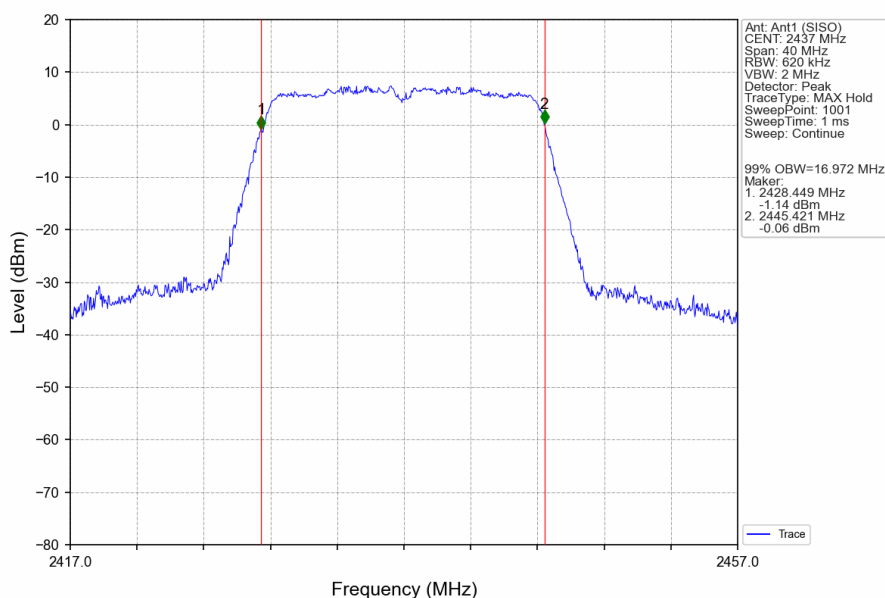
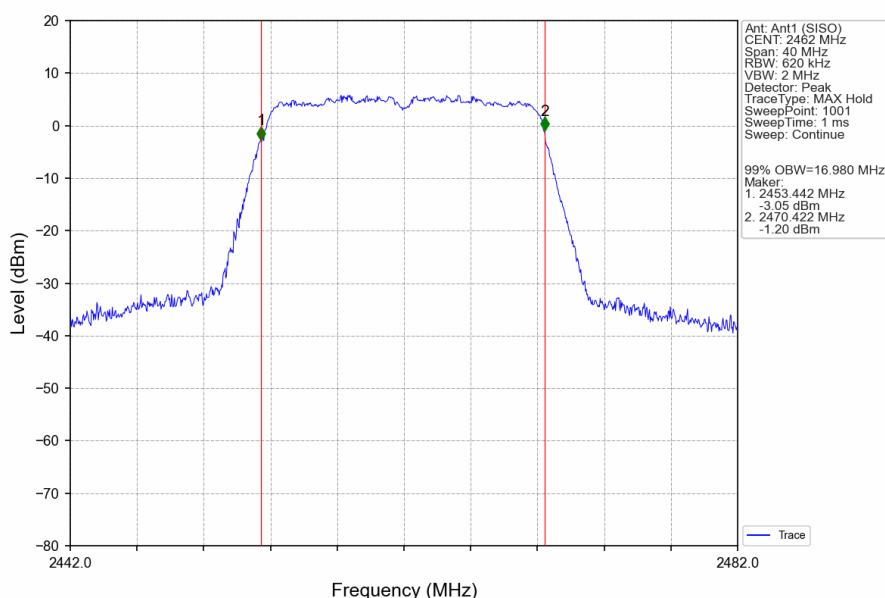


