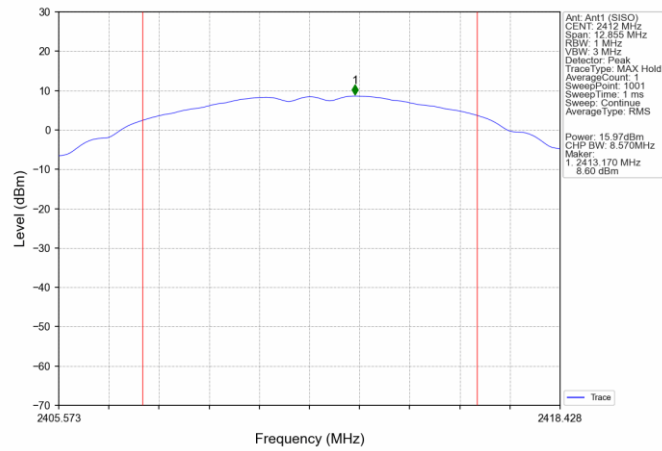




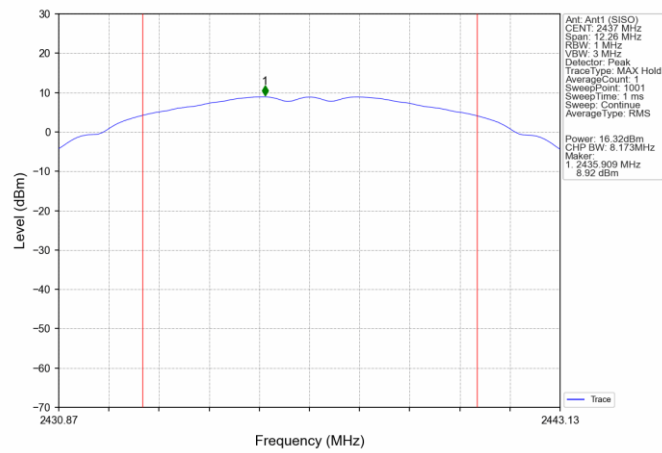
3.2 Test Graph

3.2.1 Power

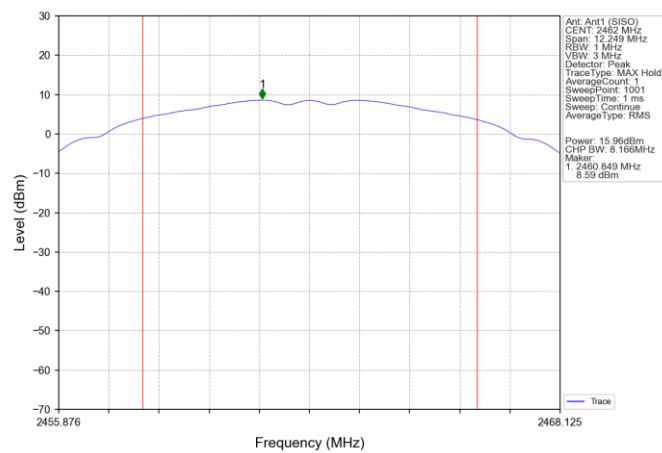
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

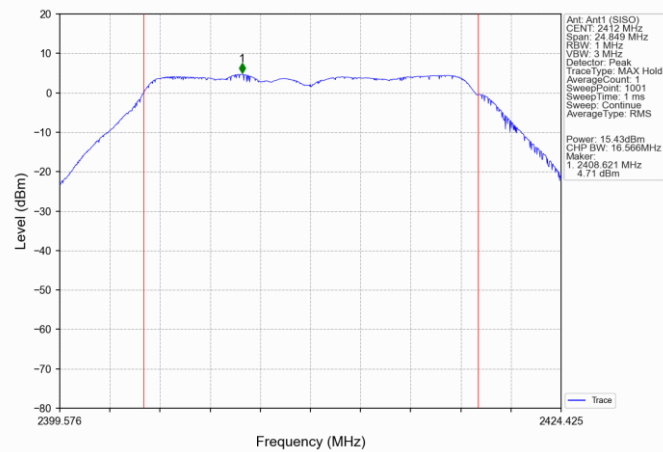


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

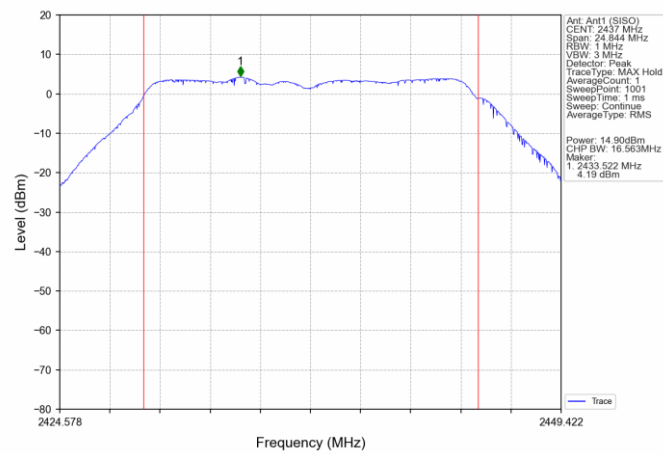




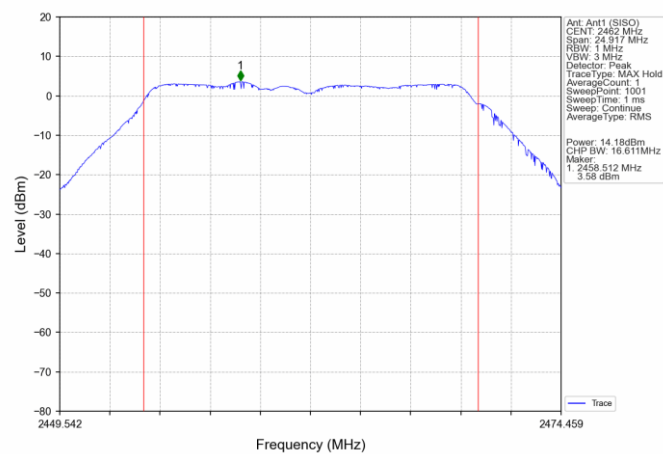
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

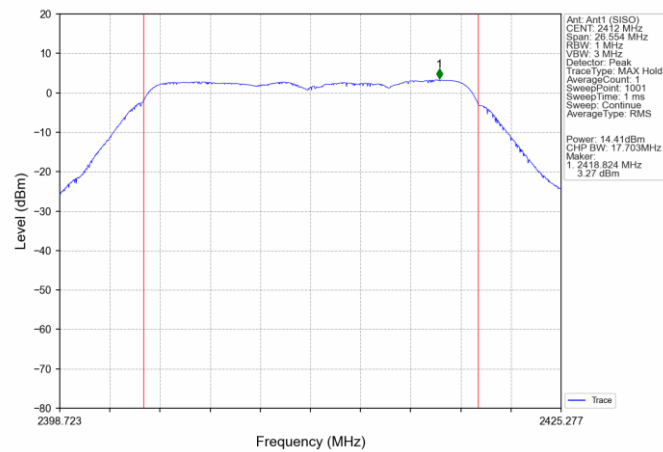


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

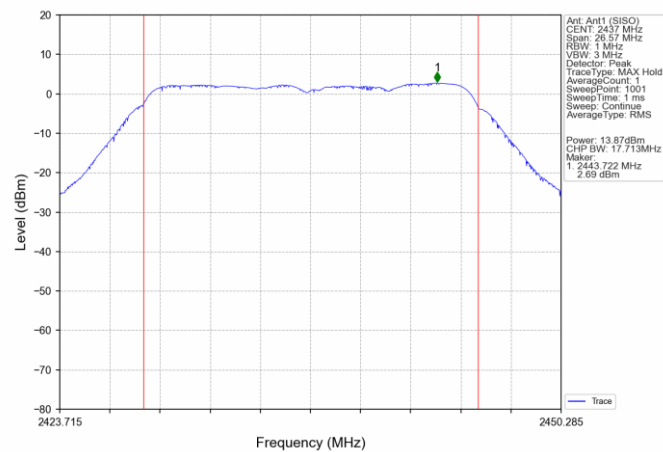




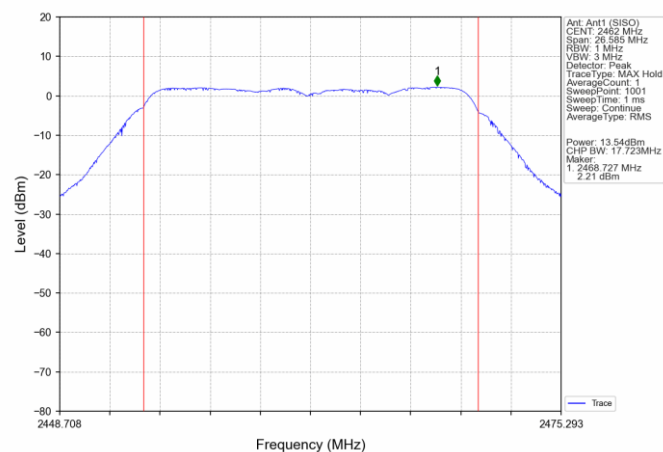
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

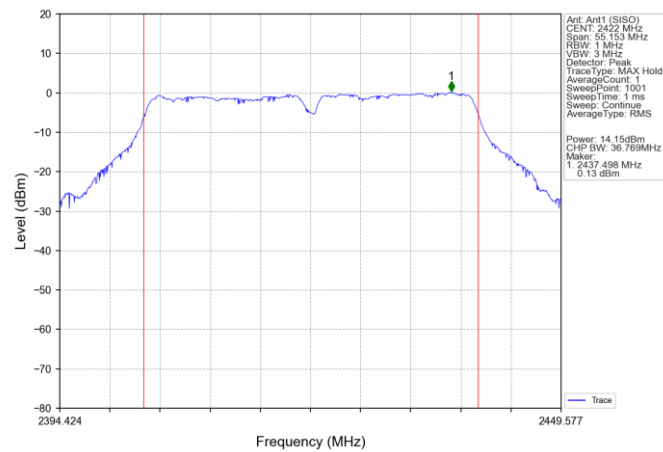


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

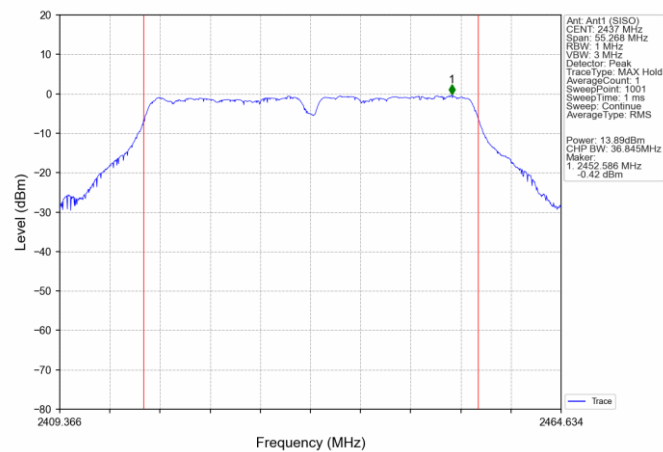




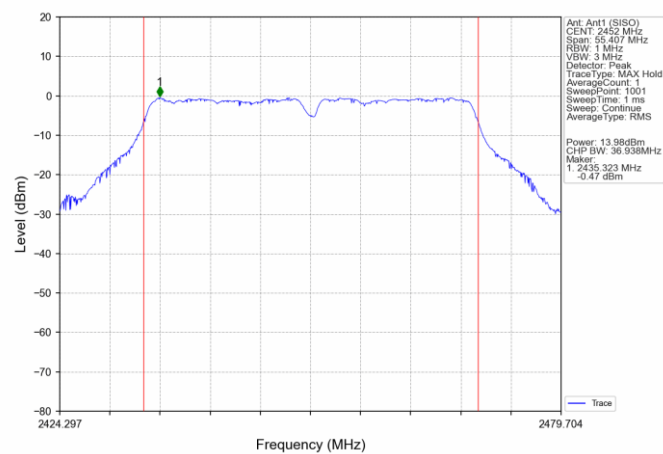
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

