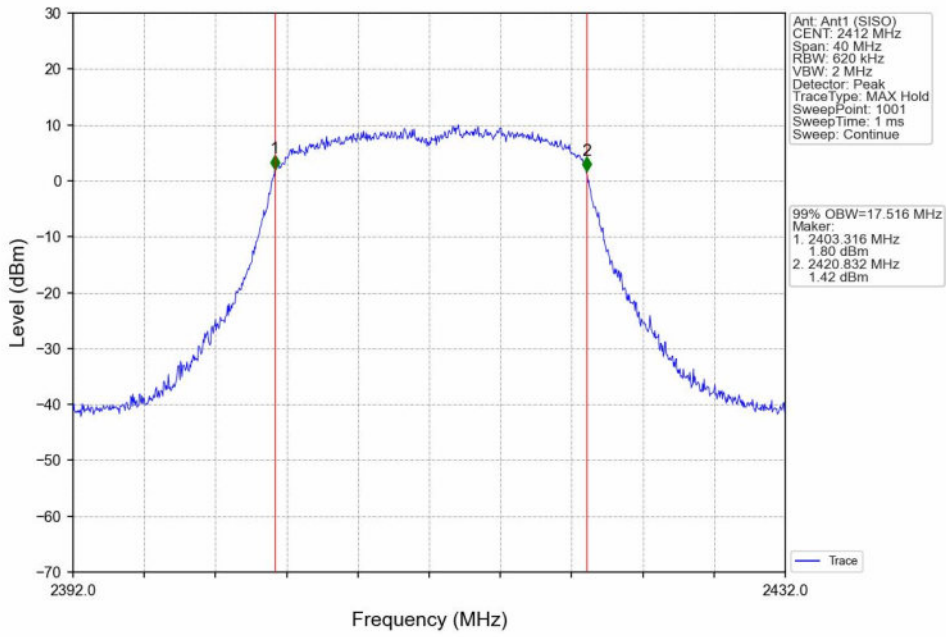
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



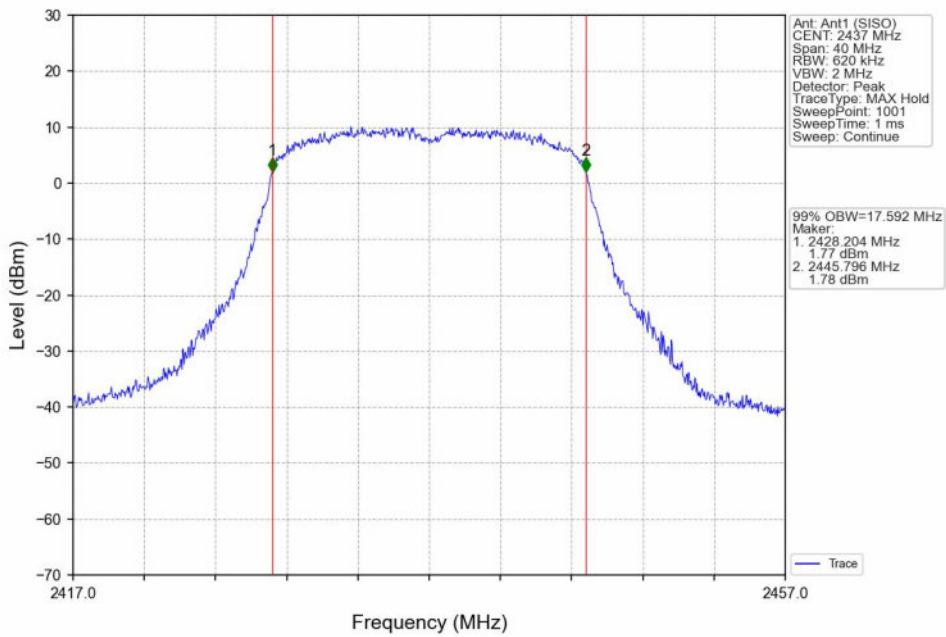
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



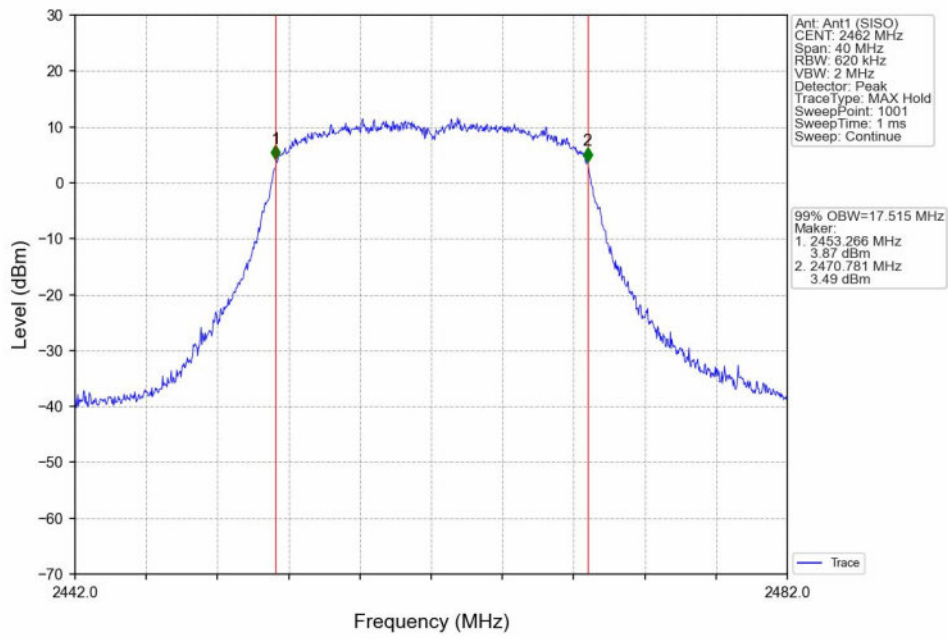
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



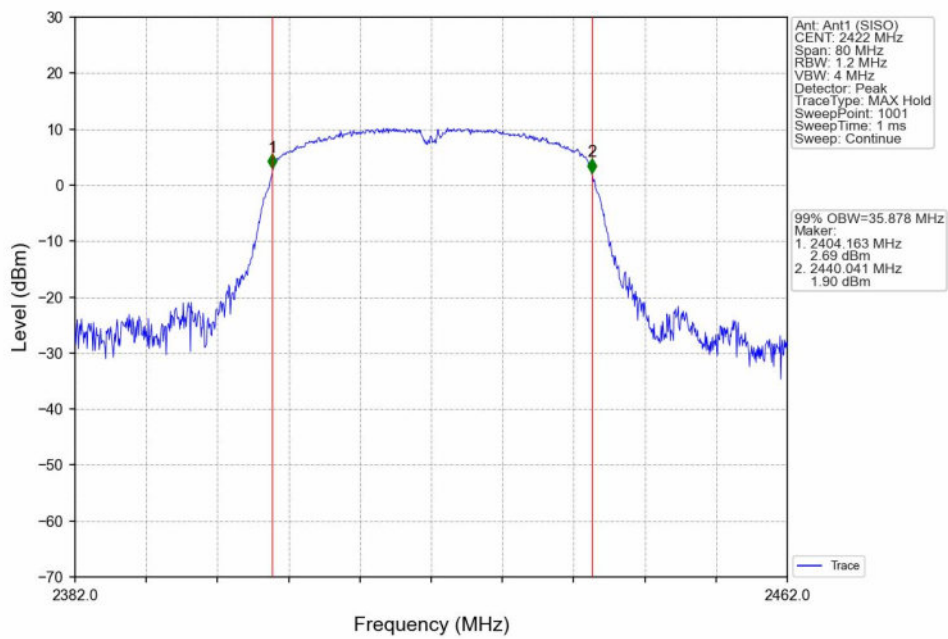
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



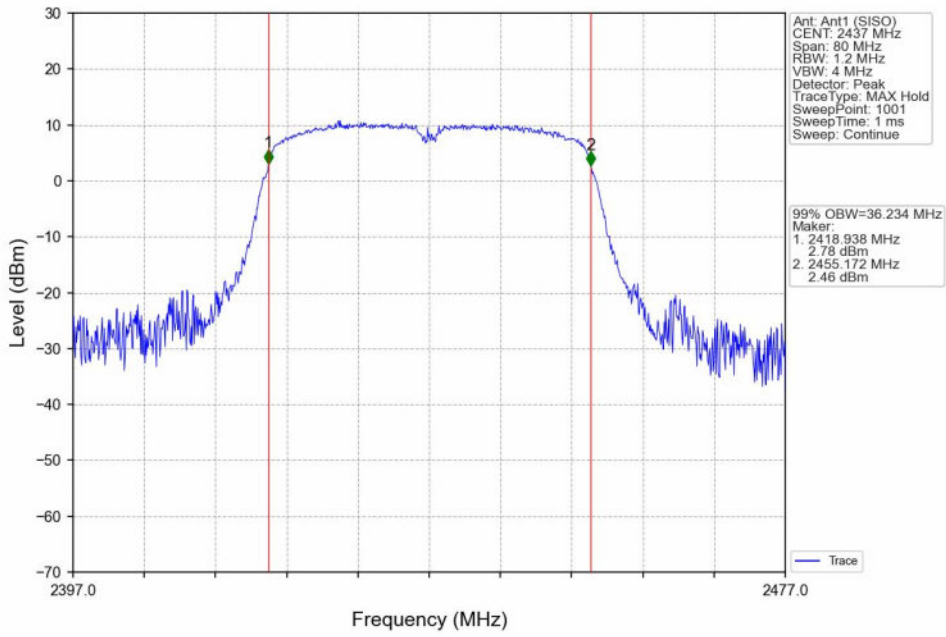
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



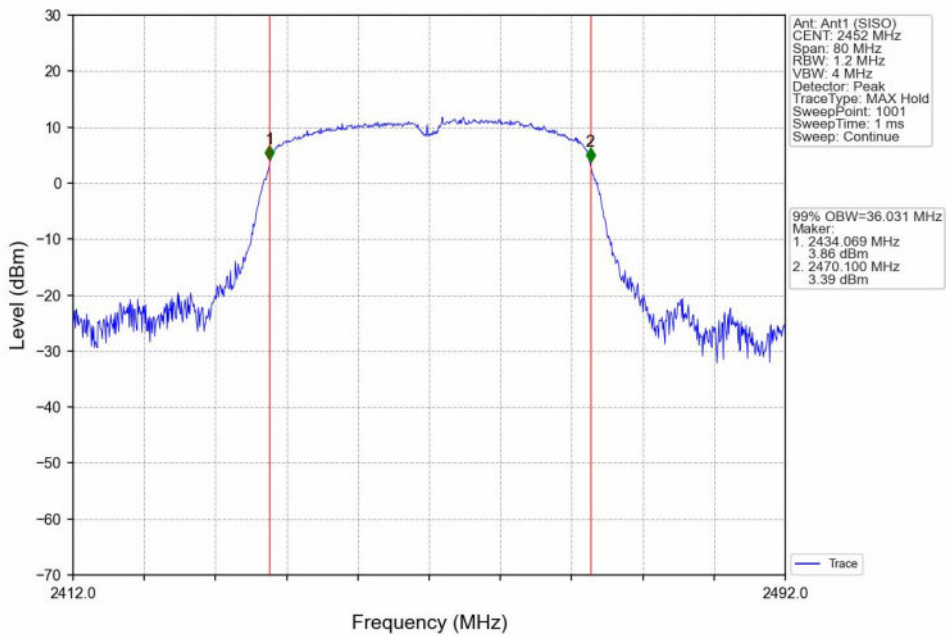
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



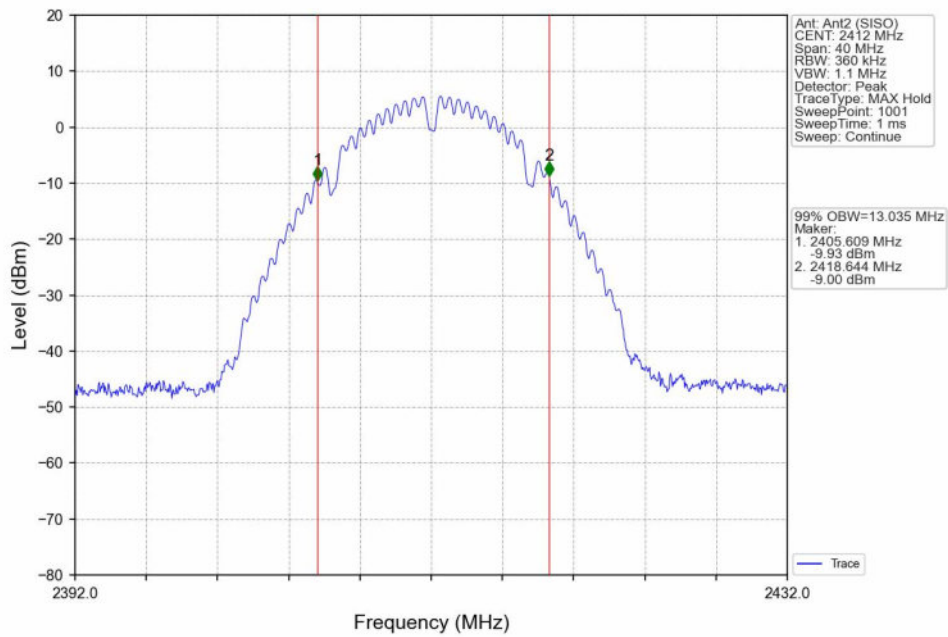
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



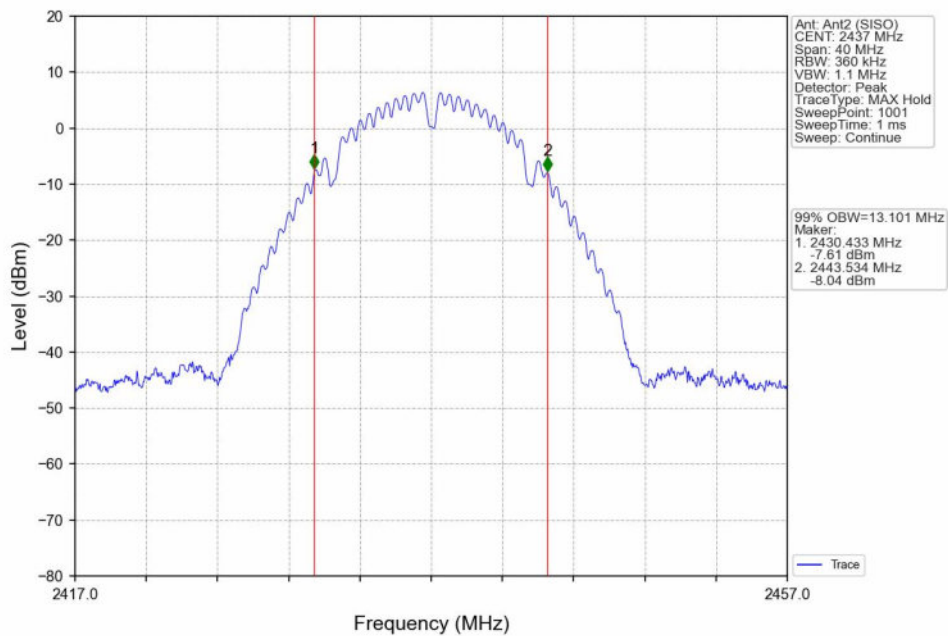
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



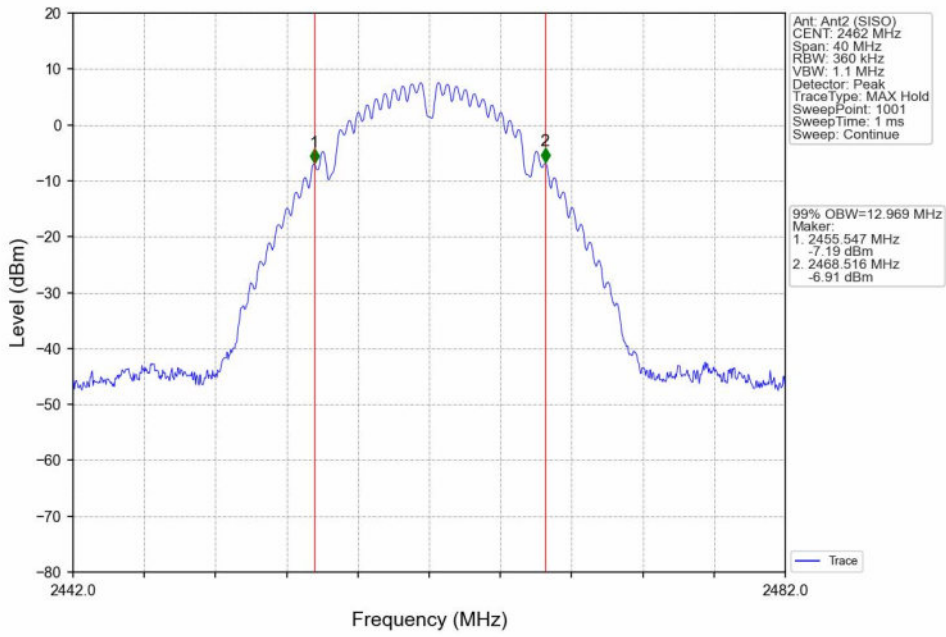
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



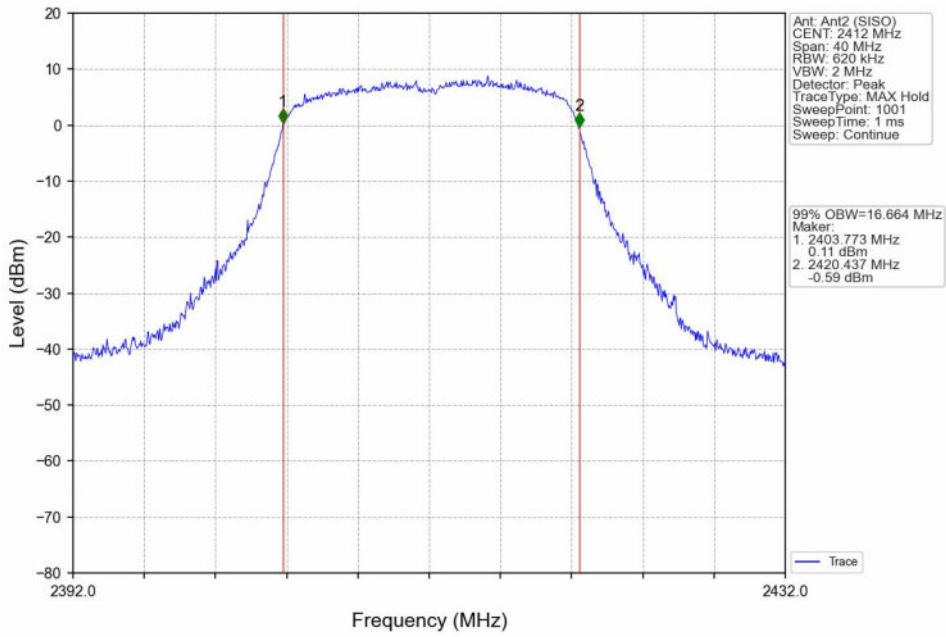
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



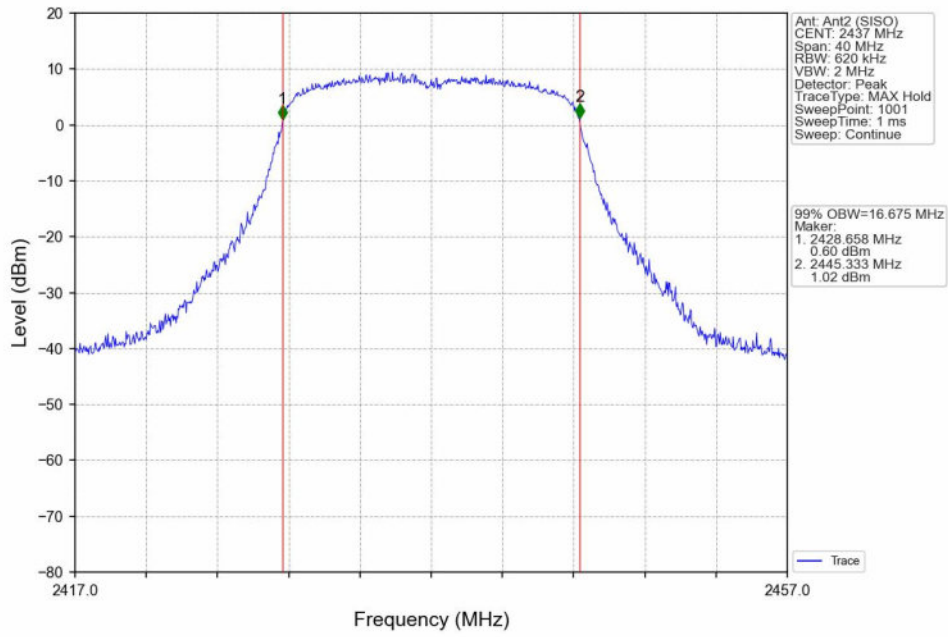
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