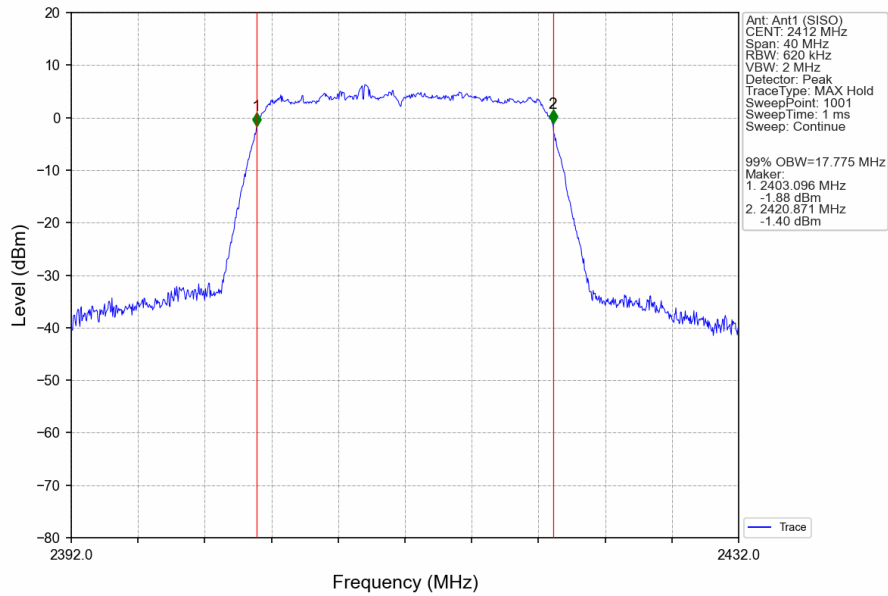
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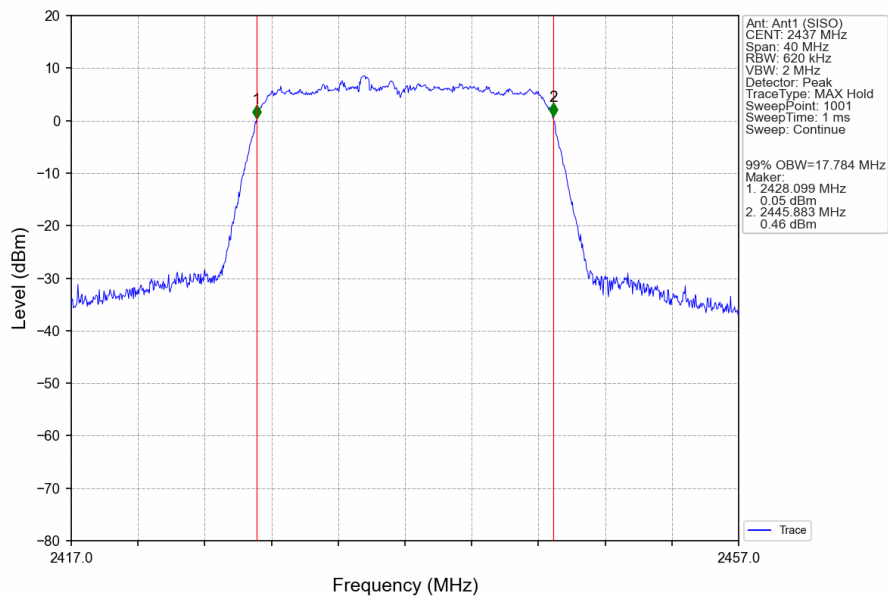
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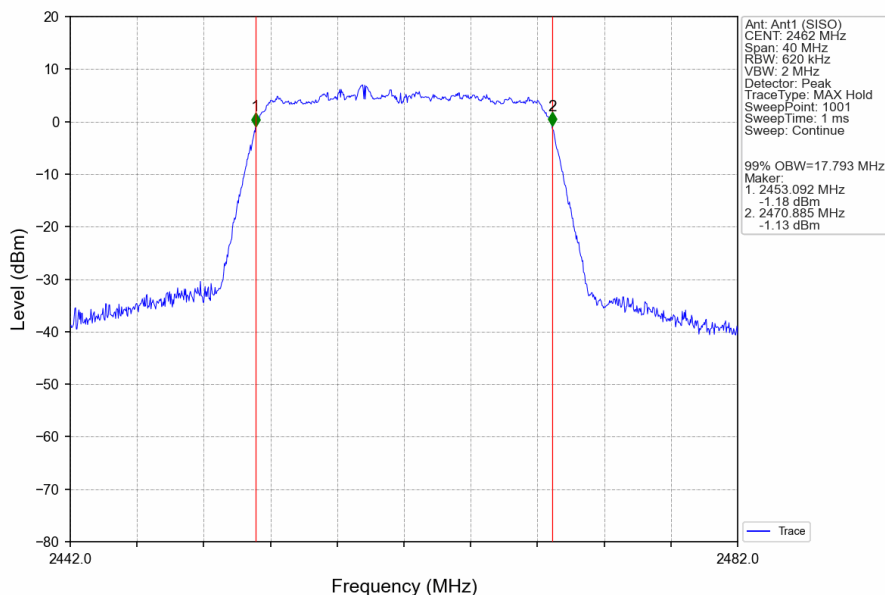
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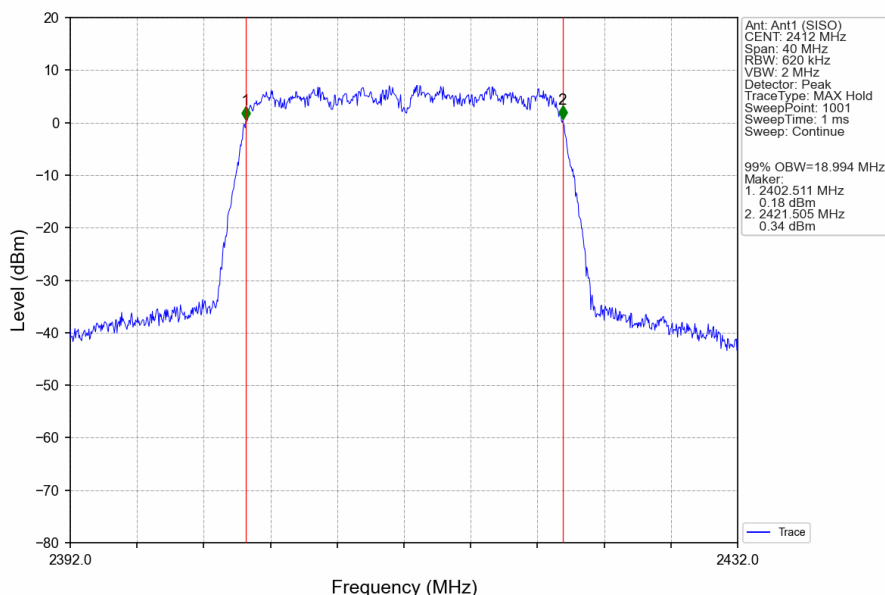
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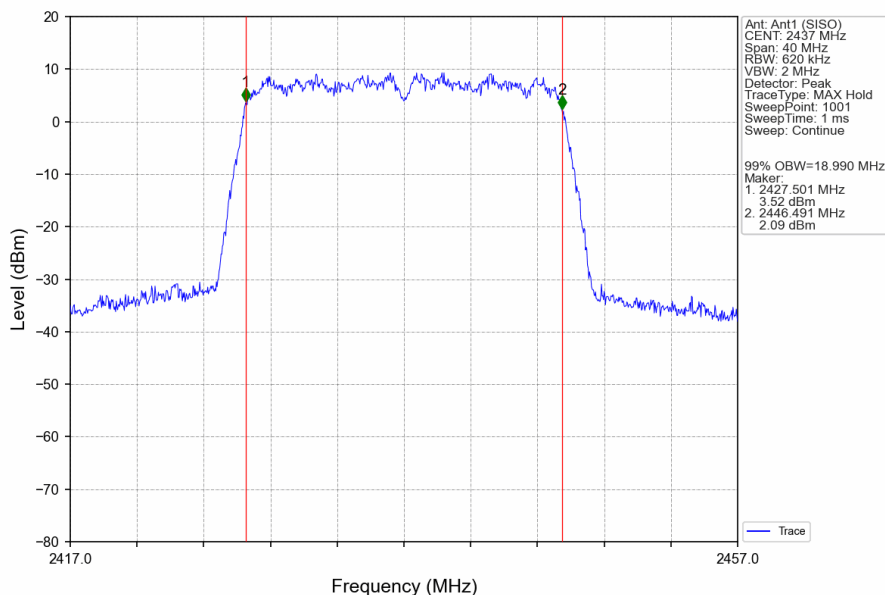