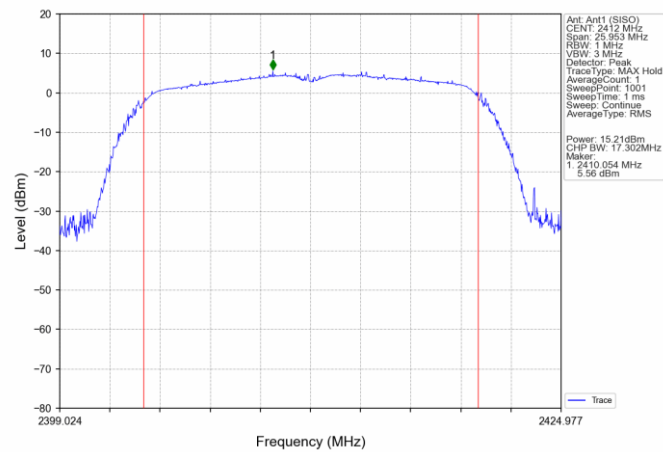


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

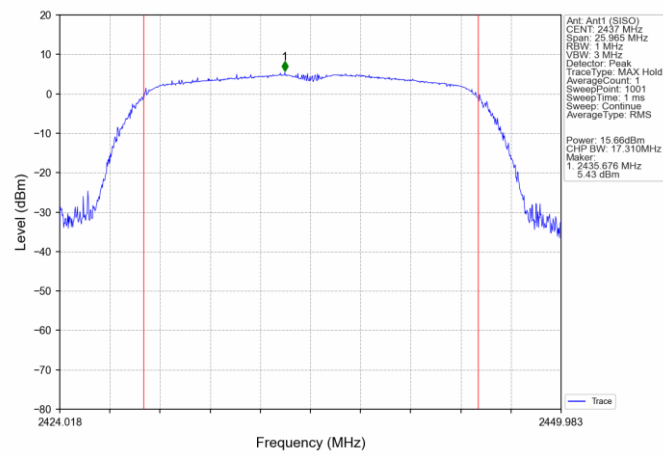




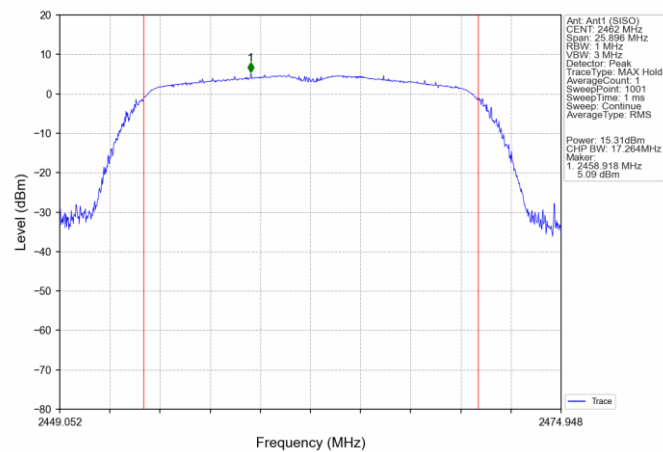
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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

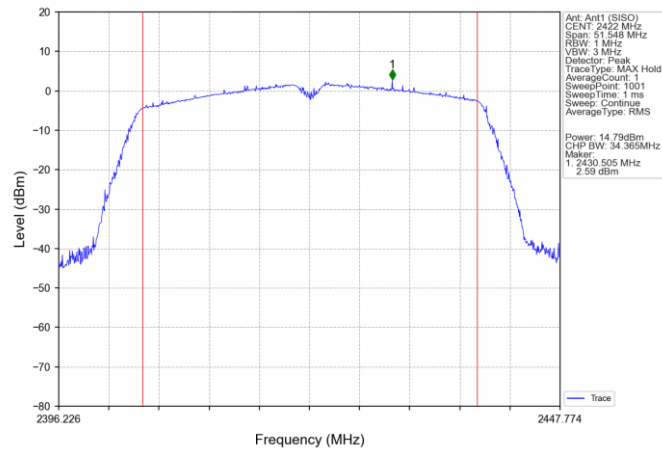


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

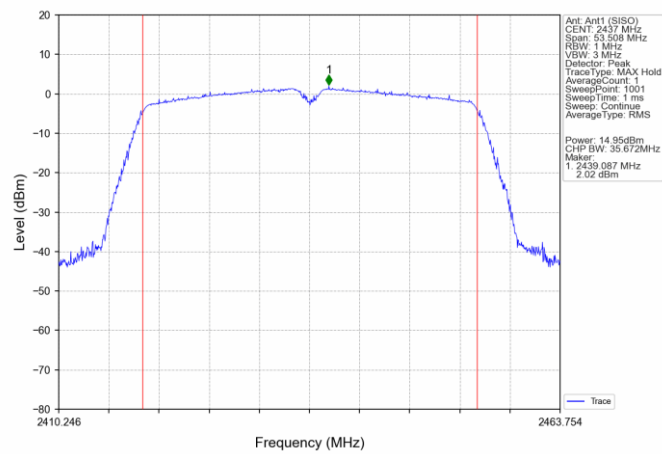




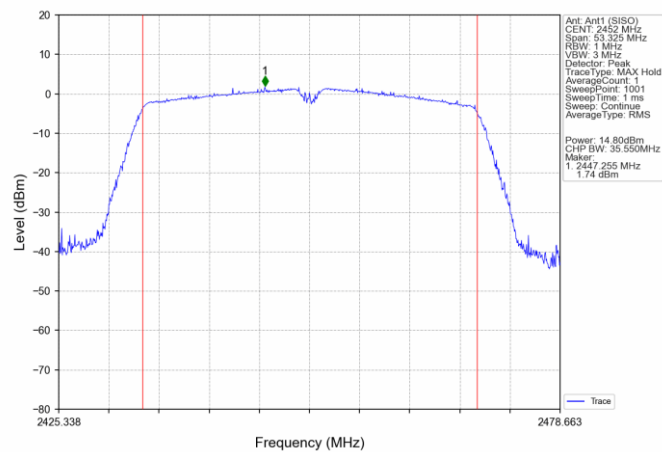
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



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



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





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	/	/	-9.50dBm/3kHz	<=8	Pass
		2437	/	/	-8.48dBm/3kHz	<=8	Pass
		2462	/	/	-9.14dBm/3kHz	<=8	Pass
802.11g	SISO	2412	/	/	-19.30dBm/3kHz	<=8	Pass
		2437	/	/	-18.91dBm/3kHz	<=8	Pass
		2462	/	/	-19.75dBm/3kHz	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-19.22dBm/3kHz	<=8	Pass
		2437	/	/	-19.68dBm/3kHz	<=8	Pass
		2462	/	/	-20.07dBm/3kHz	<=8	Pass
802.11n (HT40)	SISO	2422	/	/	-21.10dBm/3kHz	<=8	Pass
		2437	/	/	-21.45dBm/3kHz	<=8	Pass
		2452	/	/	-22.03dBm/3kHz	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-17.19dBm/3kHz	<=8	Pass
		2437	SU	/	-17.58dBm/3kHz	<=8	Pass
		2462	SU	/	-18.06dBm/3kHz	<=8	Pass
802.11ax (HEW40)	SISO	2422	SU	/	-20.08dBm/3kHz	<=8	Pass
		2437	SU	/	-20.96dBm/3kHz	<=8	Pass
		2452	SU	/	-20.53dBm/3kHz	<=8	Pass

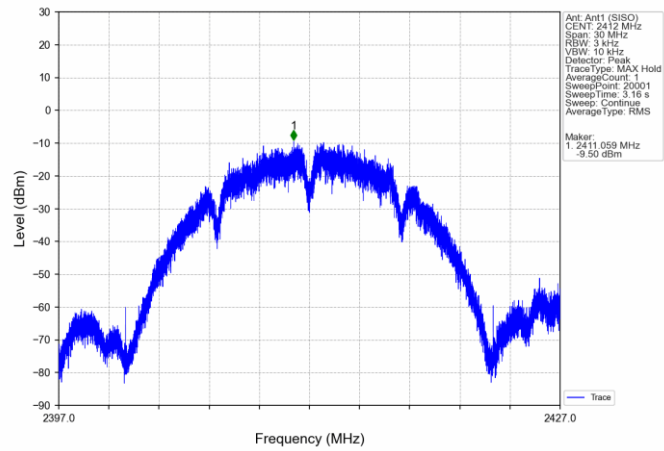
Note1: Antenna Gain: Ant1: 4.29dBi;



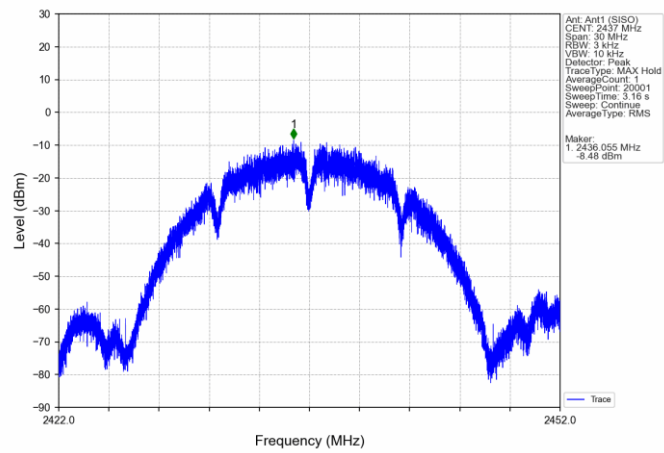
4.2 Test Graph

4.2.1 PSD

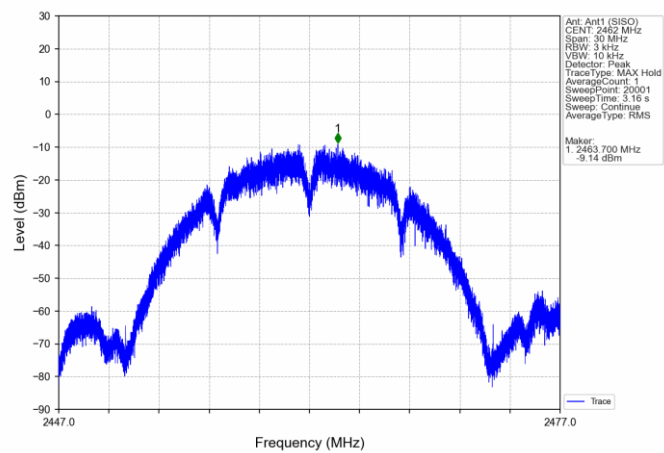
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

