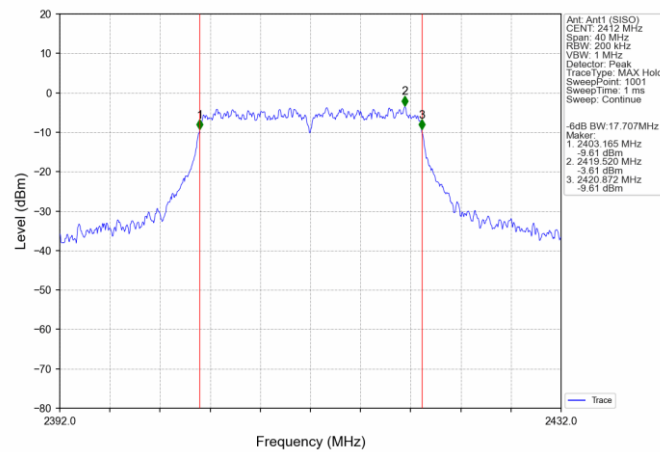
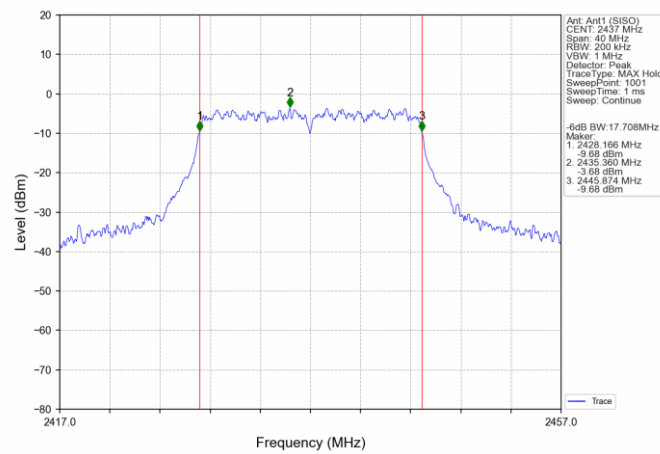




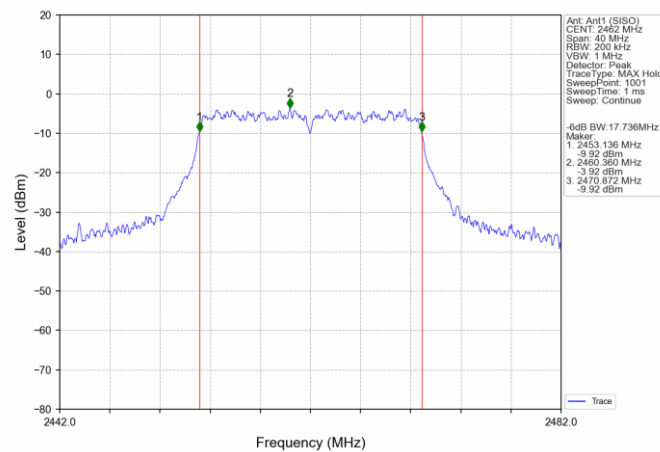
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

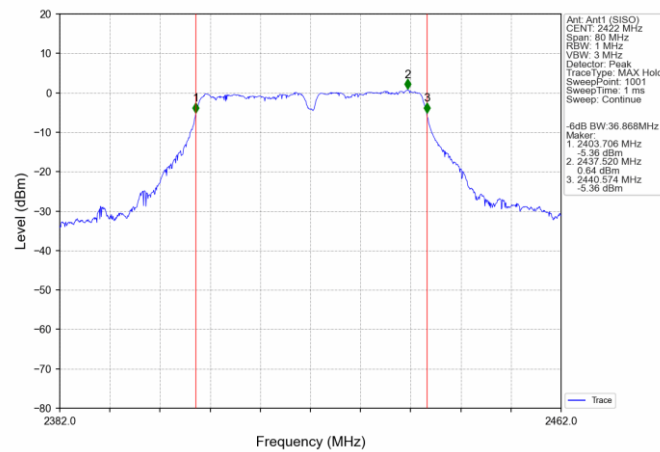


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

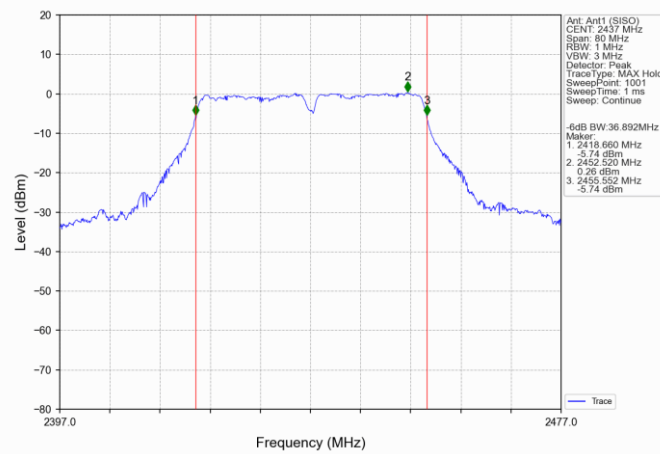




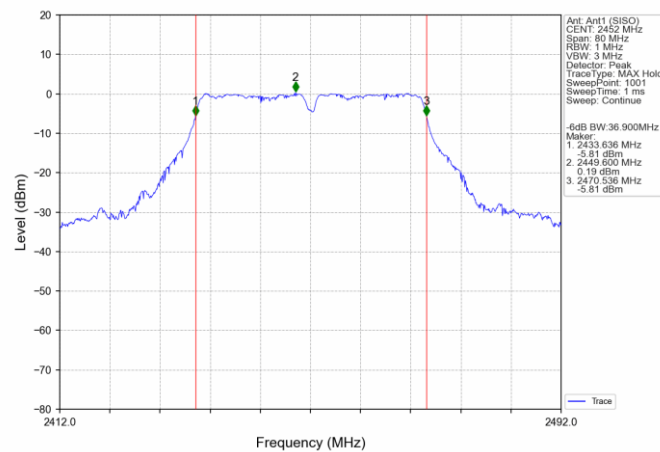
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV





3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	15.42	<=30	Pass
		2437	15.23	<=30	Pass
		2462	14.70	<=30	Pass
802.11g	SISO	2412	14.41	<=30	Pass
		2437	14.69	<=30	Pass
		2462	14.53	<=30	Pass
802.11n (HT20)	SISO	2412	14.65	<=30	Pass
		2437	14.78	<=30	Pass
		2462	14.60	<=30	Pass
802.11n (HT40)	SISO	2422	14.69	<=30	Pass
		2437	14.57	<=30	Pass
		2452	14.64	<=30	Pass
Note1: Antenna Gain: Ant1: 0.15dBi:					