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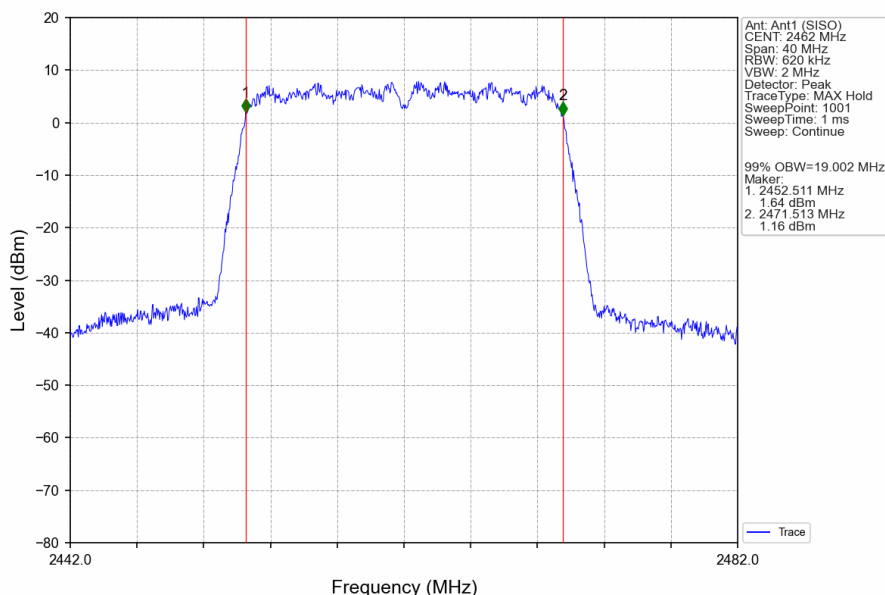
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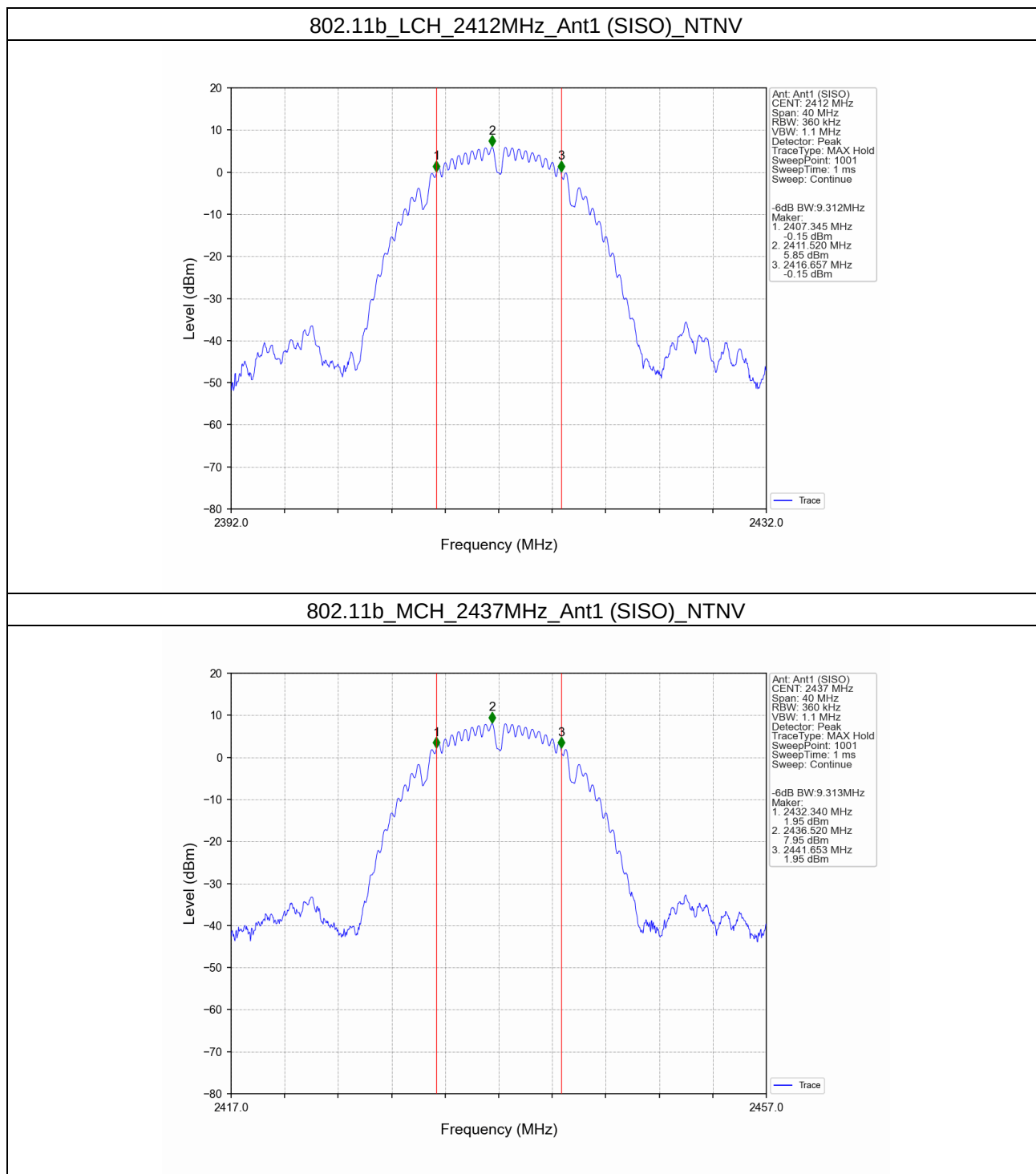
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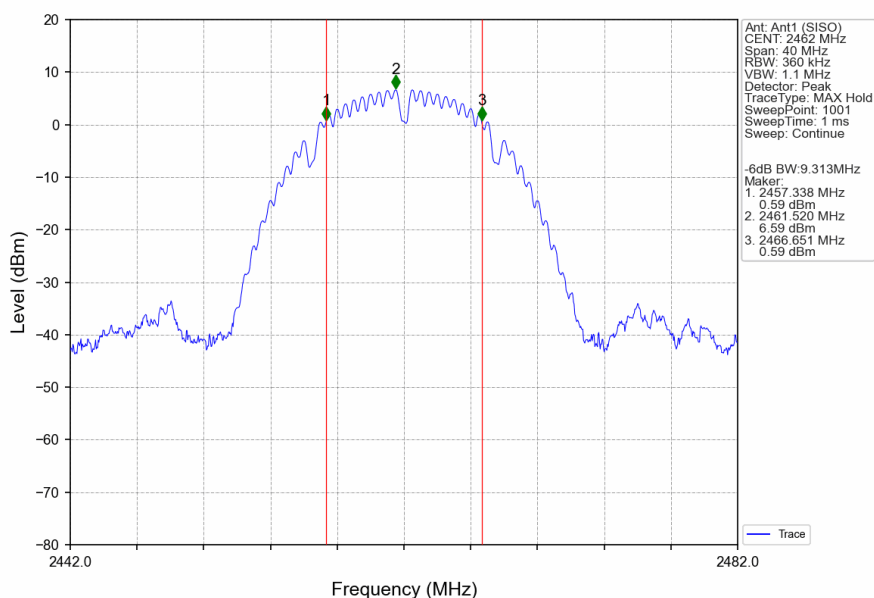
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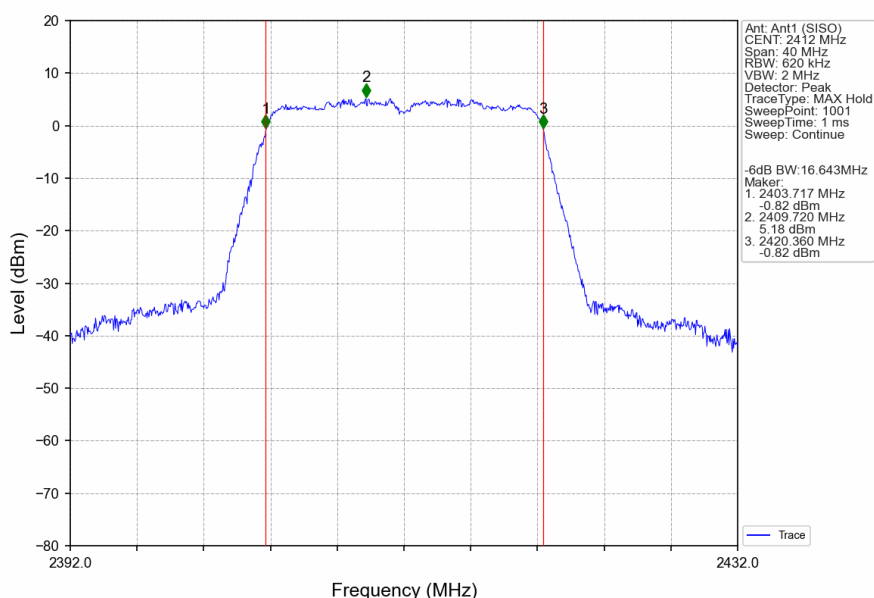
