

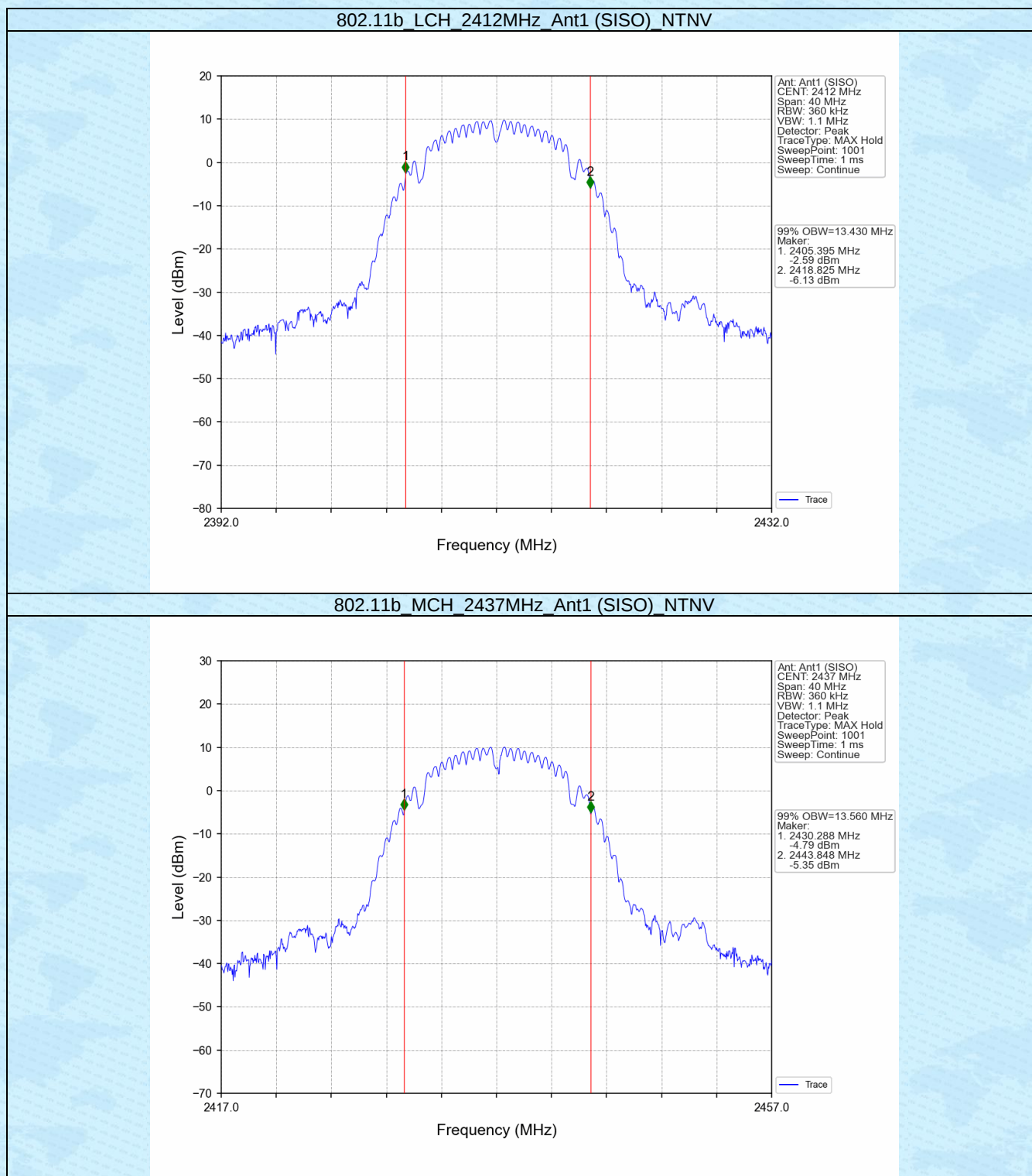
1. Bandwidth

1.1 OBW

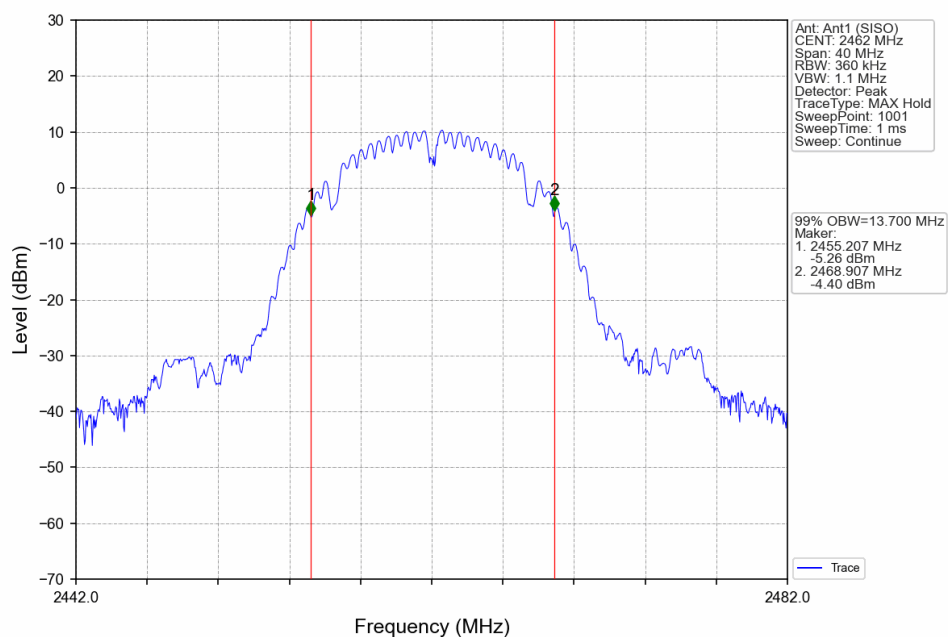
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11b	SISO	2412	1	13.430	Pass
		2437	1	13.560	Pass
		2462	1	13.700	Pass
802.11g	SISO	2412	1	18.792	Pass
		2437	1	18.895	Pass
		2462	1	18.958	Pass
802.11n (HT20)	SISO	2412	1	19.647	Pass
		2437	1	19.547	Pass
		2462	1	19.767	Pass
802.11n (HT40)	SISO	2422	1	39.522	Pass
		2437	1	39.553	Pass
		2452	1	39.304	Pass

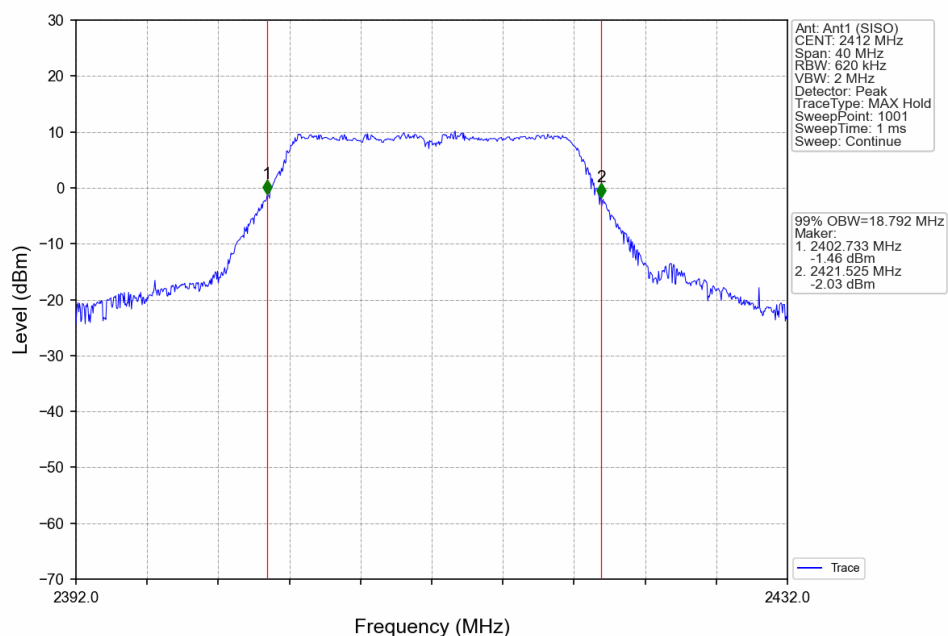
1.1.2 Test Graph



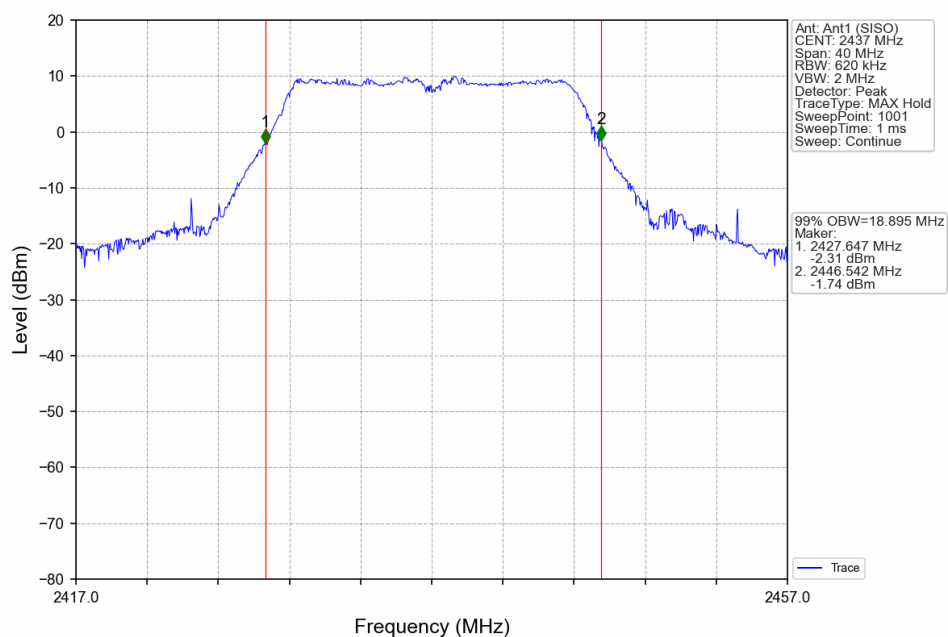
802.11b HCH 2462MHz_Ant1 (SISO) NTN



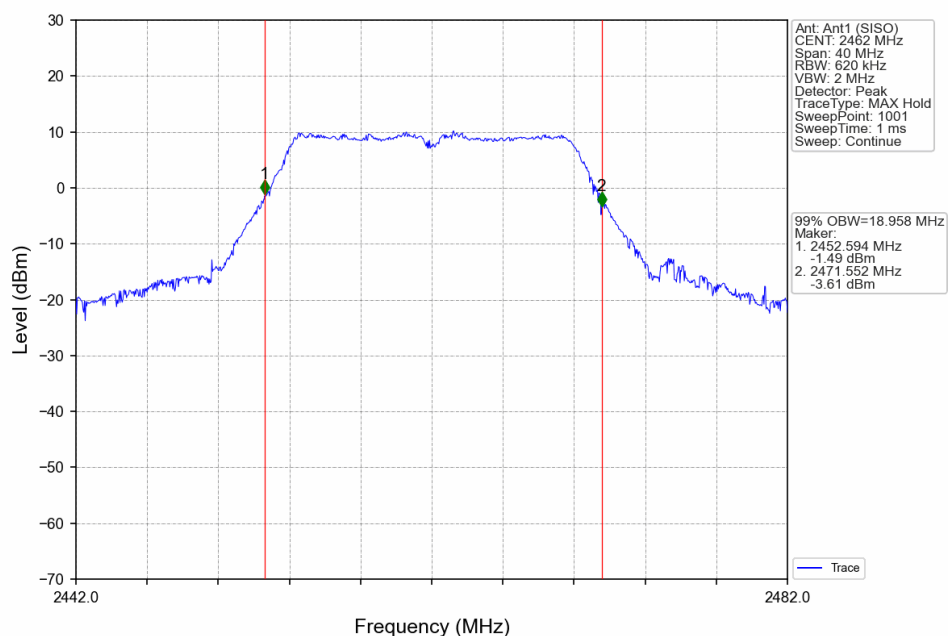
802.11g LCH 2412MHz_Ant1 (SISO) NTN



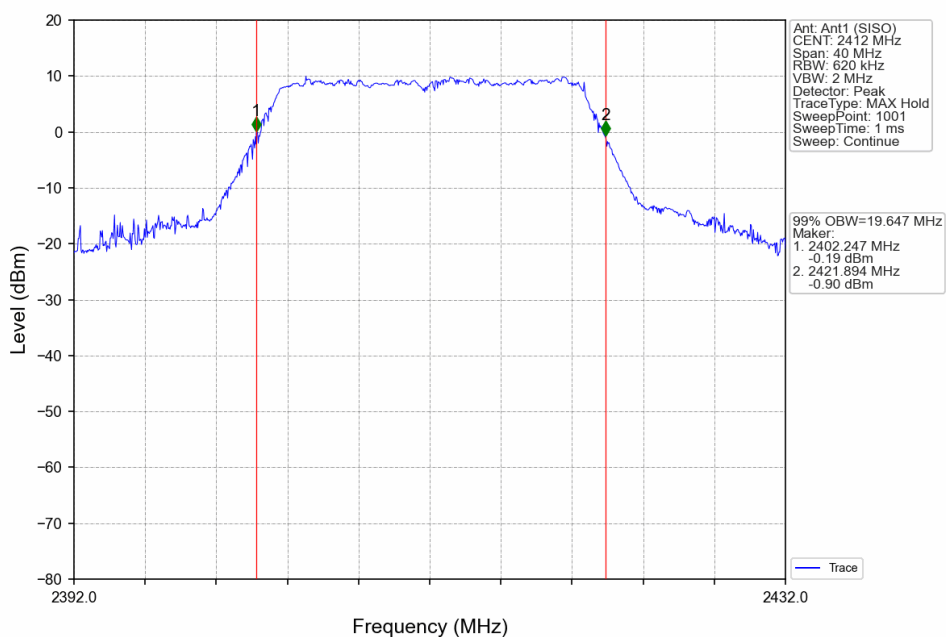
802.11g MCH 2437MHz_Ant1 (SISO)_NTNV



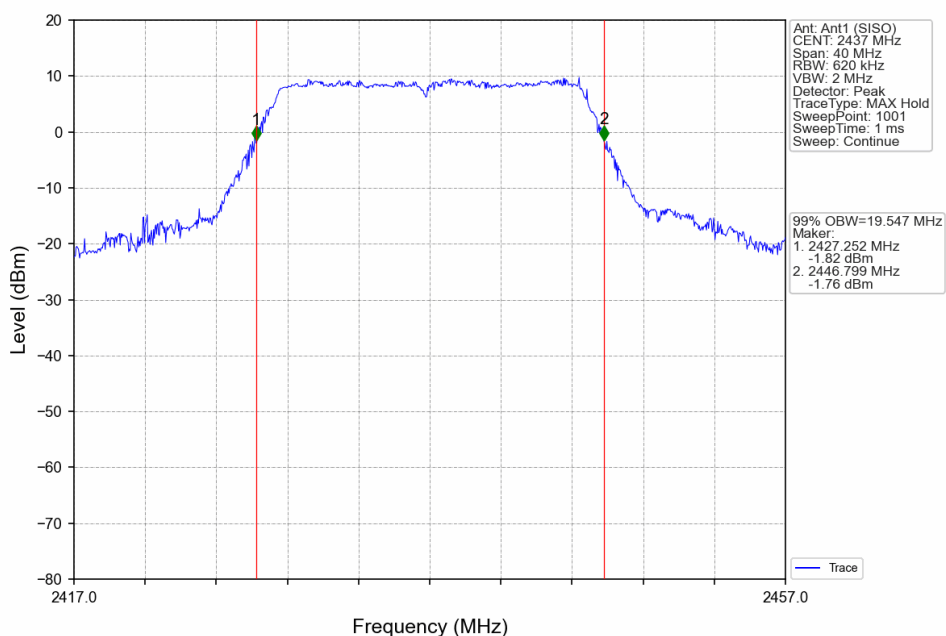
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



