



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

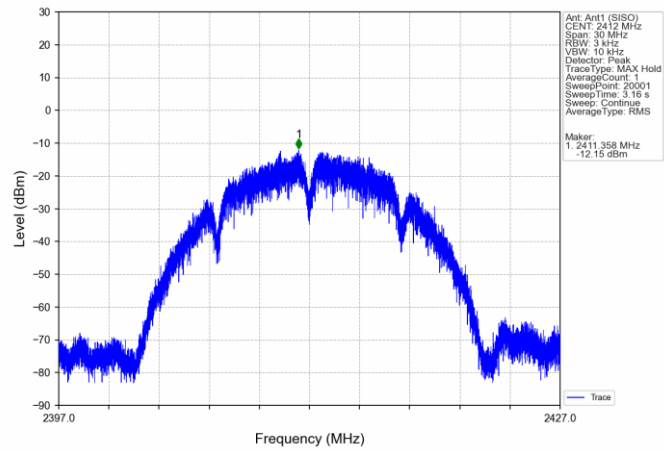
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm)		Verdict
					ANT1	Limit(dBm/3kHz)	
802.11b	SISO	2412	/	/	-12.15dBm/3kHz	<=8	Pass
		2437	/	/	-7.66dBm/3kHz	<=8	Pass
		2462	/	/	-8.03dBm/3kHz	<=8	Pass
802.11g	SISO	2412	/	/	-17.83dBm/3kHz	<=8	Pass
		2437	/	/	-18.31dBm/3kHz	<=8	Pass
		2462	/	/	-15.91dBm/3kHz	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-16.14dBm/3kHz	<=8	Pass
		2437	/	/	-17.11dBm/3kHz	<=8	Pass
		2462	/	/	-17.26dBm/3kHz	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-22.43dBm/3kHz	<=8	Pass
		2437	/	/	-21.40dBm/3kHz	<=8	Pass
		2452	/	/	-20.02dBm/3kHz	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-21.16dBm/3kHz	<=8	Pass
		2437	SU	/	-19.83dBm/3kHz	<=8	Pass
		2462	SU	/	-19.74dBm/3kHz	<=8	Pass
802.11ax (HEW40)	SISO	2422	SU	/	-21.76dBm/3kHz	<=8	Pass
		2437	SU	/	-22.69dBm/3kHz	<=8	Pass
		2452	SU	/	-22.60dBm/3kHz	<=8	Pass
Note1: Antenna Gain: Ant1: 0.60dBi;							



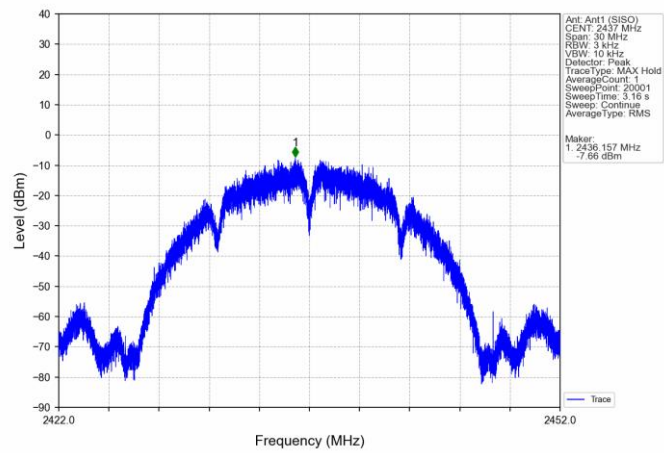
4.2 Test Graph

4.2.1 PSD

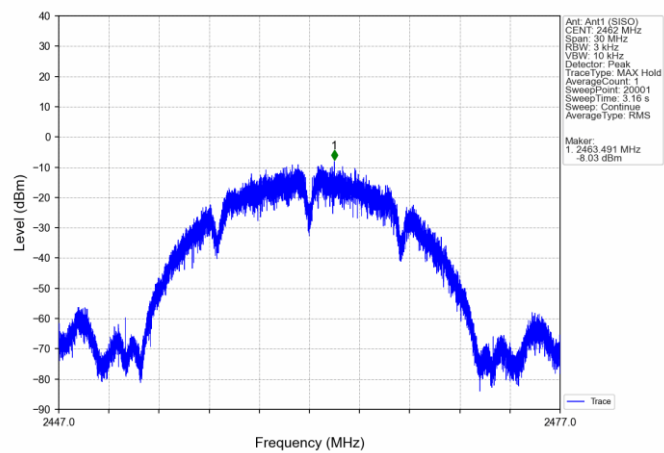
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

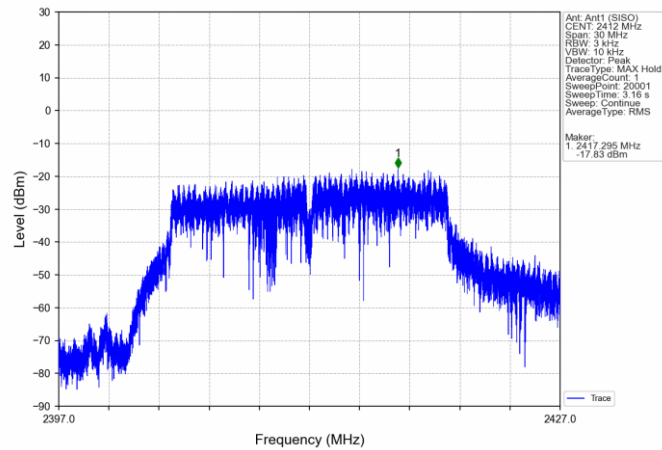


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

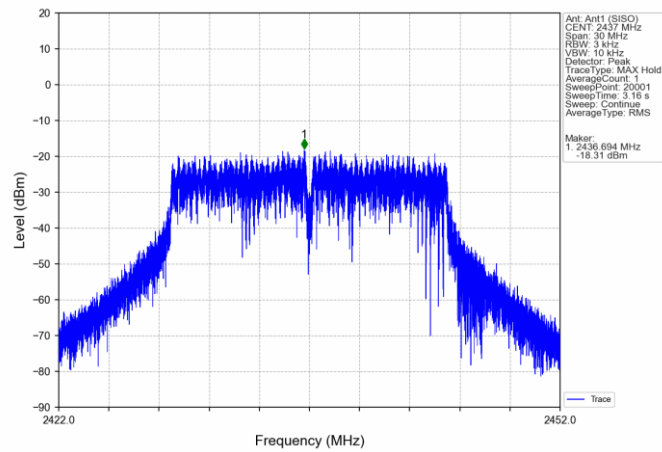




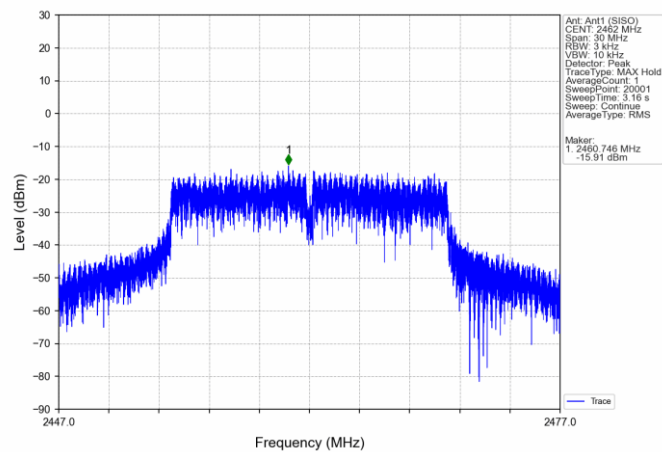
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