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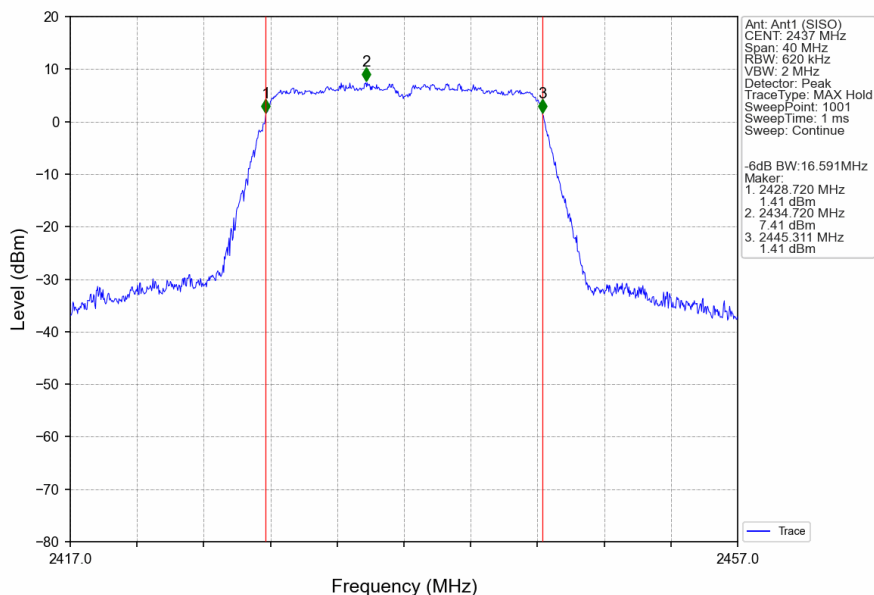
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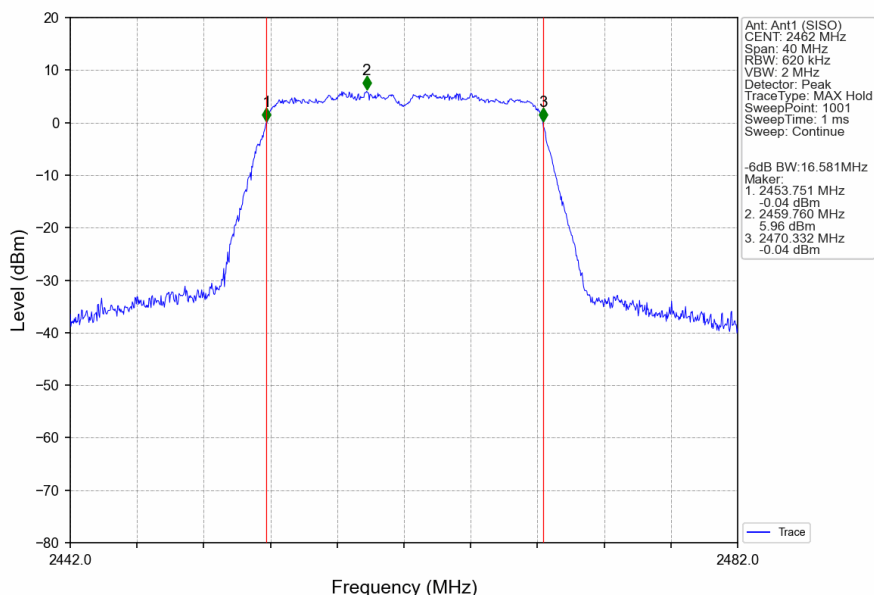
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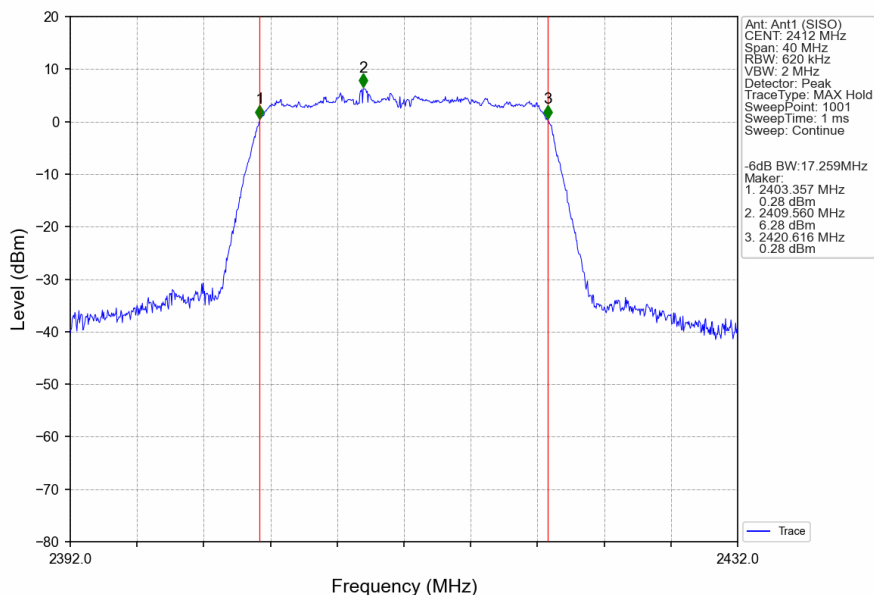
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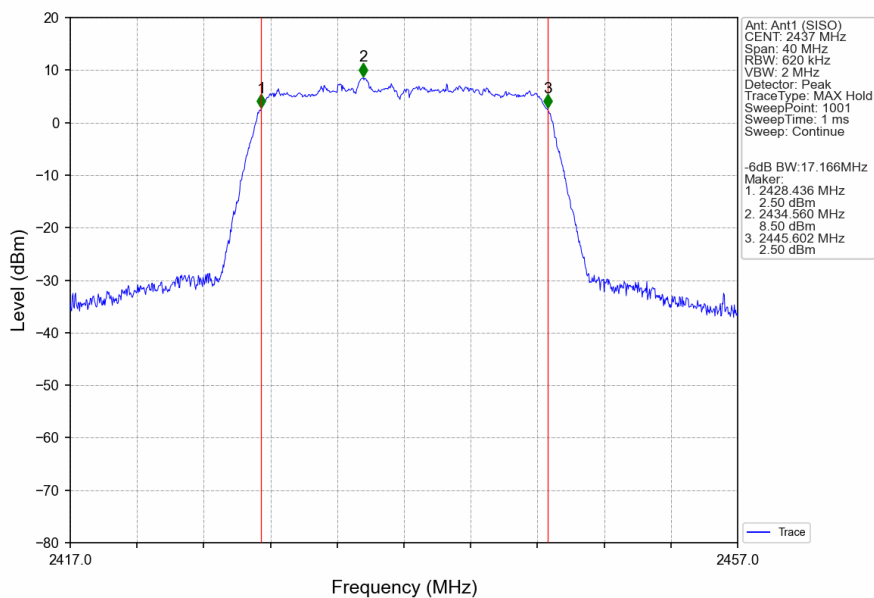
