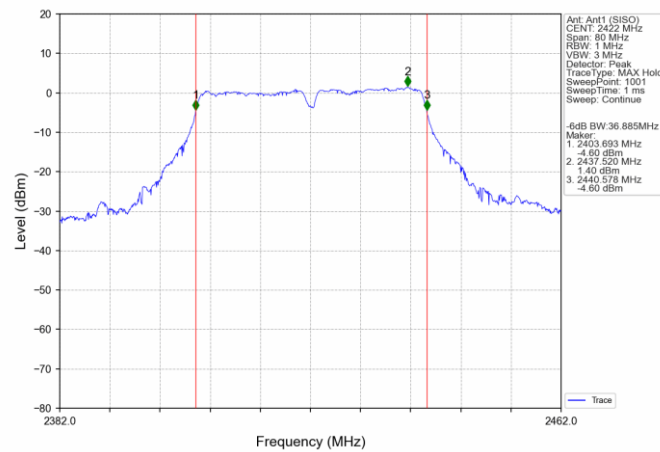
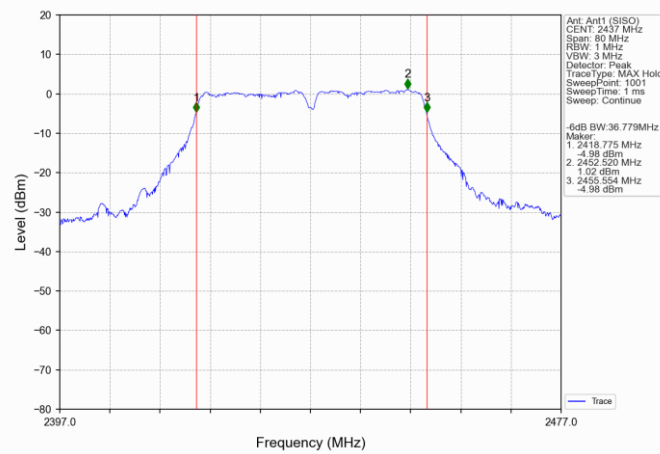




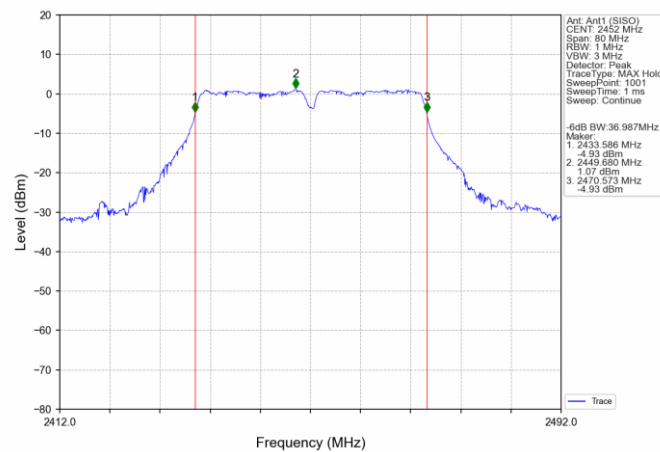
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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	16.18	<=30	Pass
		2437	16.22	<=30	Pass
		2462	15.99	<=30	Pass
802.11g	SISO	2412	14.71	<=30	Pass
		2437	15.46	<=30	Pass
		2462	15.61	<=30	Pass
802.11n (HT20)	SISO	2412	15.02	<=30	Pass
		2437	15.60	<=30	Pass
		2462	15.66	<=30	Pass
802.11n (HT40)	SISO	2422	15.42	<=30	Pass
		2437	15.29	<=30	Pass
		2452	15.53	<=30	Pass
Note1: Antenna Gain: Ant1: 2.19dBi;					



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

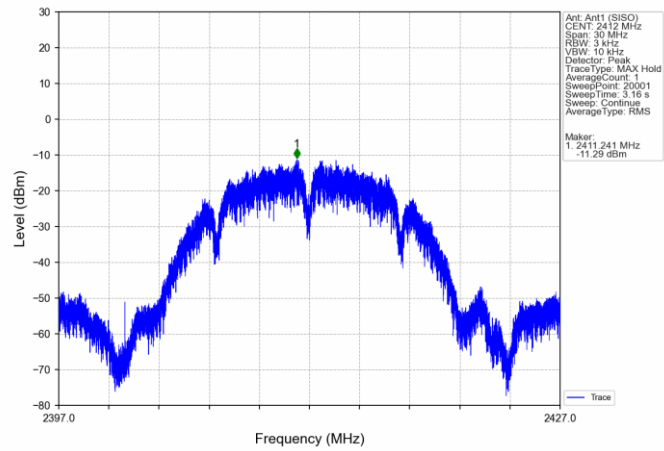
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm)		Verdict
			ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	-11.29dBm/3kHz	<=8	Pass
		2437	-10.87dBm/3kHz	<=8	Pass
		2462	-11.42dBm/3kHz	<=8	Pass
802.11g	SISO	2412	-18.83dBm/3kHz	<=8	Pass
		2437	-18.35dBm/3kHz	<=8	Pass
		2462	-18.35dBm/3kHz	<=8	Pass
802.11n (HT20)	SISO	2412	-18.67dBm/3kHz	<=8	Pass
		2437	-17.91dBm/3kHz	<=8	Pass
		2462	-18.17dBm/3kHz	<=8	Pass
802.11n (HT40)	SISO	2422	-19.73dBm/3kHz	<=8	Pass
		2437	-21.46dBm/3kHz	<=8	Pass
		2452	-20.42dBm/3kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 2.19dBi:					