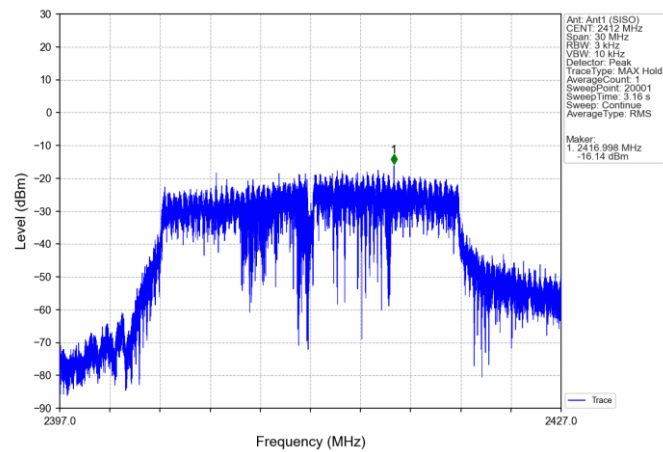


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

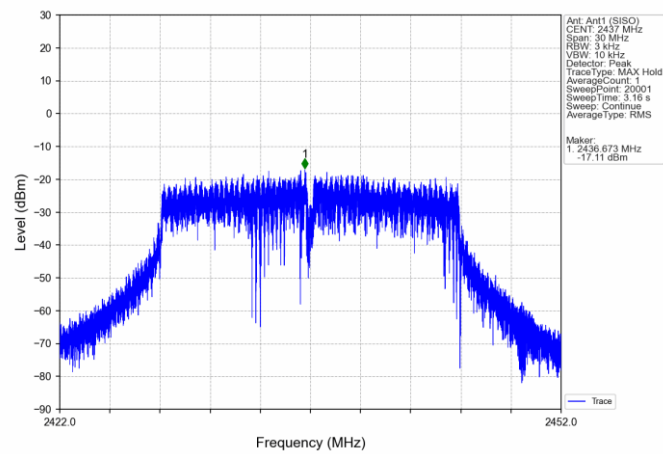




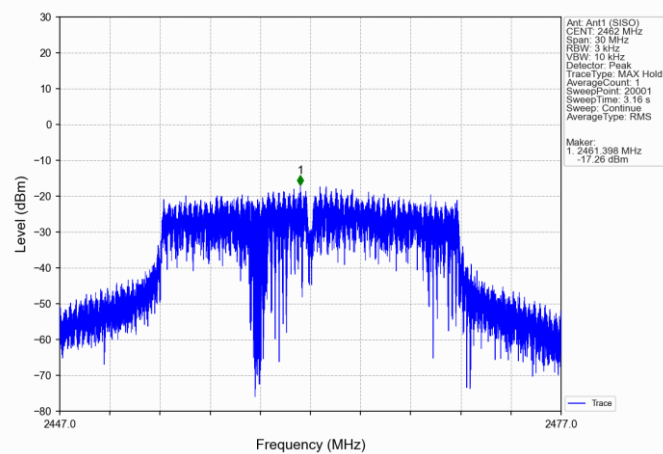
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

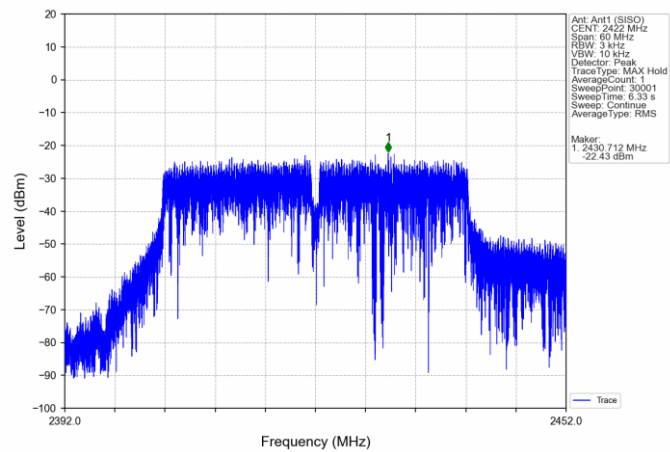


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

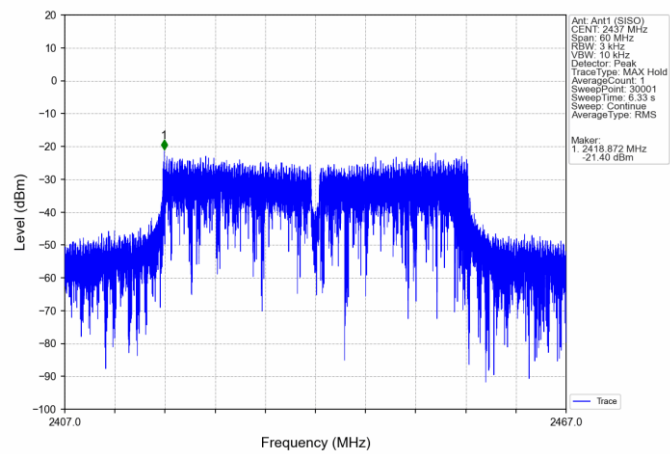




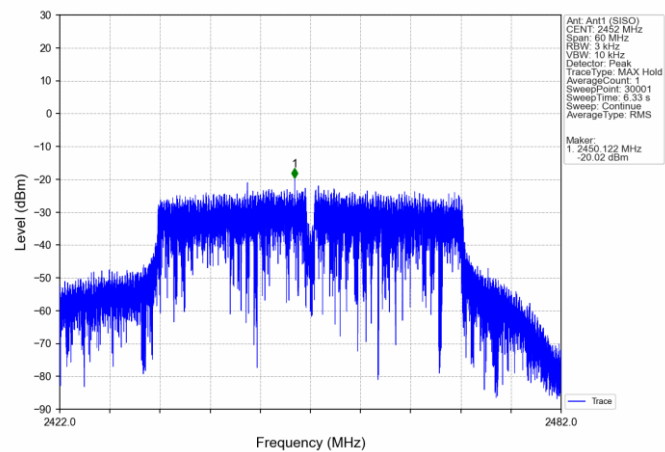
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

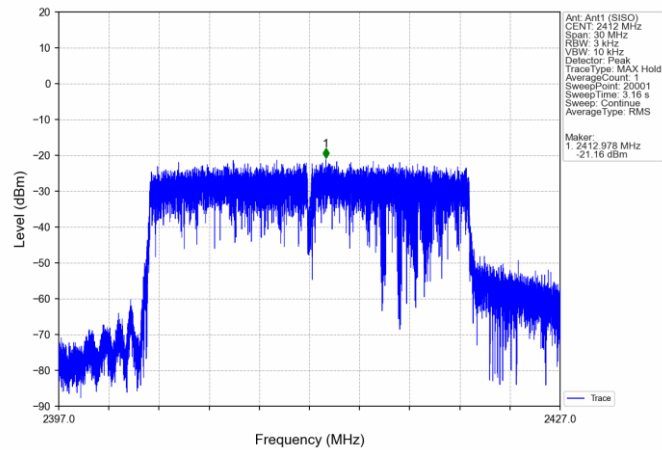


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

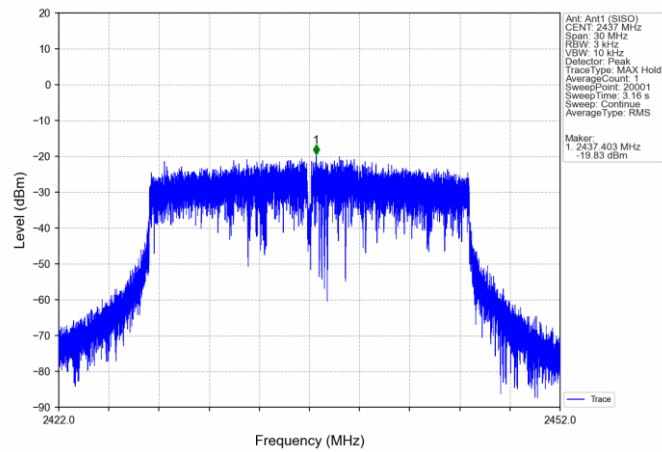




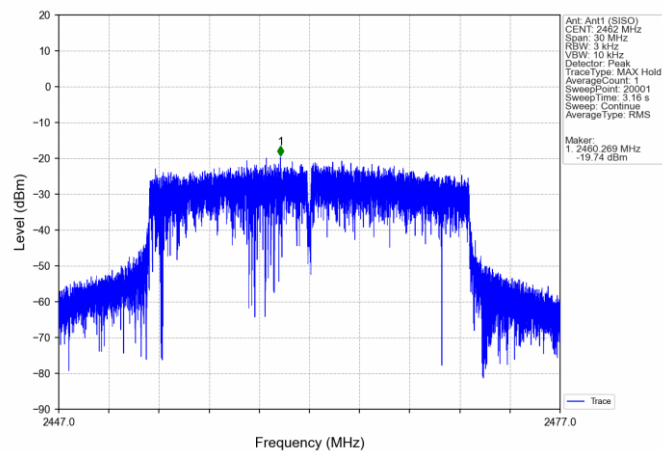
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV

