

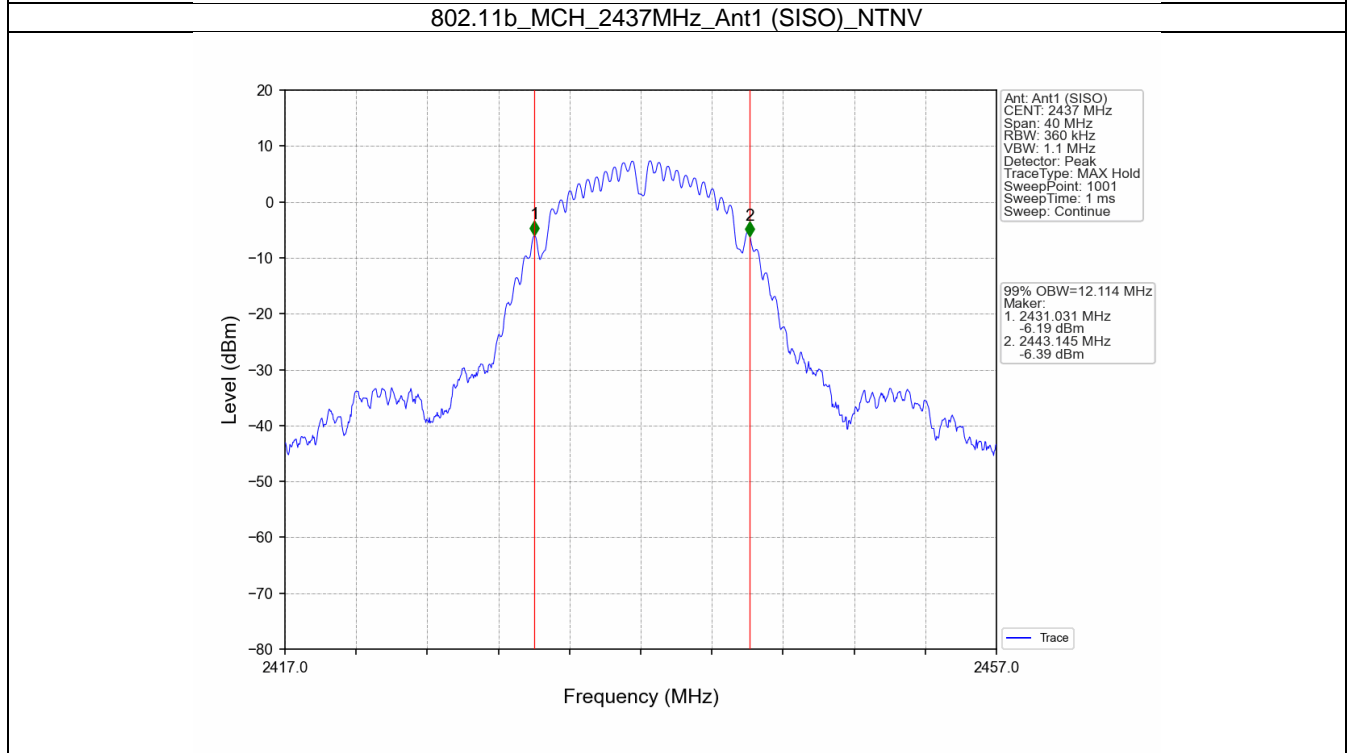
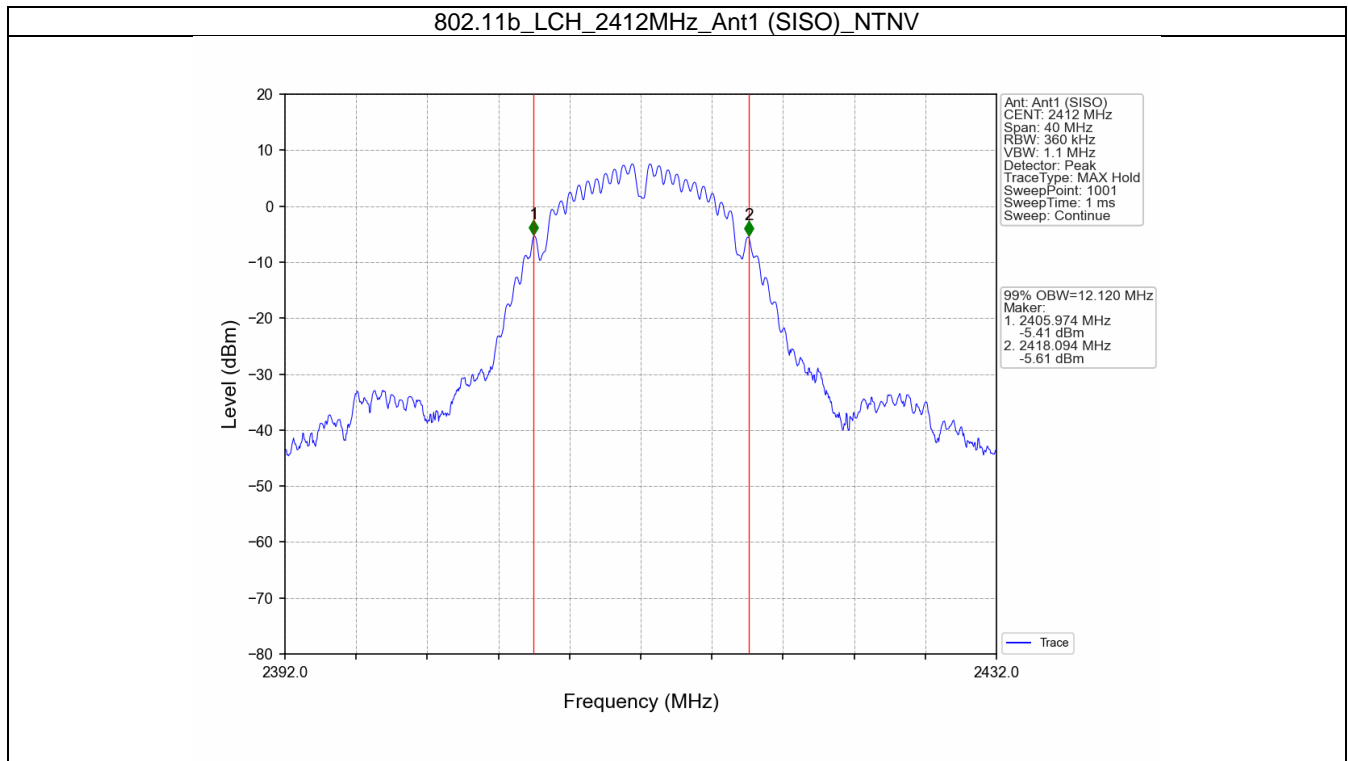
1. Bandwidth

1.1 OBW

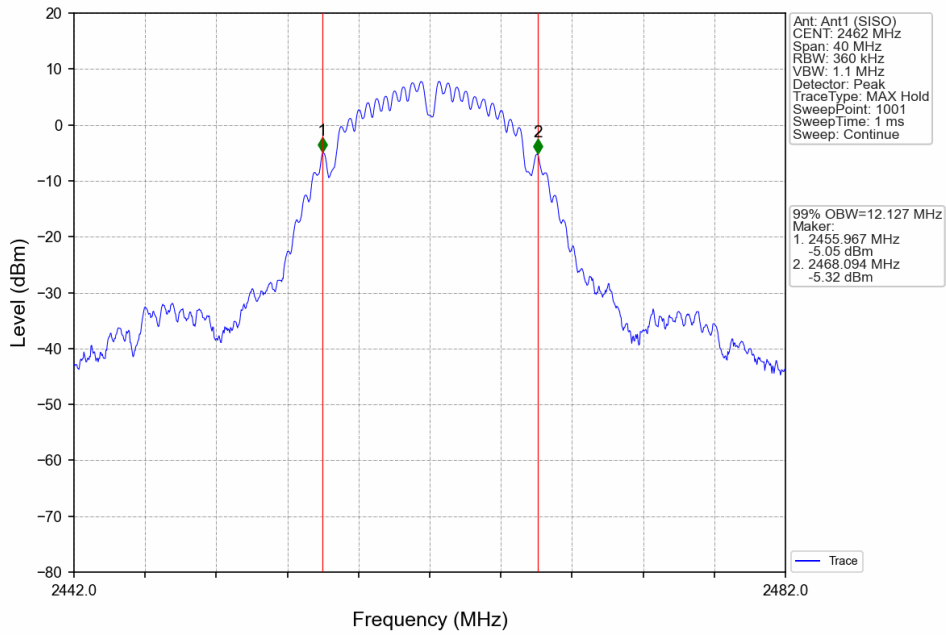
1.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	12.120	/	Pass
		2437	1	12.114	/	Pass
		2462	1	12.127	/	Pass
802.11g	SISO	2412	1	17.119	/	Pass
		2437	1	17.177	/	Pass
		2462	1	17.176	/	Pass
802.11n (HT20)	SISO	2412	1	17.864	/	Pass
		2437	1	17.888	/	Pass
		2462	1	17.941	/	Pass
802.11n (HT40)	SISO	2422	1	36.951	/	Pass
		2437	1	36.782	/	Pass
		2452	1	36.719	/	Pass

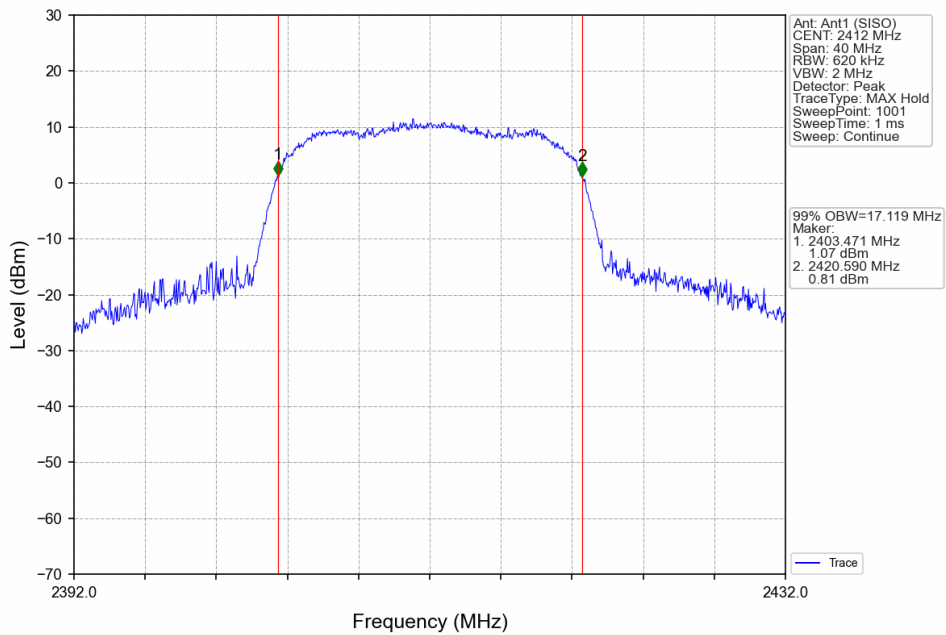
1.1.2 Test Graph



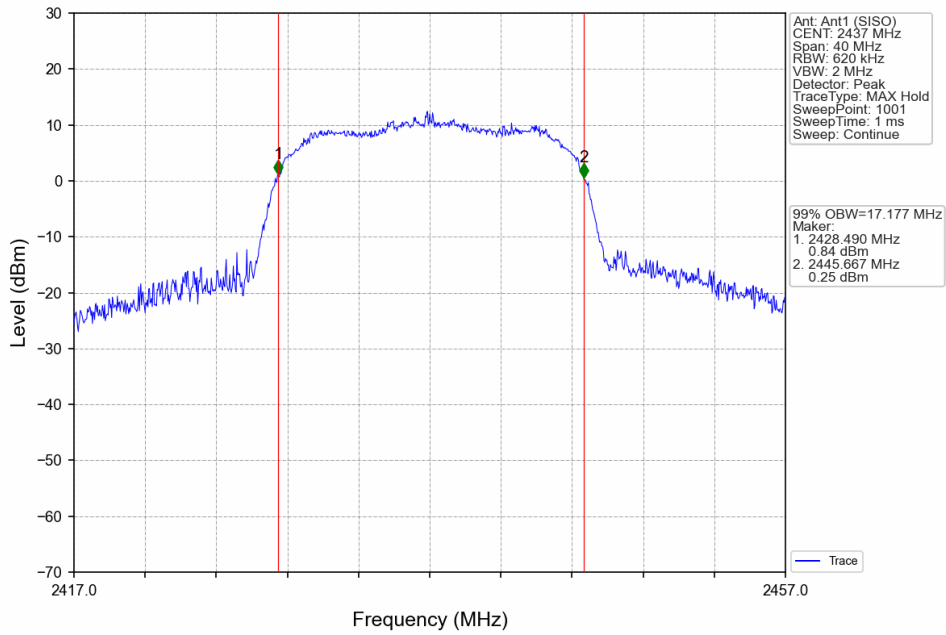
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



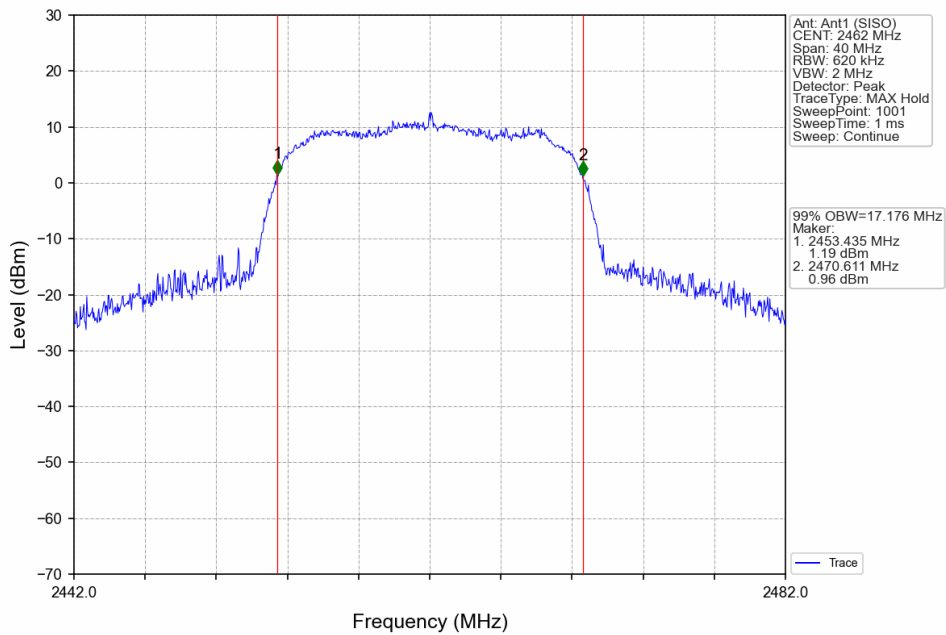
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



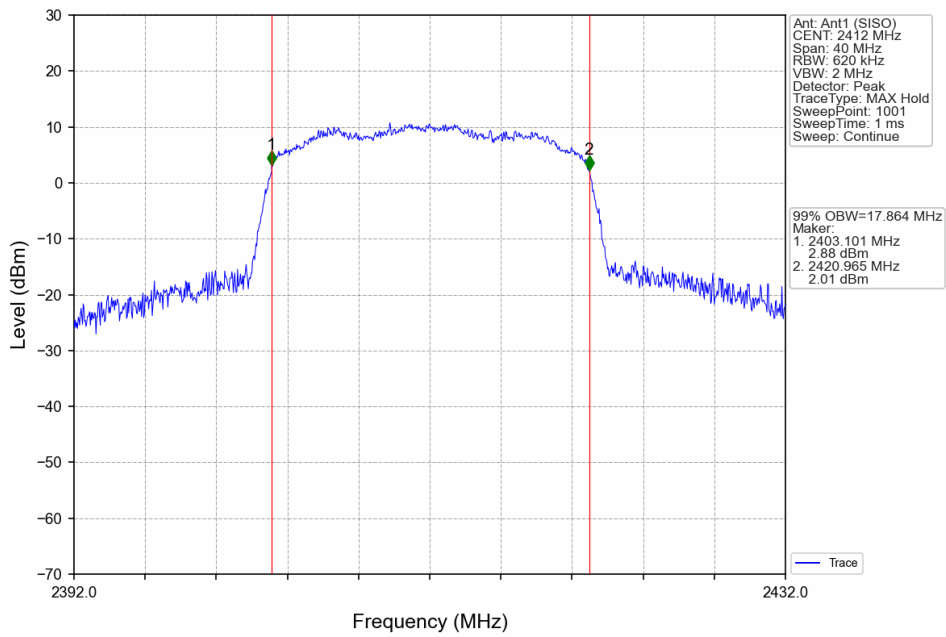
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



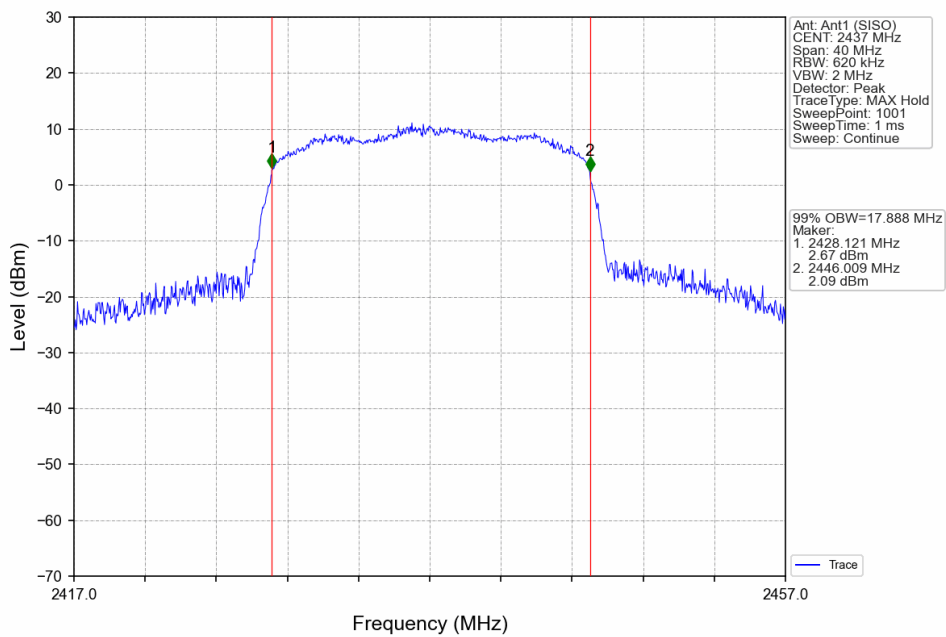
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