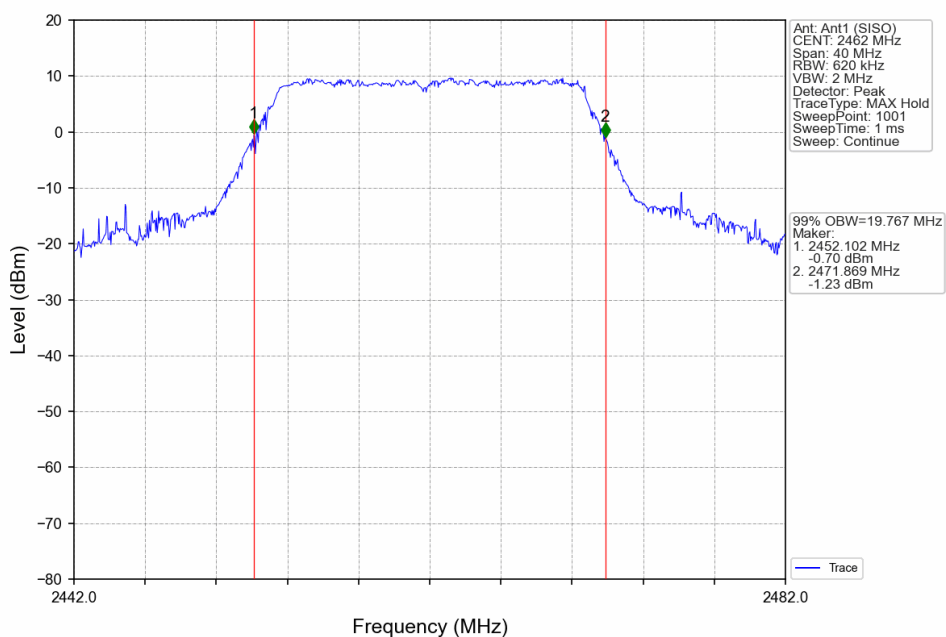
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



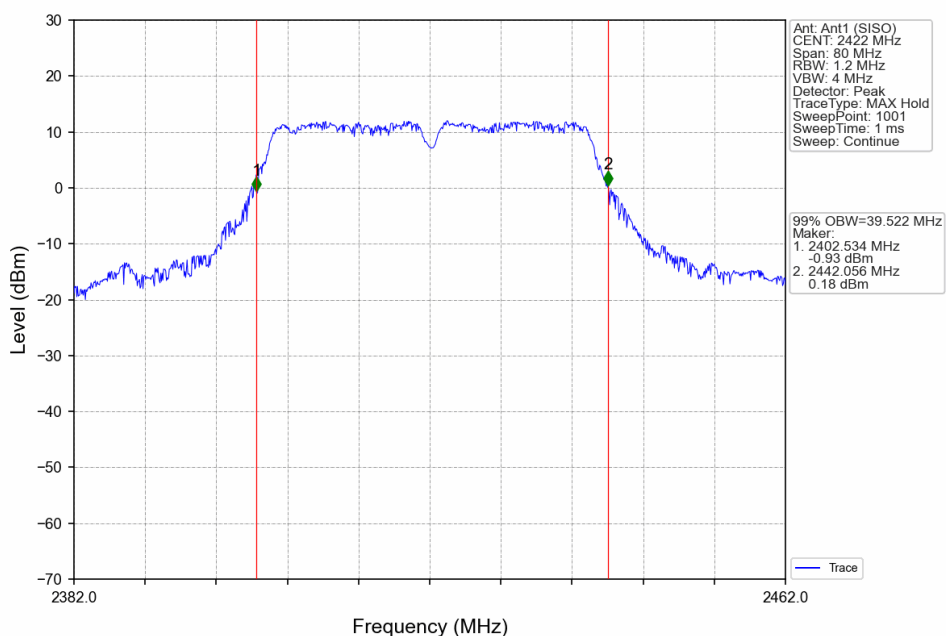
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



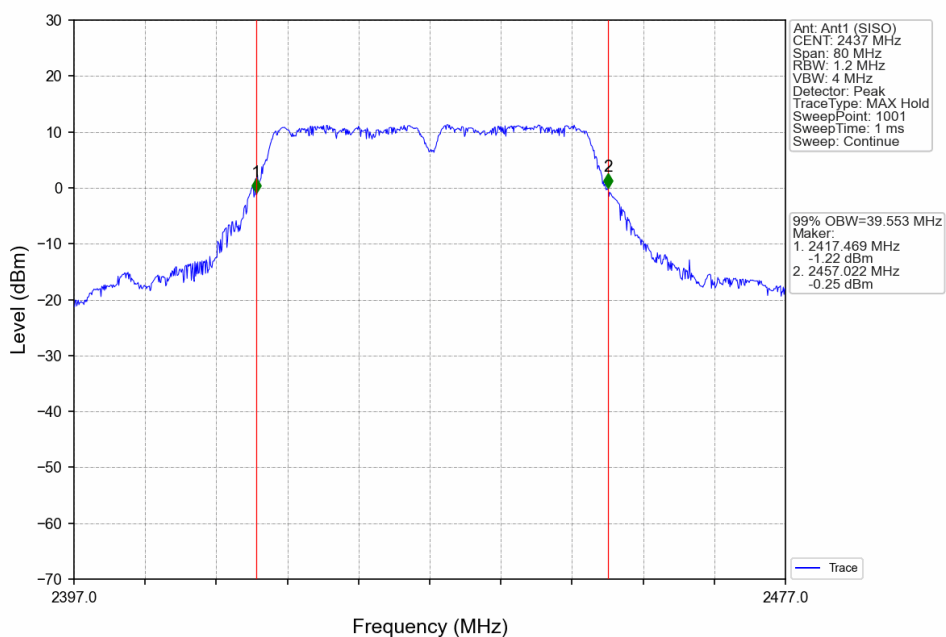
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



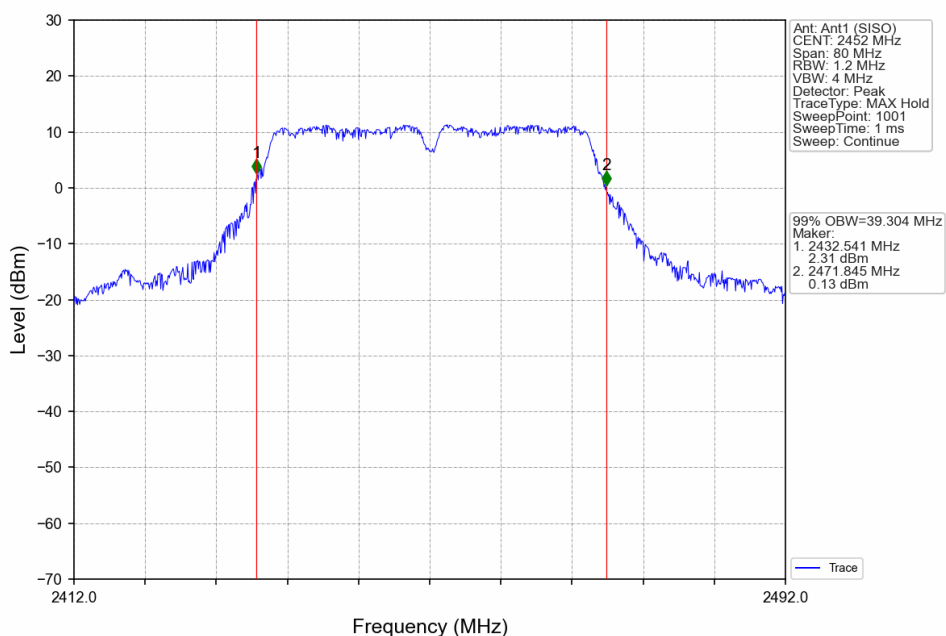
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

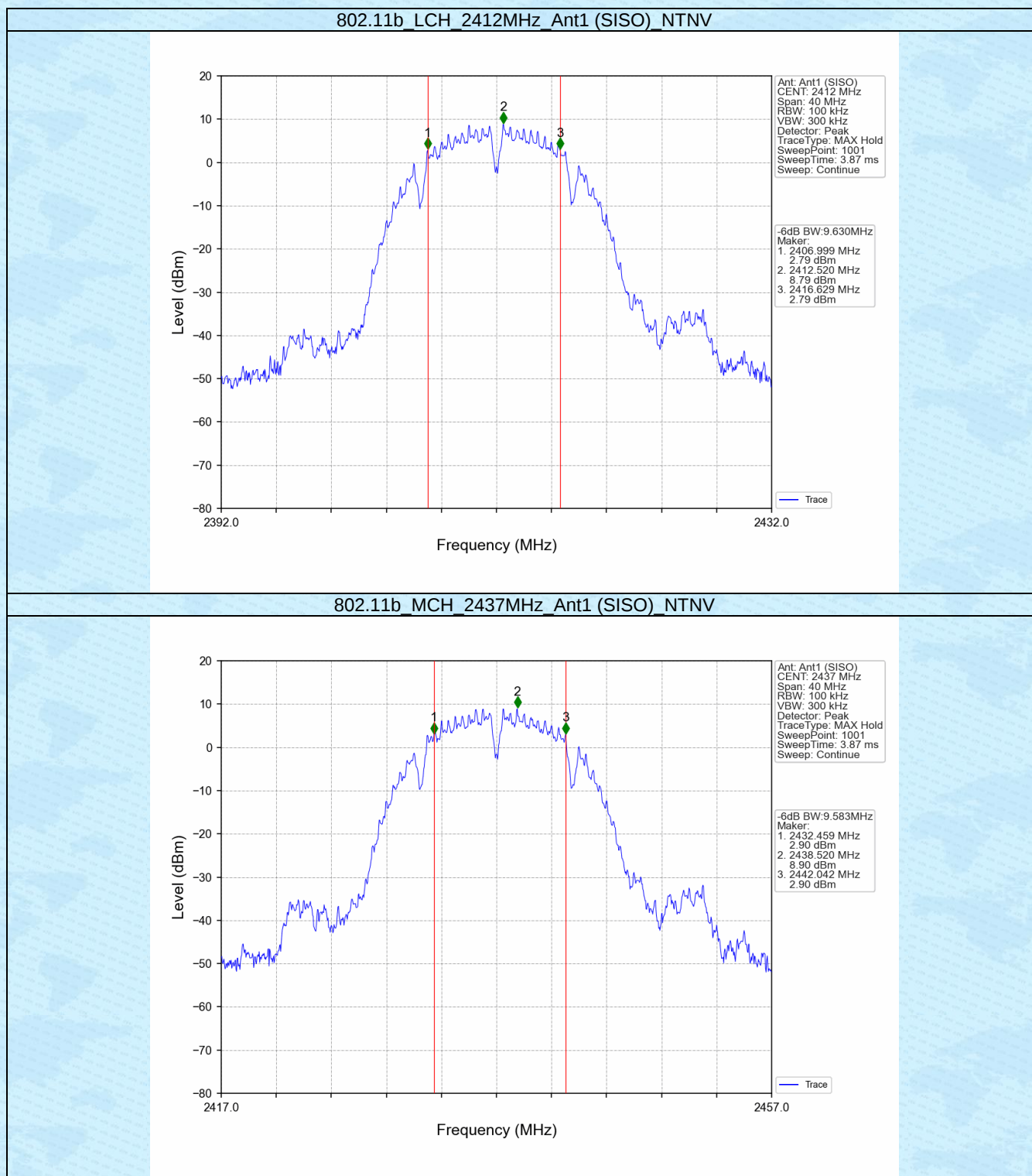


1.2 6dB BW

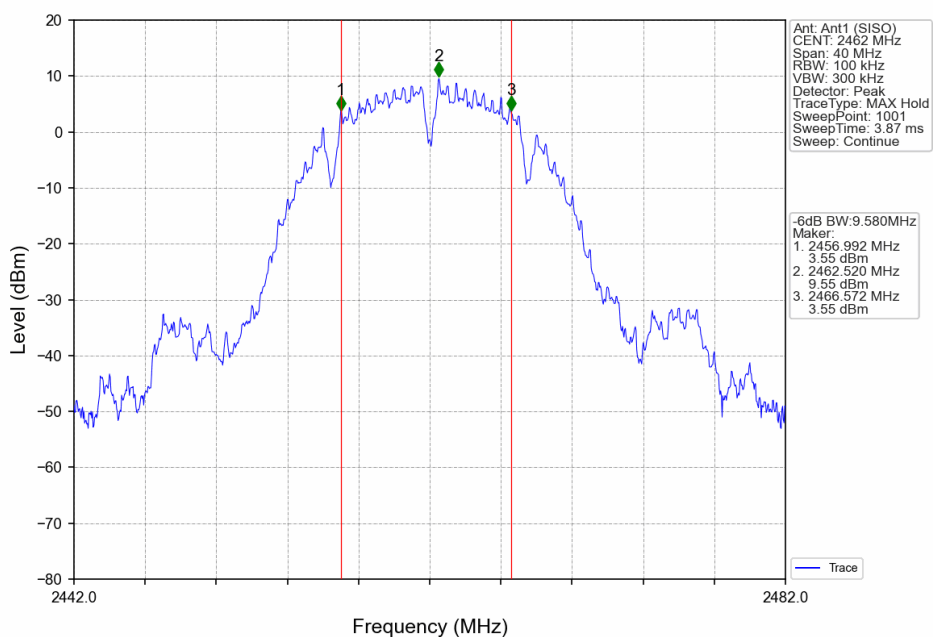
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	9.630	≥ 0.5	Pass
		2437	1	9.583	≥ 0.5	Pass
		2462	1	9.580	≥ 0.5	Pass
802.11g	SISO	2412	1	16.364	≥ 0.5	Pass
		2437	1	16.382	≥ 0.5	Pass
		2462	1	16.402	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.570	≥ 0.5	Pass
		2437	1	17.602	≥ 0.5	Pass
		2462	1	17.582	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.320	≥ 0.5	Pass
		2437	1	36.351	≥ 0.5	Pass
		2452	1	36.339	≥ 0.5	Pass

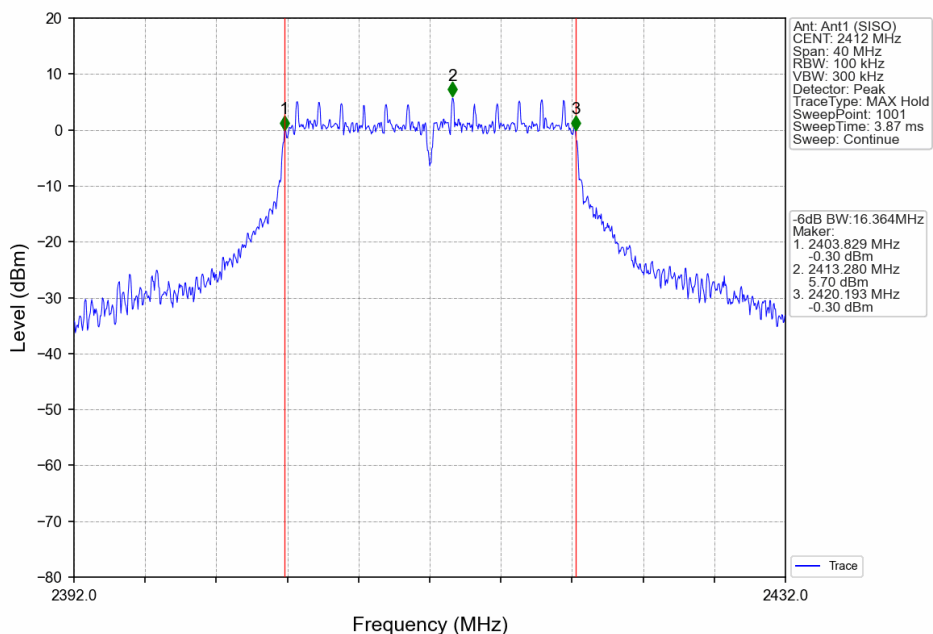
1.2.2 Test Graph



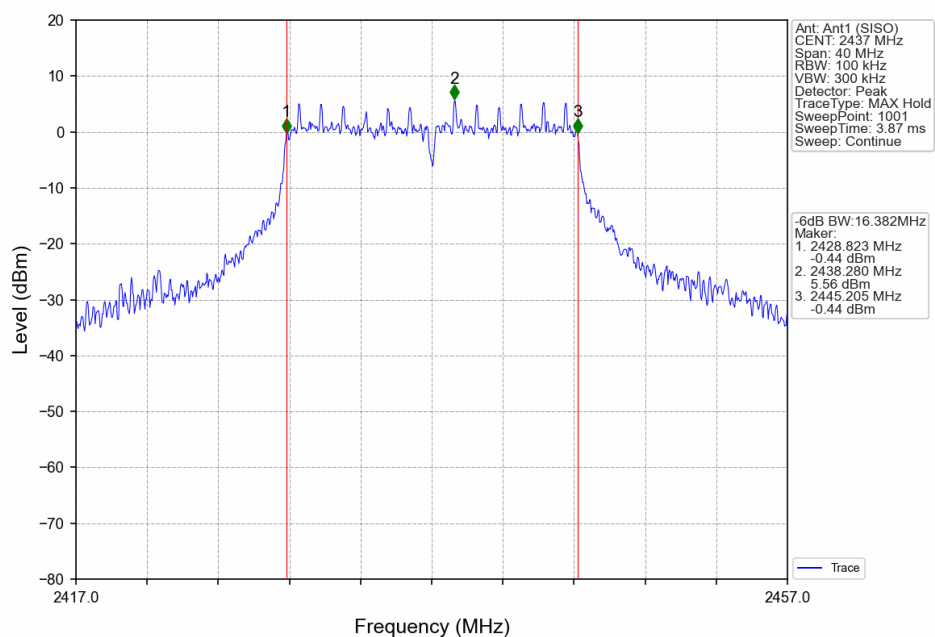
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