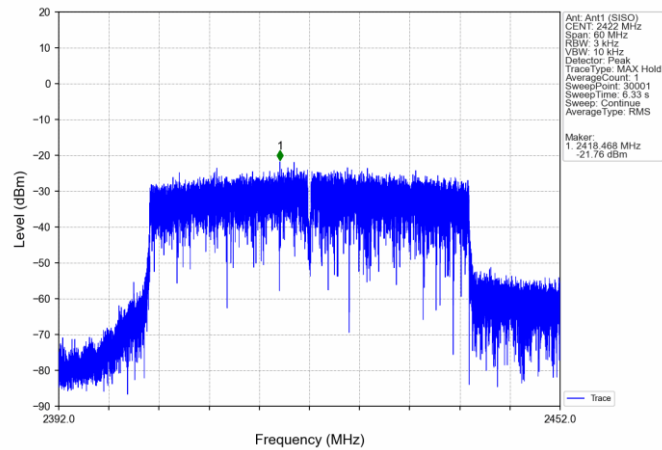


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

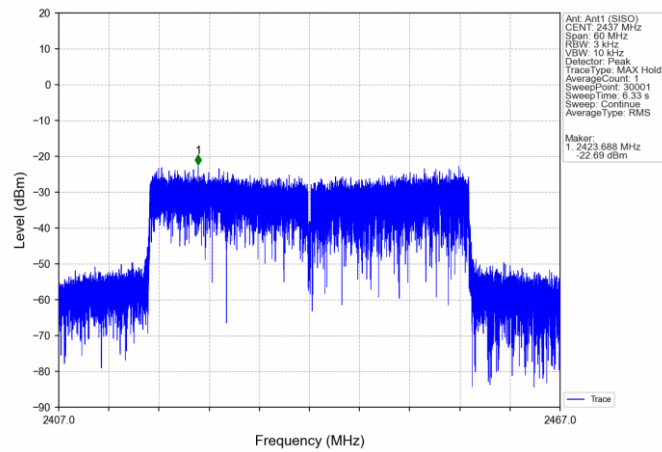




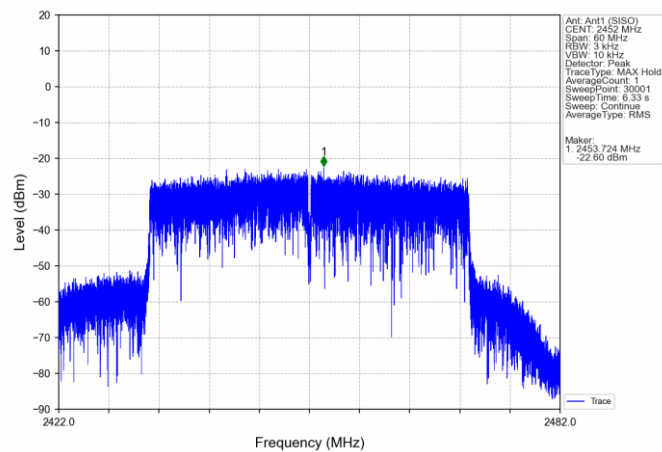
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV





5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Test Result

5.1.1 Ref

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)
802.11b	SISO	2412	/	/	1	3.60
		2437	/	/	1	6.89
		2462	/	/	1	5.83
802.11g	SISO	2412	/	/	1	-2.78
		2437	/	/	1	-3.50
		2462	/	/	1	-0.87
802.11n (HT20)	SISO	2412	/	/	1	-1.26
		2437	/	/	1	-1.63
		2462	/	/	1	-1.29
802.11n (HT40)	SISO	2422	/	/	1	-7.55
		2437	/	/	1	-7.08
		2452	/	/	1	-6.72
802.11ax (HEW20)	SISO	2412	SU	/	1	-4.08
		2437	SU	/	1	-4.21
		2462	SU	/	1	-3.43
802.11ax (HEW40)	SISO	2422	SU	/	1	-6.97
		2437	SU	/	1	-7.19
		2452	SU	/	1	-6.76

5.1.2 CSE

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	/	/	1	3.60	-16.40	Pass
		2437	/	/	1	6.89	-13.11	Pass
		2462	/	/	1	5.83	-14.17	Pass
802.11g	SISO	2412	/	/	1	-2.78	-22.78	Pass
		2437	/	/	1	-3.50	-23.50	Pass
		2462	/	/	1	-0.87	-20.87	Pass
802.11n (HT20)	SISO	2412	/	/	1	-1.26	-21.26	Pass
		2437	/	/	1	-1.63	-21.63	Pass
		2462	/	/	1	-1.29	-21.29	Pass
802.11n (HT40)	SISO	2422	/	/	1	-7.55	-27.55	Pass
		2437	/	/	1	-7.08	-27.08	Pass
		2452	/	/	1	-6.72	-26.72	Pass
802.11ax	SISO	2412	SU	/	1	-4.08	-24.08	Pass



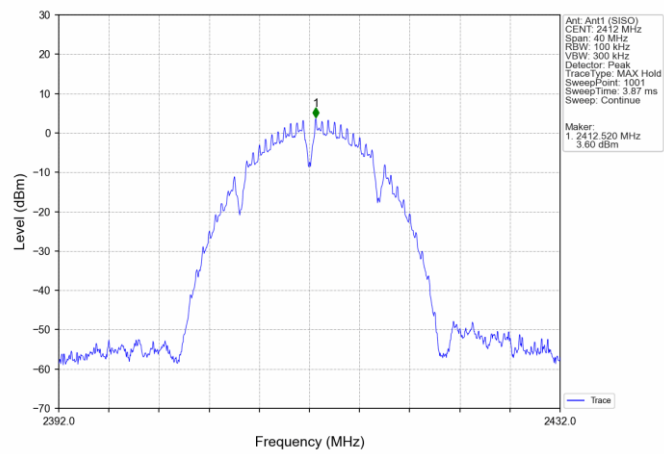
(HEW20)		2437	SU	/	1	-4.21	-24.21	Pass
		2462	SU	/	1	-3.43	-23.43	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	-6.97	-26.97	Pass
		2437	SU	/	1	-7.19	-27.19	Pass
		2452	SU	/	1	-6.76	-26.76	Pass



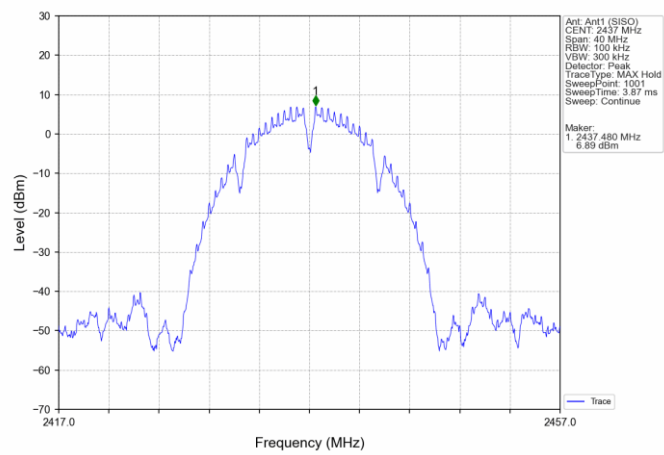
5.2 Test Graph

5.2.1 Ref

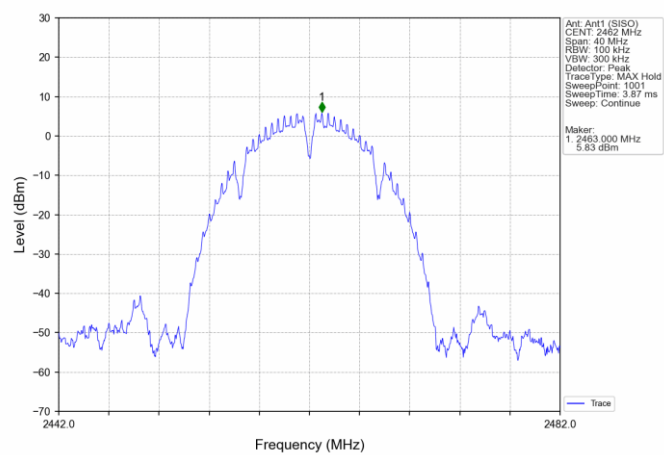
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

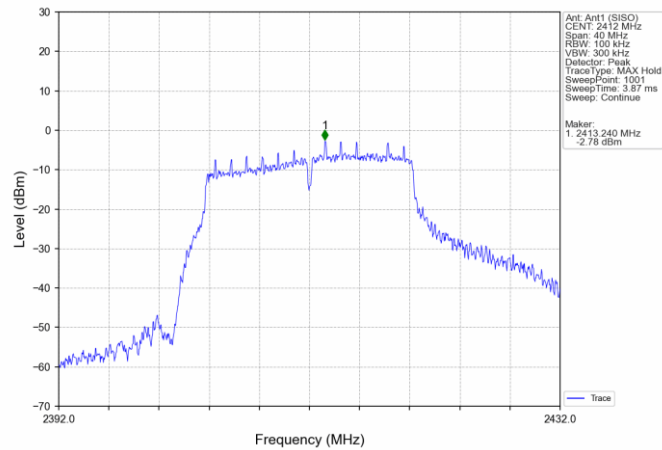


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

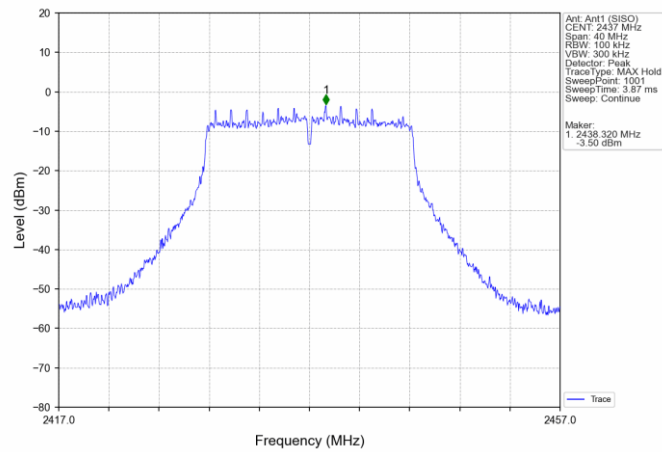




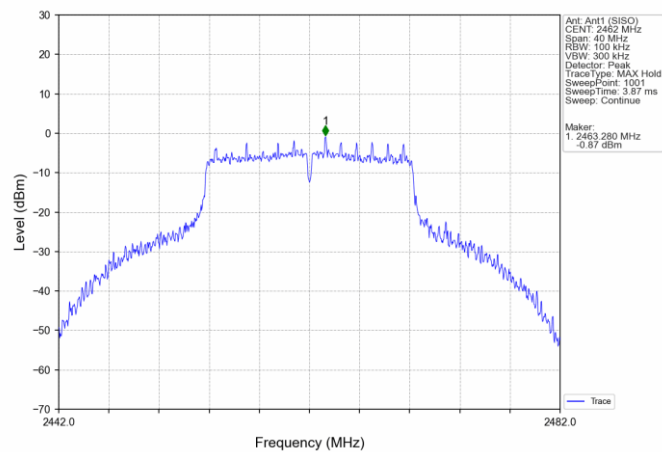
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