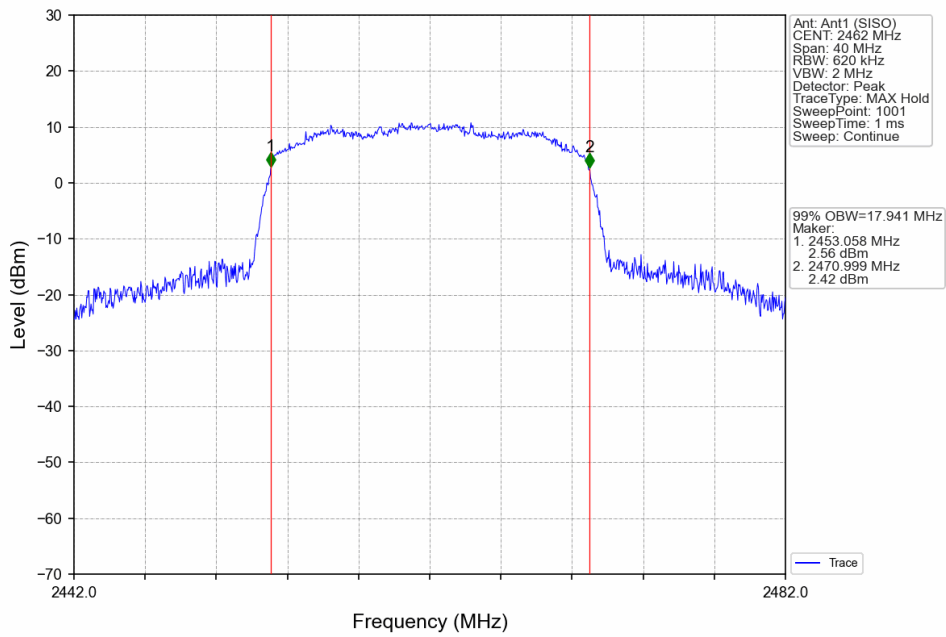
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



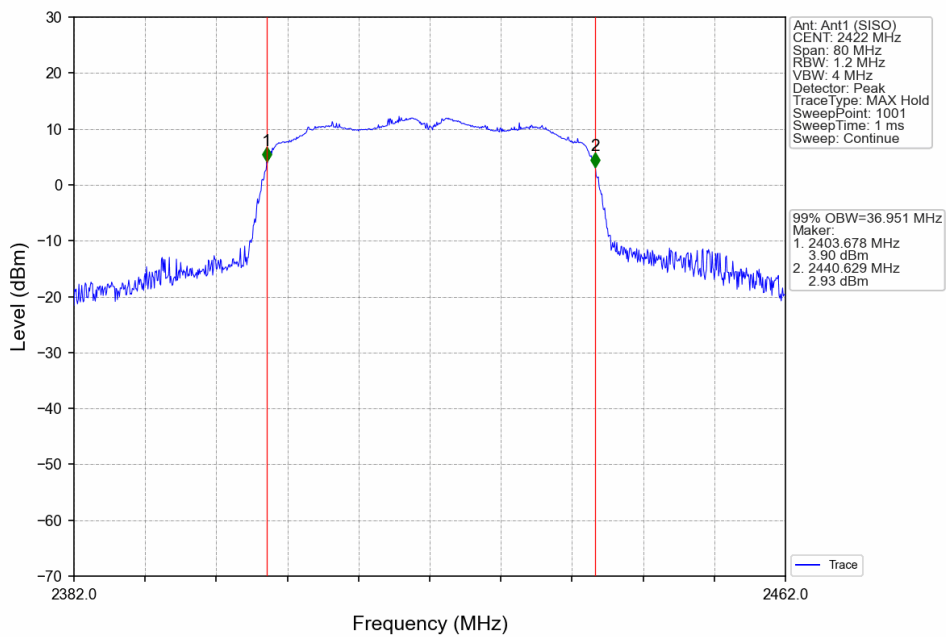
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



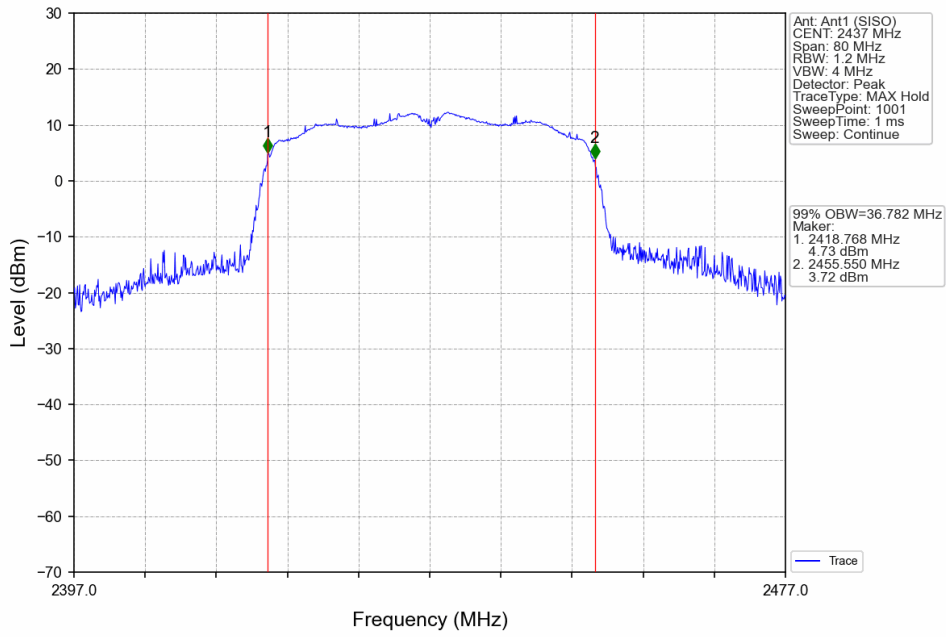
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



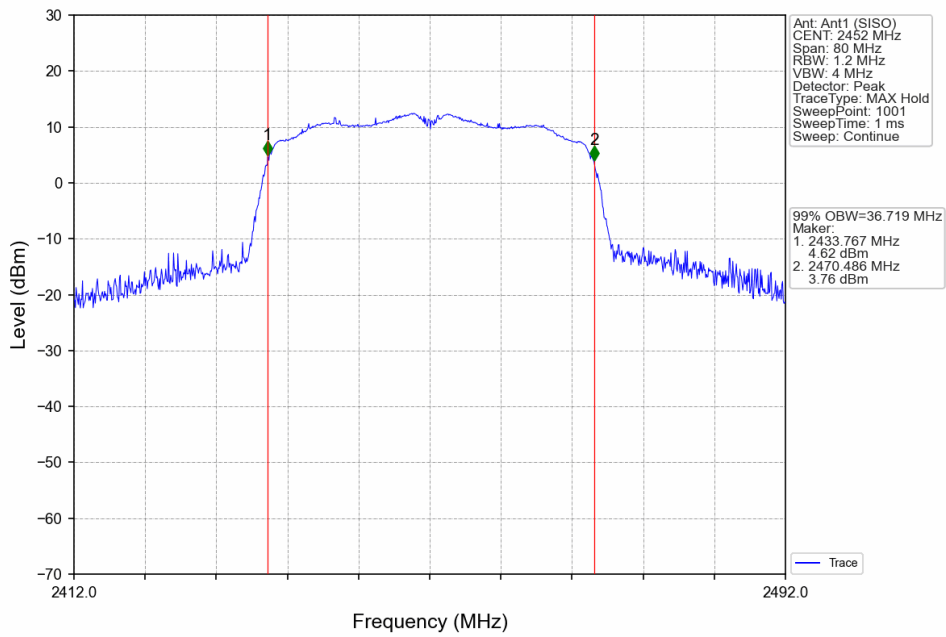
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

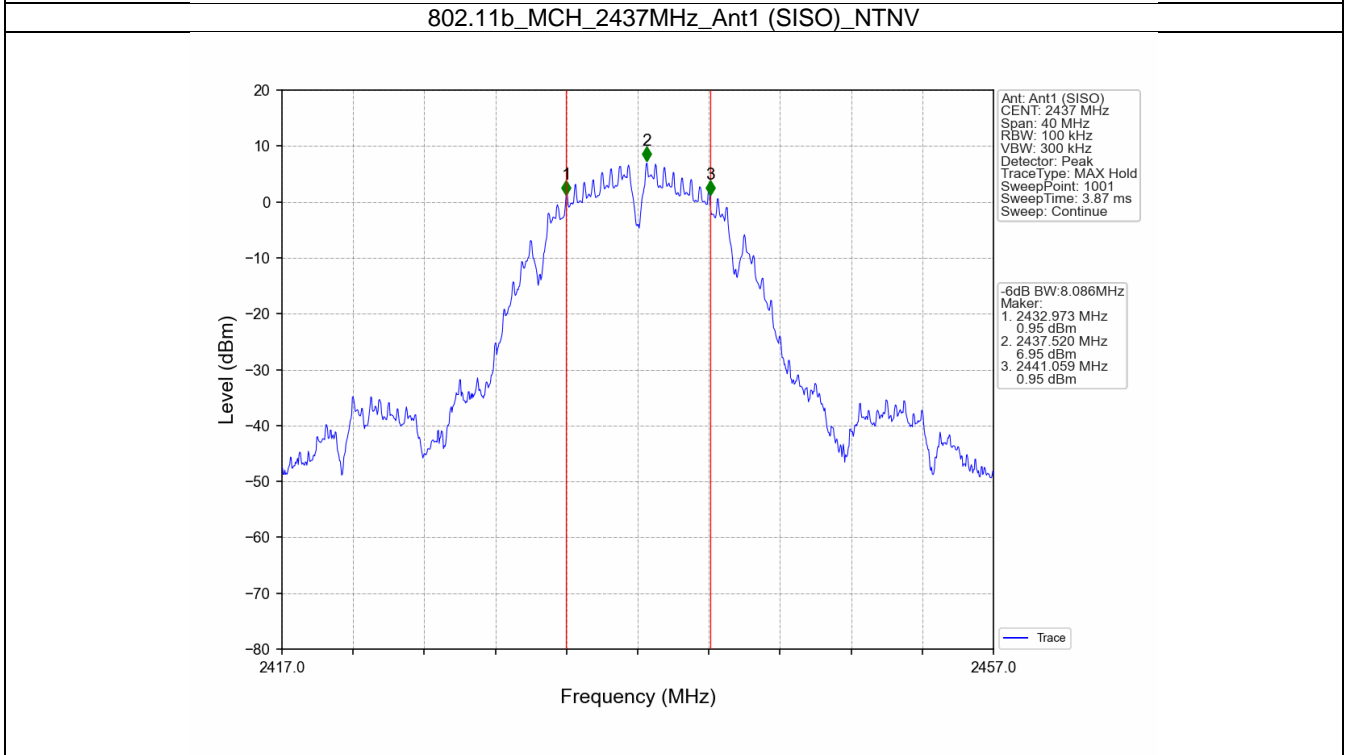
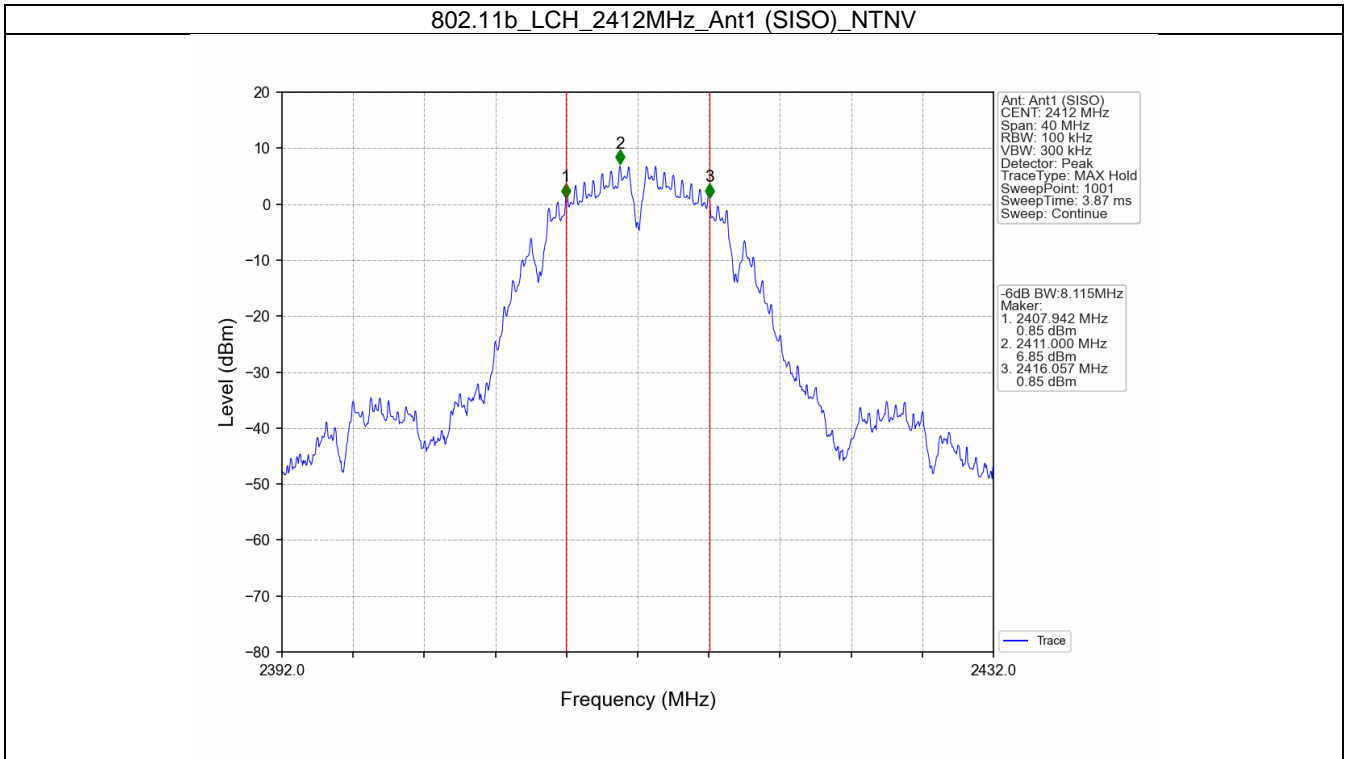


1.2 6dB BW

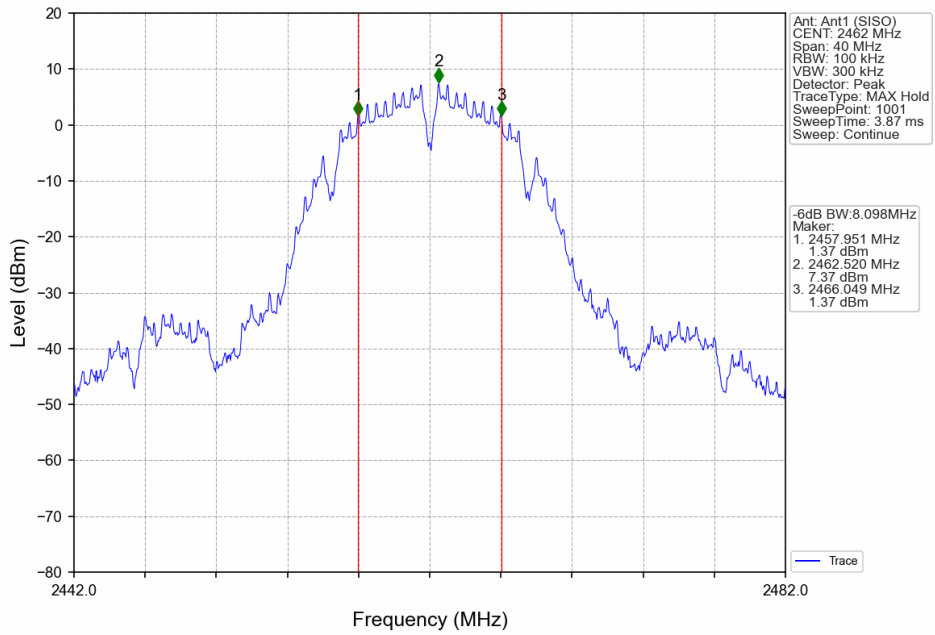
1.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.115	>=0.5	Pass
		2437	1	8.086	>=0.5	Pass
		2462	1	8.098	>=0.5	Pass
802.11g	SISO	2412	1	15.143	>=0.5	Pass
		2437	1	15.143	>=0.5	Pass
		2462	1	15.147	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	15.146	>=0.5	Pass
		2437	1	15.140	>=0.5	Pass
		2462	1	15.151	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	35.159	>=0.5	Pass
		2437	1	35.145	>=0.5	Pass
		2452	1	35.138	>=0.5	Pass