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

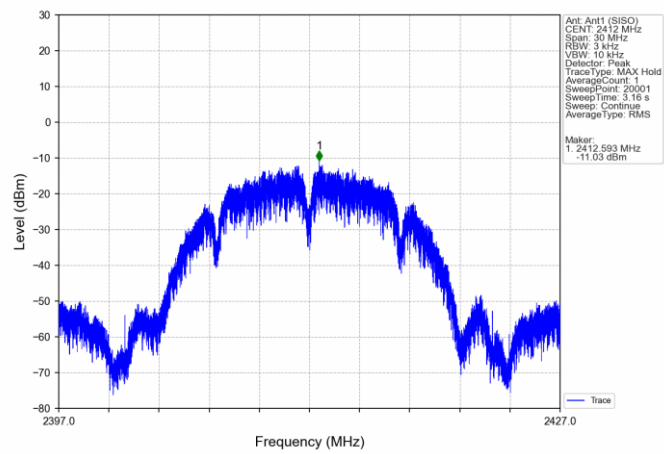
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	-11.03dBm/3kHz	<=8	Pass
		2437	-11.93dBm/3kHz	<=8	Pass
		2462	-11.73dBm/3kHz	<=8	Pass
802.11g	SISO	2412	-19.51dBm/3kHz	<=8	Pass
		2437	-18.97dBm/3kHz	<=8	Pass
		2462	-18.97dBm/3kHz	<=8	Pass
802.11n (HT20)	SISO	2412	-18.94dBm/3kHz	<=8	Pass
		2437	-18.72dBm/3kHz	<=8	Pass
		2462	-19.01dBm/3kHz	<=8	Pass
802.11n (HT40)	SISO	2422	-20.92dBm/3kHz	<=8	Pass
		2437	-21.08dBm/3kHz	<=8	Pass
		2452	-20.59dBm/3kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 0.15dBi;					



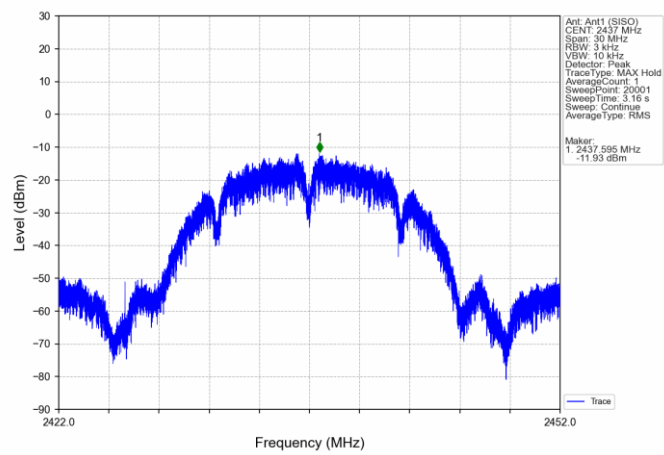
4.2 Test Graph

4.2.1 PSD

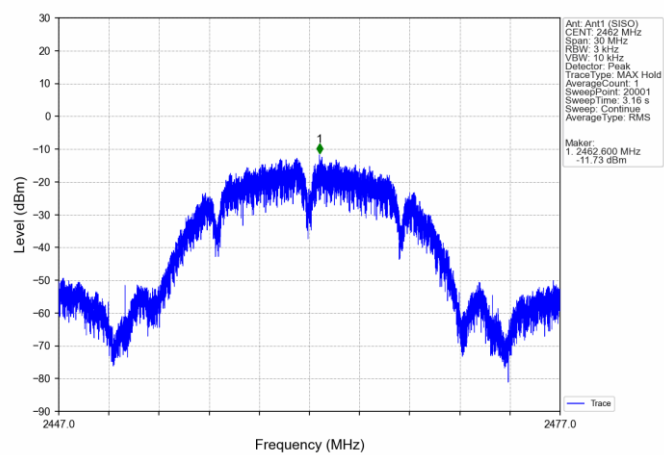
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

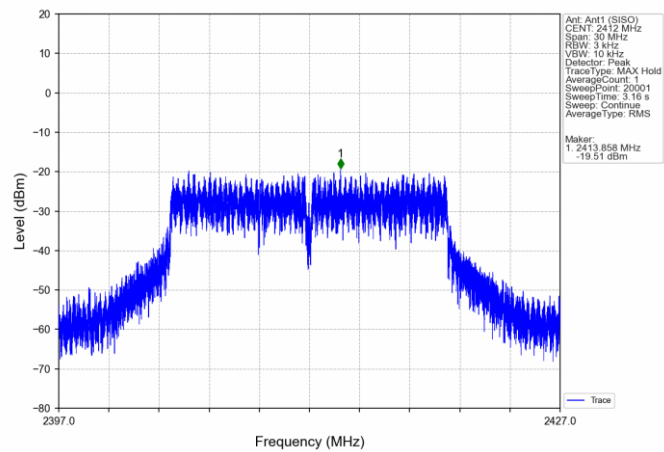


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

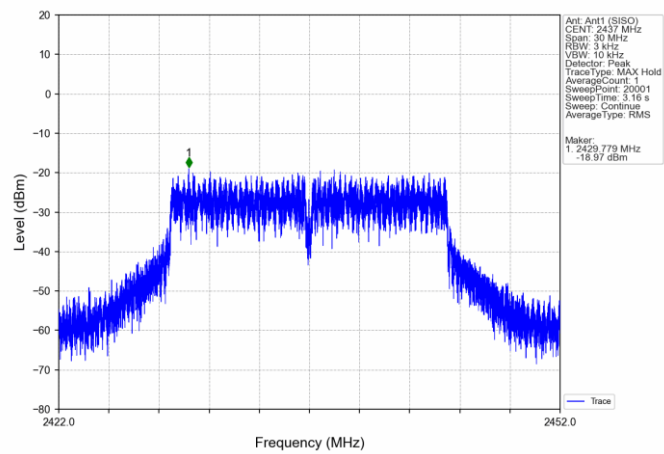




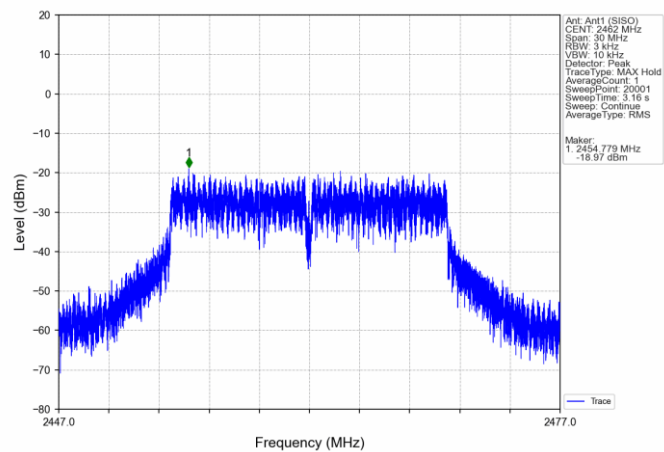
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