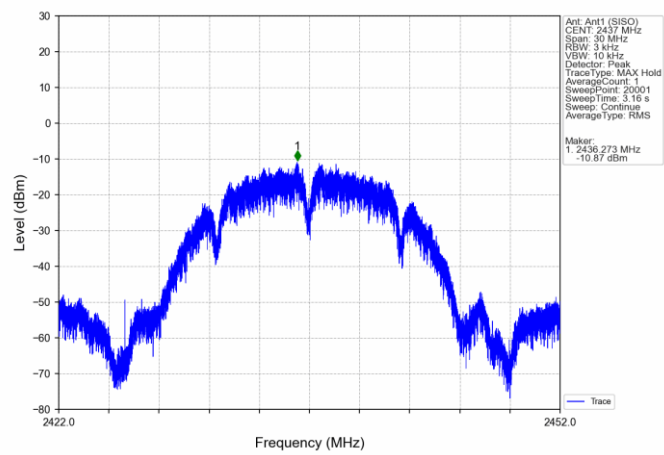
4.2 Test Graph

4.2.1 PSD

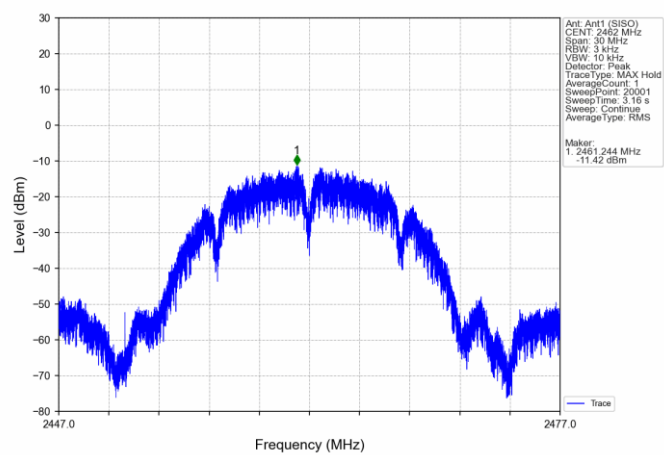
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

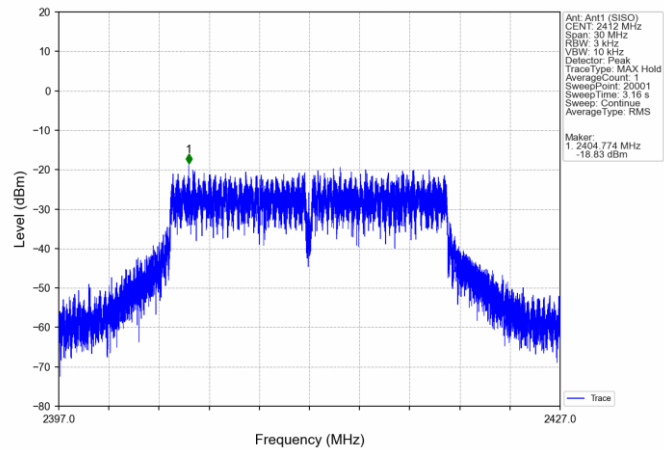


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

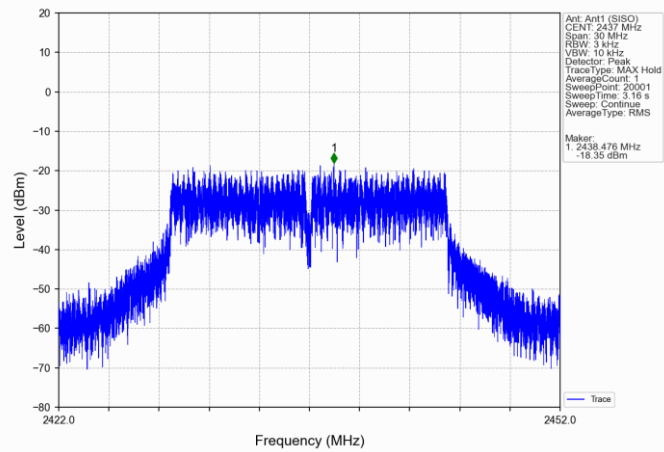




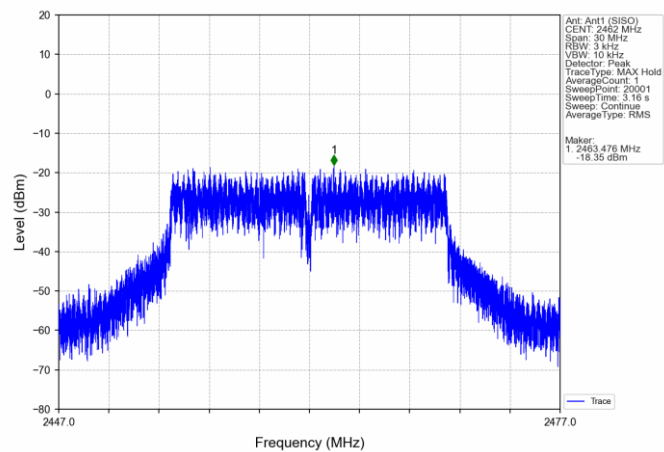
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