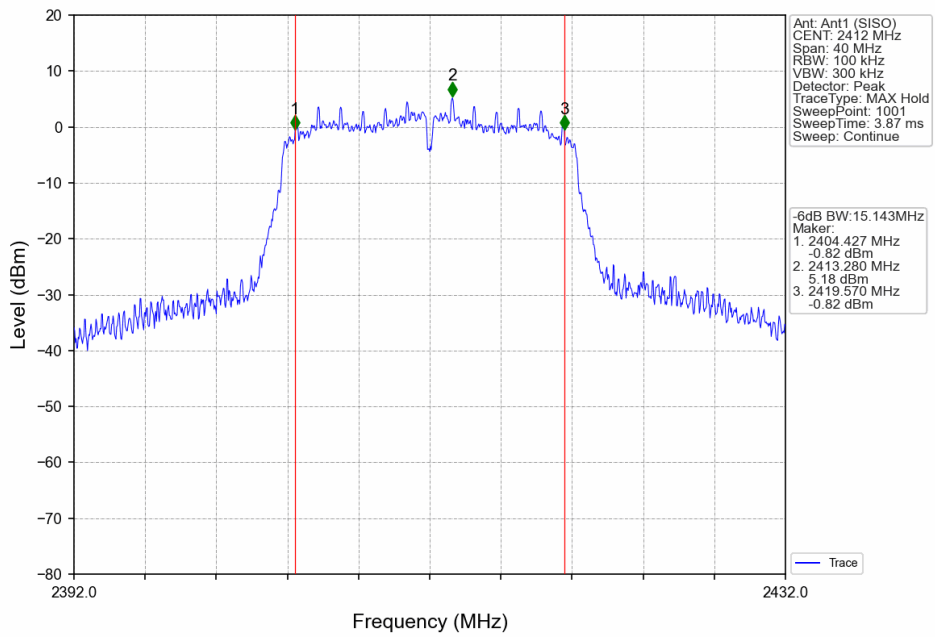
1.2.2 Test Graph



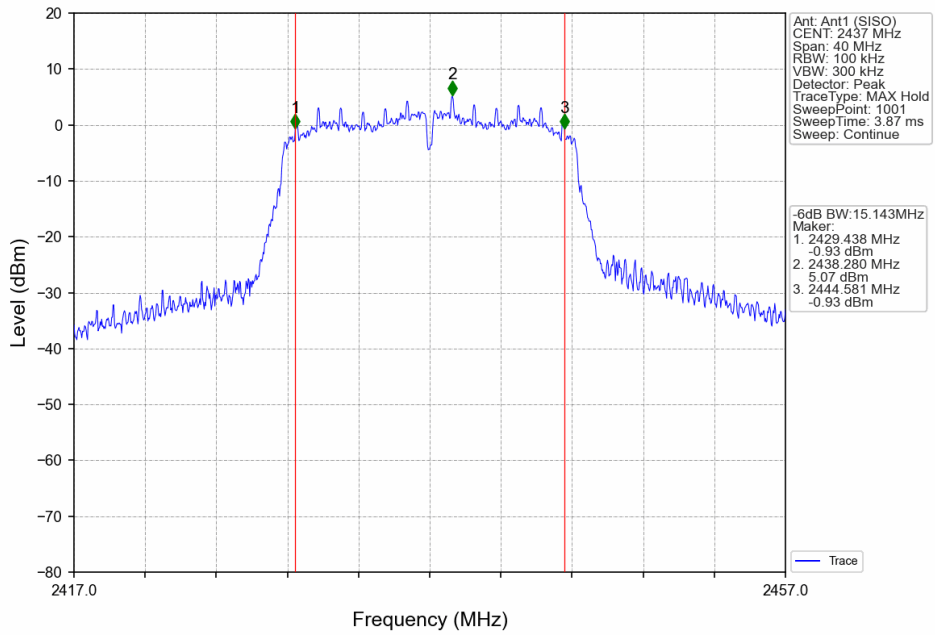
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



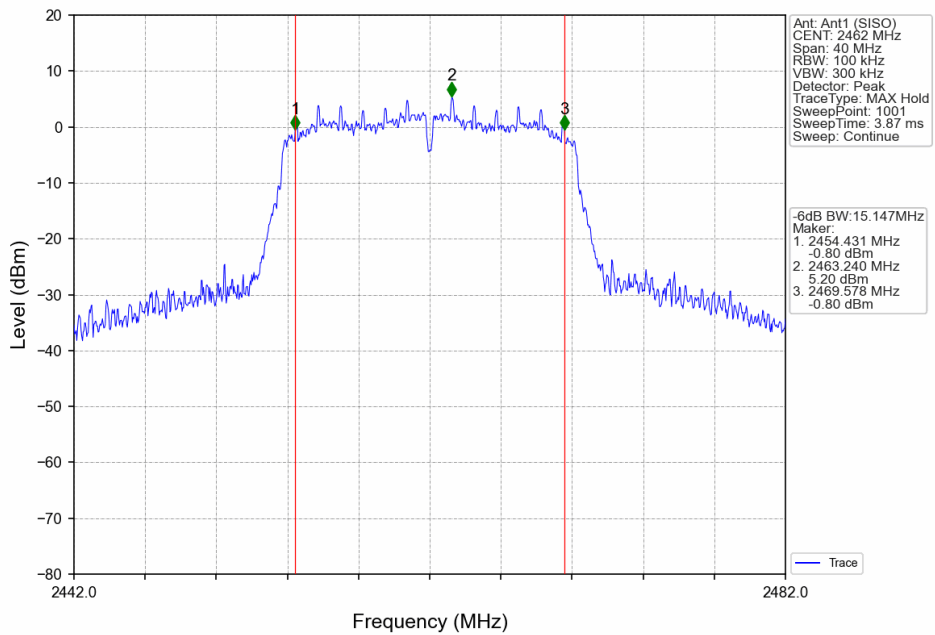
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



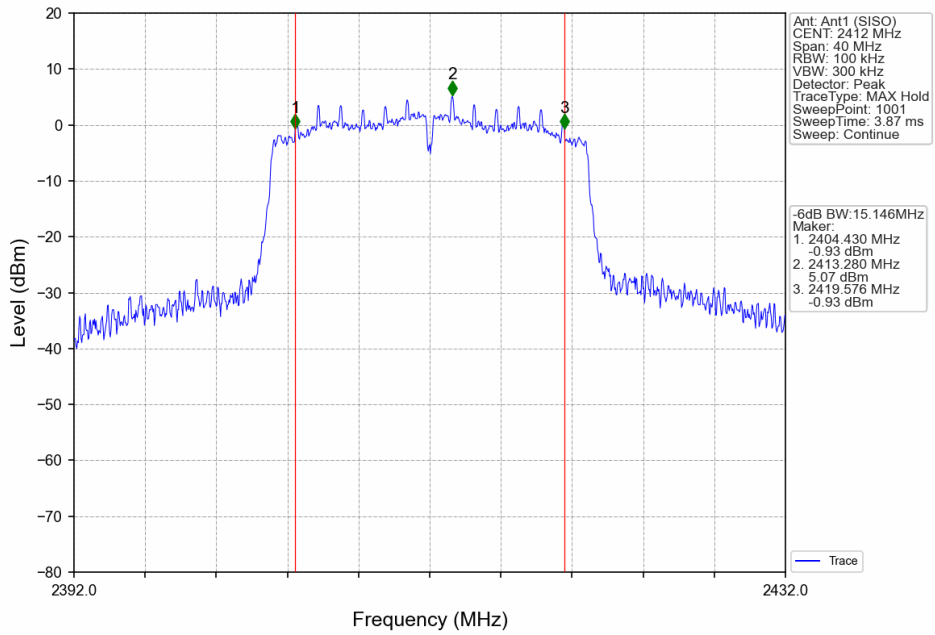
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



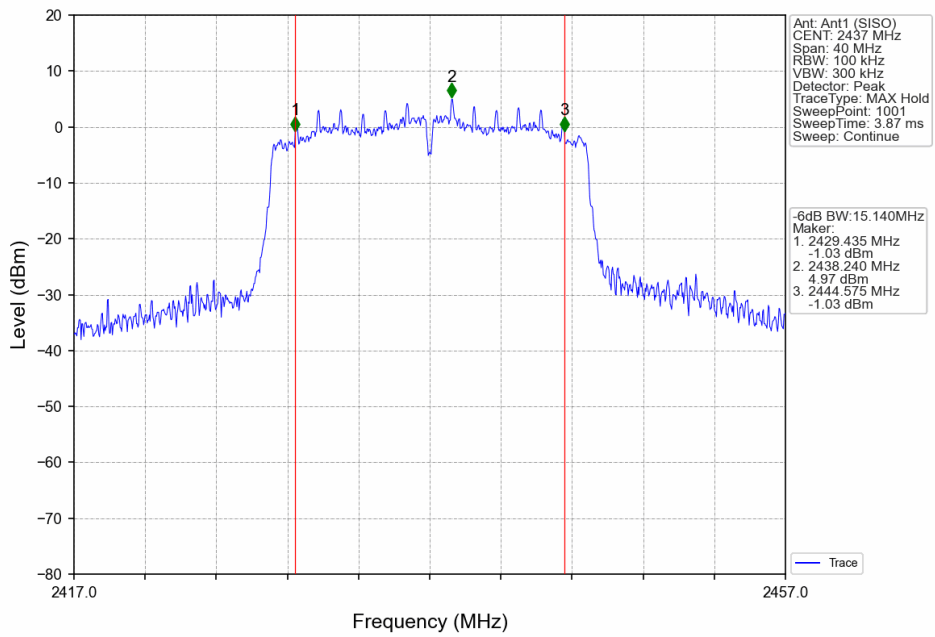
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



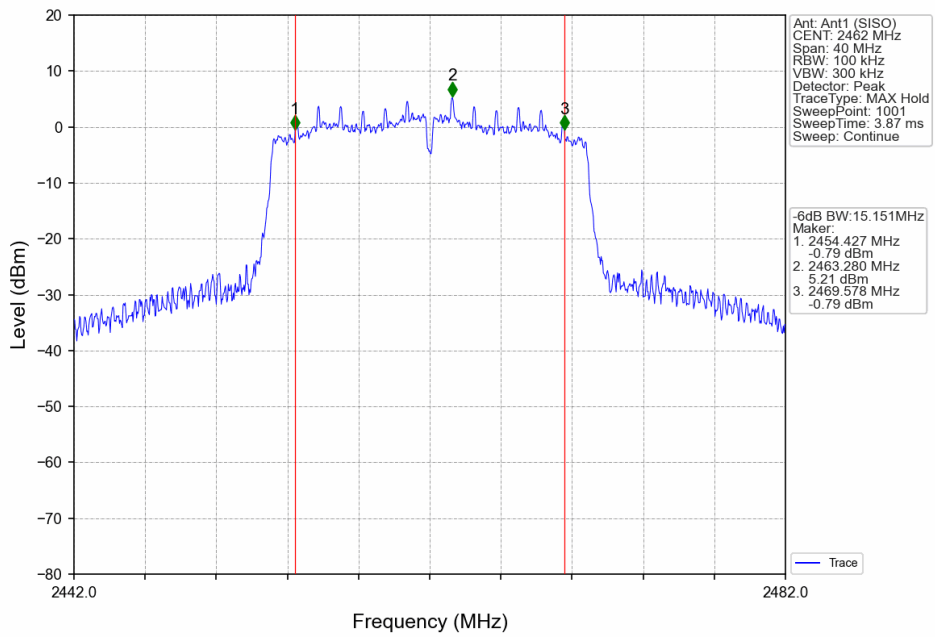
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



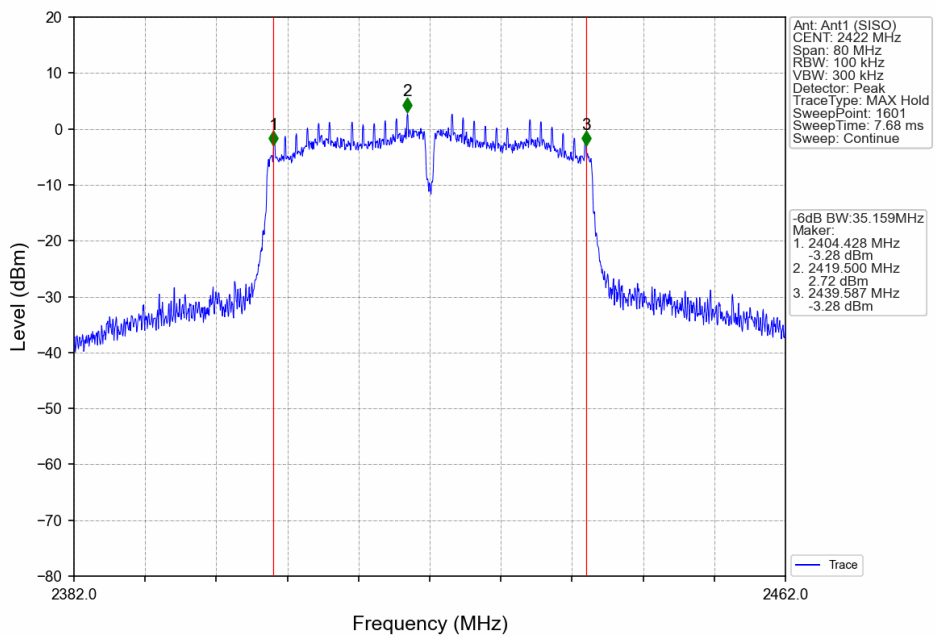
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



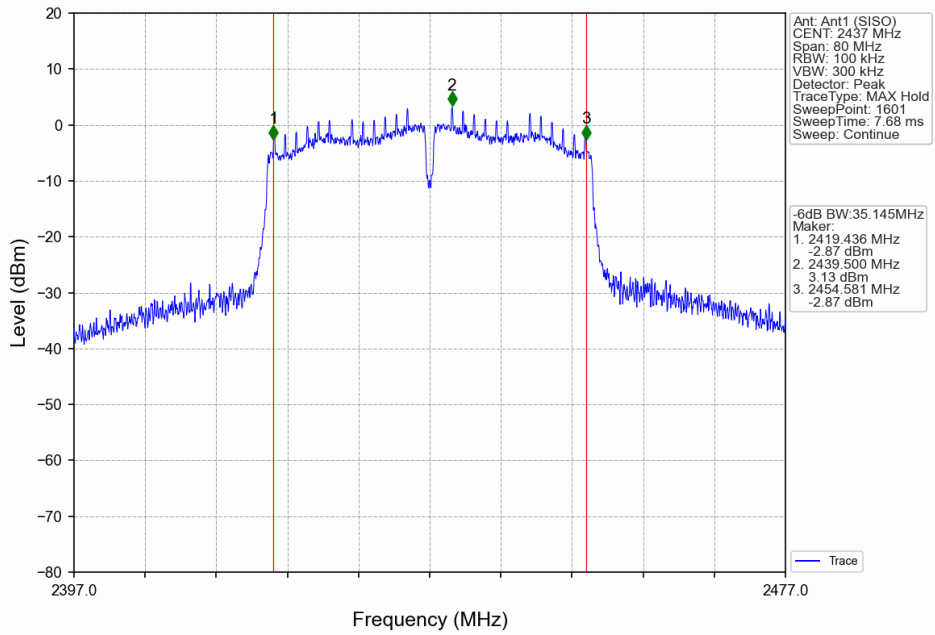
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



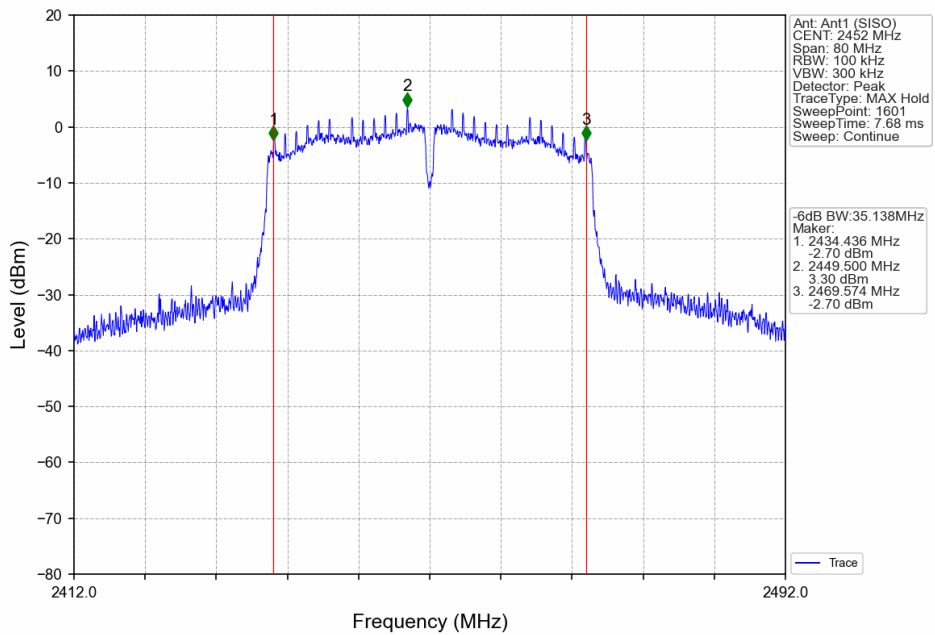
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Maximum Conducted Output Power

2.1 Power

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	14.75	<=30	Pass
		2437	14.55	<=30	Pass
		2462	14.98	<=30	Pass
802.11g	SISO	2412	14.86	<=30	Pass
		2437	14.82	<=30	Pass
		2462	15.13	<=30	Pass
802.11n (HT20)	SISO	2412	14.65	<=30	Pass
		2437	14.67	<=30	Pass
		2462	14.95	<=30	Pass
802.11n (HT40)	SISO	2422	15.56	<=30	Pass
		2437	16.06	<=30	Pass
		2452	15.87	<=30	Pass

Note1: Antenna Gain: Ant1: 2.85dBi;