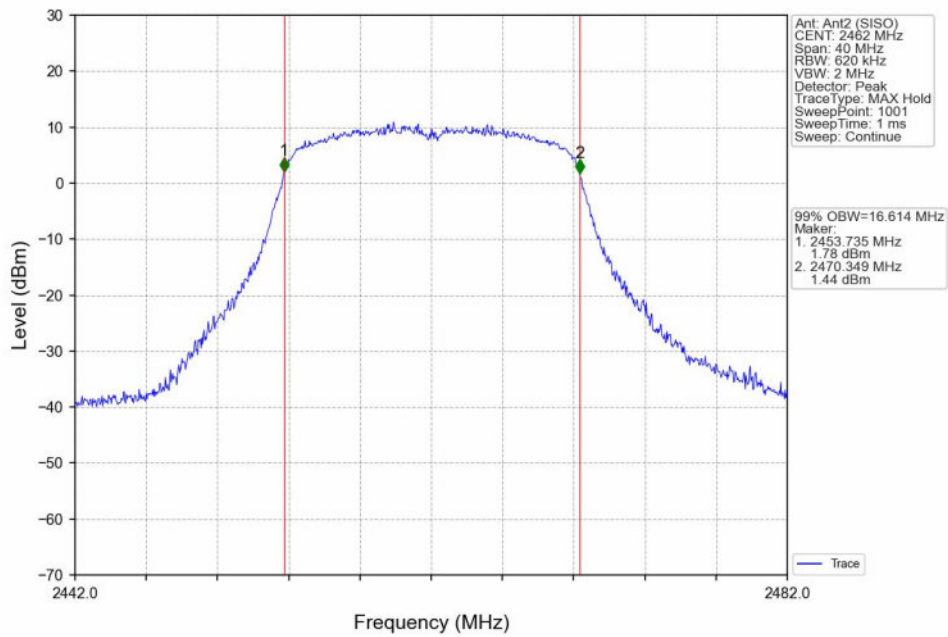
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



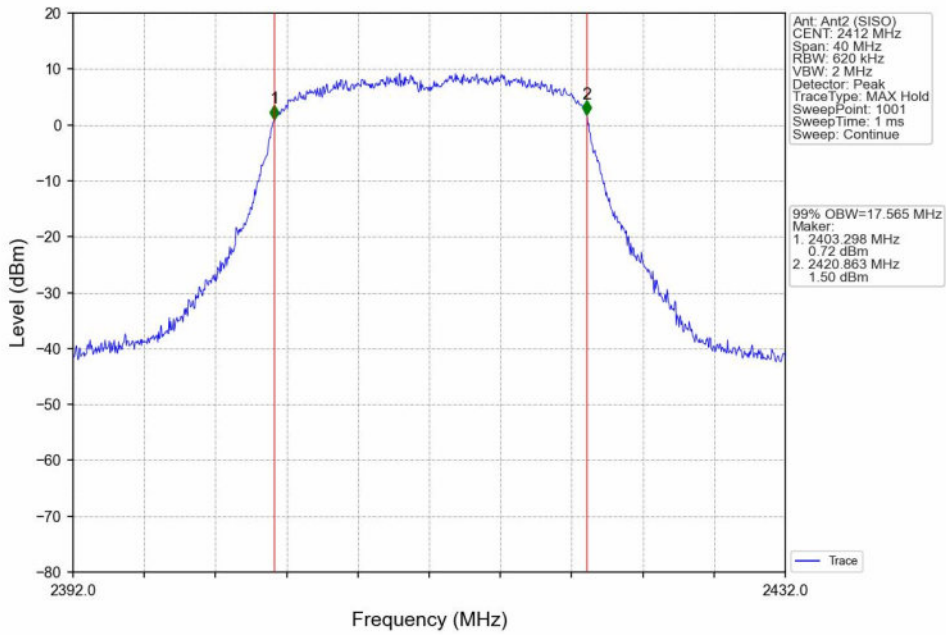
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



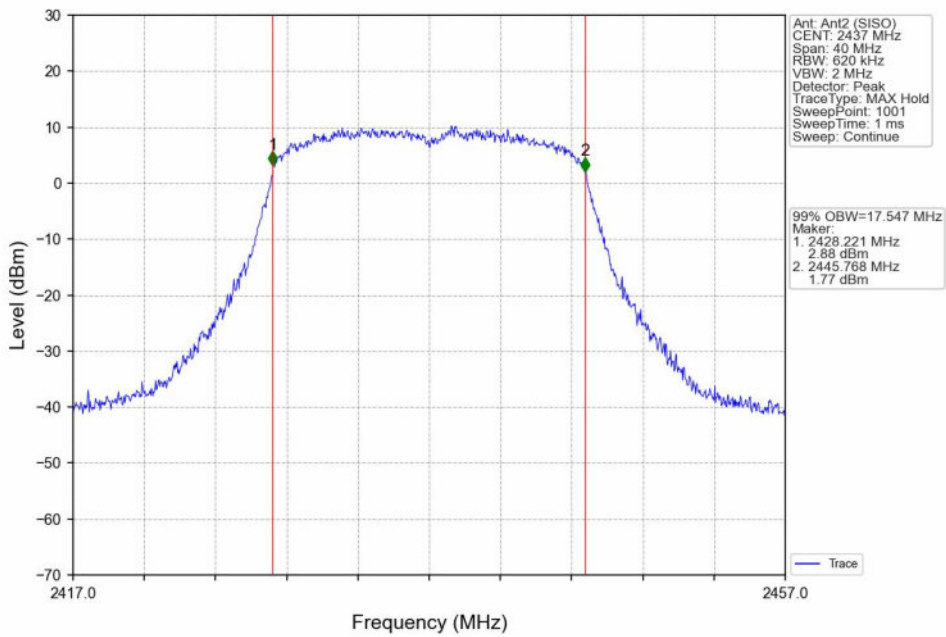
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



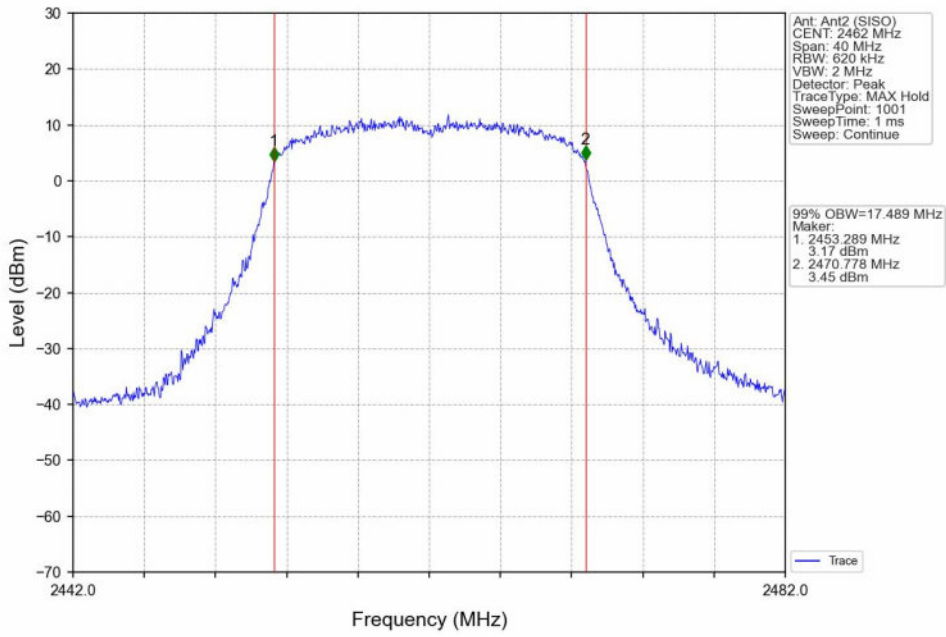
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



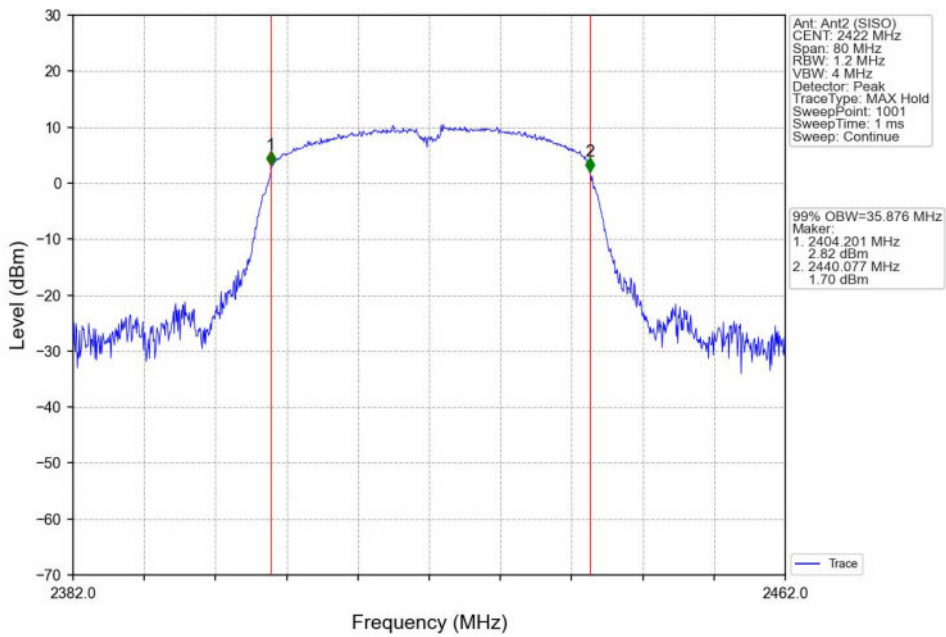
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



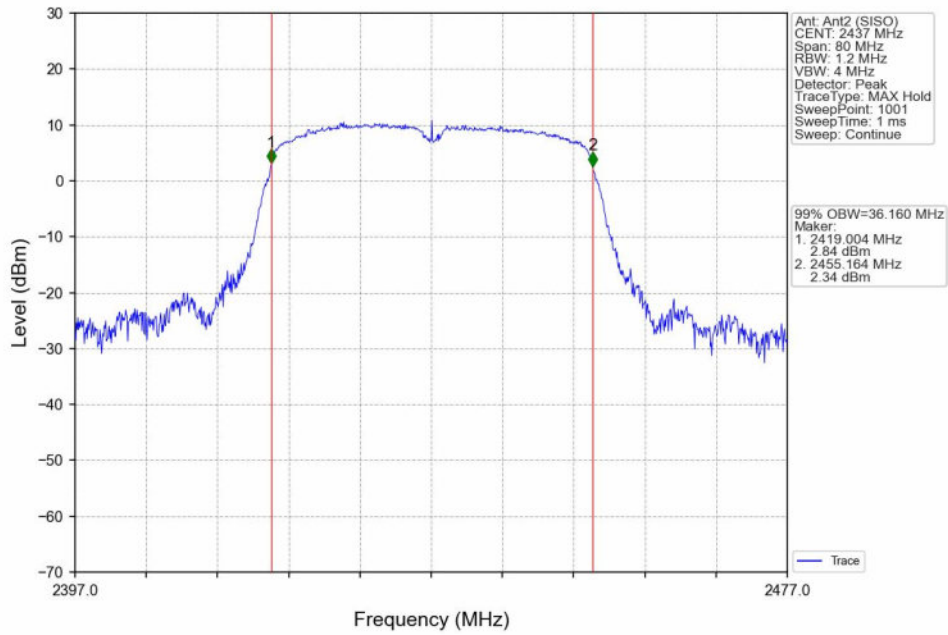
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



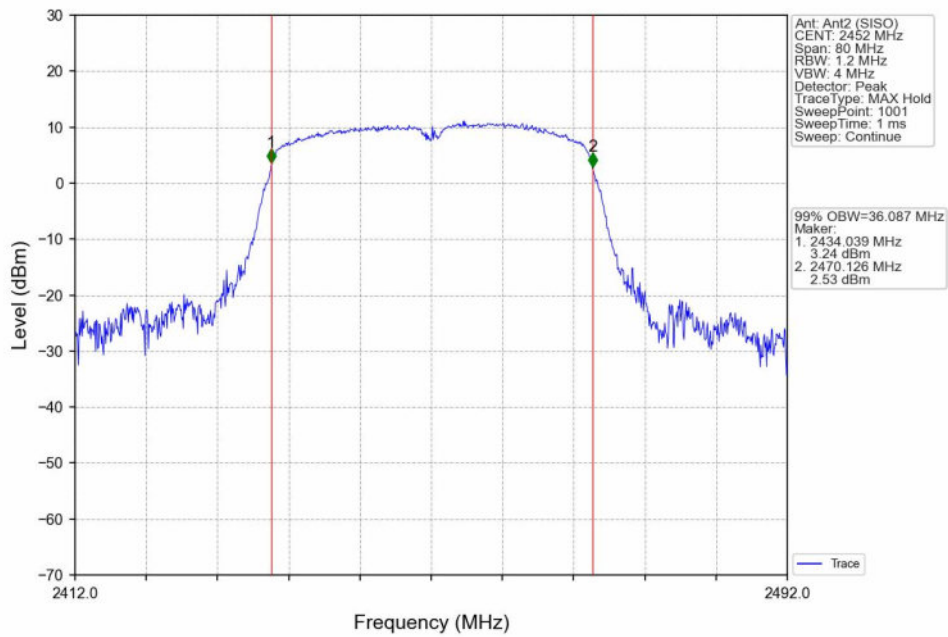
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2 (SISO)_NTNV



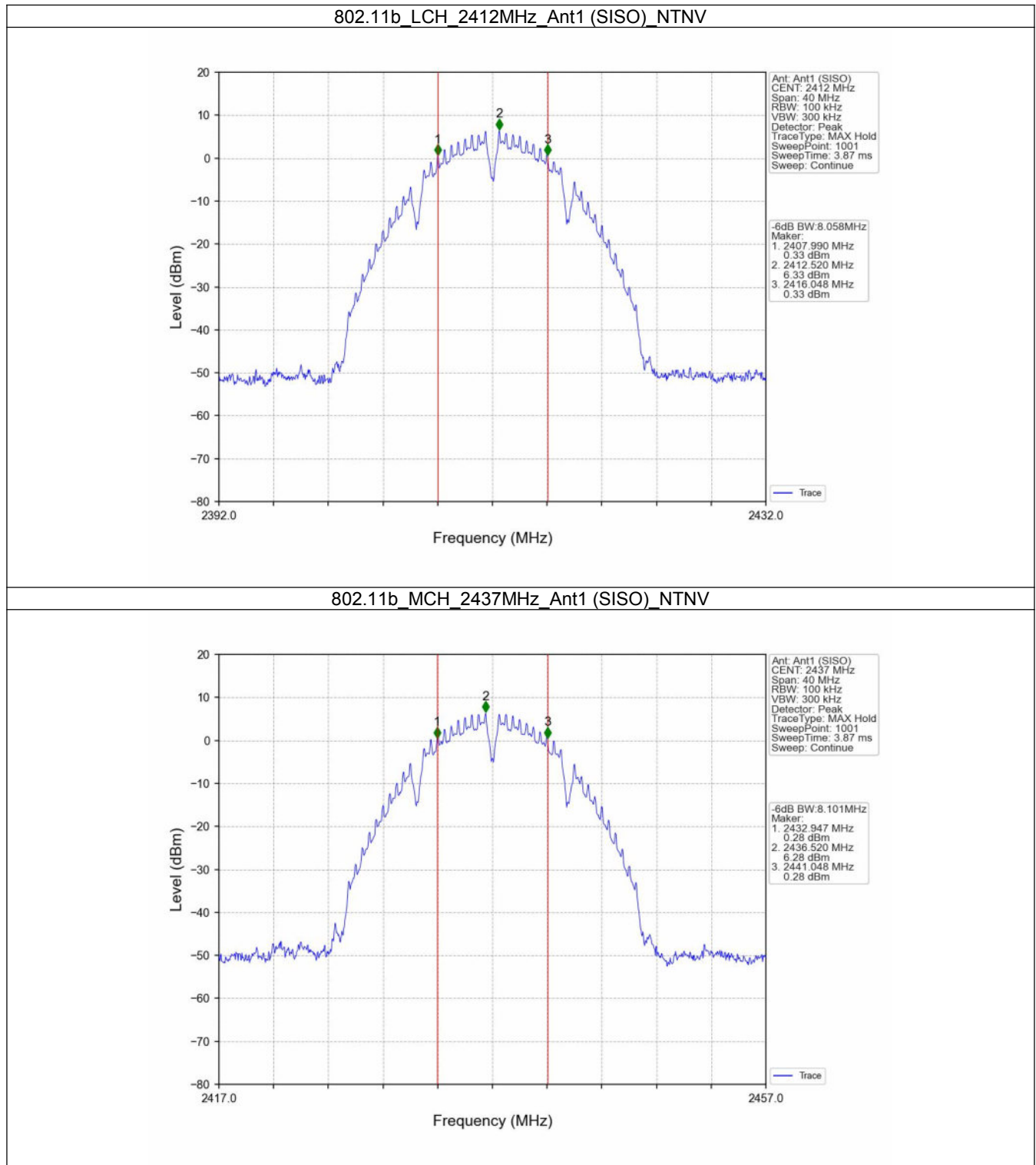
1.2 6dB BW

1.2.1 Test Result

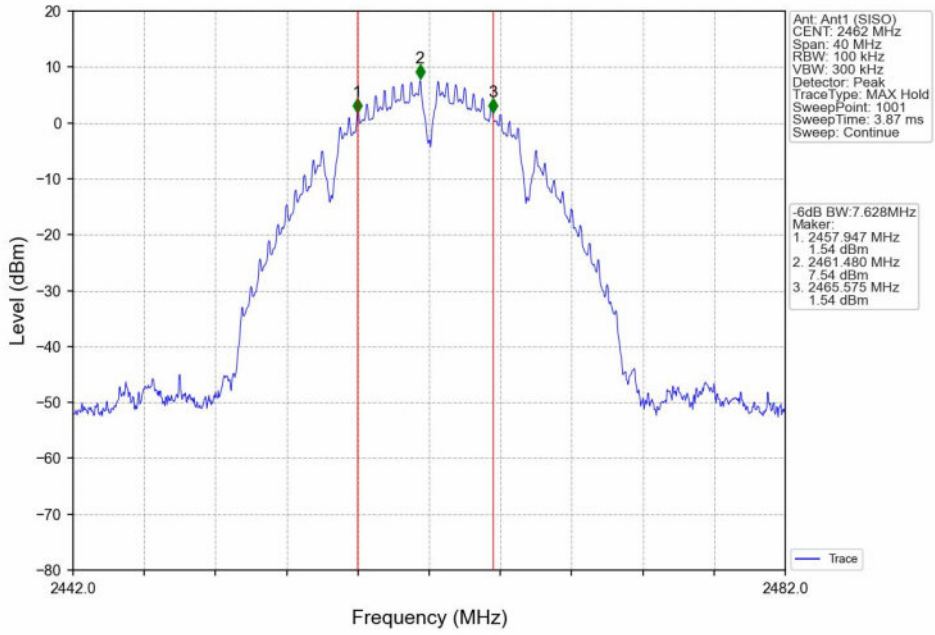
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.058	>=0.5	Pass
		2437	1	8.101	>=0.5	Pass
		2462	1	7.628	>=0.5	Pass
802.11g	SISO	2412	1	15.341	>=0.5	Pass
		2437	1	15.180	>=0.5	Pass
		2462	1	15.170	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	15.350	>=0.5	Pass
		2437	1	15.518	>=0.5	Pass
		2462	1	15.188	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	35.119	>=0.5	Pass
		2437	1	35.168	>=0.5	Pass
		2452	1	35.144	>=0.5	Pass

