

Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/2

Report No.: FYCR260700037103

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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	/	/	2.28dBm/100kHz	<=8	Pass
		2437	/	/	3.98dBm/100kHz	<=8	Pass
		2462	/	/	1.98dBm/100kHz	<=8	Pass
802.11g	SISO	2412	/	/	-4.96dBm/100kHz	<=8	Pass
		2437	/	/	-3.05dBm/100kHz	<=8	Pass
		2462	/	/	-4.86dBm/100kHz	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-5.00dBm/100kHz	<=8	Pass
		2437	/	/	-3.08dBm/100kHz	<=8	Pass
		2462	/	/	-4.81dBm/100kHz	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-7.48dBm/100kHz	<=8	Pass
		2437	SU	/	-5.69dBm/100kHz	<=8	Pass
		2462	SU	/	-7.42dBm/100kHz	<=8	Pass

Note1: Antenna Gain: Ant1: 3.83dBi;



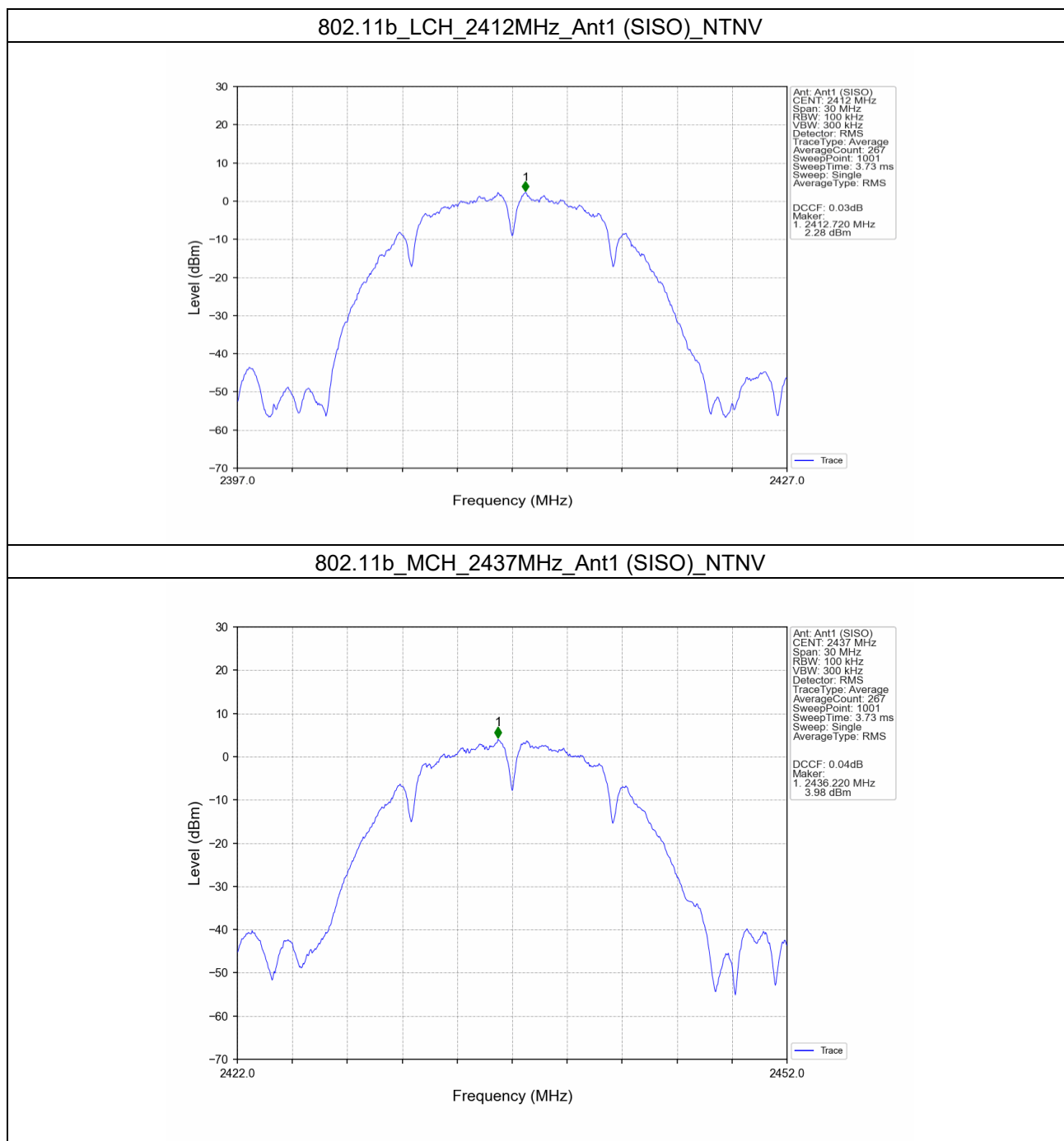
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4.2 Test Graph