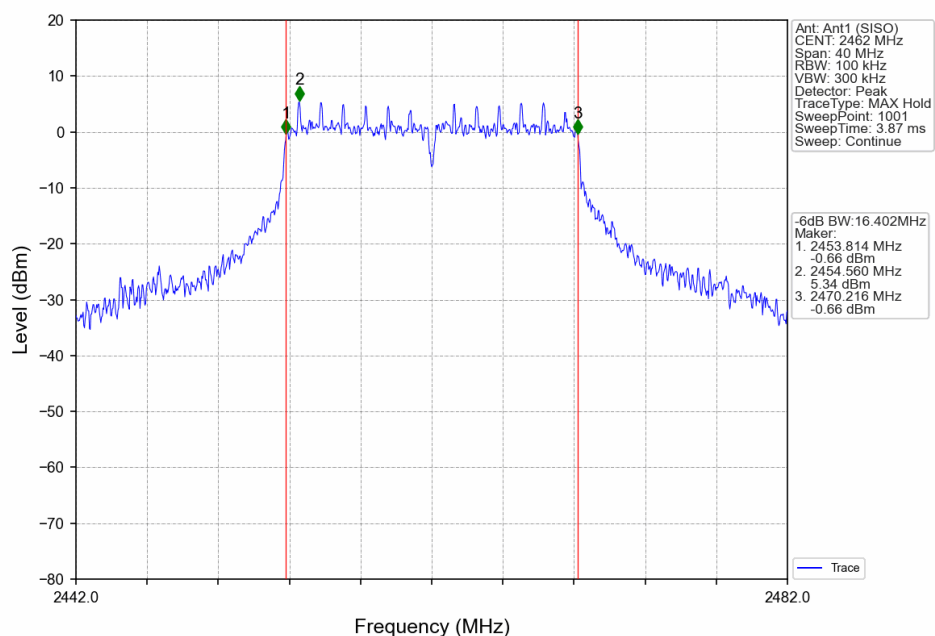
802.11g LCH 2412MHz_Ant1 (SISO)_NTNV



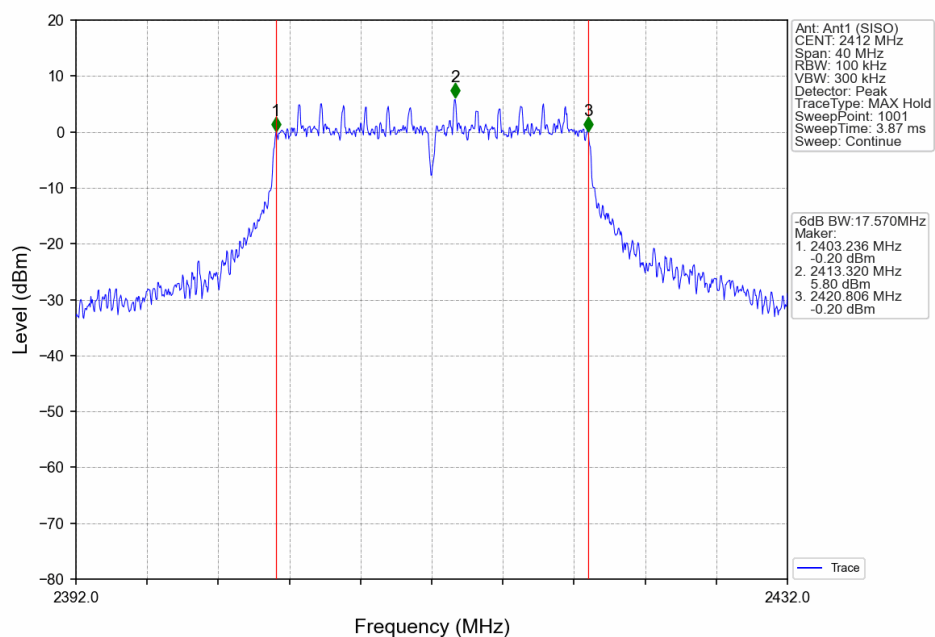
802.11g MCH 2437MHz_Ant1 (SISO)_NTNV



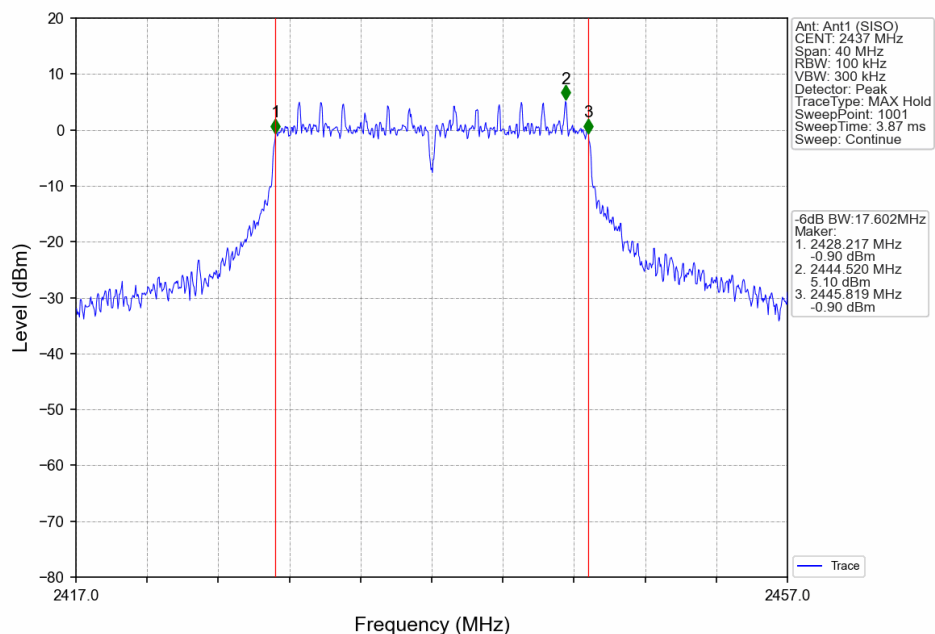
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



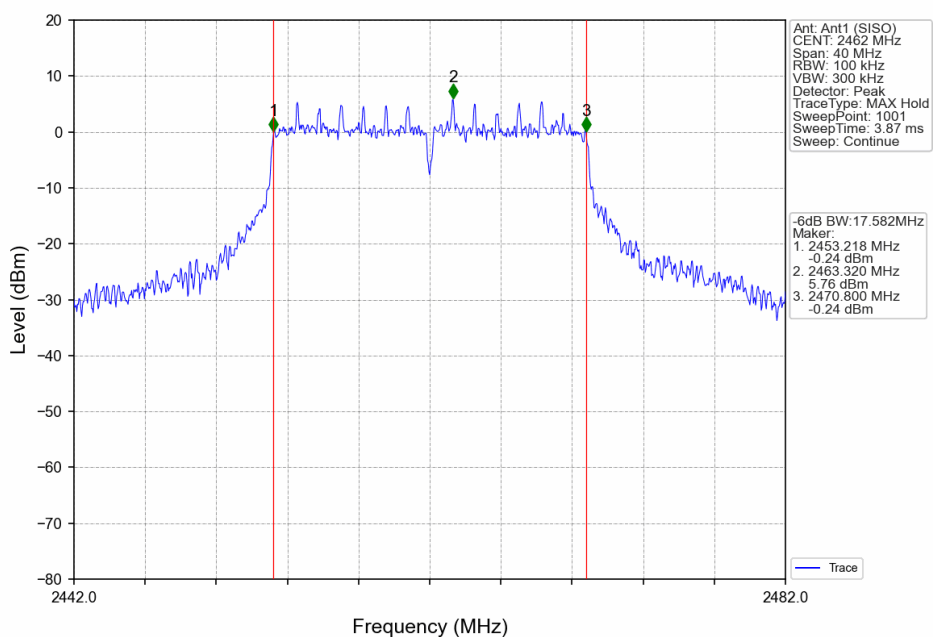
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



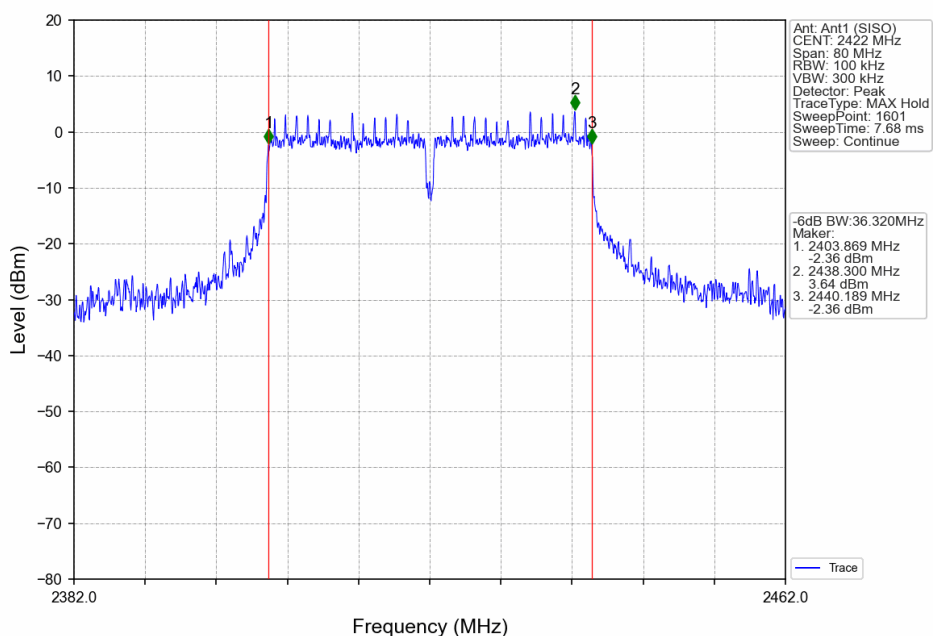
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



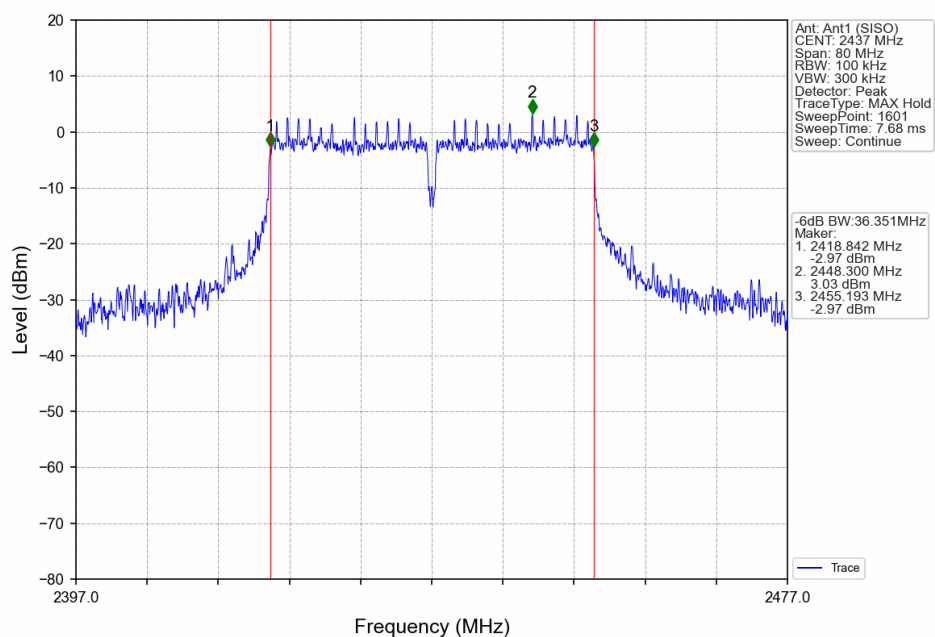
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



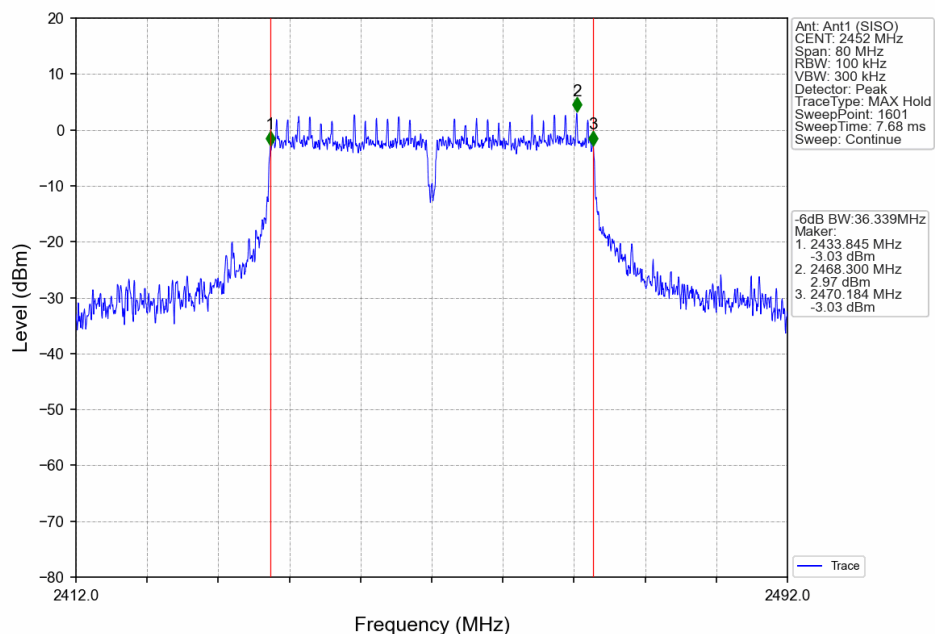
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	20.77	<=30	Pass
		2437	20.96	<=30	Pass
		2462	21.14	<=30	Pass
802.11g	SISO	2412	23.58	<=30	Pass
		2437	23.34	<=30	Pass
		2462	23.56	<=30	Pass
802.11n (HT20)	SISO	2412	23.70	<=30	Pass
		2437	23.48	<=30	Pass
		2462	23.65	<=30	Pass
802.11n (HT40)	SISO	2422	24.68	<=30	Pass
		2437	23.99	<=30	Pass
		2452	24.00	<=30	Pass