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	2	8.540	>=0.5	Pass
		2437	2	8.071	>=0.5	Pass
		2462	2	8.088	>=0.5	Pass
802.11g	SISO	2412	2	15.160	>=0.5	Pass
		2437	2	15.179	>=0.5	Pass
		2462	2	15.170	>=0.5	Pass
802.11n (HT20)	SISO	2412	2	15.164	>=0.5	Pass
		2437	2	15.242	>=0.5	Pass
		2462	2	15.175	>=0.5	Pass
802.11n (HT40)	SISO	2422	2	35.108	>=0.5	Pass
		2437	2	35.159	>=0.5	Pass
		2452	2	35.156	>=0.5	Pass

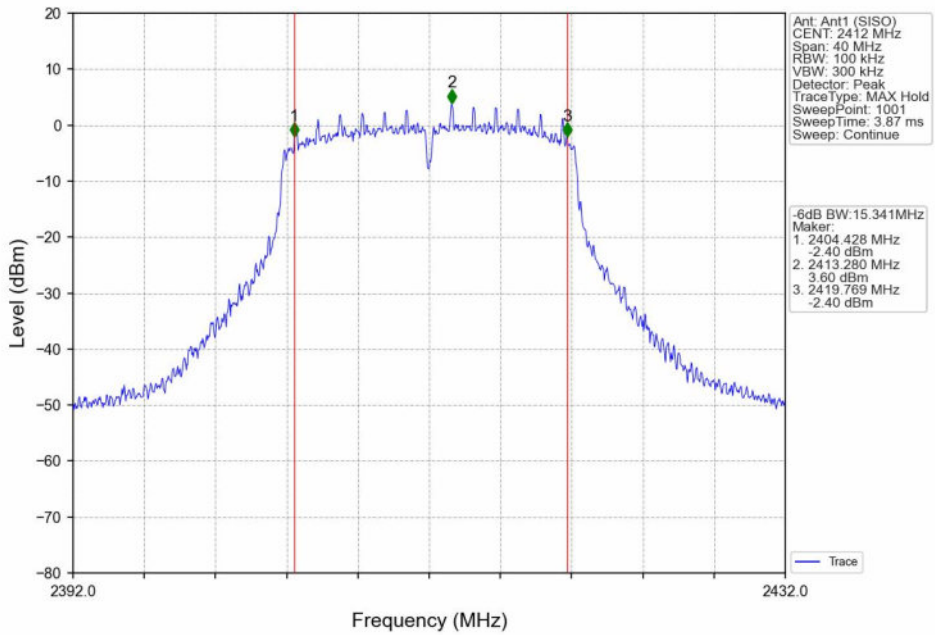
1.2.2 Test Graph



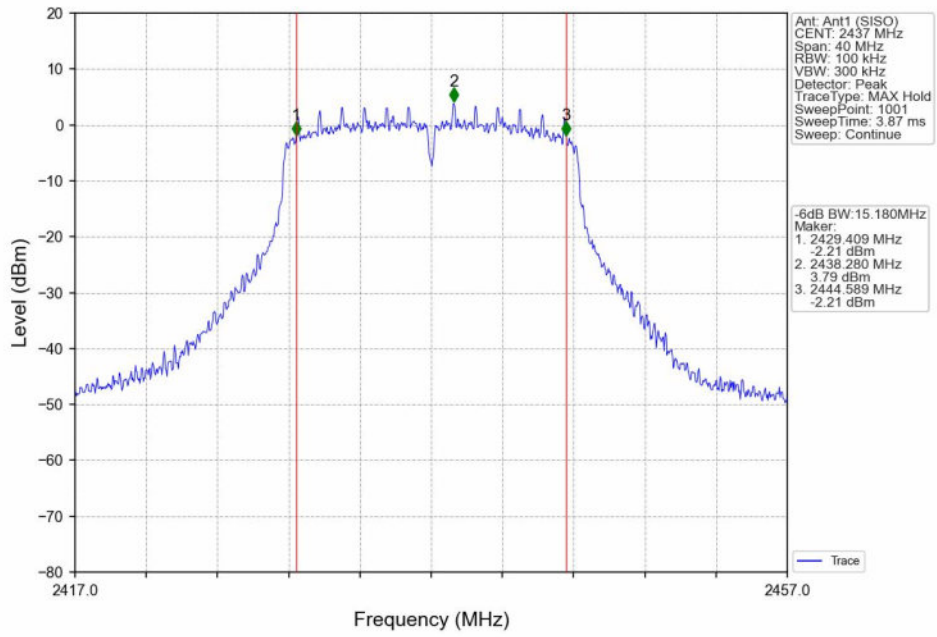
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



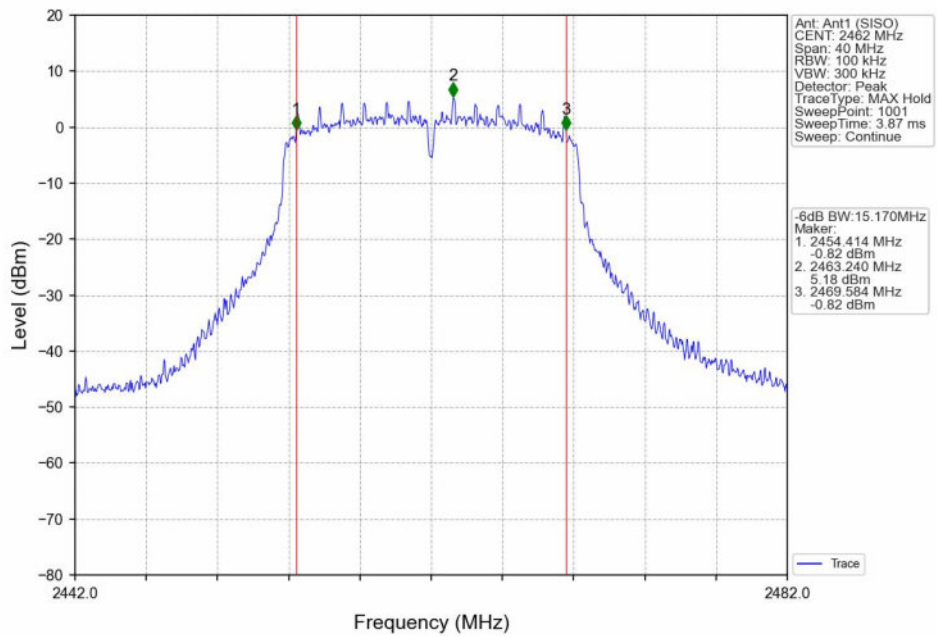
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



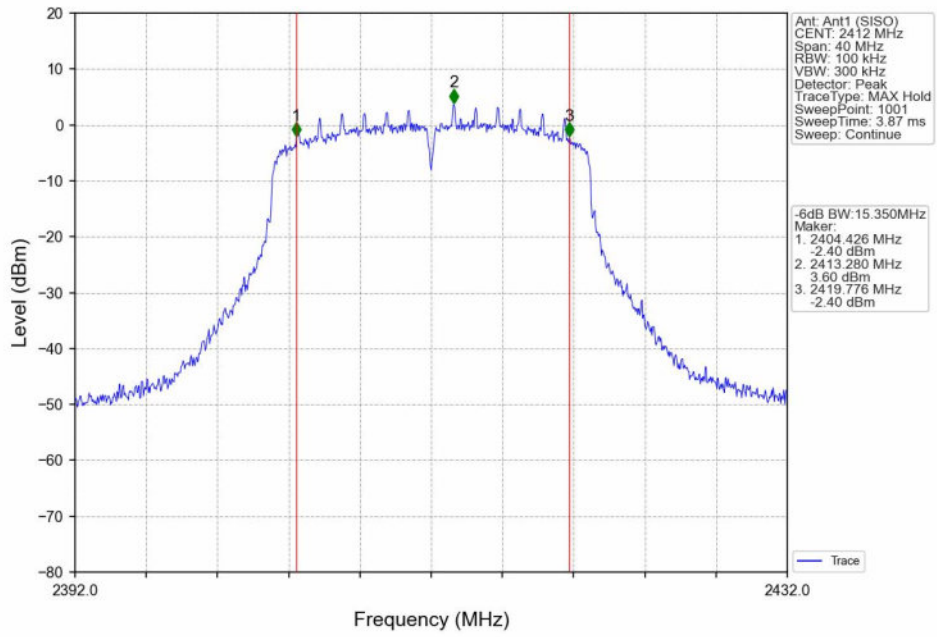
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



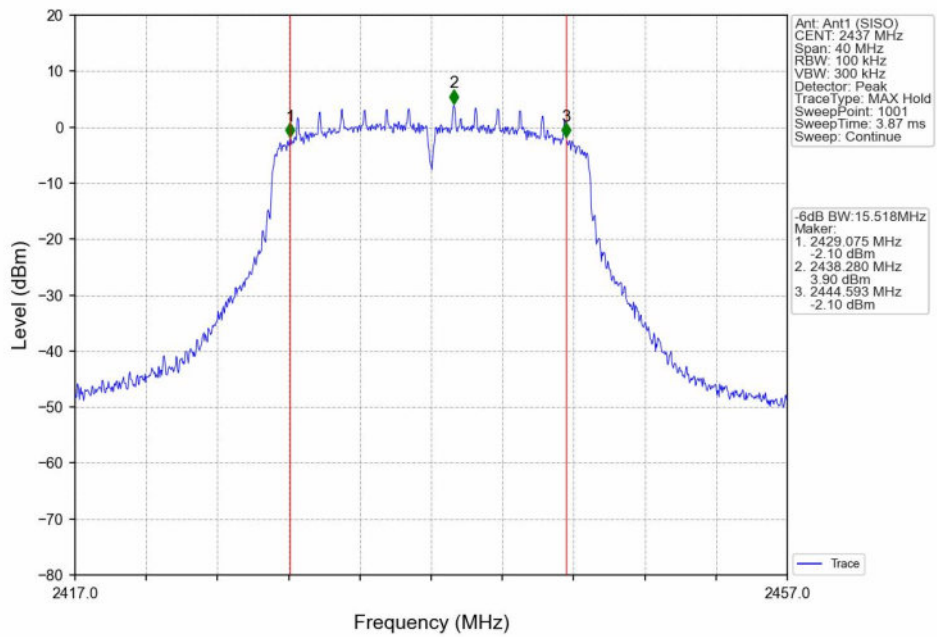
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



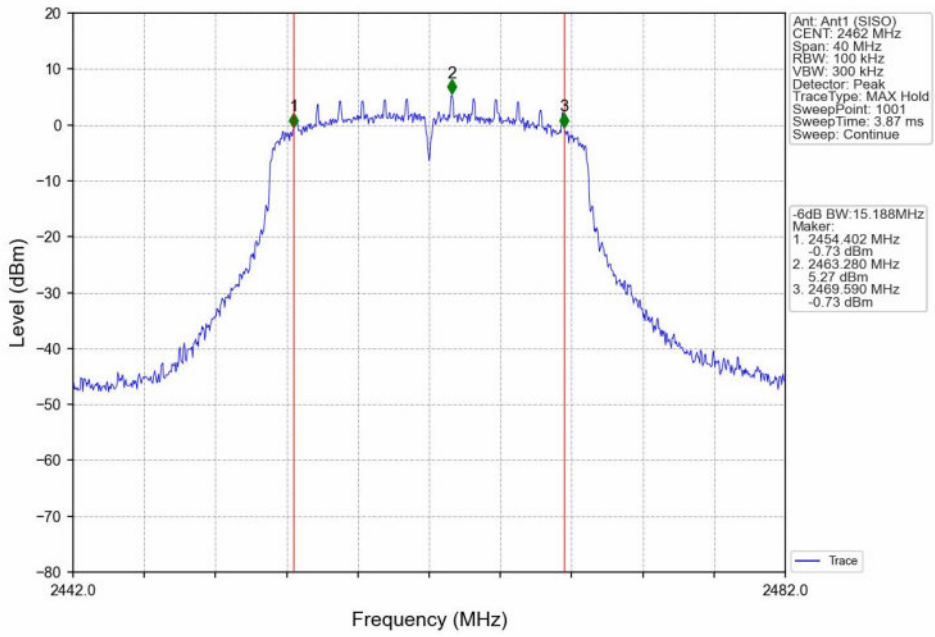
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



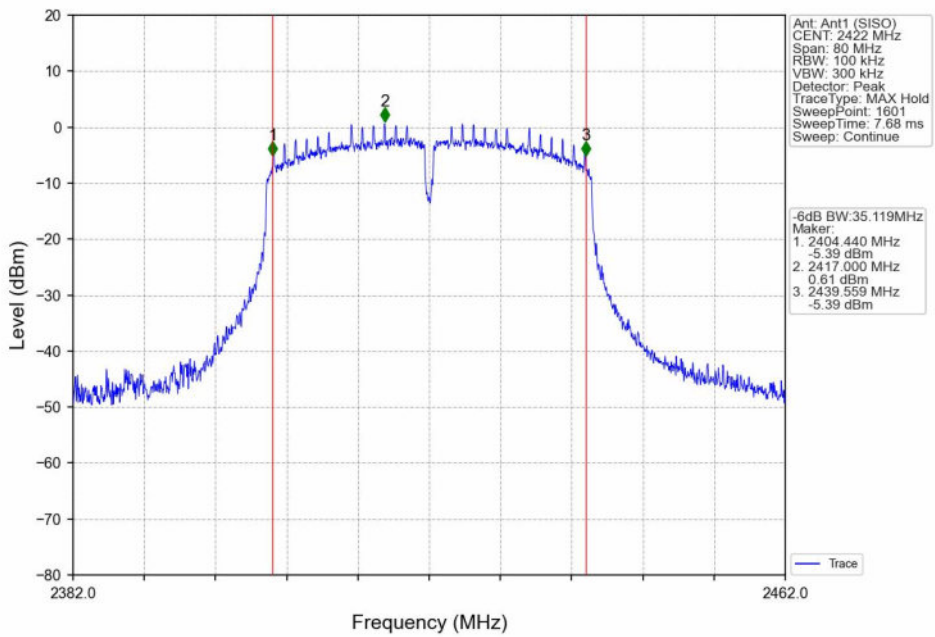
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



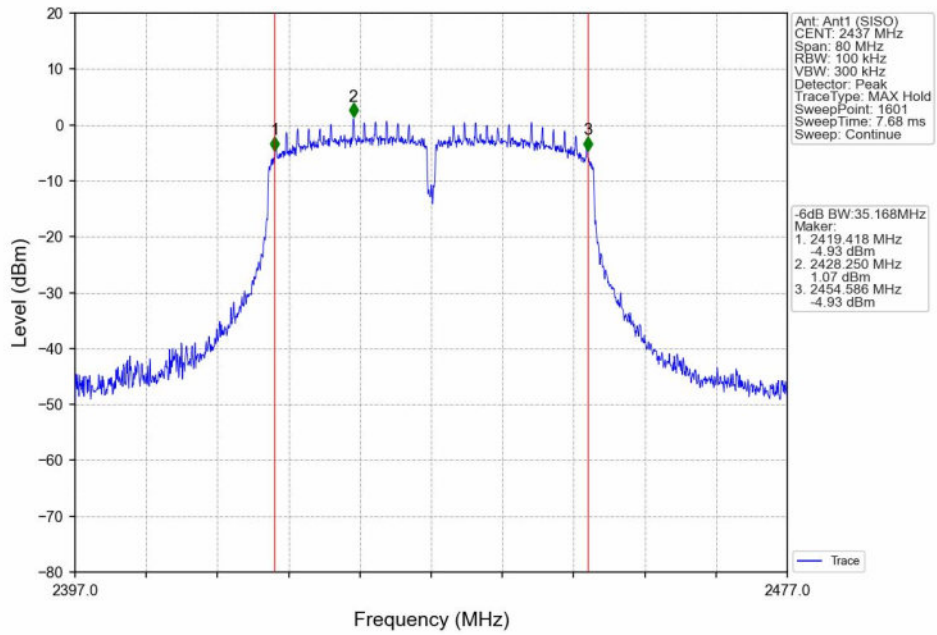
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



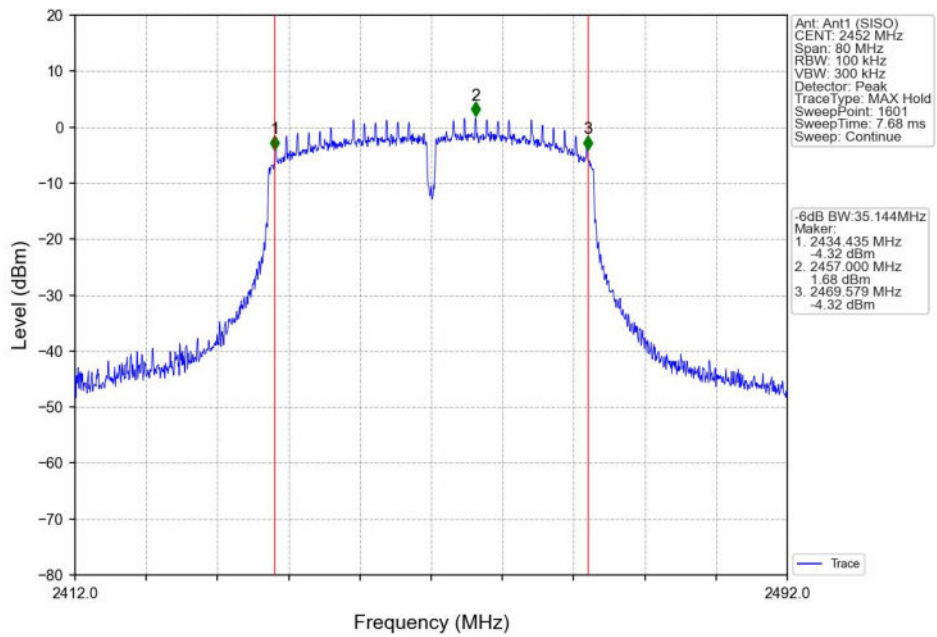
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



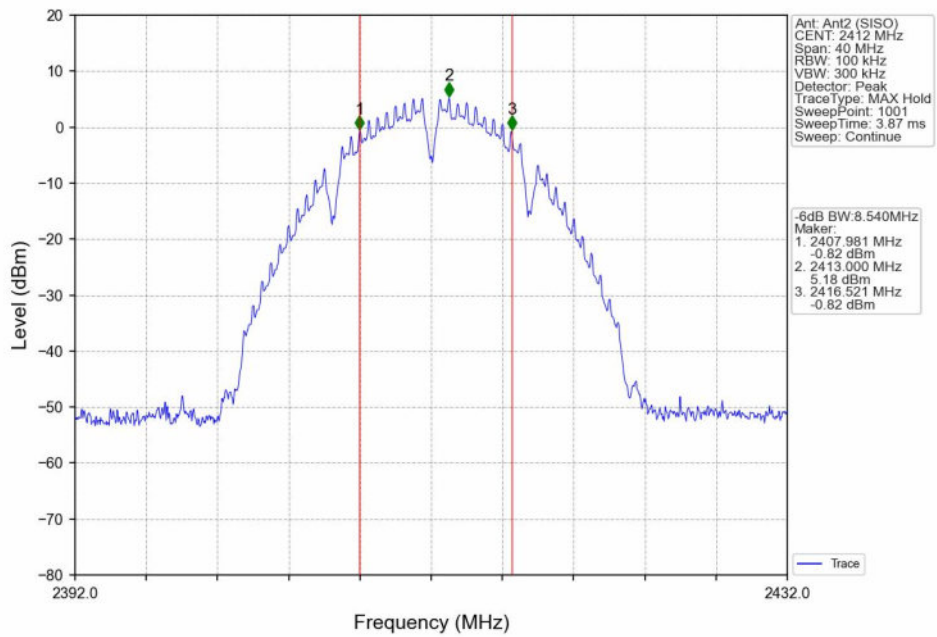
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



