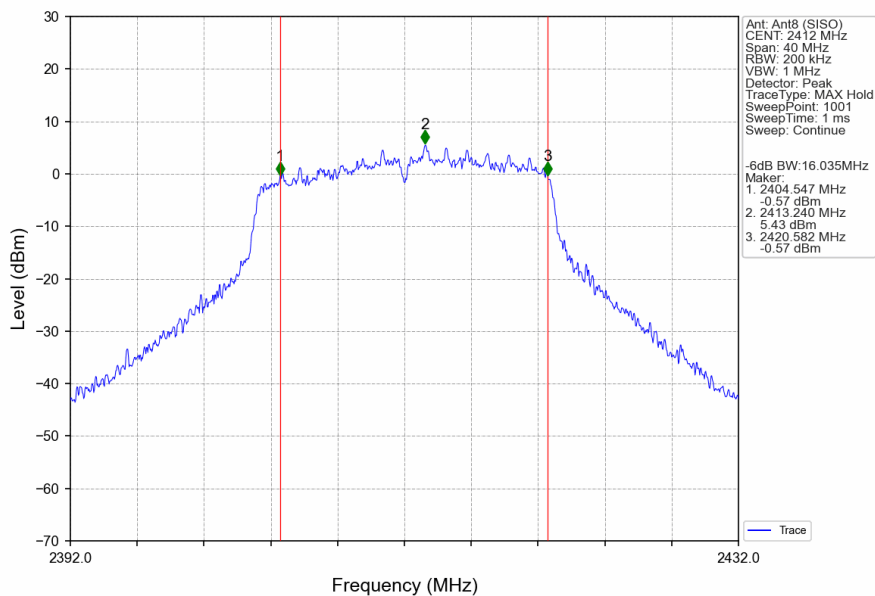
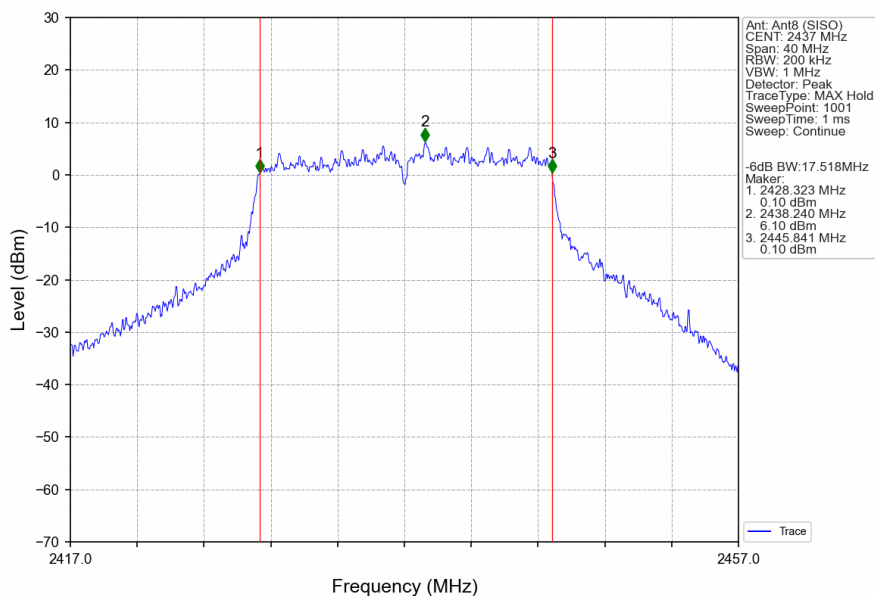


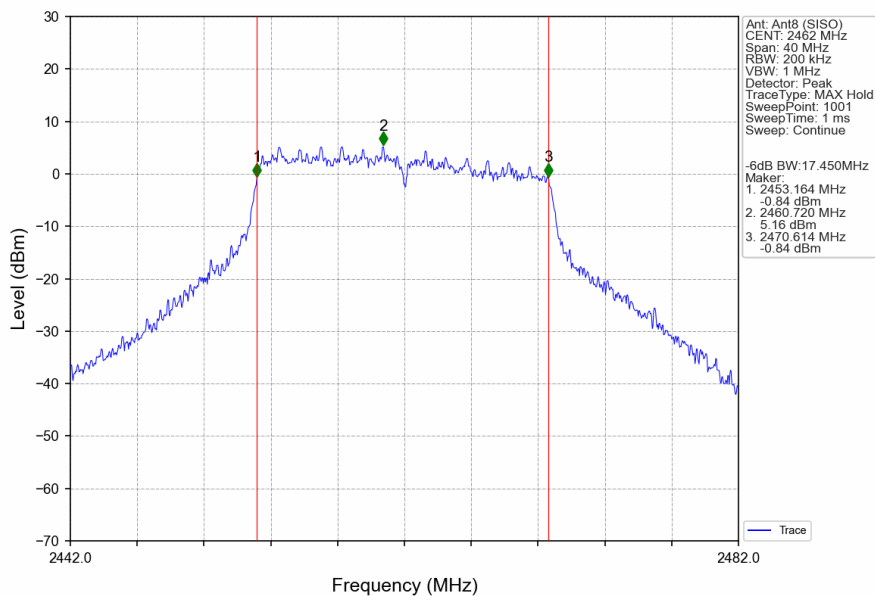
802.11n(HT20)_LCH_2412MHz_Ant8 (SISO)_NTNV



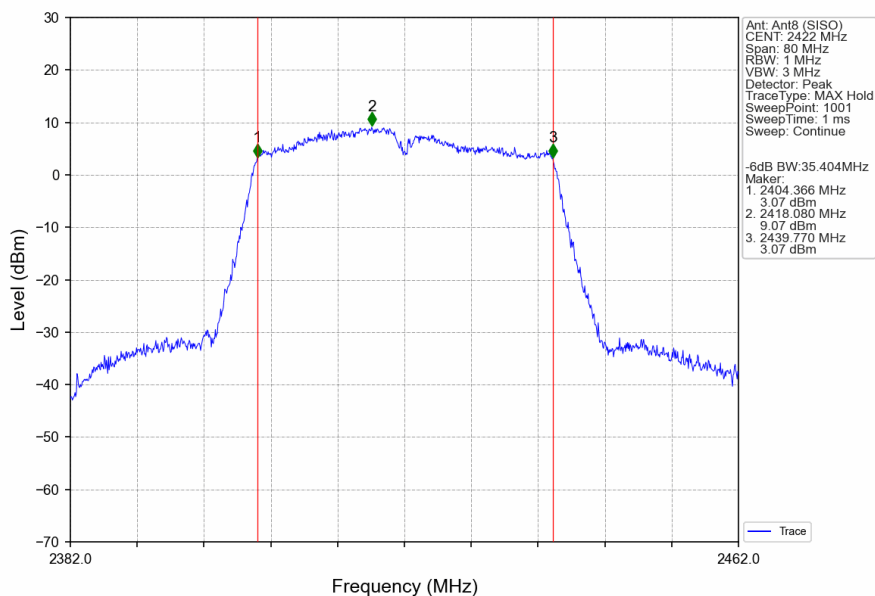
802.11n(HT20)_MCH_2437MHz_Ant8 (SISO)_NTNV



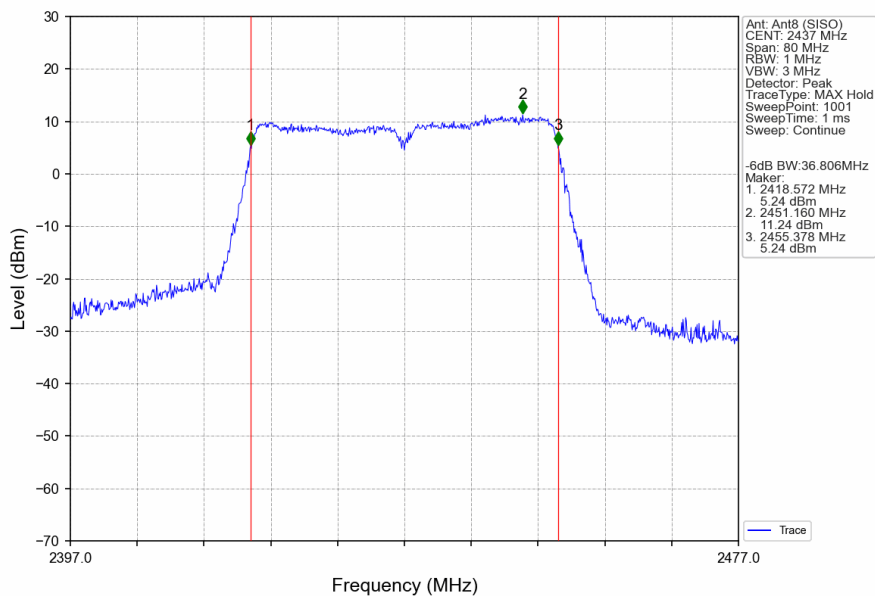
802.11n(HT20)_HCH_2462MHz_Ant8 (SISO)_NTNV



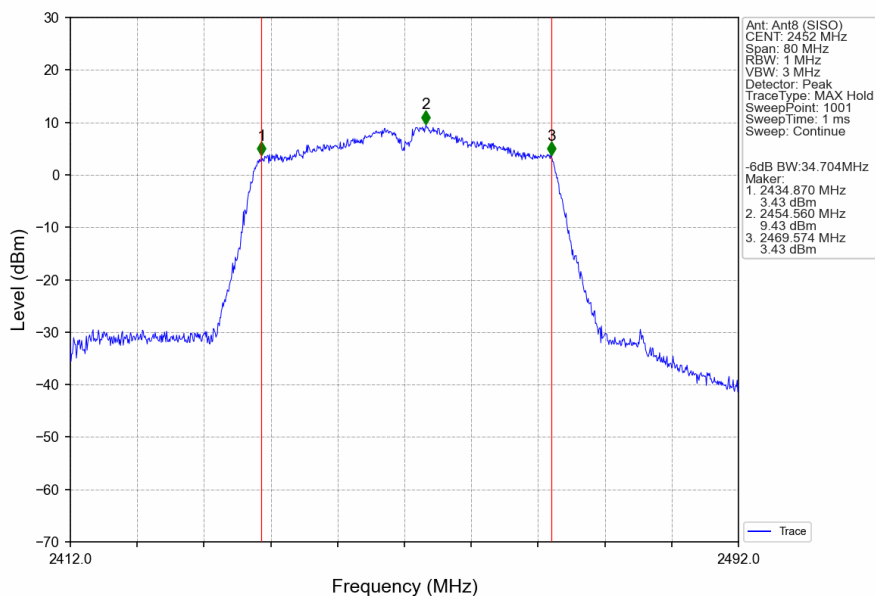
802.11n(HT40)_LCH_2422MHz_Ant8 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant8 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant8 (SISO)_NTNV