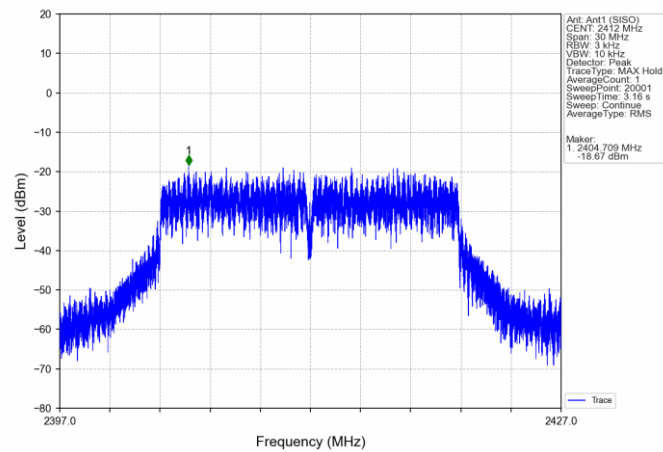


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

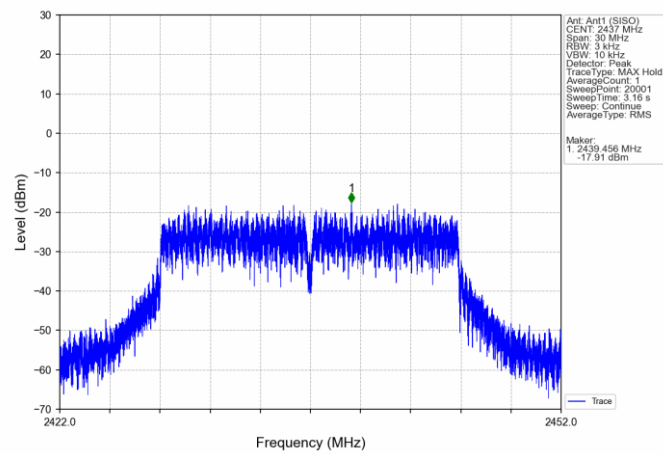




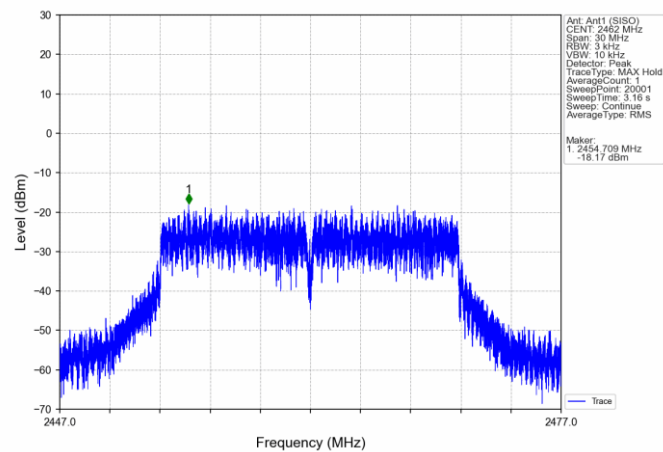
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

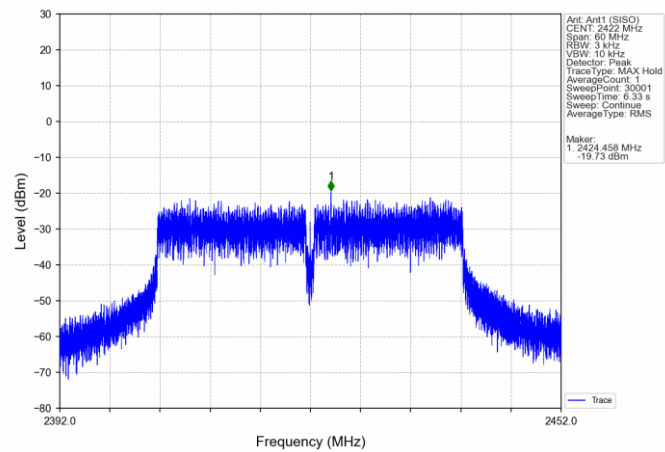


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

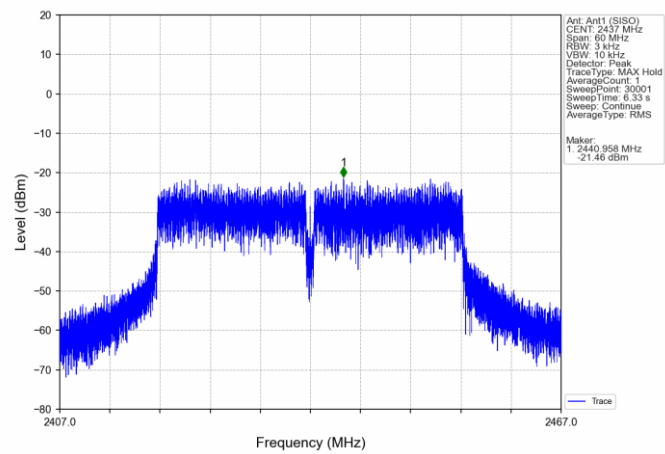




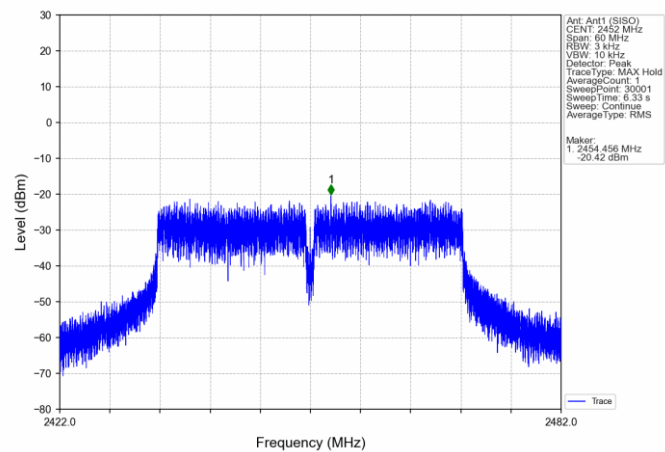
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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	3.69
		2437	1	4.01
		2462	1	3.57
802.11g	SISO	2412	1	-4.30
		2437	1	-3.41
		2462	1	-3.43
802.11n (HT20)	SISO	2412	1	-4.14
		2437	1	-3.47
		2462	1	-3.45
802.11n (HT40)	SISO	2422	1	-5.92
		2437	1	-6.26
		2452	1	-6.18

5.1.2 CSE

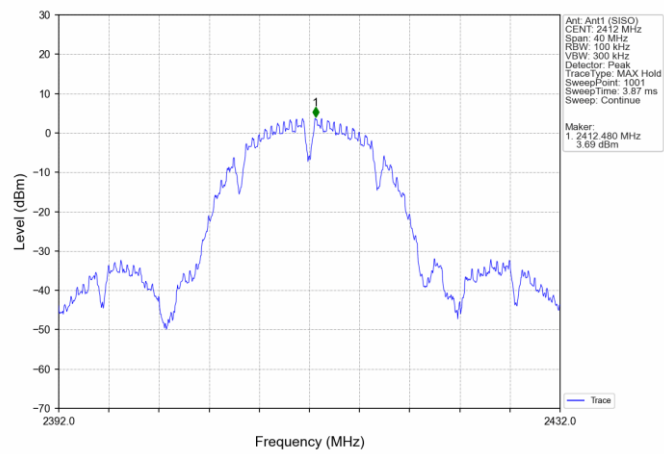
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.69	-16.31	Pass
		2437	1	4.01	-15.99	Pass
		2462	1	3.57	-16.43	Pass
802.11g	SISO	2412	1	-4.30	-24.30	Pass
		2437	1	-3.41	-23.41	Pass
		2462	1	-3.43	-23.43	Pass
802.11n (HT20)	SISO	2412	1	-4.14	-24.14	Pass
		2437	1	-3.47	-23.47	Pass
		2462	1	-3.45	-23.45	Pass
802.11n (HT40)	SISO	2422	1	-5.92	-25.92	Pass
		2437	1	-6.26	-26.26	Pass
		2452	1	-6.18	-26.18	Pass