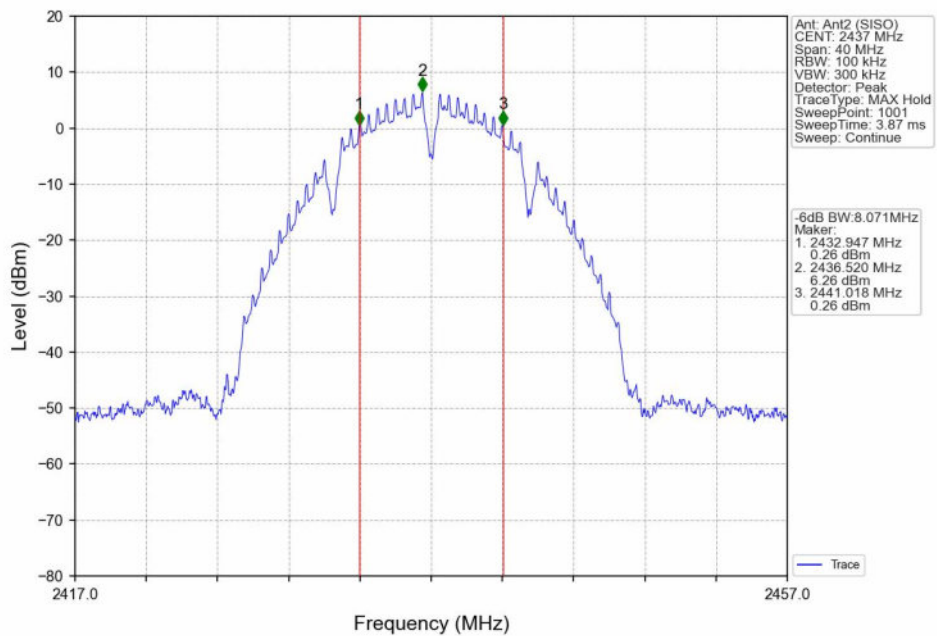
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



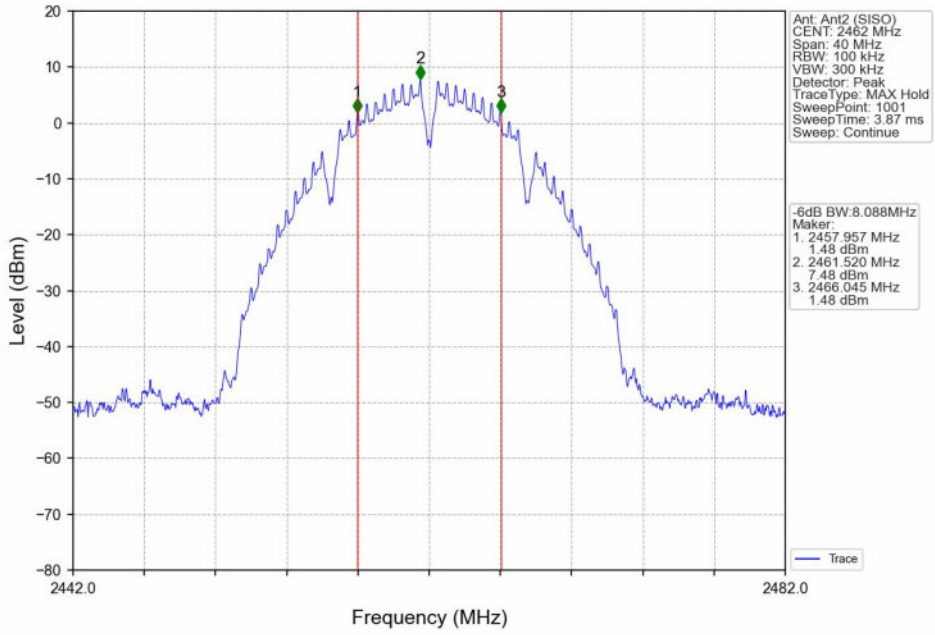
802.11b_LCH_2412MHz_Ant2 (SISO)_NTNV



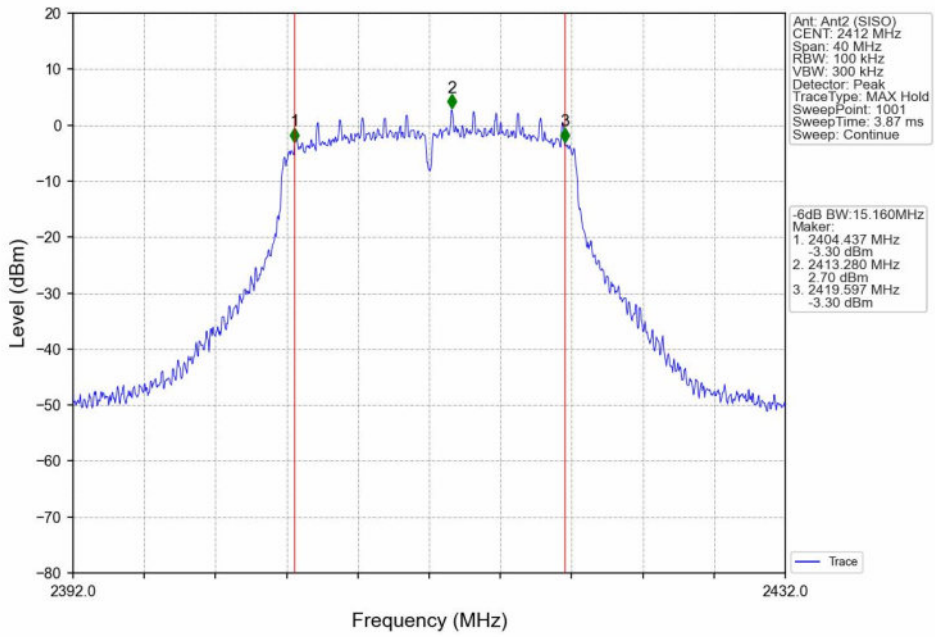
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



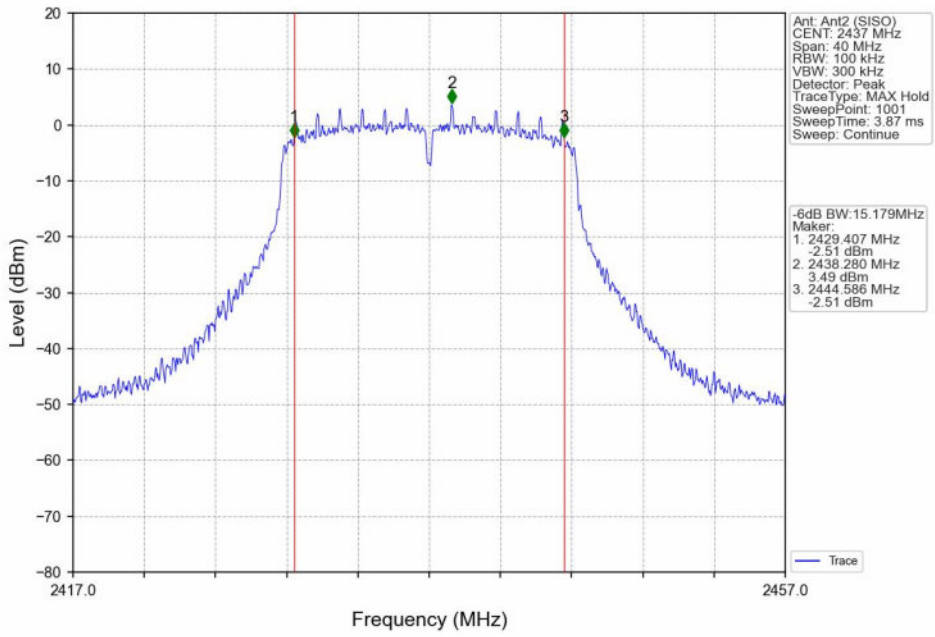
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



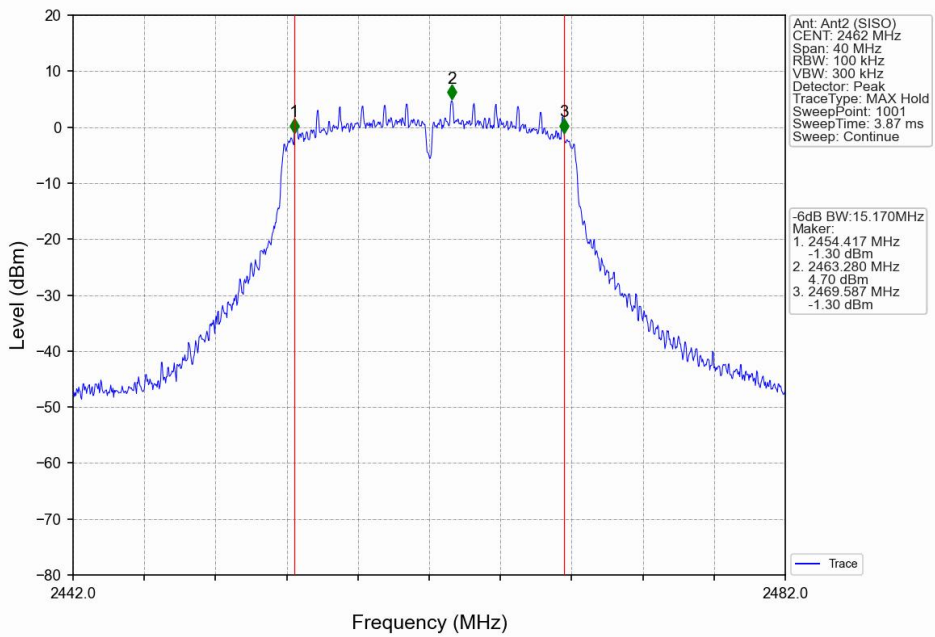
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



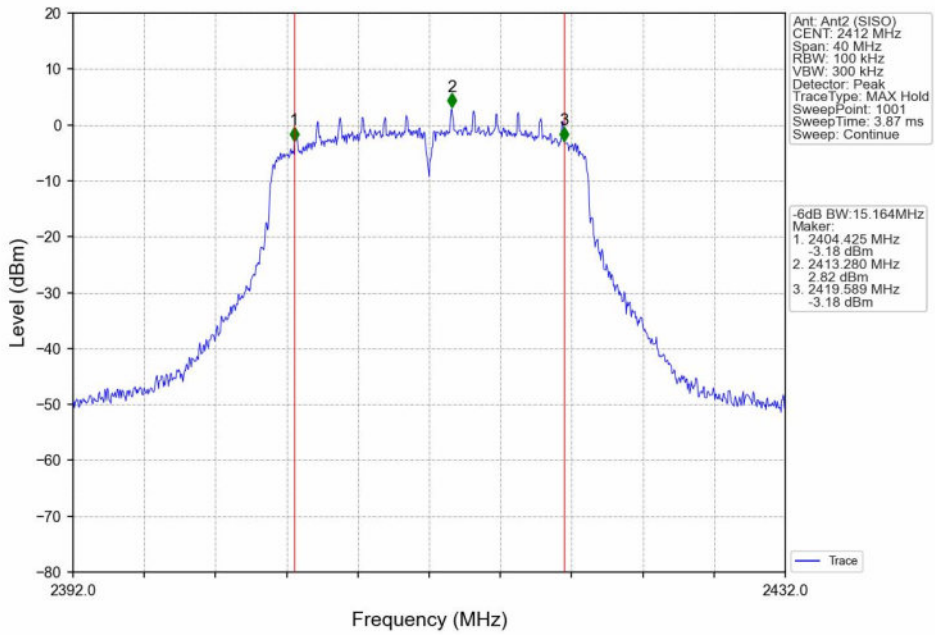
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



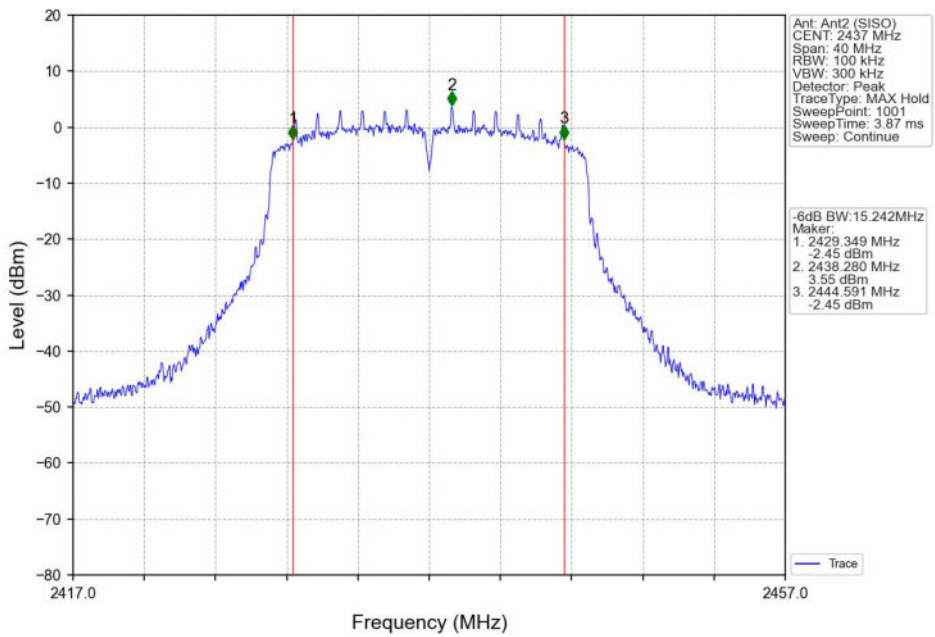
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



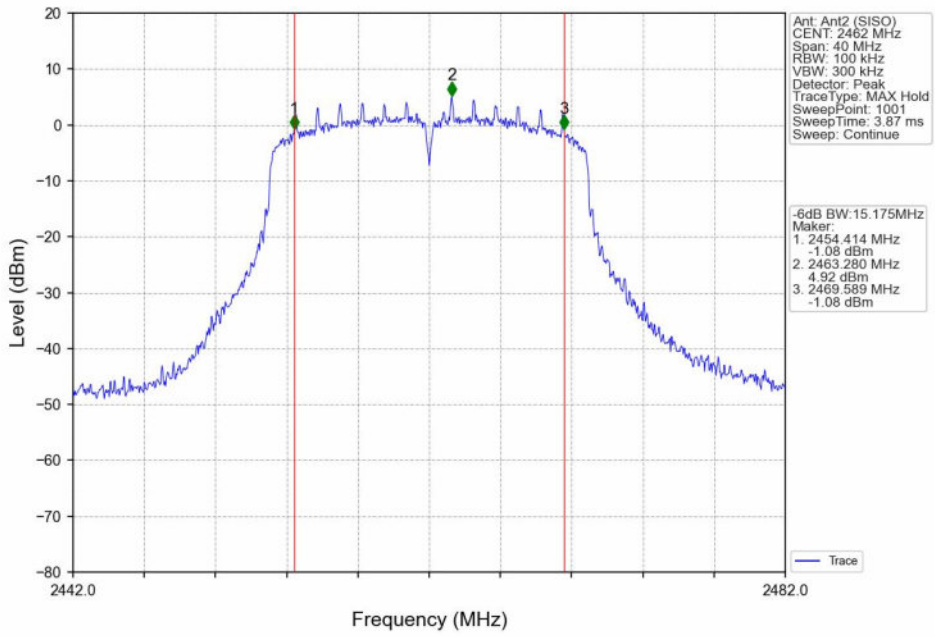
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



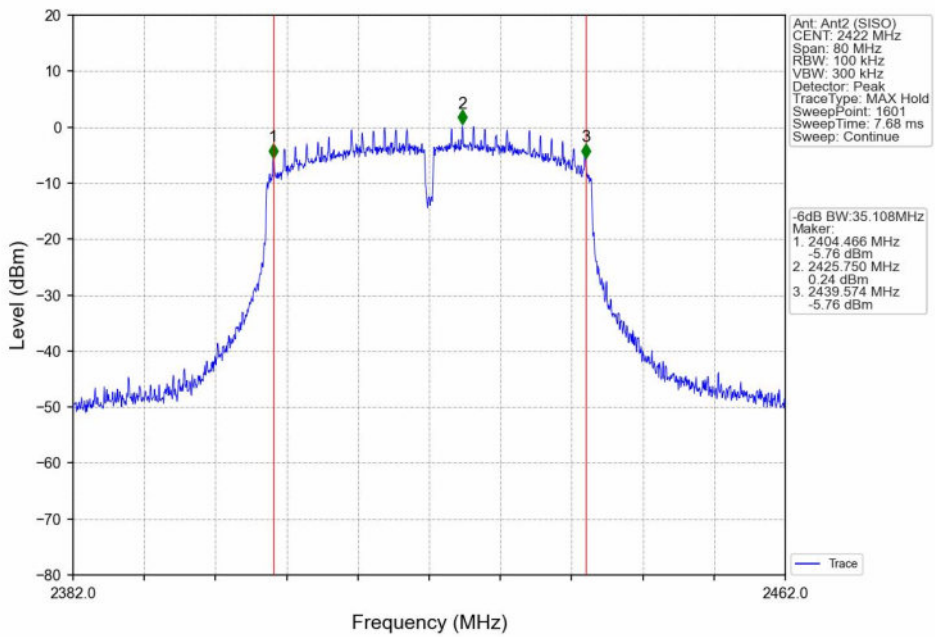
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



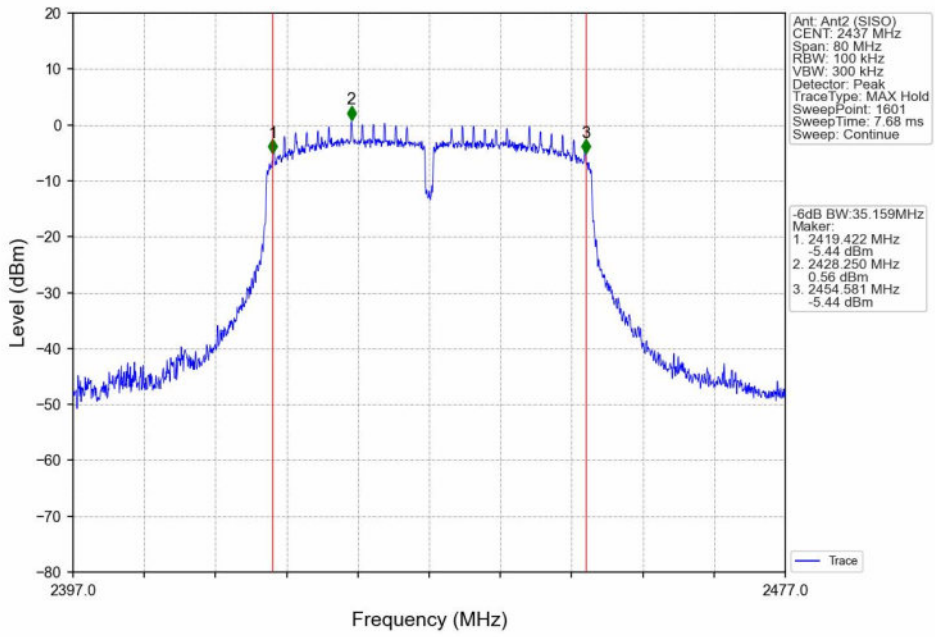
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