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
			ANT8	Limit	
802.11b	SISO	2412	11.90	≤ 30	Pass
		2437	10.79	≤ 30	Pass
		2462	11.08	≤ 30	Pass
802.11g	SISO	2412	14.30	≤ 30	Pass
		2437	14.62	≤ 30	Pass
		2462	15.65	≤ 30	Pass
802.11n (HT20)	SISO	2412	14.16	≤ 30	Pass
		2437	14.63	≤ 30	Pass
		2462	13.74	≤ 30	Pass
802.11n (HT40)	SISO	2422	13.27	≤ 30	Pass
		2437	14.20	≤ 30	Pass
		2452	13.08	≤ 30	Pass

Note1: Antenna Gain: Ant8: -0.10dBi;

4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT8	Limit(dBm/3kHz)	
802.11b	SISO	2412	-16.20dBm/3kHz	≤ 8	Pass
		2437	-17.12dBm/3kHz	≤ 8	Pass
		2462	-14.53dBm/3kHz	≤ 8	Pass
802.11g	SISO	2412	-16.66dBm/3kHz	≤ 8	Pass
		2437	-16.88dBm/3kHz	≤ 8	Pass
		2462	-15.31dBm/3kHz	≤ 8	Pass
802.11n (HT20)	SISO	2412	-18.06dBm/3kHz	≤ 8	Pass
		2437	-19.24dBm/3kHz	≤ 8	Pass
		2462	-18.64dBm/3kHz	≤ 8	Pass
802.11n (HT40)	SISO	2422	-20.14dBm/3kHz	≤ 8	Pass
		2437	-20.54dBm/3kHz	≤ 8	Pass



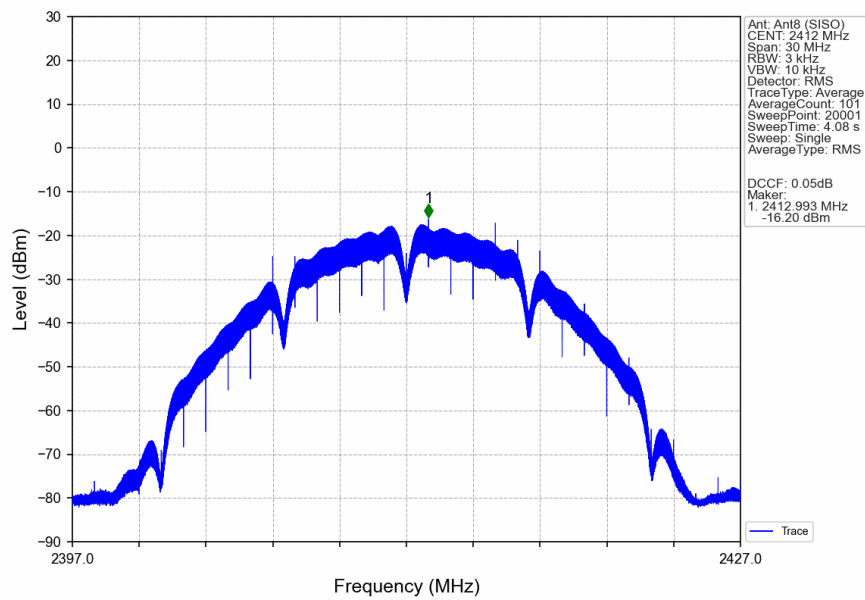
Report No.: SUCR260400031707
Page: 108 of 131

		2452	-20.08dBm/3kHz	<=8	Pass
Note1: Antenna Gain: Ant8: -0.10dBi;					