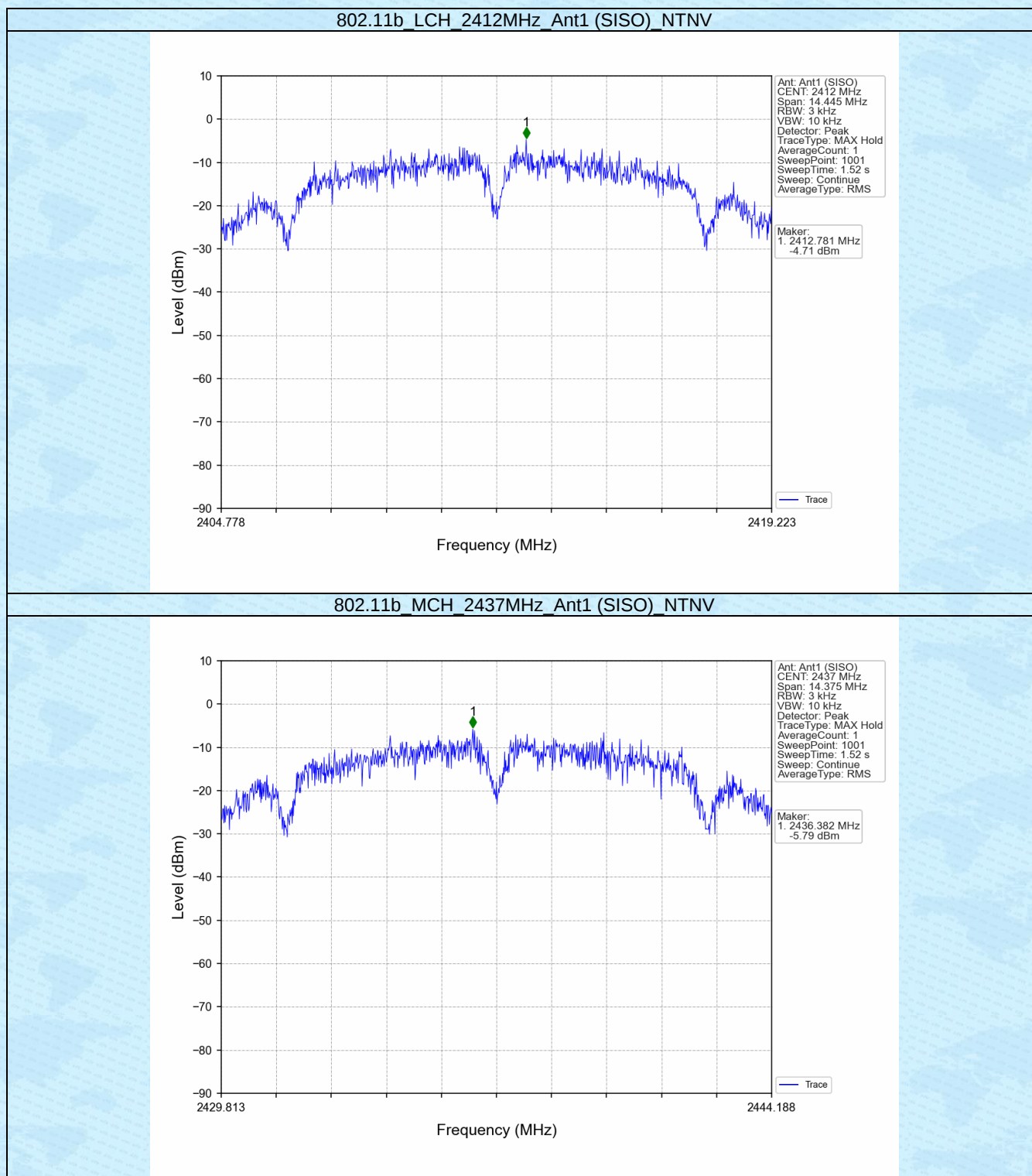
3. Maximum Power Spectral Density

3.1 PSD

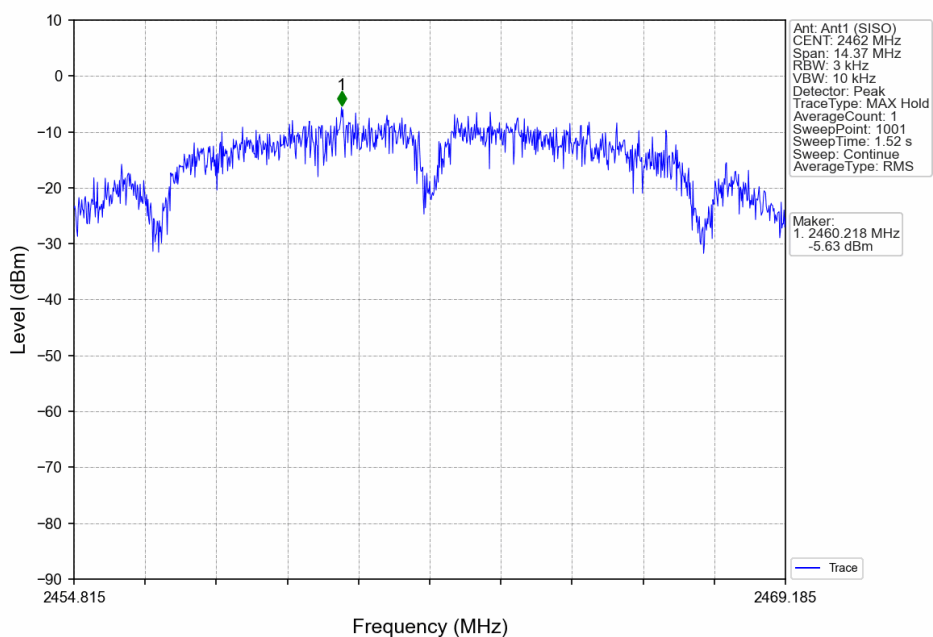
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-4.71	<=8	Pass
		2437	-5.79	<=8	Pass
		2462	-5.63	<=8	Pass
802.11g	SISO	2412	-9.51	<=8	Pass
		2437	-10.76	<=8	Pass
		2462	-9.50	<=8	Pass
802.11n (HT20)	SISO	2412	-9.41	<=8	Pass
		2437	-10.10	<=8	Pass
		2462	-9.32	<=8	Pass
802.11n (HT40)	SISO	2422	-10.77	<=8	Pass
		2437	-11.93	<=8	Pass
		2452	-11.33	<=8	Pass

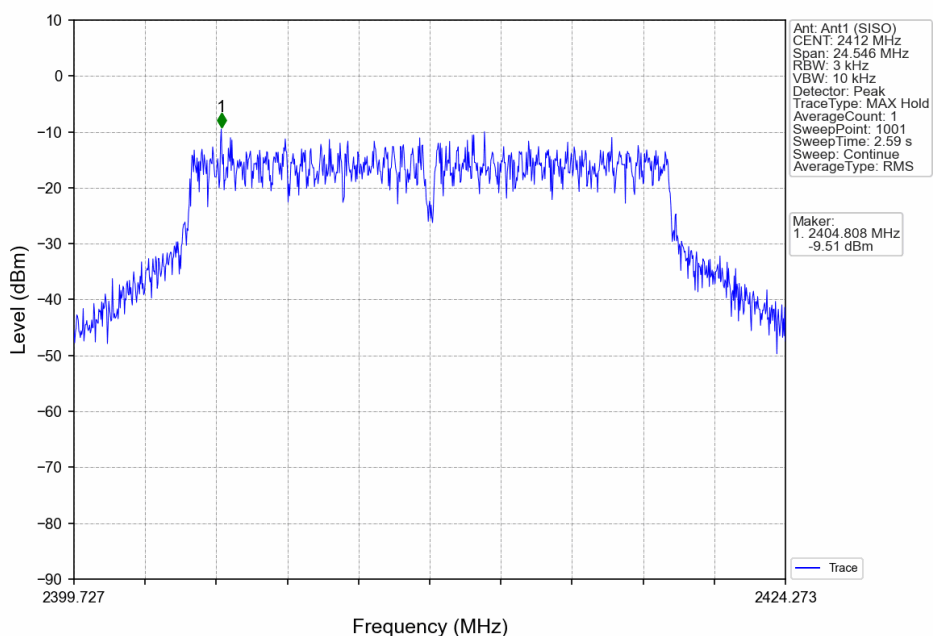
3.1.2 Test Graph



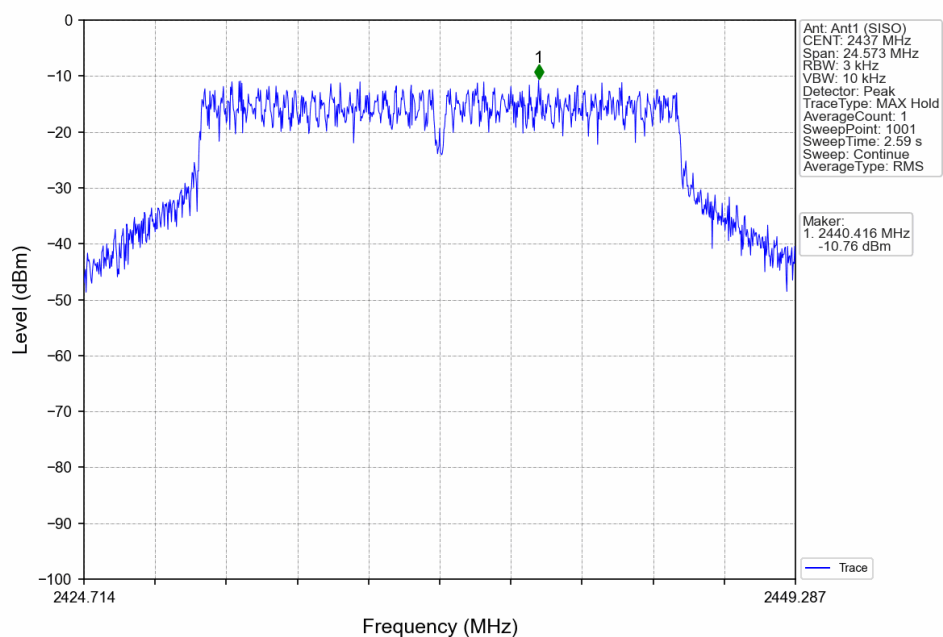
802.11b HCH 2462MHz_Ant1 (SISO) NTN



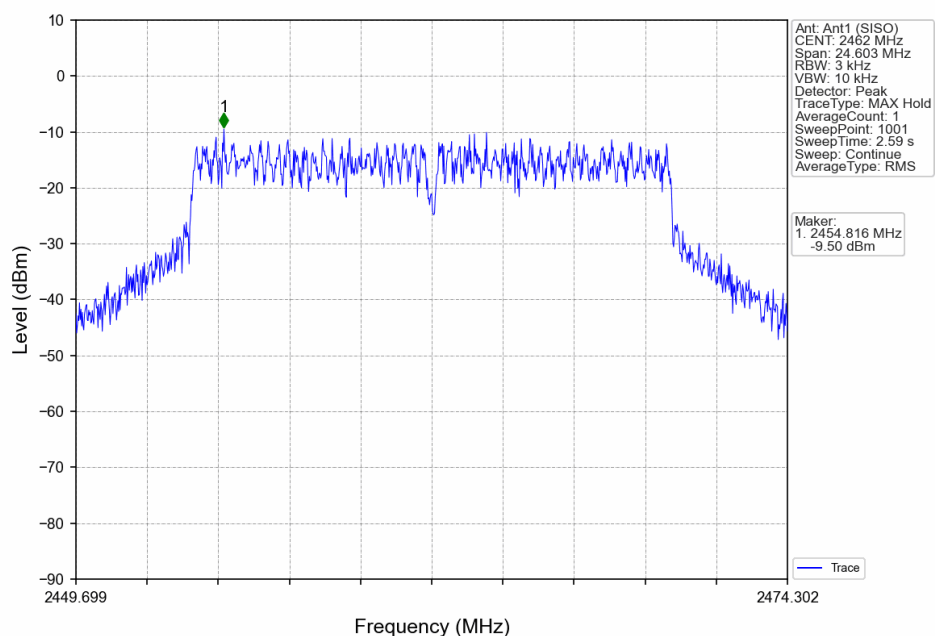
802.11g LCH 2412MHz_Ant1 (SISO) NTN



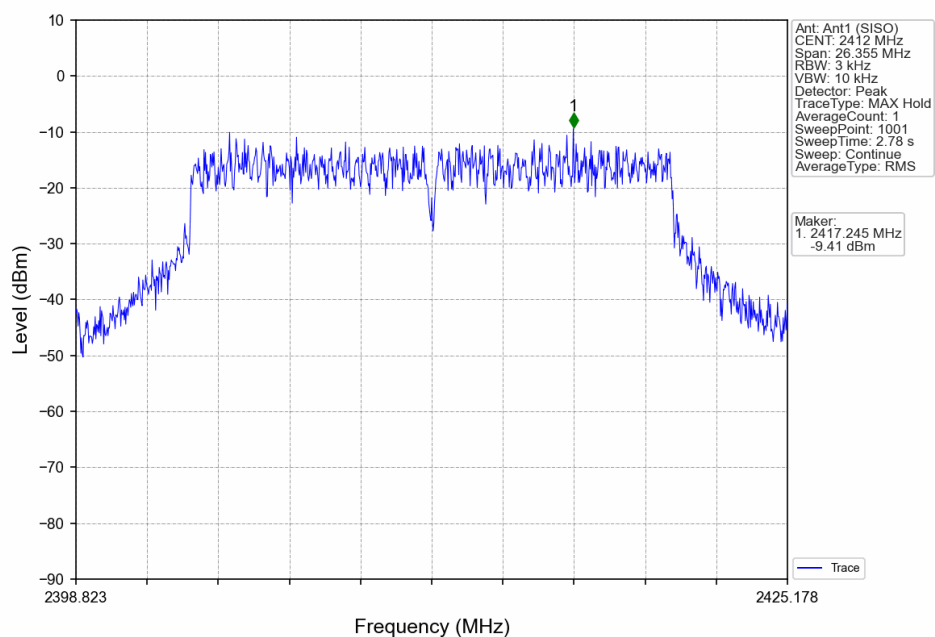
802.11g MCH 2437MHz_Ant1 (SISO)_NTNV



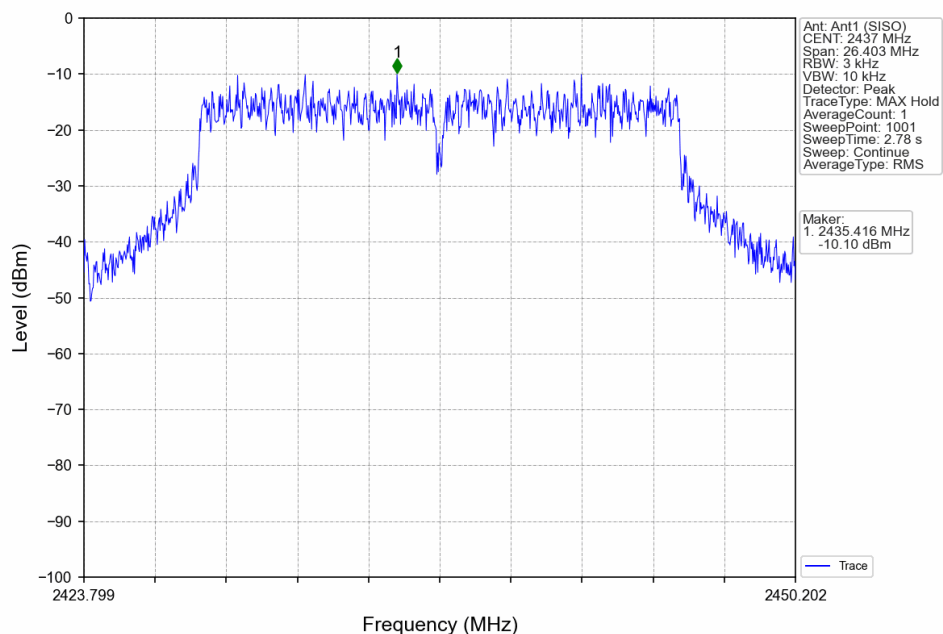
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



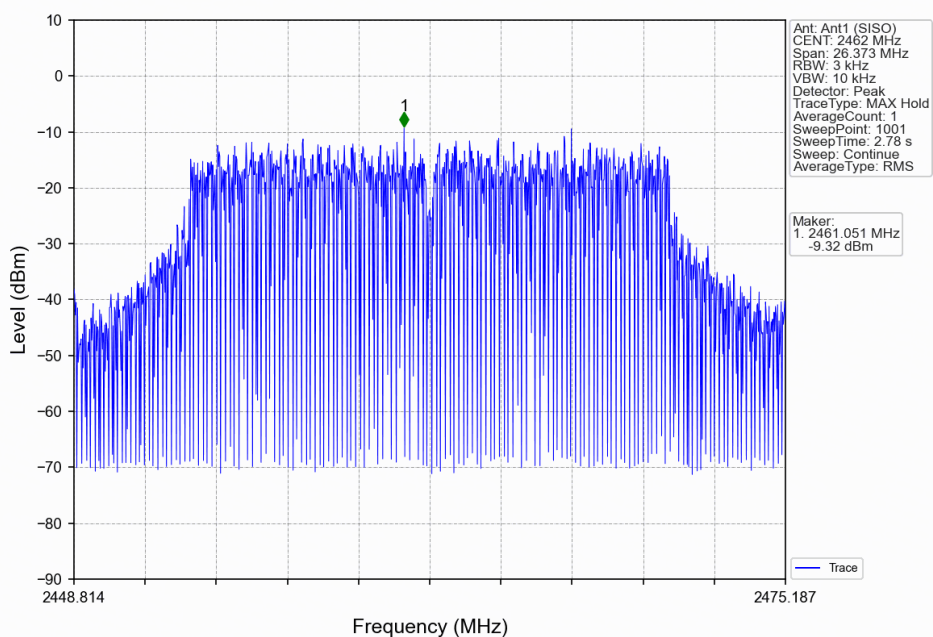
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



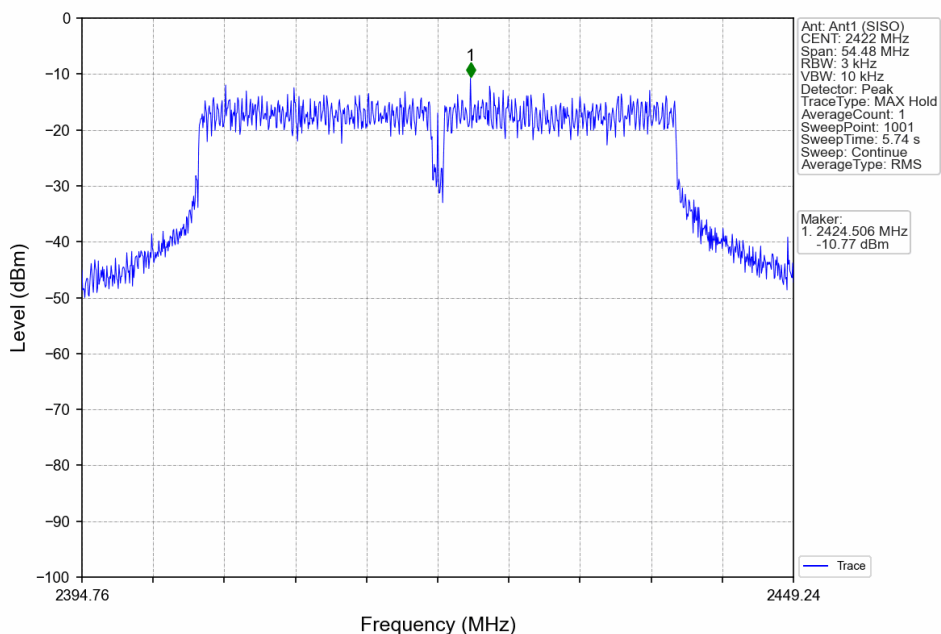
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