3. Maximum Power Spectral Density

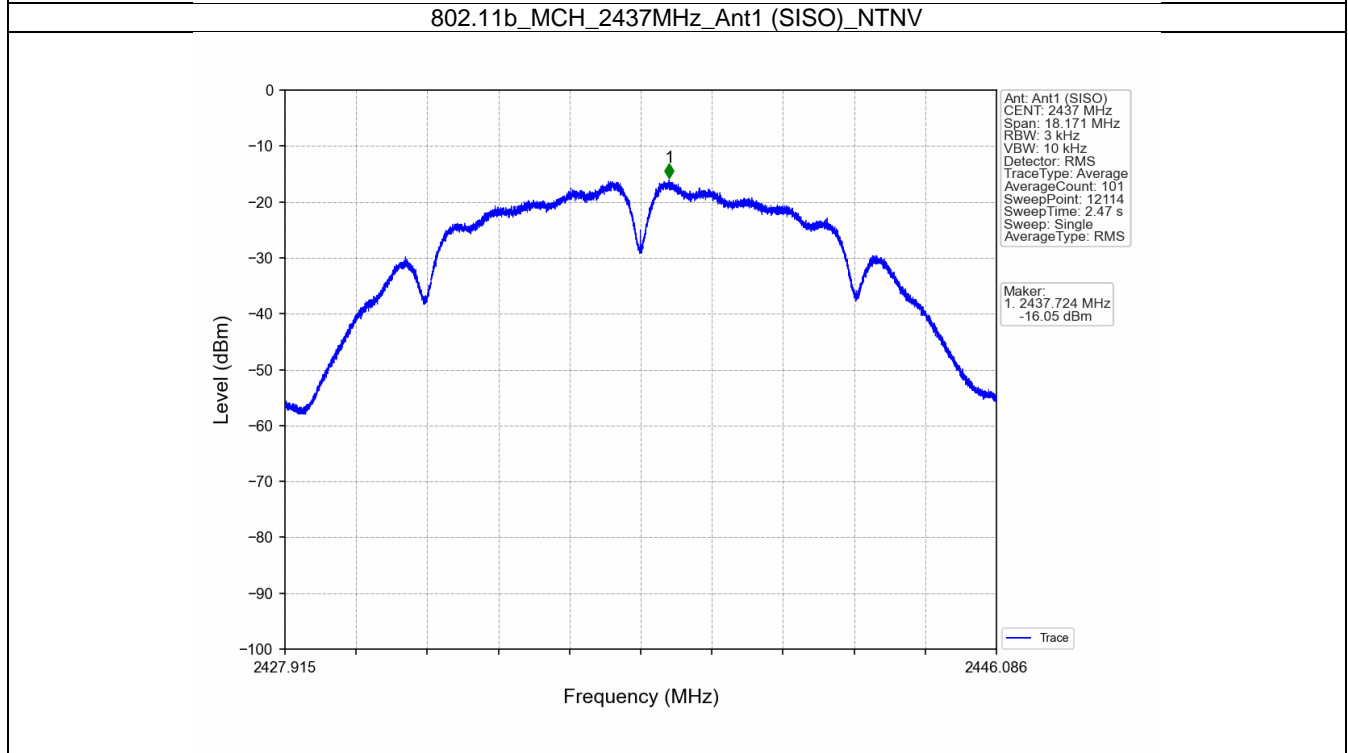
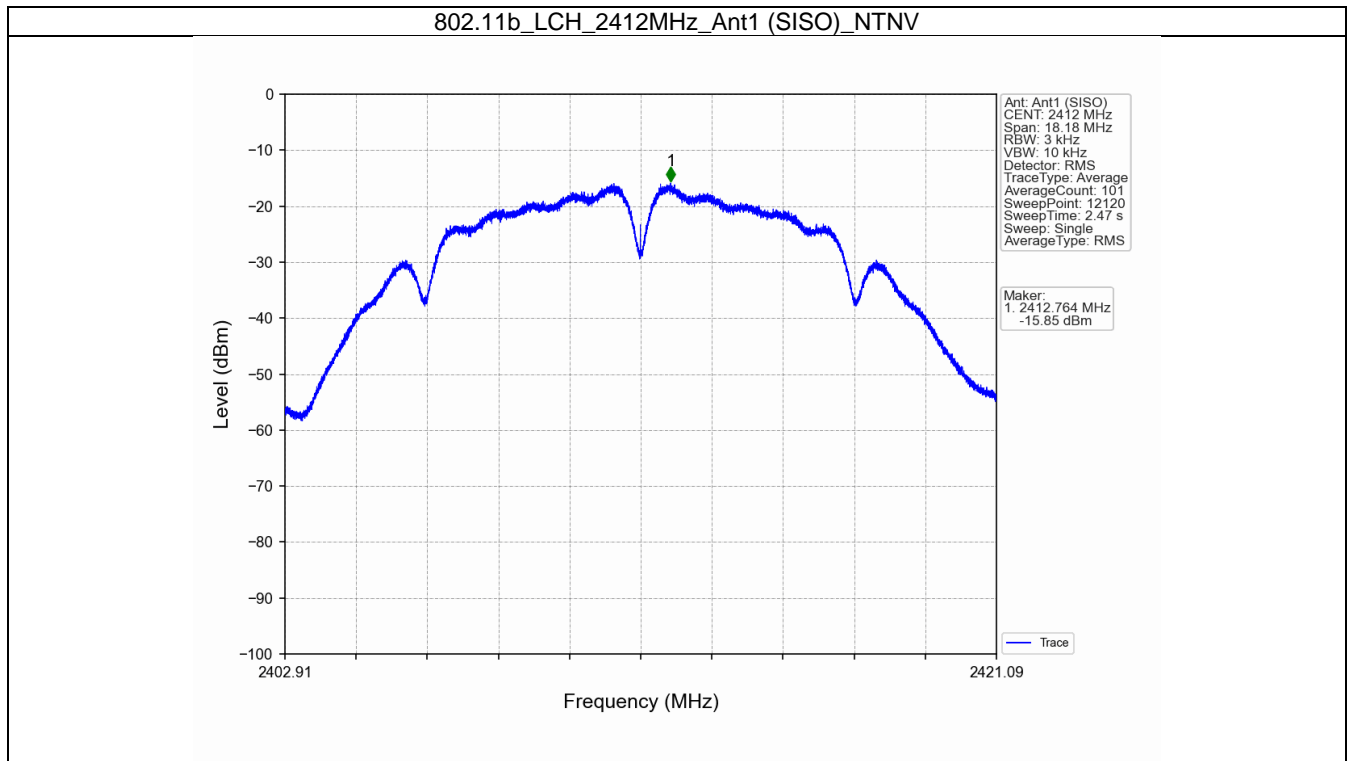
3.1 PSD

3.1.1 Test Result

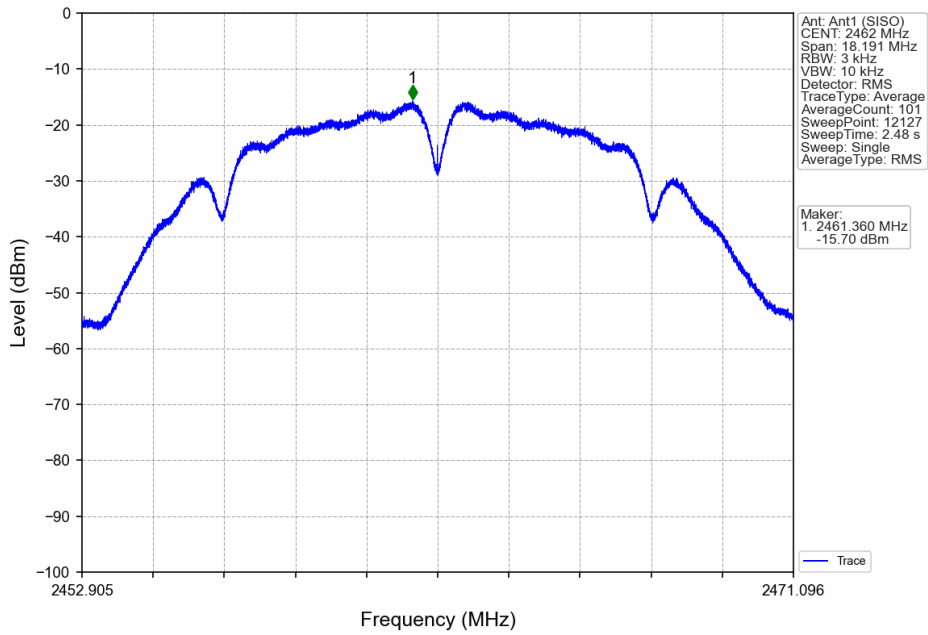
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-15.85	<=8	Pass
		2437	-16.05	<=8	Pass
		2462	-15.70	<=8	Pass
802.11g	SISO	2412	-17.83	<=8	Pass
		2437	-17.82	<=8	Pass
		2462	-17.37	<=8	Pass
802.11n (HT20)	SISO	2412	-17.93	<=8	Pass
		2437	-18.34	<=8	Pass
		2462	-17.96	<=8	Pass
802.11n (HT40)	SISO	2422	-19.14	<=8	Pass
		2437	-13.21	<=8	Pass
		2452	-18.59	<=8	Pass

Note1: Antenna Gain: Ant1: 2.85dBi;

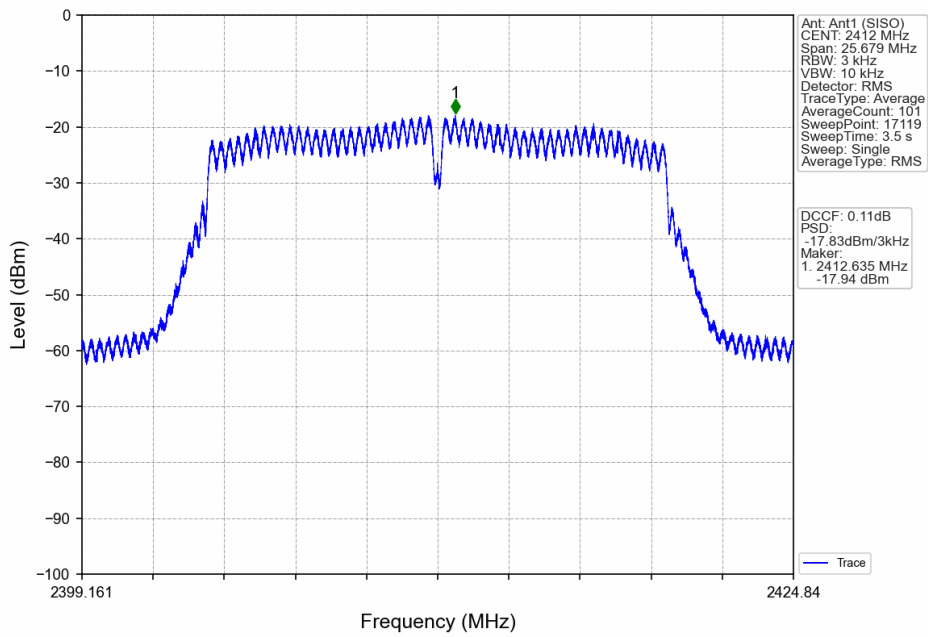
3.1.2 Test Graph



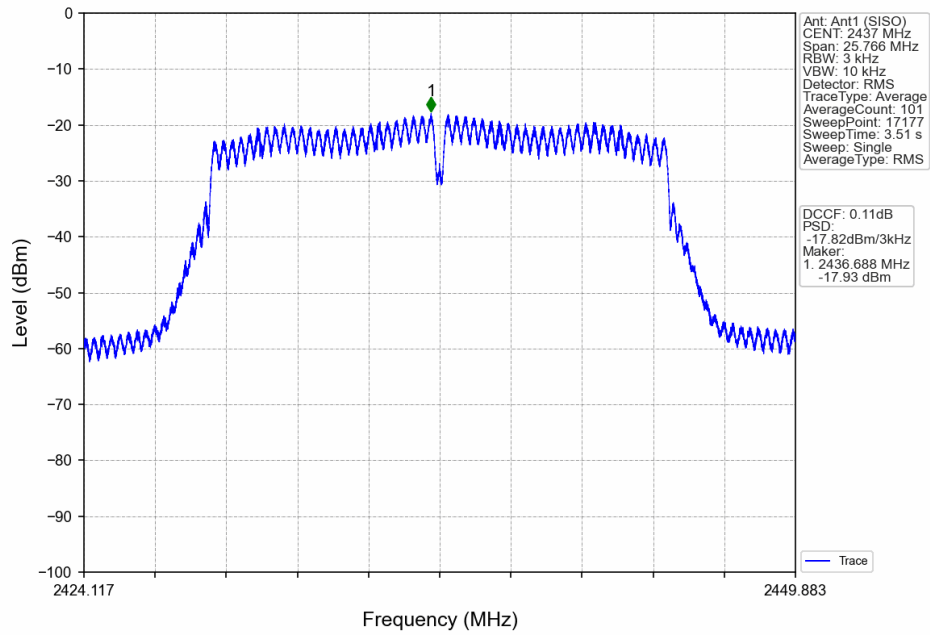
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



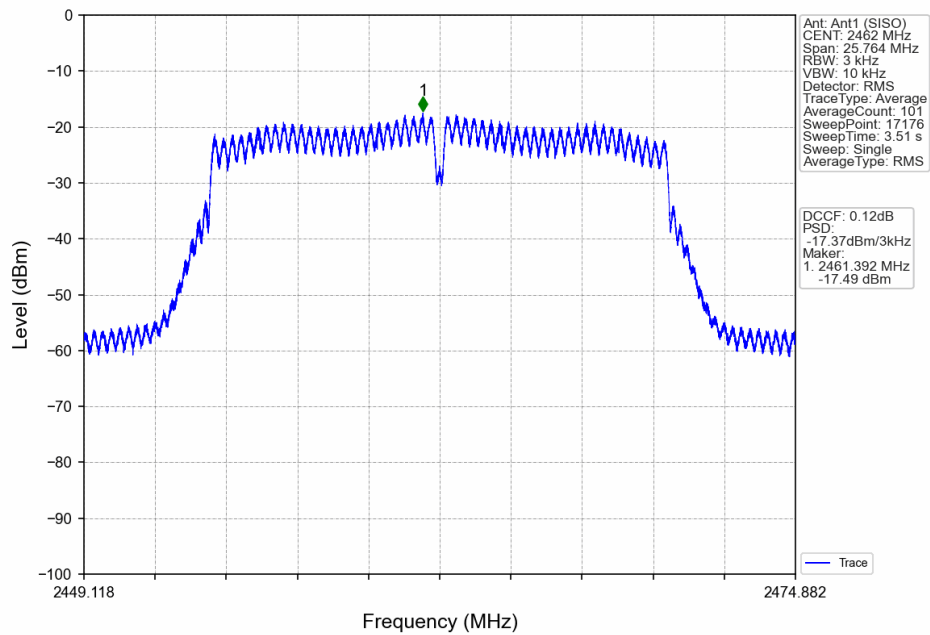
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



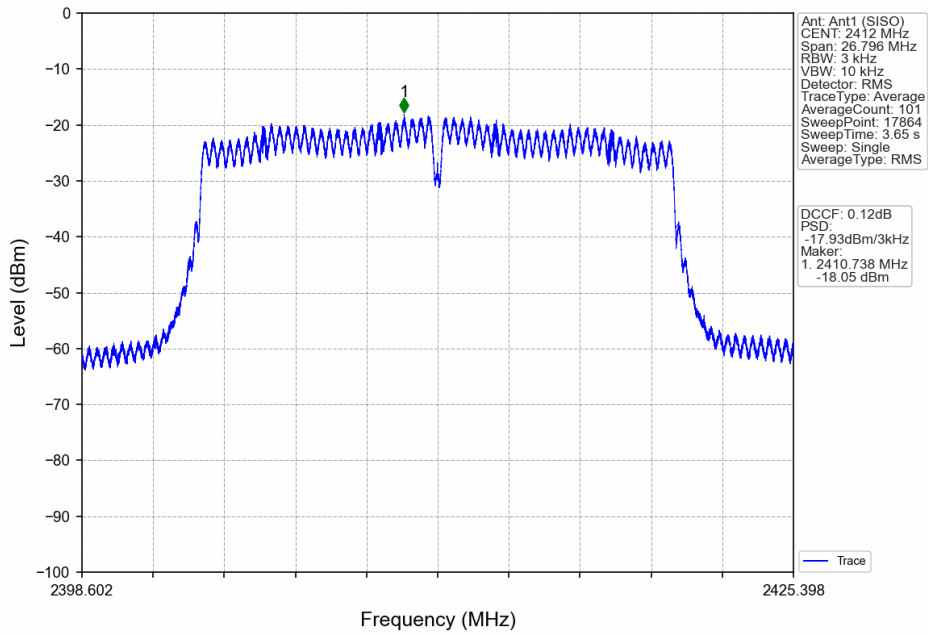
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



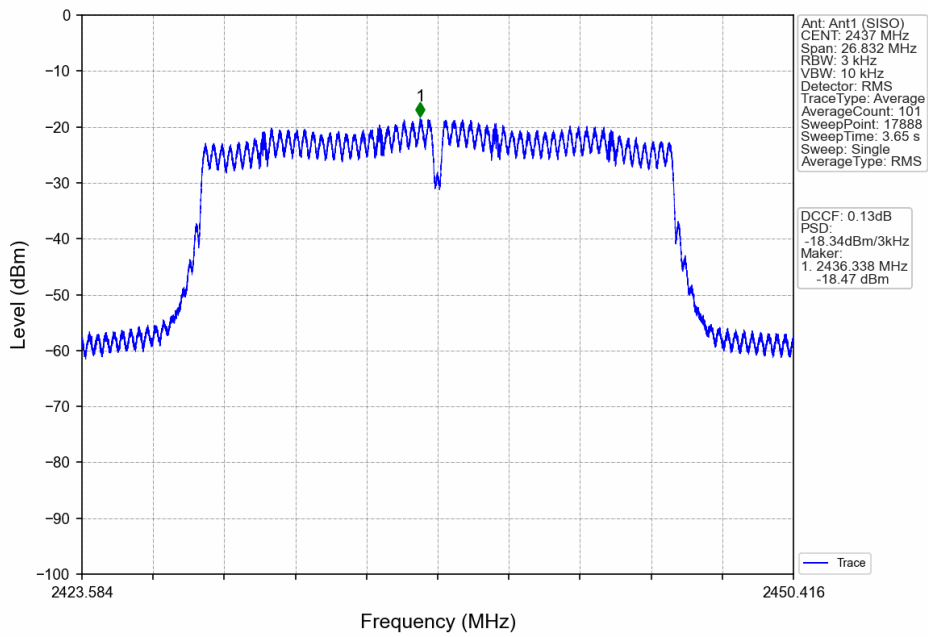
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