4.2.1 PSD



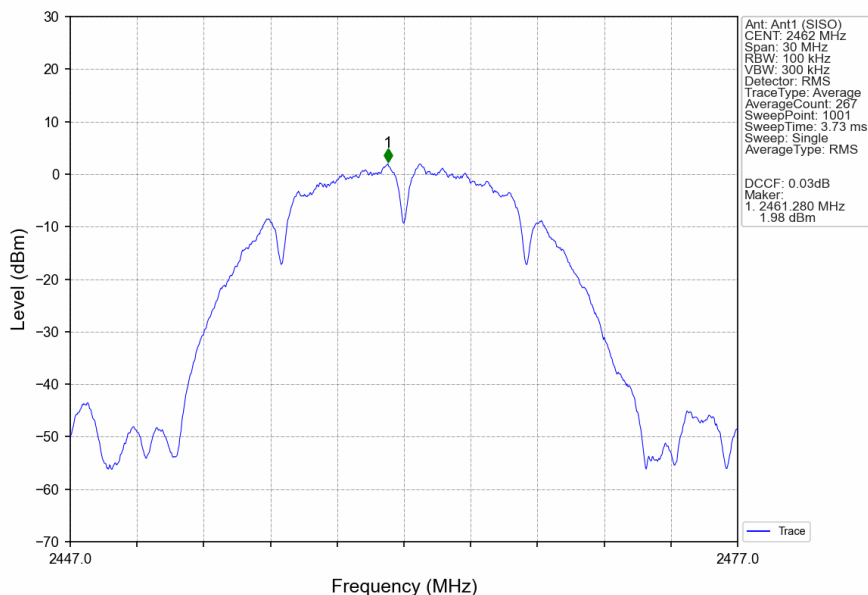
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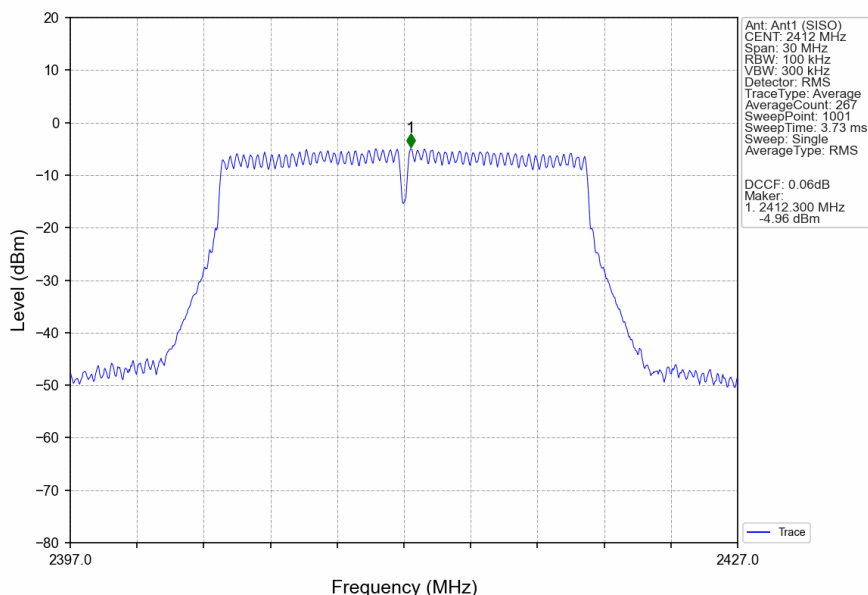
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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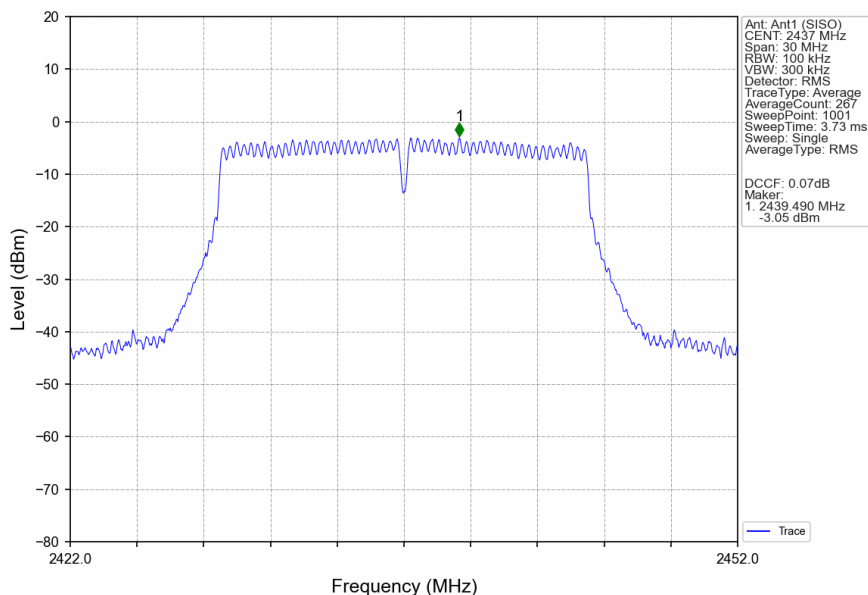
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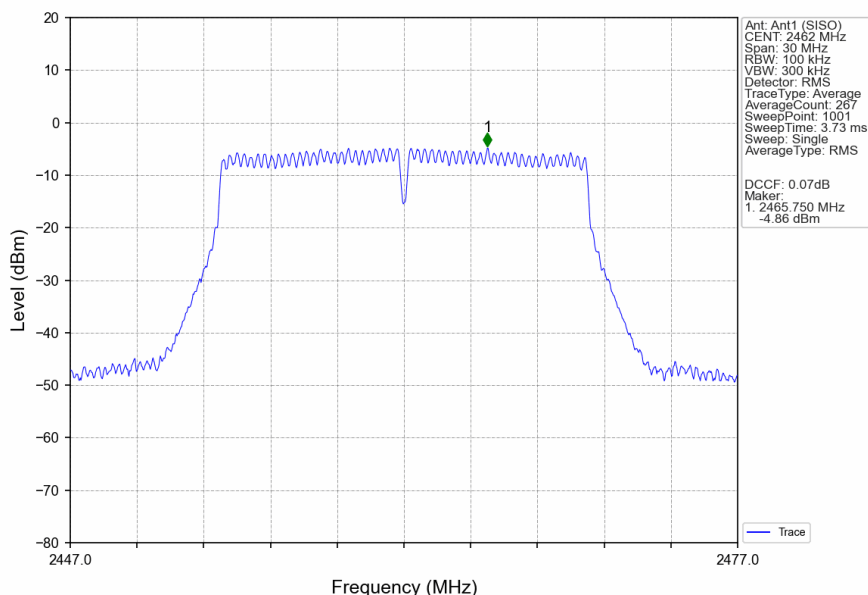
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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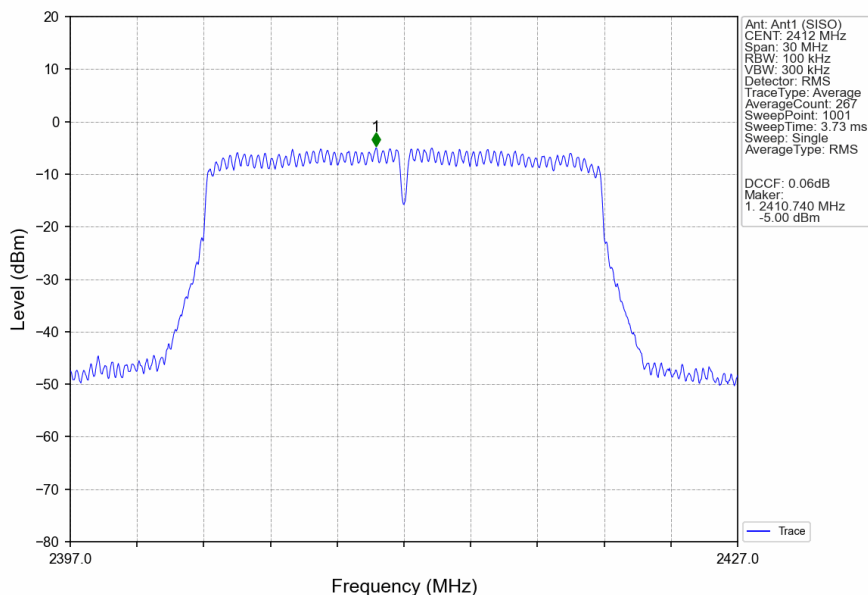
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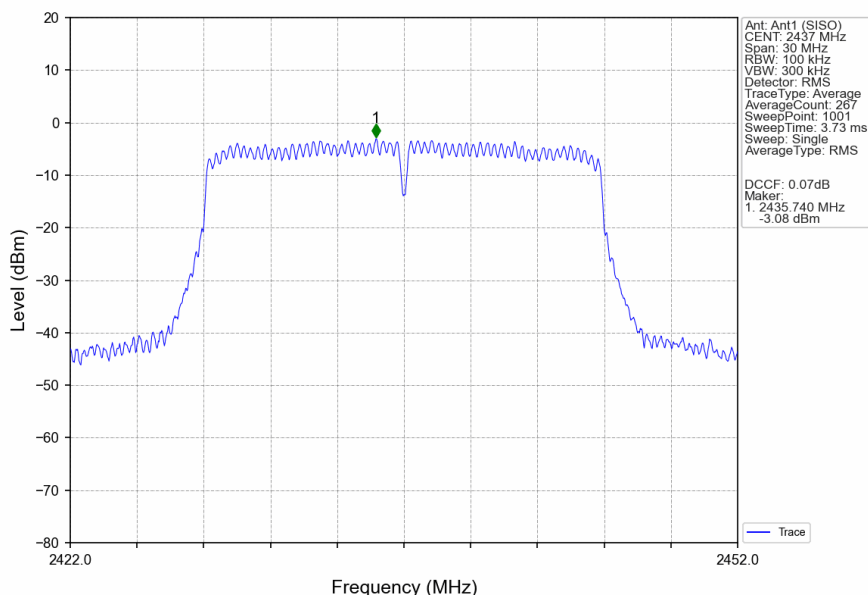
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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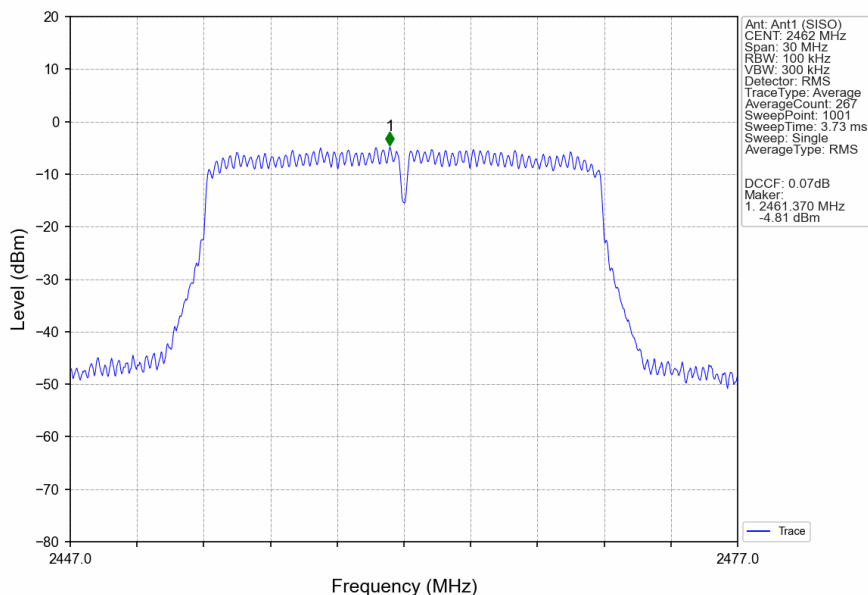
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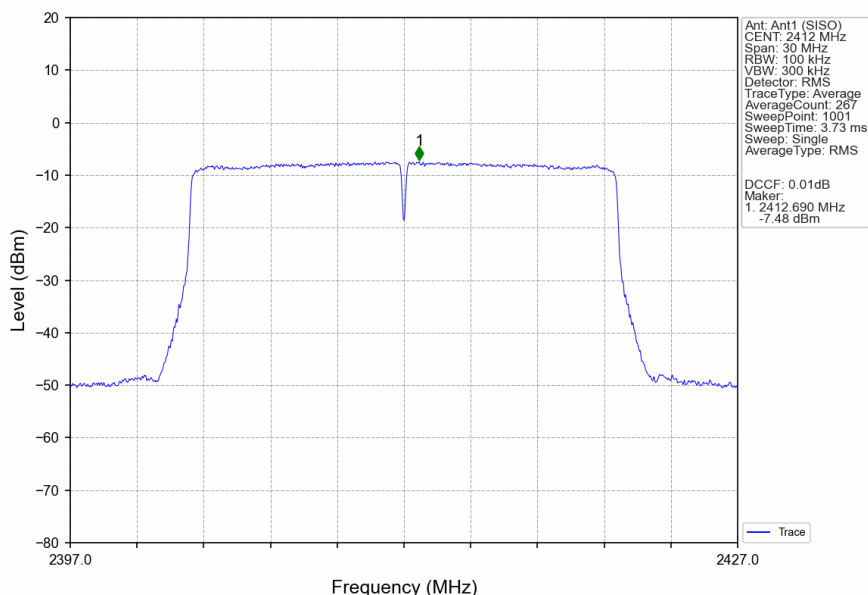
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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