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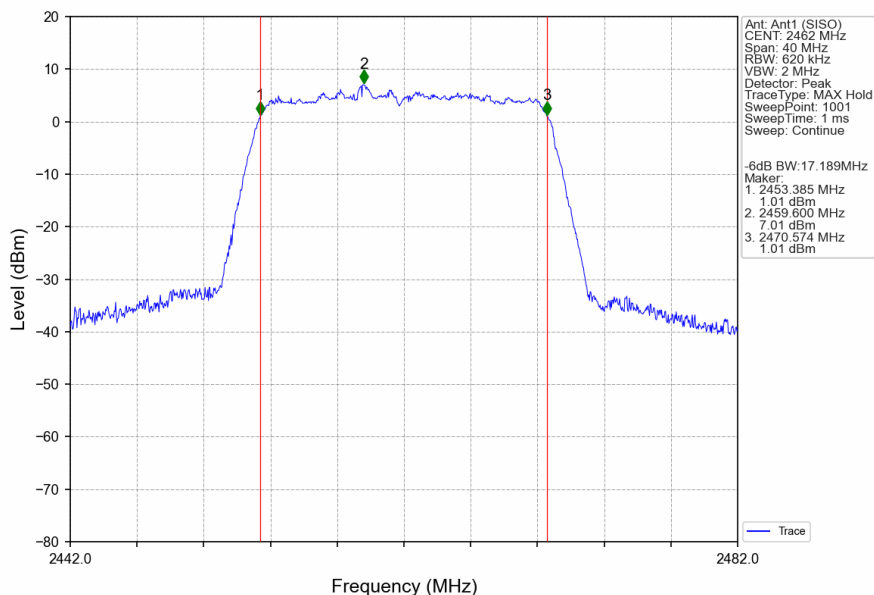
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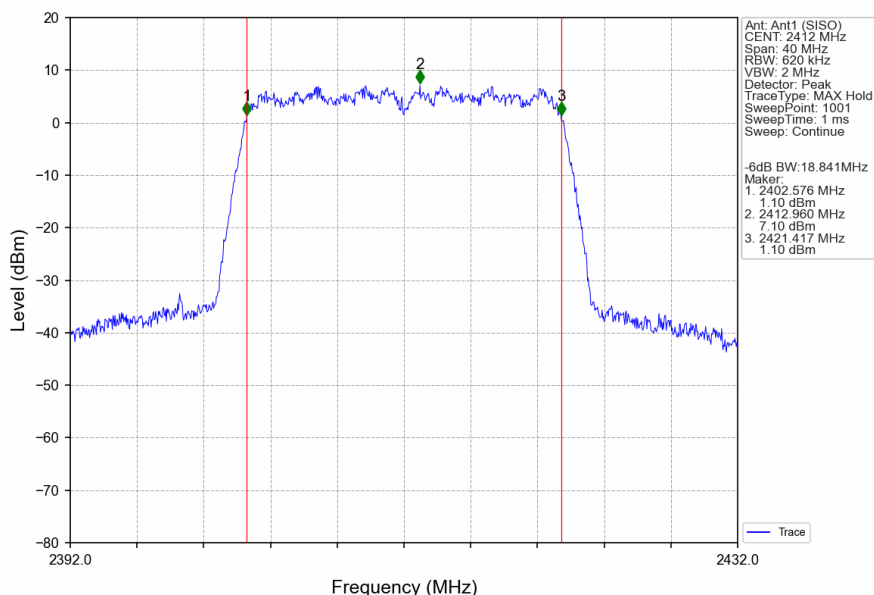
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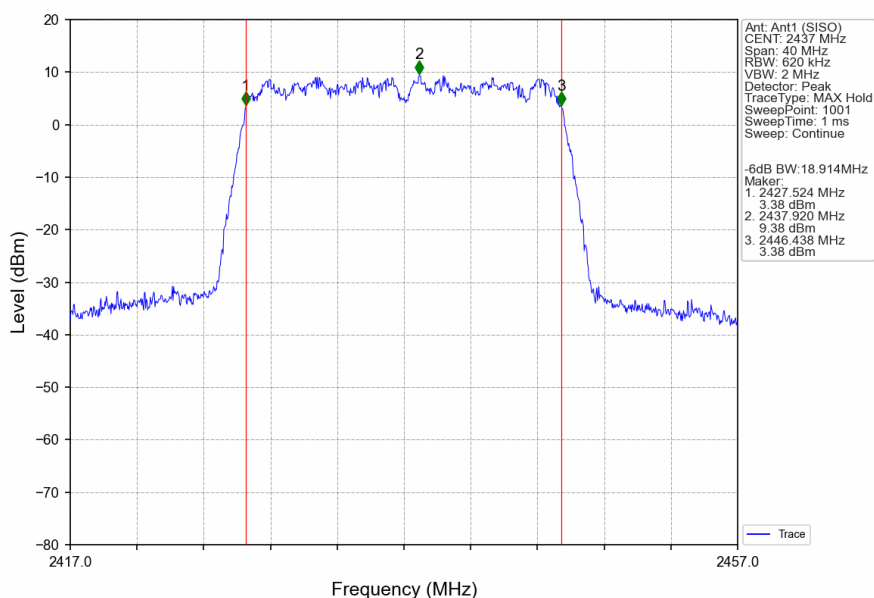
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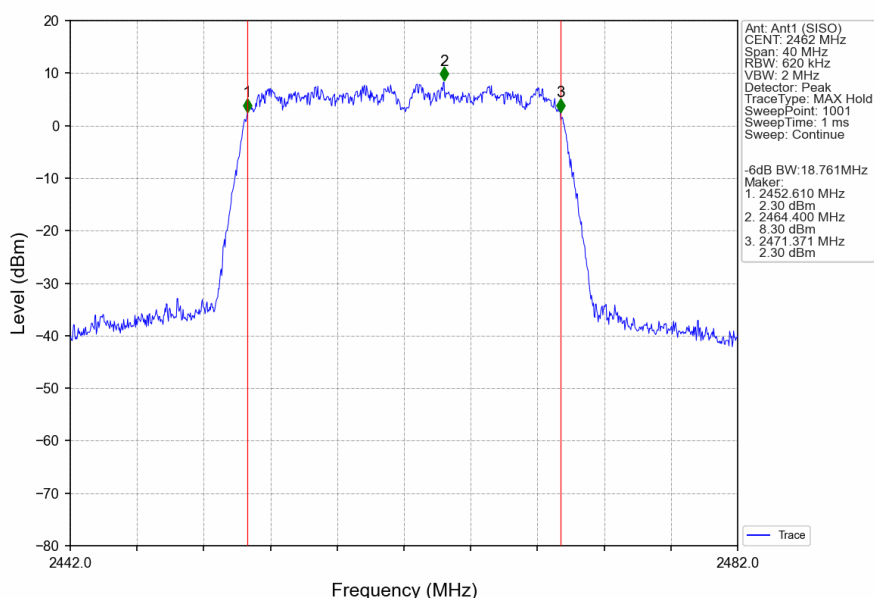
802.11ax(HEW20)_LCH_2412MHz_SU_ / _Ant1 (SISO)_NTNV