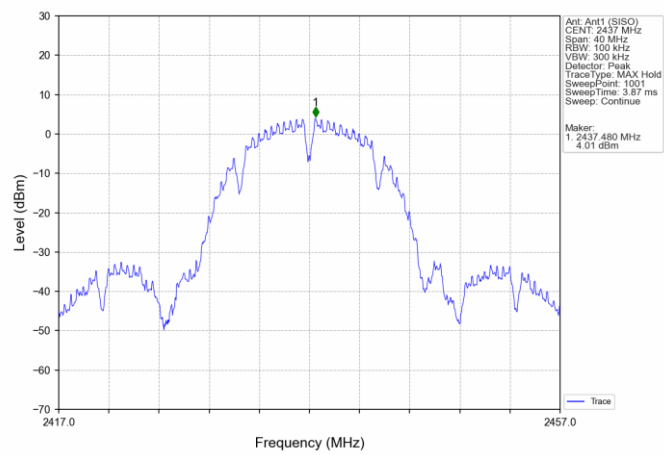
5.2 Test Graph

5.2.1 Ref

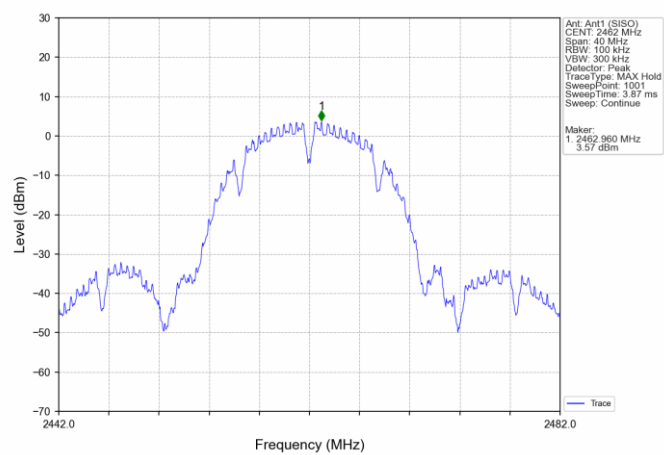
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

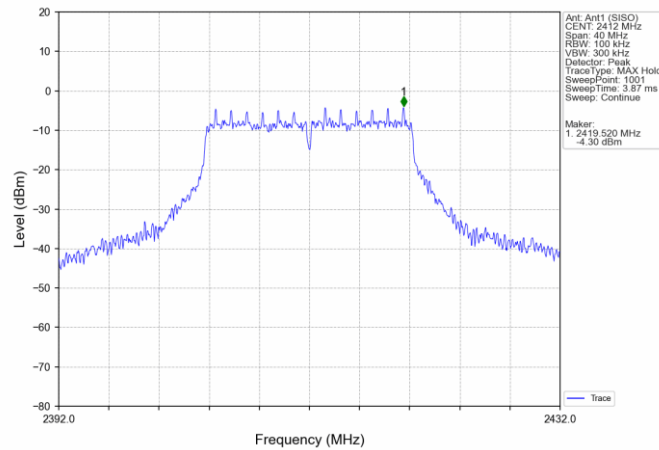


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

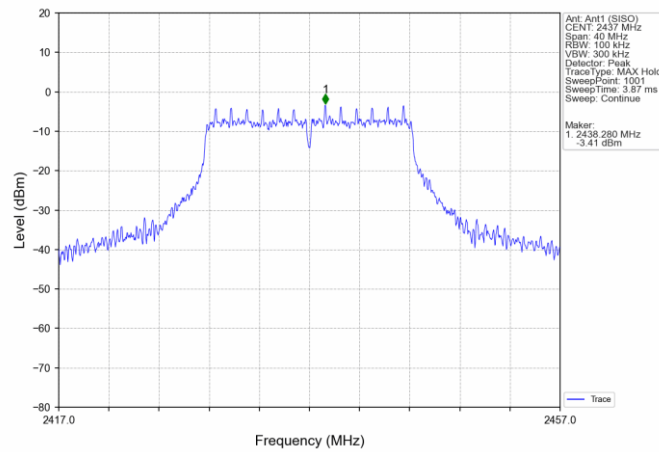




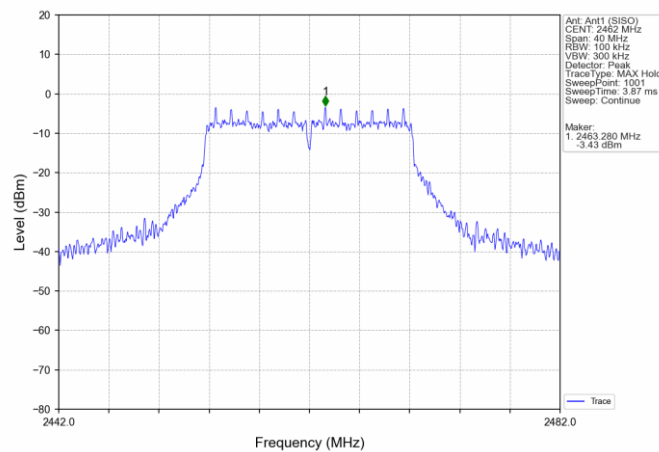
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