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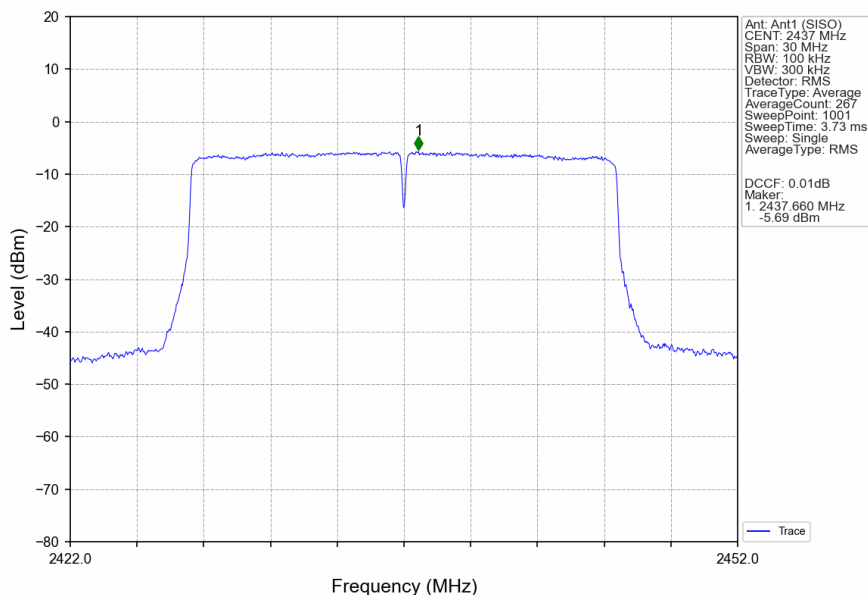
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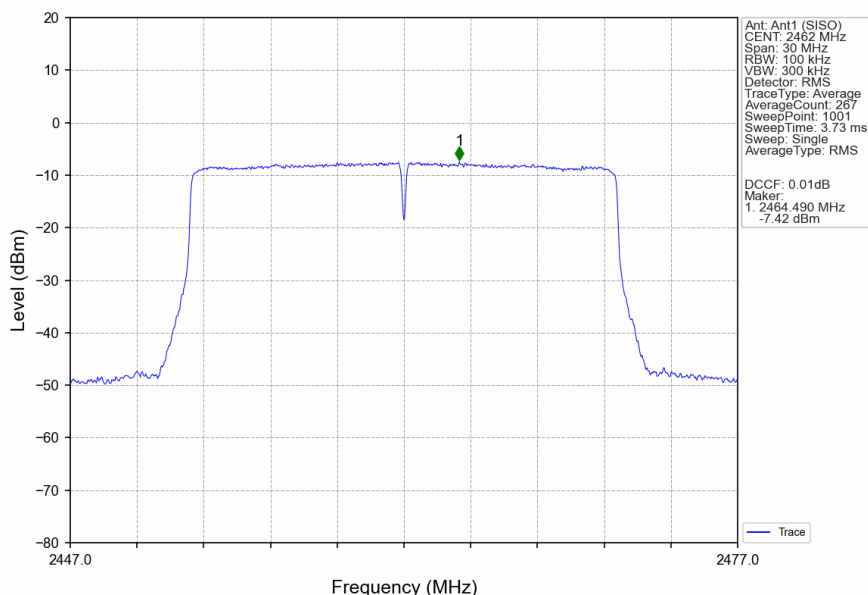
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802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



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



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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	9.35
		2437	/	/	1	10.98
		2462	/	/	1	9.09
802.11g	SISO	2412	/	/	1	4.24
		2437	/	/	1	5.91
		2462	/	/	1	4.13
802.11n (HT20)	SISO	2412	/	/	1	4.39
		2437	/	/	1	6.02
		2462	/	/	1	4.10
802.11ax (HEW20)	SISO	2412	SU	/	1	2.65
		2437	SU	/	1	4.85
		2462	SU	/	1	2.41

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	10.98	-19.02	Pass
		2437	/	/	1	10.98	-19.02	Pass
		2462	/	/	1	10.98	-19.02	Pass
802.11g	SISO	2412	/	/	1	5.91	-24.09	Pass
		2437	/	/	1	5.91	-24.09	Pass
		2462	/	/	1	5.91	-24.09	Pass
802.11n (HT20)	SISO	2412	/	/	1	6.02	-23.98	Pass
		2437	/	/	1	6.02	-23.98	Pass
		2462	/	/	1	6.02	-23.98	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	4.85	-25.15	Pass
		2437	SU	/	1	4.85	-25.15	Pass
		2462	SU	/	1	4.85	-25.15	Pass



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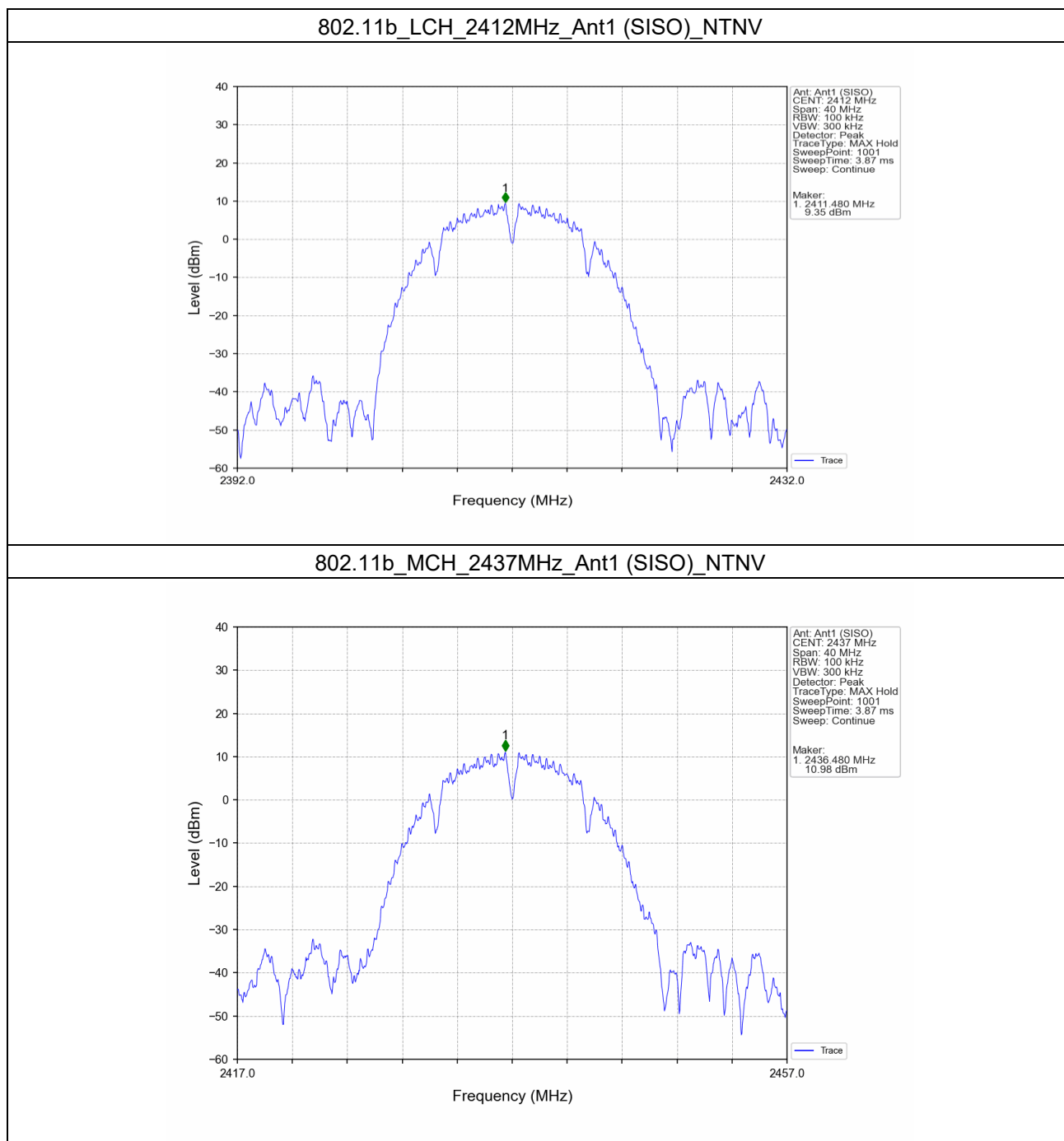
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5.2 Test Graph