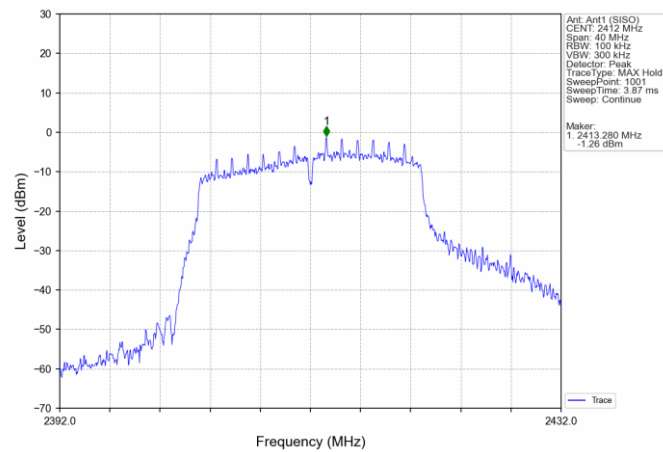


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

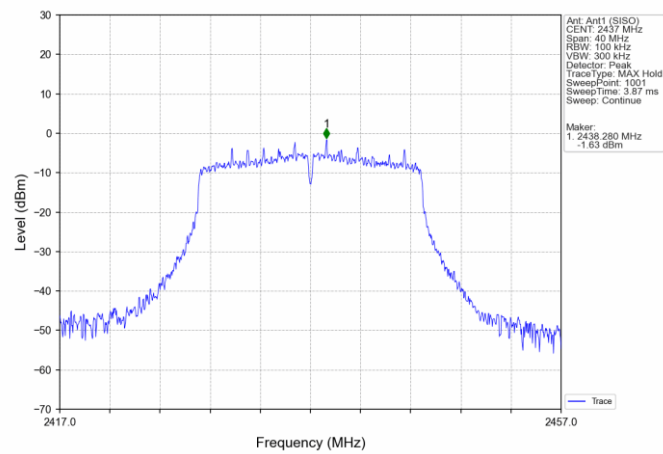




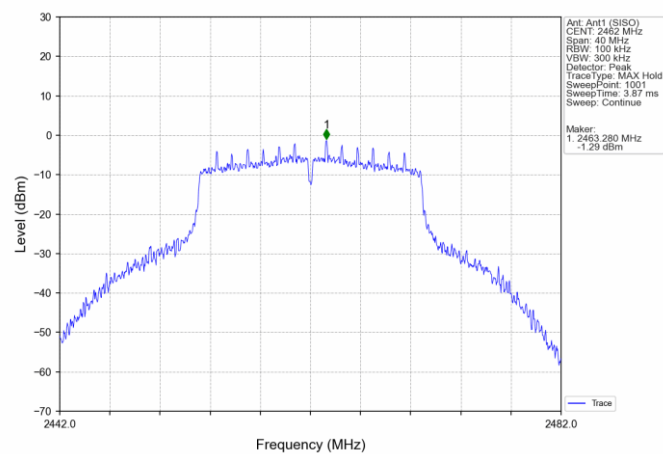
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

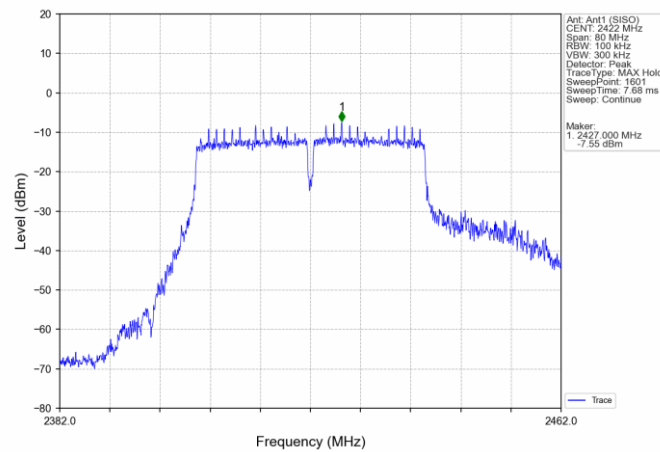


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

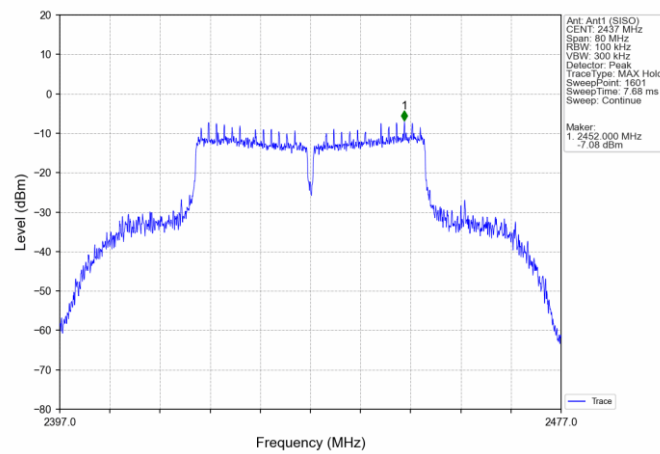




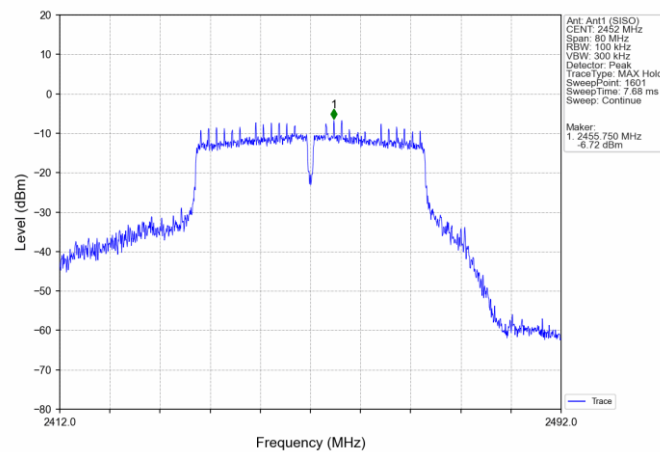
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