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



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



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	16.40	<=30	Pass
		2437	/	/	18.65	<=30	Pass
		2462	/	/	16.31	<=30	Pass
802.11g	SISO	2412	/	/	13.11	<=30	Pass
		2437	/	/	15.30	<=30	Pass
		2462	/	/	13.19	<=30	Pass
802.11n (HT20)	SISO	2412	/	/	13.08	<=30	Pass
		2437	/	/	15.30	<=30	Pass
		2462	/	/	13.06	<=30	Pass
802.11ax (HEW20)	SISO	2412	SU	/	12.00	<=30	Pass
		2437	SU	/	14.29	<=30	Pass
		2462	SU	/	11.84	<=30	Pass

Note1: Antenna Gain: Ant1: 3.91dBi;



4. Maximum Power Spectral Density

4.1 Test Result

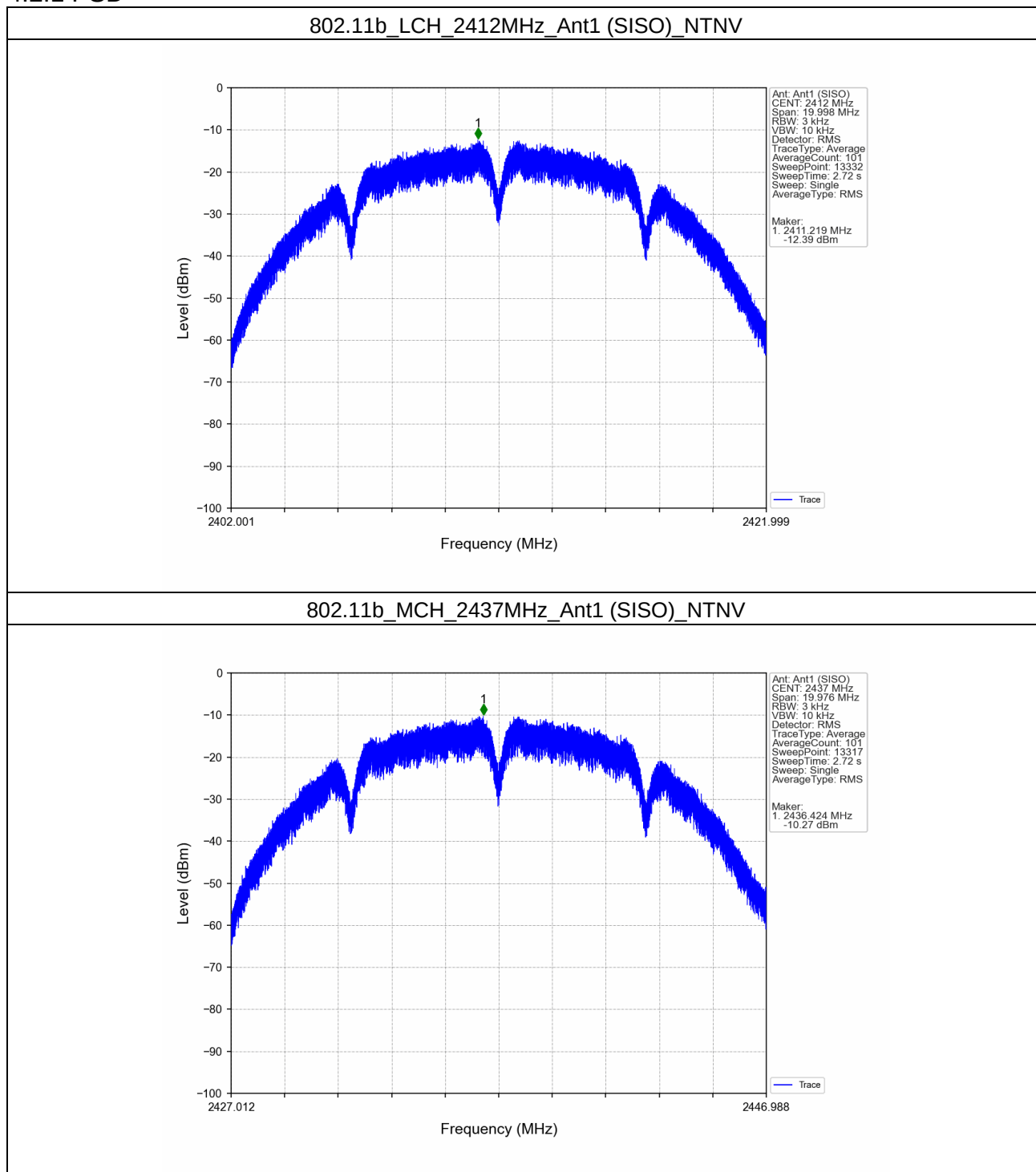
4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/3kHz)		Verdict
					ANT1	Limit	
802.11b	SISO	2412	/	/	-12.39	<=8	Pass
		2437	/	/	-10.27	<=8	Pass
		2462	/	/	-12.31	<=8	Pass
802.11g	SISO	2412	/	/	-19.33	<=8	Pass
		2437	/	/	-16.98	<=8	Pass
		2462	/	/	-19.06	<=8	Pass
802.11n (HT20)	SISO	2412	/	/	-19.04	<=8	Pass
		2437	/	/	-16.54	<=8	Pass
		2462	/	/	-18.83	<=8	Pass
802.11ax (HEW20)	SISO	2412	SU	/	-22.51	<=8	Pass
		2437	SU	/	-20.41	<=8	Pass
		2462	SU	/	-22.85	<=8	Pass

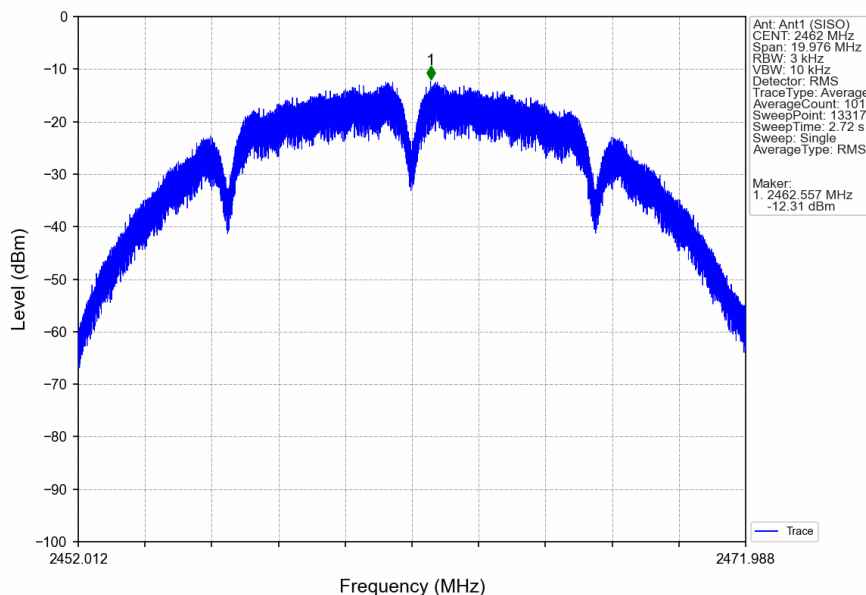
Note1: Antenna Gain: Ant1: 3.91dBi;