5.2.1 Ref



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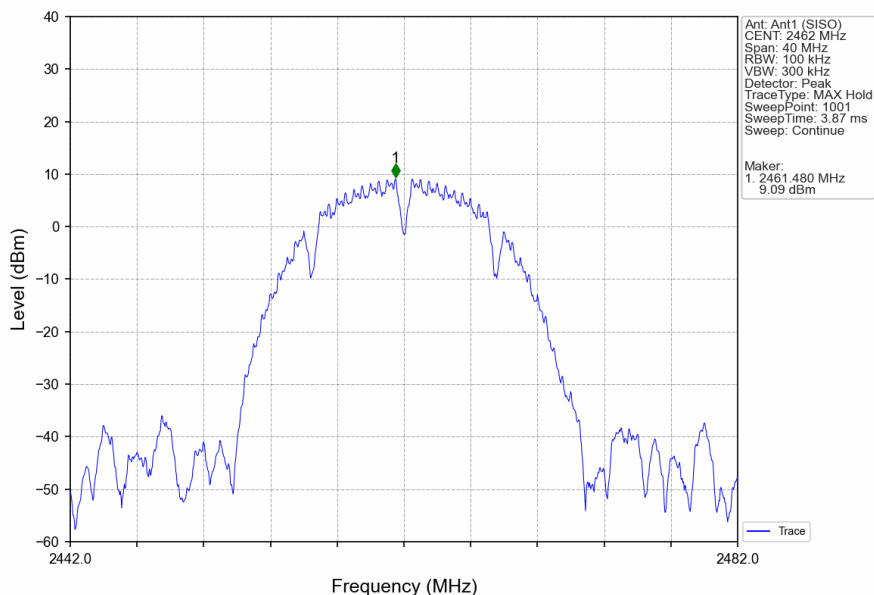
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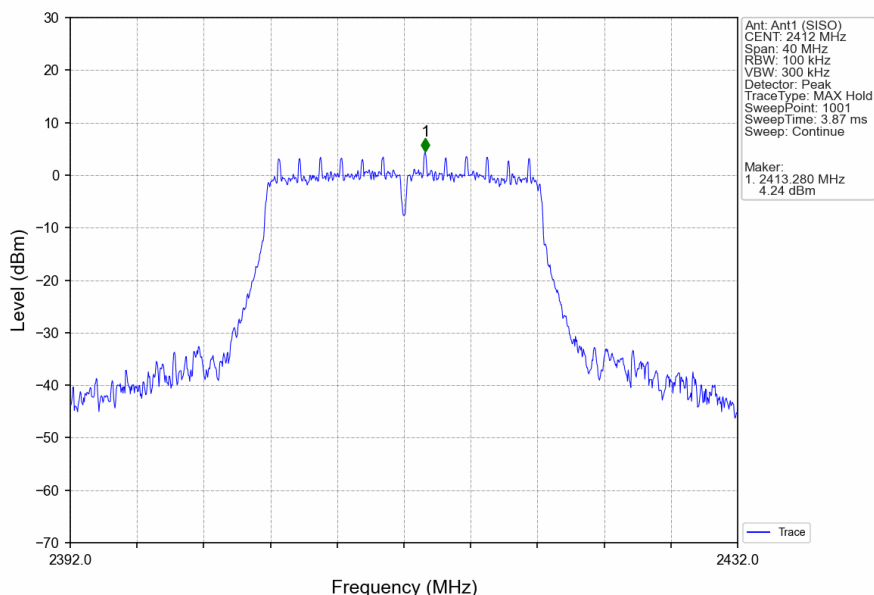
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802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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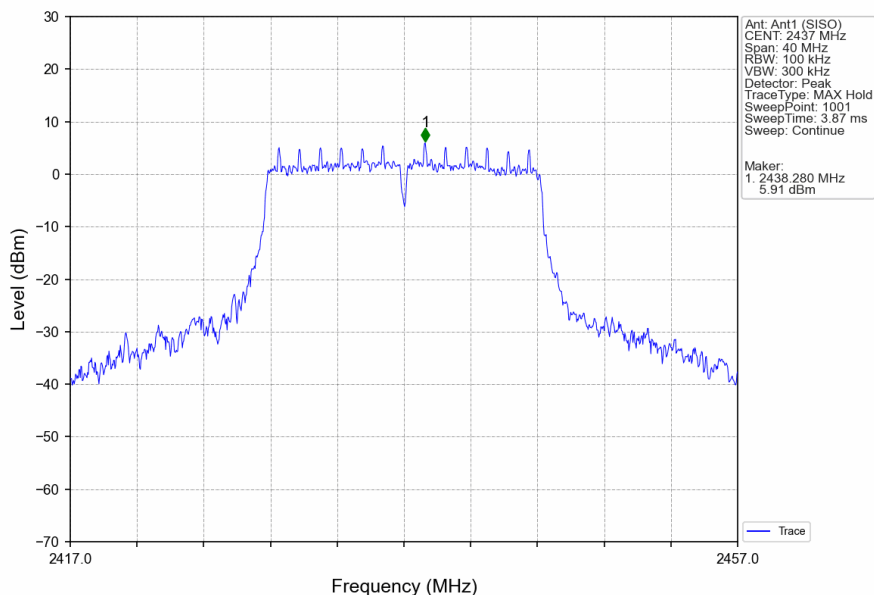
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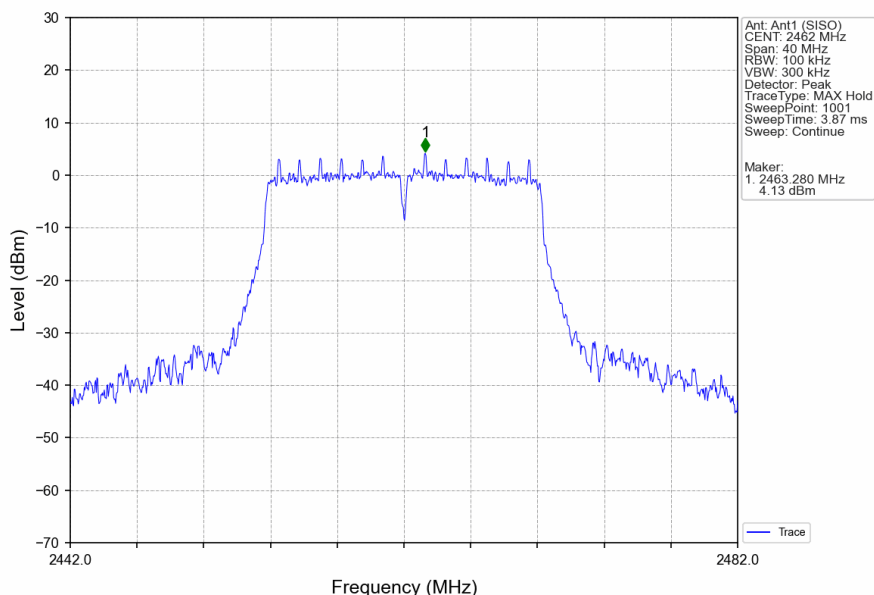
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



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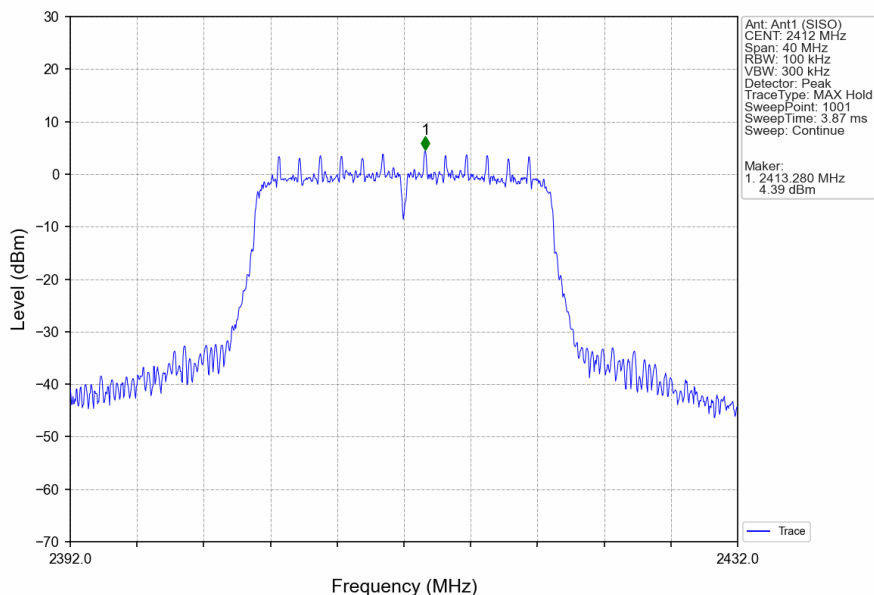
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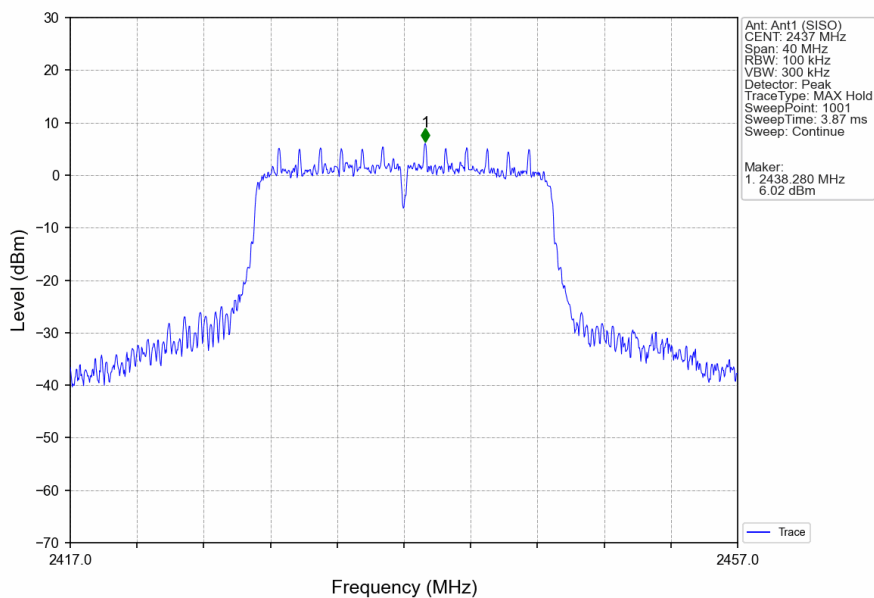
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