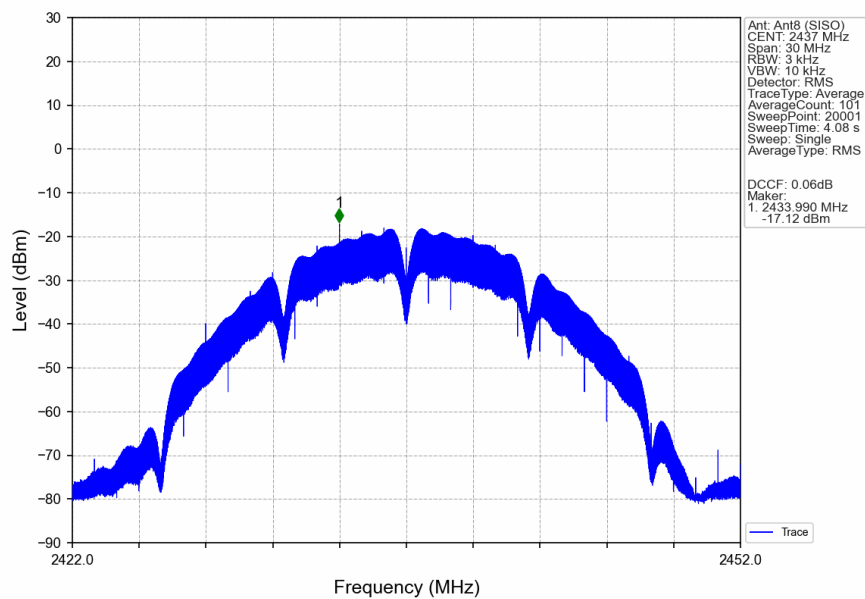
4.2 Test Graph

4.2.1 PSD

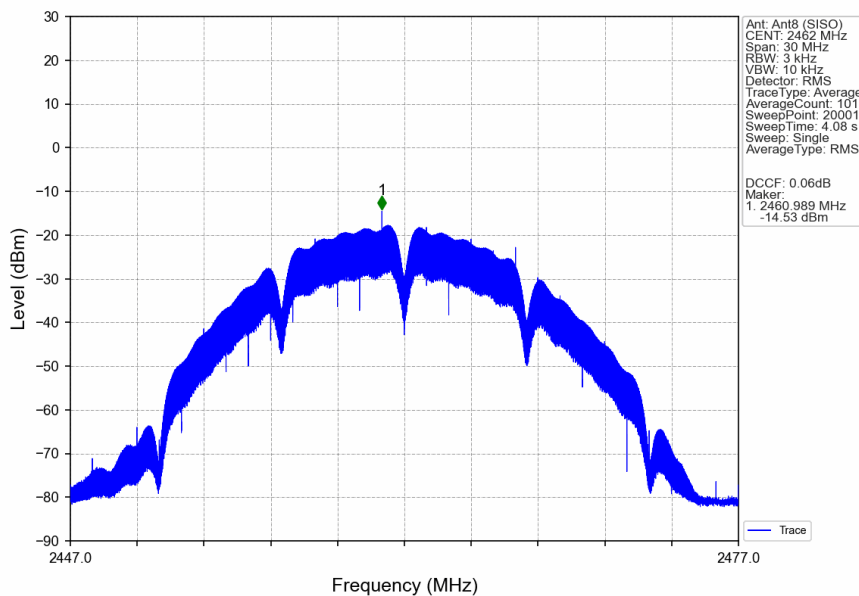
802.11b_LCH_2412MHz_Ant8 (SISO)_NTNV



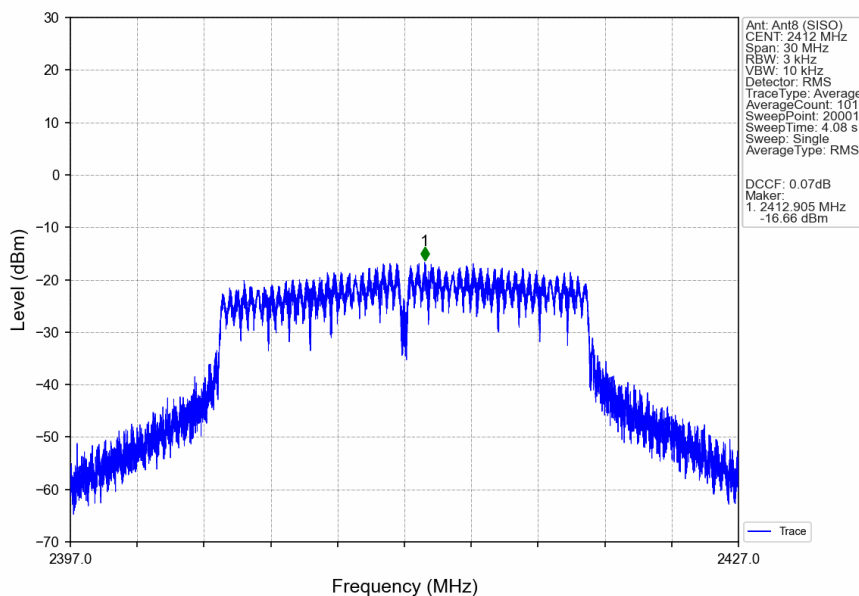
802.11b_MCH_2437MHz_Ant8 (SISO)_NTNV



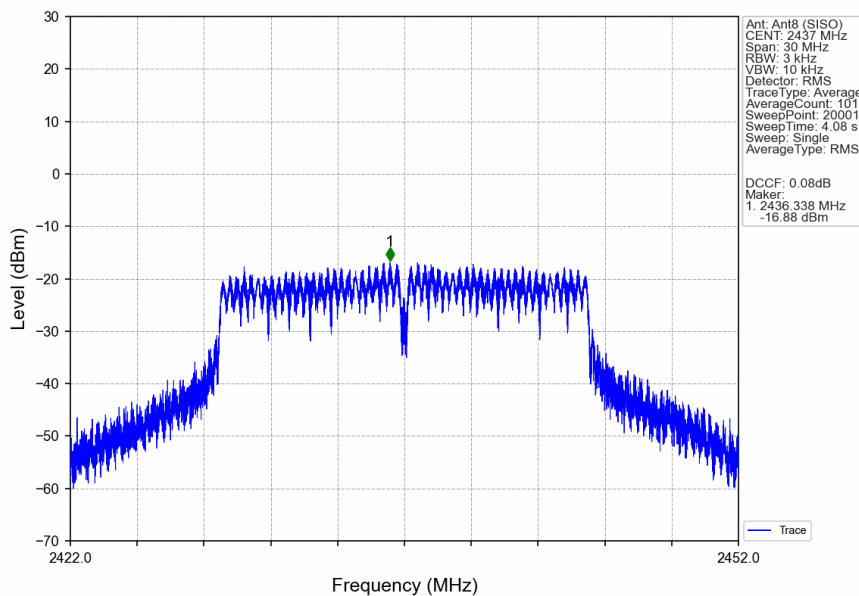
802.11b_HCH_2462MHz_Ant8 (SISO)_NTNV



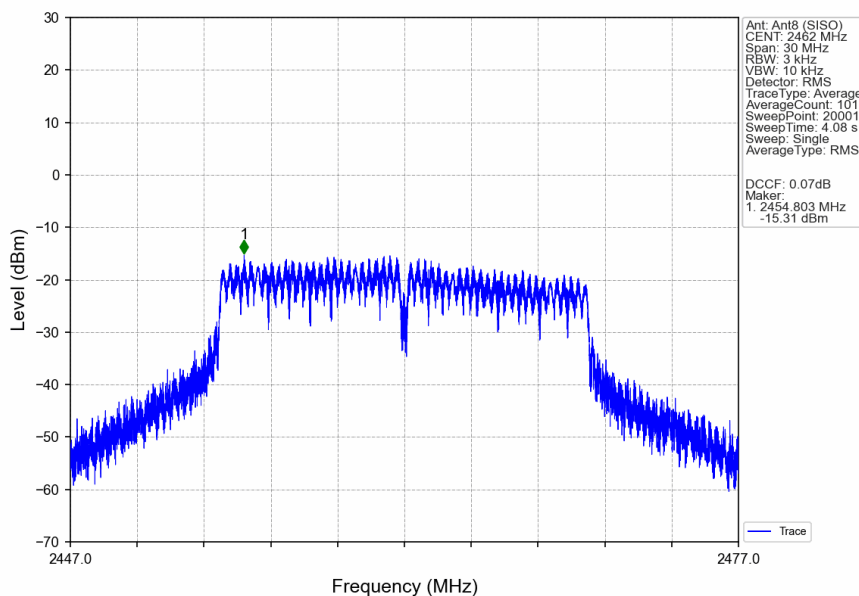
802.11g_LCH_2412MHz_Ant8 (SISO)_NTNV



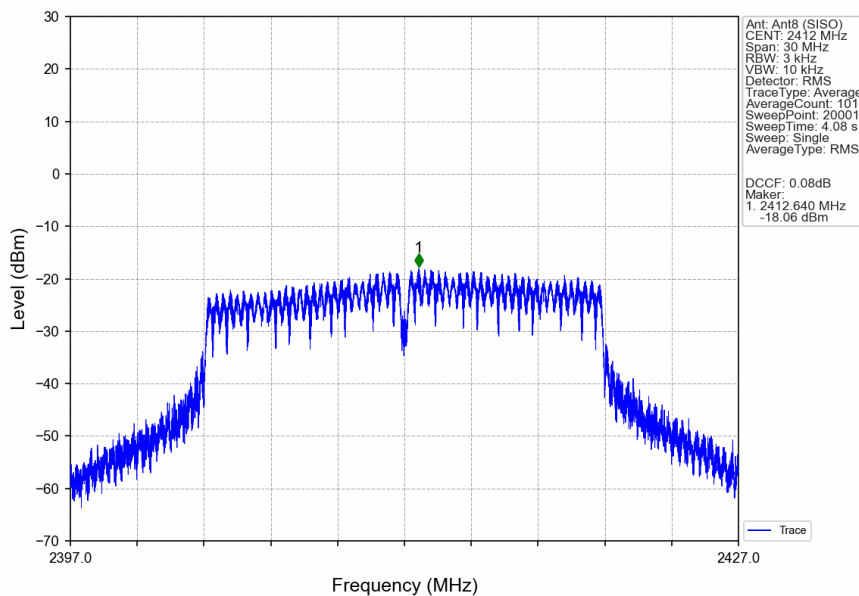
802.11g_MCH_2437MHz_Ant8 (SISO)_NTNV



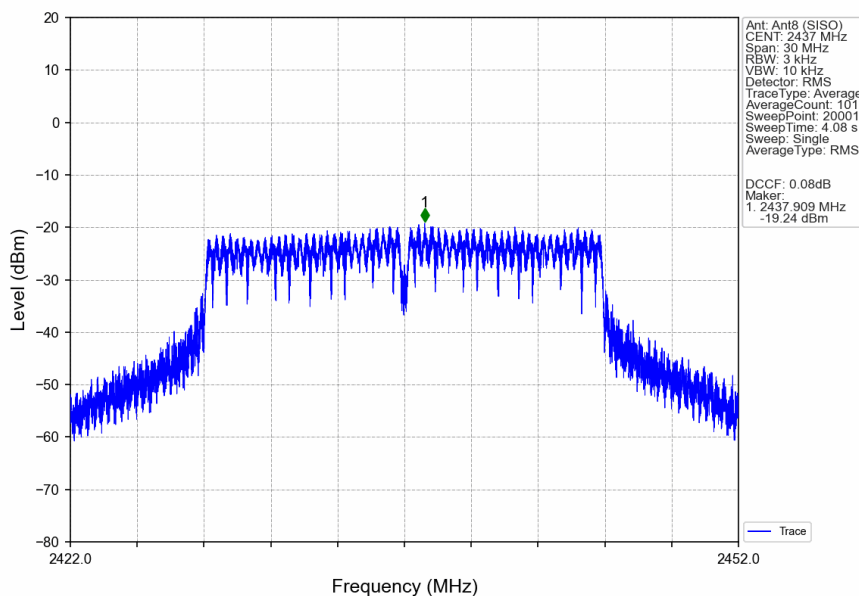
802.11g_HCH_2462MHz_Ant8 (SISO)_NTNV



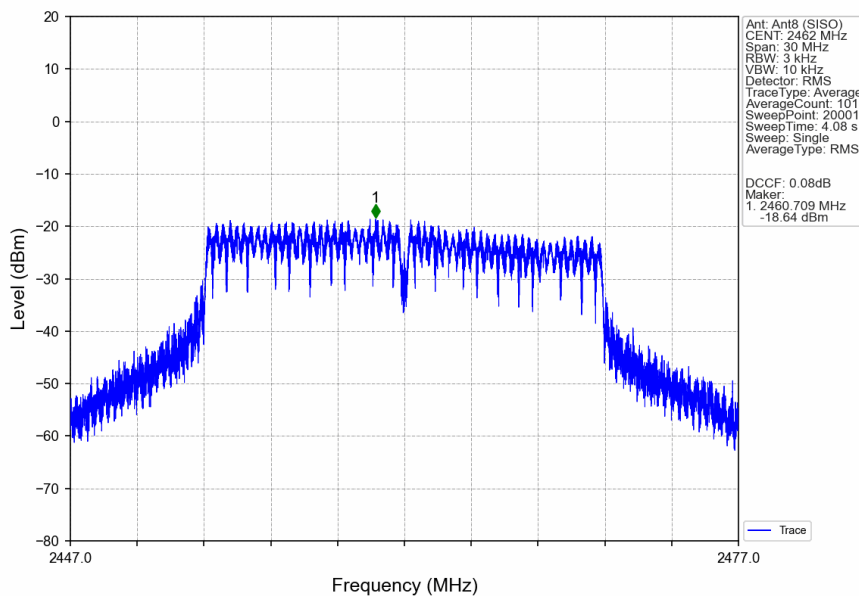
802.11n(HT20)_LCH_2412MHz_Ant8 (SISO)_NTNV



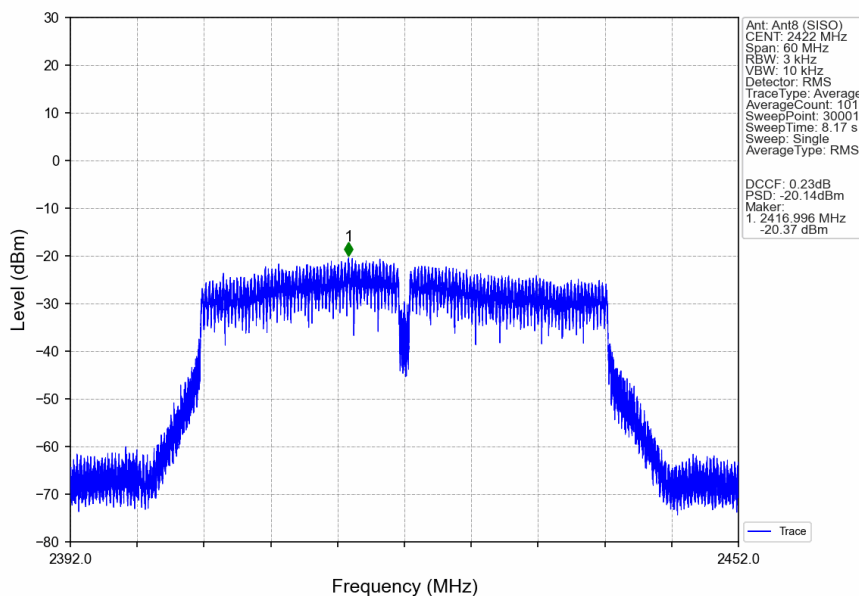
802.11n(HT20)_MCH_2437MHz_Ant8 (SISO)_NTNV