4.2 Test Graph

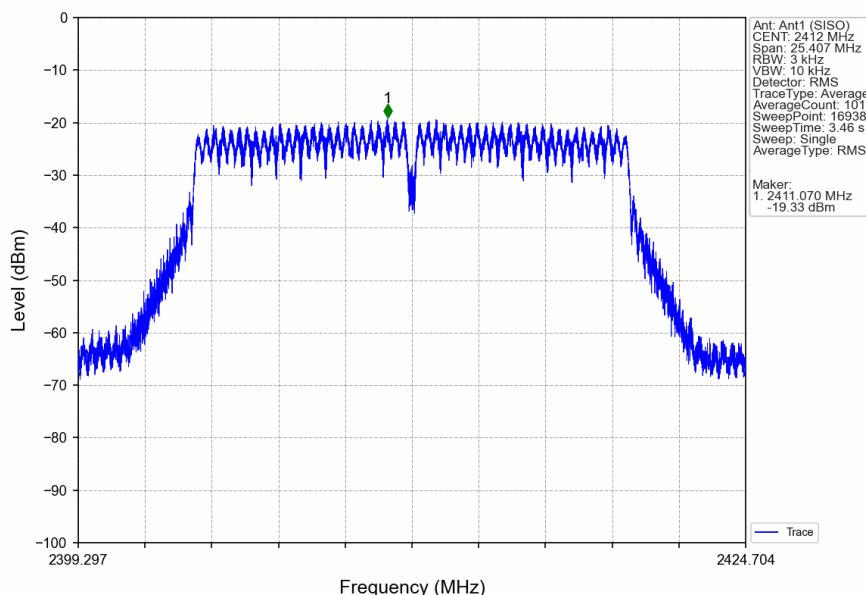
4.2.1 PSD



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



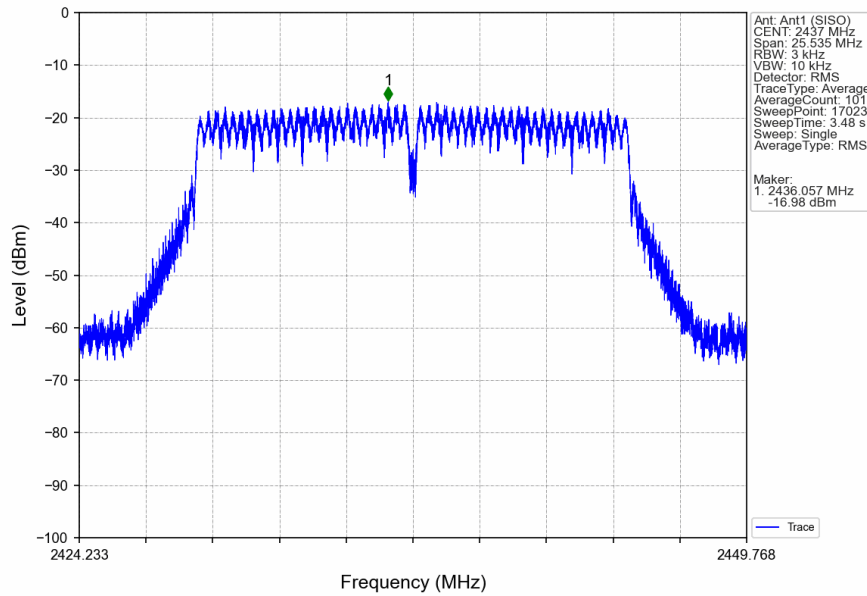
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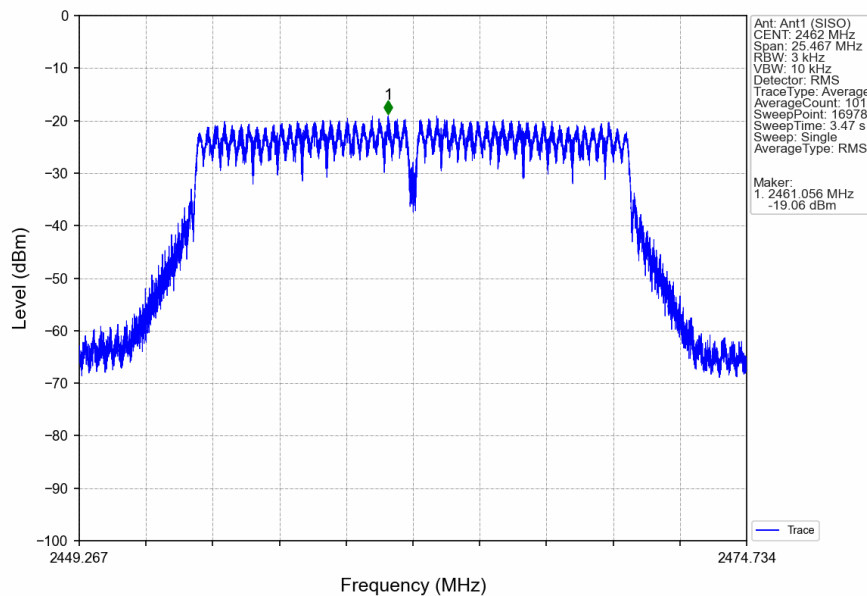
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



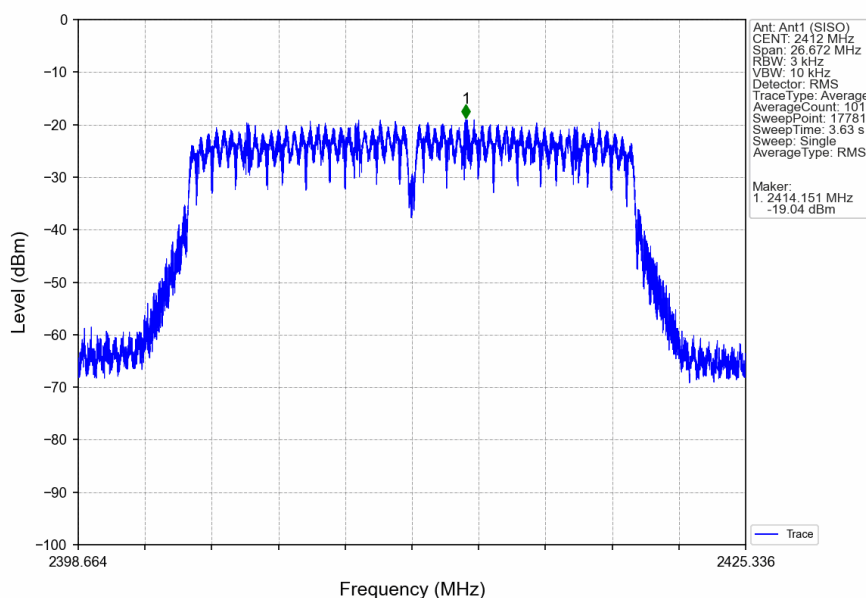
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



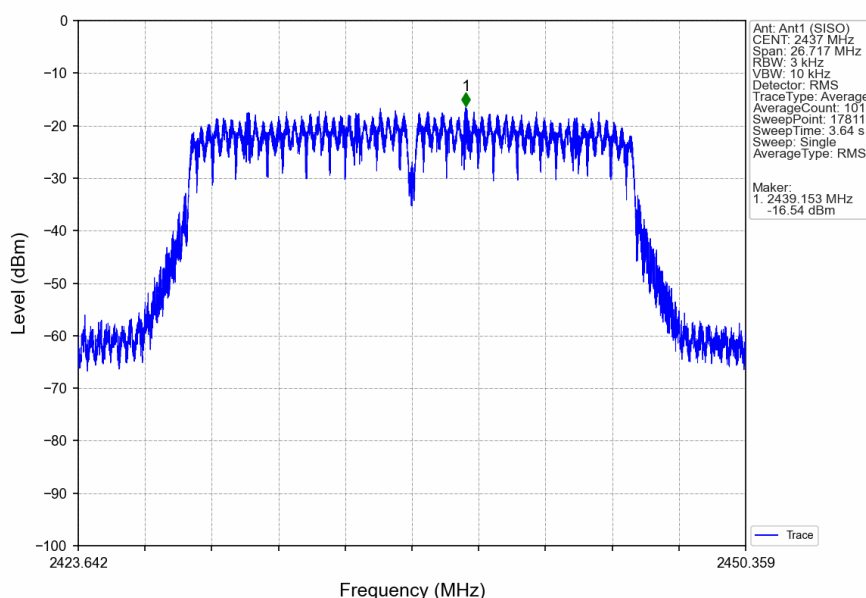
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802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