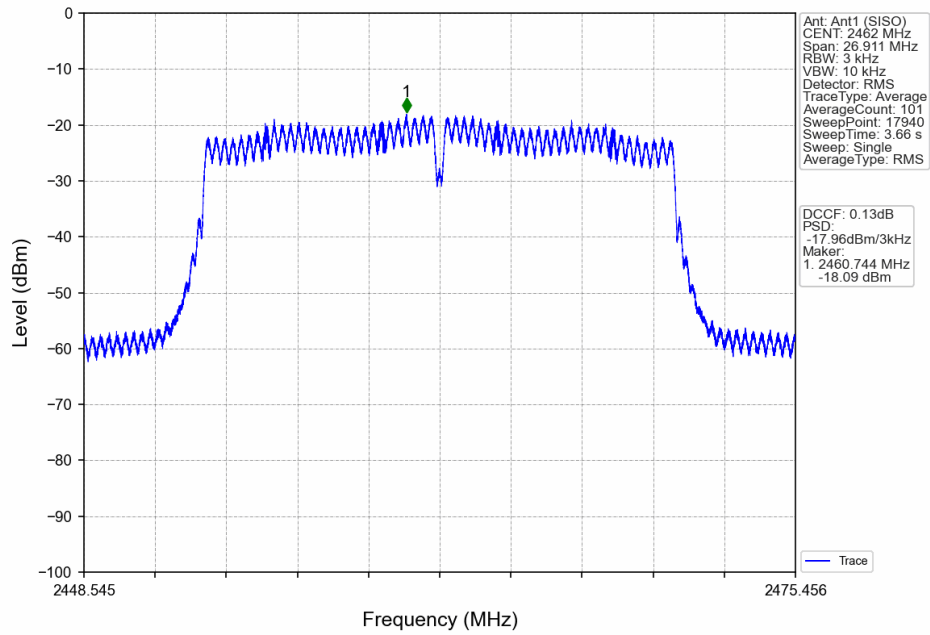
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



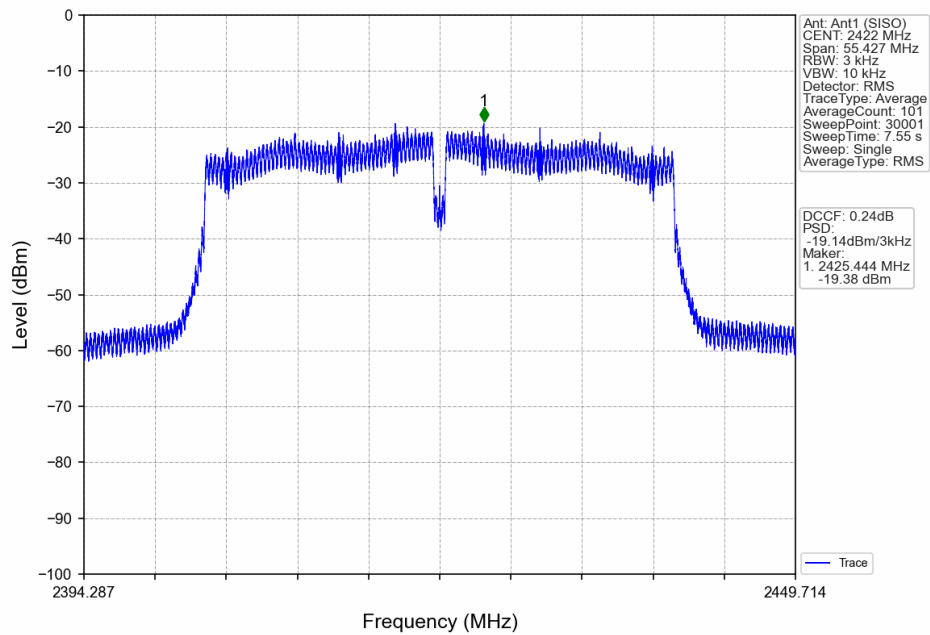
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



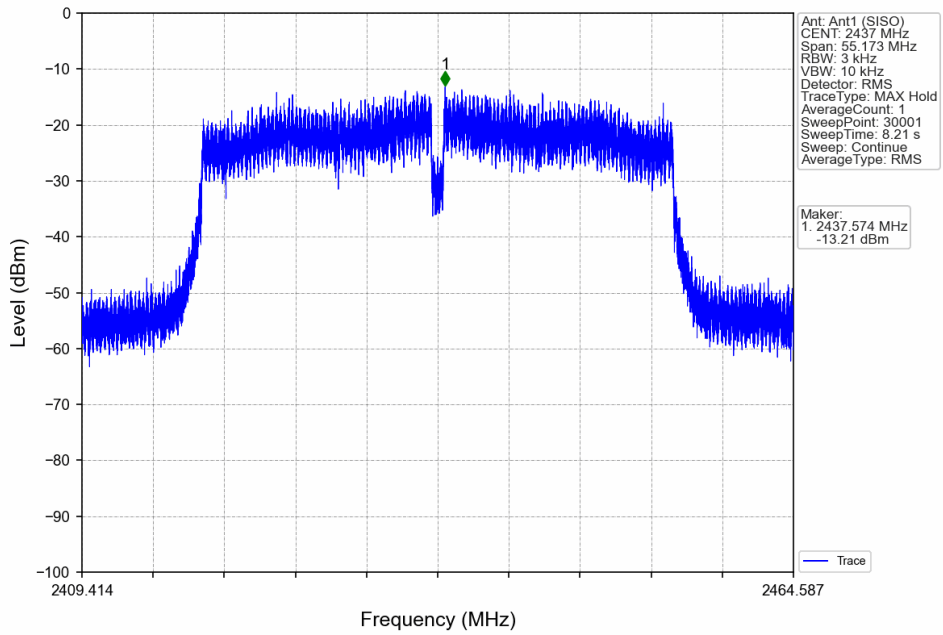
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



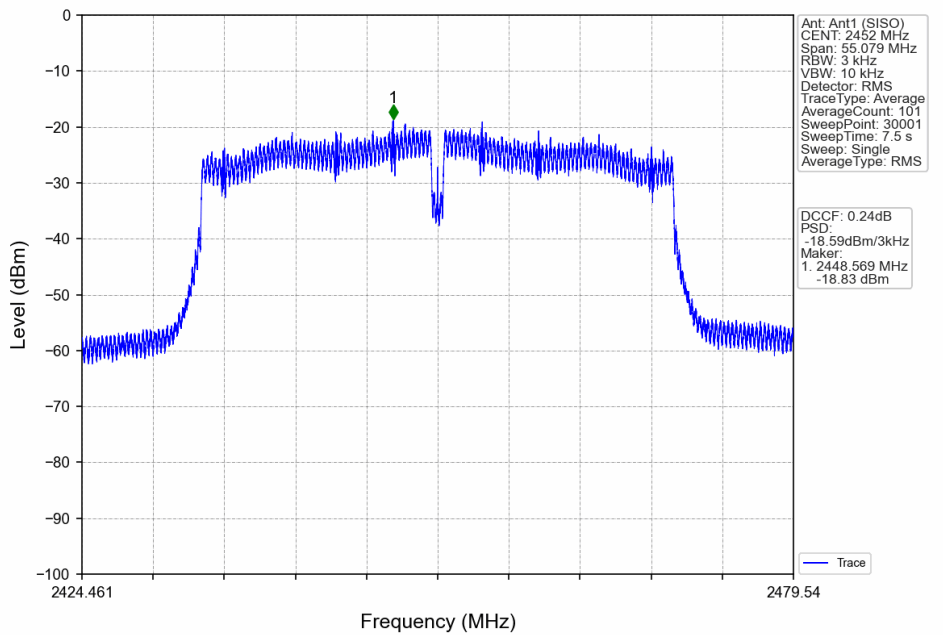
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



4. Unwanted Emissions In Non-restricted Frequency Bands

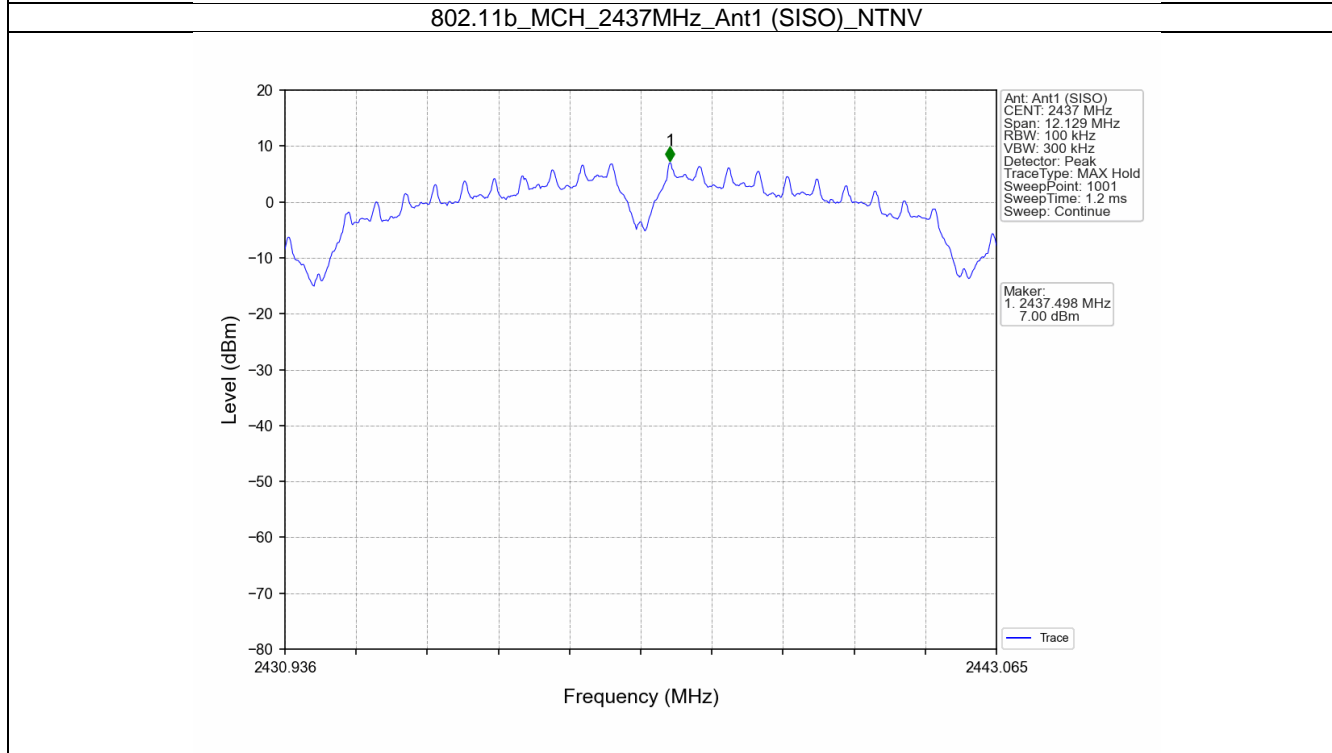
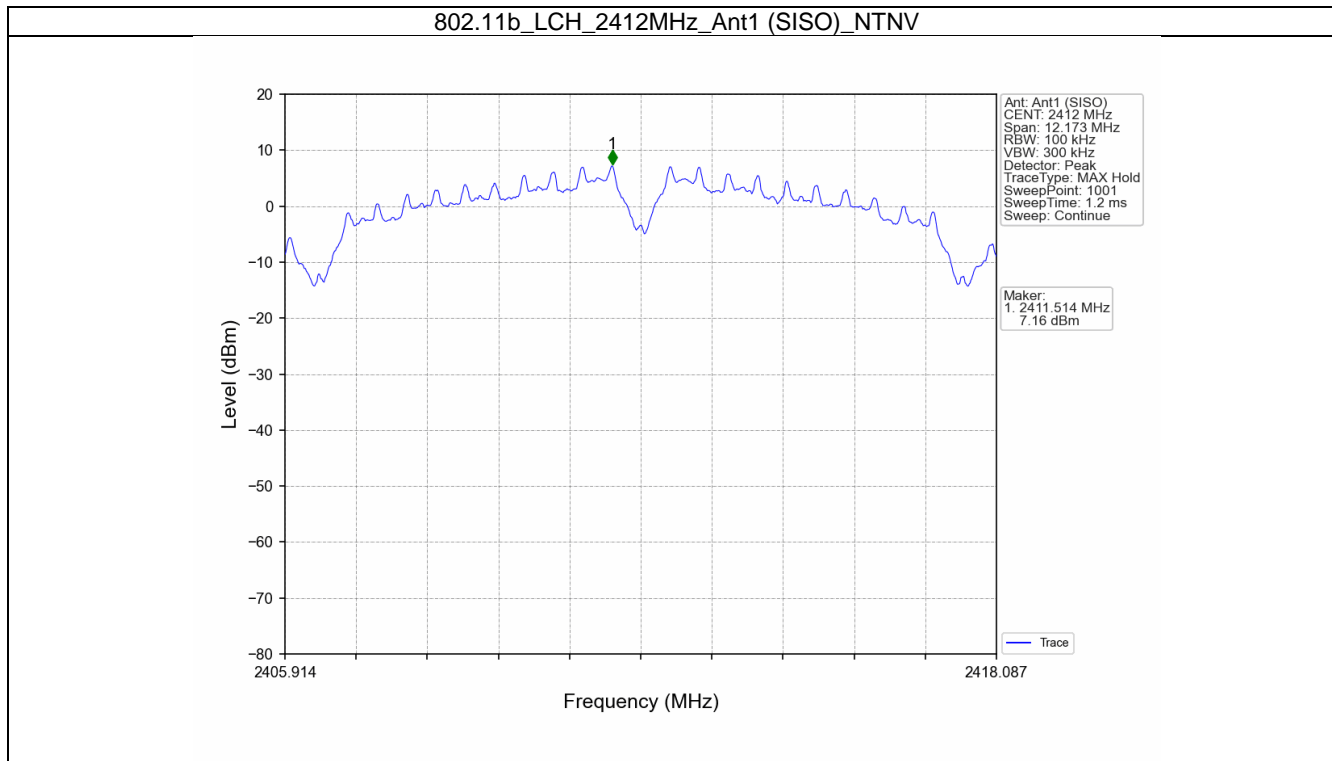
4.1 Ref

4.1.1 Test Result

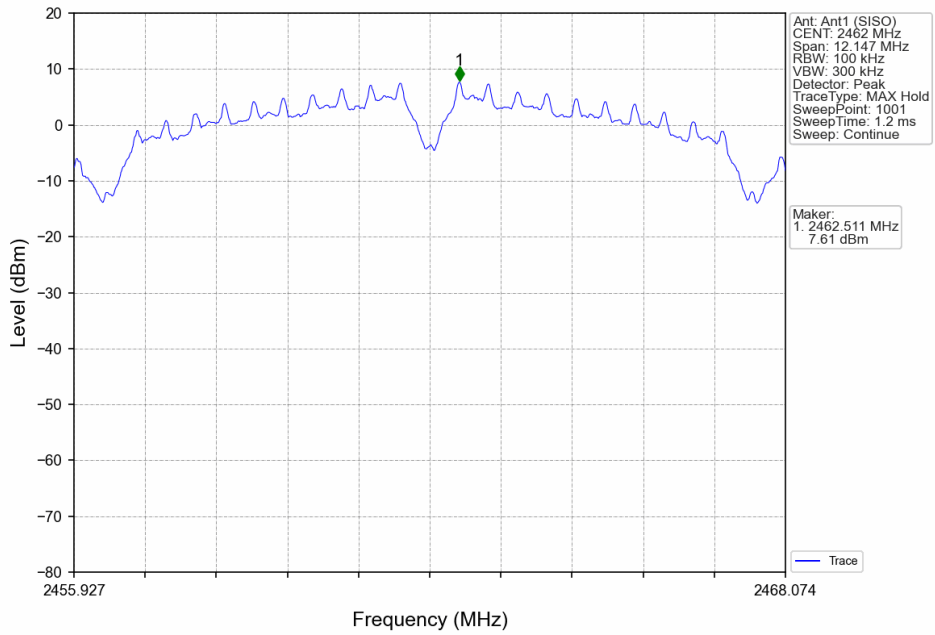
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	7.16
		2437	1	7.00
		2462	1	7.61
802.11g	SISO	2412	1	4.35
		2437	1	5.03
		2462	1	5.32
802.11n (HT20)	SISO	2412	1	4.95
		2437	1	5.01
		2462	1	4.45
802.11n (HT40)	SISO	2422	1	2.75
		2437	1	3.15
		2452	1	3.37

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

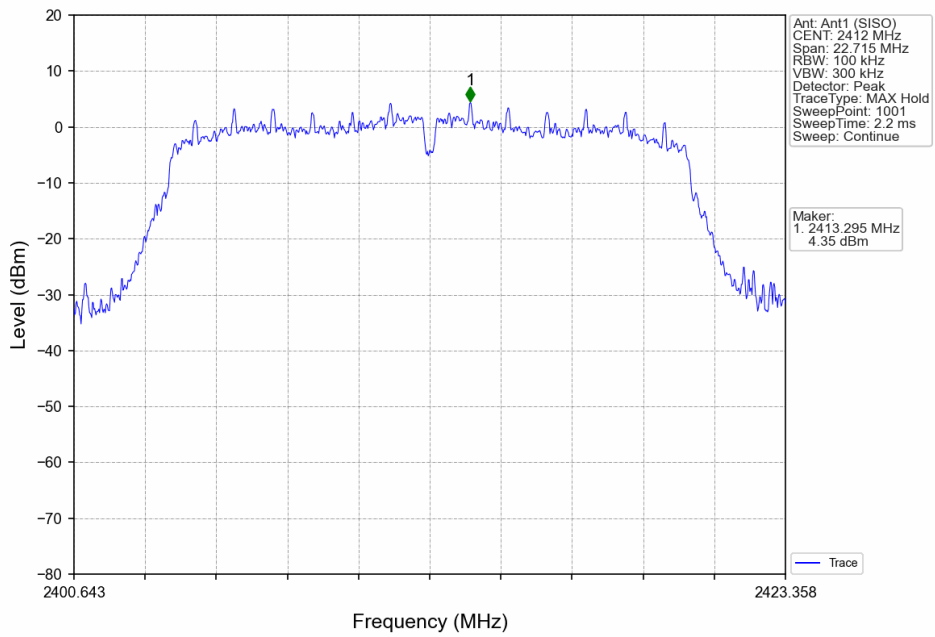
4.1.2 Test Graph



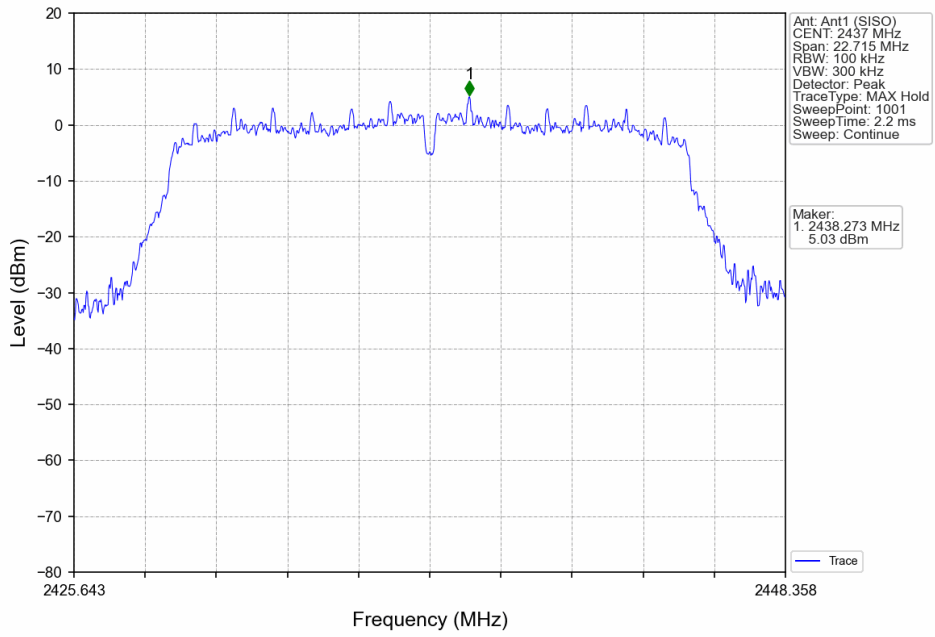
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