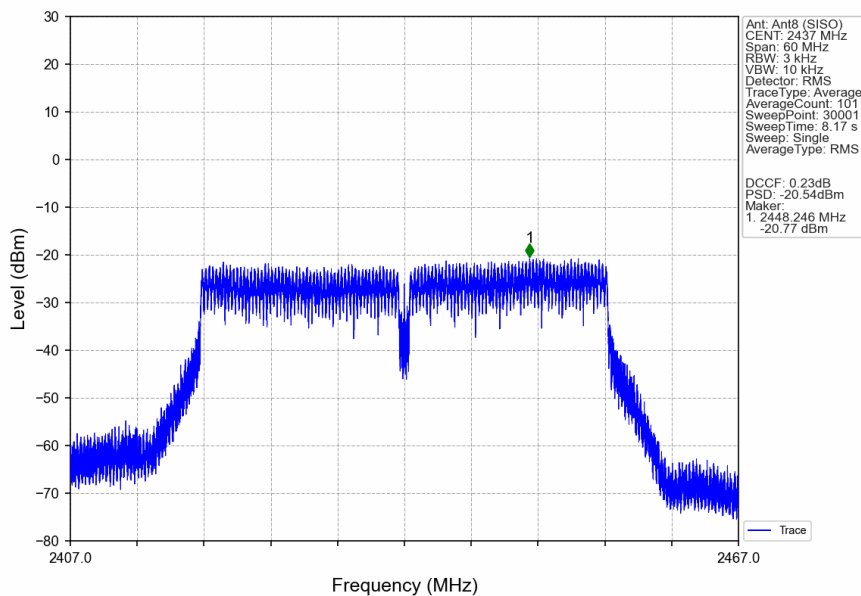
802.11n(HT20)_HCH_2462MHz_Ant8 (SISO)_NTNV



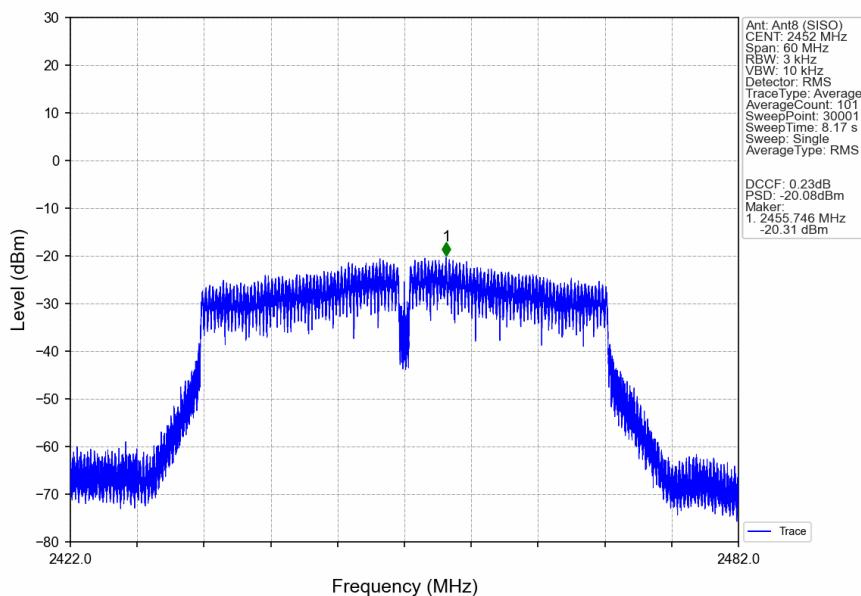
802.11n(HT40)_LCH_2422MHz_Ant8 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant8 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant8 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

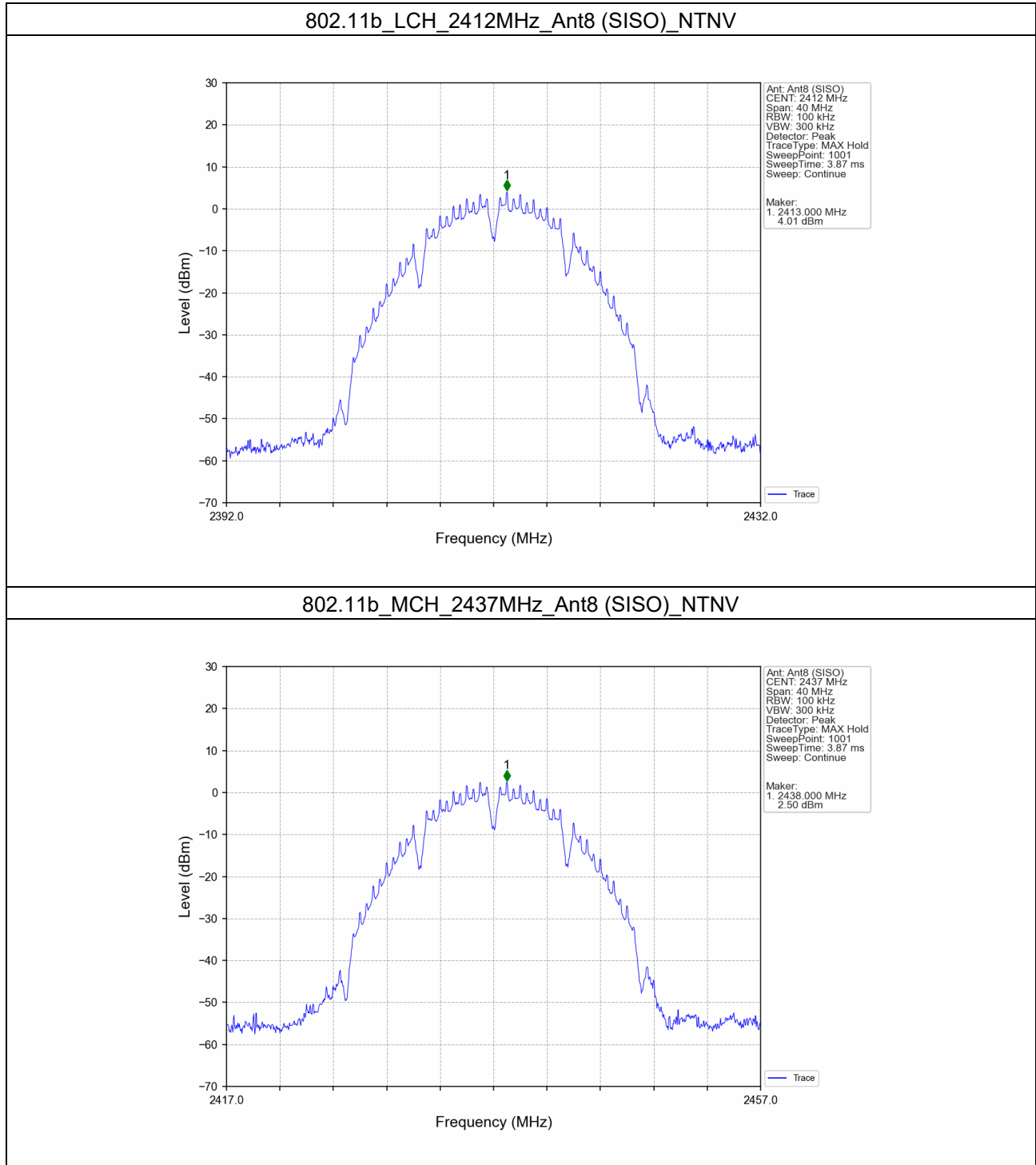
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	8	4.01
		2437	8	2.50
		2462	8	3.19
802.11g	SISO	2412	8	5.78
		2437	8	4.33
		2462	8	6.06
802.11n (HT20)	SISO	2412	8	5.32
		2437	8	4.35
		2462	8	4.18
802.11n (HT40)	SISO	2422	8	1.49
		2437	8	1.55
		2452	8	1.05

5.1.2 CSE

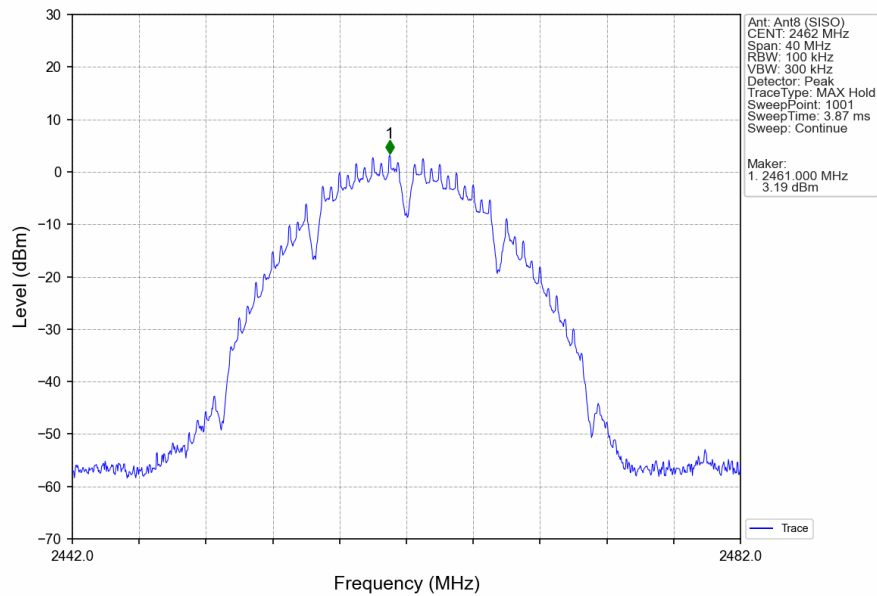
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	8	4.01	-25.99	Pass
		2437	8	4.01	-25.99	Pass
		2462	8	4.01	-25.99	Pass
802.11g	SISO	2412	8	6.06	-23.94	Pass
		2437	8	6.06	-23.94	Pass
		2462	8	6.06	-23.94	Pass
802.11n (HT20)	SISO	2412	8	5.32	-24.68	Pass
		2437	8	5.32	-24.68	Pass
		2462	8	5.32	-24.68	Pass
802.11n (HT40)	SISO	2422	8	1.55	-28.45	Pass
		2437	8	1.55	-28.45	Pass
		2452	8	1.55	-28.45	Pass