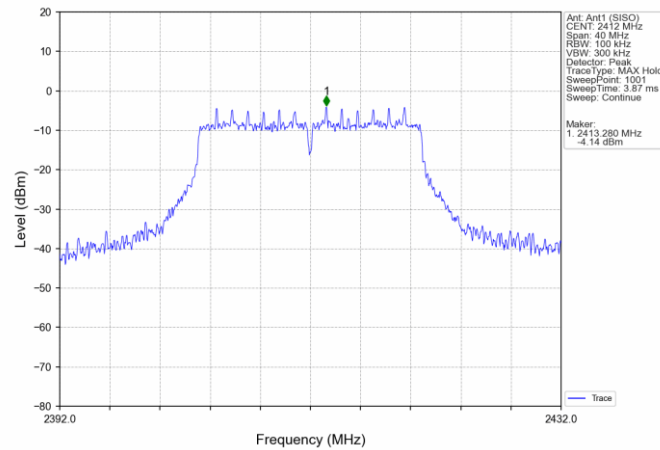


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

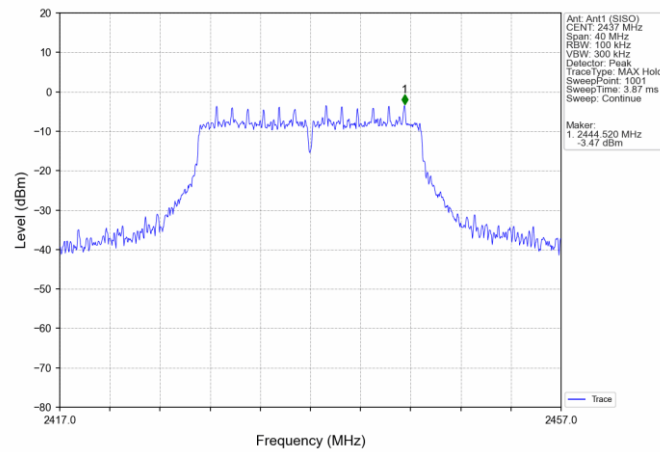




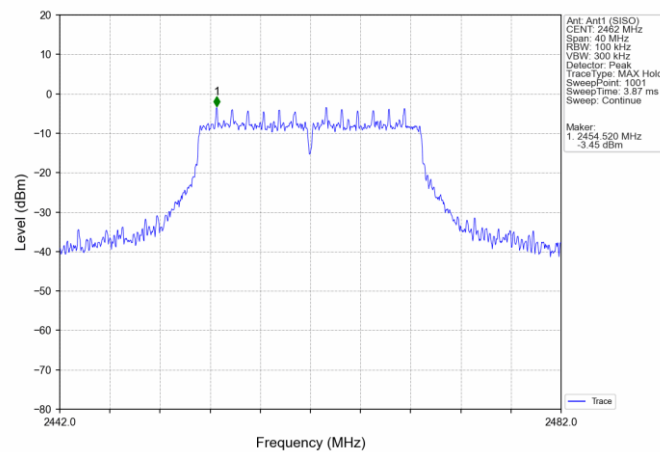
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

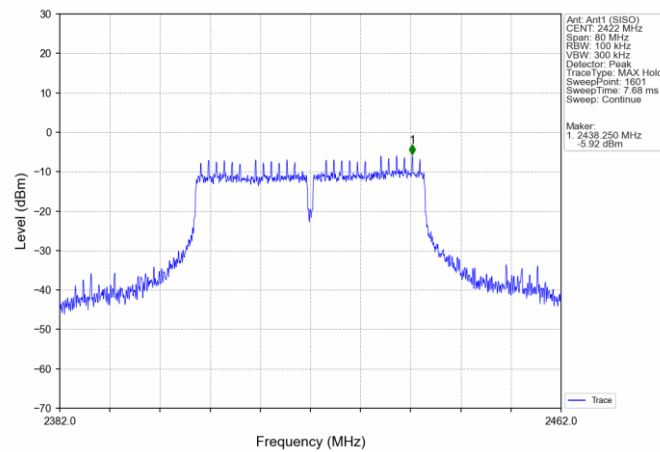


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

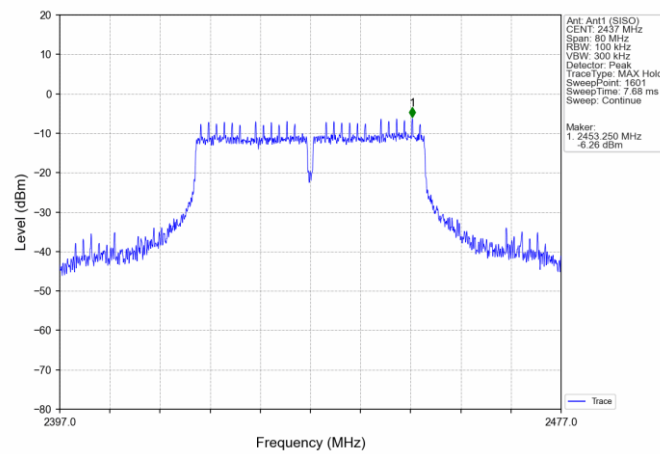




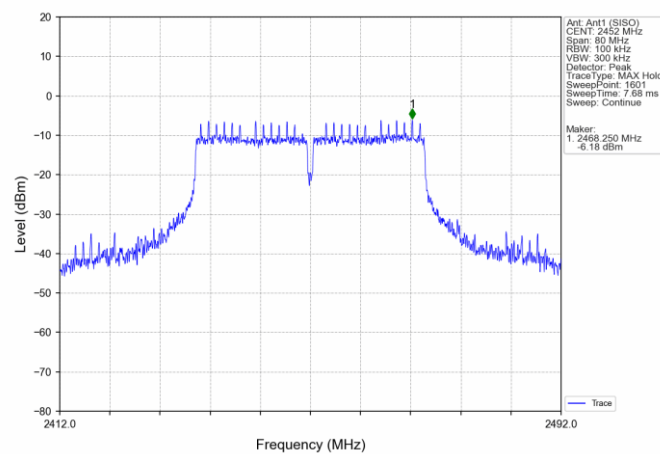
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



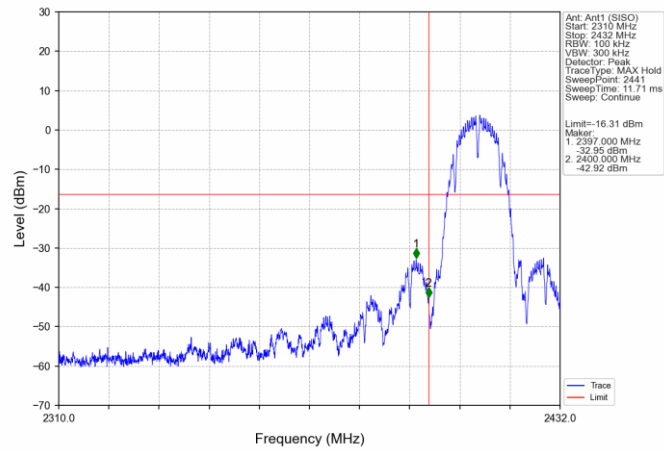
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