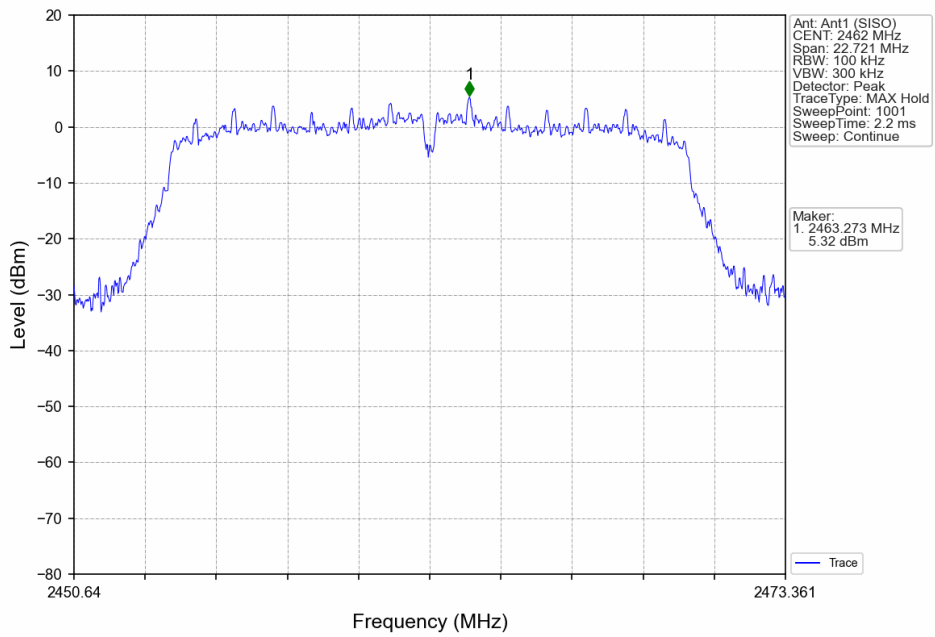
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



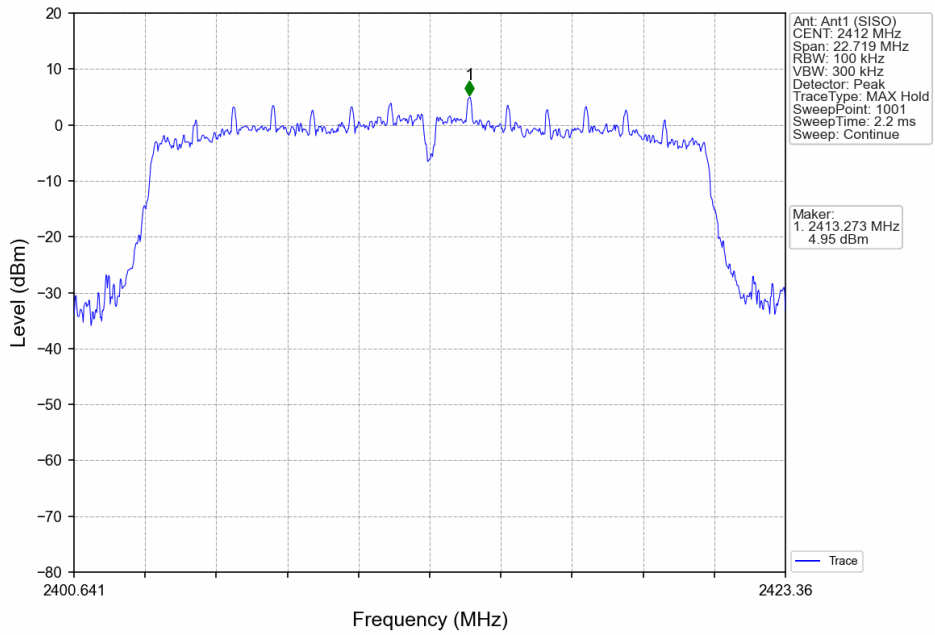
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



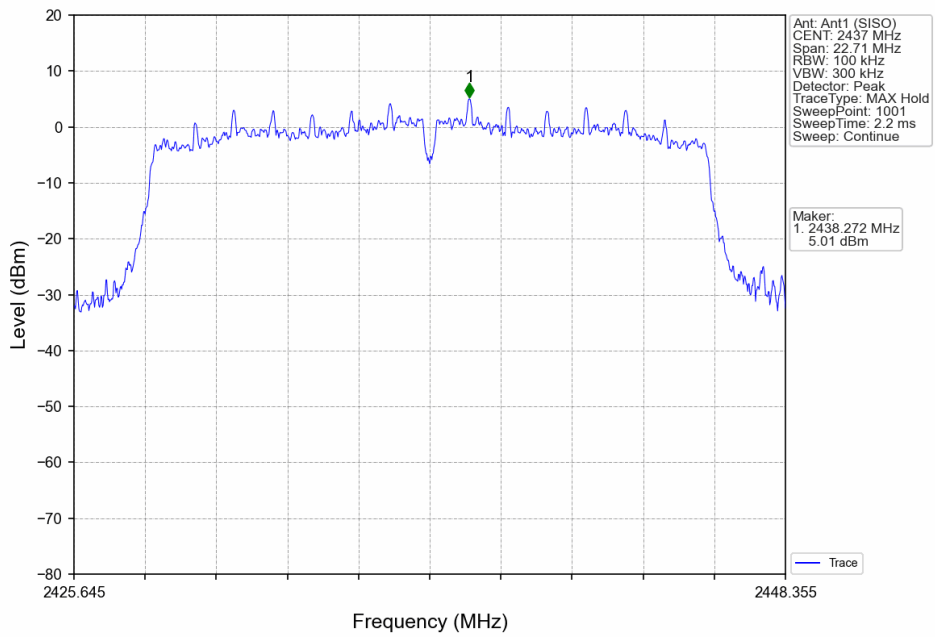
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



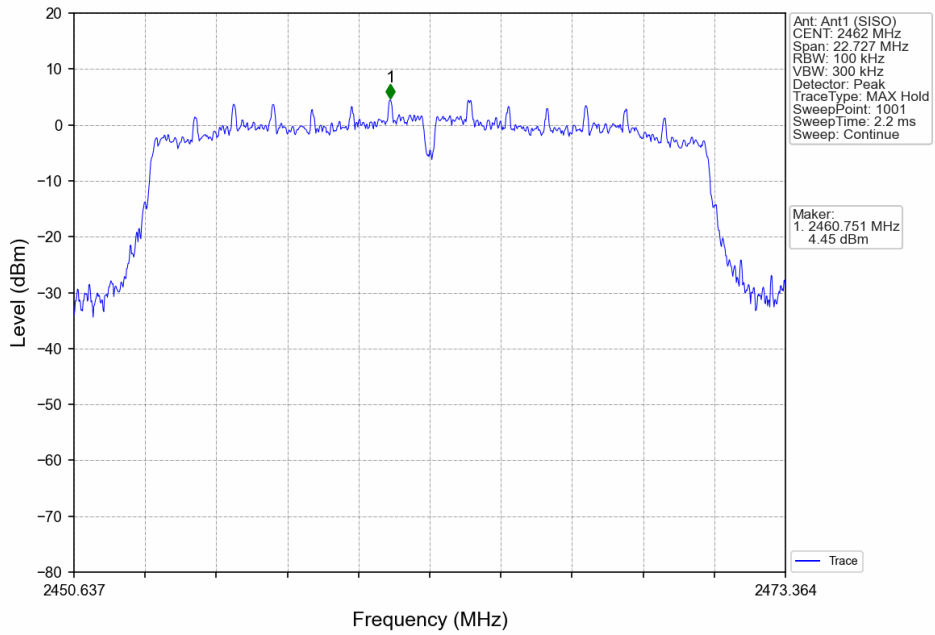
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



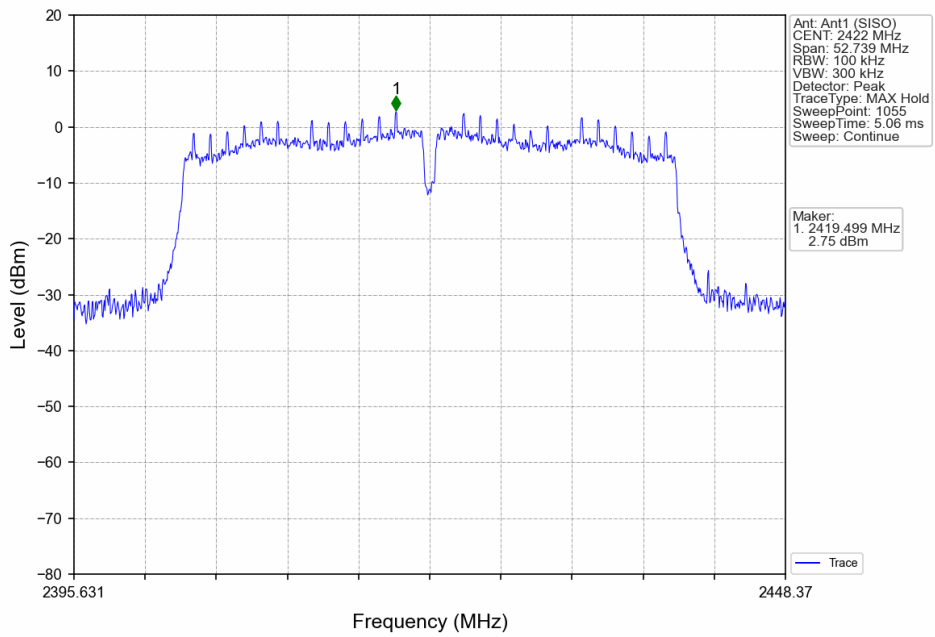
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



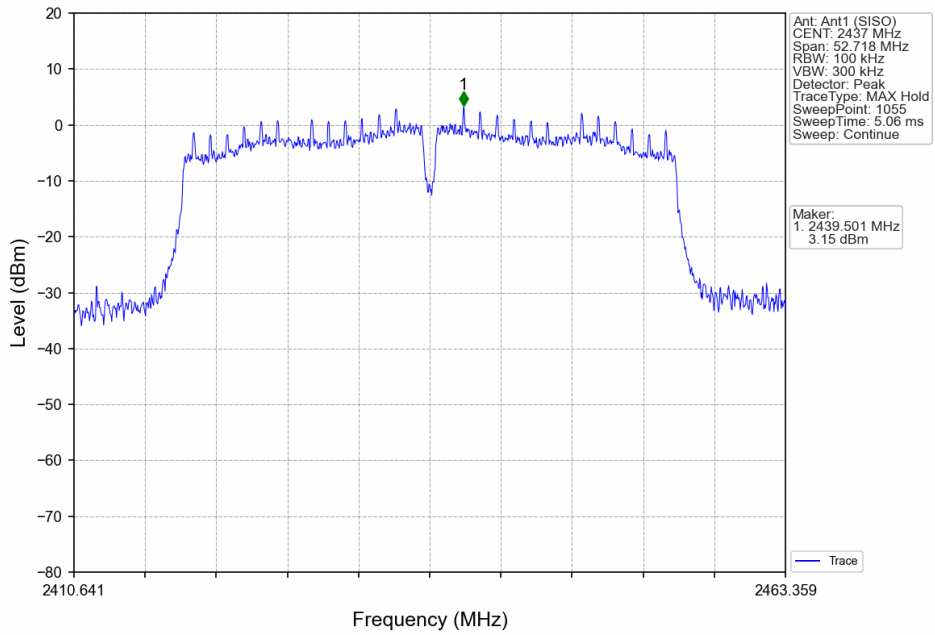
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



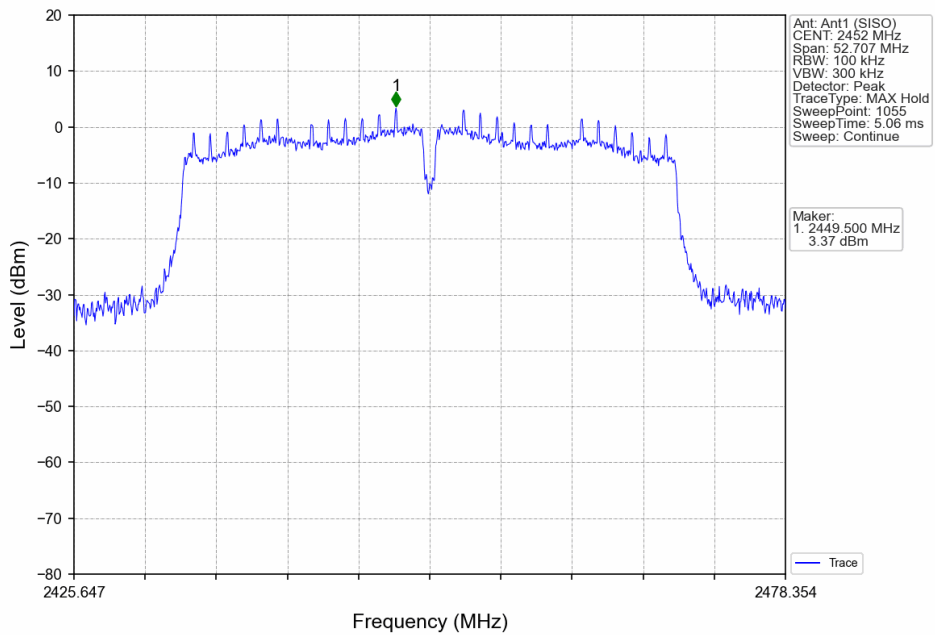
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



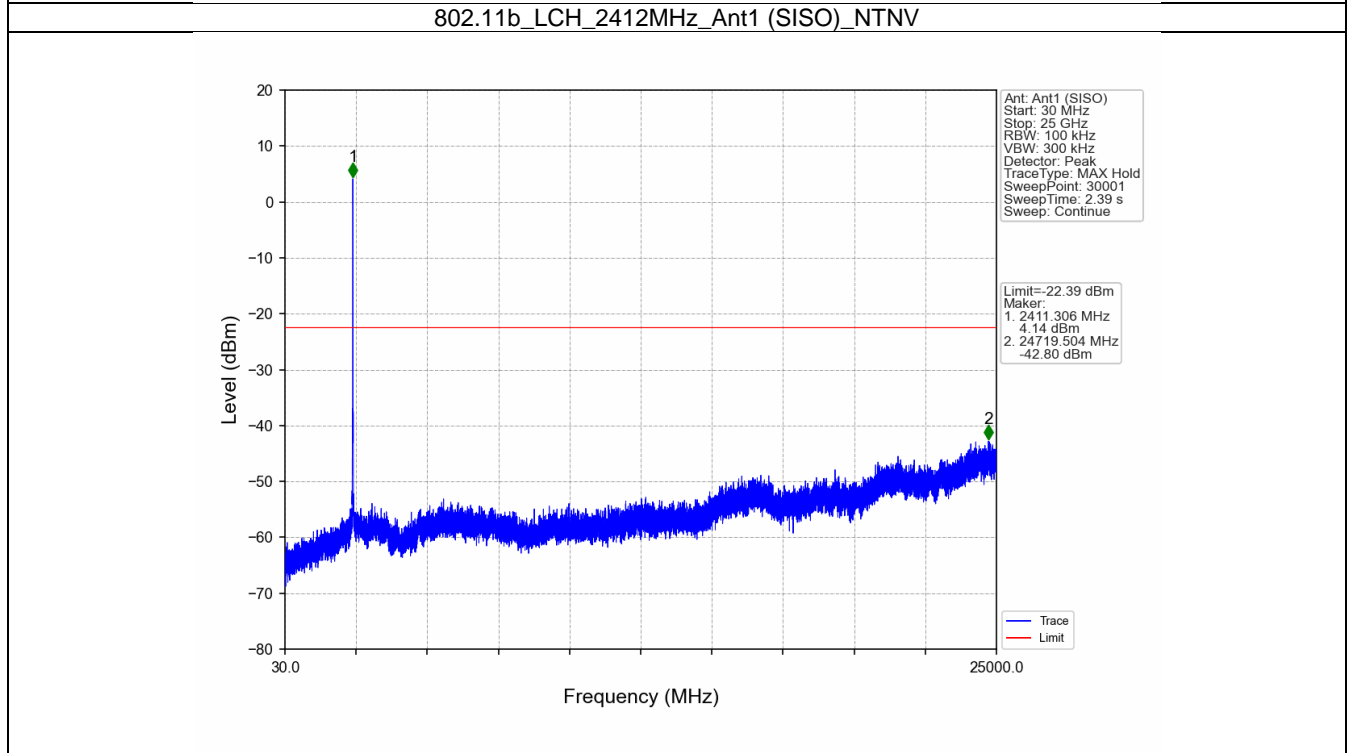
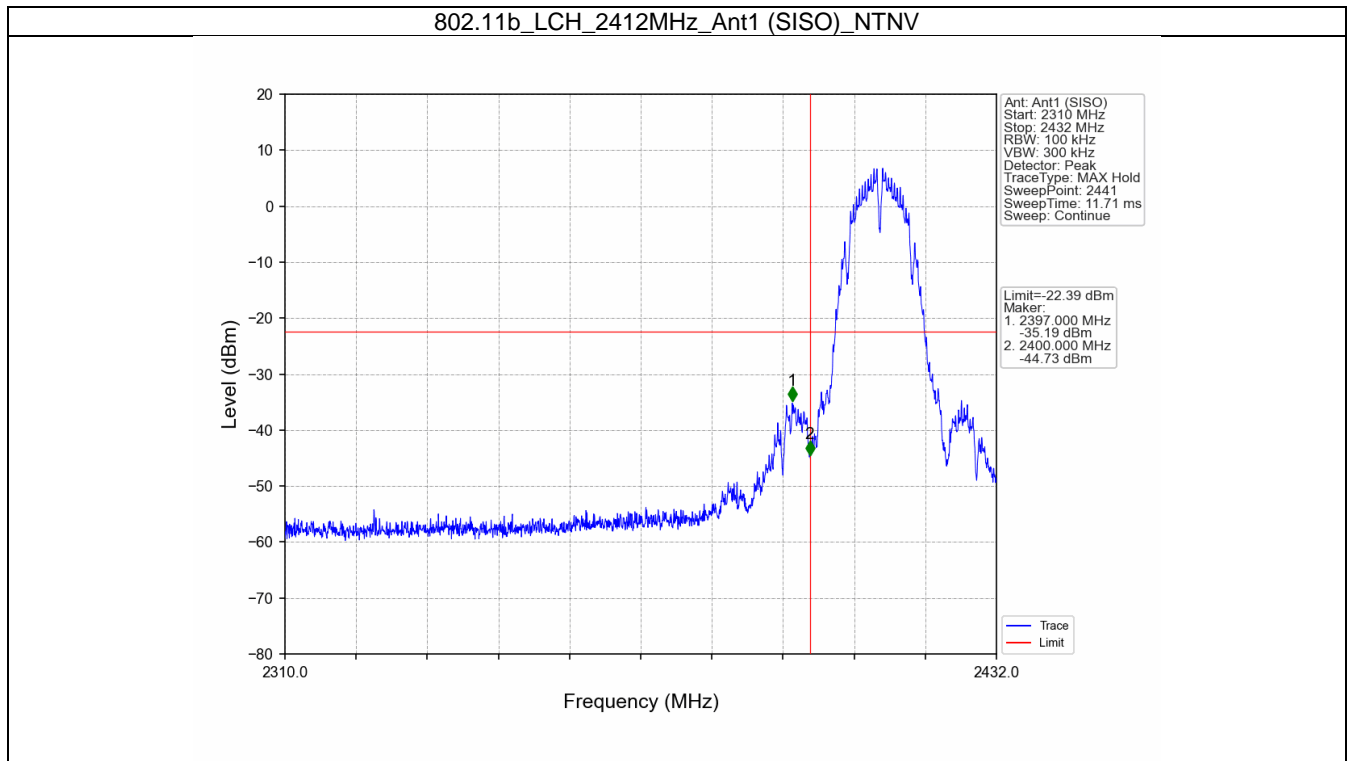
4.2 CSE