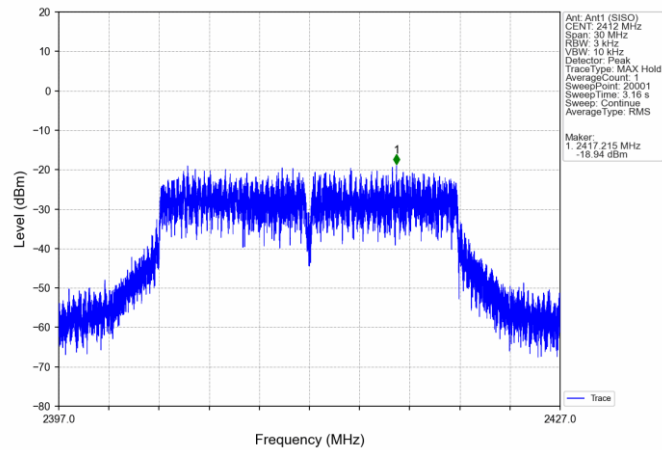


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

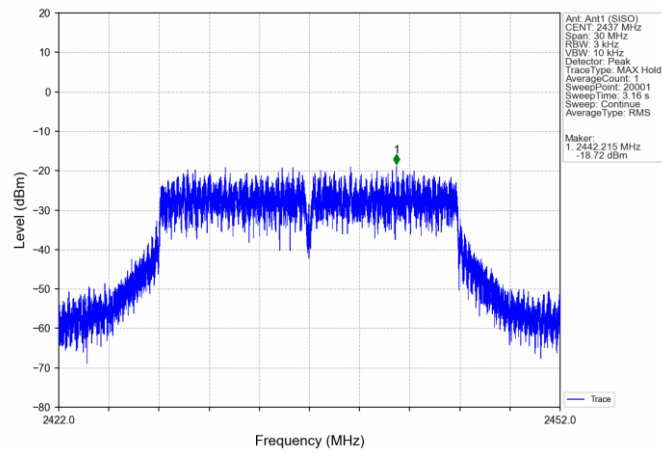




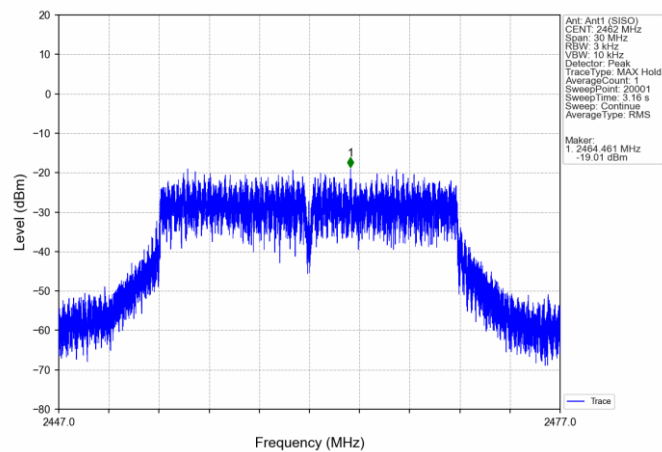
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

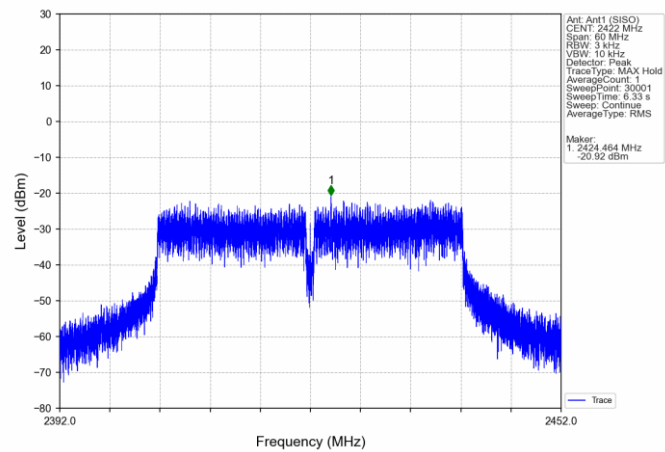


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

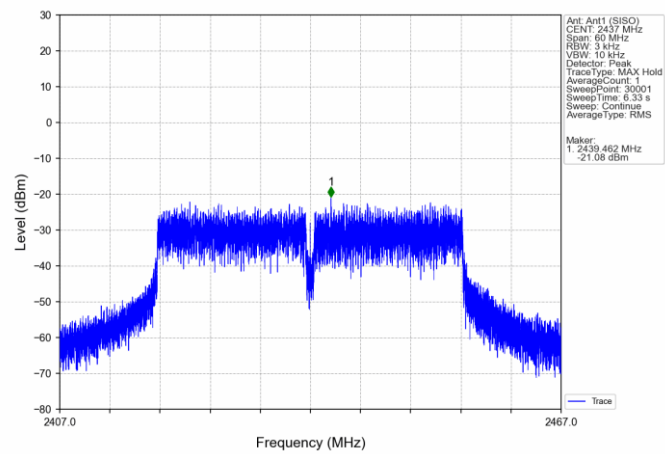




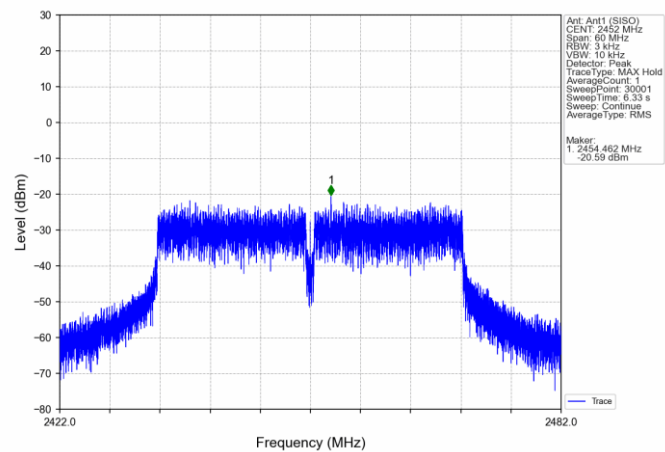
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV





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	1	3.18
		2437	1	3.13
		2462	1	2.57
802.11g	SISO	2412	1	-4.69
		2437	1	-4.62
		2462	1	-4.67
802.11n (HT20)	SISO	2412	1	-4.46
		2437	1	-4.48
		2462	1	-4.64
802.11n (HT40)	SISO	2422	1	-7.00
		2437	1	-7.27
		2452	1	-7.47