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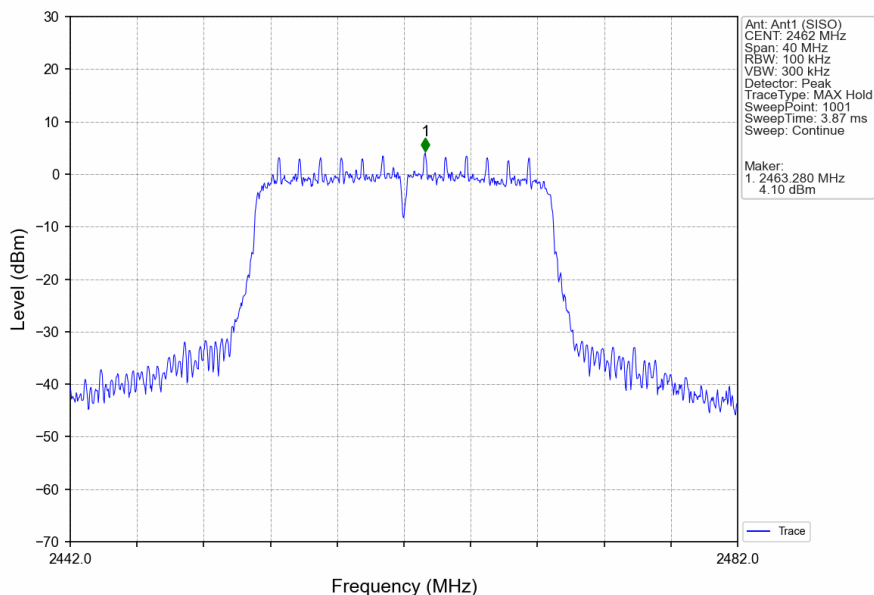
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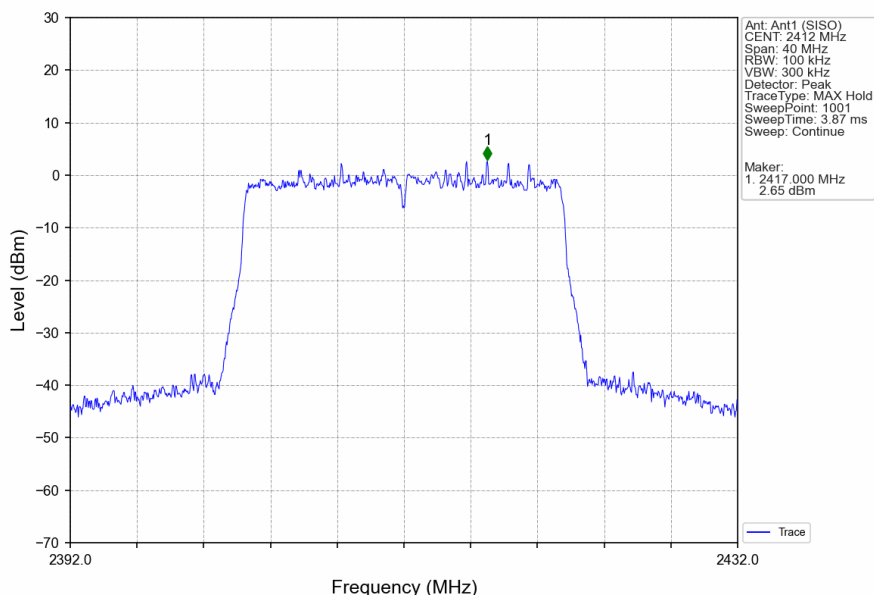
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802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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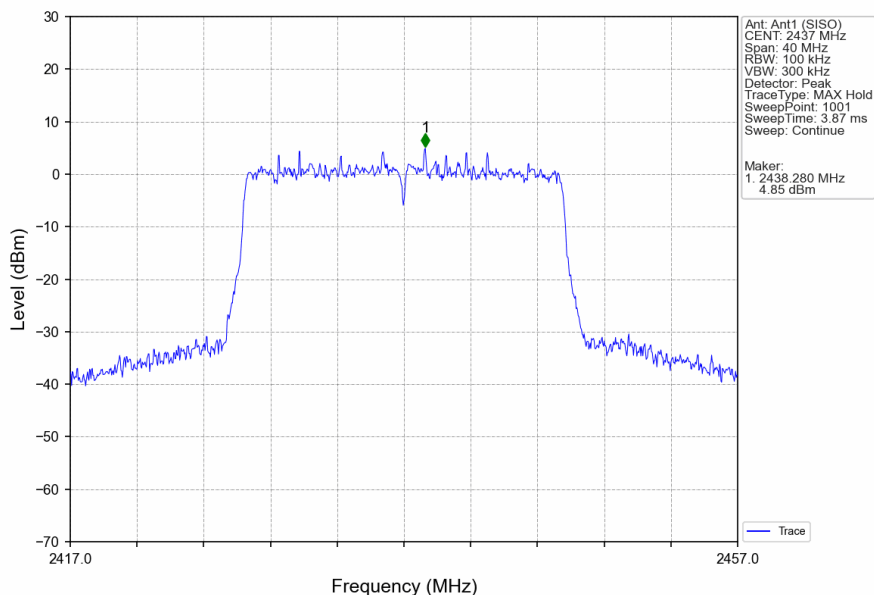
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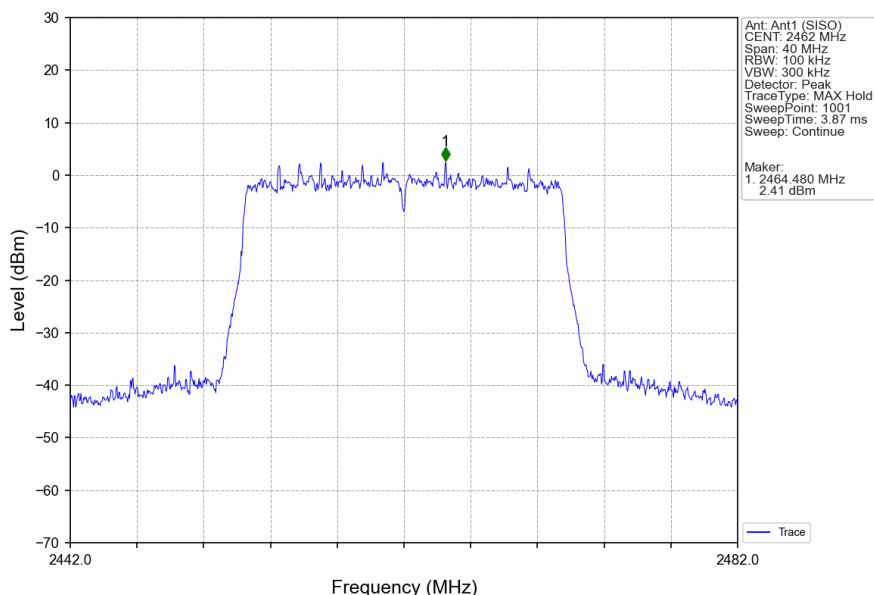
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802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



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



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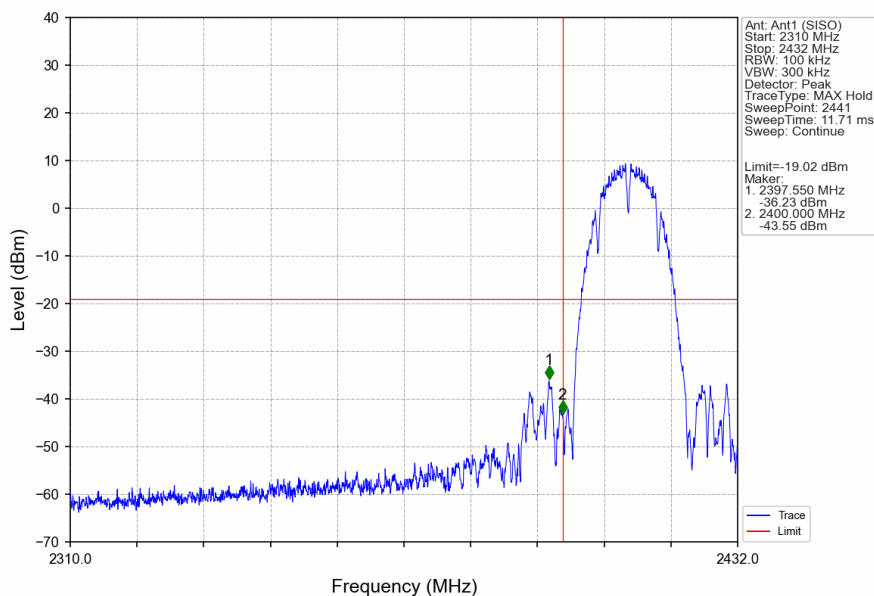
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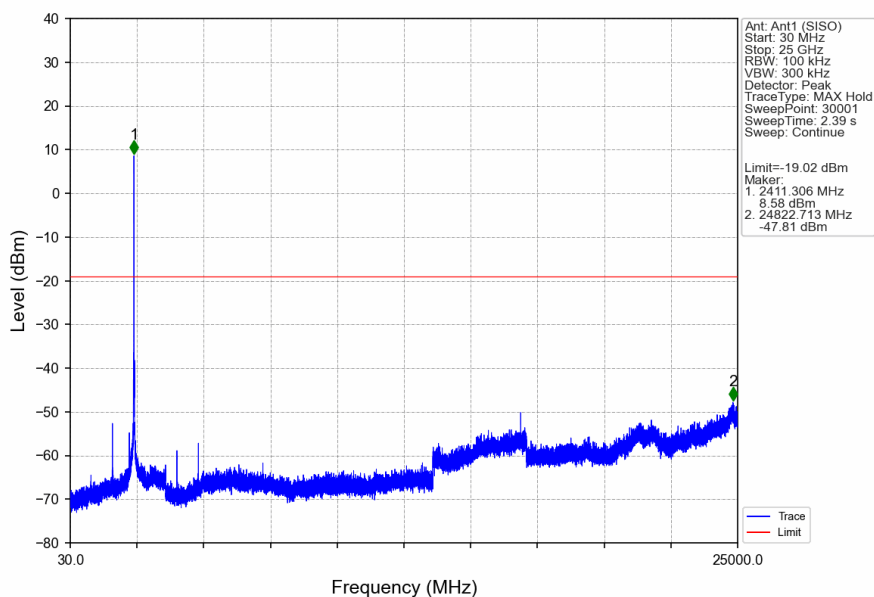
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5.2.2 CSE