4.2.1 Test Result

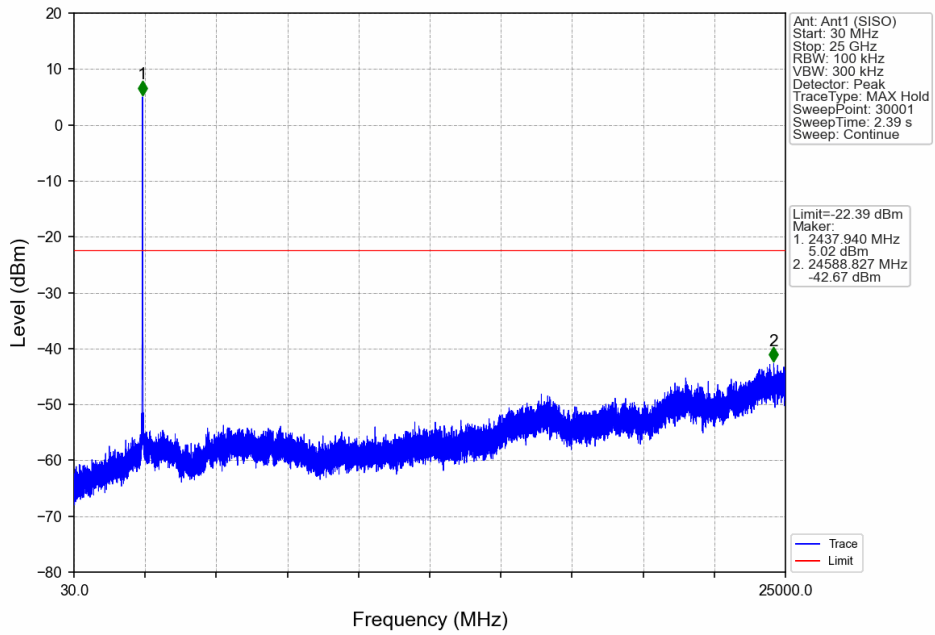
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	7.61	-22.39	Pass
		2437	1	7.61	-22.39	Pass
		2462	1	7.61	-22.39	Pass
802.11g	SISO	2412	1	5.32	-24.68	Pass
		2437	1	5.32	-24.68	Pass
		2462	1	5.32	-24.68	Pass
802.11n (HT20)	SISO	2412	1	5.01	-24.99	Pass
		2437	1	5.01	-24.99	Pass
		2462	1	5.01	-24.99	Pass
802.11n (HT40)	SISO	2422	1	3.37	-26.63	Pass
		2437	1	3.37	-26.63	Pass
		2452	1	3.37	-26.63	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

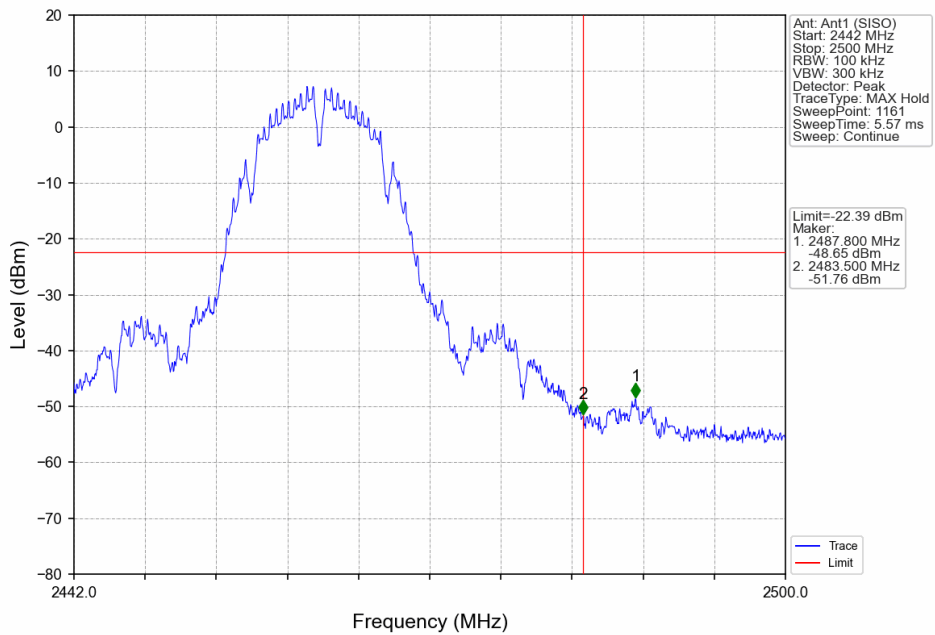
4.2.2 Test Graph



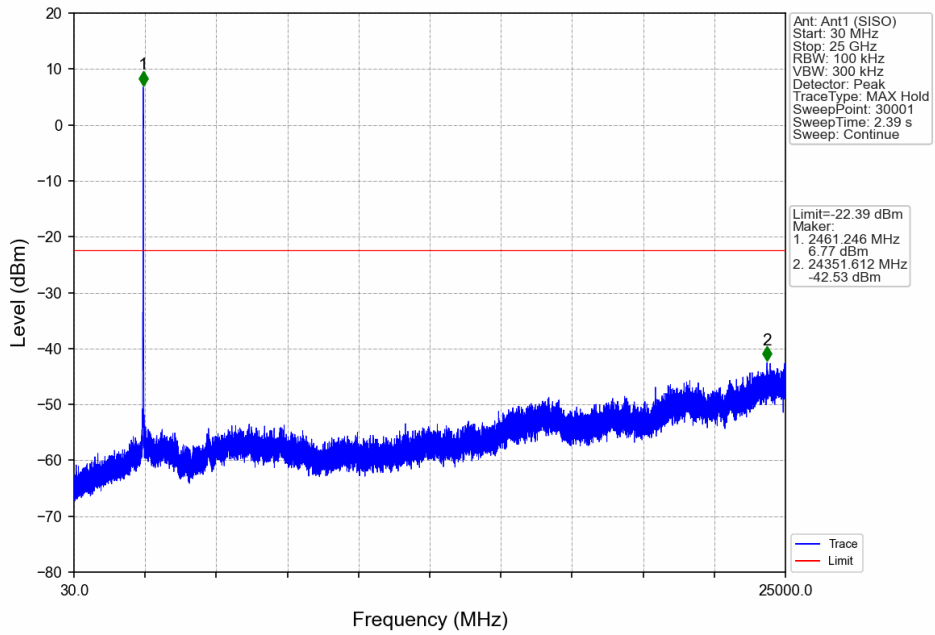
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



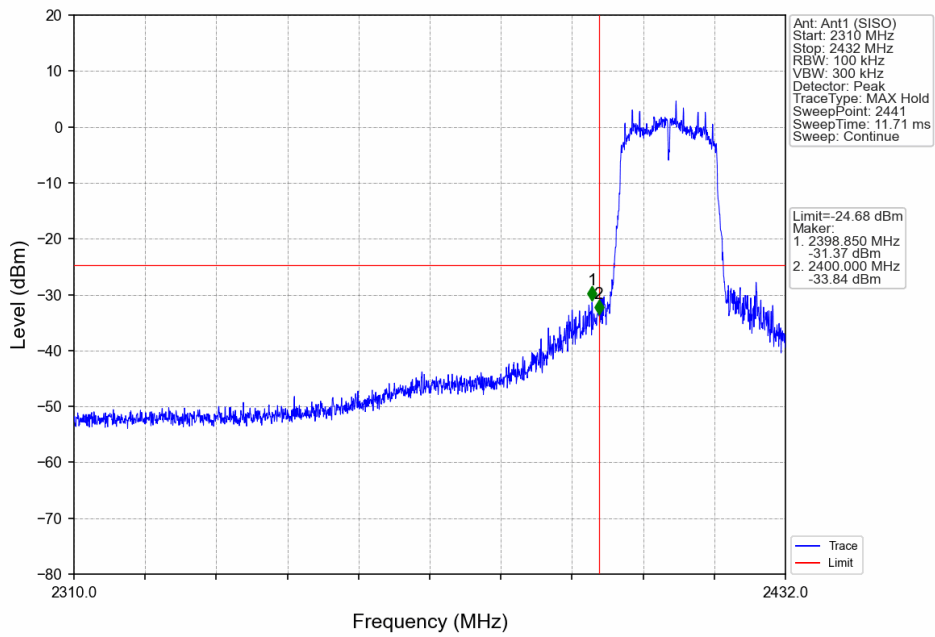
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



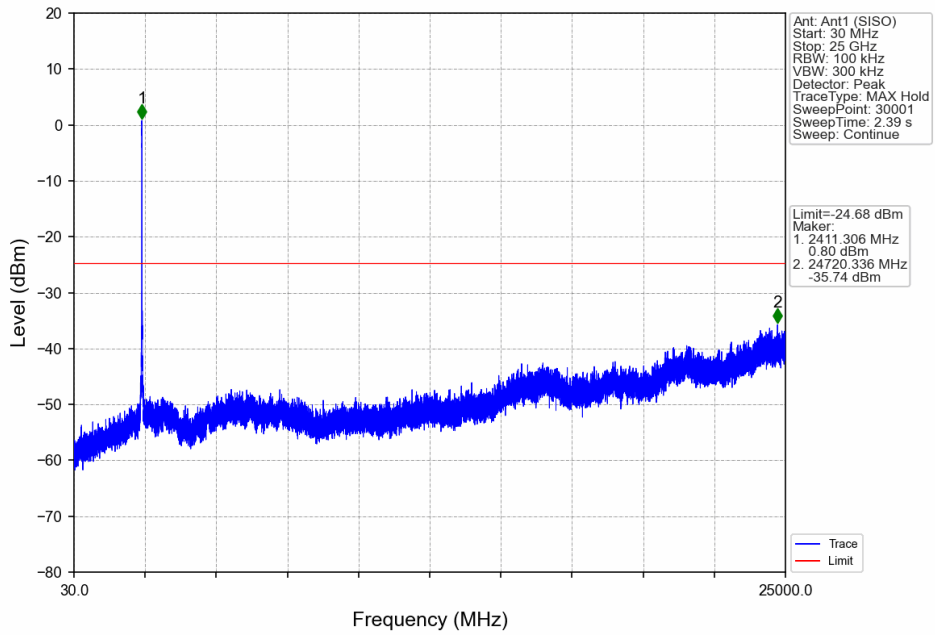
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



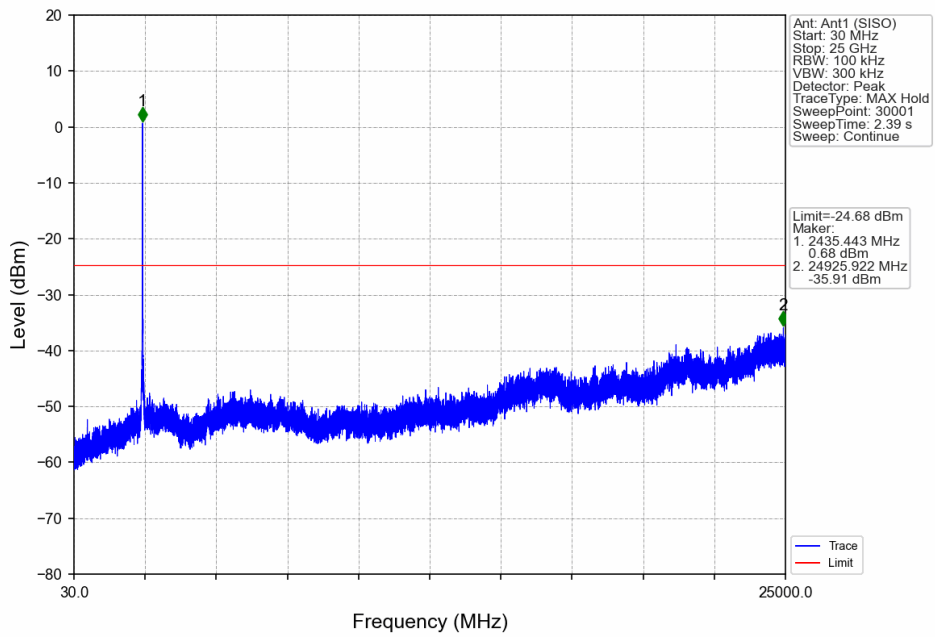
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



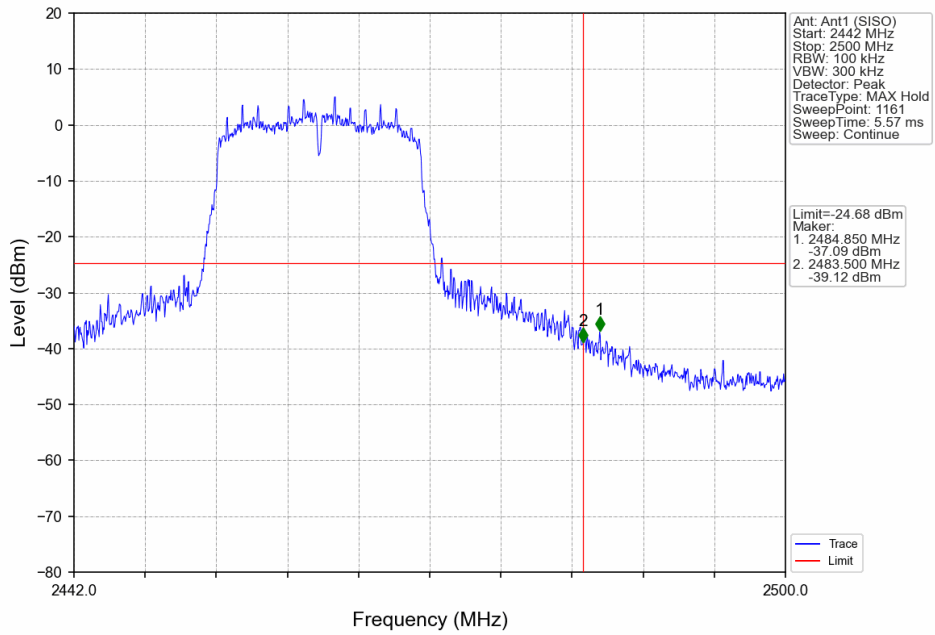
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