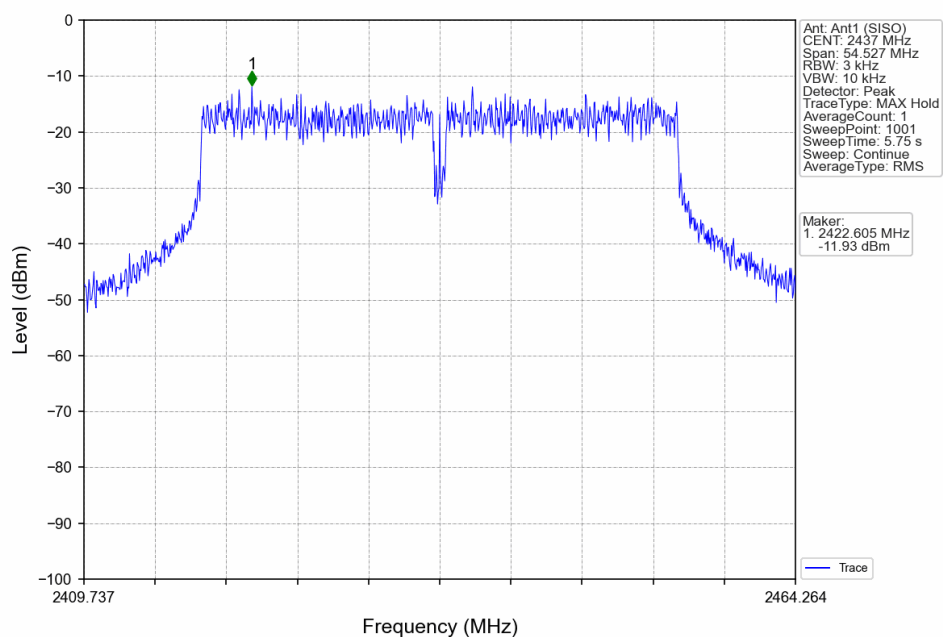
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



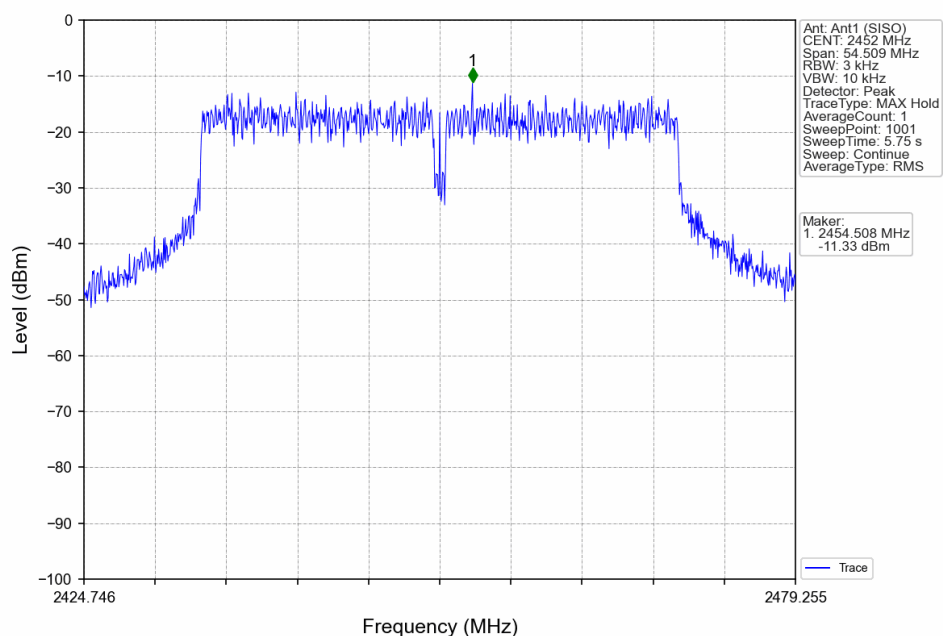
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

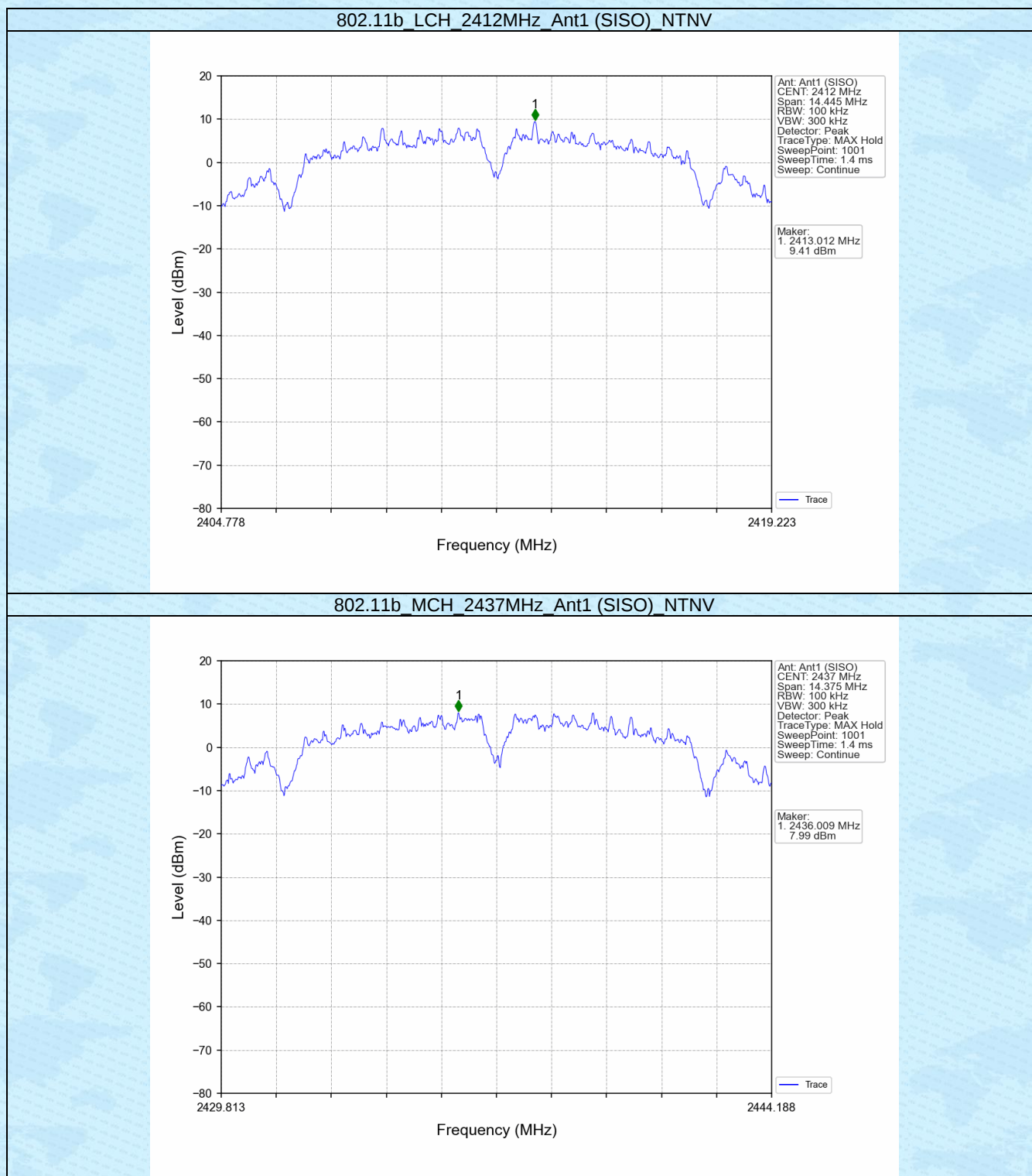
4.1 Ref

4.1.1 Test Result

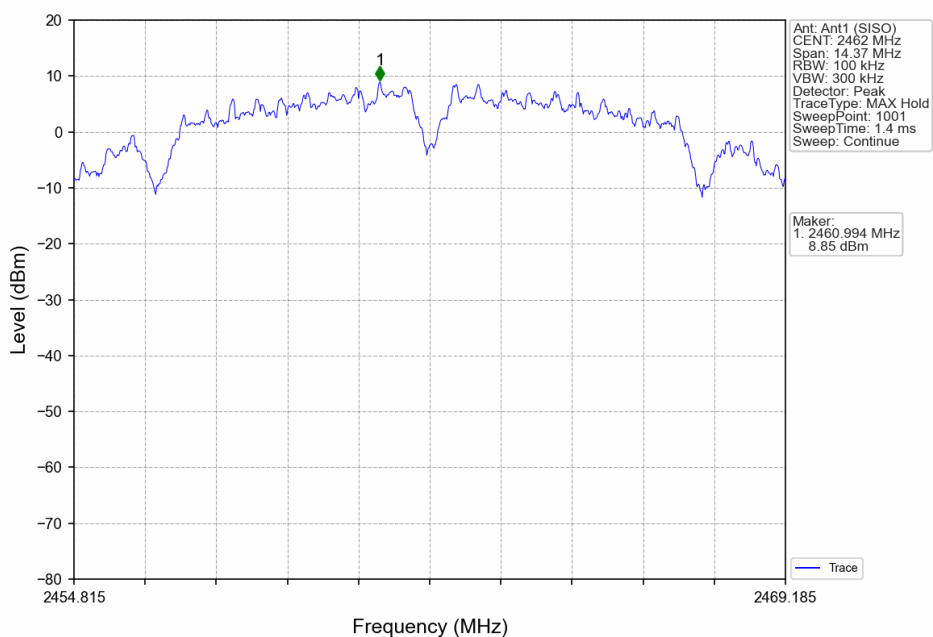
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	9.41
		2437	1	7.99
		2462	1	8.85
802.11g	SISO	2412	1	5.81
		2437	1	7.28
		2462	1	5.20
802.11n (HT20)	SISO	2412	1	4.98
		2437	1	5.01
		2462	1	5.54
802.11n (HT40)	SISO	2422	1	3.20
		2437	1	2.92
		2452	1	2.56

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.