802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



802.11b_LCH_2412MHz_Ant1 (SISO)_NTNV



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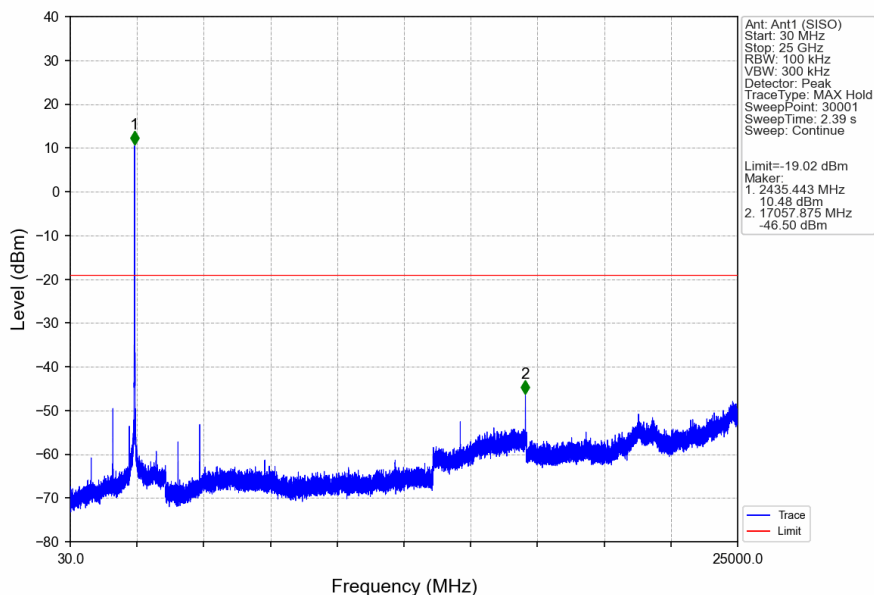
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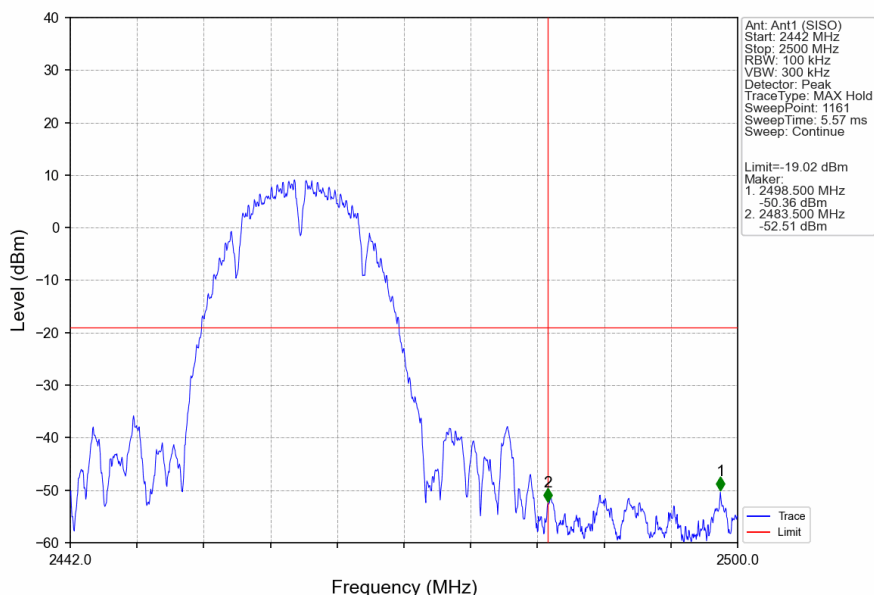
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802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



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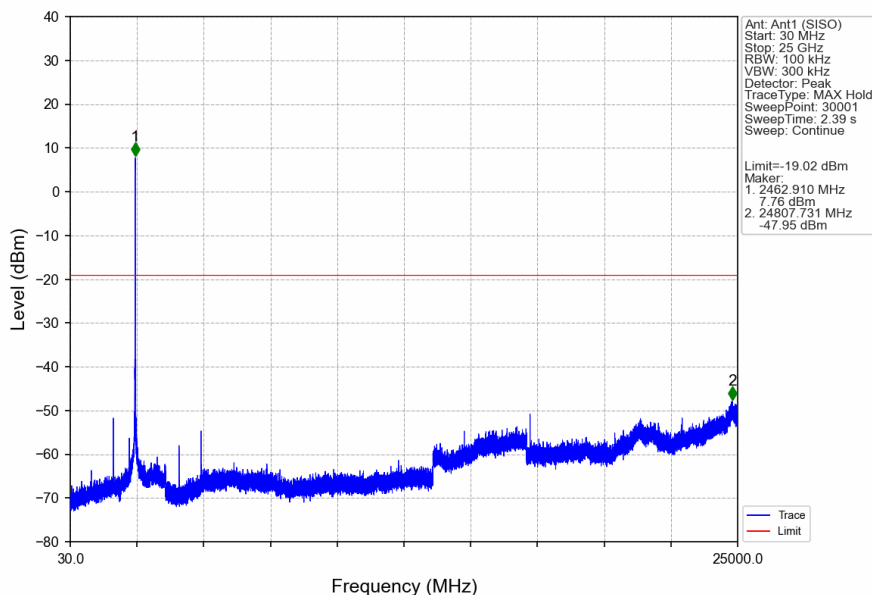
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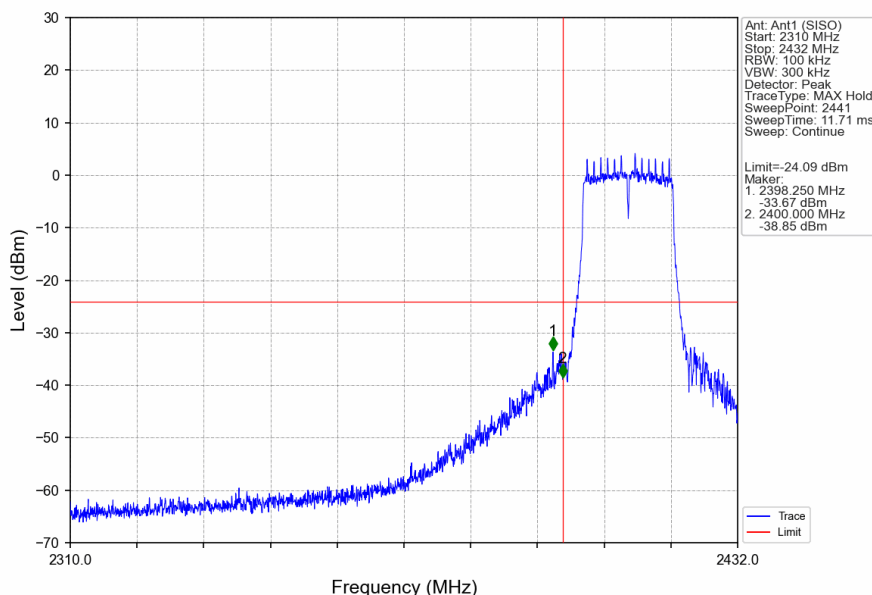
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802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



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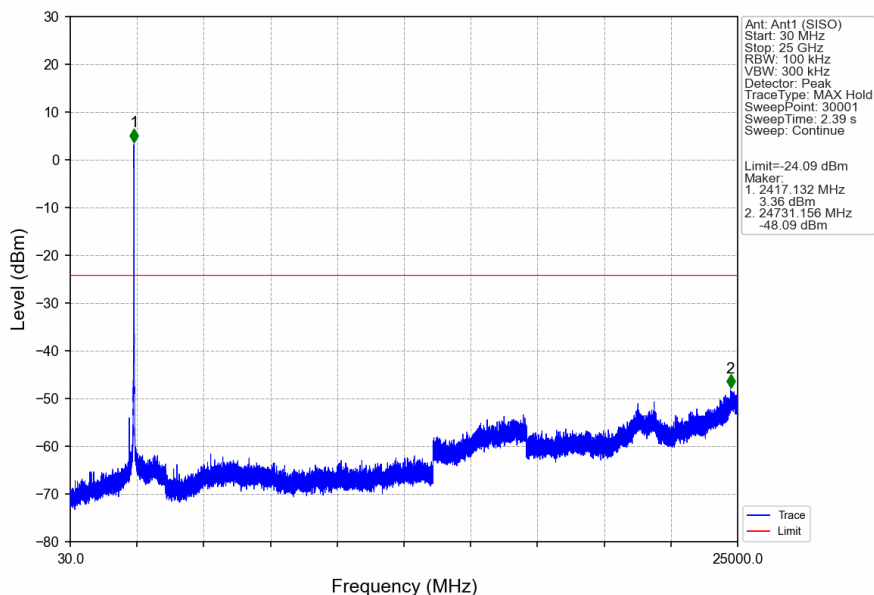
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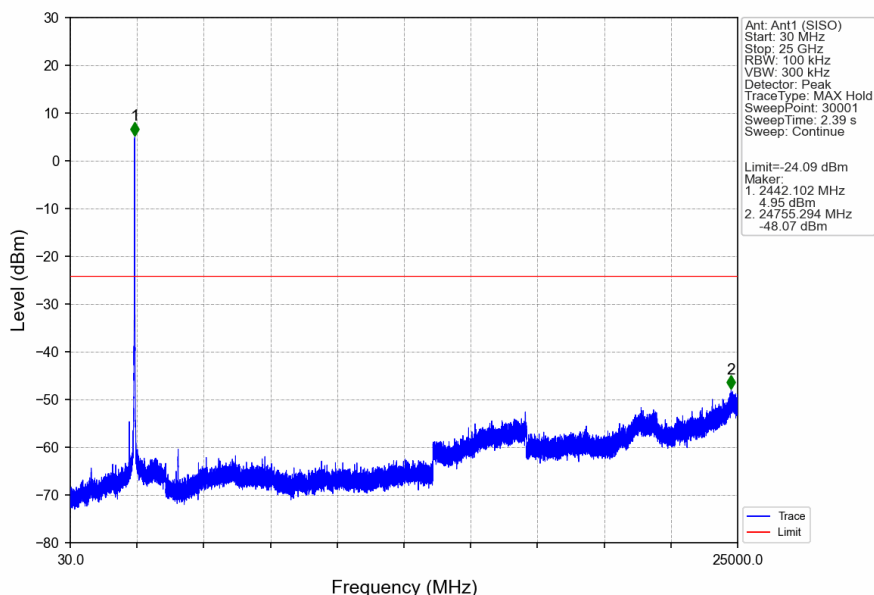
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