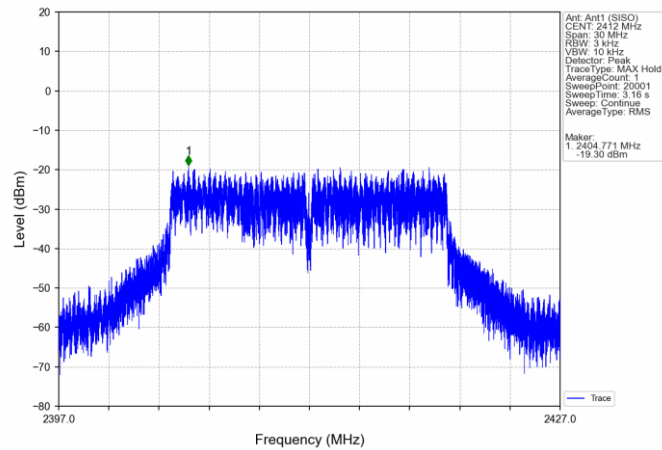


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

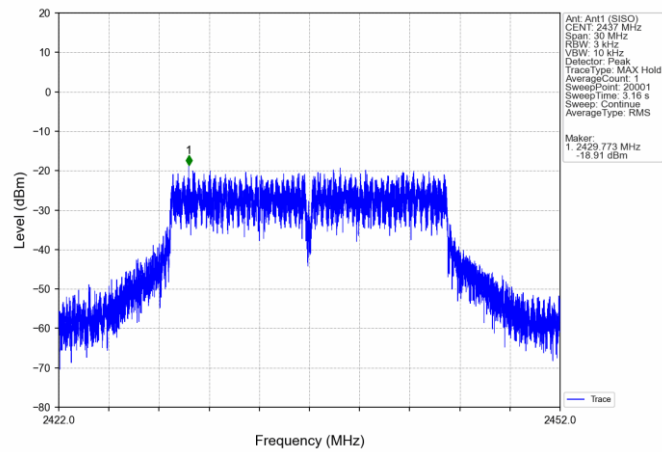




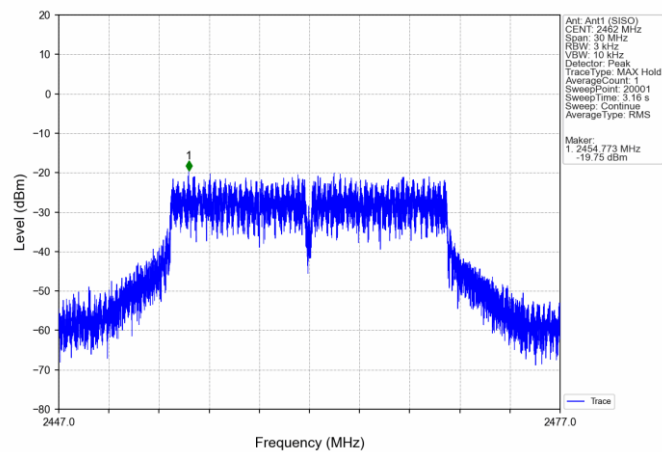
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

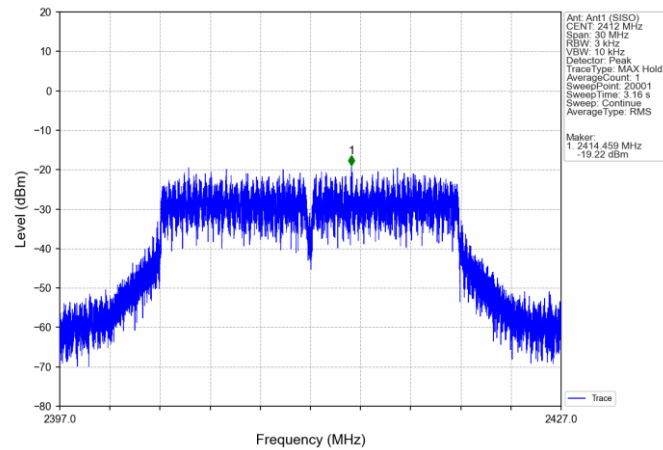


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

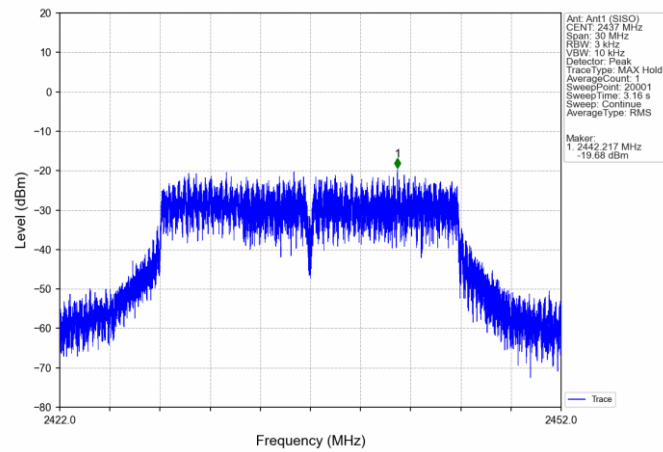




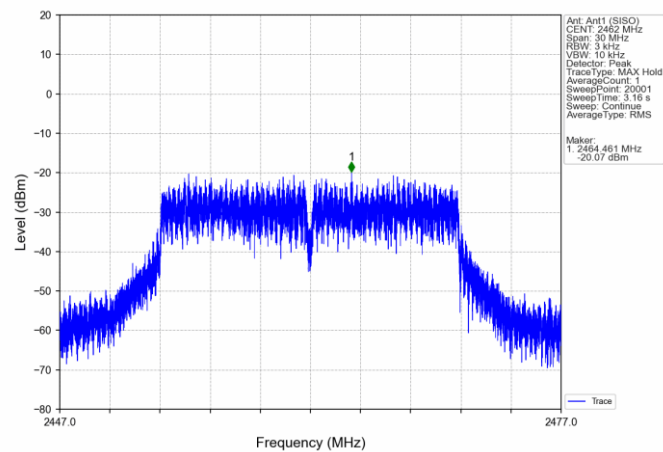
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

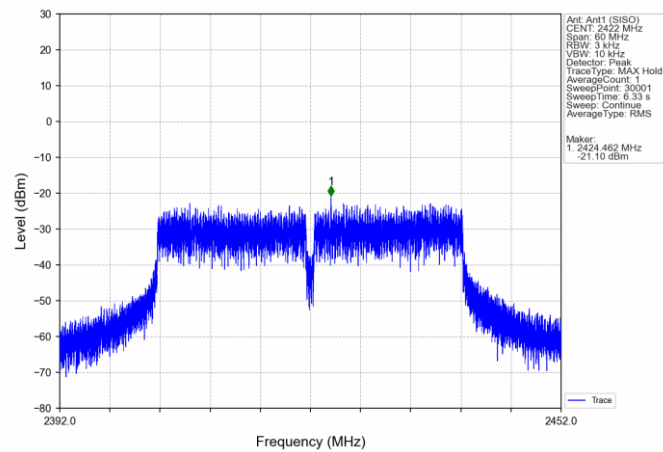


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

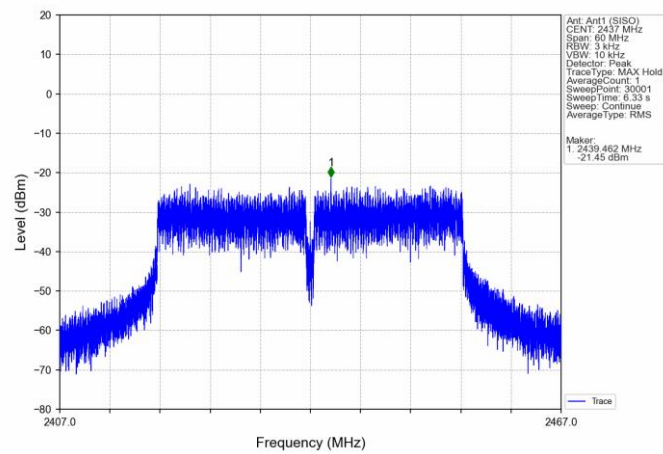




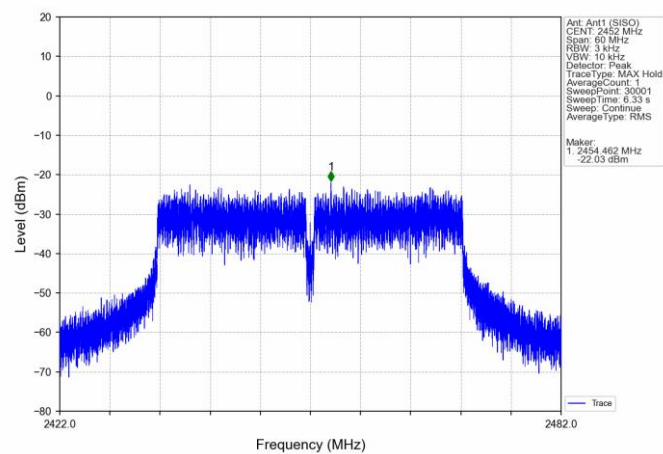
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

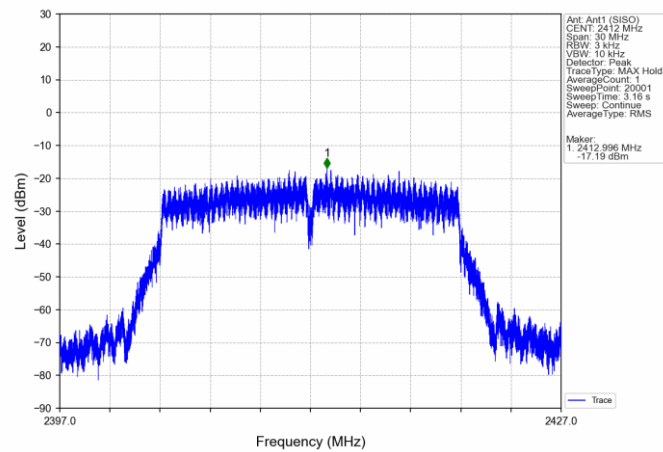


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

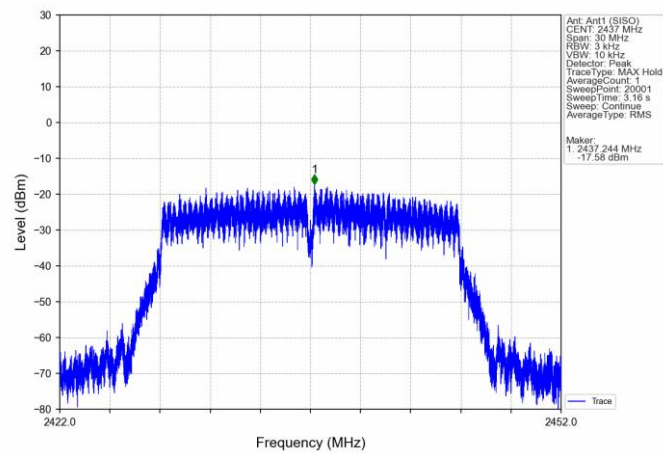




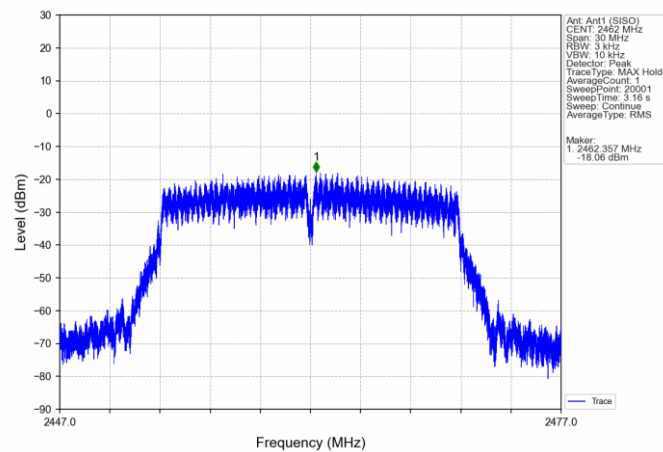
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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