5.2 Test Graph

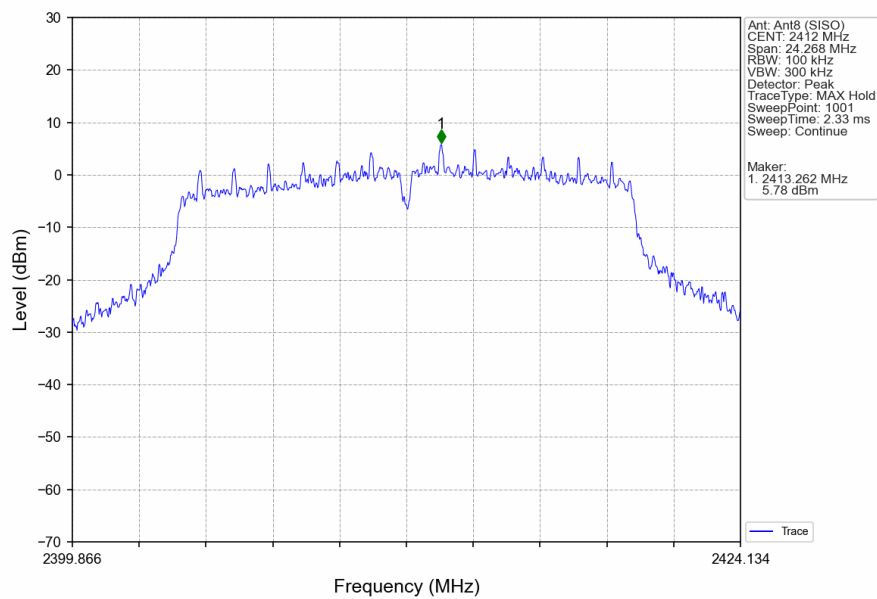
5.2.1 Ref



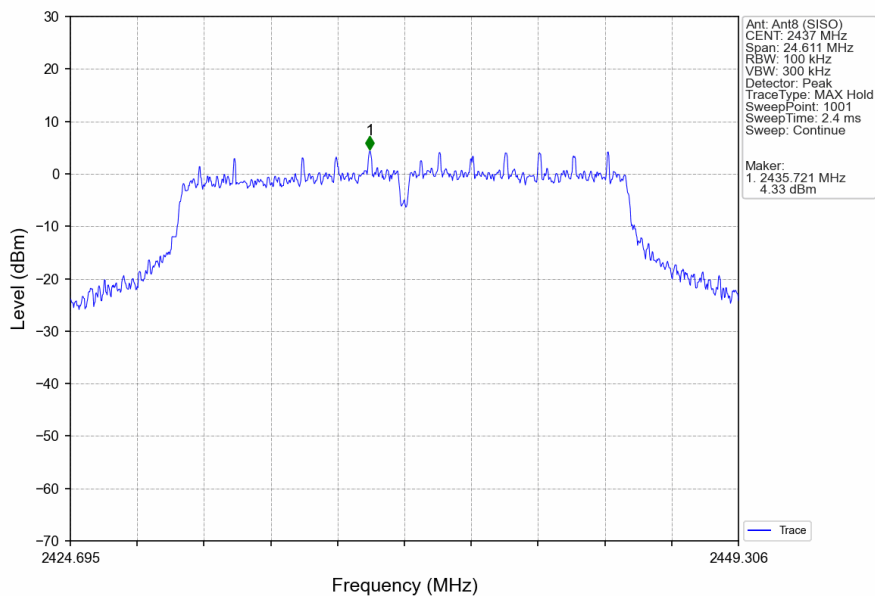
802.11b_HCH_2462MHz_Ant8 (SISO)_NTNV



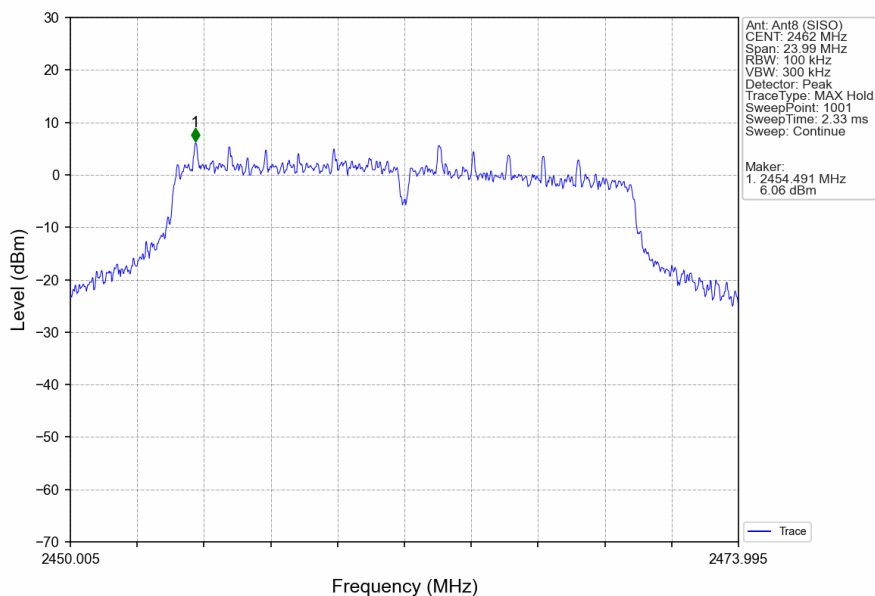
802.11g_LCH_2412MHz_Ant8 (SISO)_NTNV



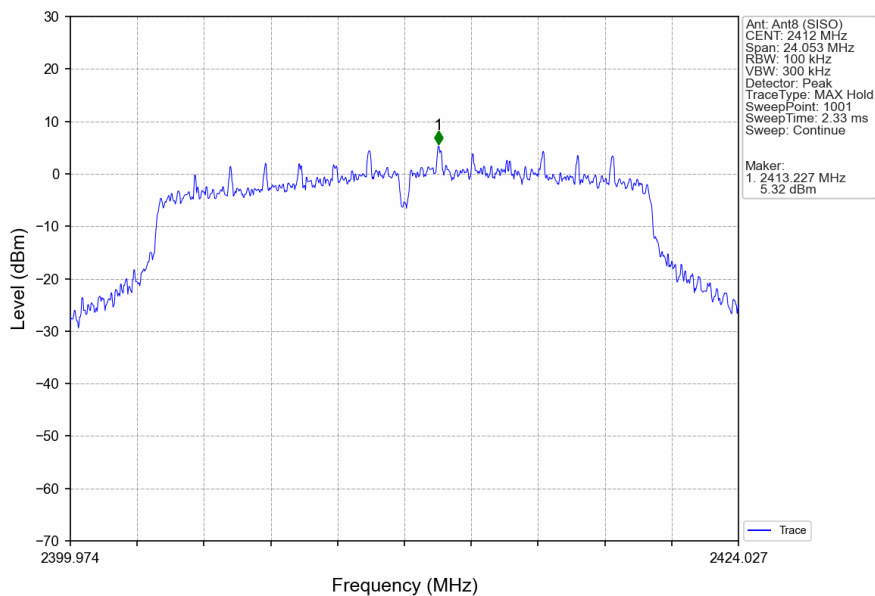
802.11g_MCH_2437MHz_Ant8 (SISO)_NTNV



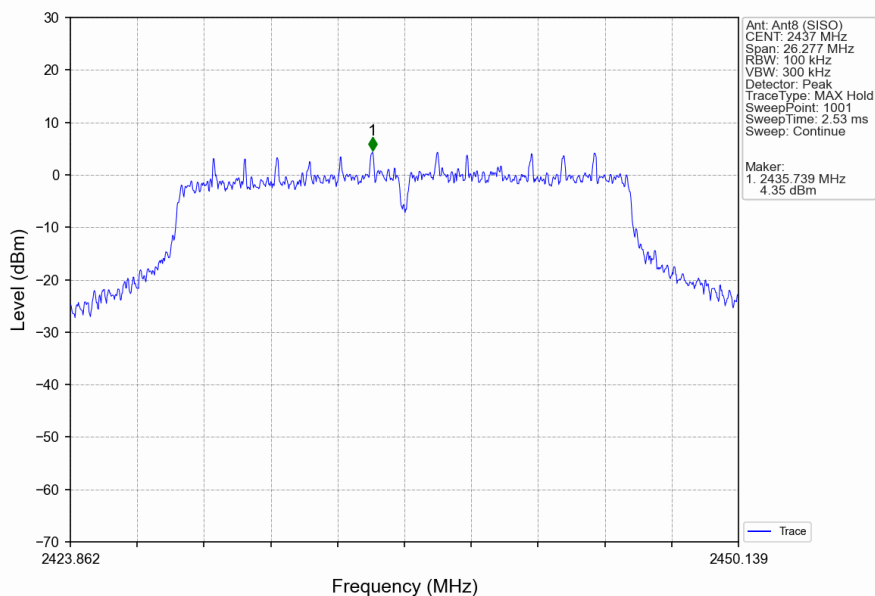
802.11g_HCH_2462MHz_Ant8 (SISO)_NTNV



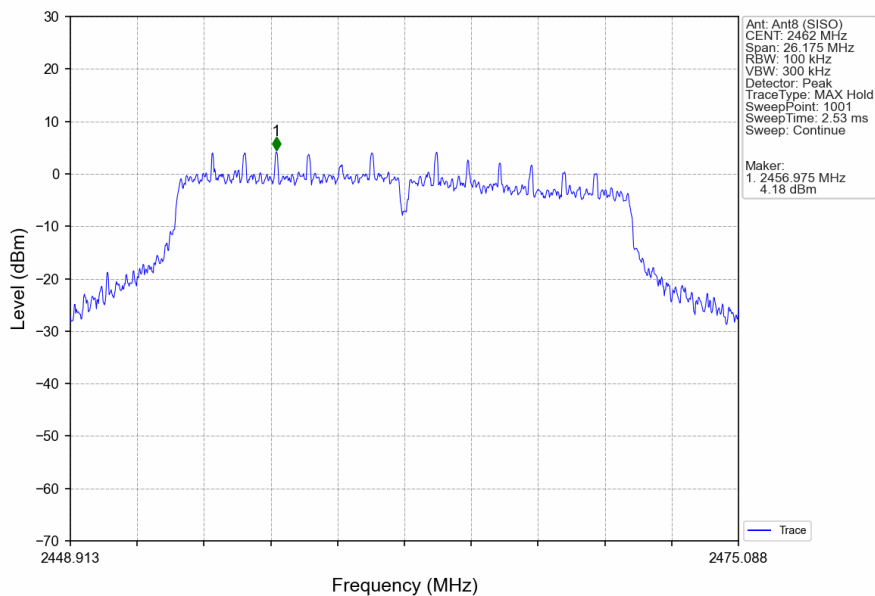
802.11n(HT20)_LCH_2412MHz_Ant8 (SISO)_NTNV