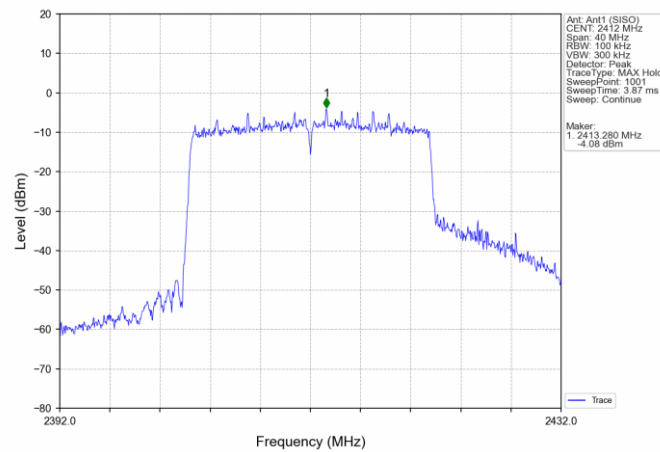


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

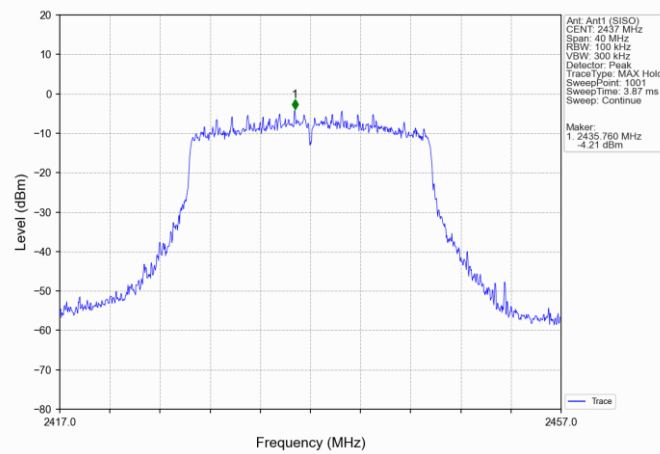




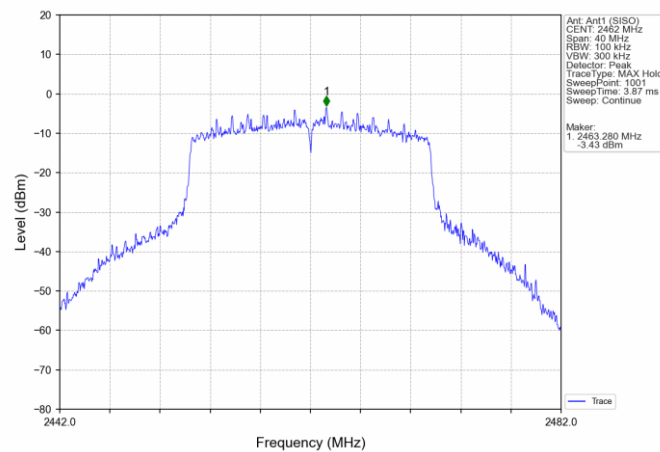
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV

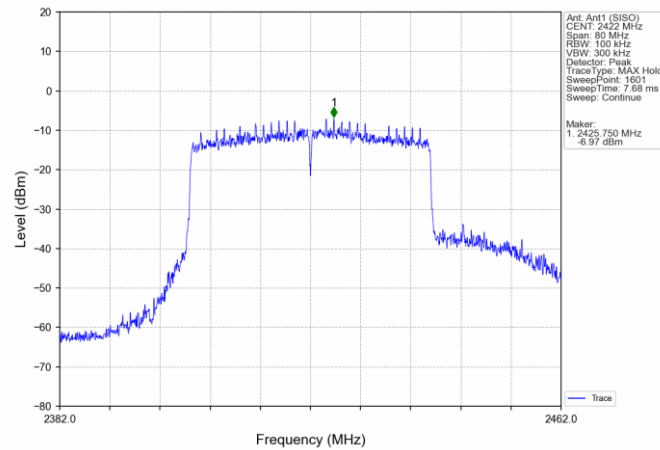


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

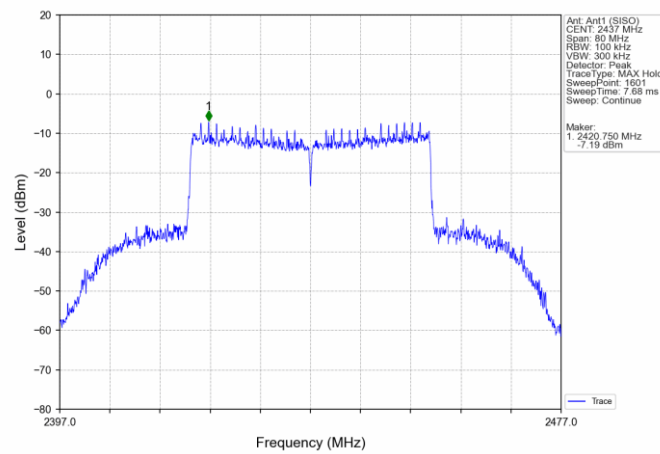




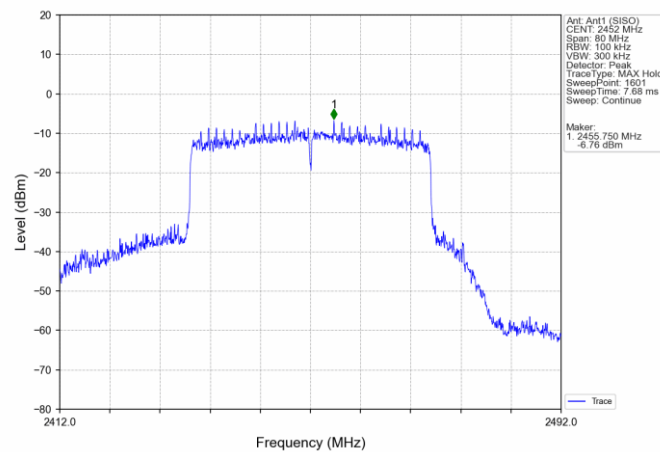
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW40)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



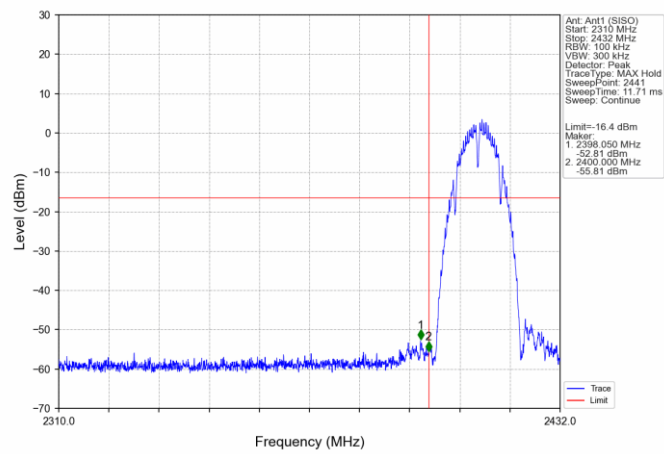
802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



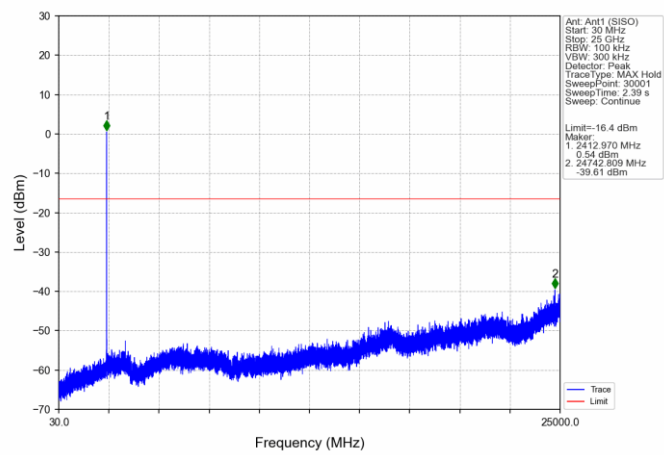


5.2.2 CSE

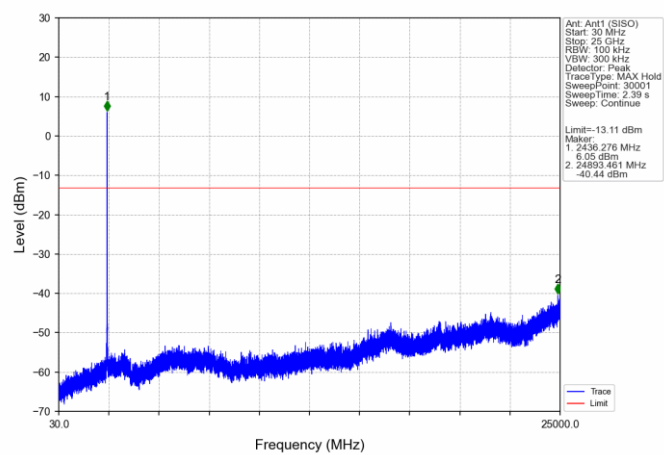
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