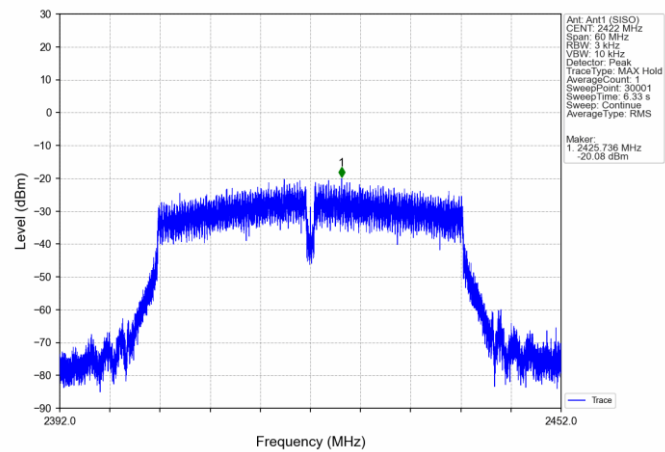


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

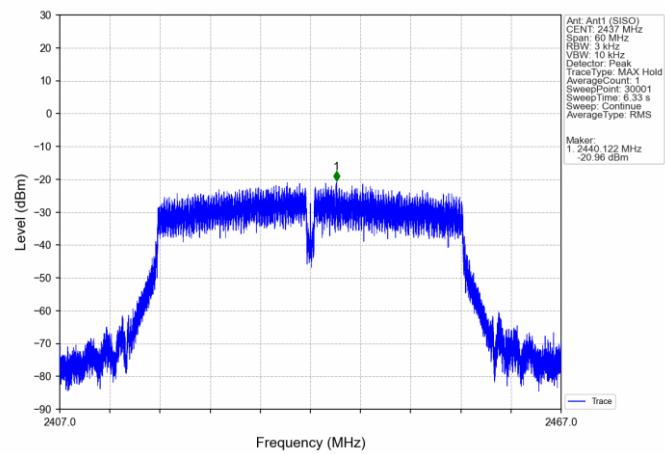




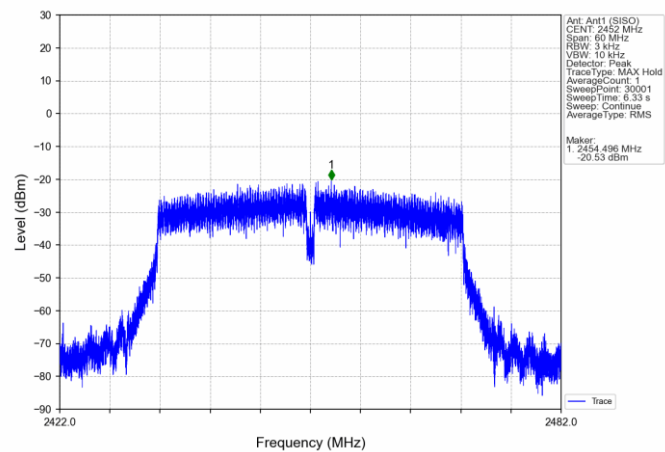
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



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	5.46
		2437	/	/	1	5.84
		2462	/	/	1	5.40
802.11g	SISO	2412	/	/	1	-3.87
		2437	/	/	1	-4.37
		2462	/	/	1	-5.11
802.11n (HT20)	SISO	2412	/	/	1	-4.77
		2437	/	/	1	-5.36
		2462	/	/	1	-5.61
802.11n (HT40)	SISO	2422	/	/	1	-7.32
		2437	/	/	1	-7.99
		2452	/	/	1	-7.93
802.11ax (HEW20)	SISO	2412	SU	/	1	-2.48
		2437	SU	/	1	-2.27
		2462	SU	/	1	-3.03
802.11ax (HEW40)	SISO	2422	SU	/	1	-5.78
		2437	SU	/	1	-6.10
		2452	SU	/	1	-6.08

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	5.46	-14.54	Pass
		2437	/	/	1	5.84	-14.16	Pass
		2462	/	/	1	5.40	-14.60	Pass
802.11g	SISO	2412	/	/	1	-3.87	-23.87	Pass
		2437	/	/	1	-4.37	-24.37	Pass
		2462	/	/	1	-5.11	-25.11	Pass
802.11n (HT20)	SISO	2412	/	/	1	-4.77	-24.77	Pass
		2437	/	/	1	-5.36	-25.36	Pass
		2462	/	/	1	-5.61	-25.61	Pass
802.11n (HT40)	SISO	2422	/	/	1	-7.32	-27.32	Pass
		2437	/	/	1	-7.99	-27.99	Pass
		2452	/	/	1	-7.93	-27.93	Pass
802.11ax	SISO	2412	SU	/	1	-2.48	-22.48	Pass



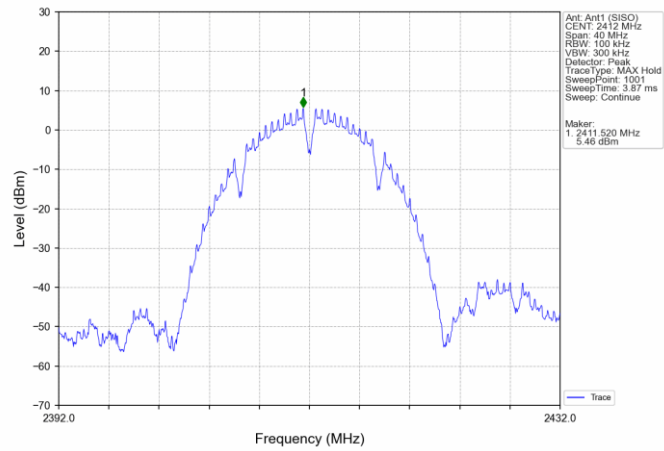
(HEW20)		2437	SU	/	1	-2.27	-22.27	Pass
		2462	SU	/	1	-3.03	-23.03	Pass
802.11ax (HEW40)	SISO	2422	SU	/	1	-5.78	-25.78	Pass
		2437	SU	/	1	-6.10	-26.10	Pass
		2452	SU	/	1	-6.08	-26.08	Pass



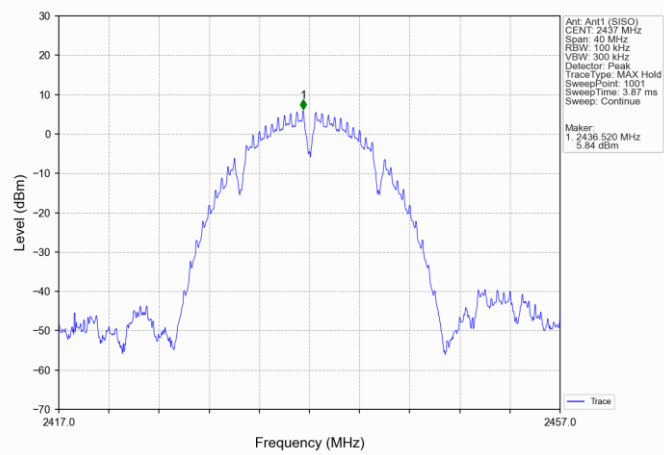
5.2 Test Graph

5.2.1 Ref

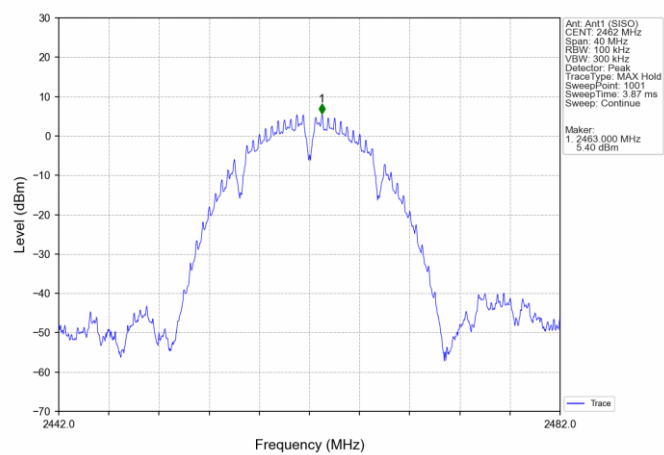
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

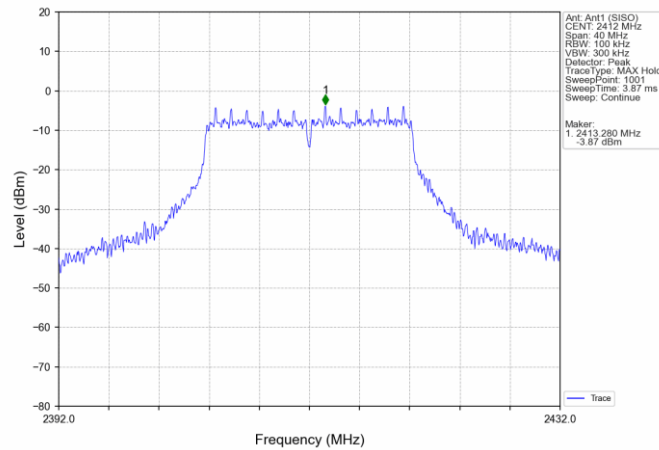


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

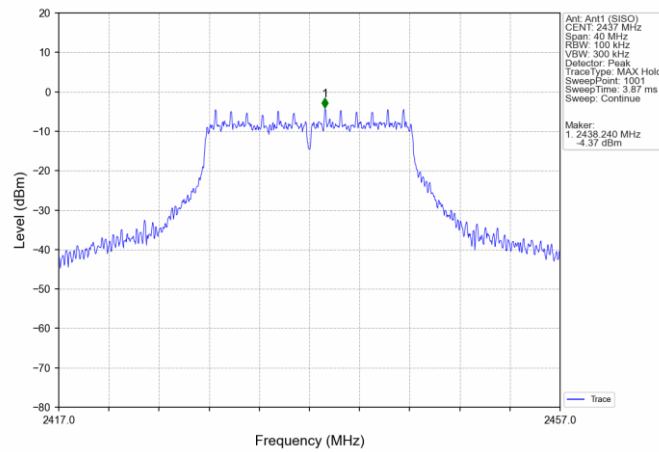




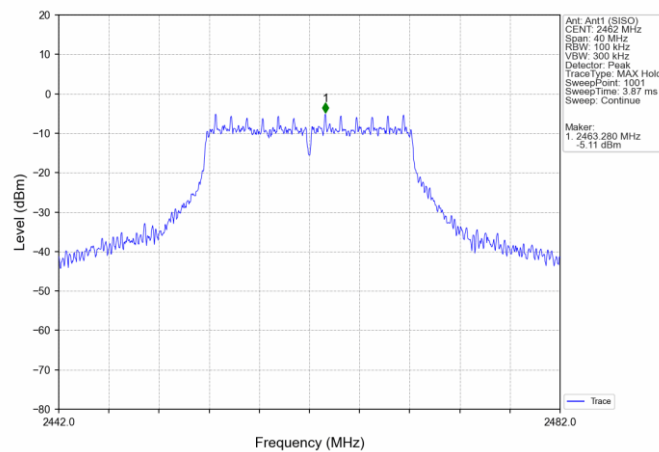
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