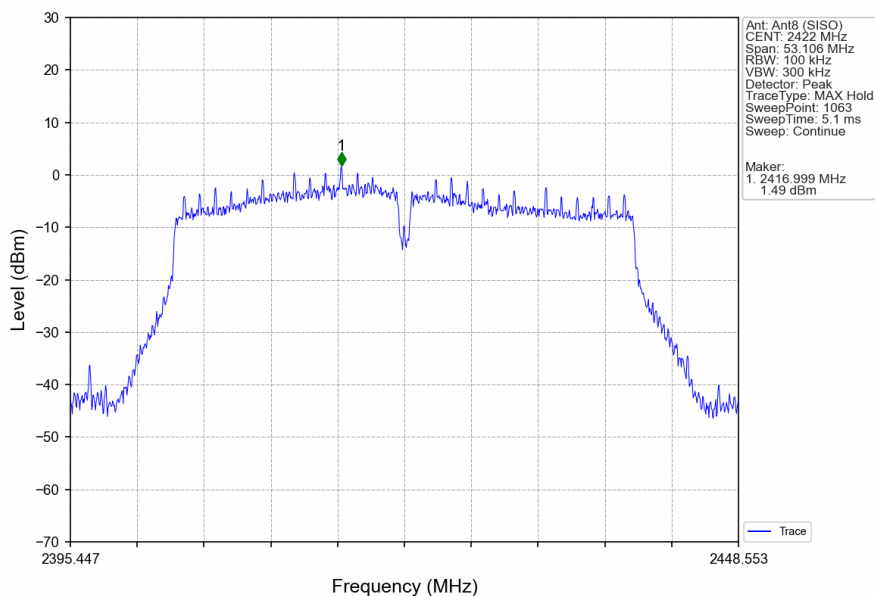
802.11n(HT20)_MCH_2437MHz_Ant8 (SISO)_NTNV



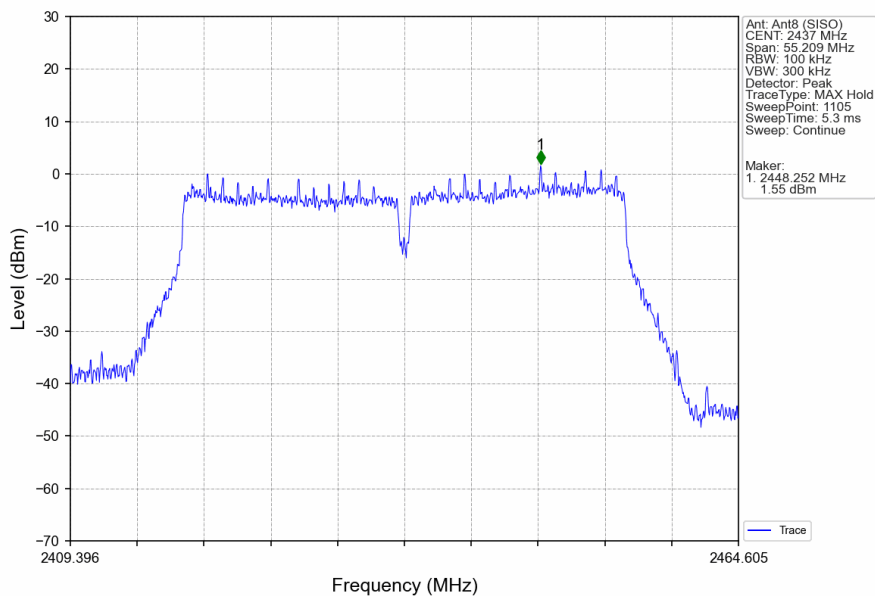
802.11n(HT20)_HCH_2462MHz_Ant8 (SISO)_NTNV



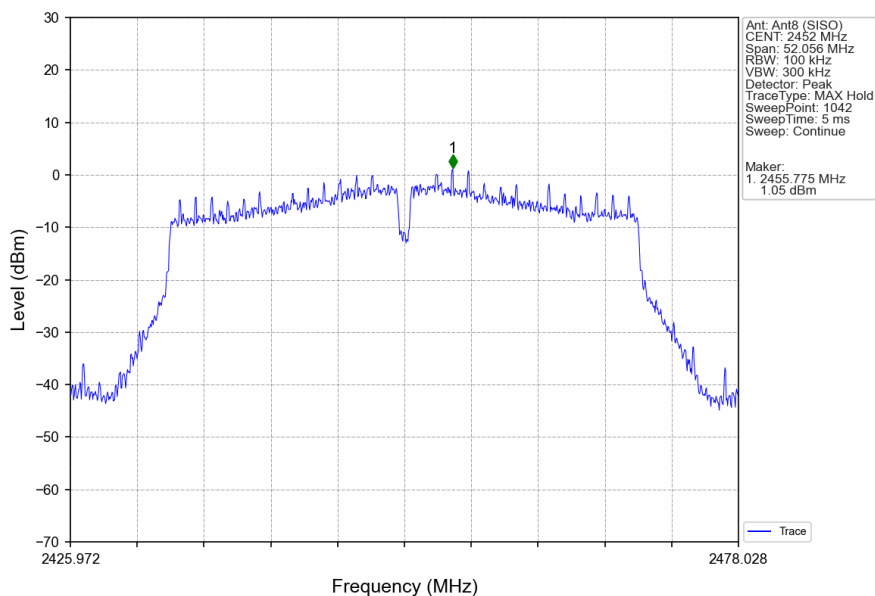
802.11n(HT40)_LCH_2422MHz_Ant8 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant8 (SISO)_NTNV