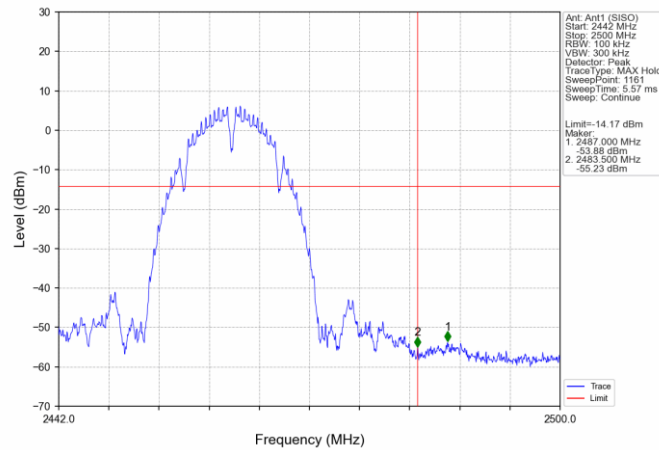


802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

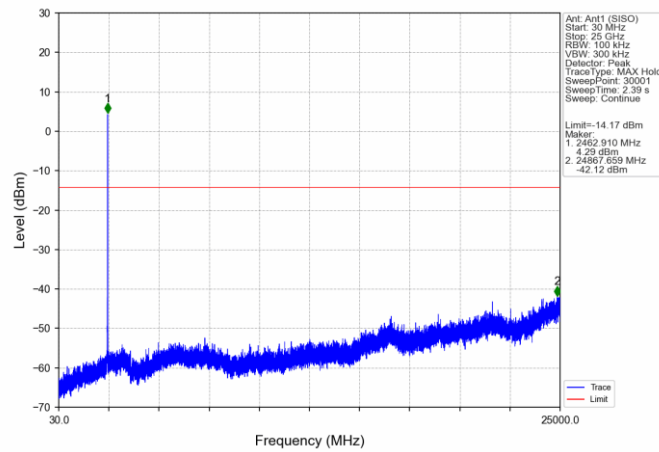




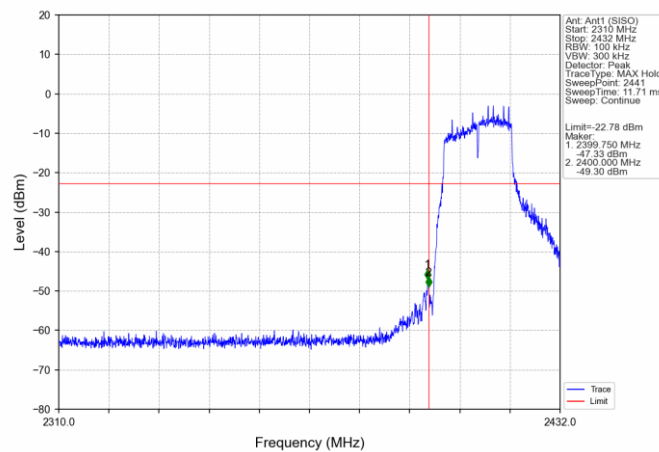
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

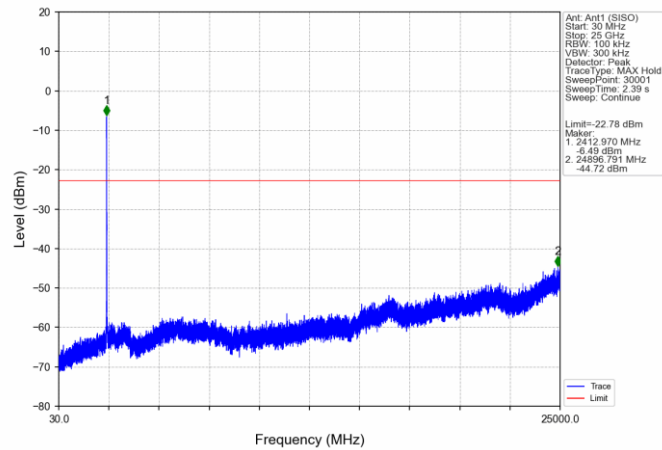


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

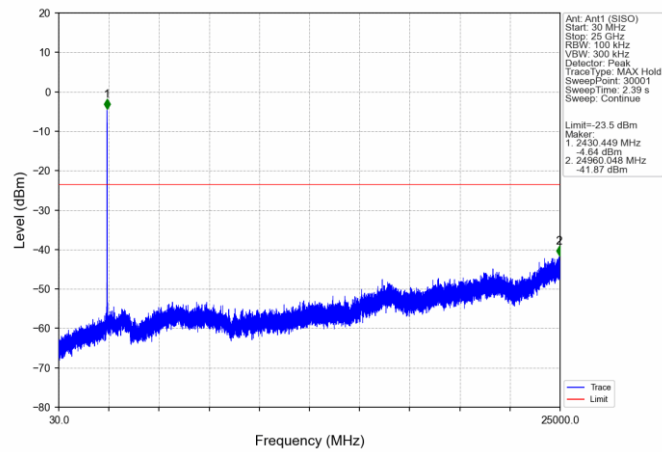




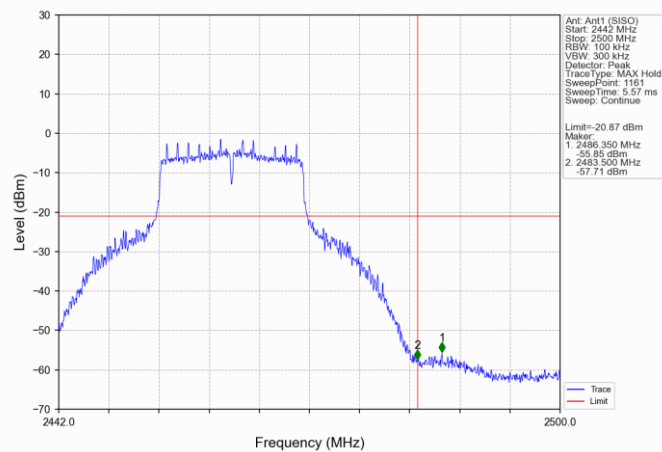
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

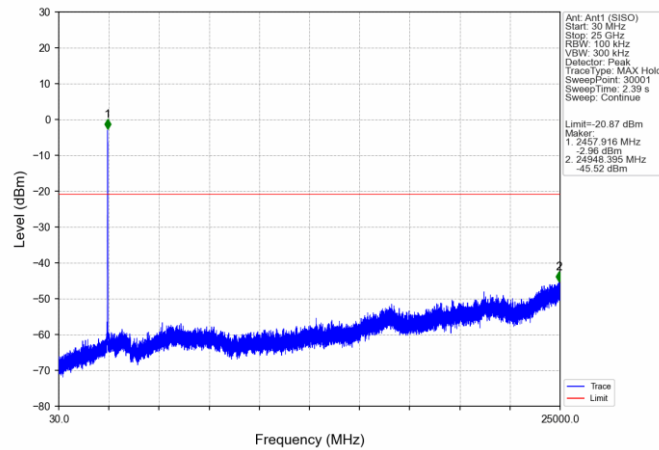


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

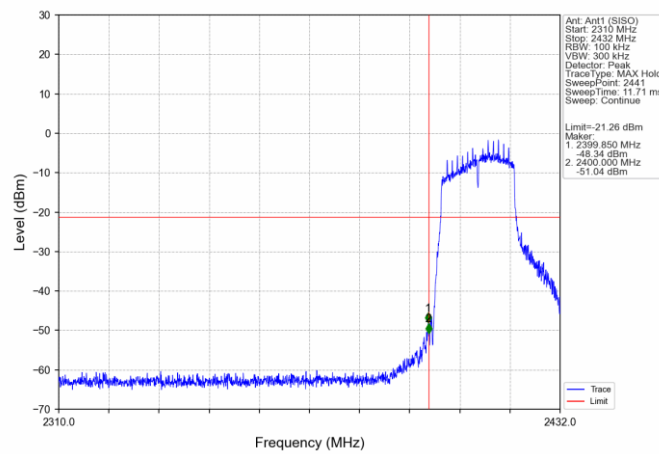




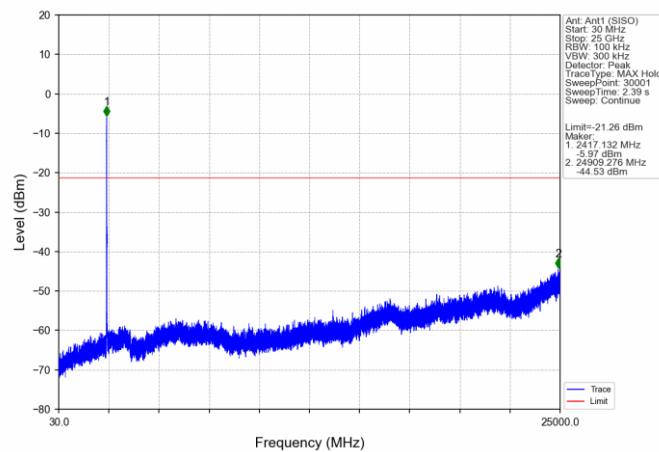
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