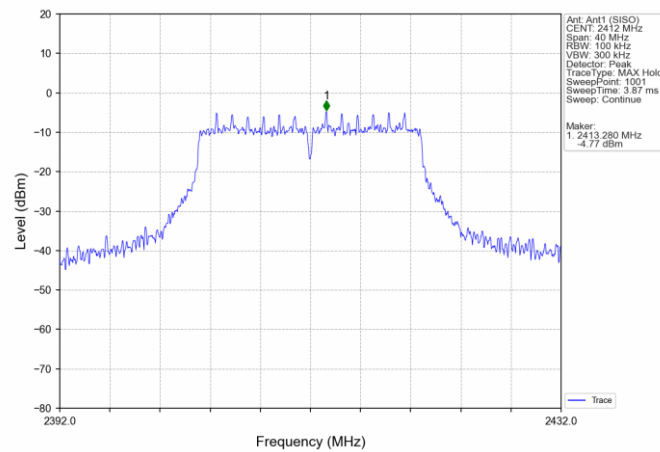


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

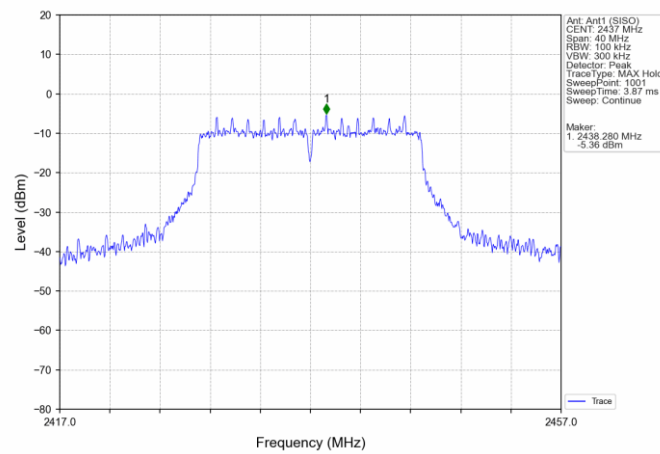




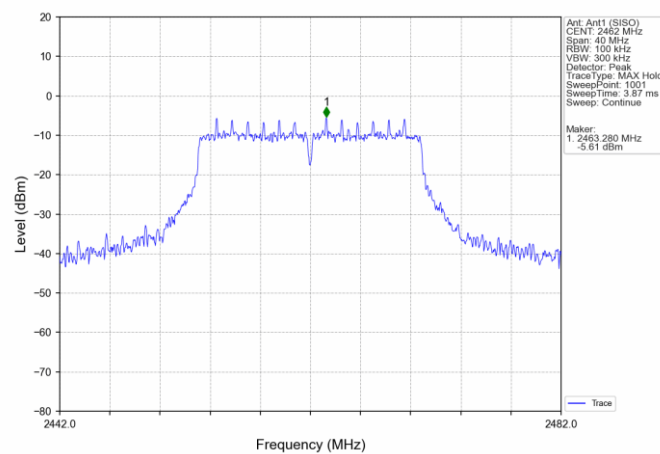
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

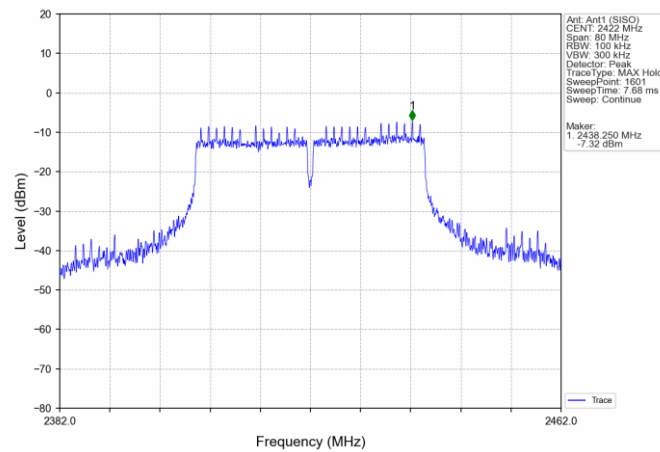


802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

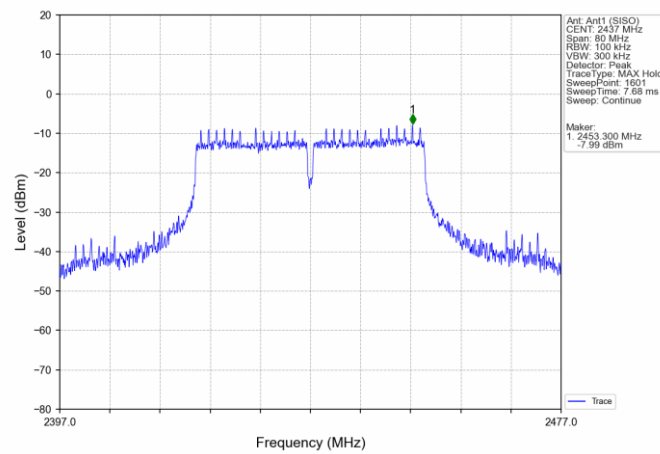




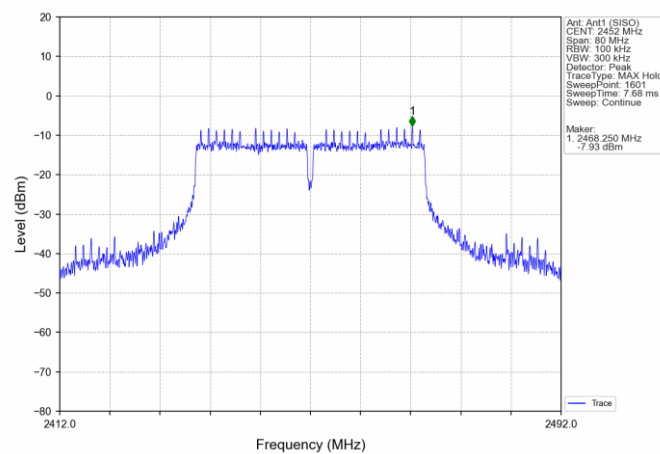
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV

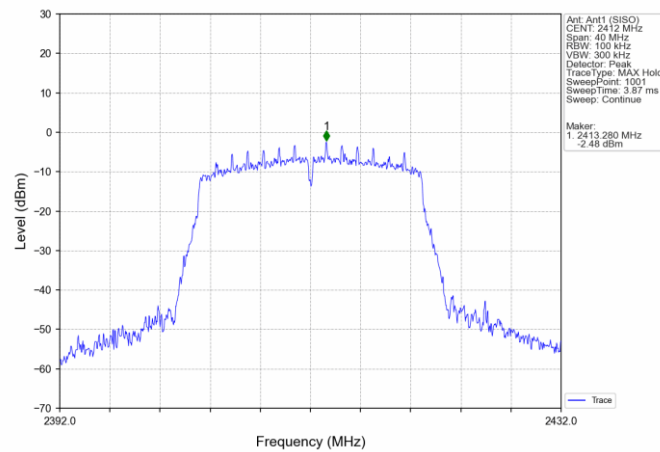


802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

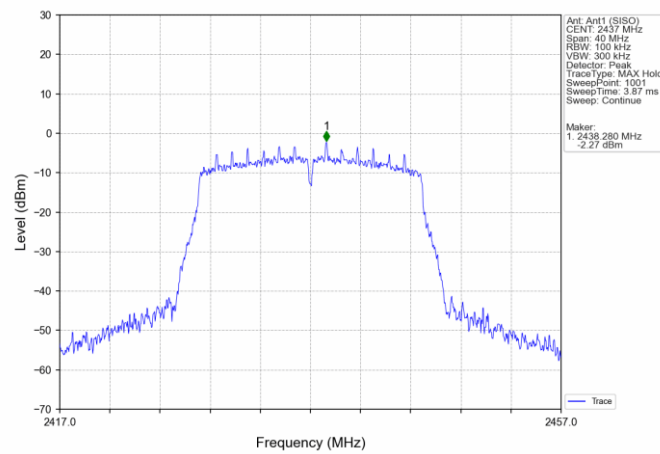




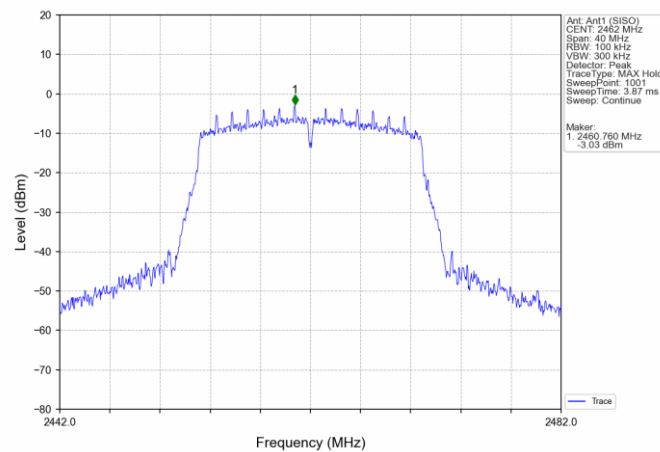
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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