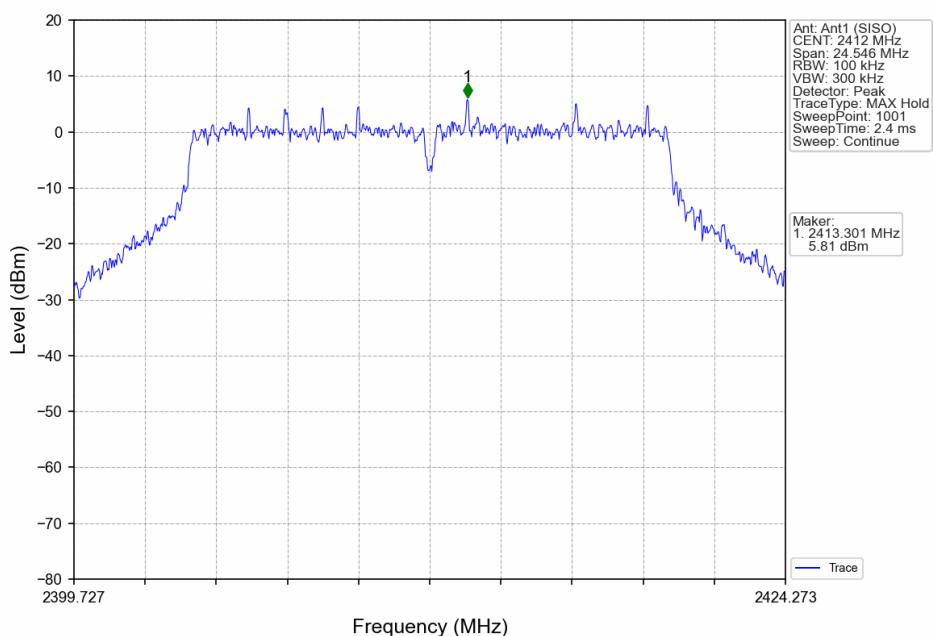
4.1.2 Test Graph



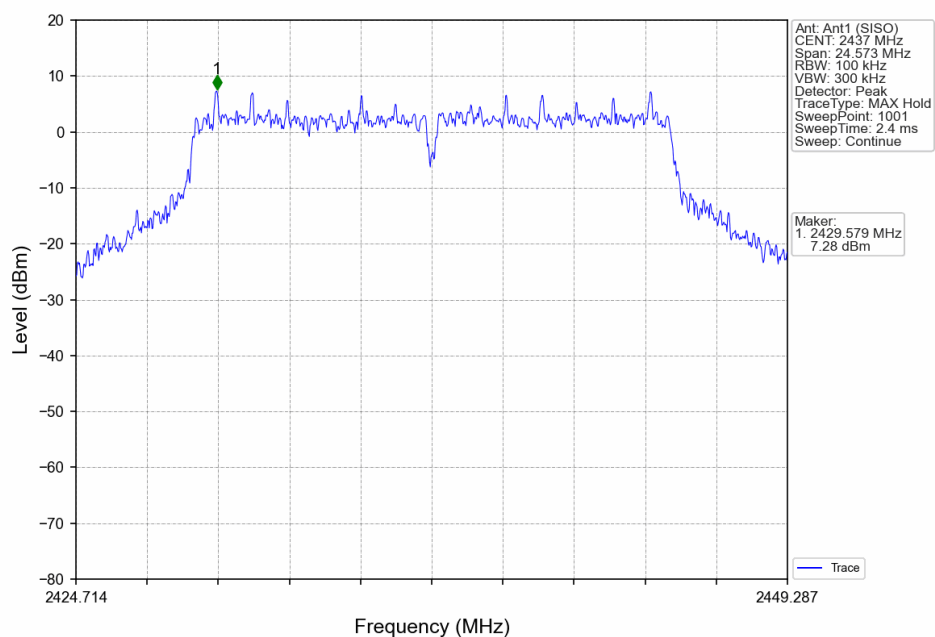
802.11b HCH 2462MHz_Ant1 (SISO) NTN



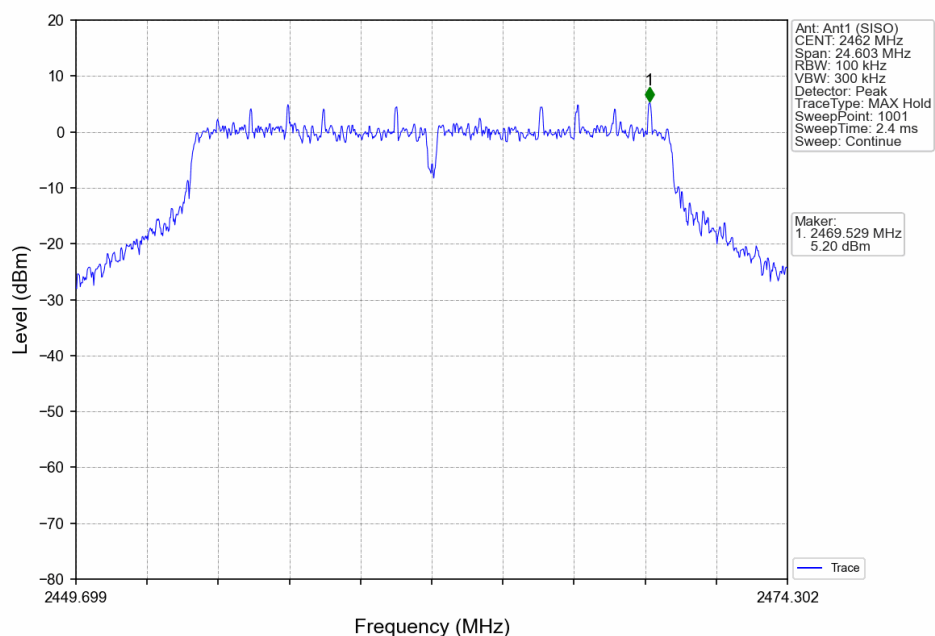
802.11g LCH 2412MHz_Ant1 (SISO) NTN



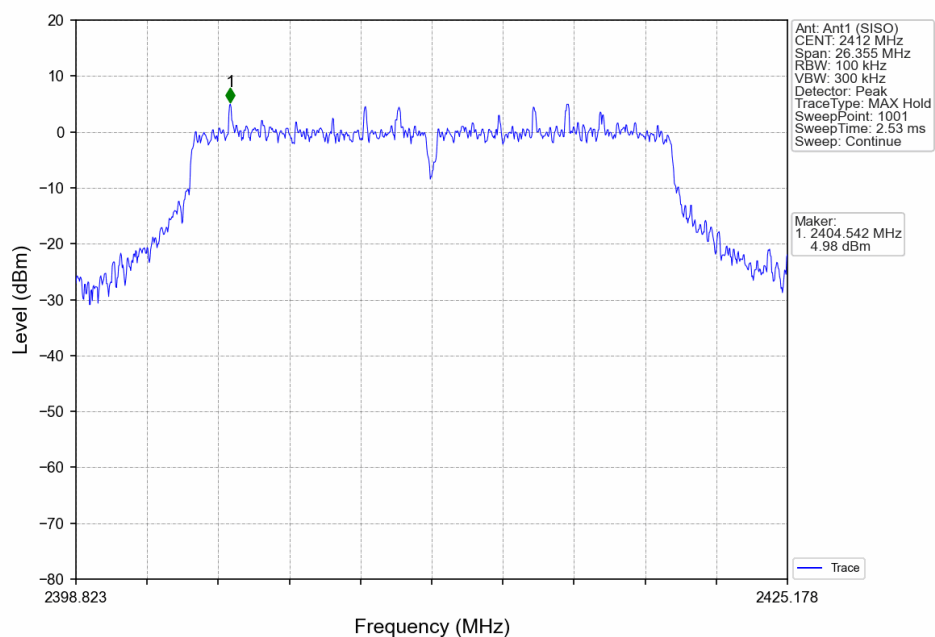
802.11g MCH 2437MHz_Ant1 (SISO)_NTNV



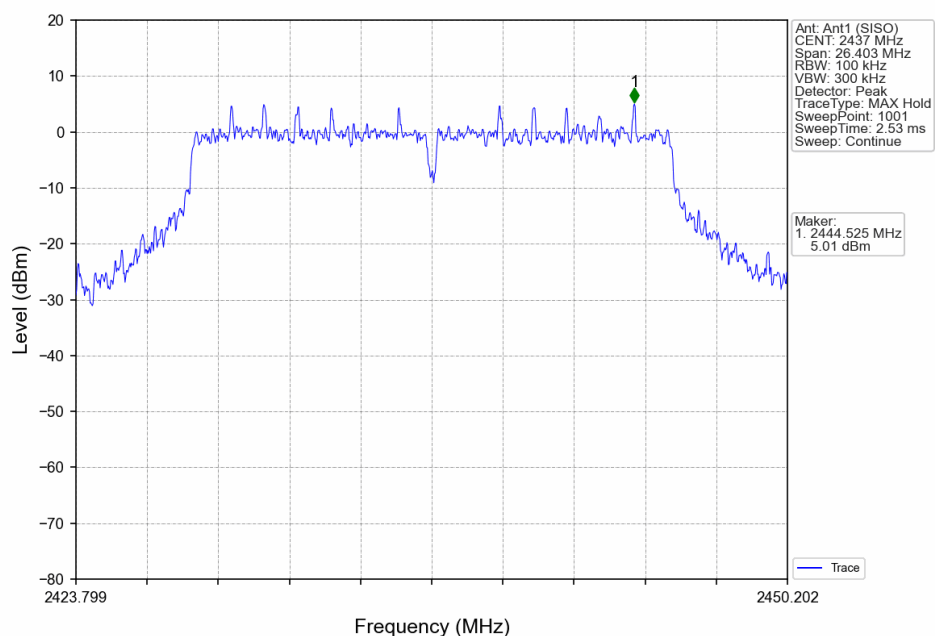
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



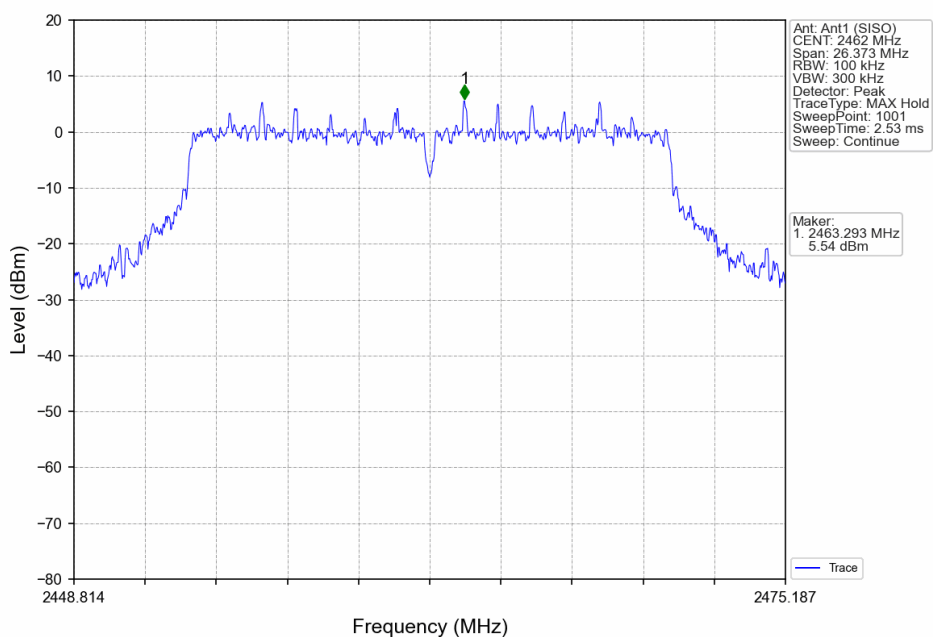
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



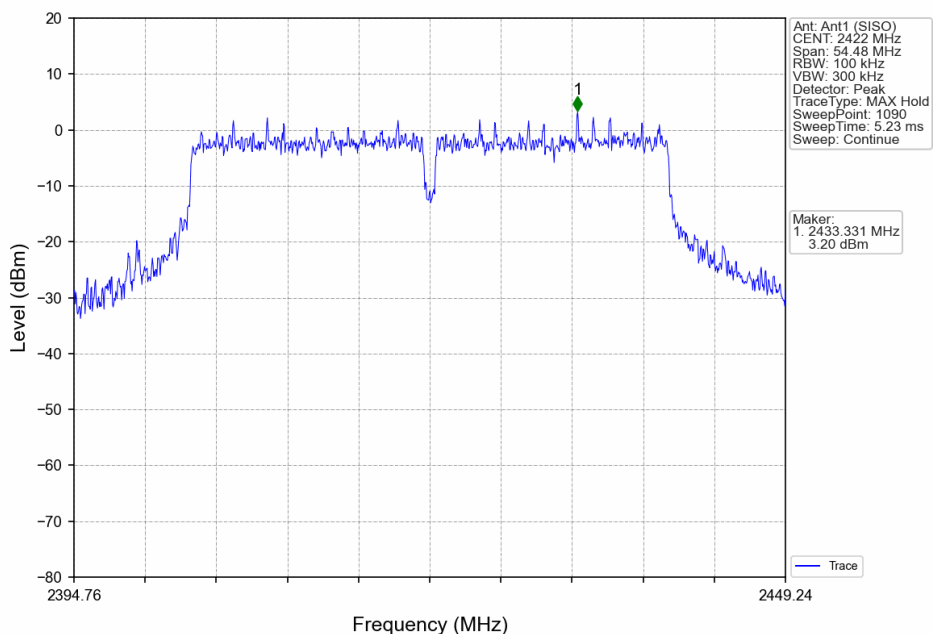
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



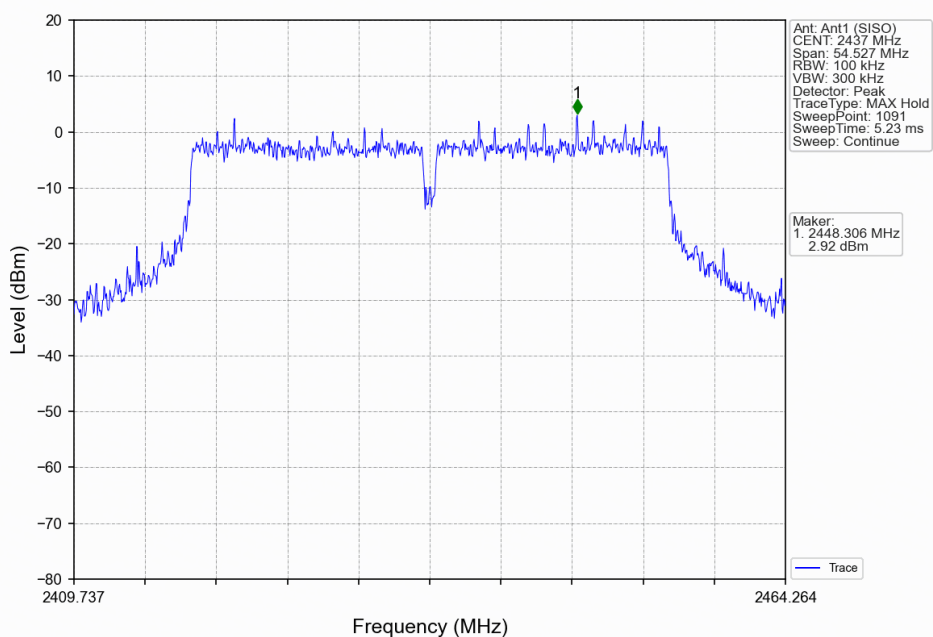
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



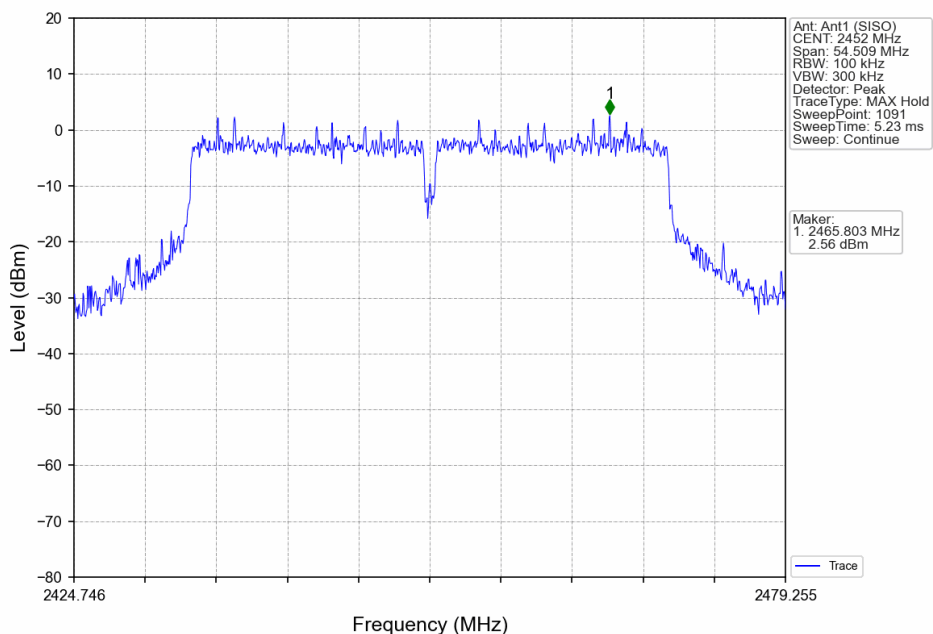
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



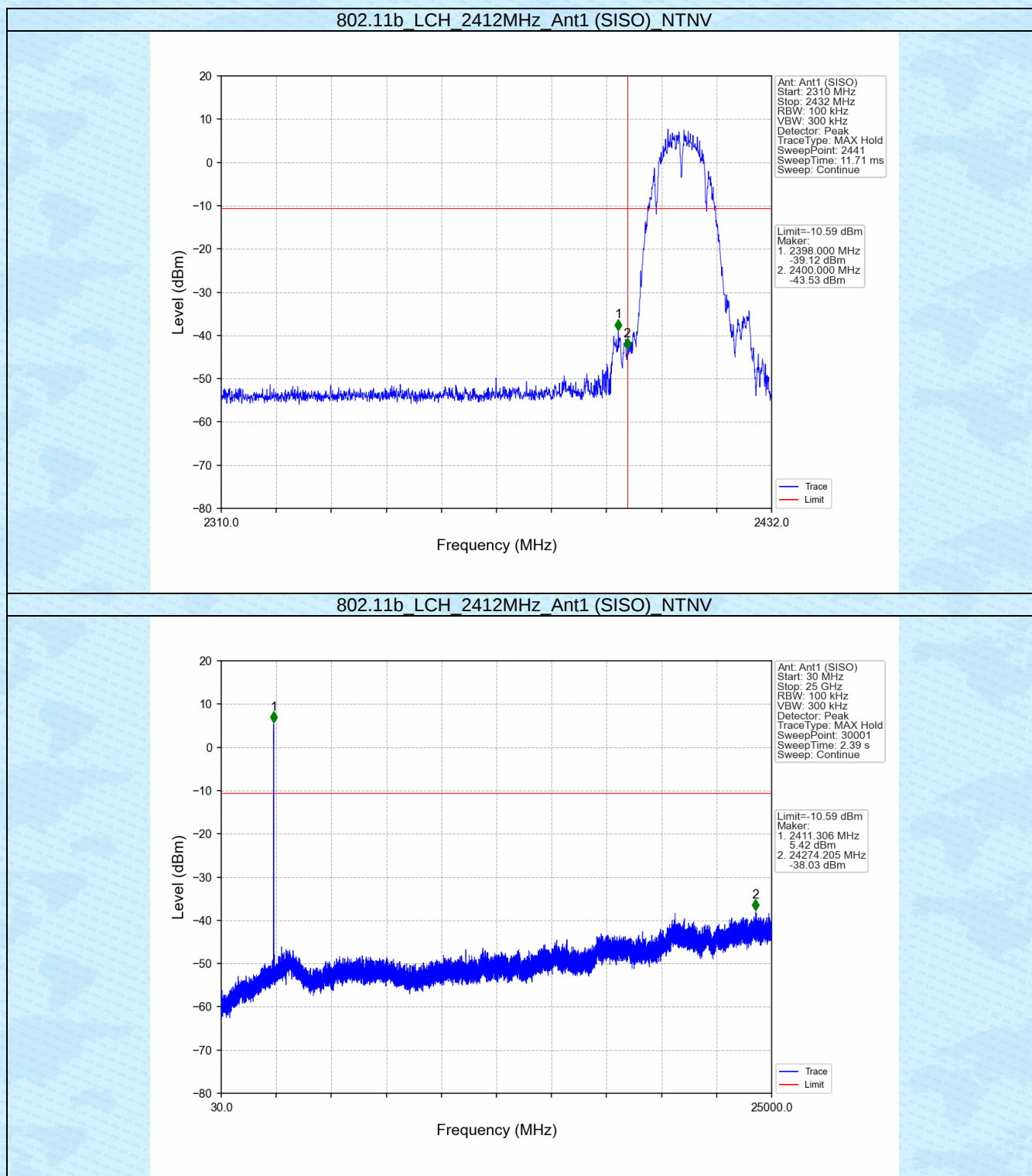
5.2 CSE

5.2.1 Test Result

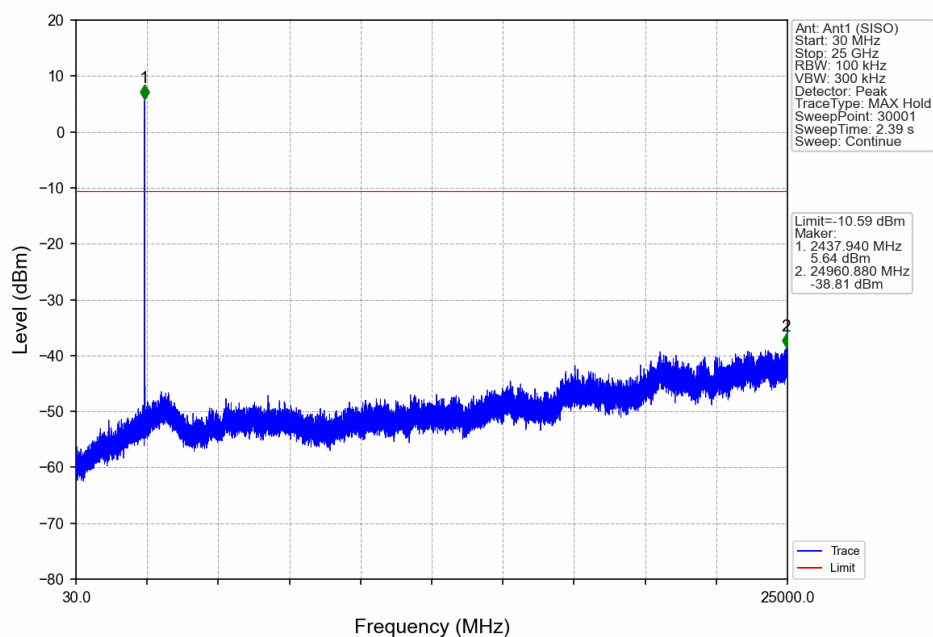
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	9.41	-10.59	Pass
		2437	1	9.41	-10.59	Pass
		2462	1	9.41	-10.59	Pass
802.11g	SISO	2412	1	7.28	-12.72	Pass
		2437	1	7.28	-12.72	Pass
		2462	1	7.28	-12.72	Pass
802.11n (HT20)	SISO	2412	1	5.54	-14.46	Pass
		2437	1	5.54	-14.46	Pass
		2462	1	5.54	-14.46	Pass
802.11n (HT40)	SISO	2422	1	3.20	-16.80	Pass
		2437	1	3.20	-16.80	Pass
		2452	1	3.20	-16.80	Pass

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.