5.1.2 CSE

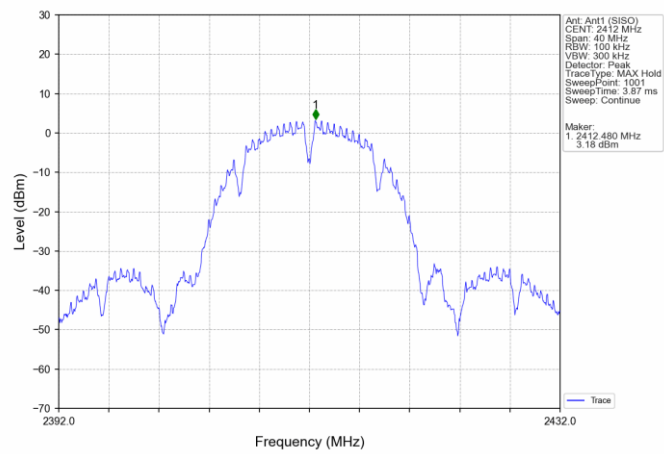
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.18	-16.82	Pass
		2437	1	3.13	-16.87	Pass
		2462	1	2.57	-17.43	Pass
802.11g	SISO	2412	1	-4.69	-24.69	Pass
		2437	1	-4.62	-24.62	Pass
		2462	1	-4.67	-24.67	Pass
802.11n (HT20)	SISO	2412	1	-4.46	-24.46	Pass
		2437	1	-4.48	-24.48	Pass
		2462	1	-4.64	-24.64	Pass
802.11n (HT40)	SISO	2422	1	-7.00	-27.00	Pass
		2437	1	-7.27	-27.27	Pass
		2452	1	-7.47	-27.47	Pass



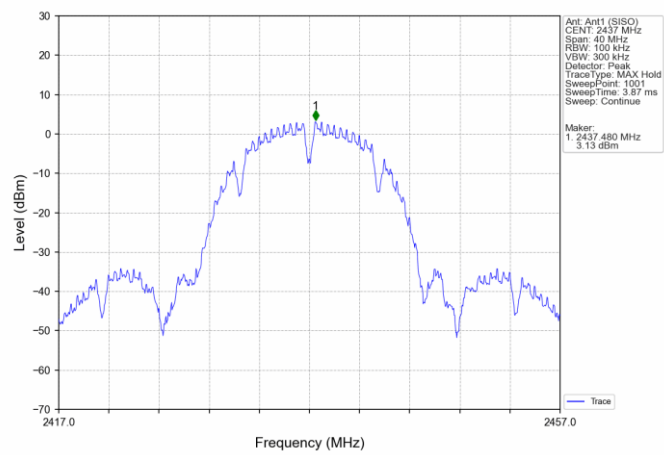
5.2 Test Graph

5.2.1 Ref

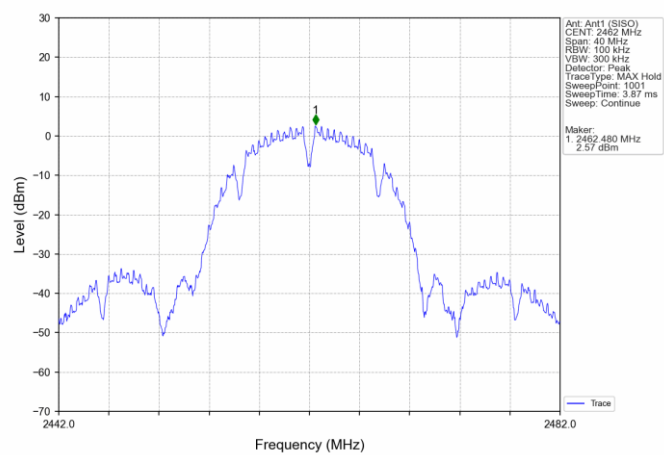
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

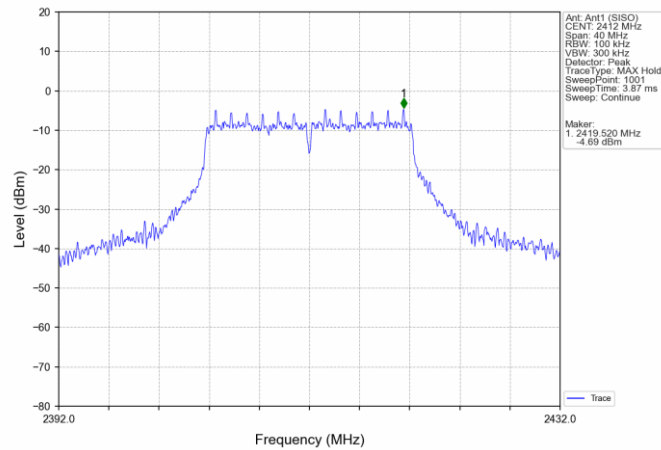


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

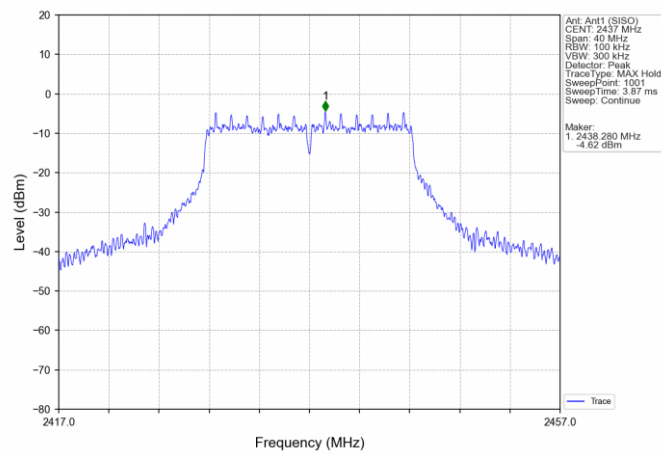




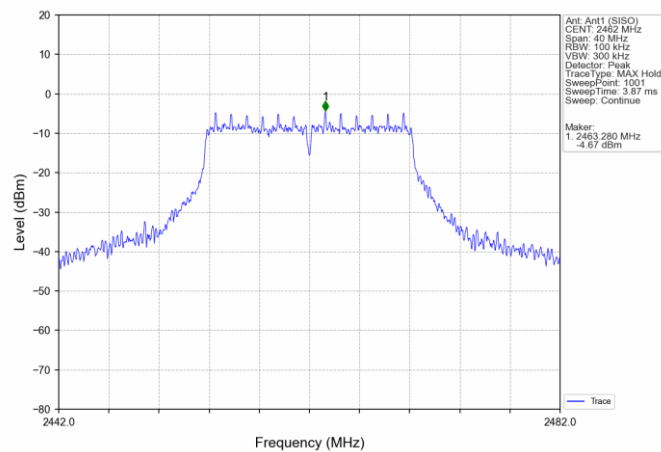
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