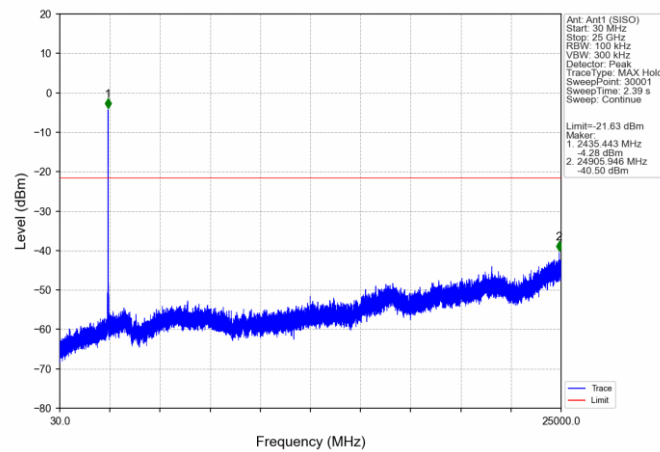


802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

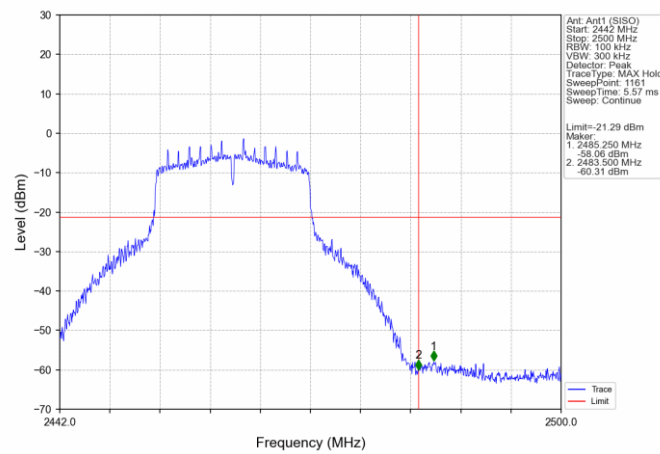




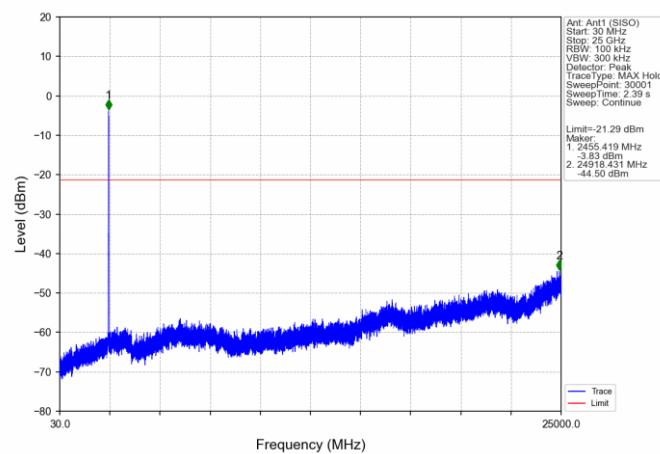
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

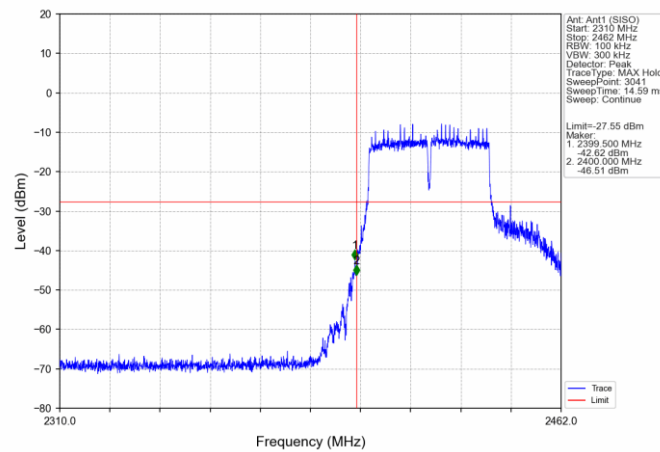


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

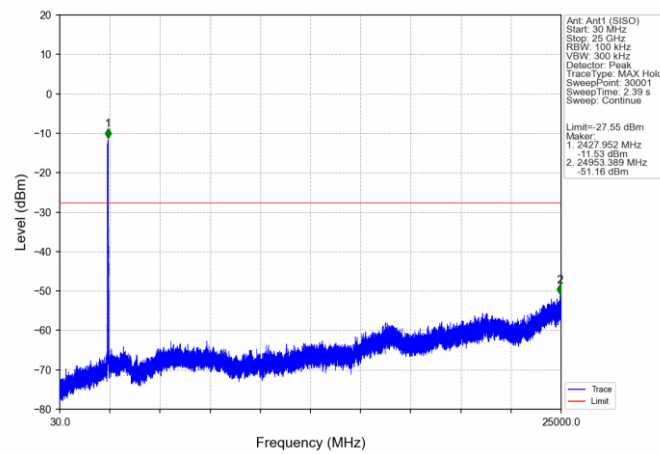




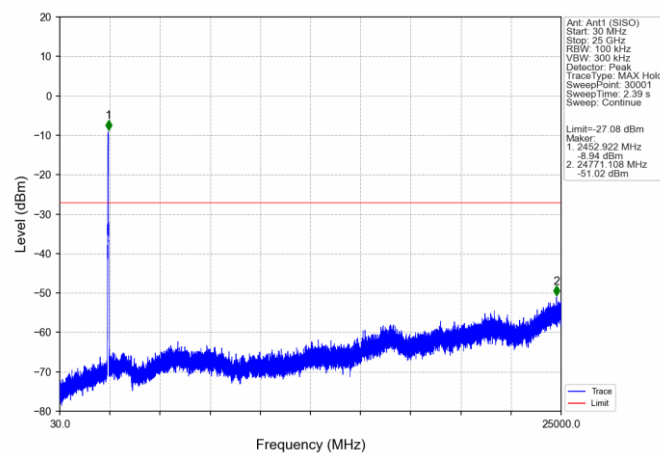
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

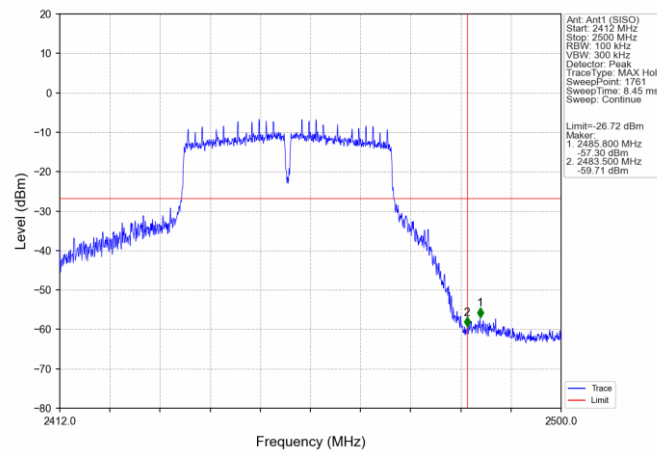


802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

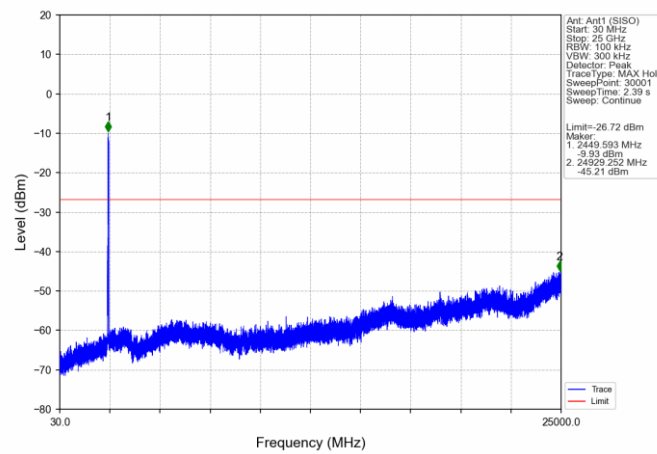




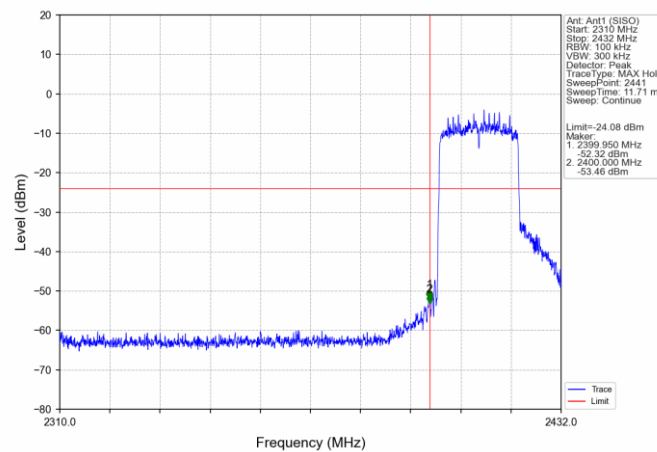
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