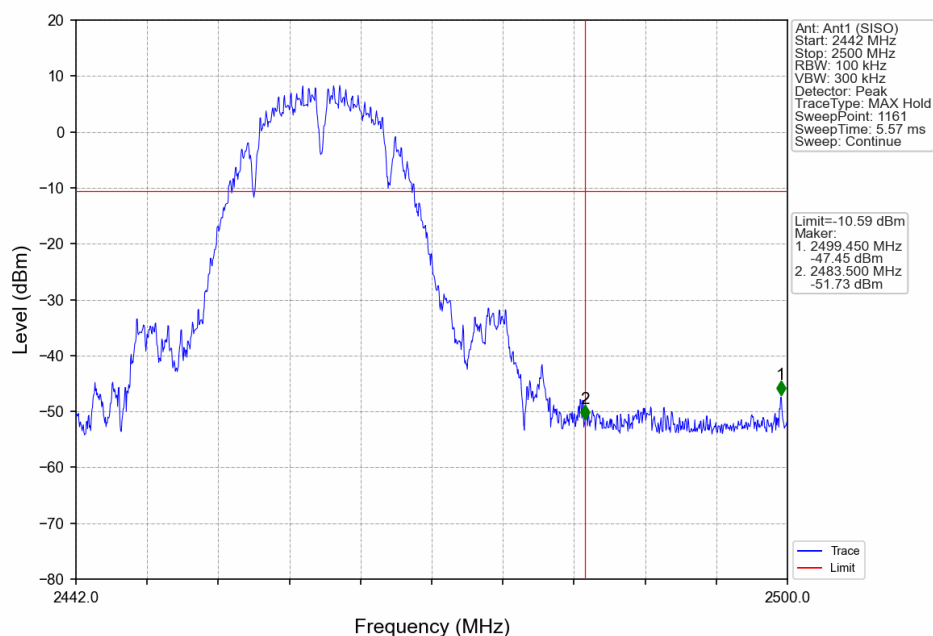
5.2.2 Test Graph



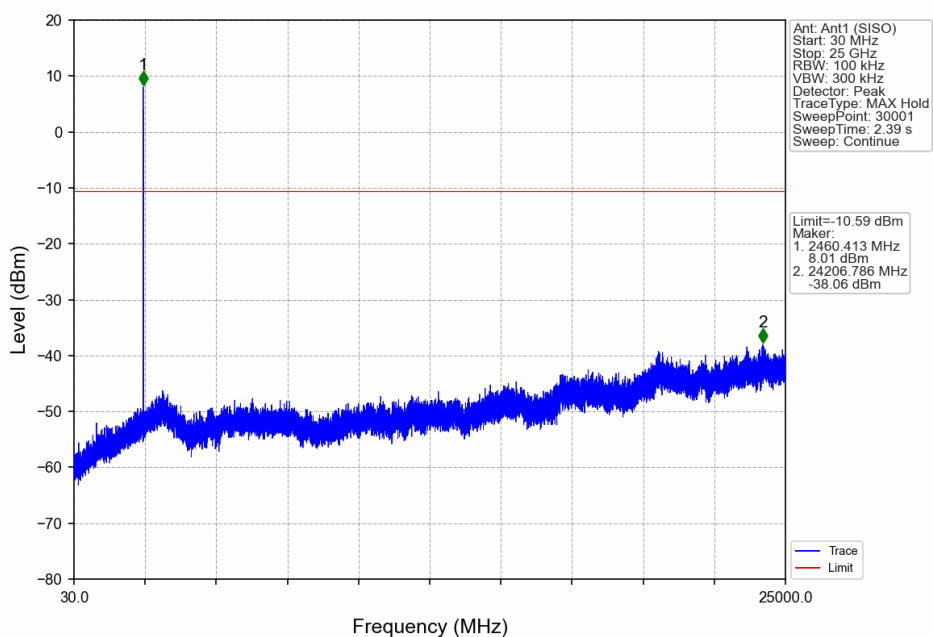
802.11b MCH 2437MHz_Ant1 (SISO)_NTNV



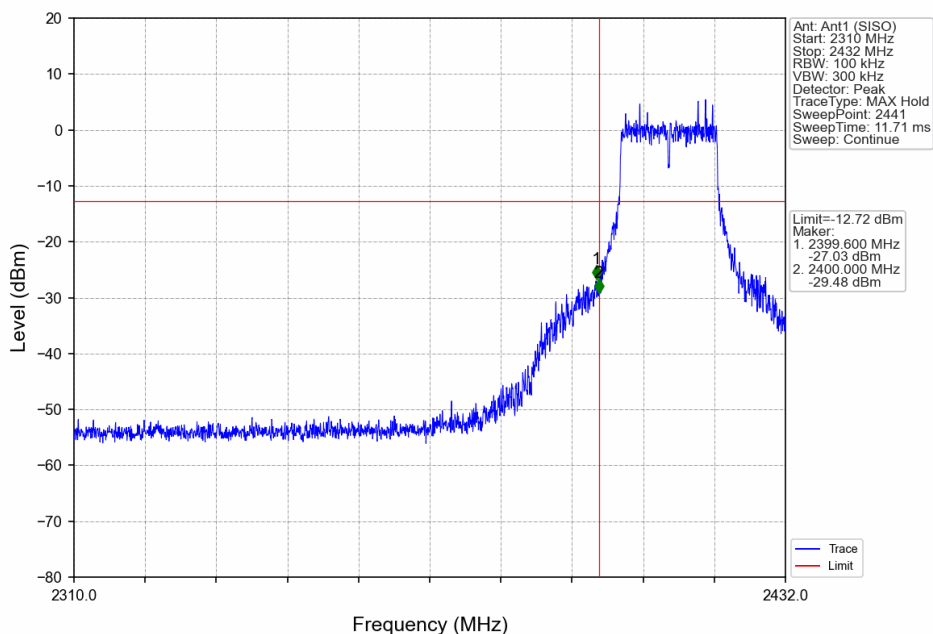
802.11b HCH 2462MHz_Ant1 (SISO)_NTNV



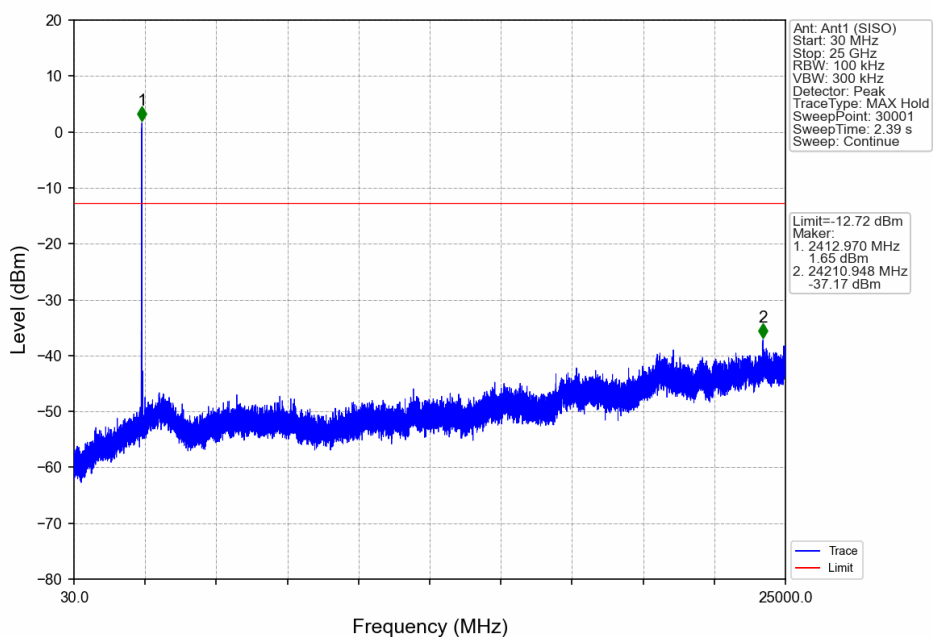
802.11b HCH 2462MHz_Ant1 (SISO) NTN



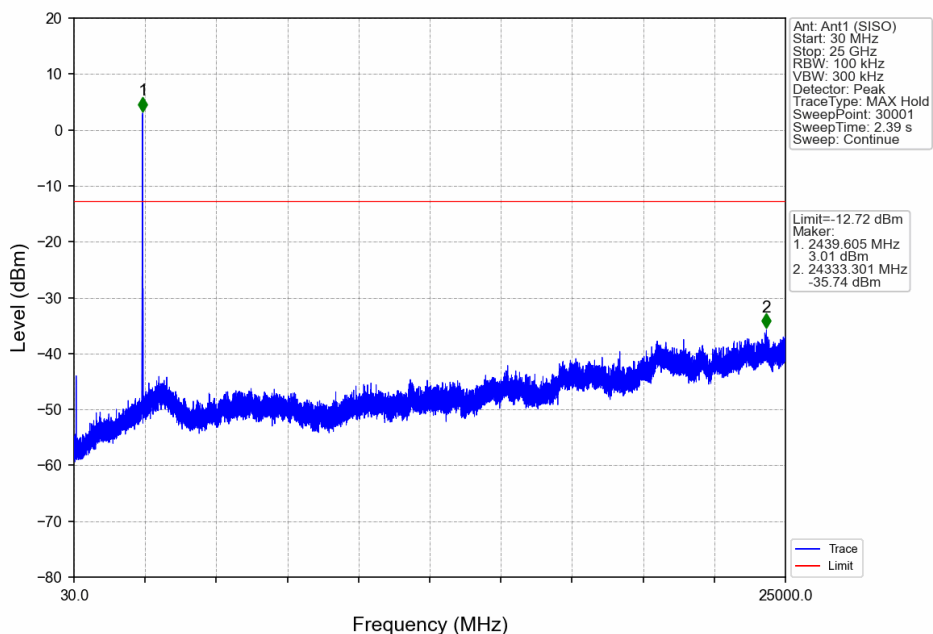
802.11g LCH 2412MHz_Ant1 (SISO) NTN



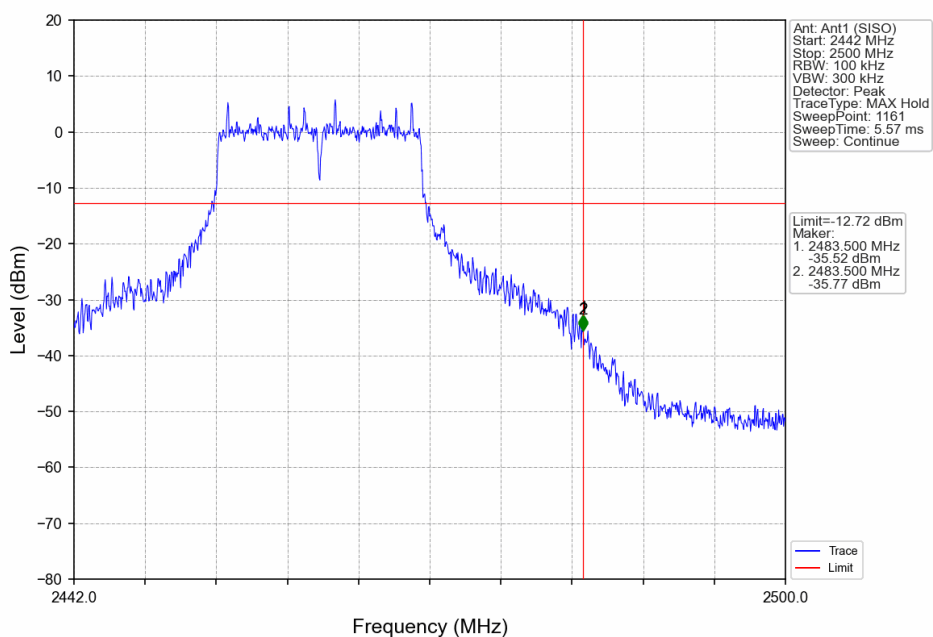
802.11g LCH 2412MHz_Ant1 (SISO) NTN



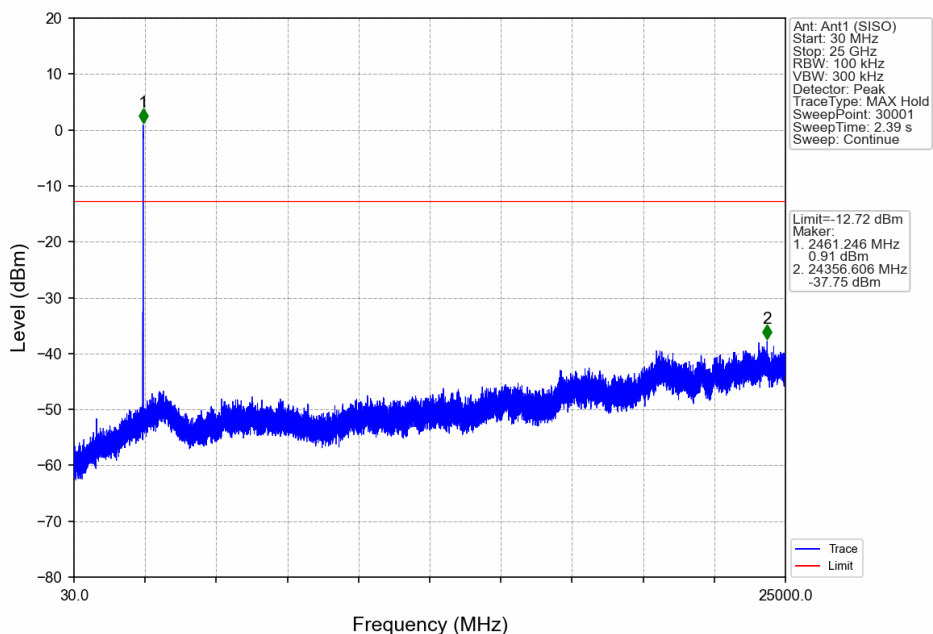
802.11g MCH 2437MHz_Ant1 (SISO) NTN



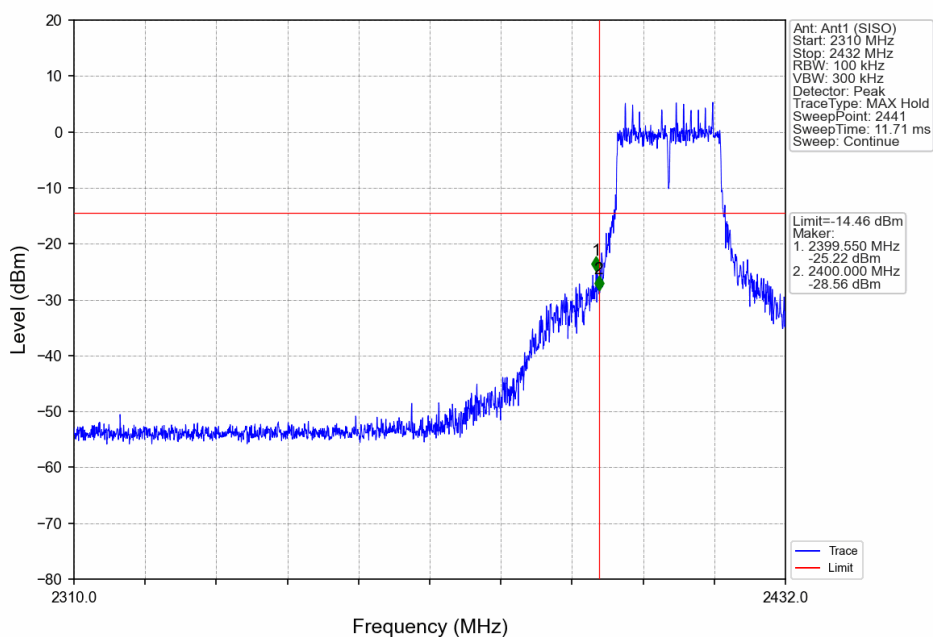
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