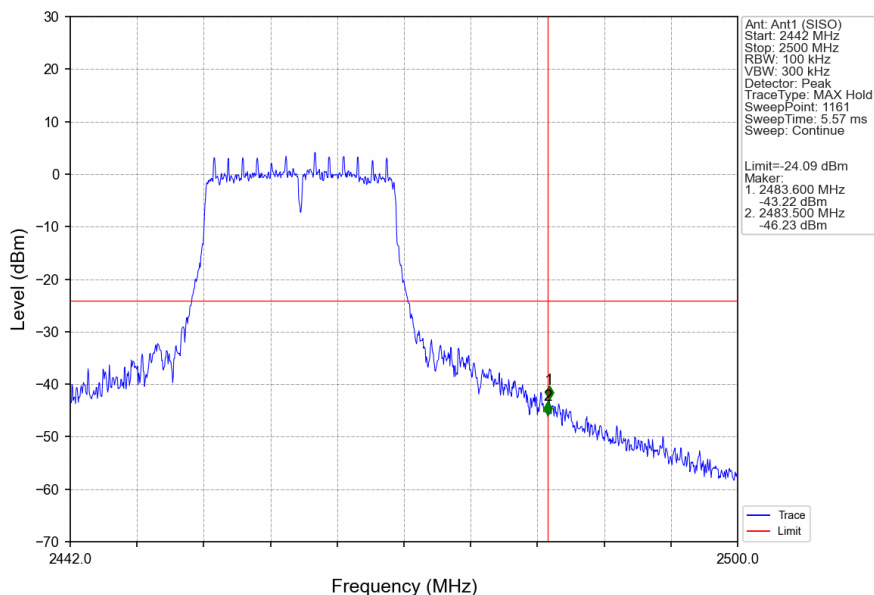


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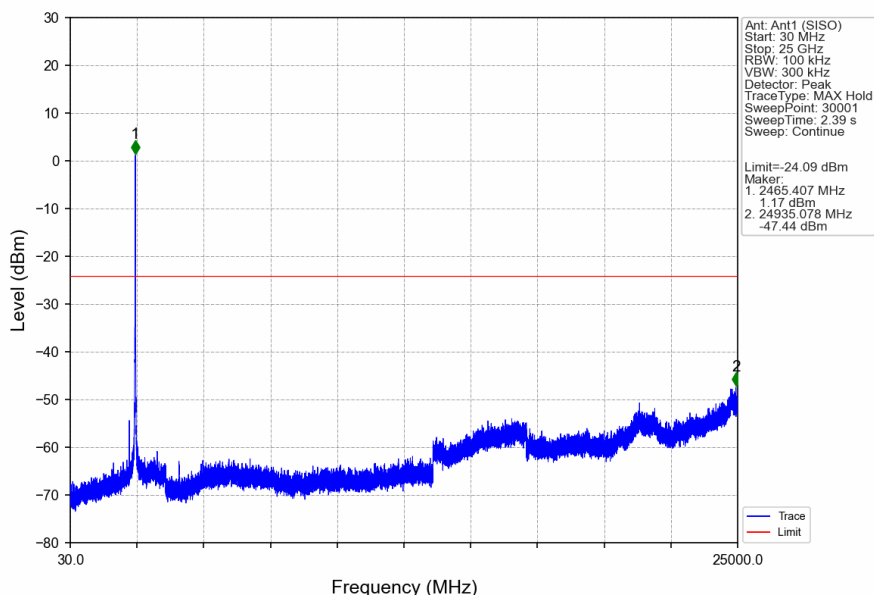
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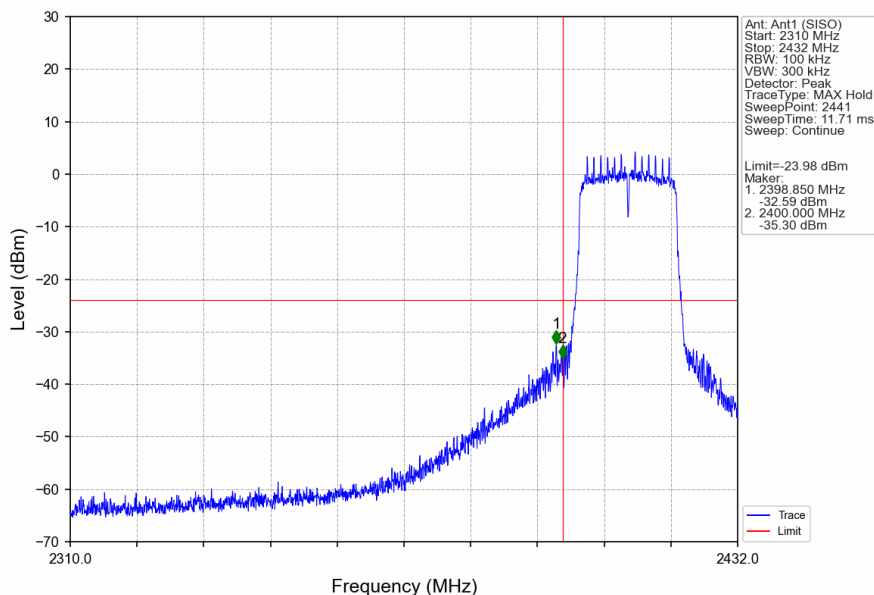
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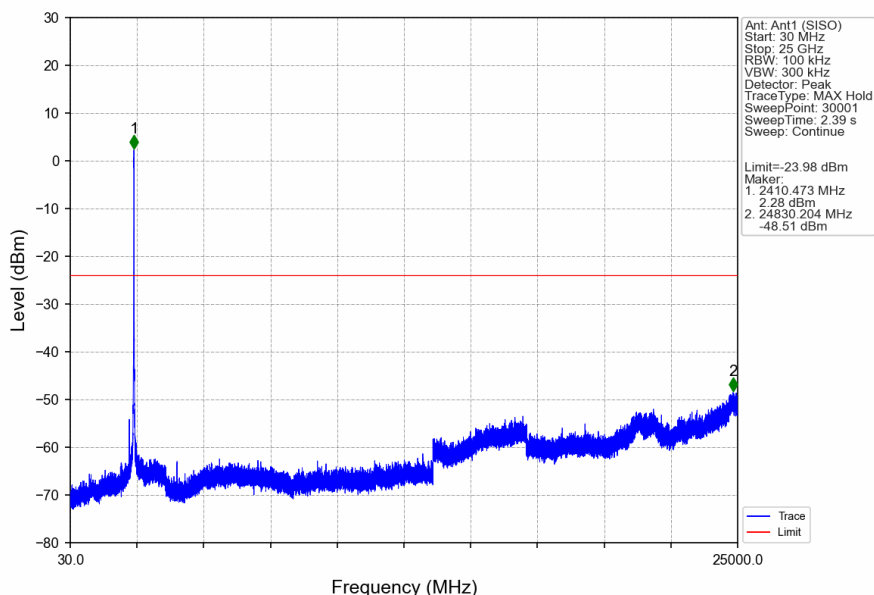
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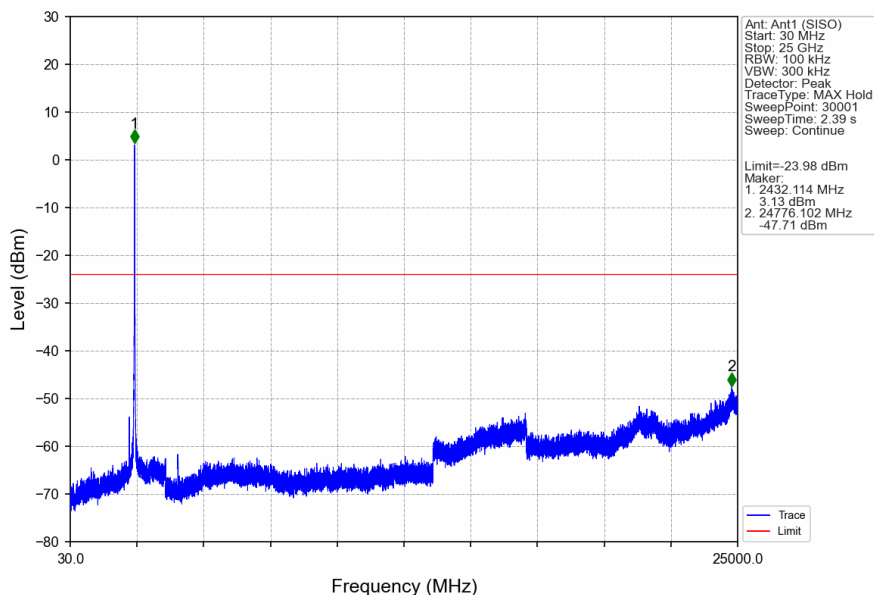
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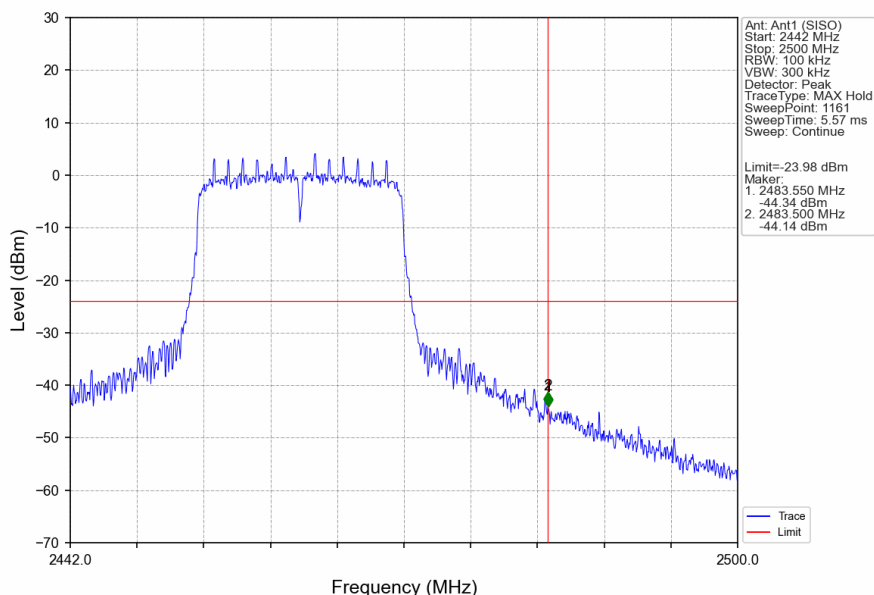
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802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