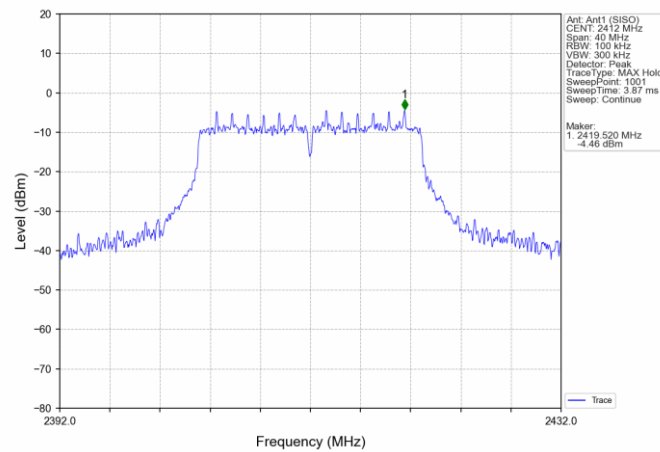


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

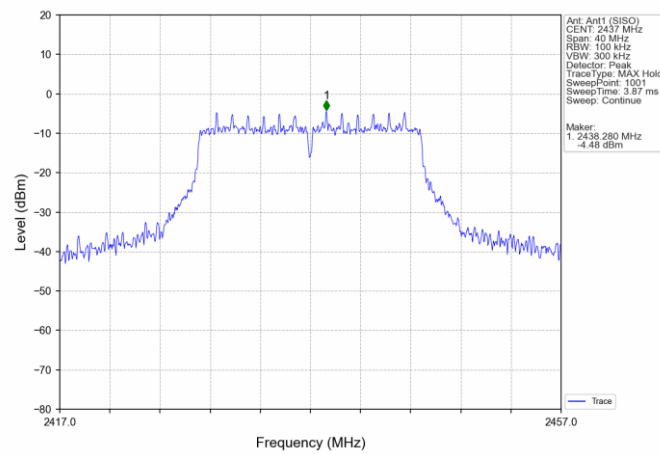




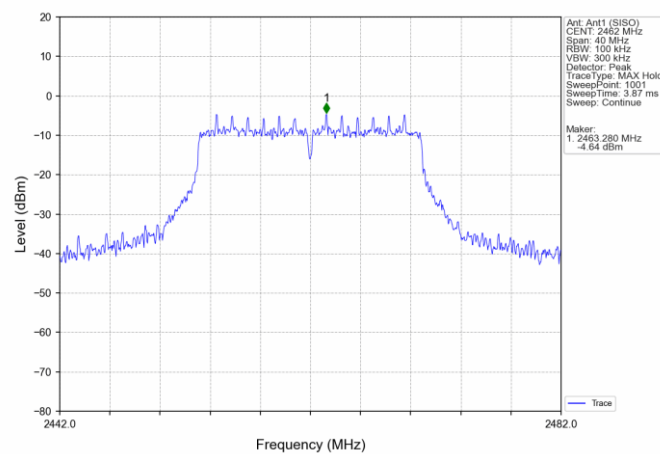
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

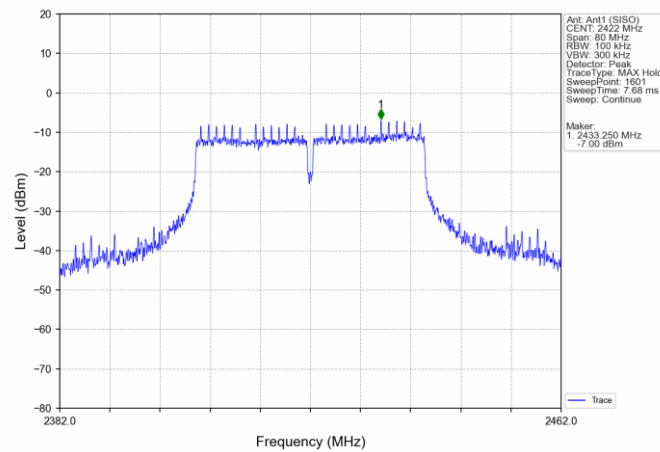


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

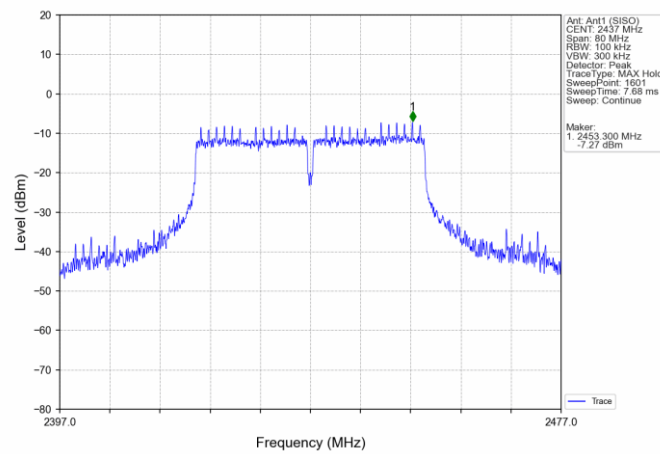




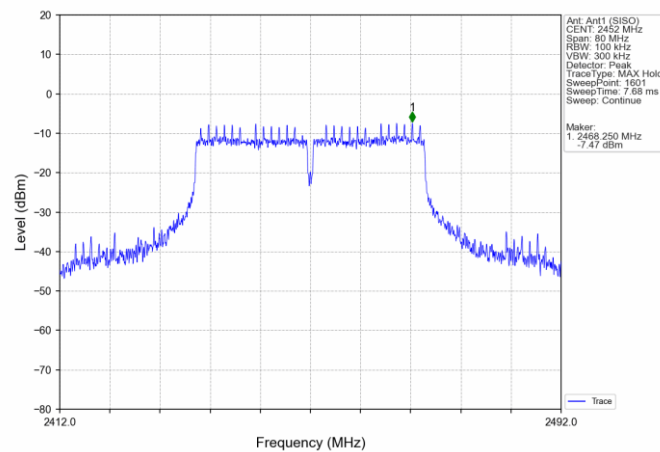
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