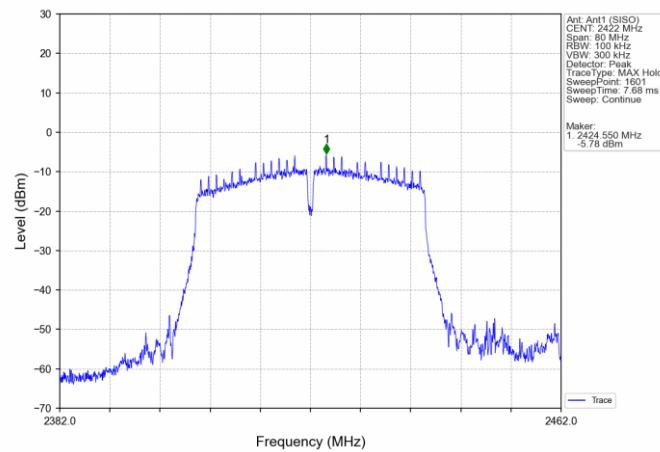


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

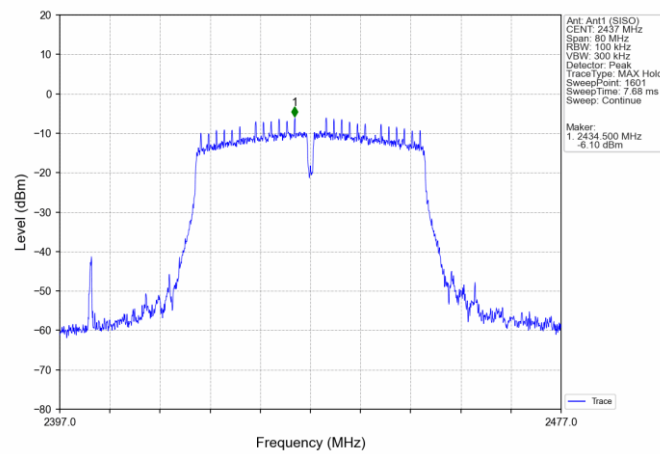




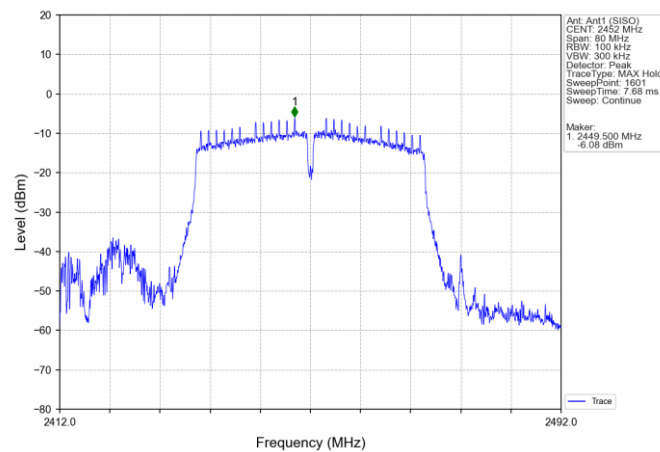
802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV



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



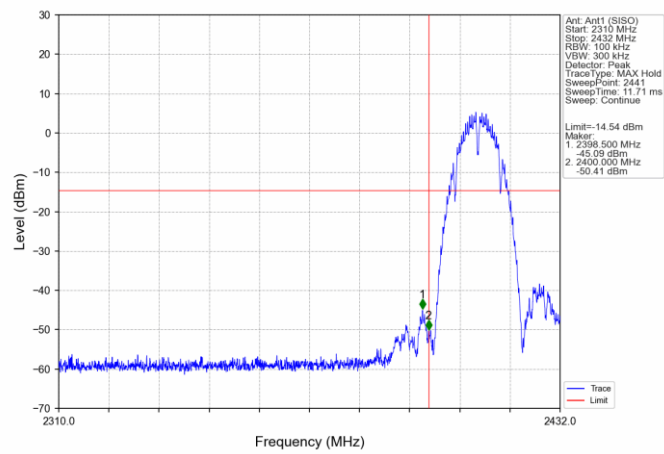
802.11ax(HEW40)_HCH_2452MHz_SU_/_Ant1 (SISO)_NTNV



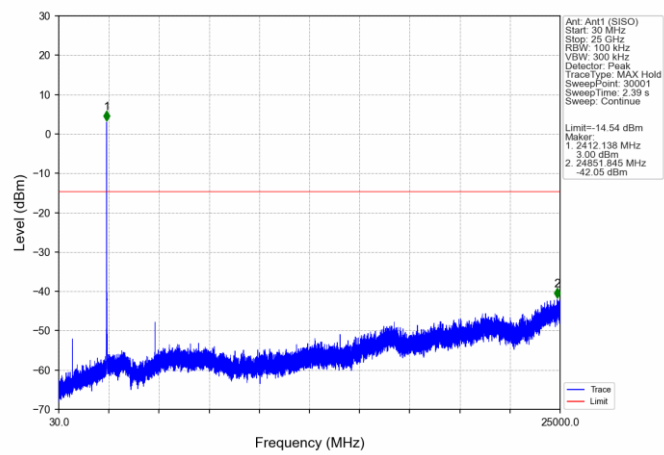


5.2.2 CSE

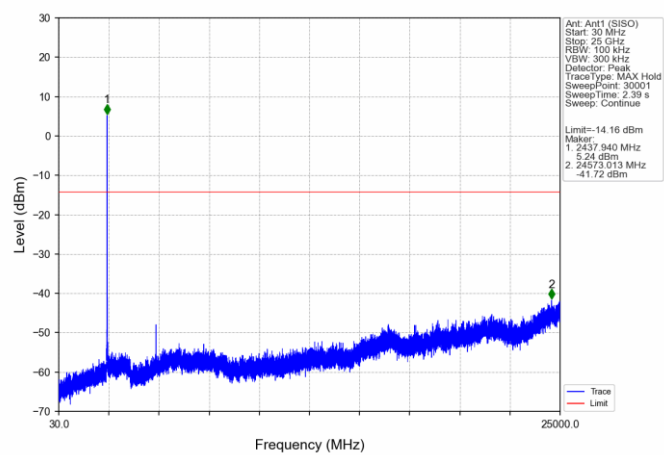
802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV

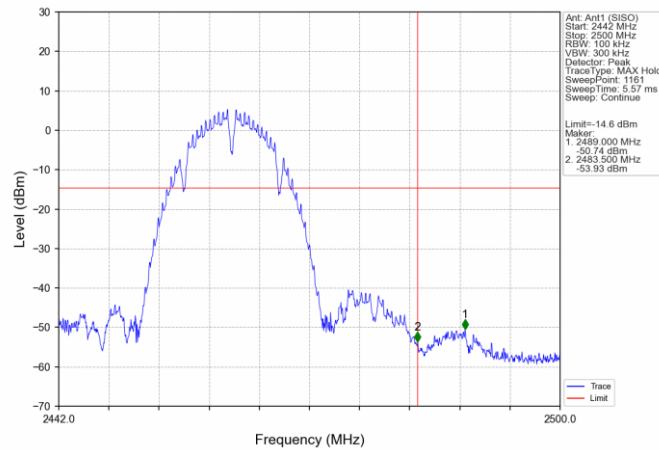


802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

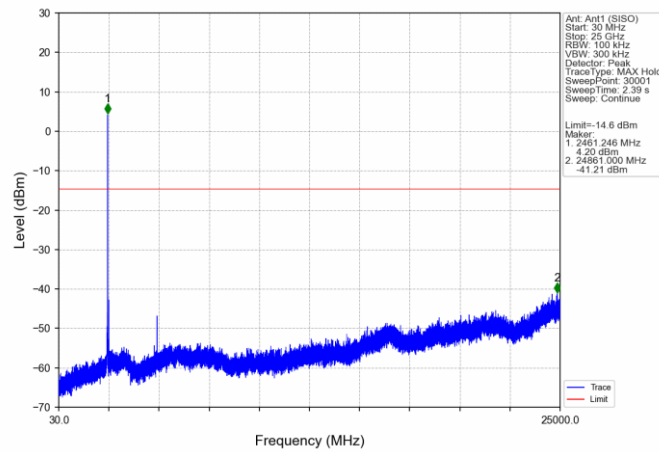




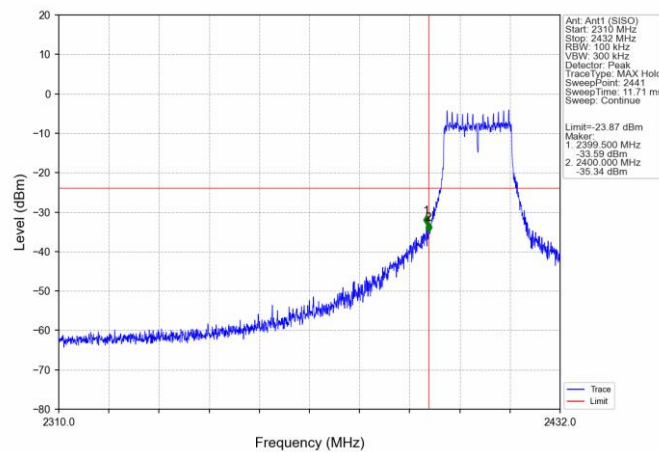
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

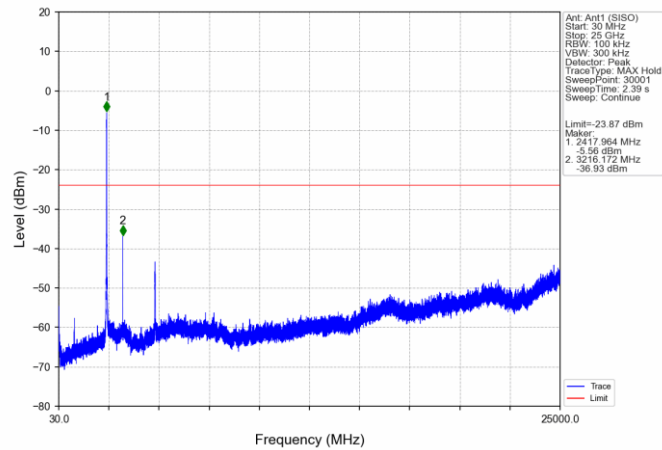


802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV

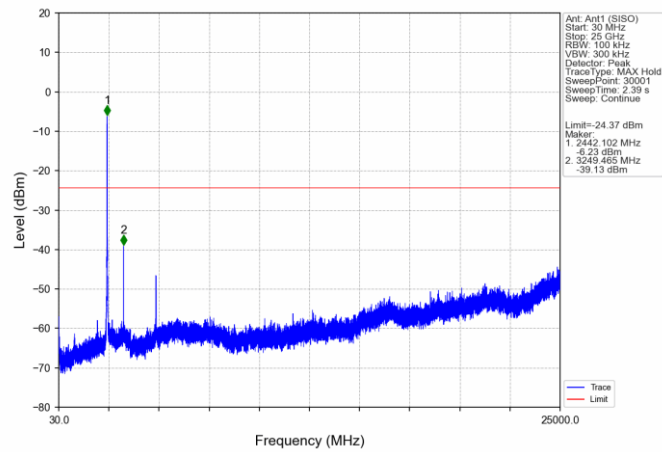




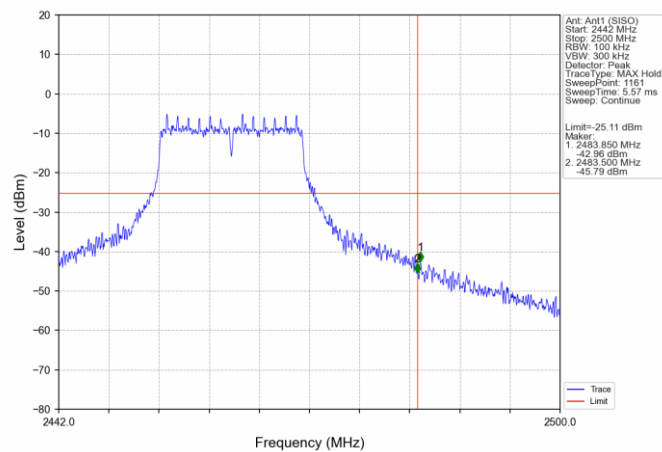
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