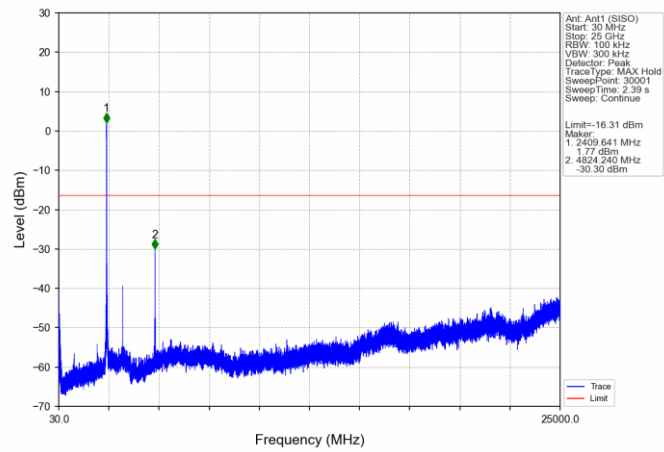


5.2.2 CSE

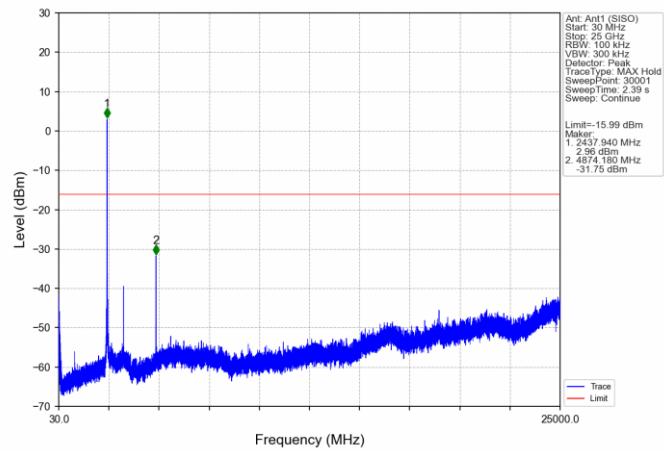
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

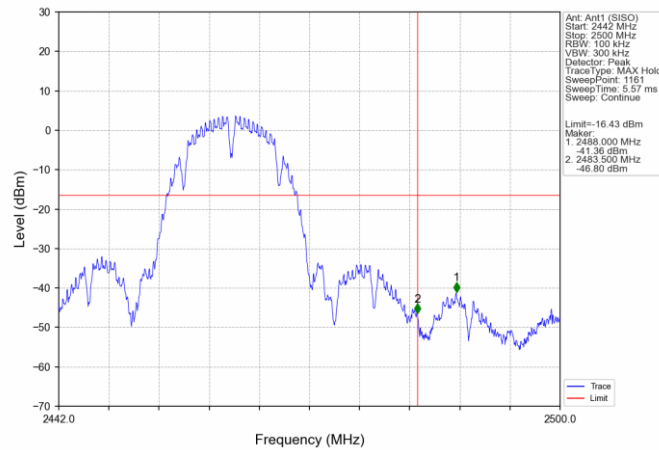


802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

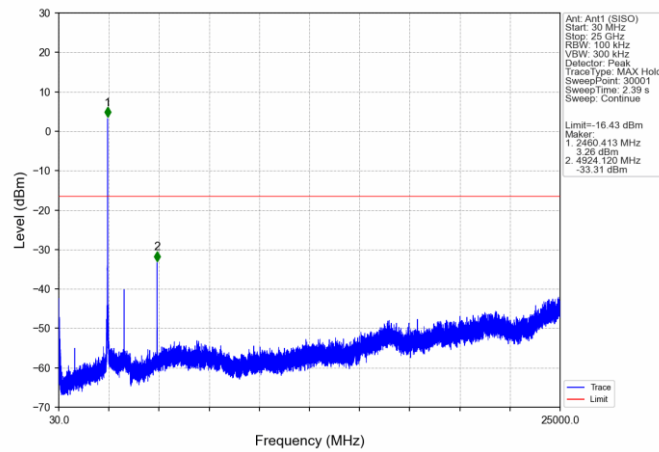




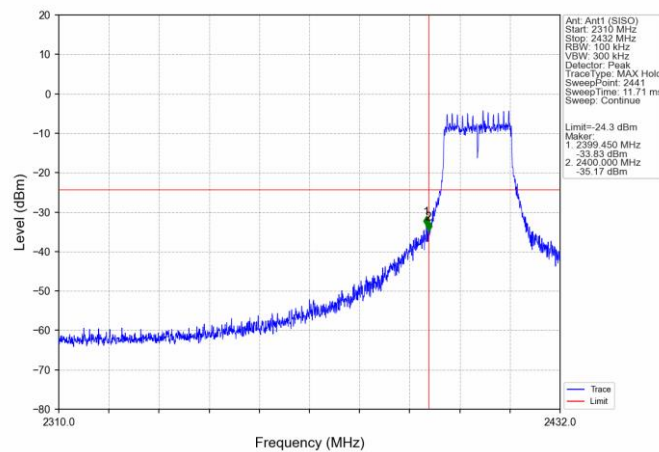
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