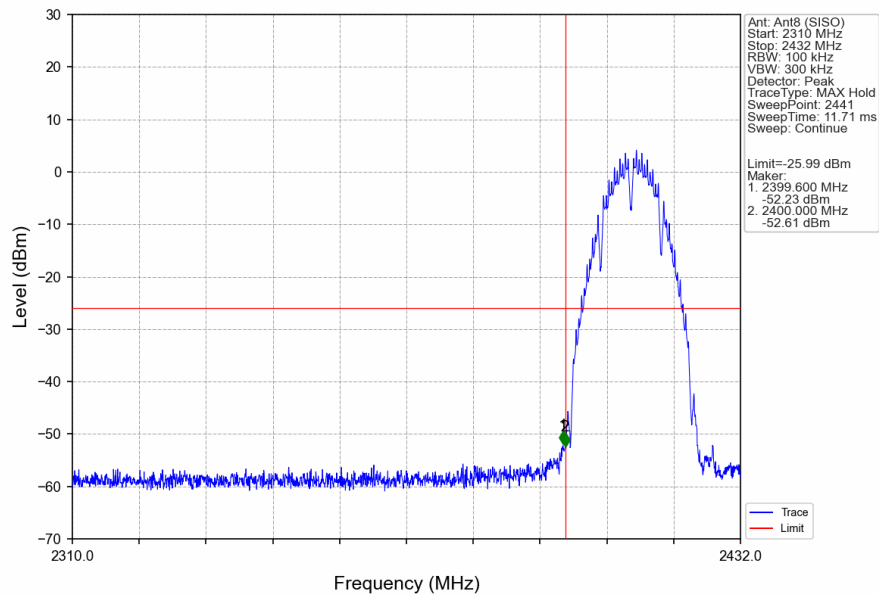


802.11n(HT40)_HCH_2452MHz_Ant8 (SISO)_NTNV

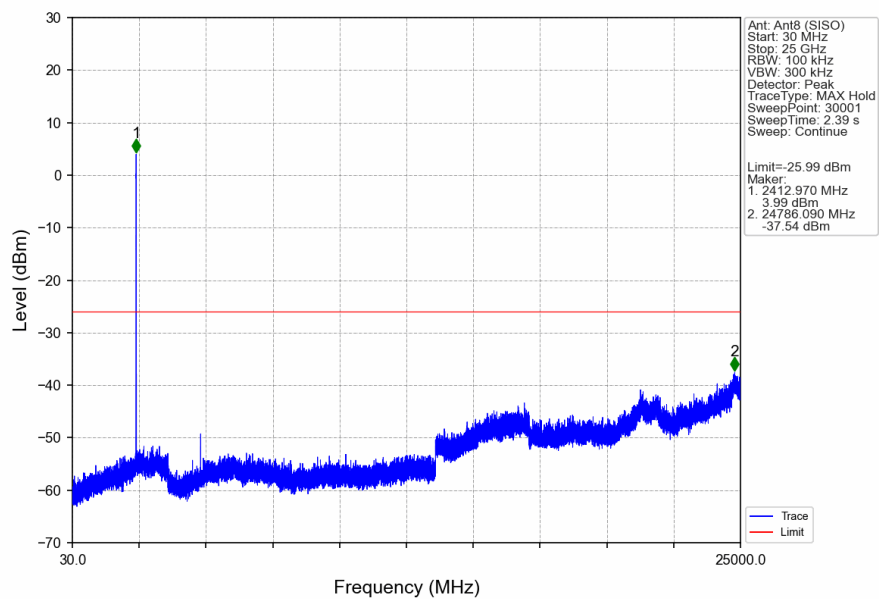


5.2.2 CSE

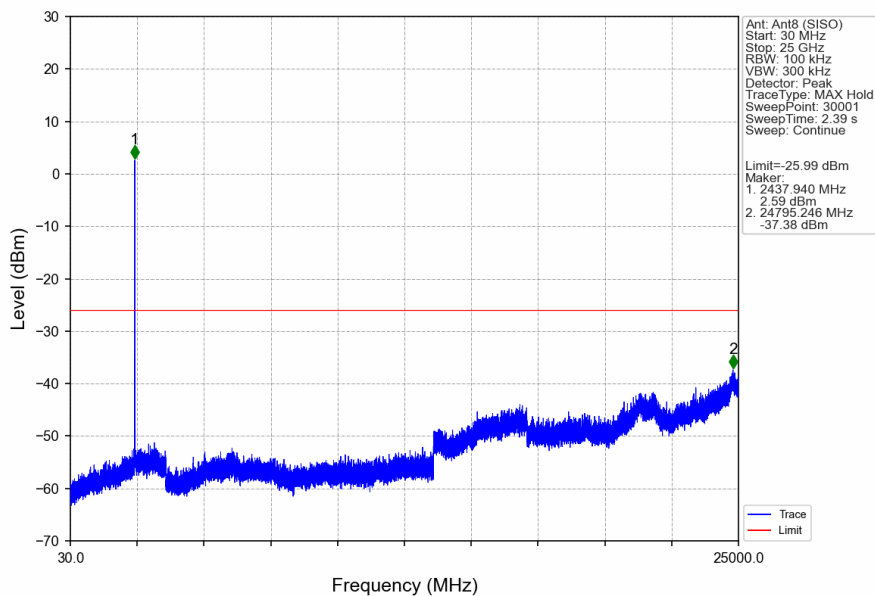
802.11b_LCH_2412MHz_Ant8 (SISO)_NTNV



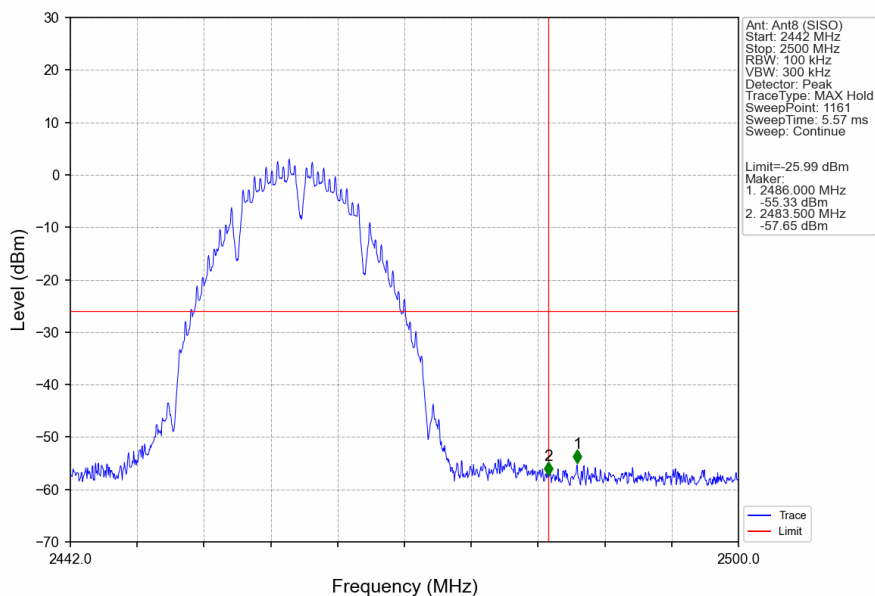
802.11b_LCH_2412MHz_Ant8 (SISO)_NTNV



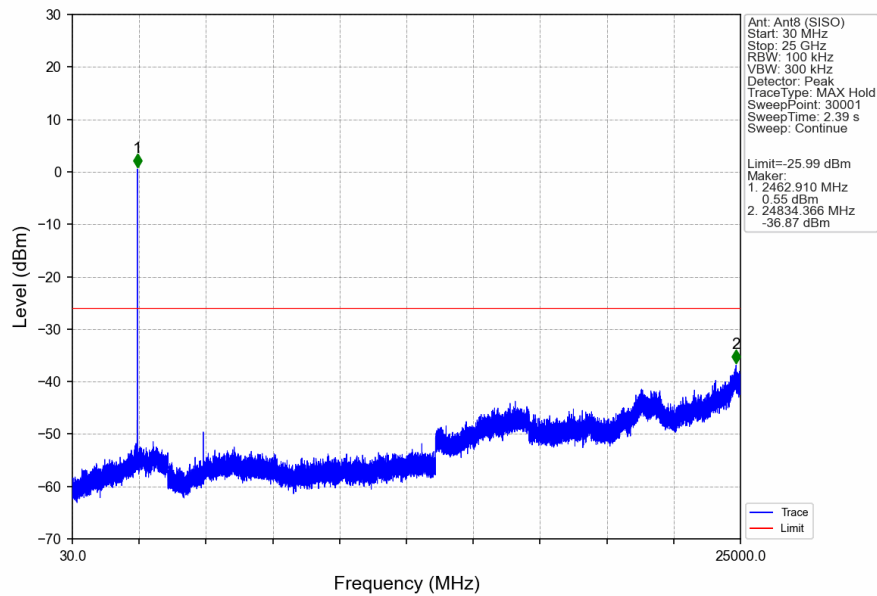
802.11b_MCH_2437MHz_Ant8 (SISO)_NTNV



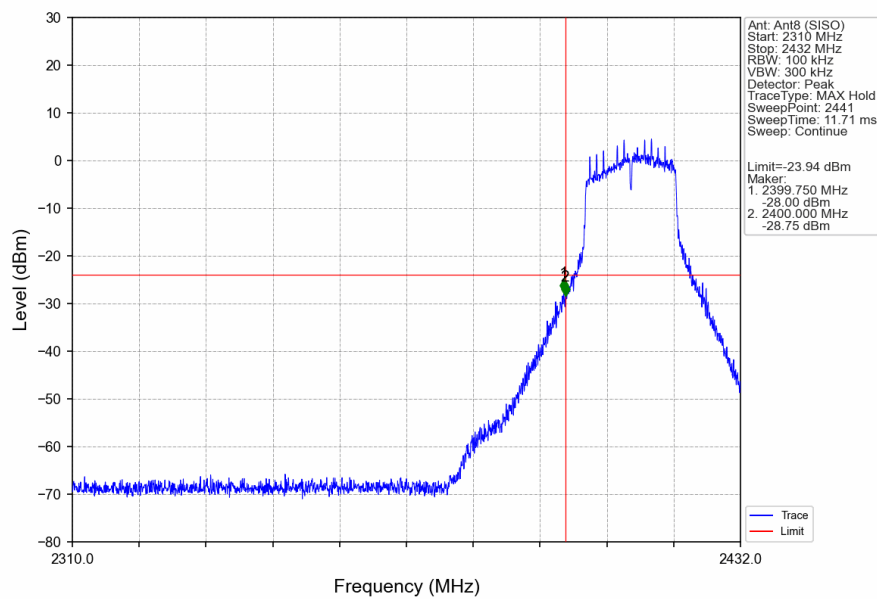
802.11b_HCH_2462MHz_Ant8 (SISO)_NTNV



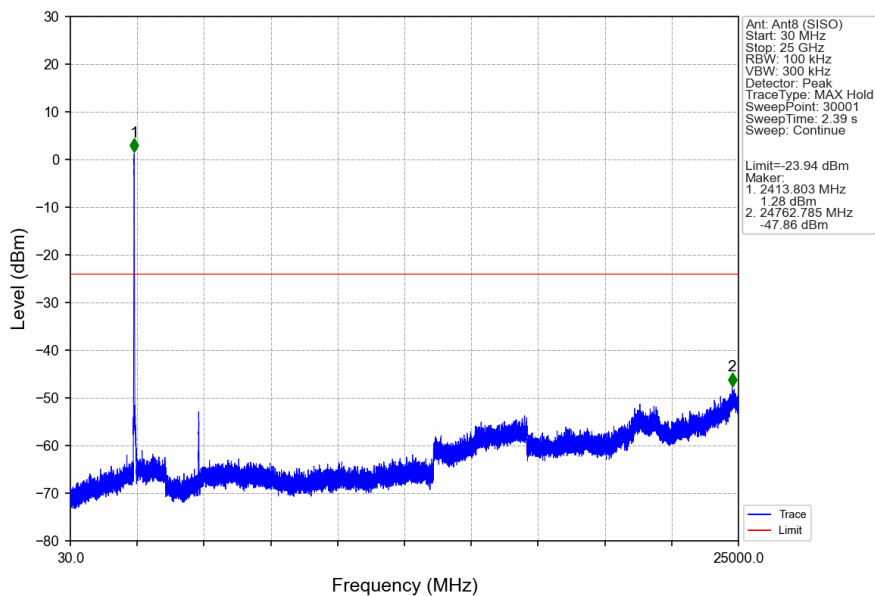
802.11b_HCH_2462MHz_Ant8 (SISO)_NTNV



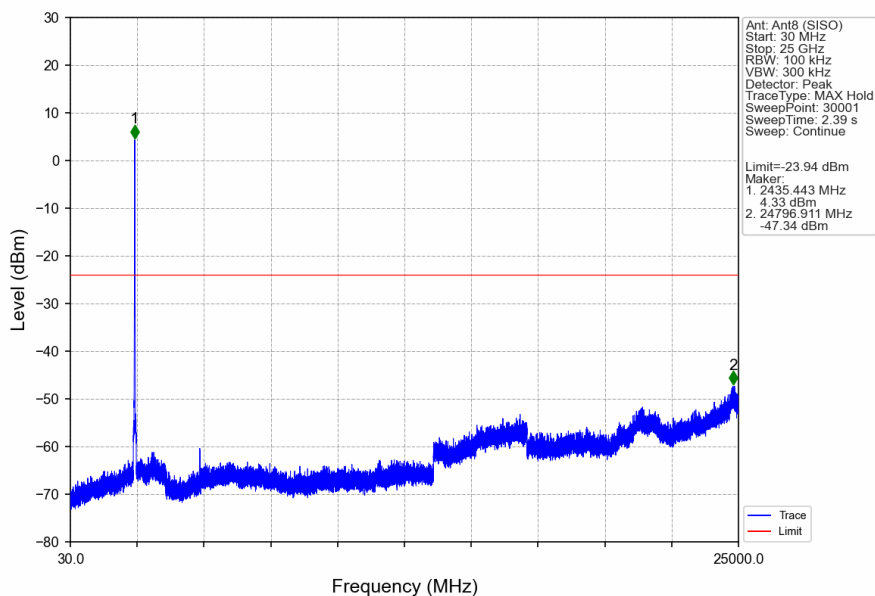