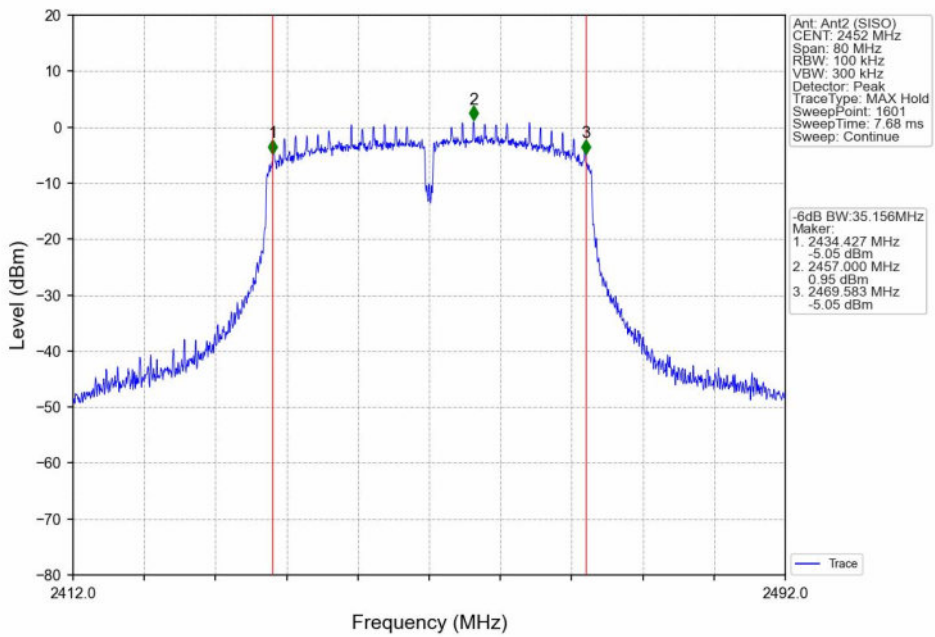
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant2(SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2(SISO)_NTNV



2. Maximum Conducted Output Power

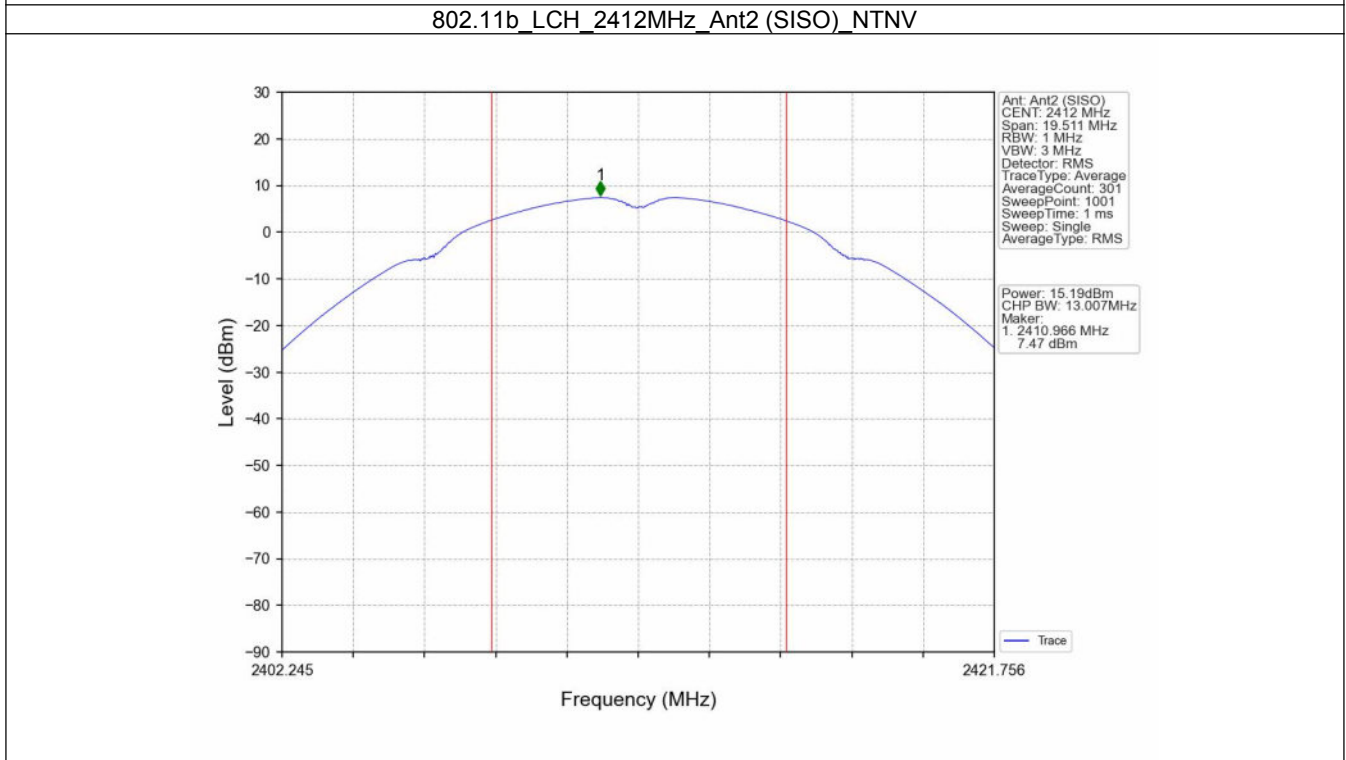
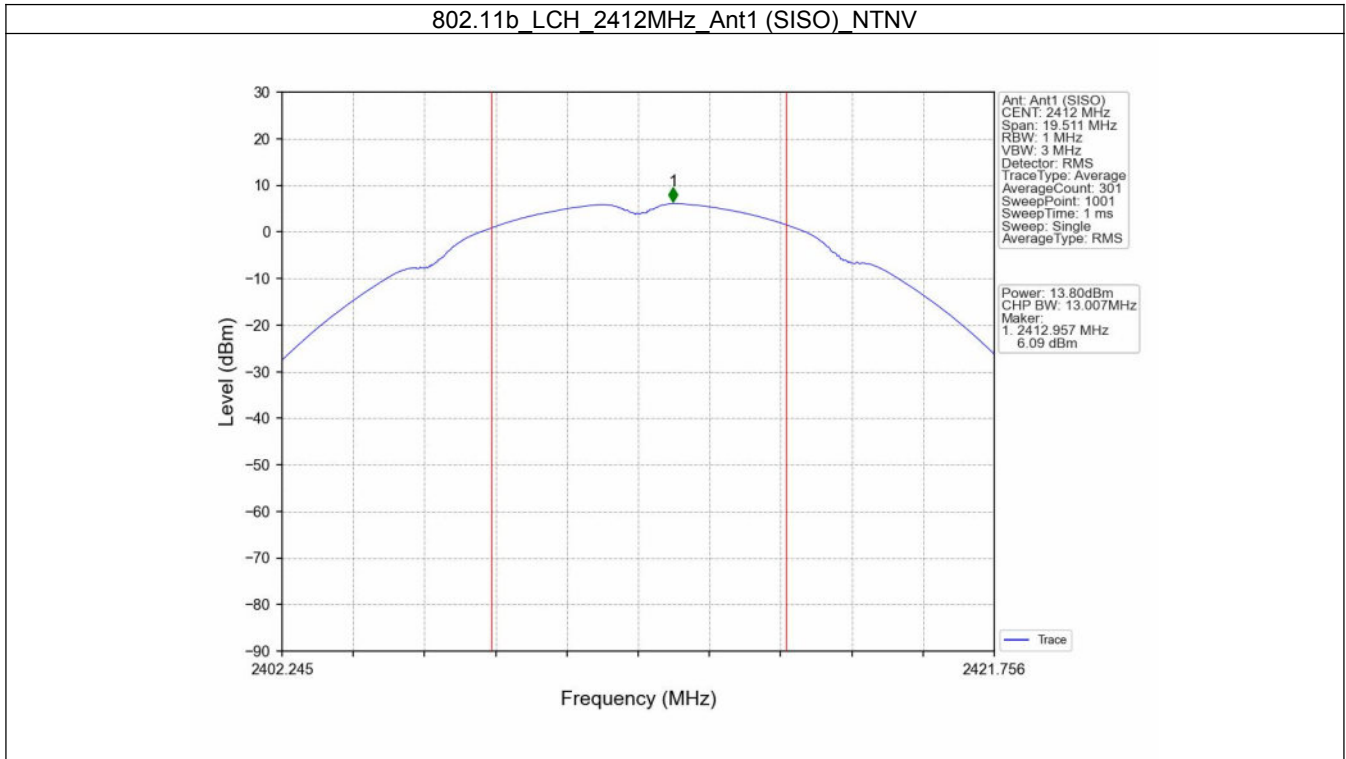
2.1 Power

2.1.1 Test Result

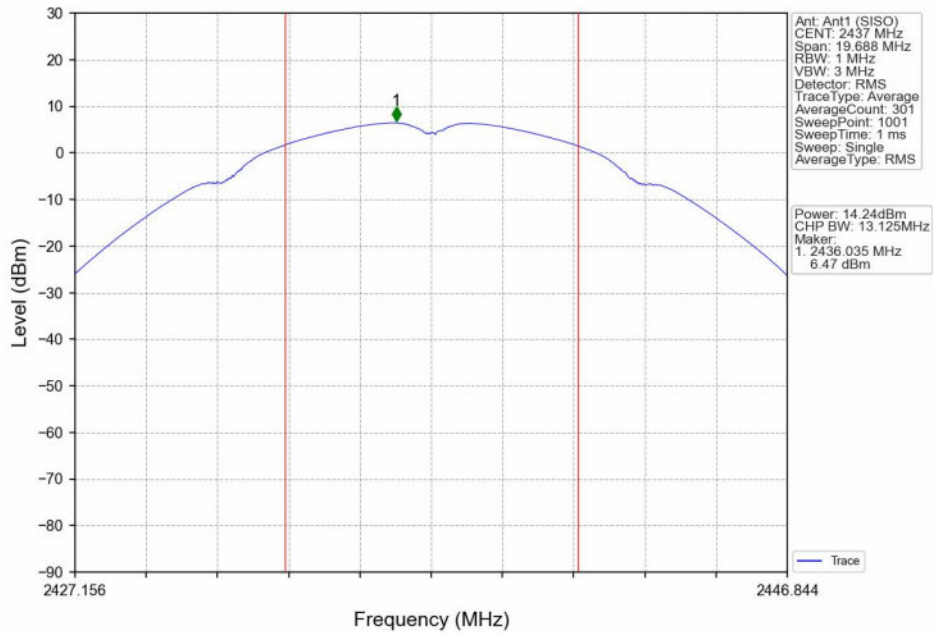
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)			Verdict
			ANT1	ANT2	Limit	
802.11b	SISO	2412	13.80	15.19	<=30	Pass
		2437	14.24	14.83	<=30	Pass
		2462	15.29	14.73	<=30	Pass
802.11g	SISO	2412	13.46	15.03	<=30	Pass
		2437	13.94	15.21	<=30	Pass
		2462	15.19	14.66	<=30	Pass
802.11n (HT20)	SISO	2412	13.23	14.83	<=30	Pass
		2437	13.78	14.99	<=30	Pass
		2462	14.99	14.43	<=30	Pass
802.11n (HT40)	SISO	2422	13.72	15.01	<=30	Pass
		2437	14.34	15.13	<=30	Pass
		2452	14.92	14.98	<=30	Pass

Note1: Antenna Gain: Ant1: 2.11dBi; Ant2: -0.74dBi;

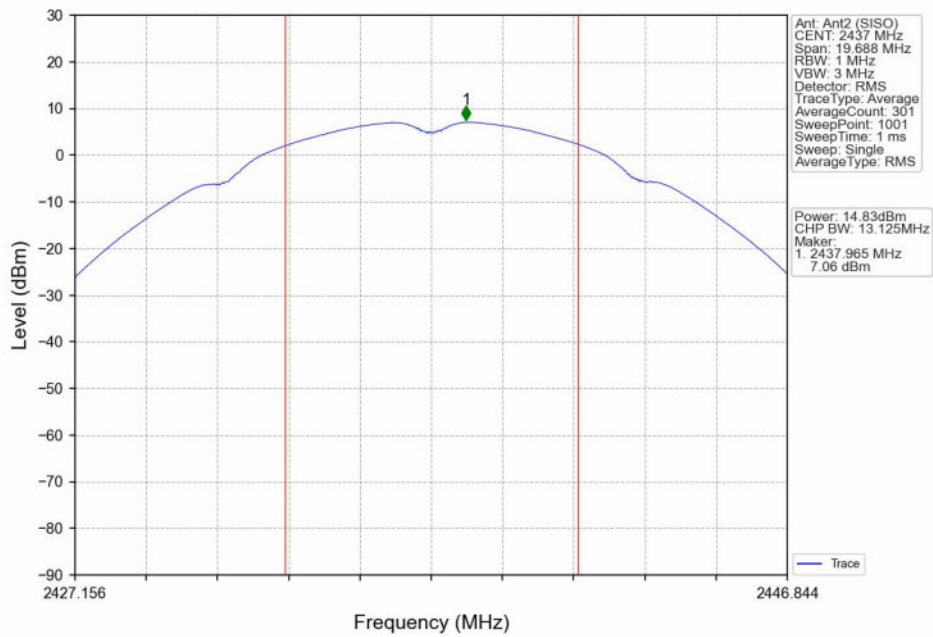
2.1.2 Test Graph



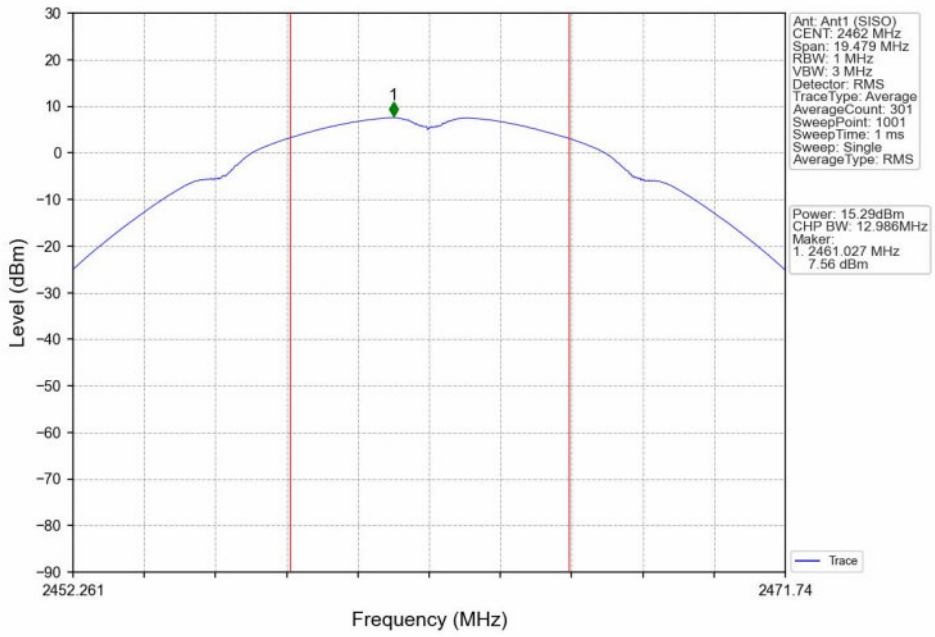
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



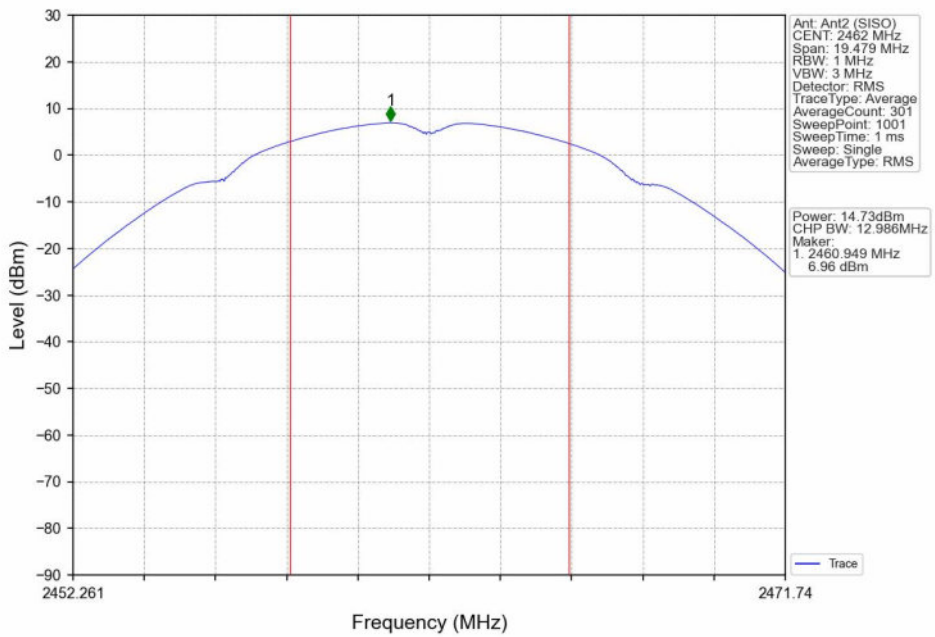
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



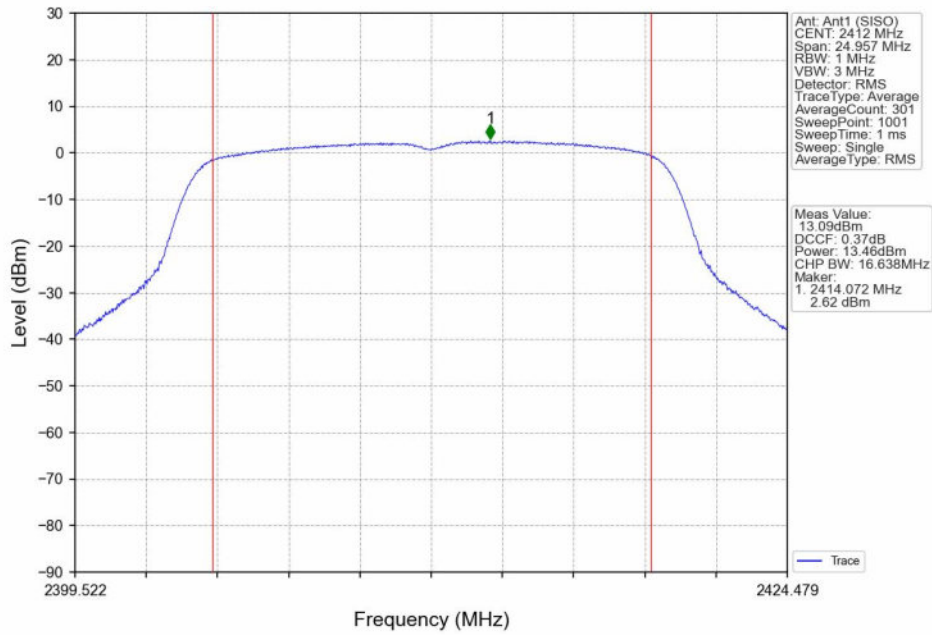
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



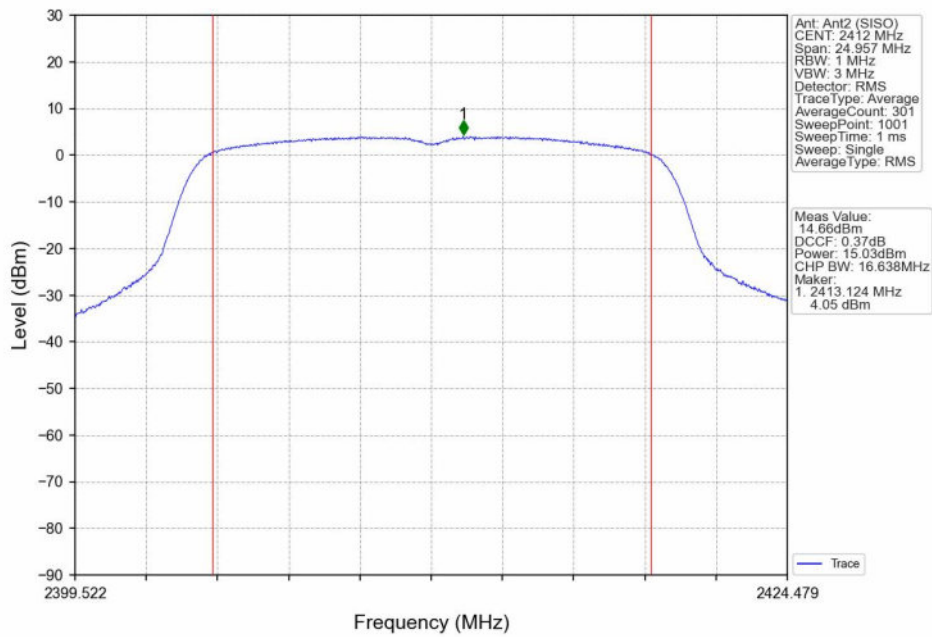
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