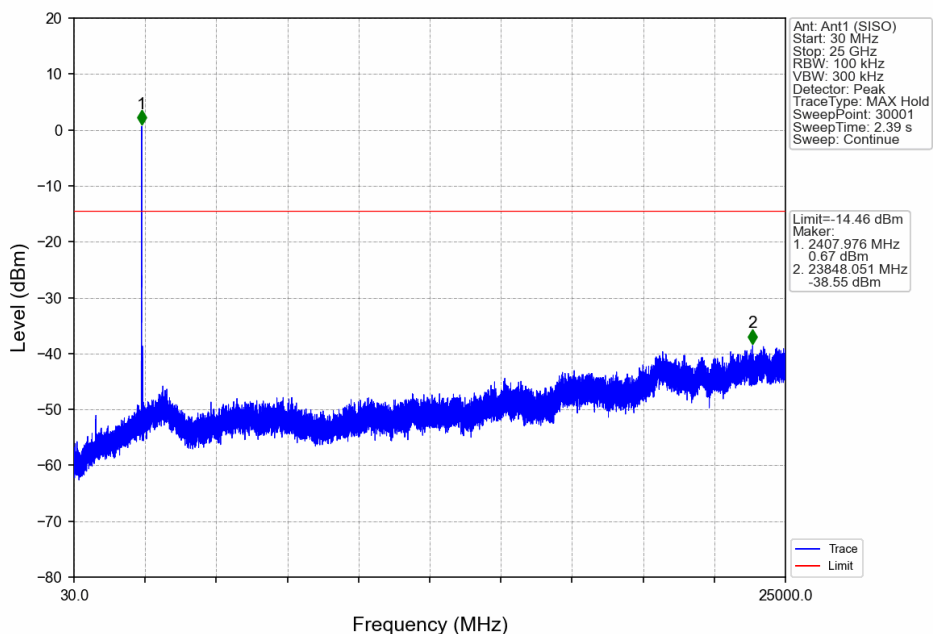
802.11g HCH 2462MHz_Ant1 (SISO)_NTNV



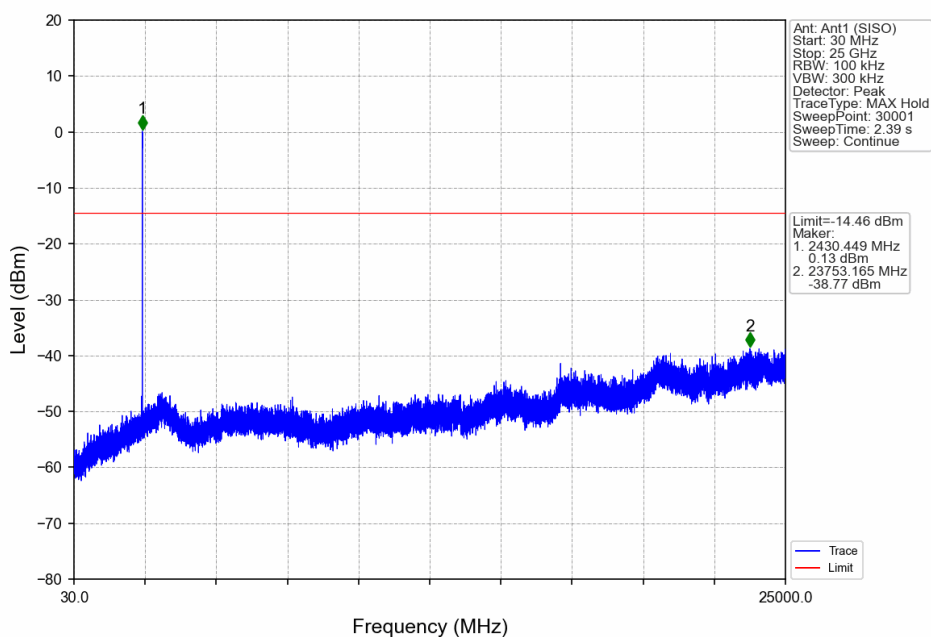
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



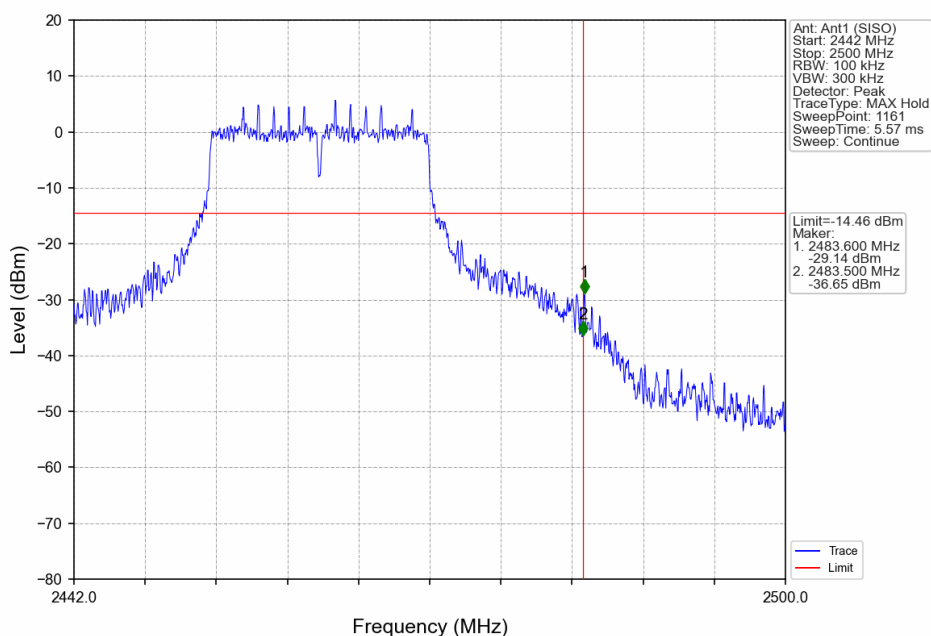
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



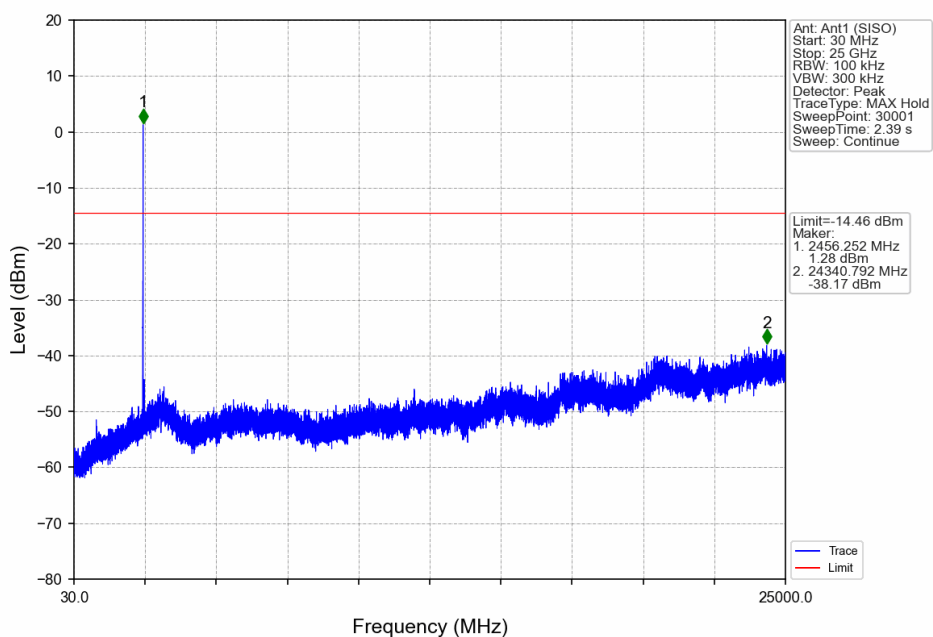
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



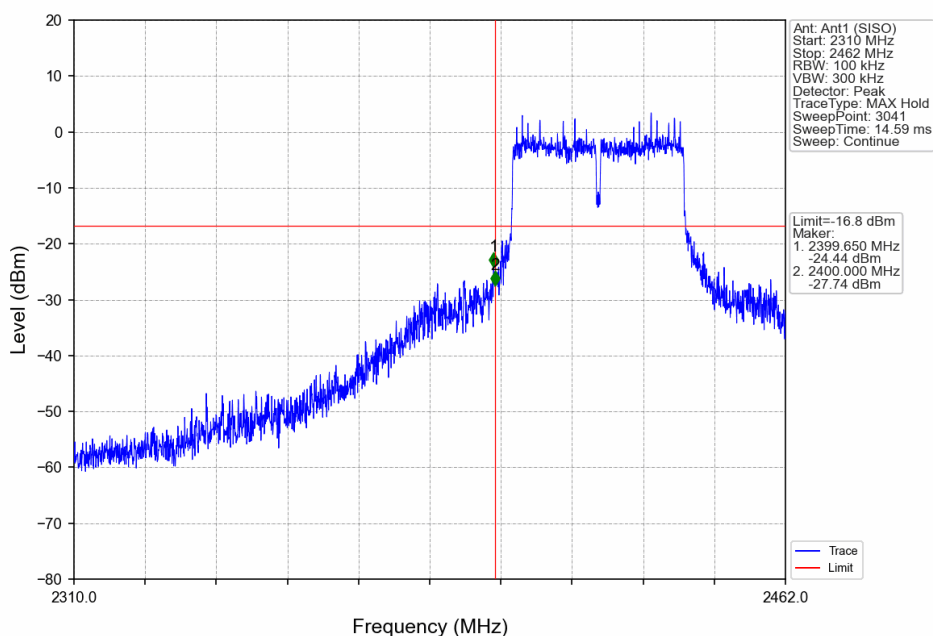
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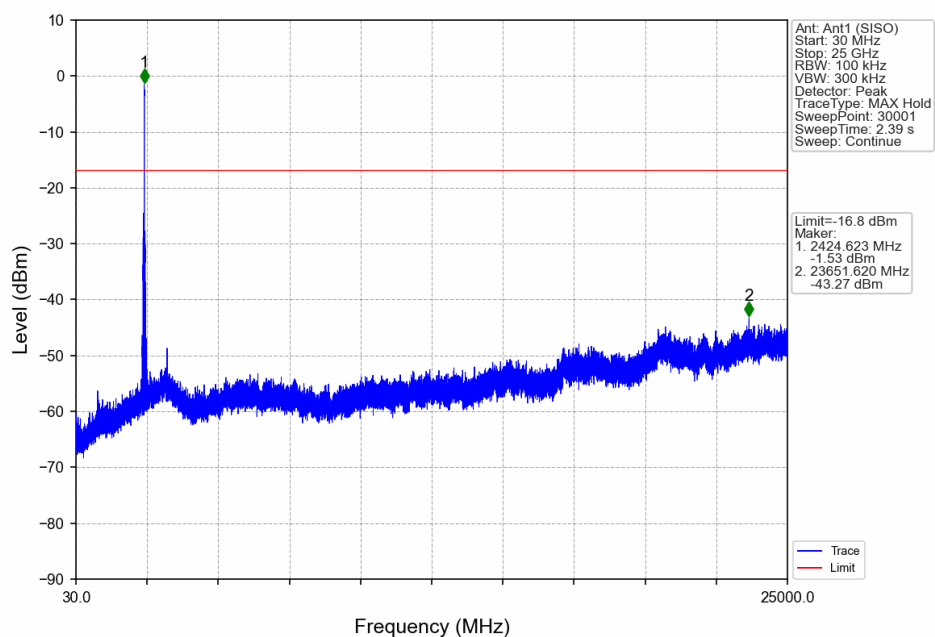
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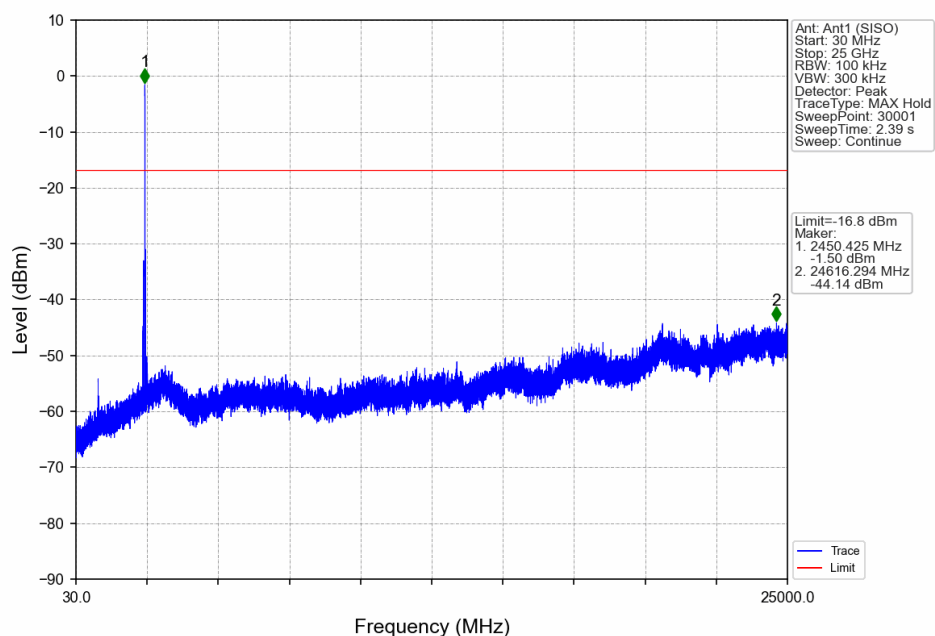
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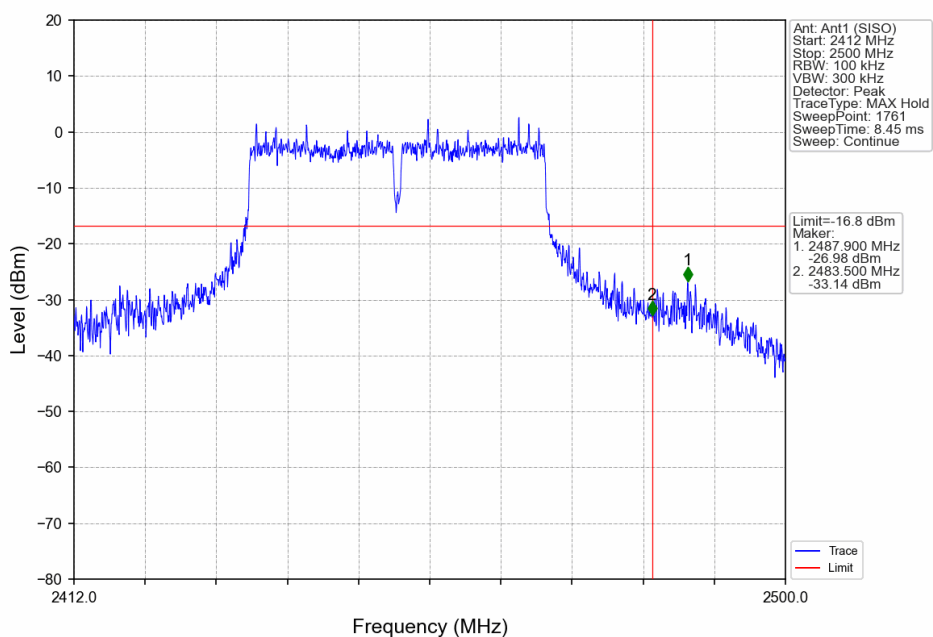
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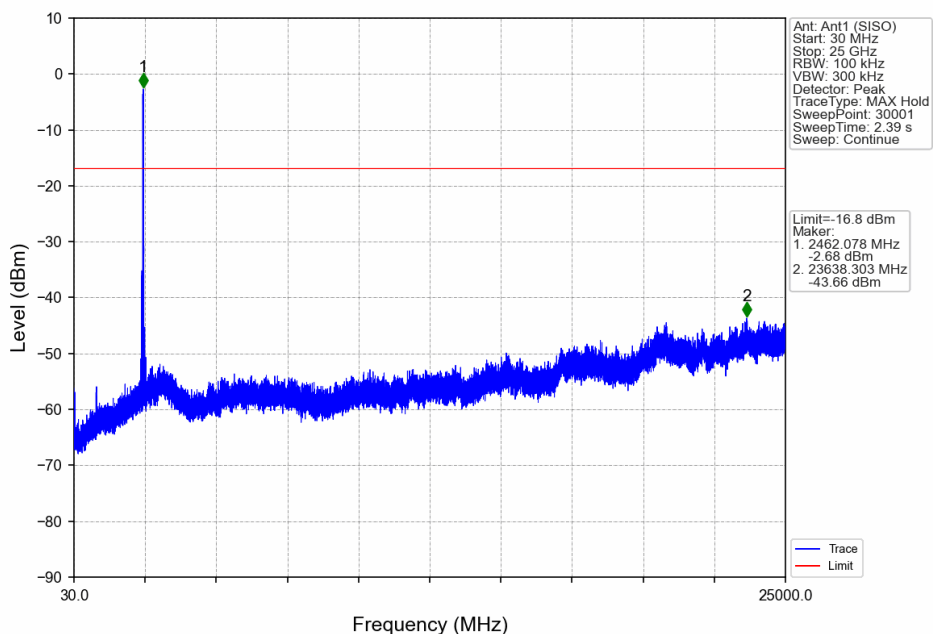
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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