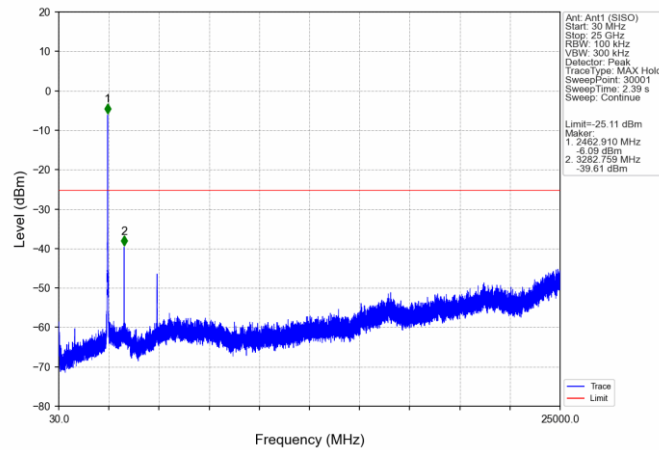


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

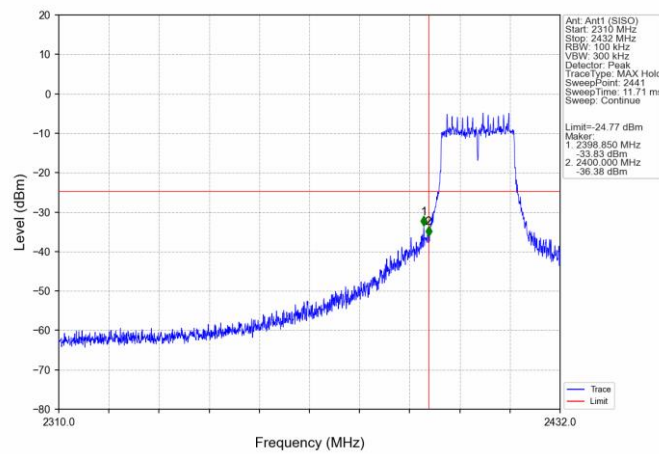




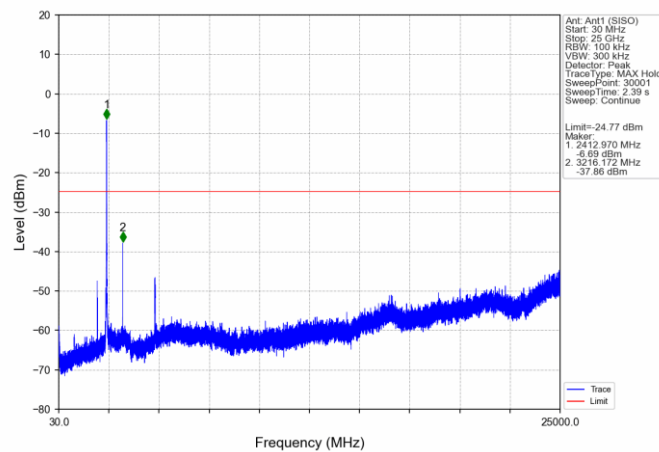
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

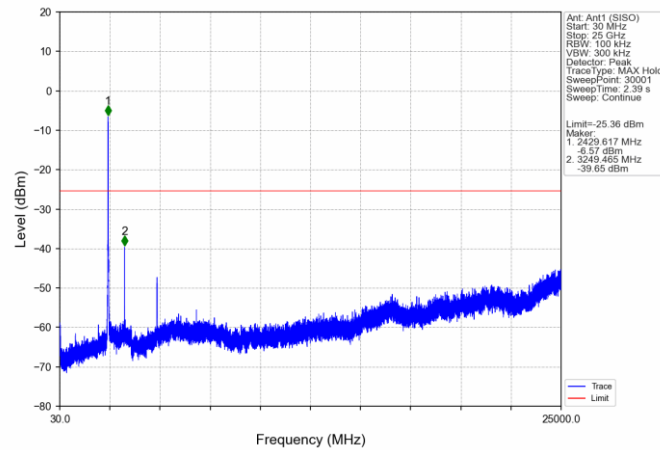


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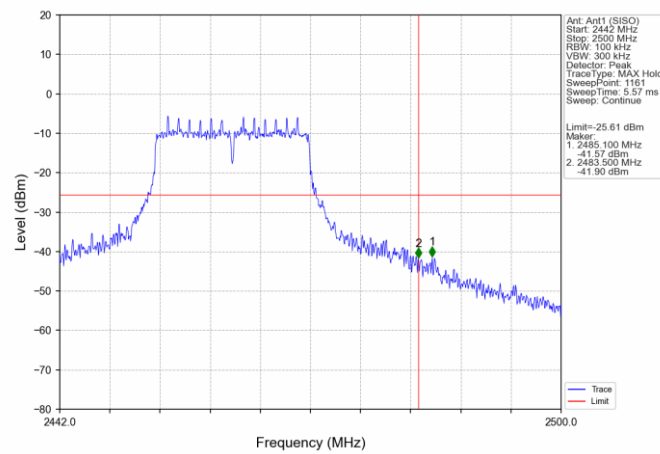




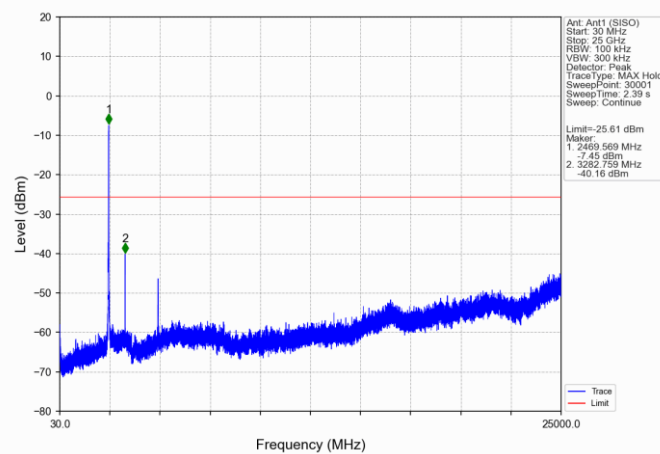
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV

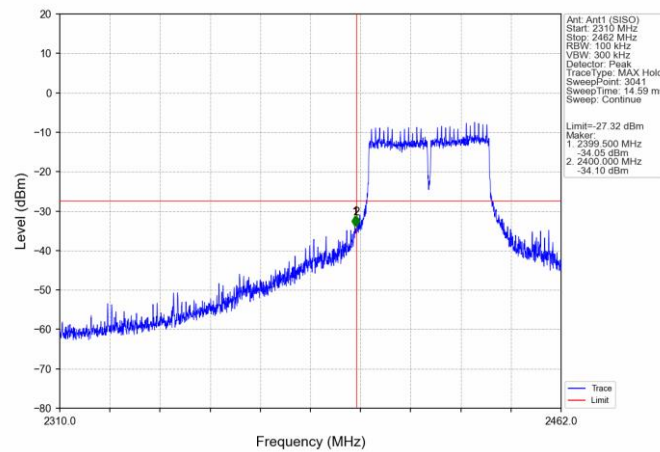


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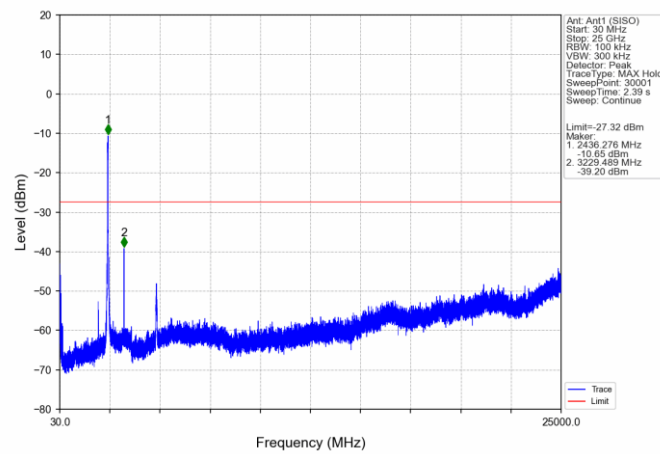




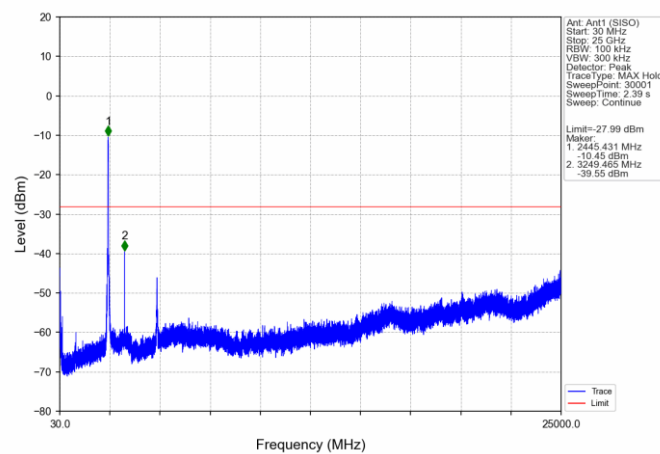
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV

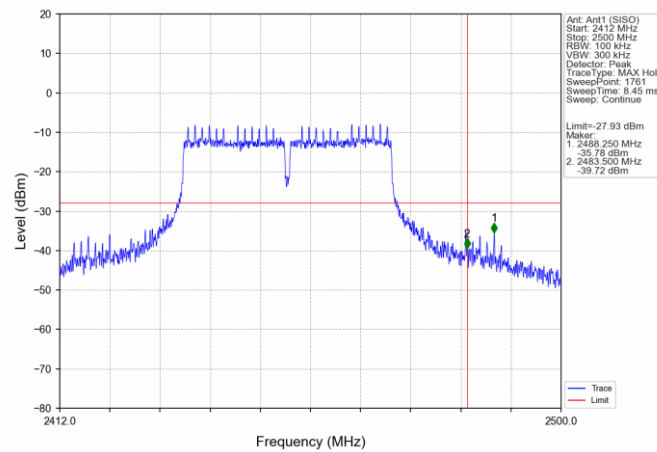


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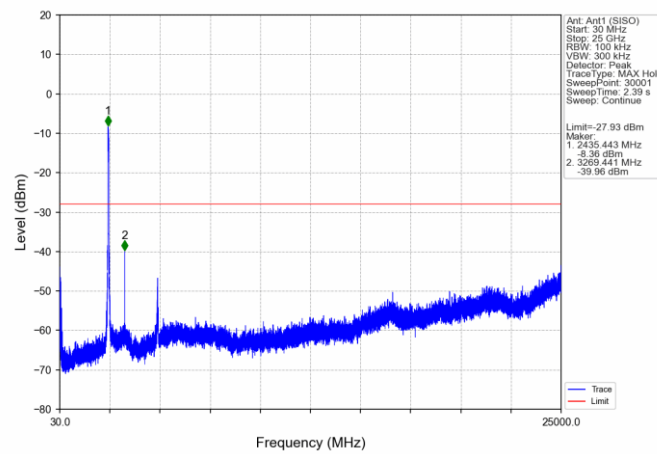