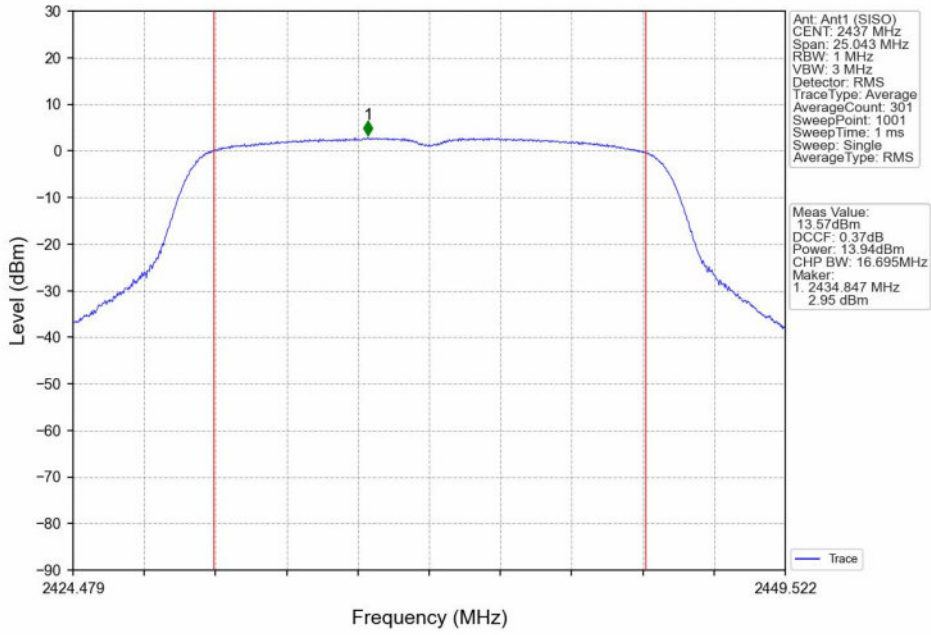
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



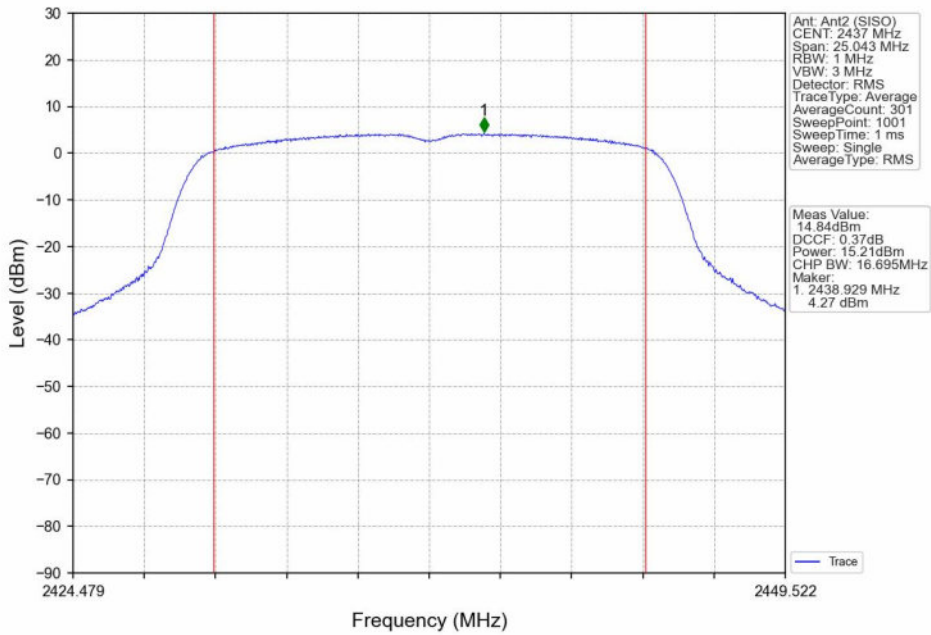
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



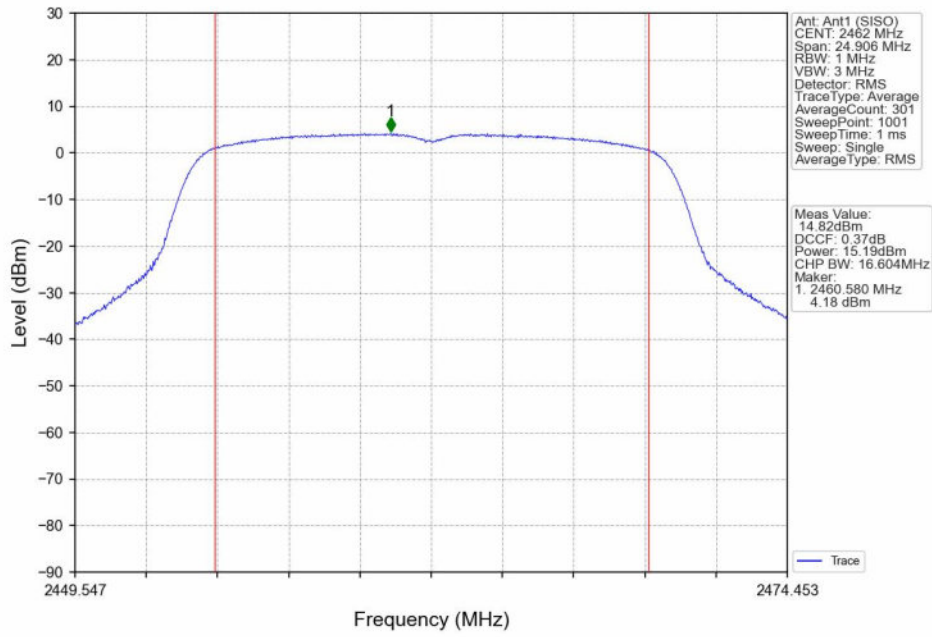
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



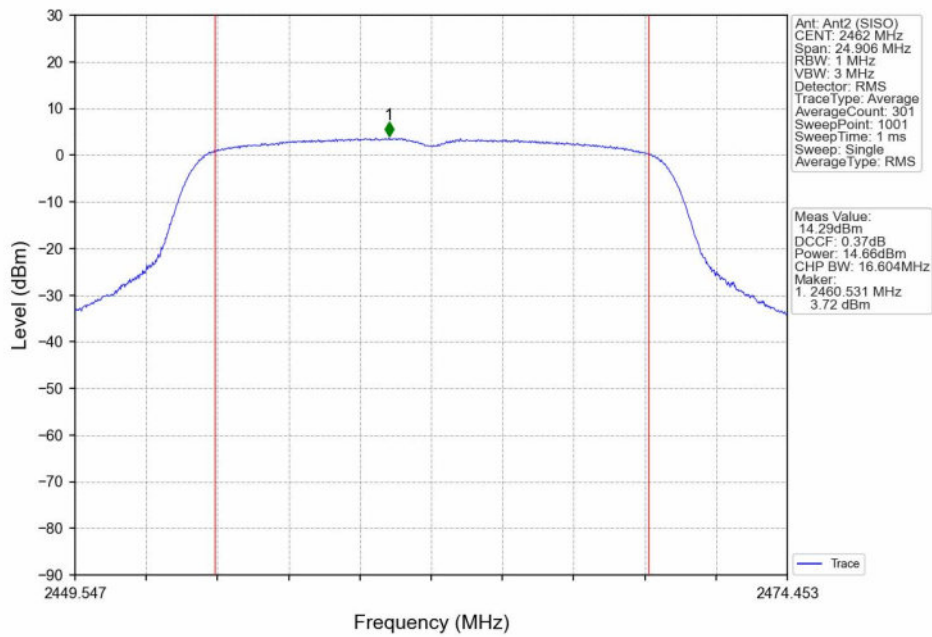
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



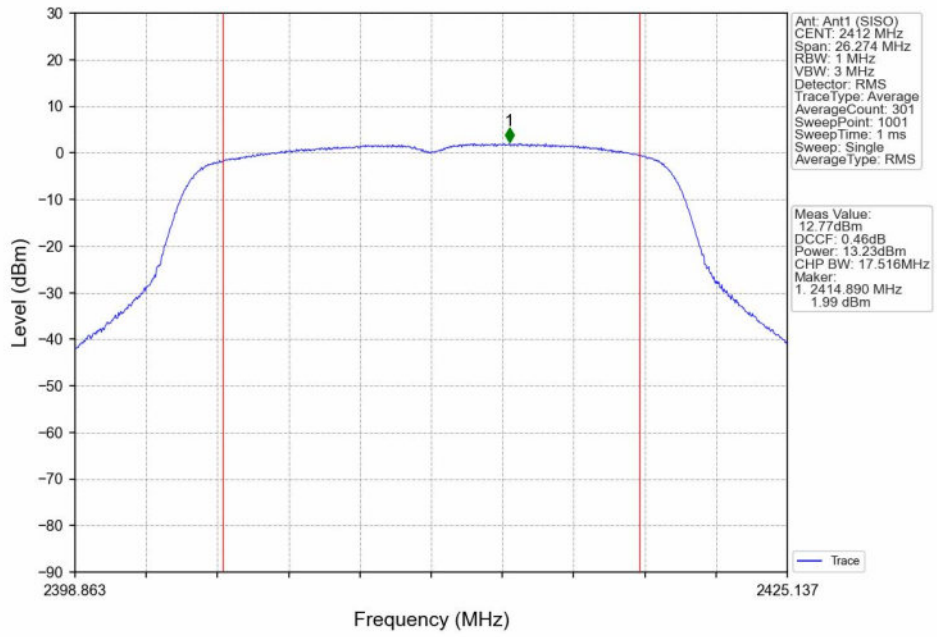
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



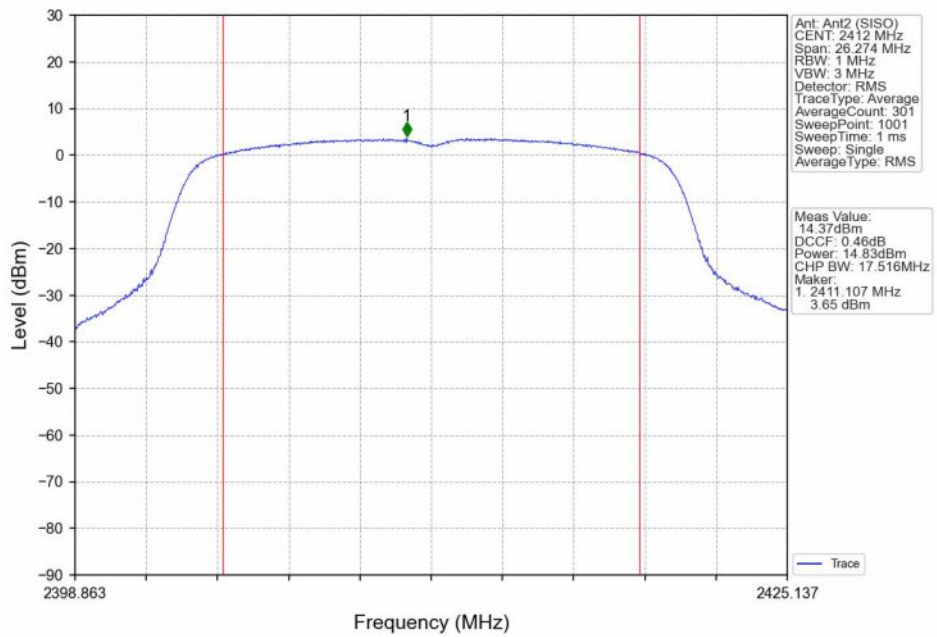
802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



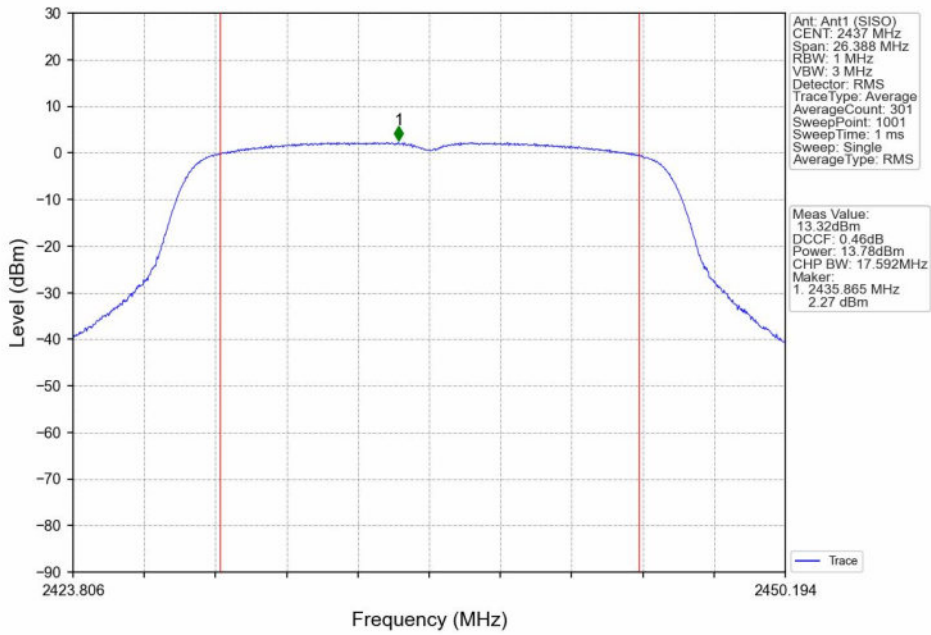
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



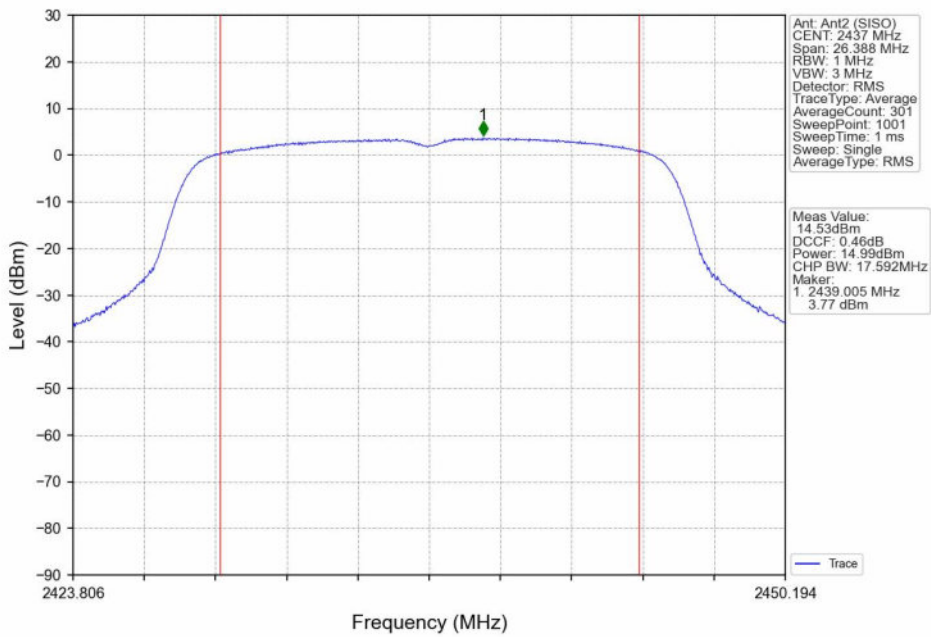
802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV



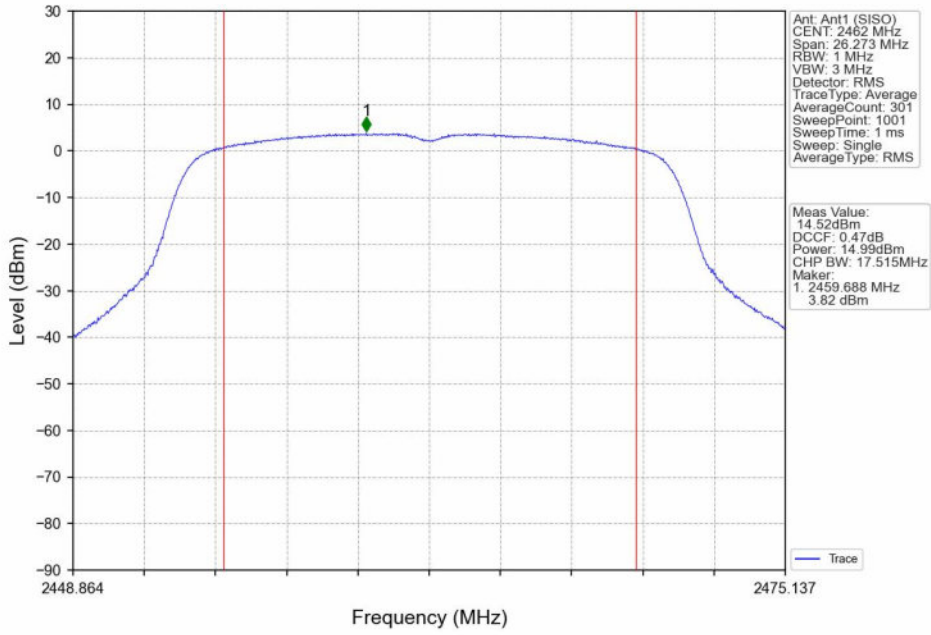
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



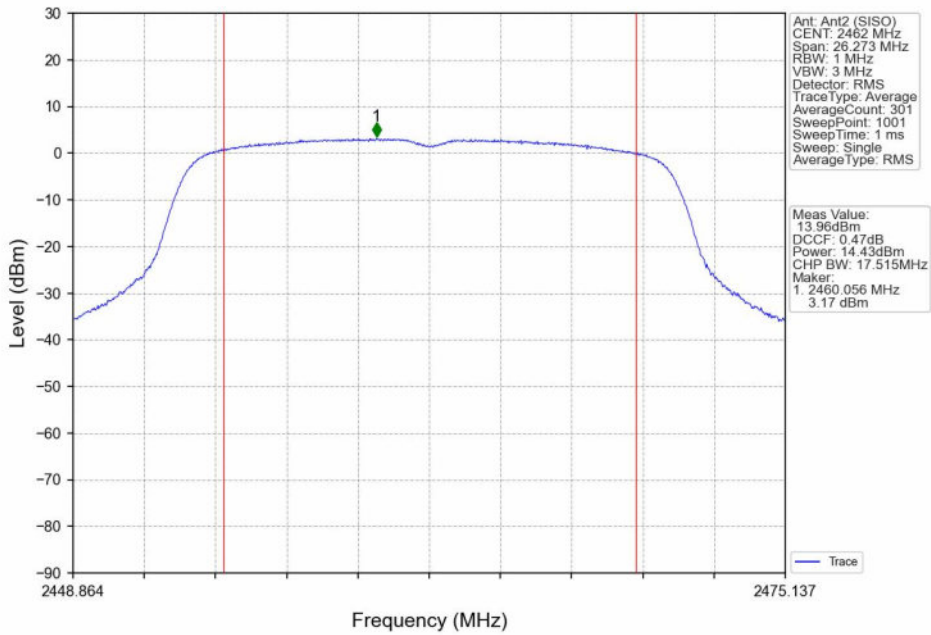
802.11n(HT20)_MCH_2437MHz_Ant2 (SISO)_NTNV