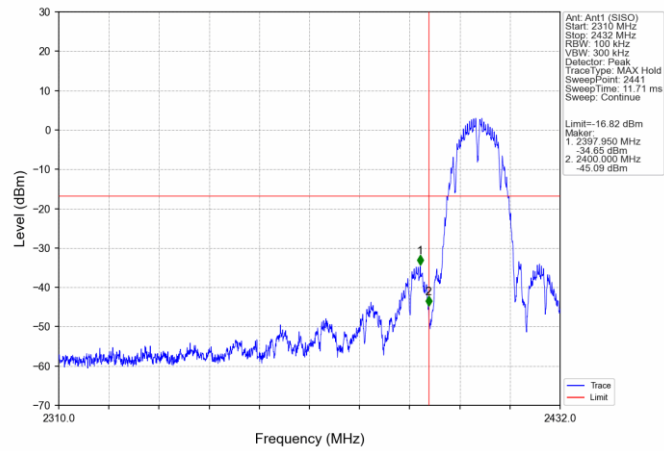
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



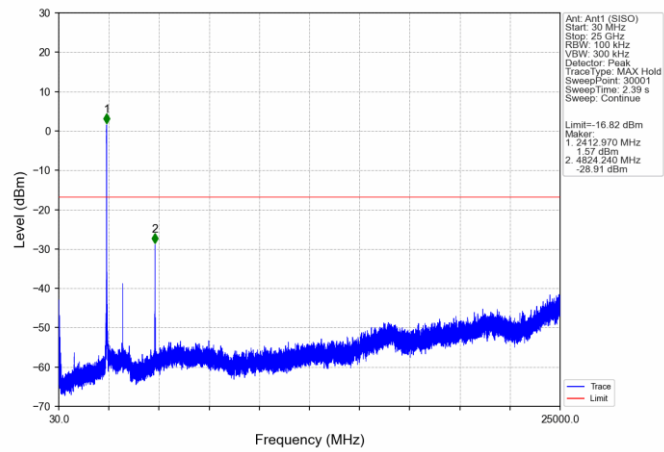


5.2.2 CSE

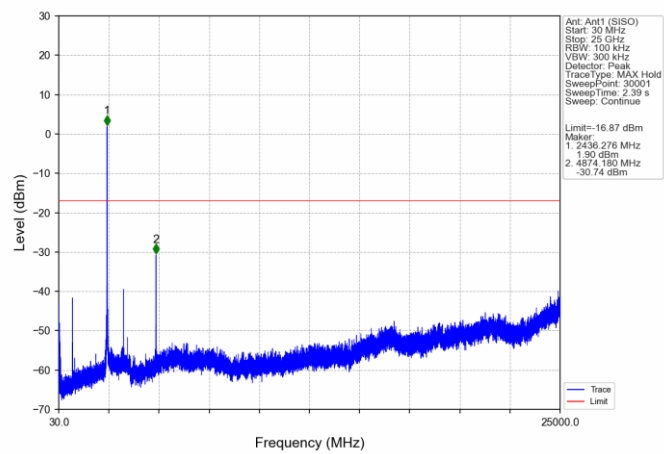
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

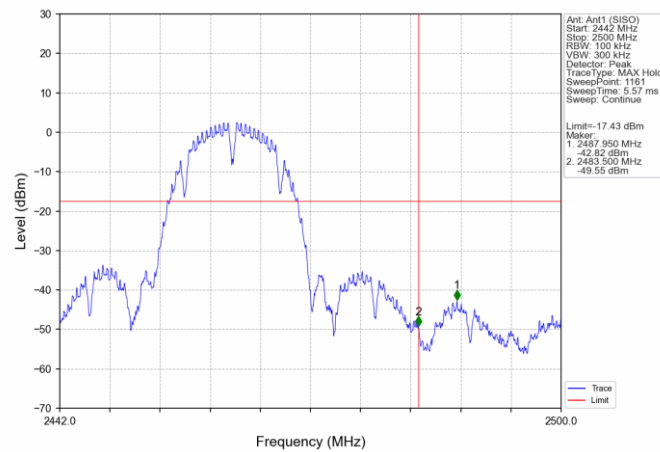


802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

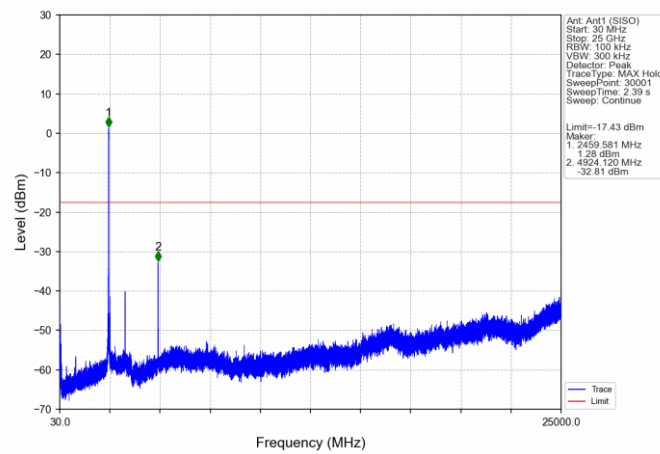




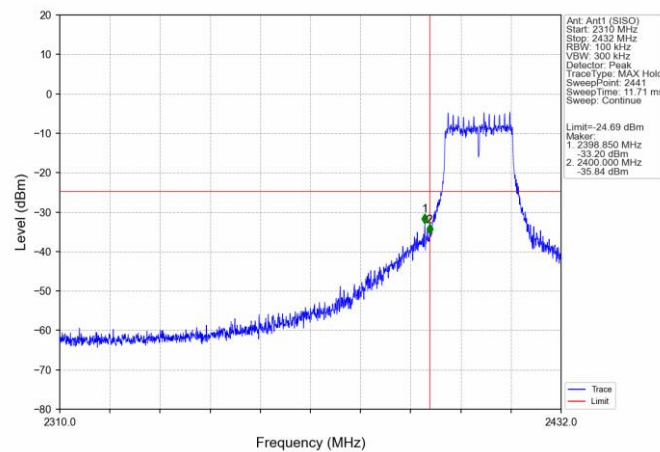
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