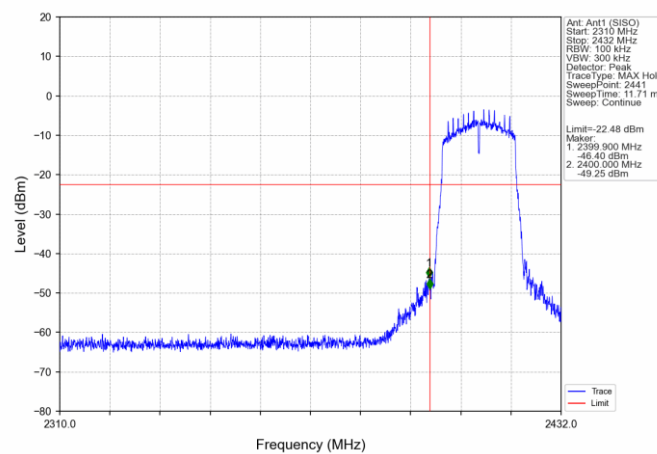
802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

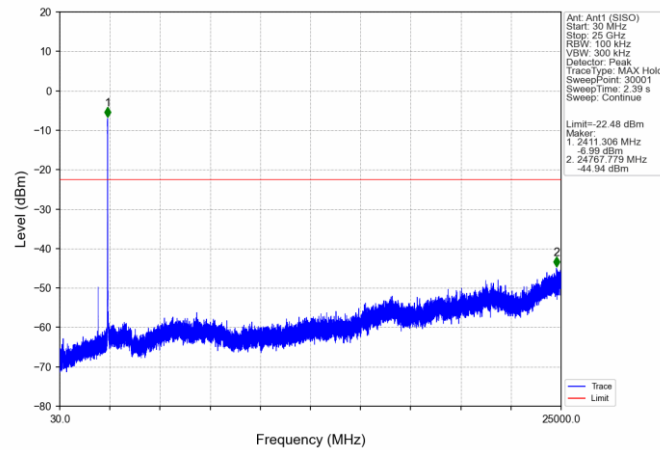


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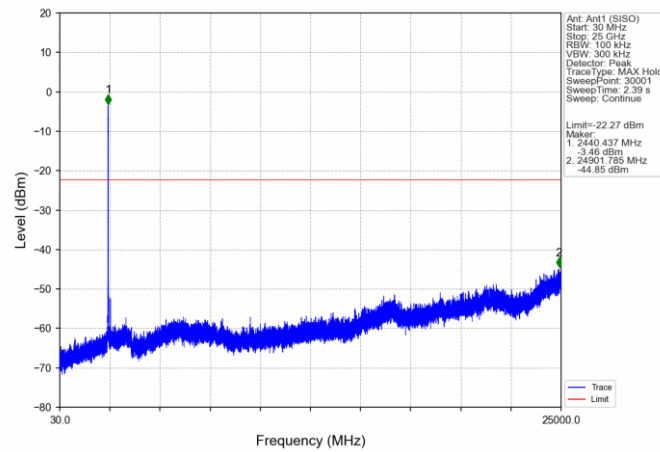




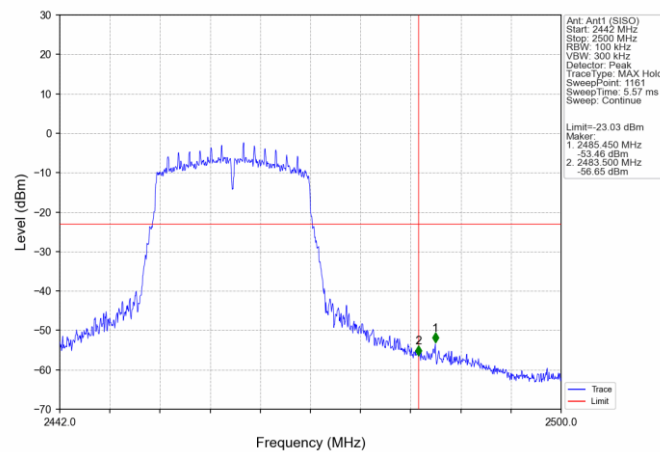
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802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV

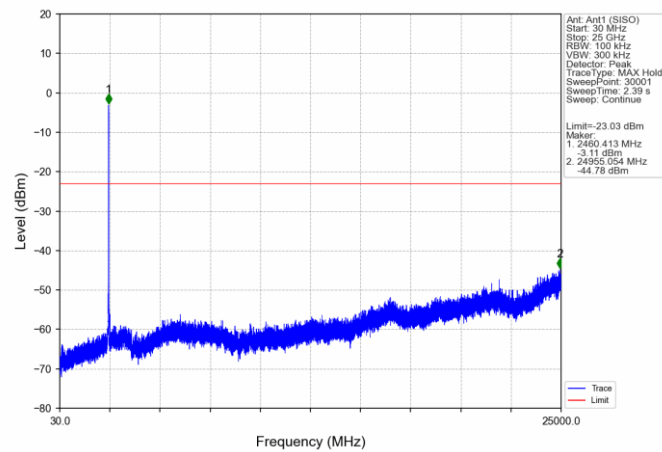


802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV

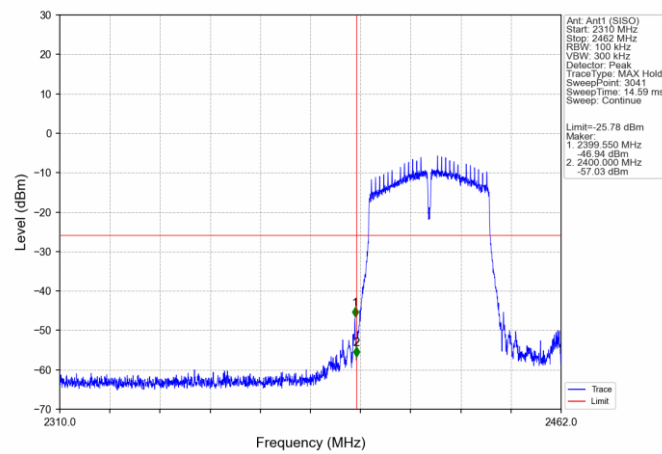




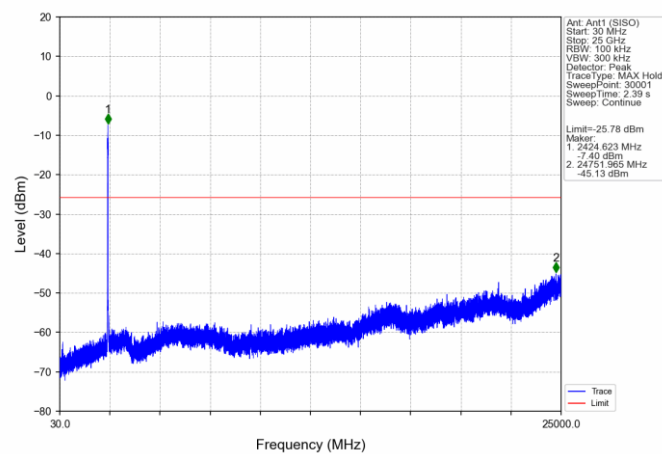
802.11ax(HEW20)_HCH_2462MHz_SU_/_Ant1 (SISO)_NTNV



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

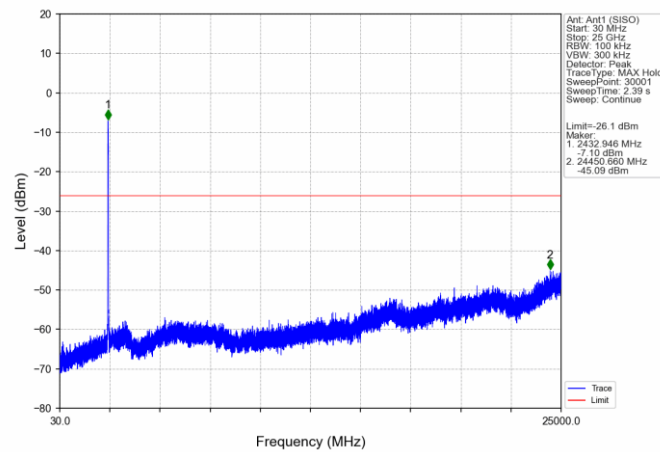


802.11ax(HEW40)_LCH_2422MHz_SU_/_Ant1 (SISO)_NTNV

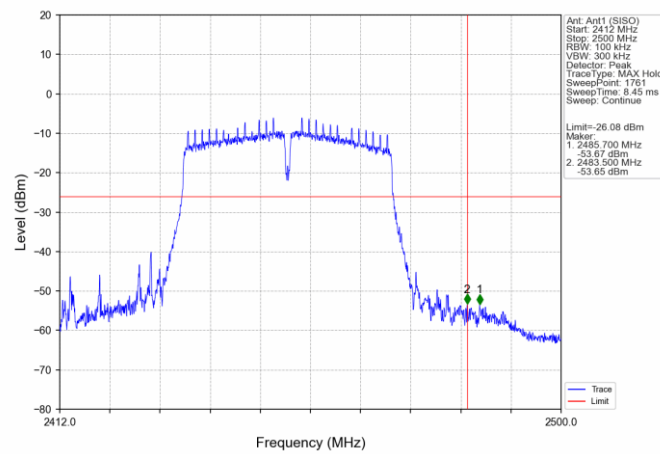




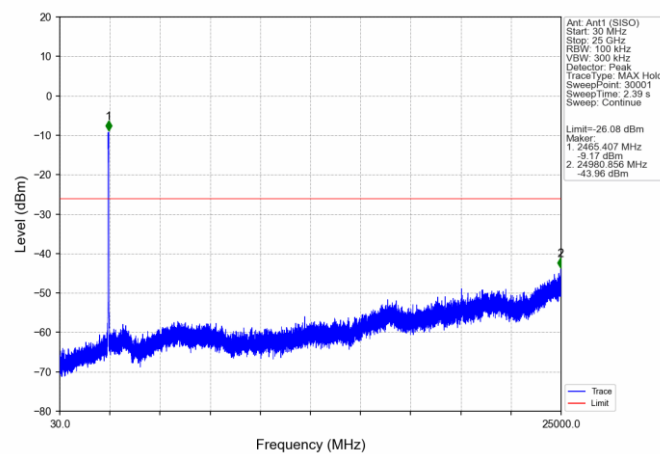
802.11ax(HEW40)_MCH_2437MHz_SU_ / _Ant1 (SISO)_NTNV



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※※※※※