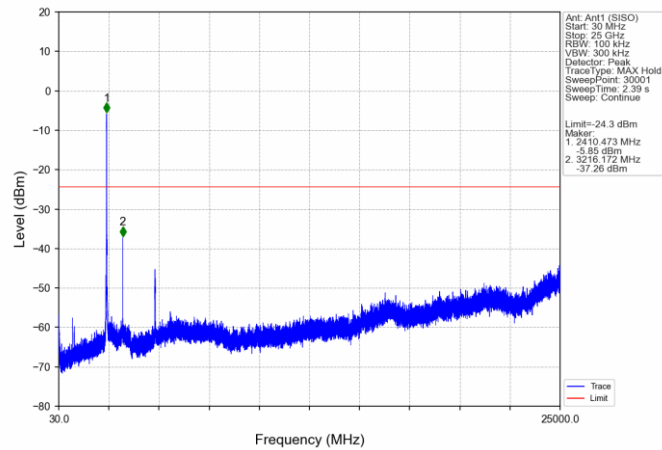


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

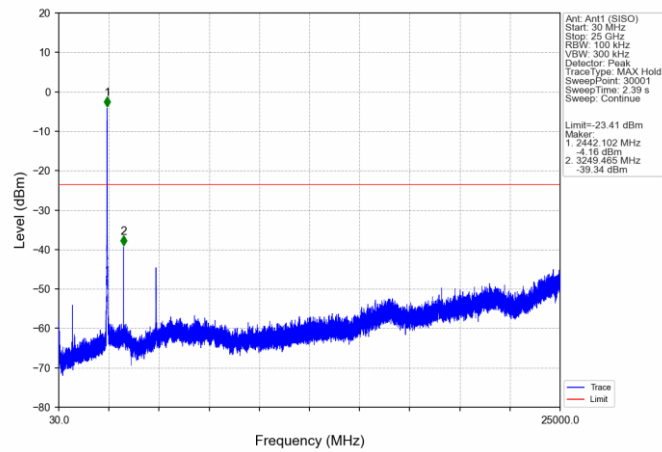




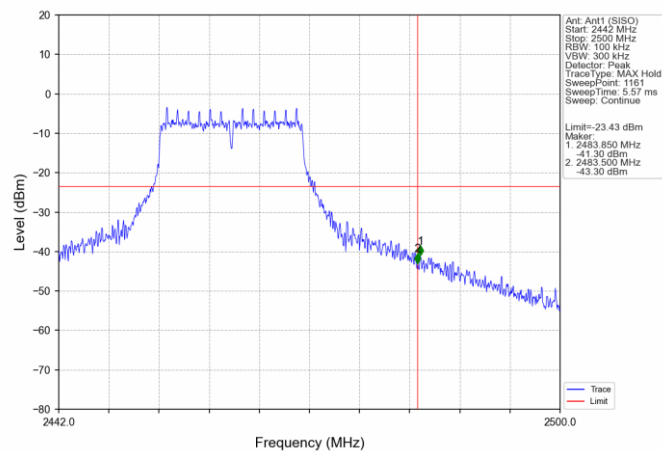
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

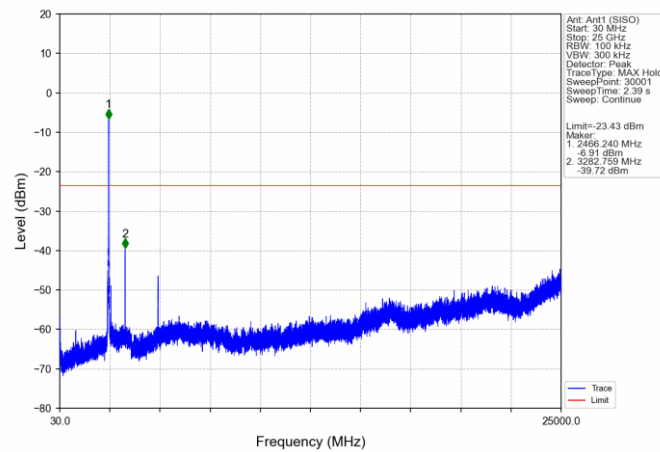


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

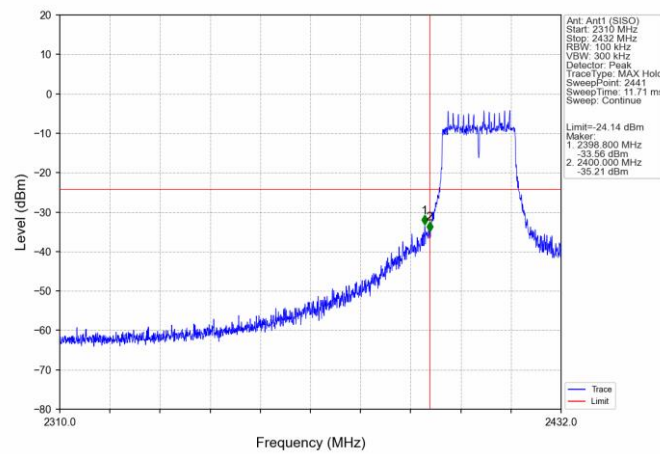




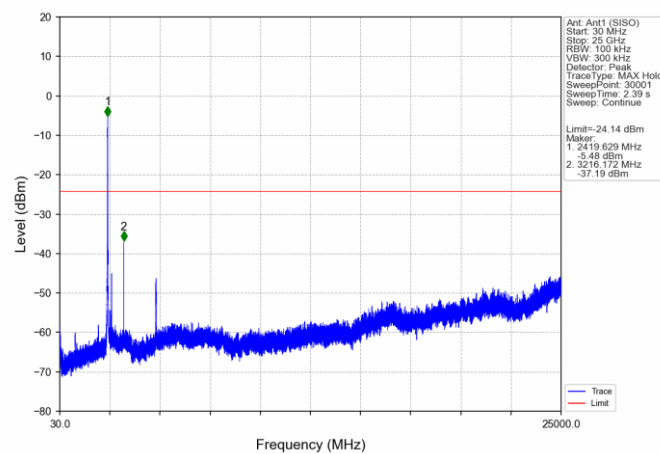
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