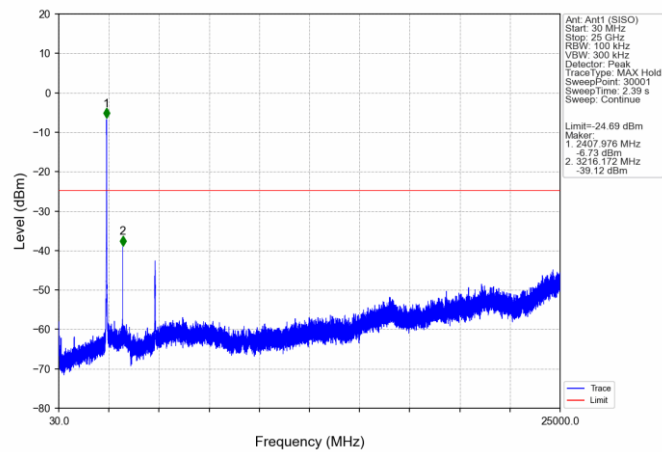


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

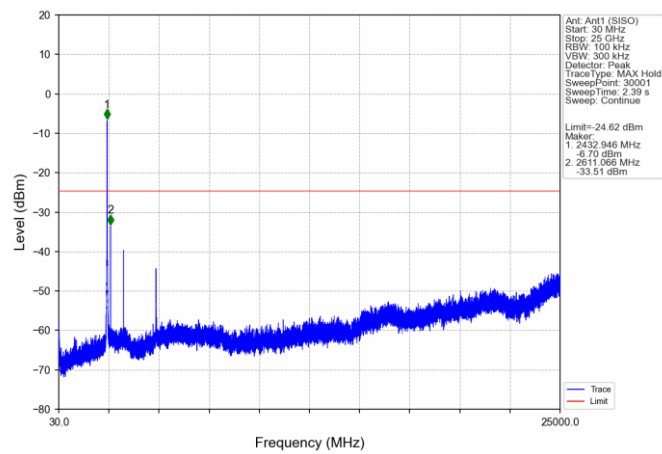




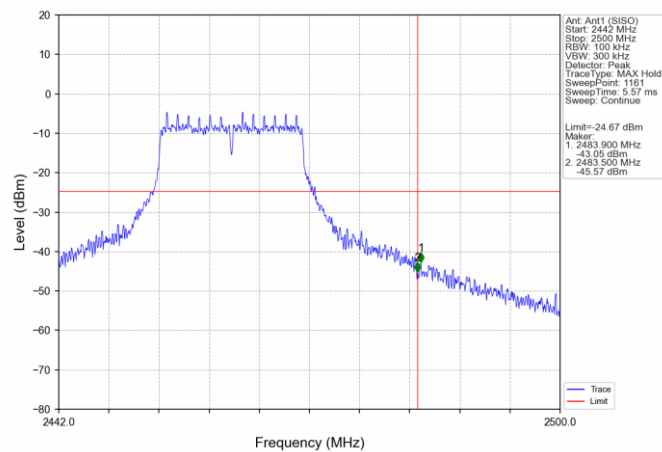
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

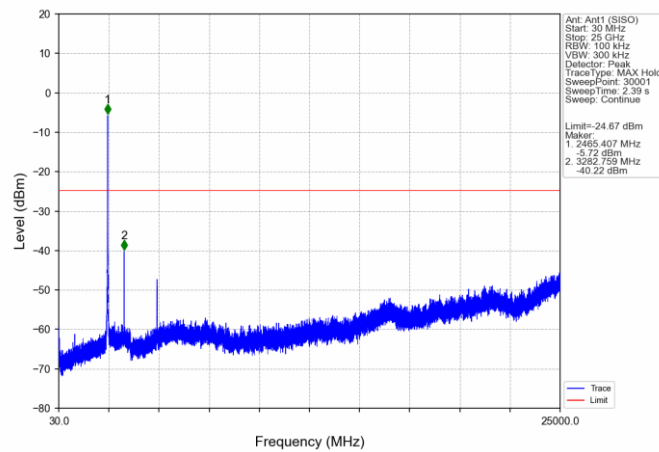


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

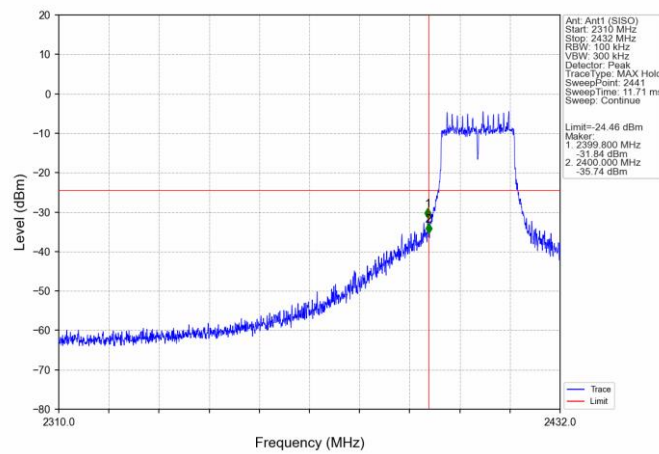




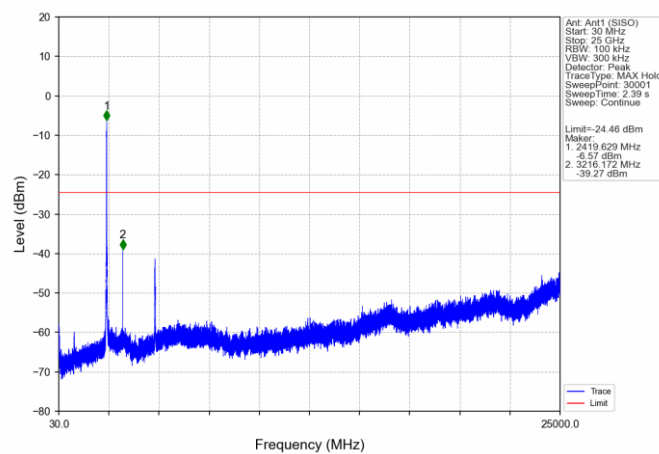
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