802.11g_LCH_2412MHz_Ant8 (SISO)_NTNV



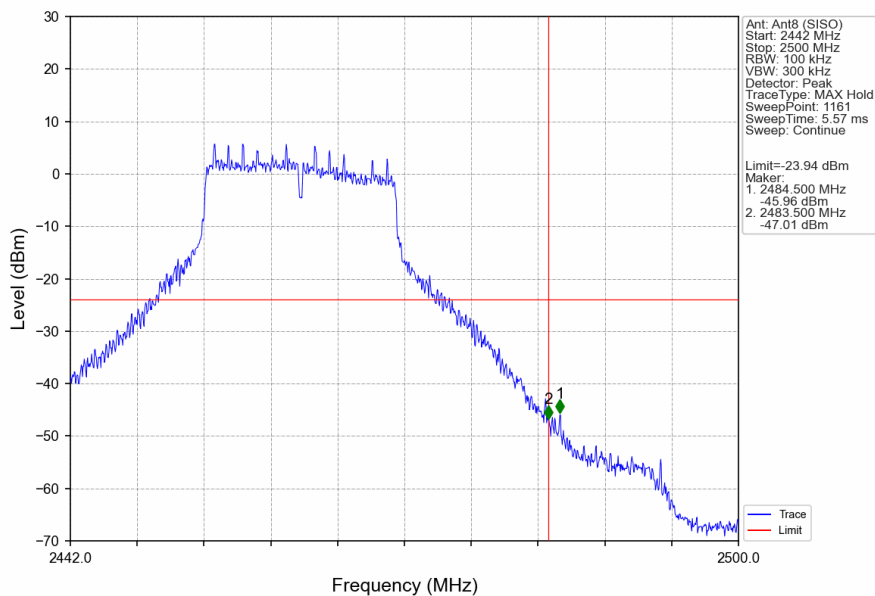
802.11g_LCH_2412MHz_Ant8 (SISO)_NTNV



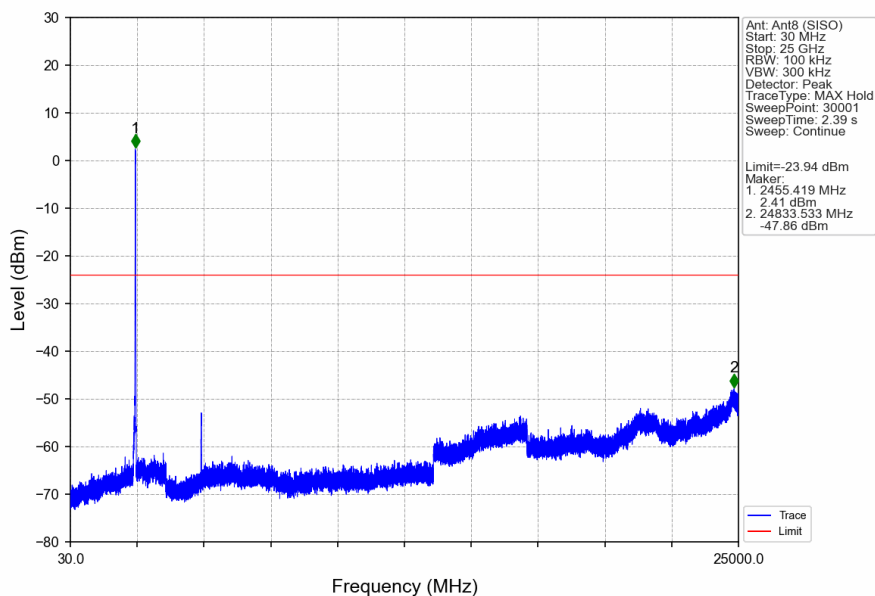
802.11g_MCH_2437MHz_Ant8 (SISO)_NTNV



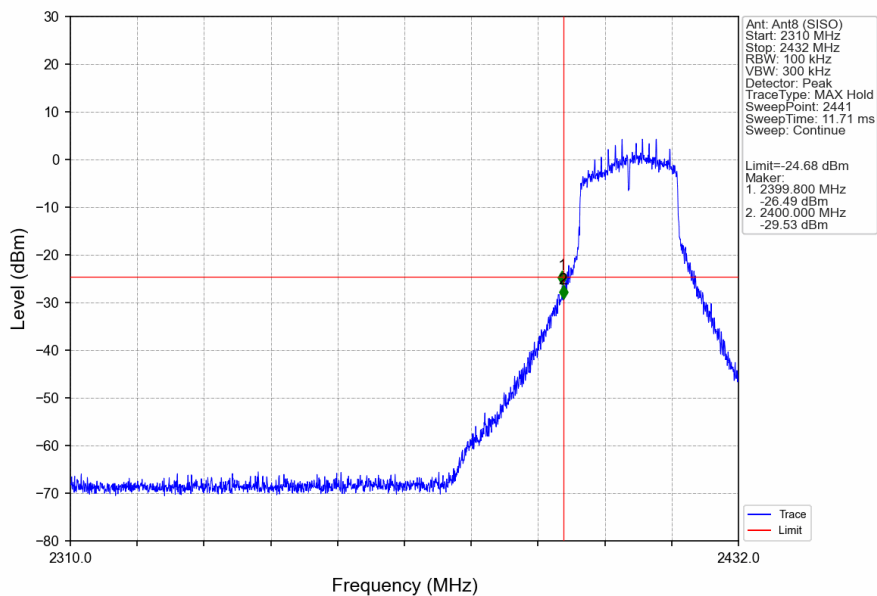
802.11g_HCH_2462MHz_Ant8 (SISO)_NTNV



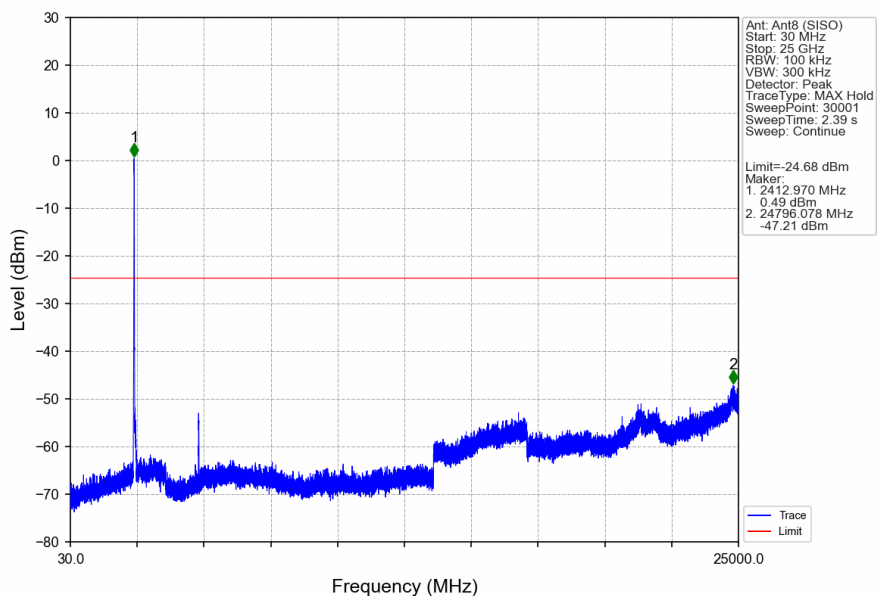
802.11g_HCH_2462MHz_Ant8 (SISO)_NTNV



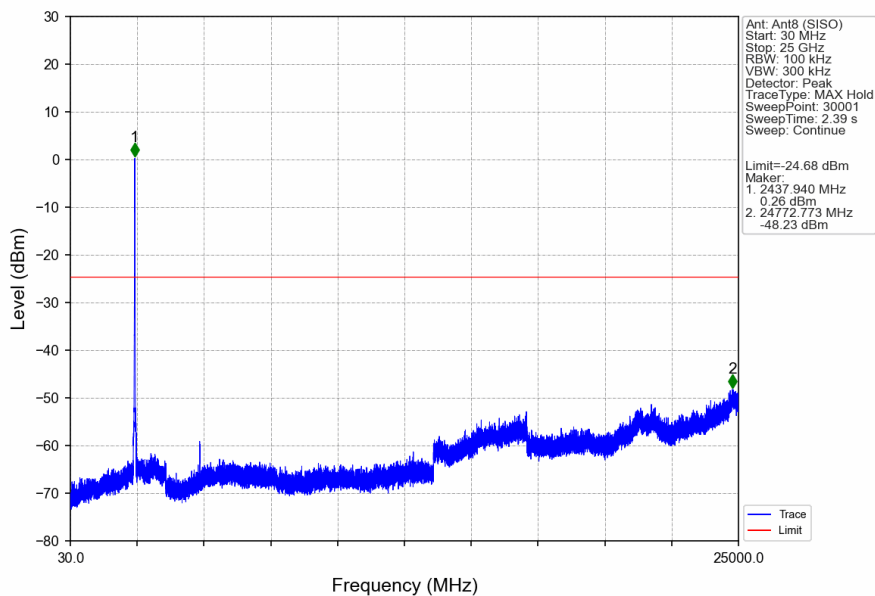
802.11n(HT20)_LCH_2412MHz_Ant8 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant8 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant8 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant8 (SISO)_NTNV