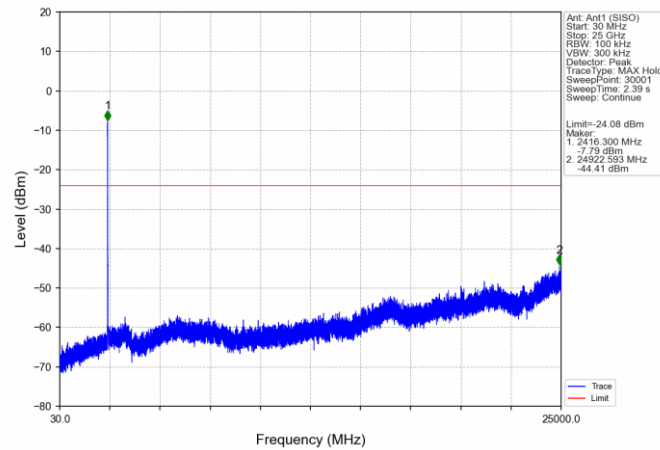


802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV

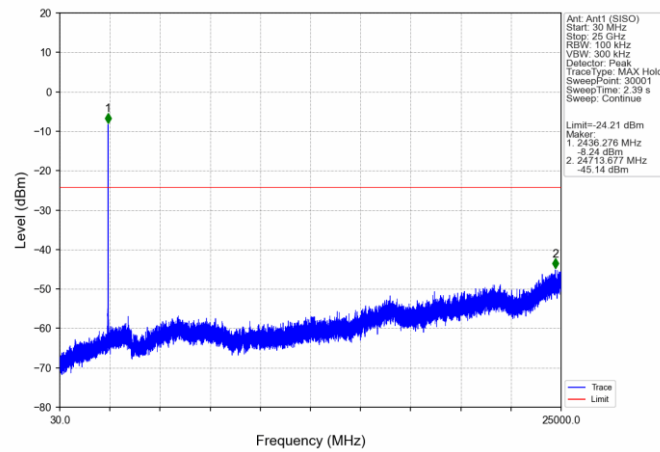




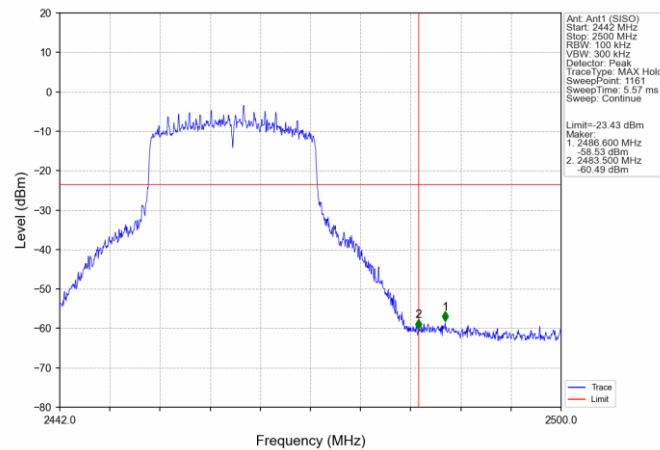
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV

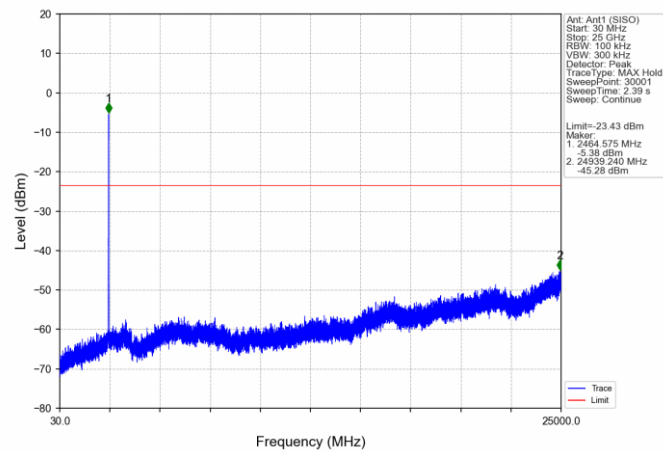


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

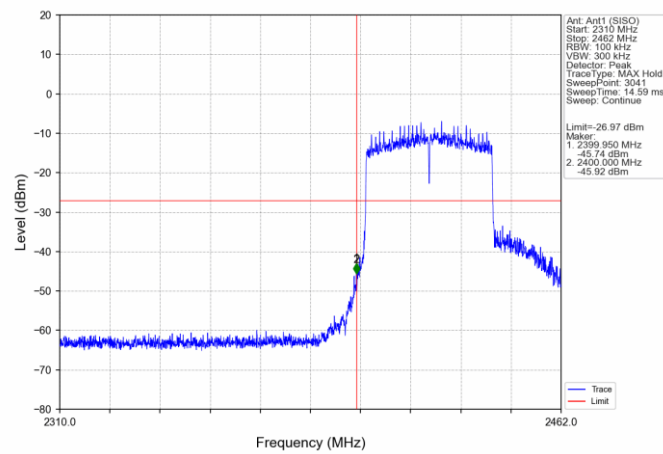




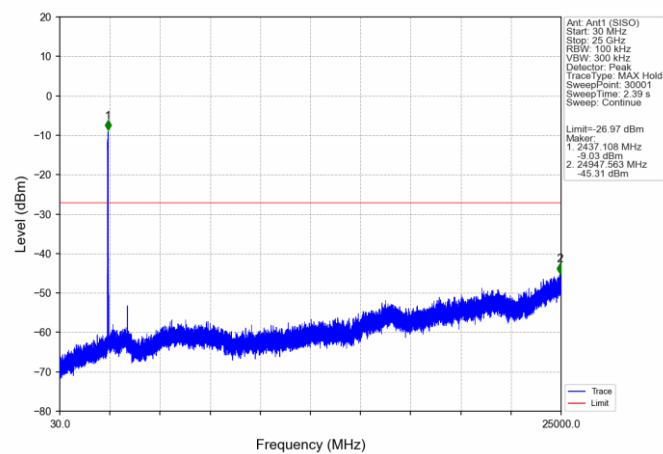
802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV



802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV

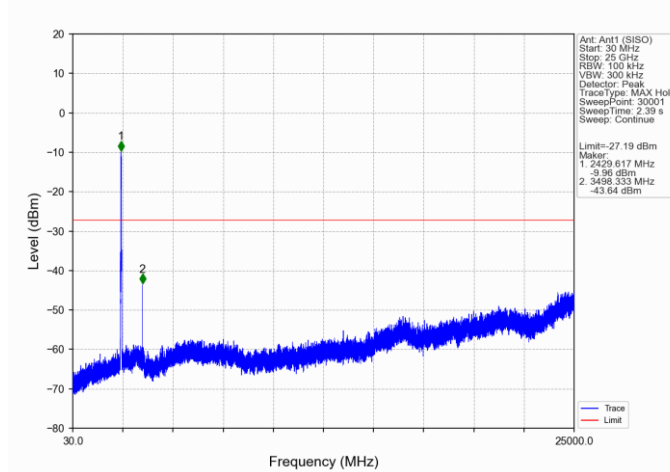


802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV

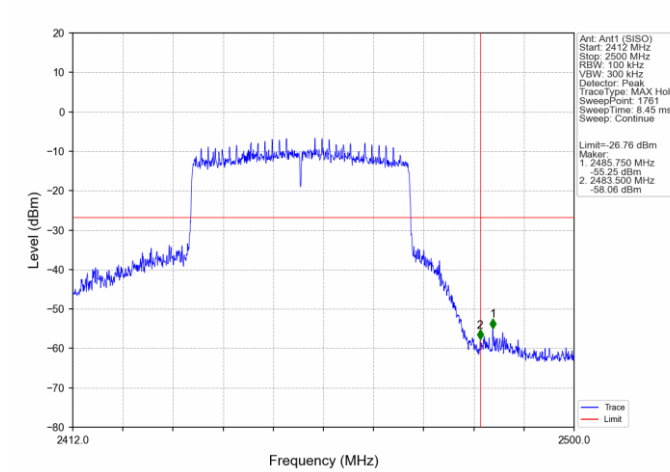




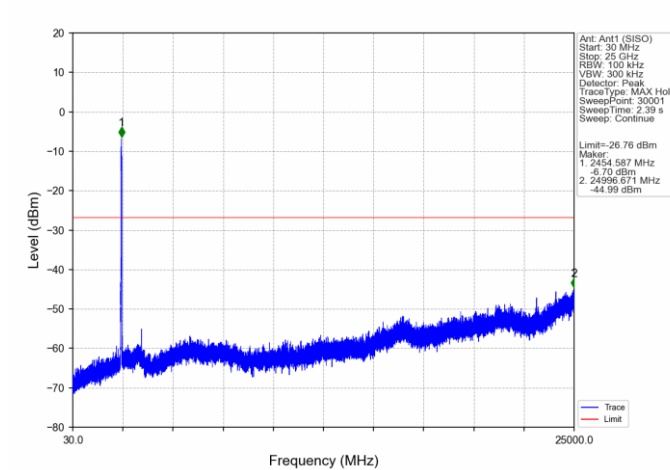
802.11ax(HEW40)_MCH_2437MHz_SU_ / _Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_ / _Ant1 (SISO)_NTNV



802.11ax(HEW40)_HCH_2452MHz_SU_ / _Ant1 (SISO)_NTNV





APPENDIX II - MEASUREMENT PHOTOS

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

※※※※※END OF THE REPORT※※※※※