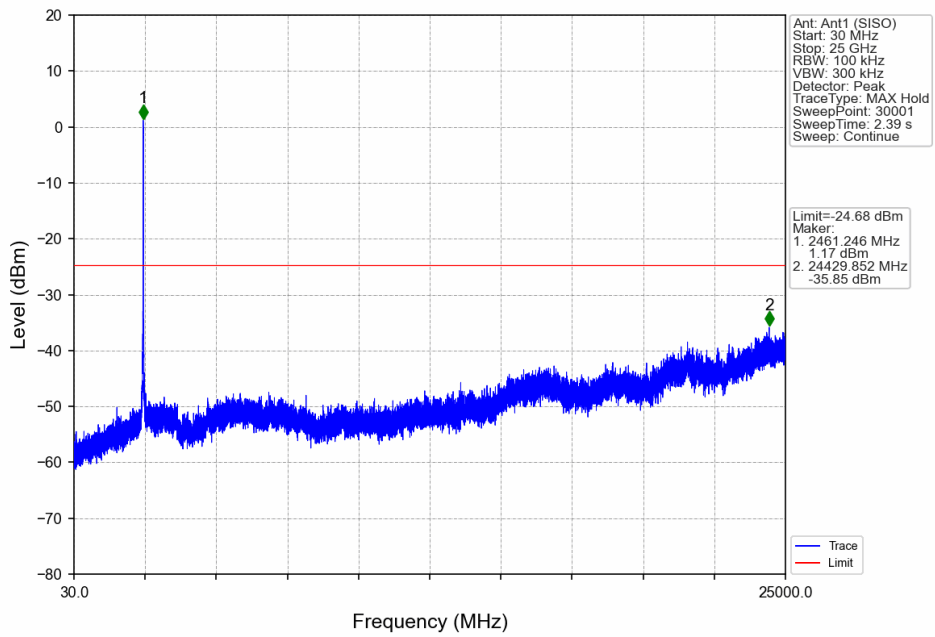
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



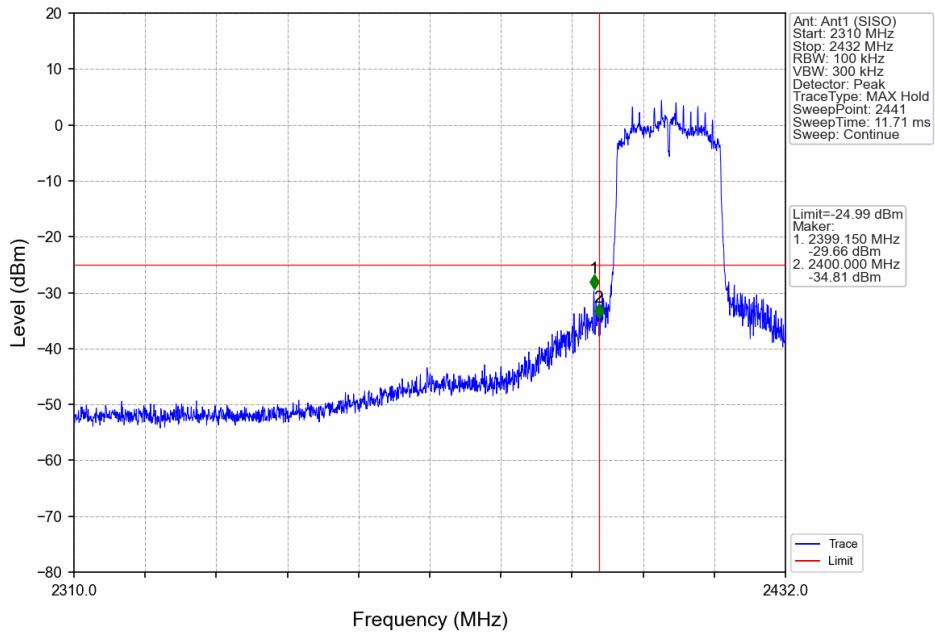
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



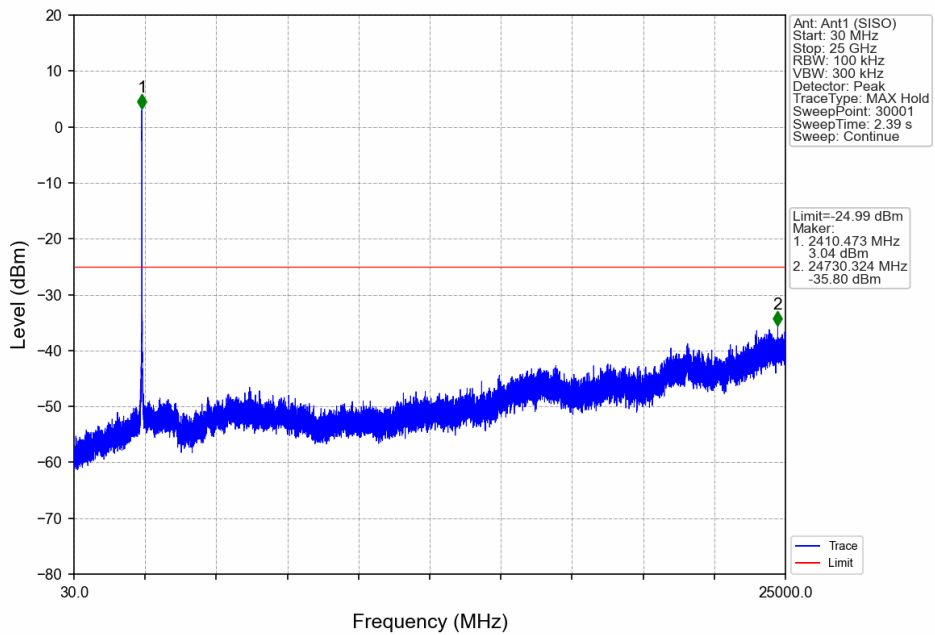
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



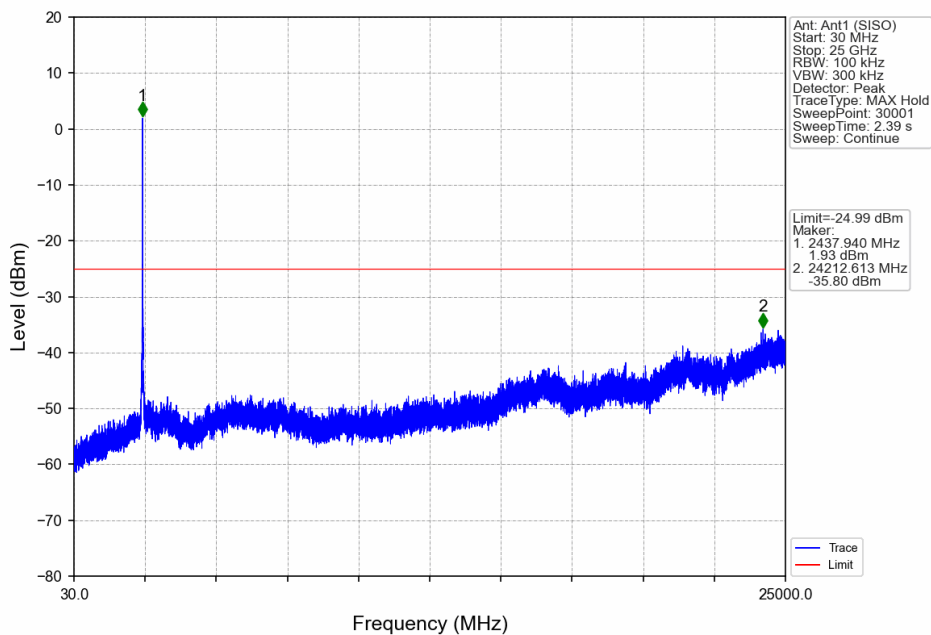
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



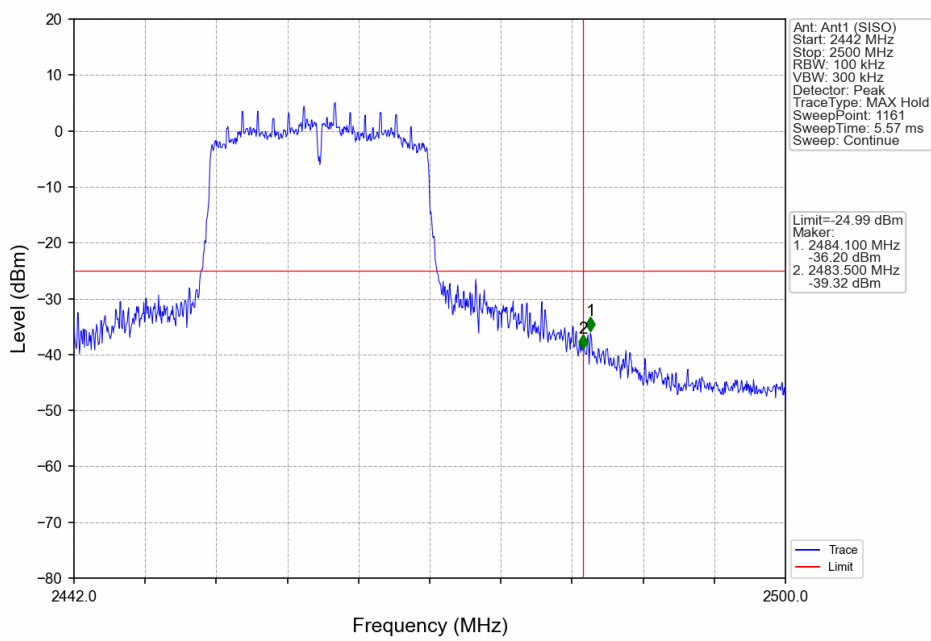
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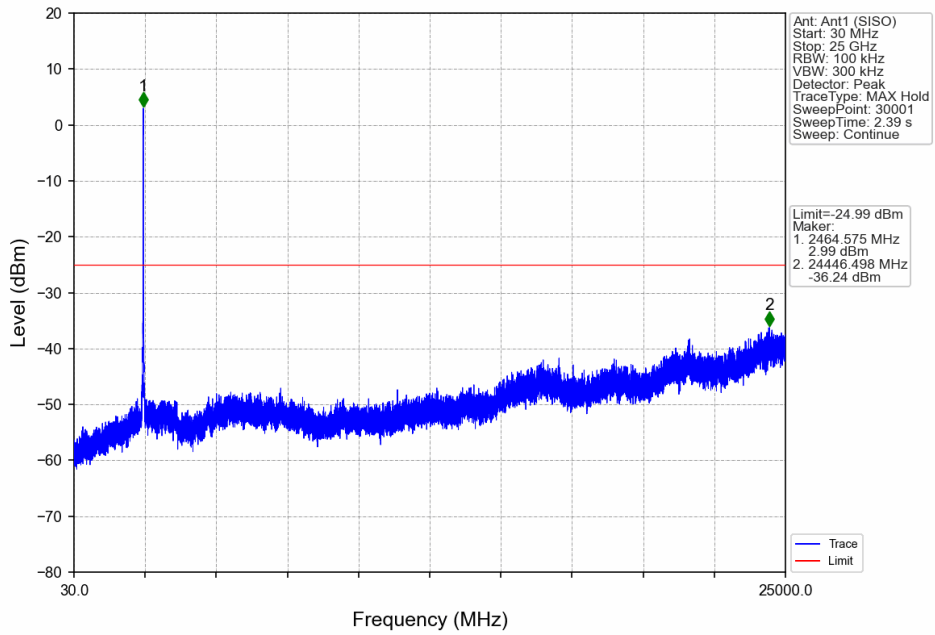
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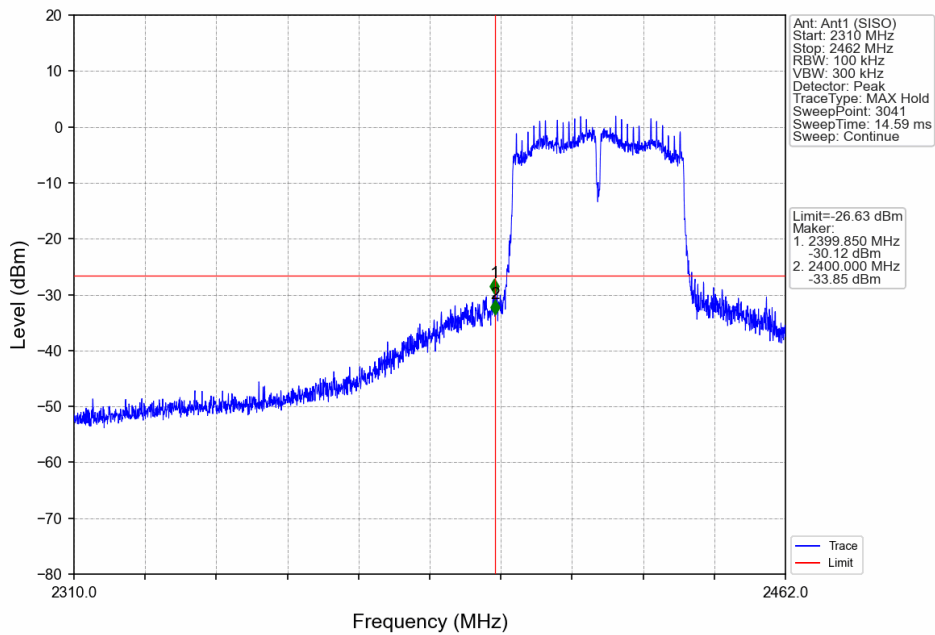
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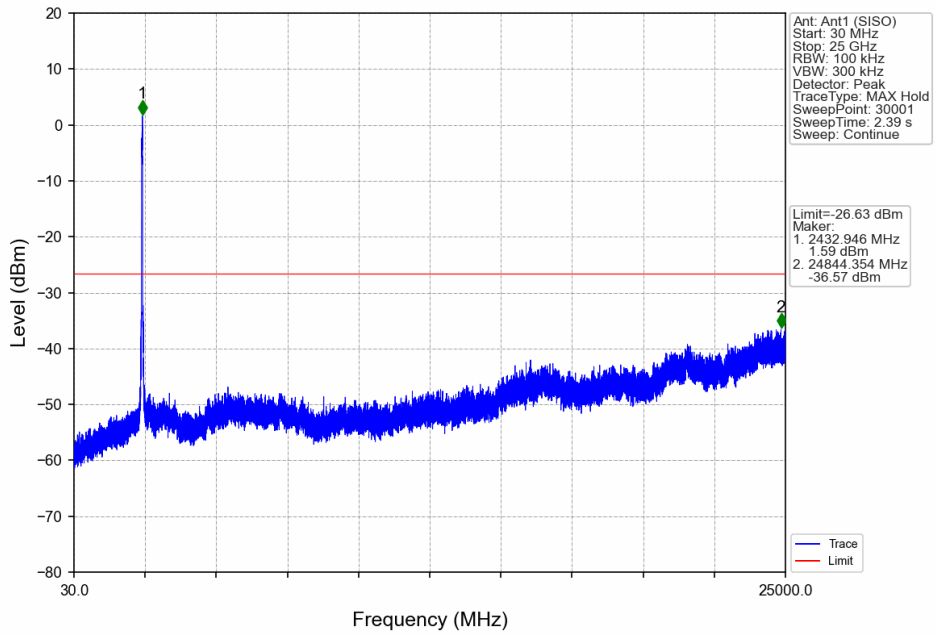
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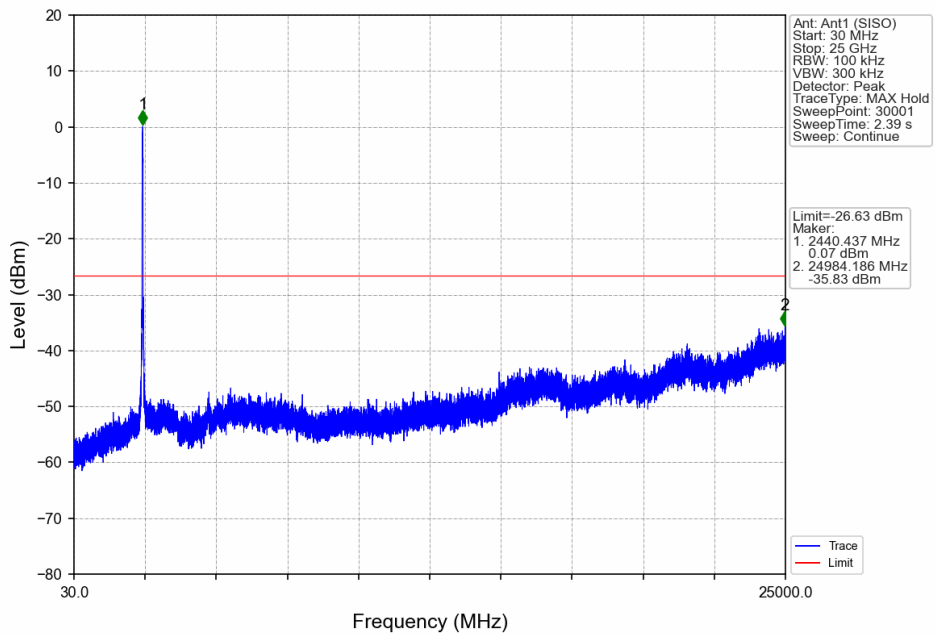
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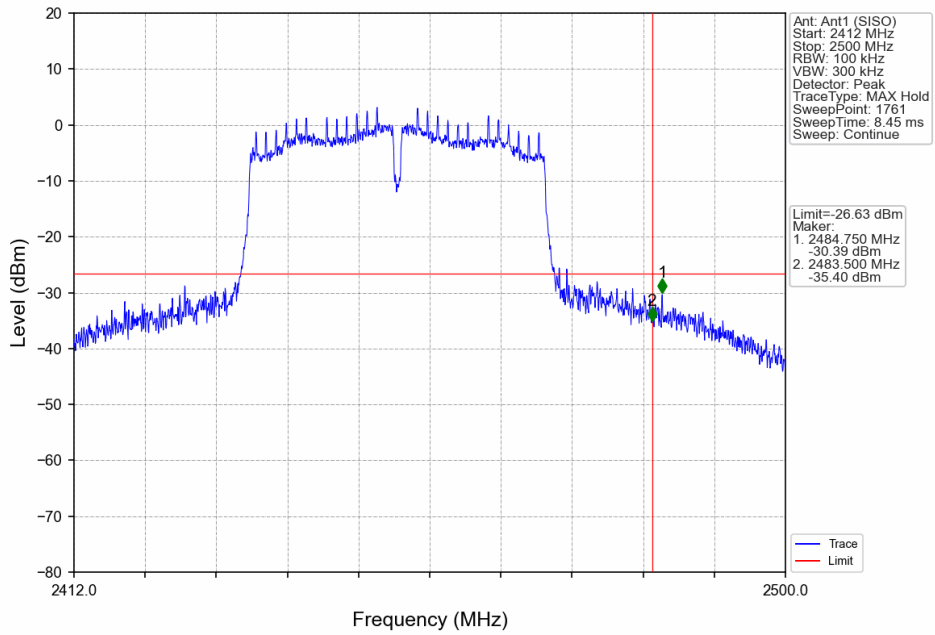
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV