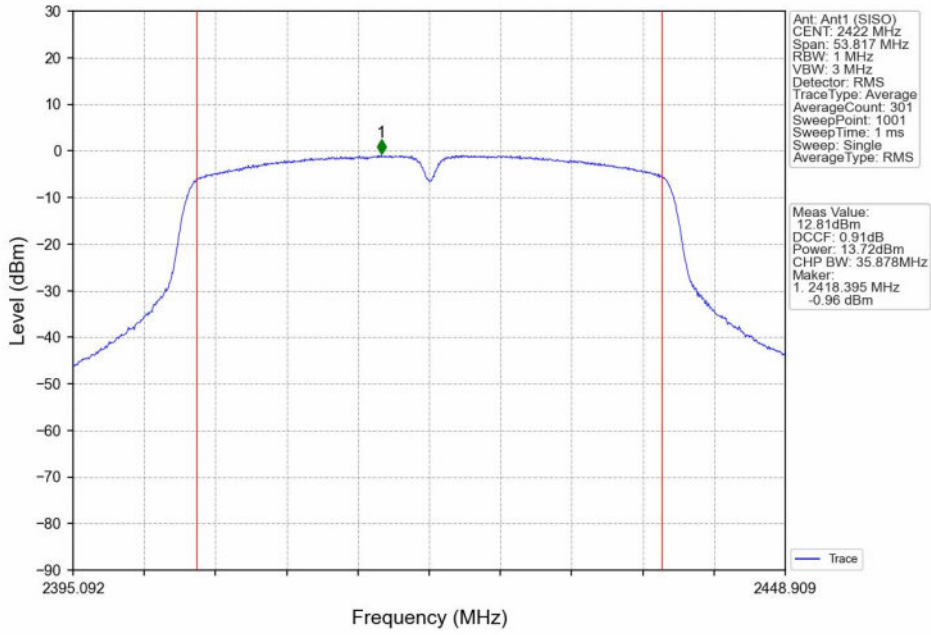
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



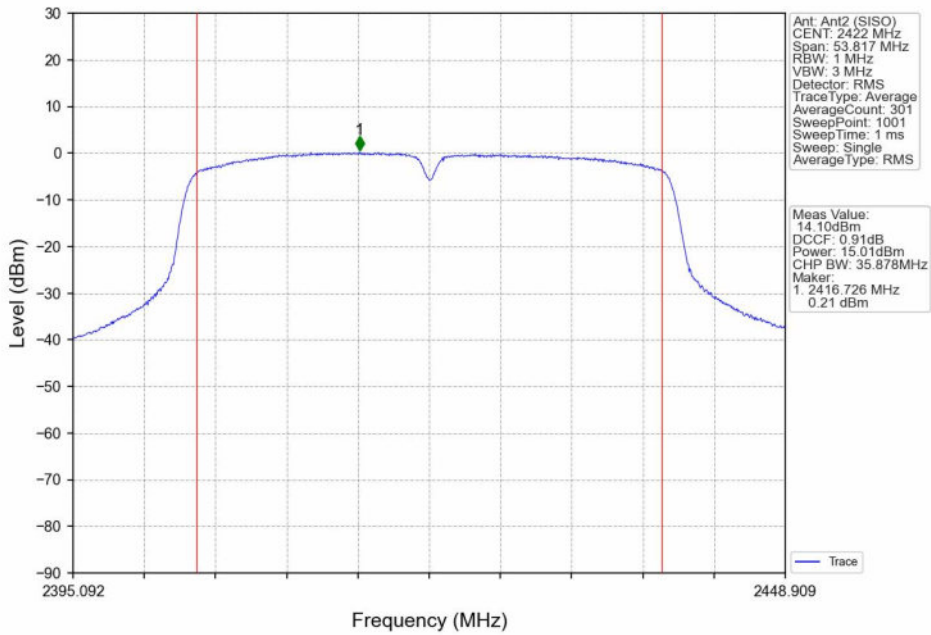
802.11n(HT20)_HCH_2462MHz_Ant2 (SISO)_NTNV



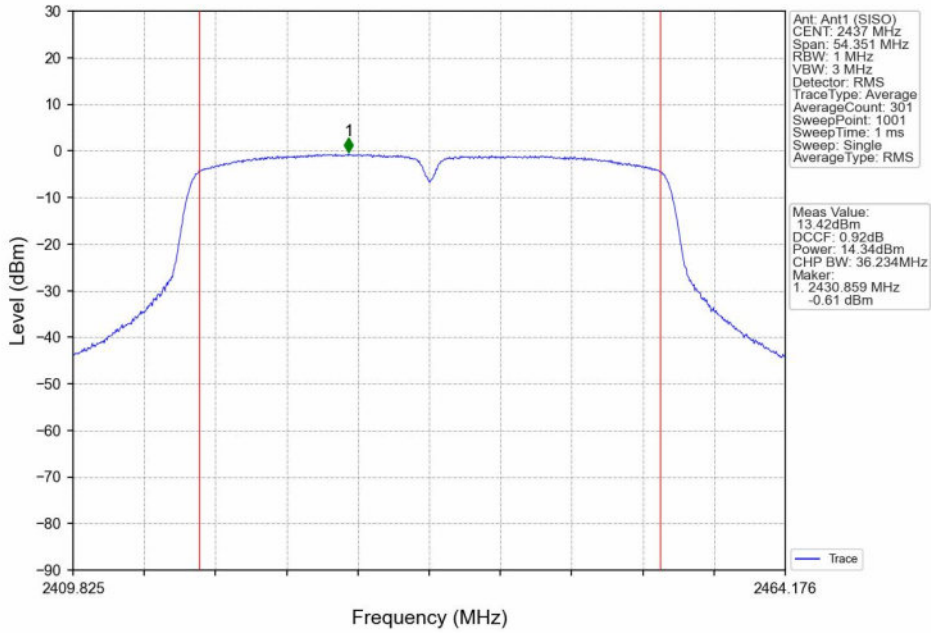
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



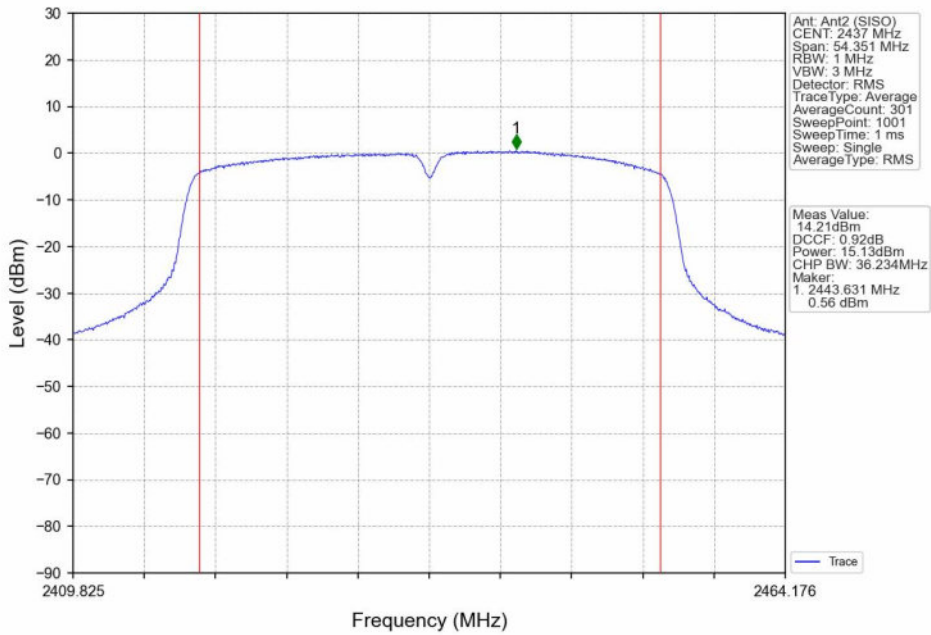
802.11n(HT40)_LCH_2422MHz_Ant2 (SISO)_NTNV



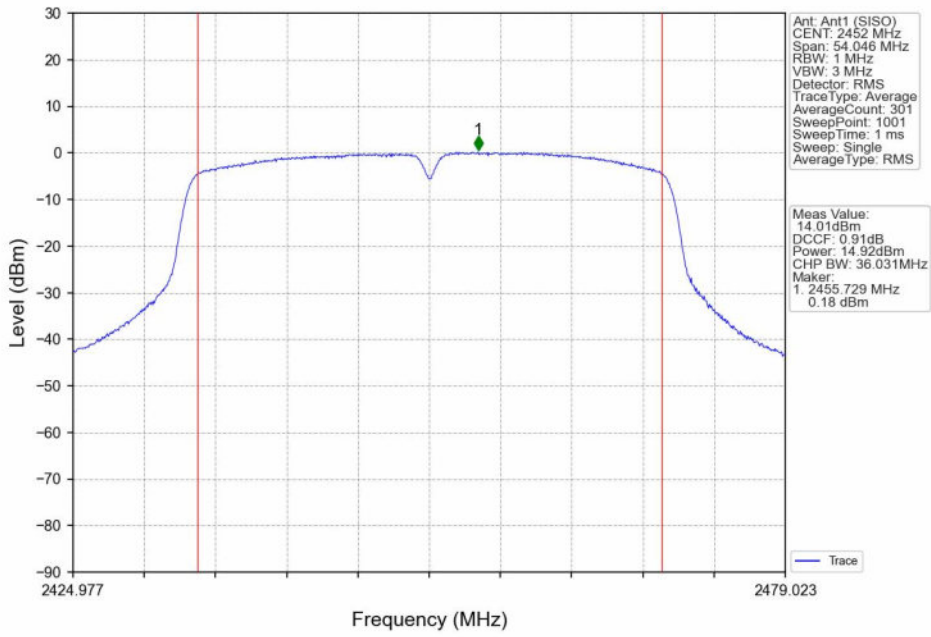
802.11n(HT40)_MCH_2437MHz_Ant1(SISO)_NTNV



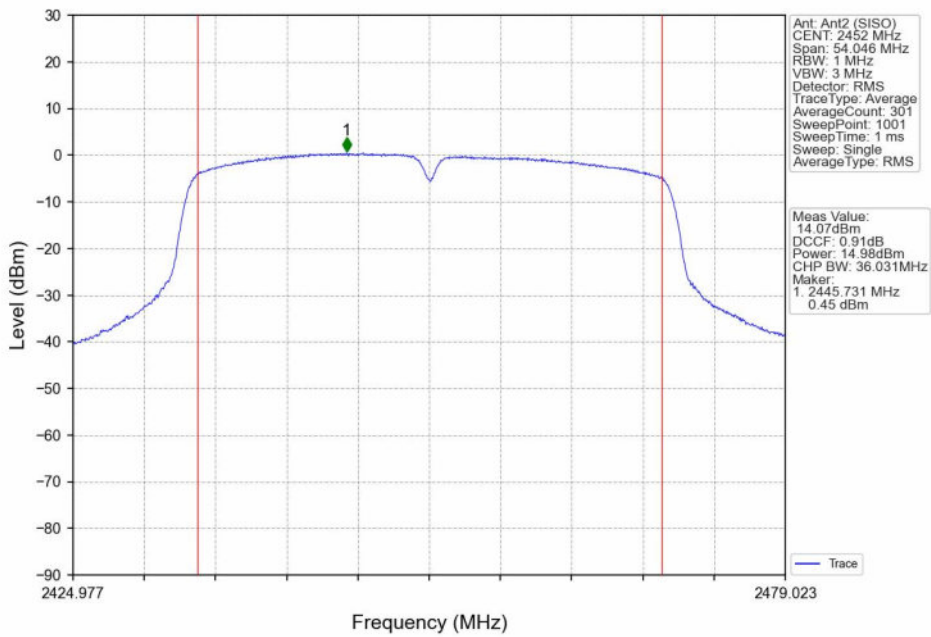
802.11n(HT40)_MCH_2437MHz_Ant2(SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1(SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant2(SISO)_NTNV



3. Maximum Power Spectral Density

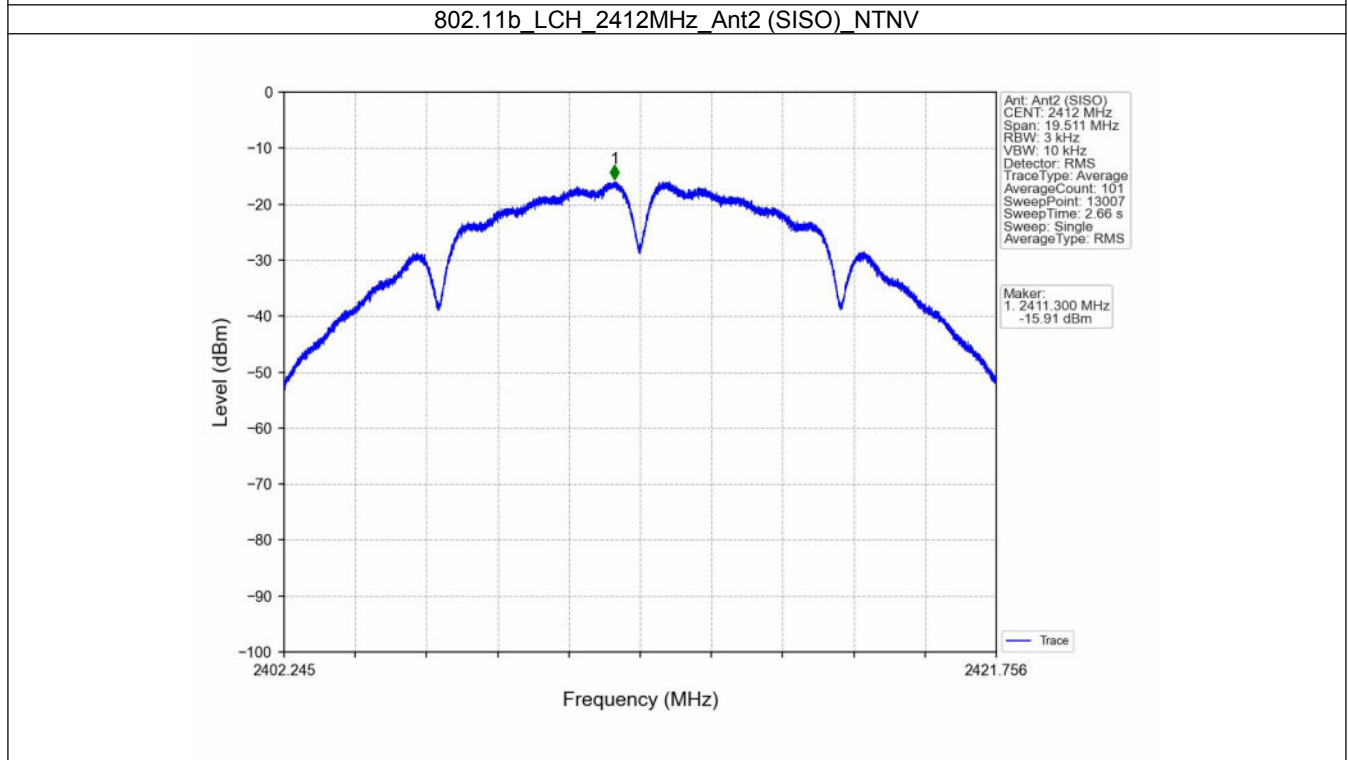
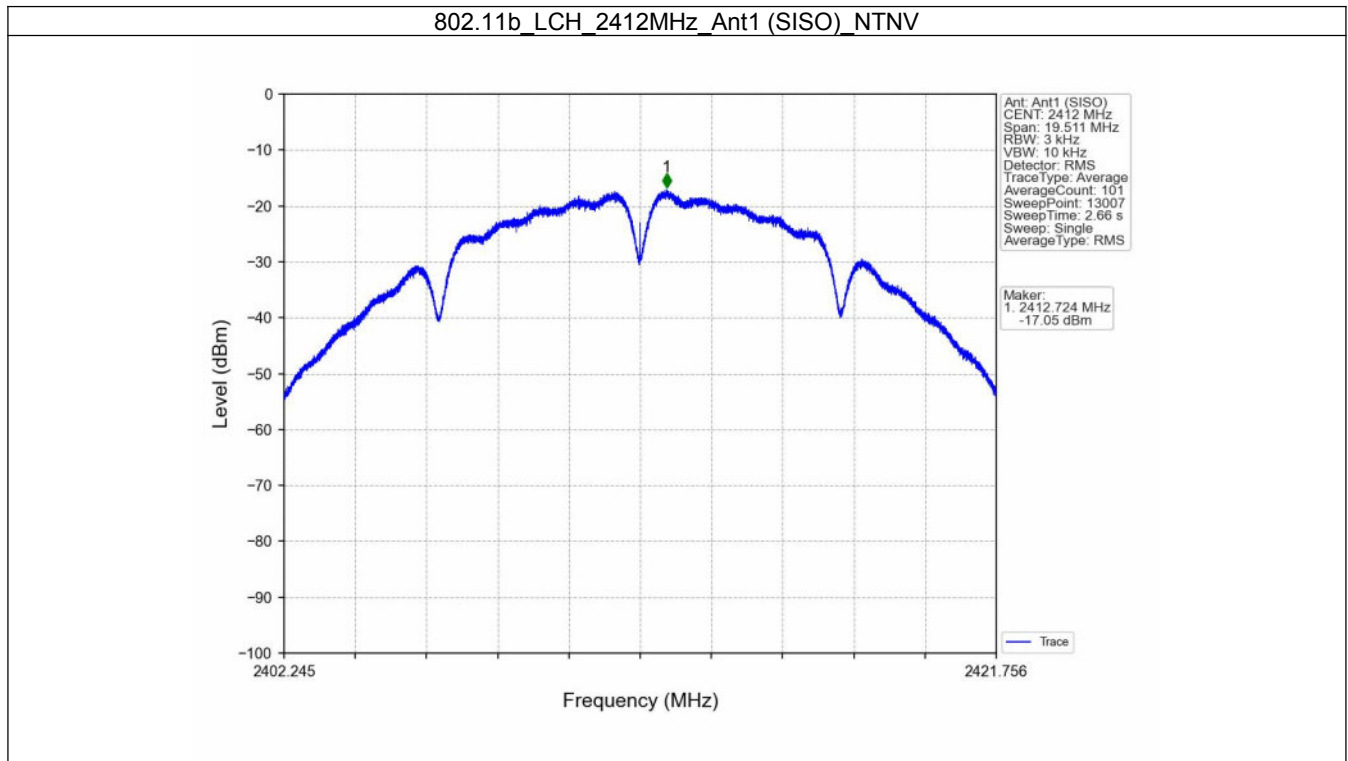
3.1 PSD

3.1.1 Test Result

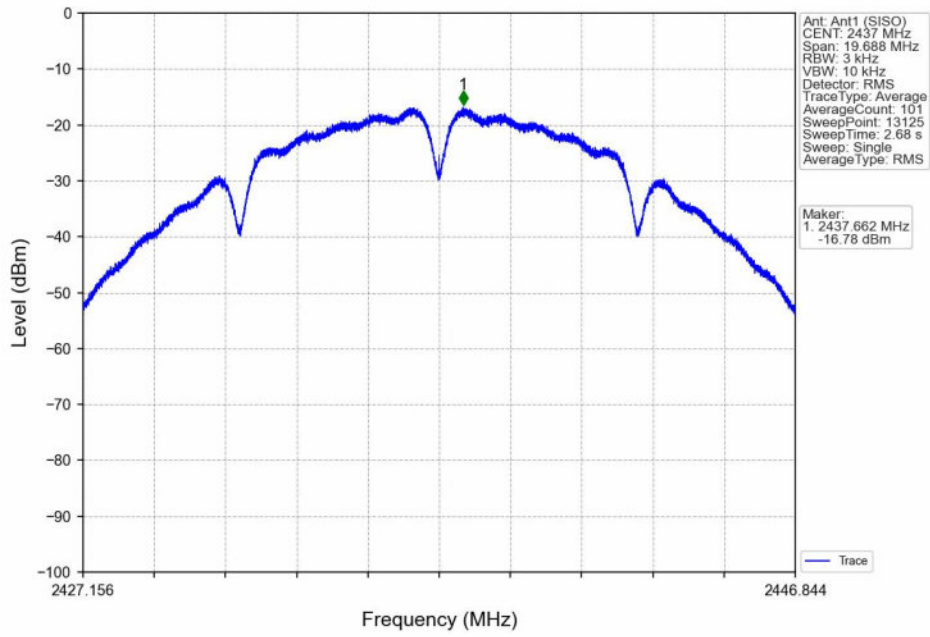
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)			Verdict
			ANT1	ANT2	Limit	
802.11b	SISO	2412	-17.05	-15.91	<=8	Pass
		2437	-16.78	-15.85	<=8	Pass
		2462	-15.58	-16.41	<=8	Pass
802.11g	SISO	2412	-19.99	-18.54	<=8	Pass
		2437	-19.43	-18.34	<=8	Pass
		2462	-18.46	-19.29	<=8	Pass
802.11n (HT20)	SISO	2412	-20.78	-19.41	<=8	Pass
		2437	-20.52	-19.26	<=8	Pass
		2462	-19.24	-19.87	<=8	Pass
802.11n (HT40)	SISO	2422	-21.70	-21.22	<=8	Pass
		2437	-22.07	-20.71	<=8	Pass
		2452	-20.74	-20.74	<=8	Pass

Note1: Antenna Gain: Ant1: 2.11dBi; Ant2: -0.74dBi;

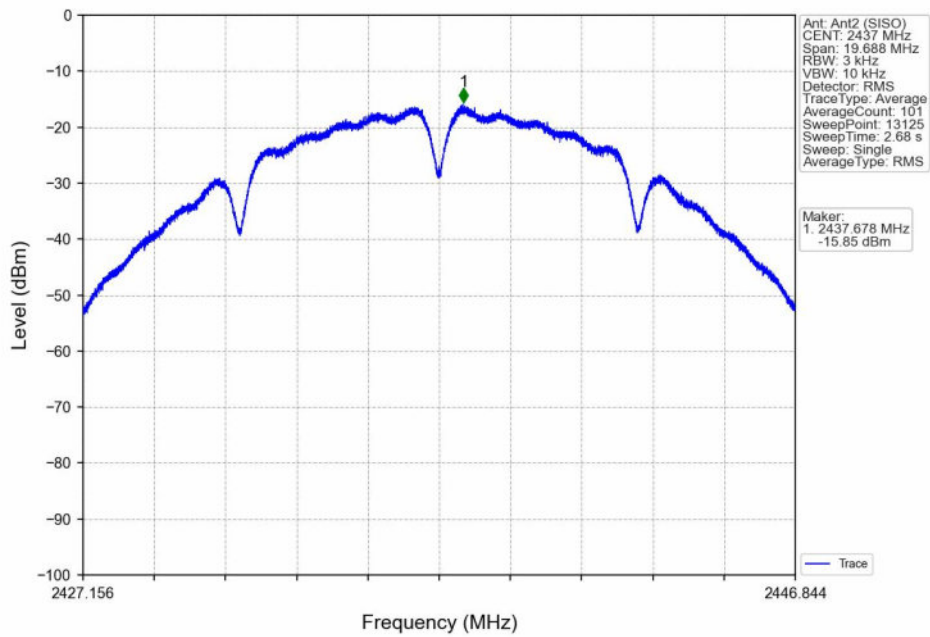
3.1.2 Test Graph



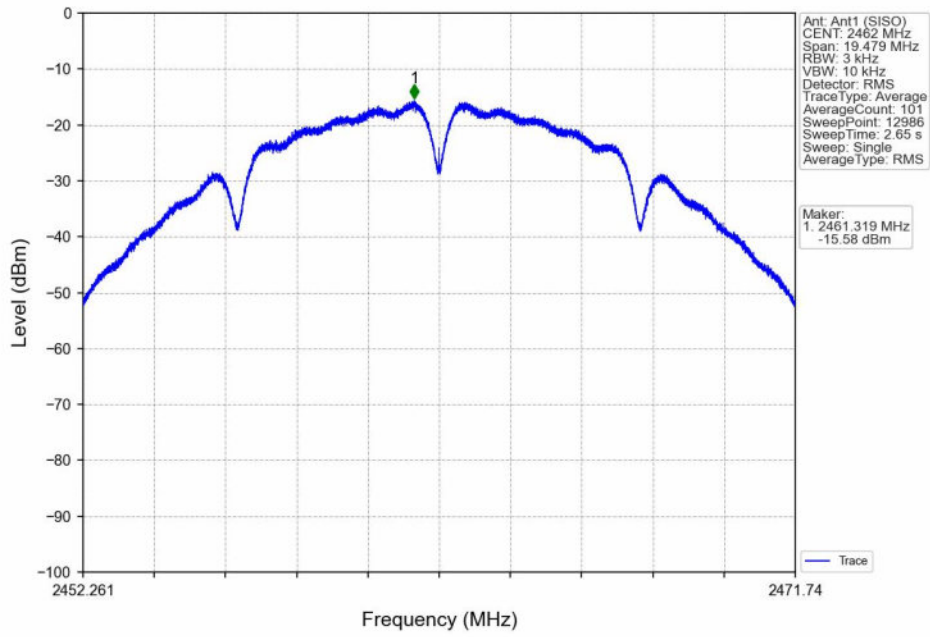
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



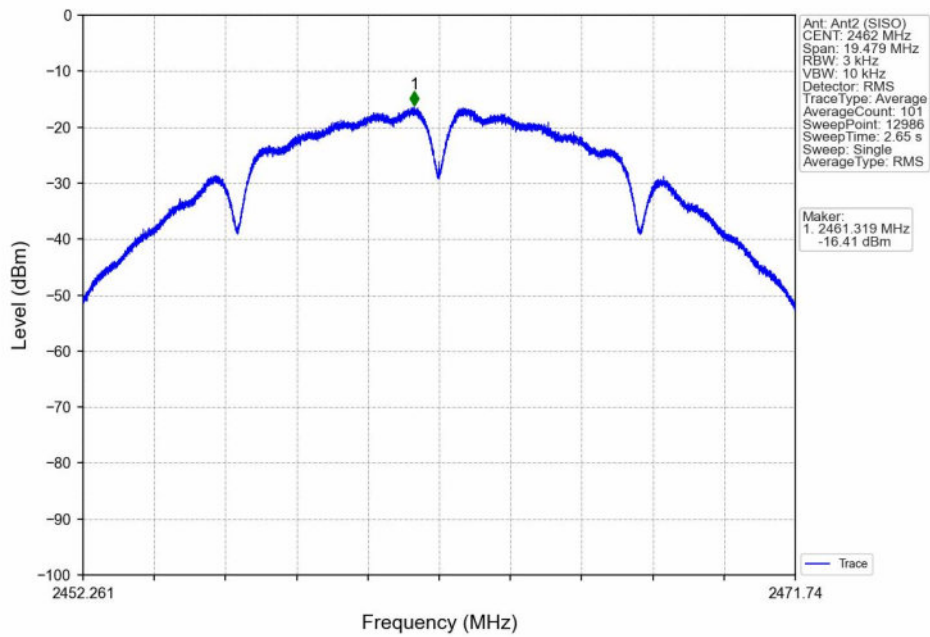
802.11b_MCH_2437MHz_Ant2 (SISO)_NTNV



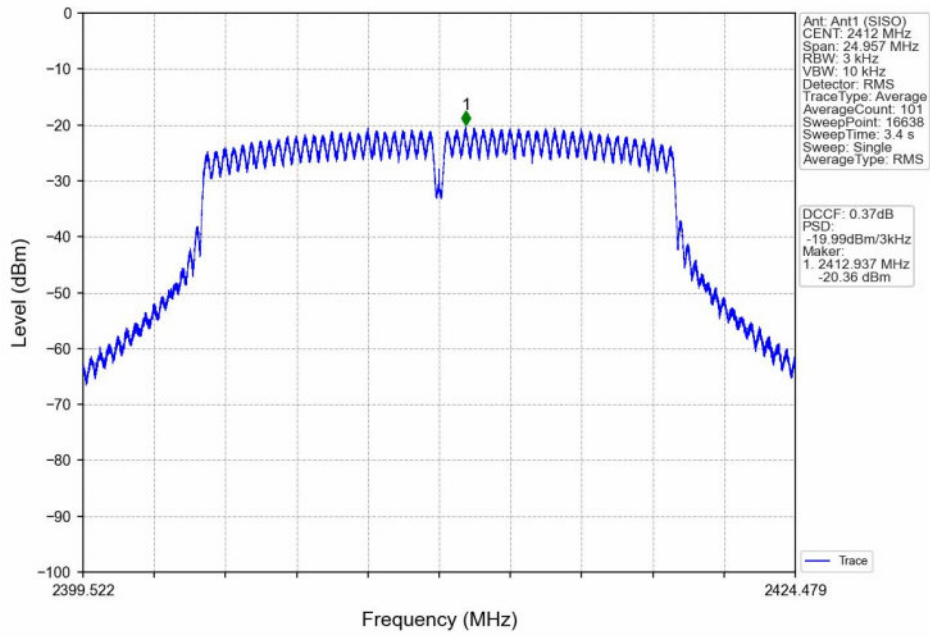
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



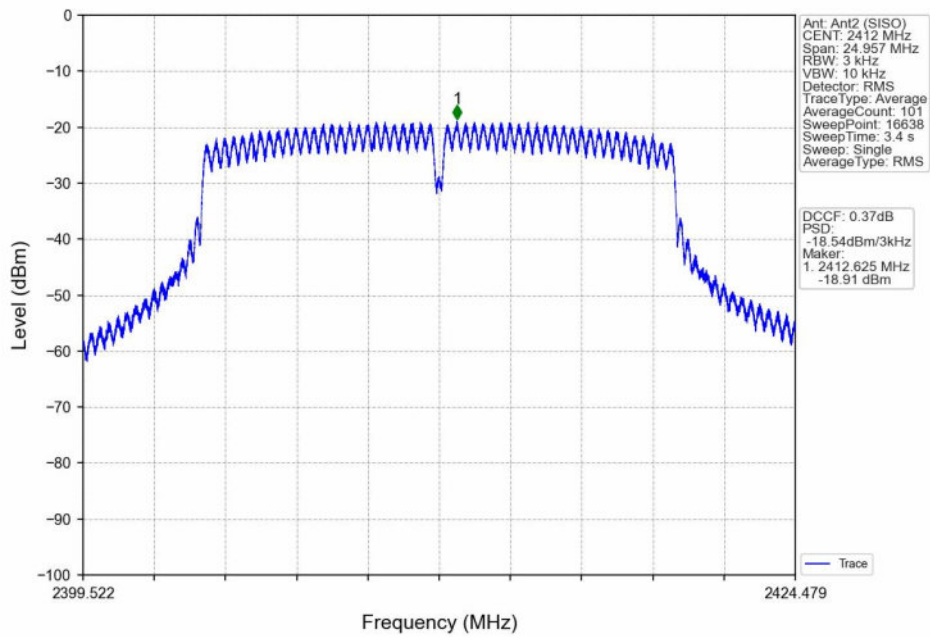
802.11b_HCH_2462MHz_Ant2 (SISO)_NTNV



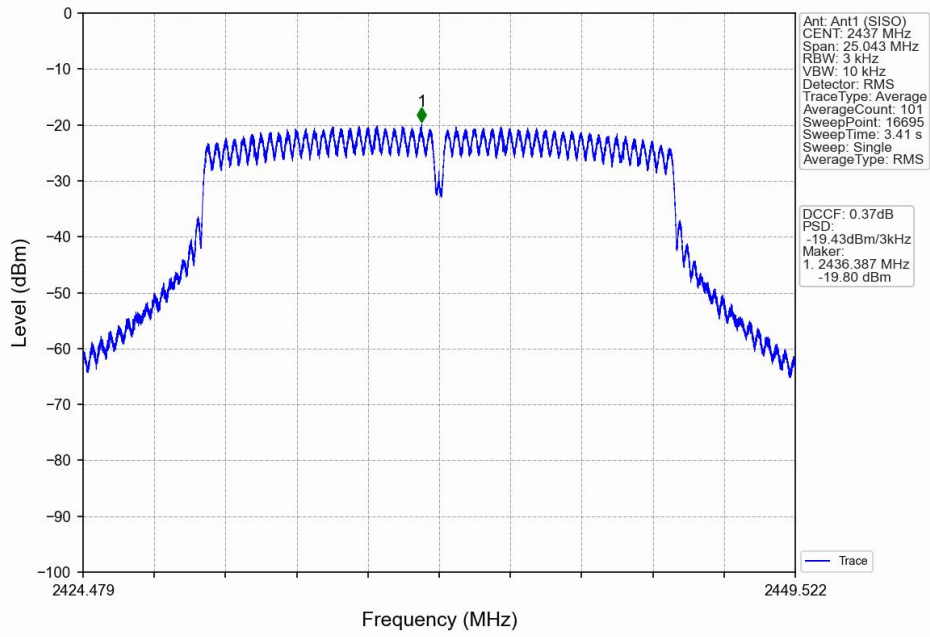
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



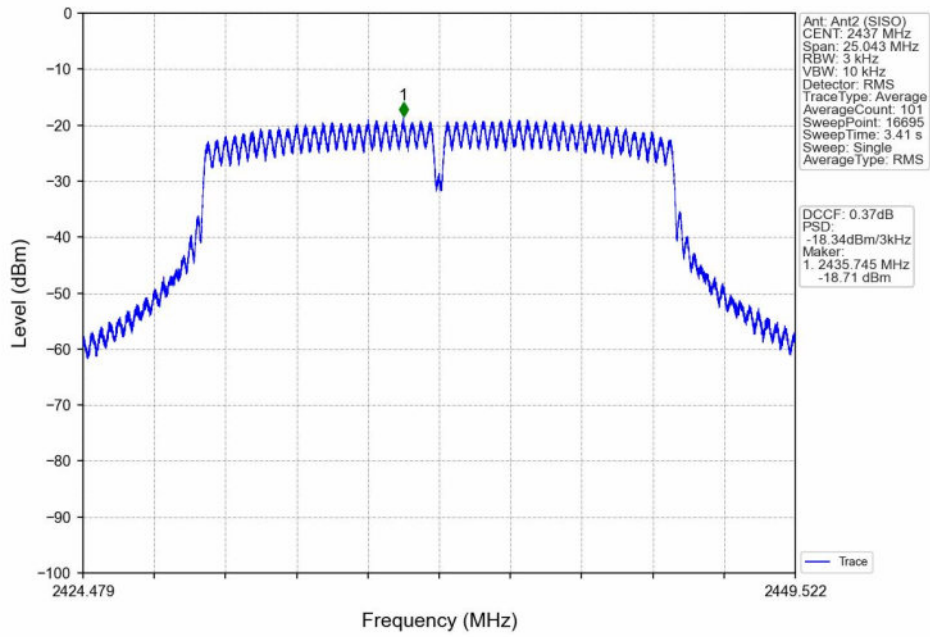
802.11g_LCH_2412MHz_Ant2 (SISO)_NTNV



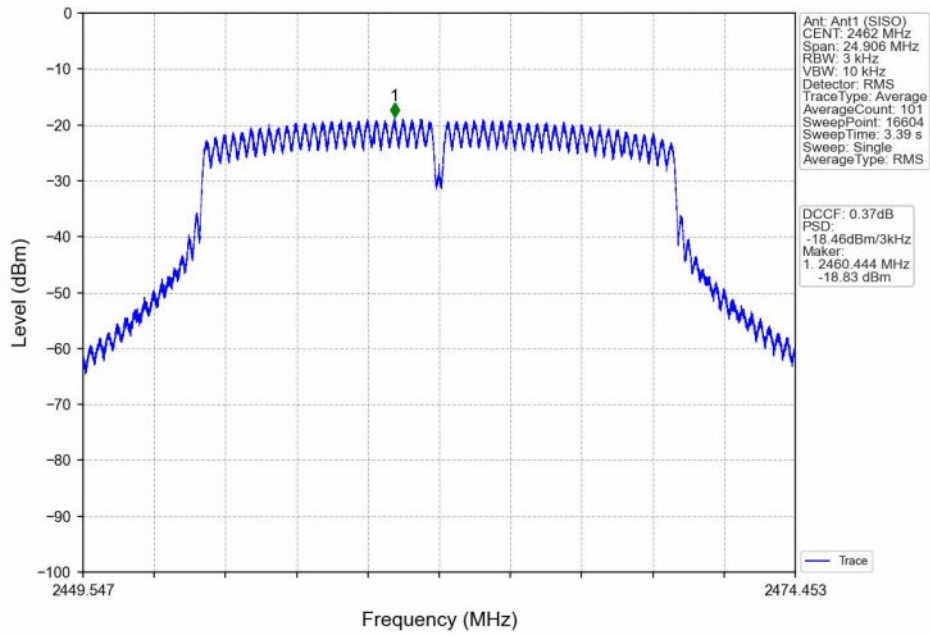
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



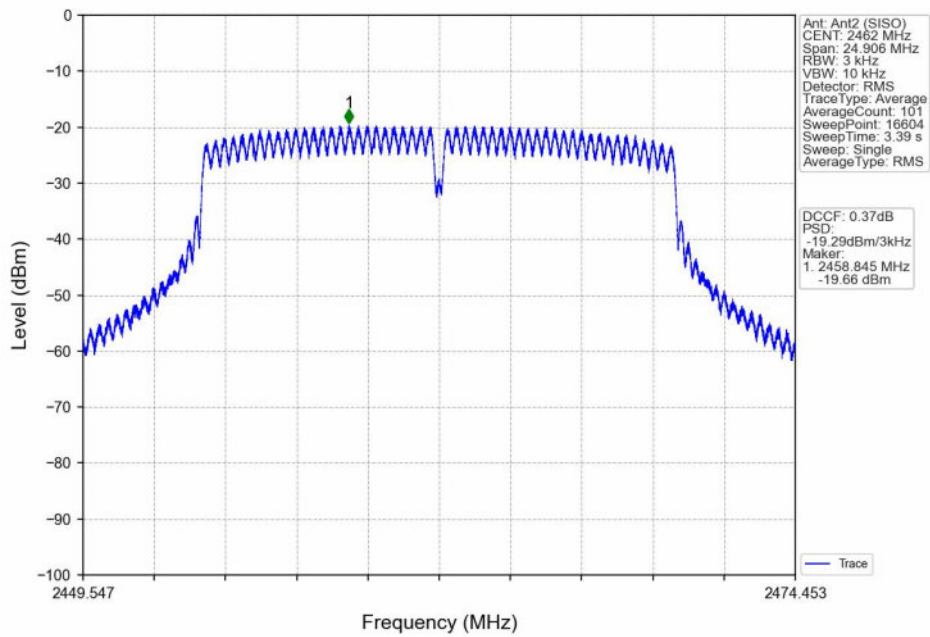
802.11g_MCH_2437MHz_Ant2 (SISO)_NTNV



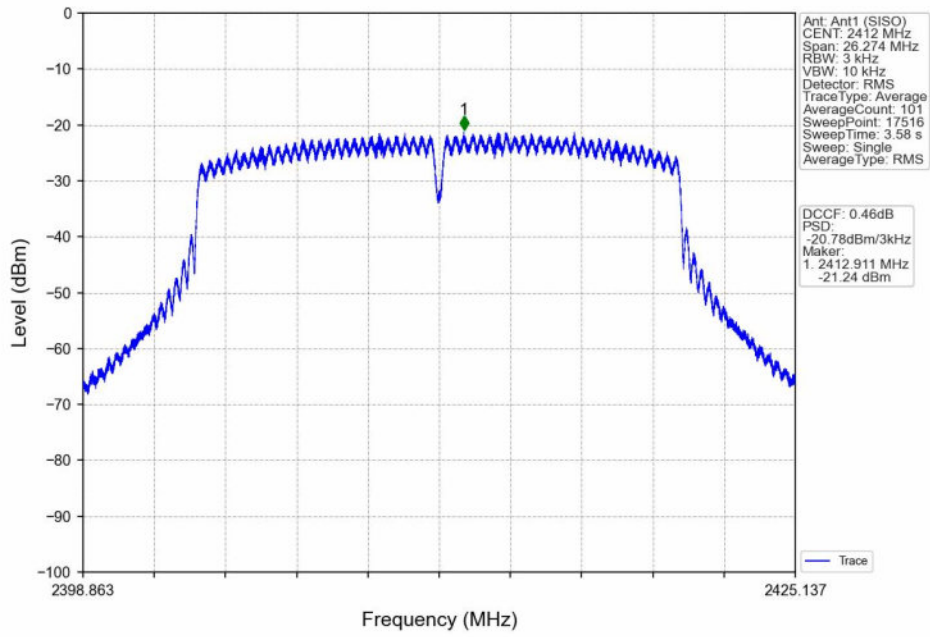
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant2 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant2 (SISO)_NTNV