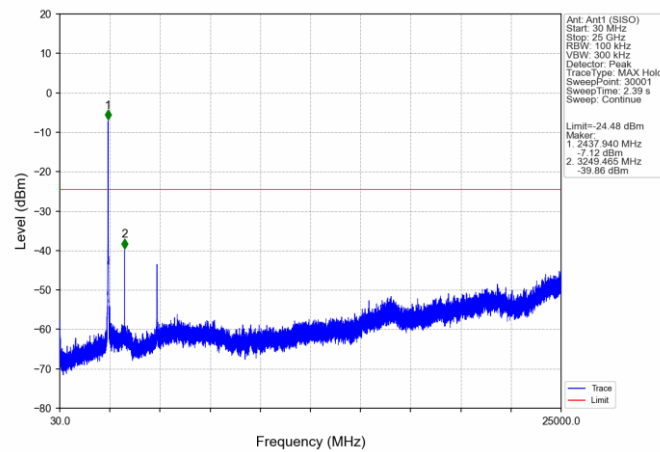


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

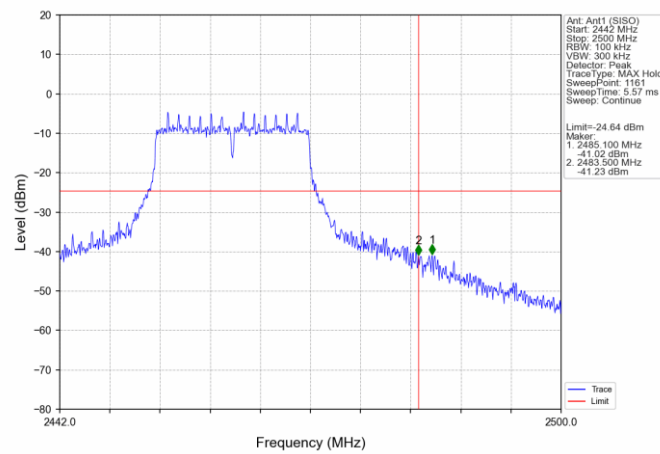




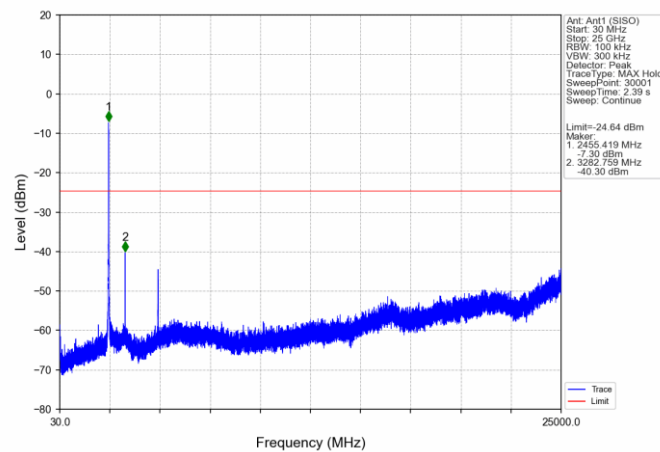
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

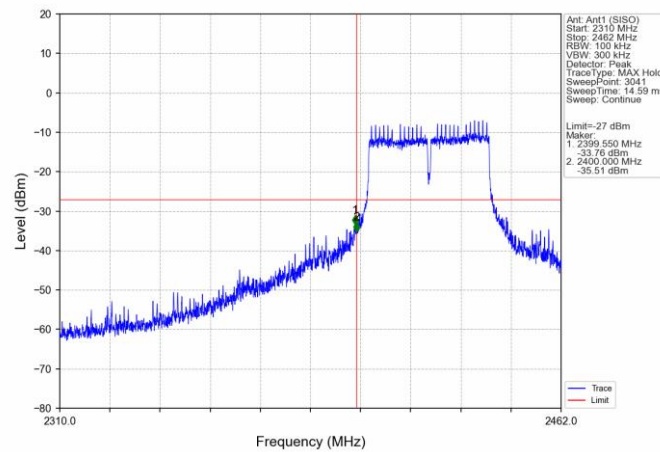


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

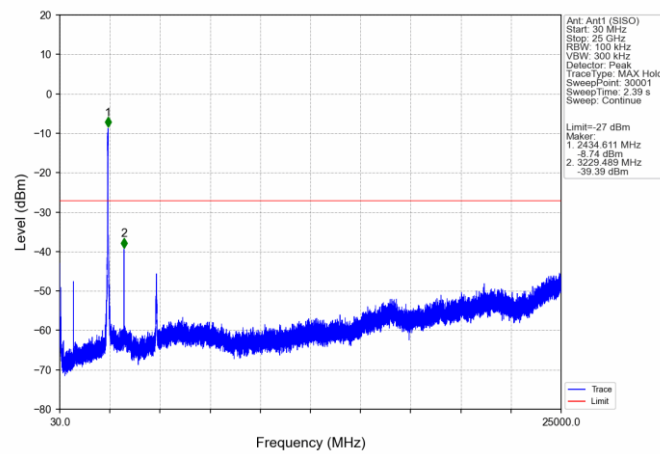




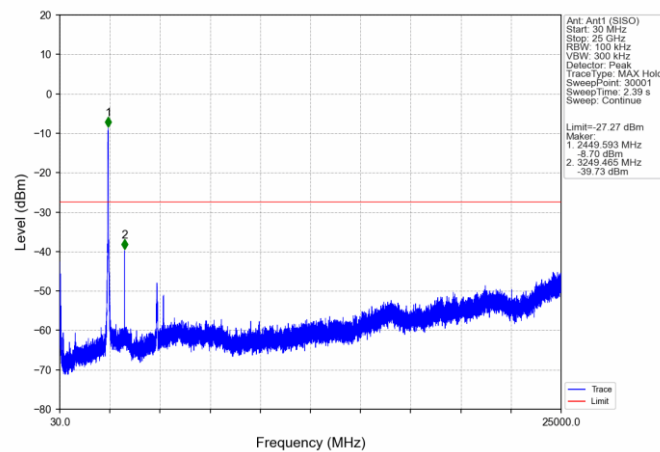
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

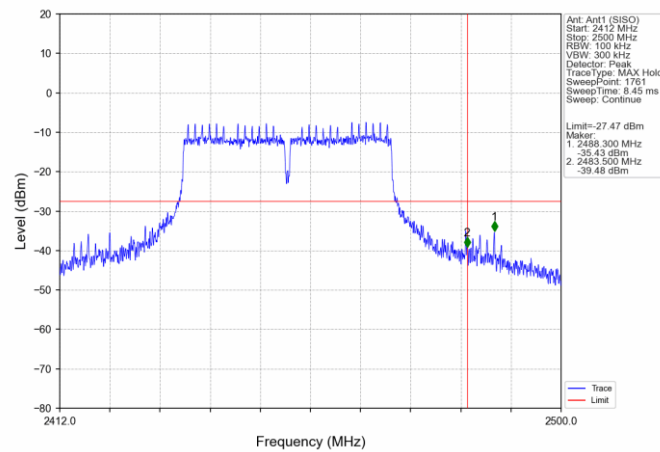


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

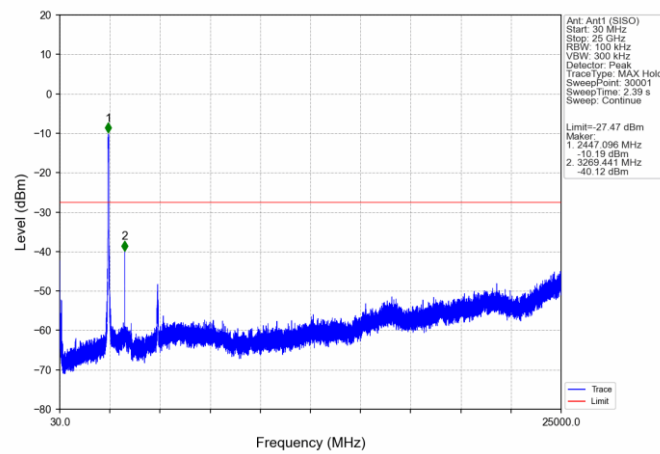




802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV





APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID.

※※※※※END OF THE REPORT※※※※※