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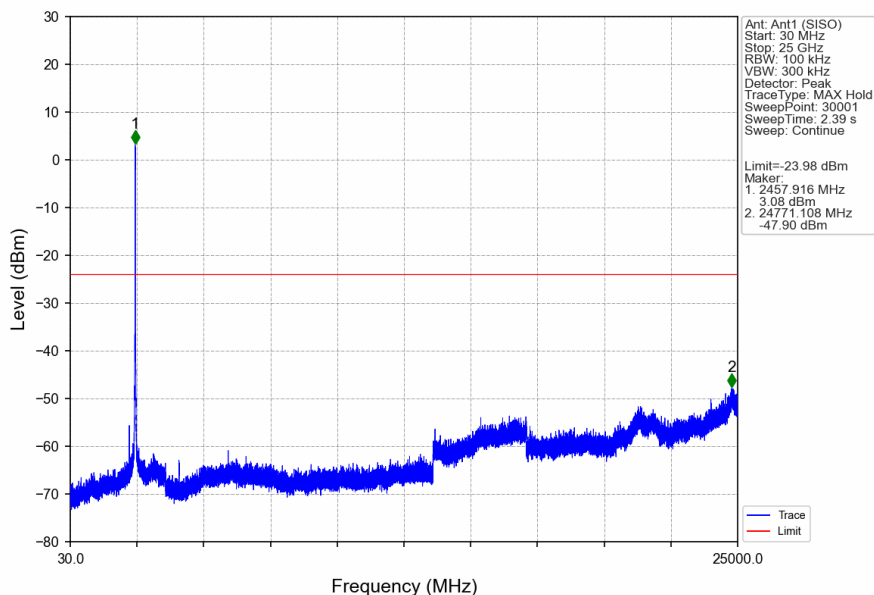
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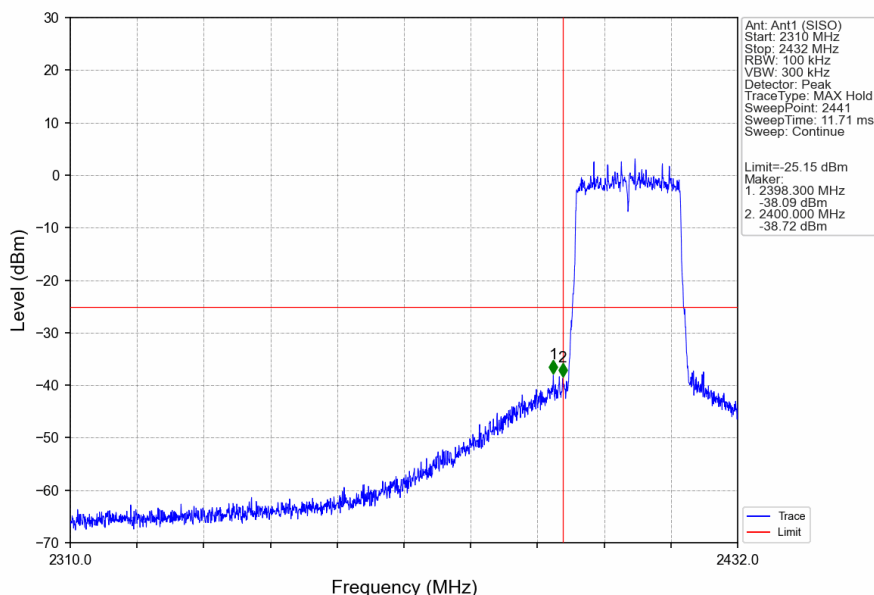
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802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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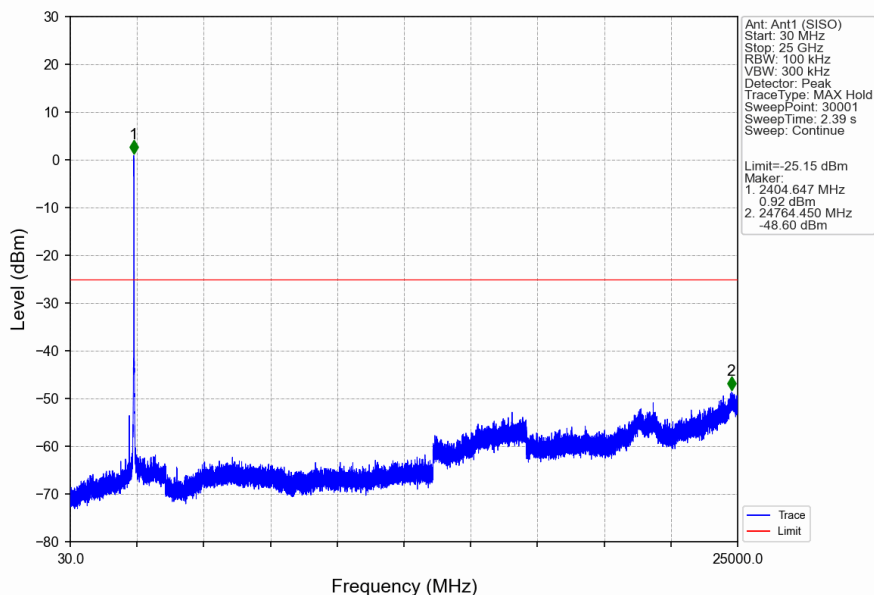
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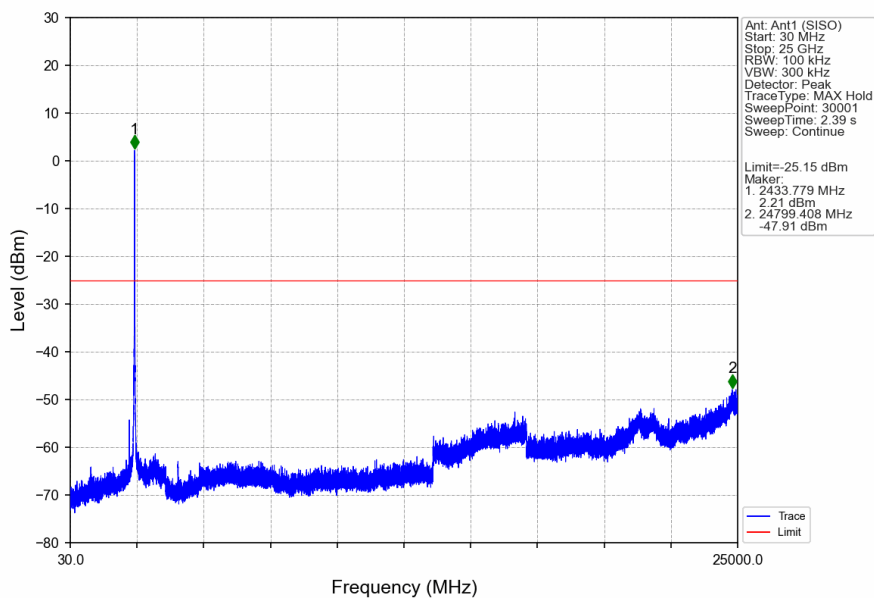
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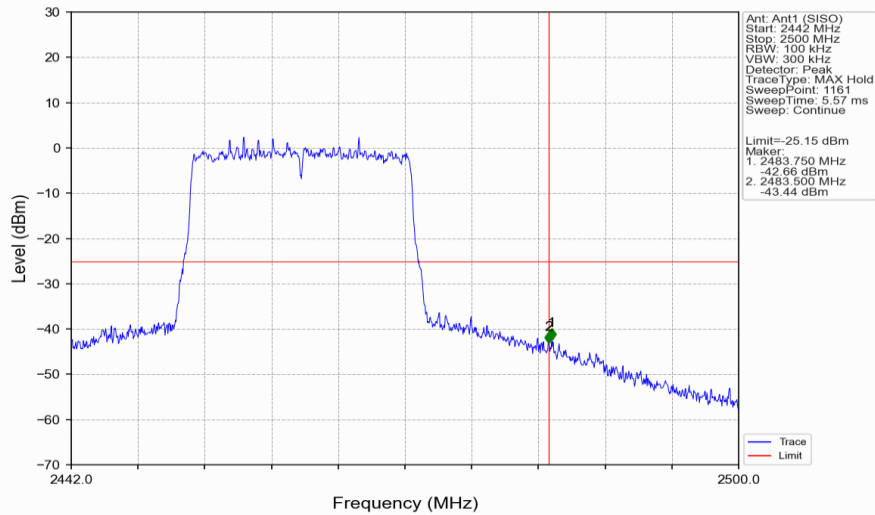
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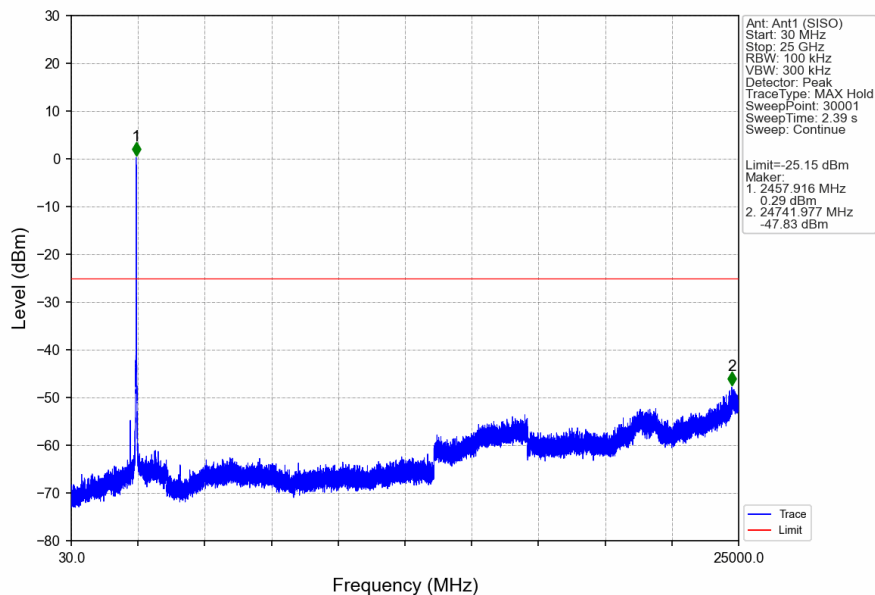
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