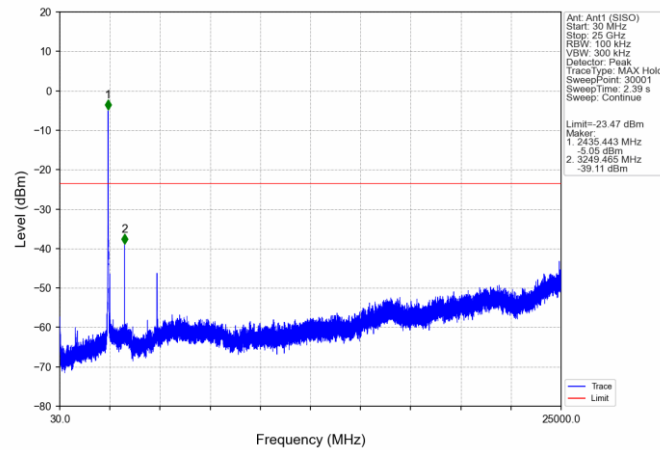


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

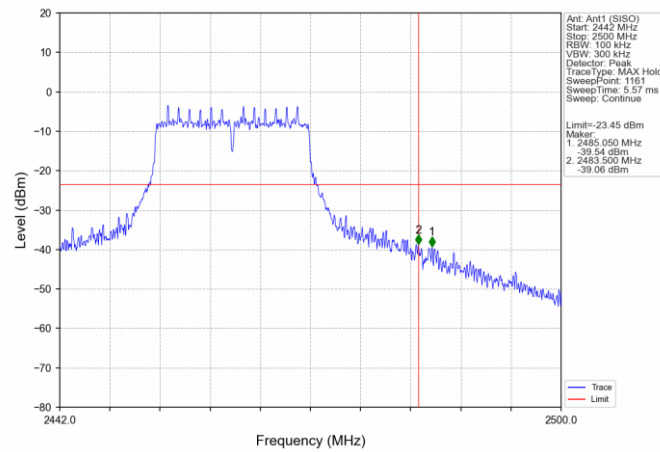




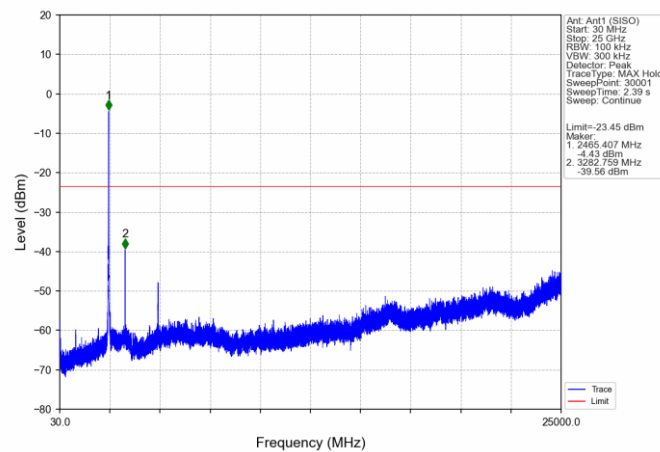
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

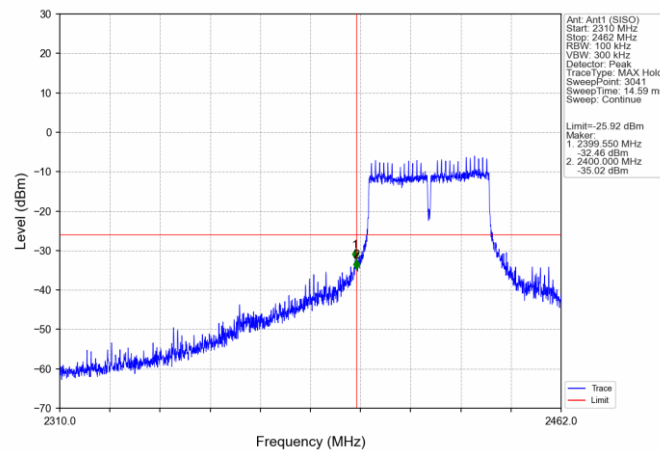


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

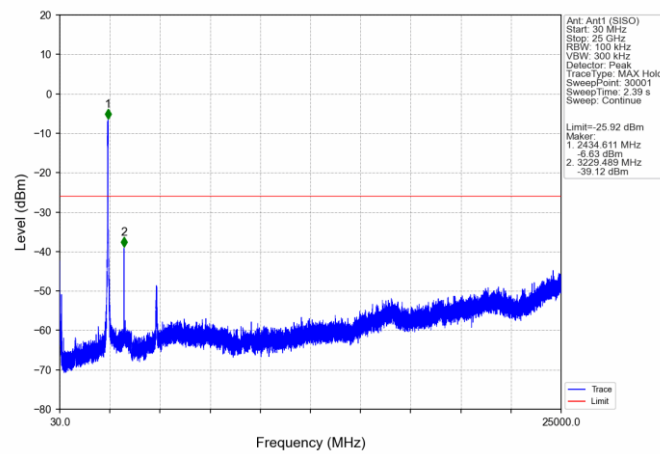




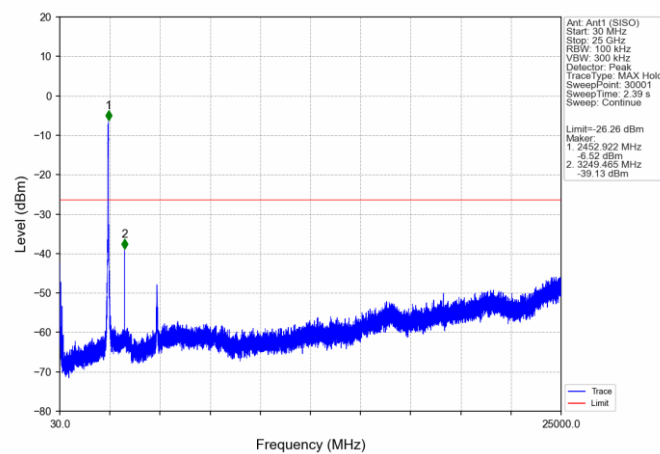
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

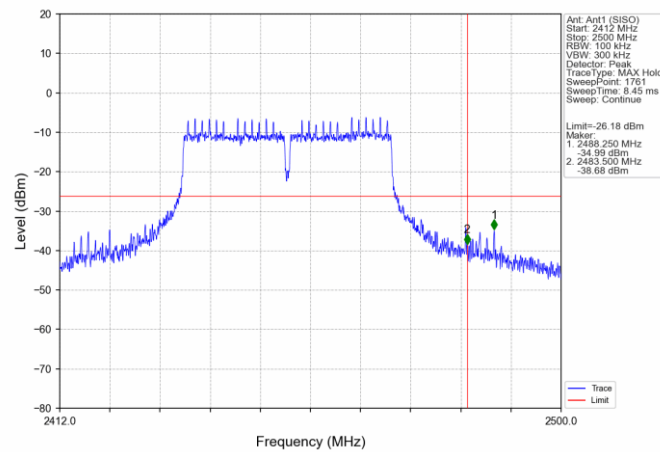


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

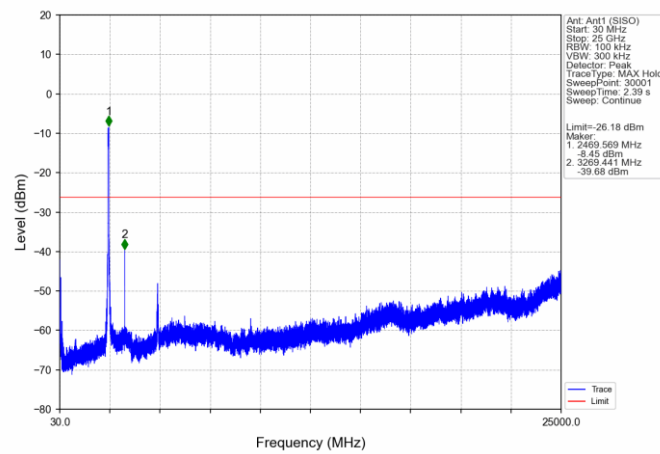




802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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※※※※※