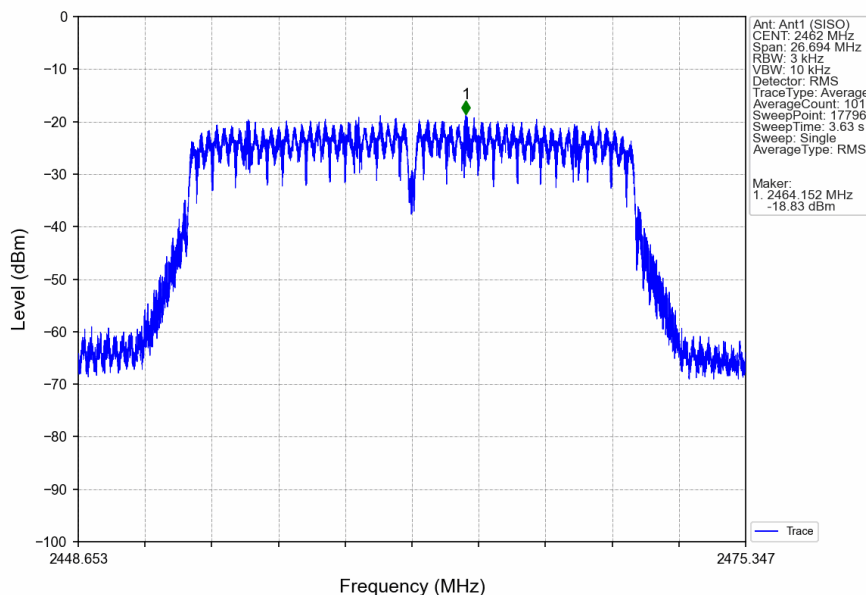
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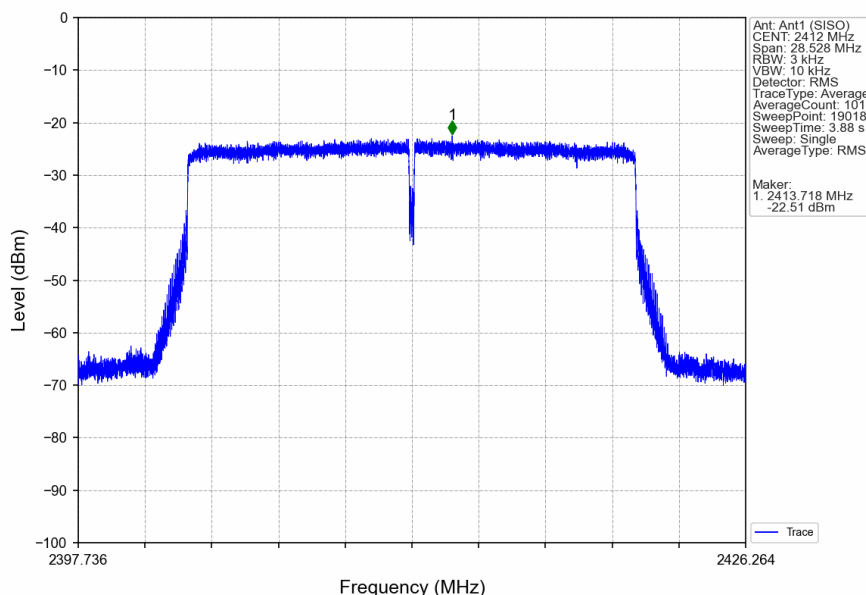
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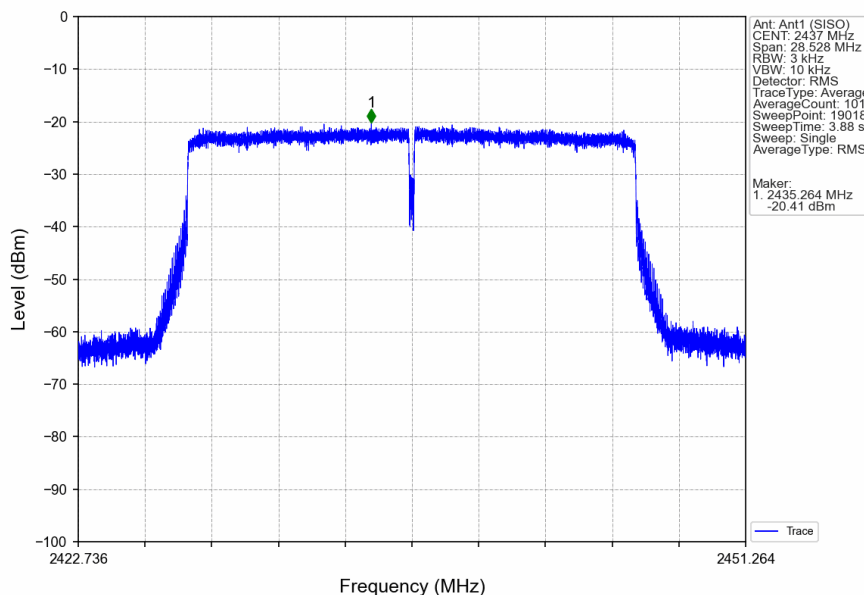
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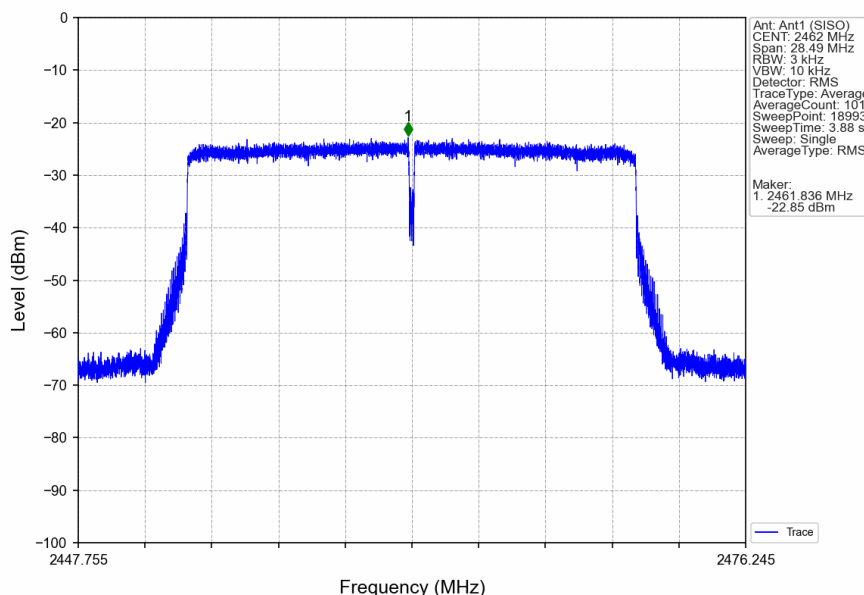
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



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



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



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	6.49
		2437	/	/	1	8.81
		2462	/	/	1	6.45
802.11g	SISO	2412	/	/	1	2.10
		2437	/	/	1	4.46
		2462	/	/	1	2.42
802.11n (HT20)	SISO	2412	/	/	1	2.44
		2437	/	/	1	4.58
		2462	/	/	1	2.26
802.11ax (HEW20)	SISO	2412	SU	/	1	0.55
		2437	SU	/	1	3.13
		2462	SU	/	1	0.44

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250700309503

Page: 138 of 154

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	8.81	-21.19	Pass
		2437	/	/	1	8.81	-21.19	Pass
		2462	/	/	1	8.81	-21.19	Pass
802.11g	SISO	2412	/	/	1	4.46	-25.54	Pass
		2437	/	/	1	4.46	-25.54	Pass
		2462	/	/	1	4.46	-25.54	Pass
802.11n (HT20)	SISO	2412	/	/	1	4.58	-25.42	Pass
		2437	/	/	1	4.58	-25.42	Pass
		2462	/	/	1	4.58	-25.42	Pass
802.11ax (HEW20)	SISO	2412	SU	/	1	3.13	-26.87	Pass
		2437	SU	/	1	3.13	-26.87	Pass
		2462	SU	/	1	3.13	-26.87	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2020, the channel contains the maximum PSD level was used to establish the reference level.



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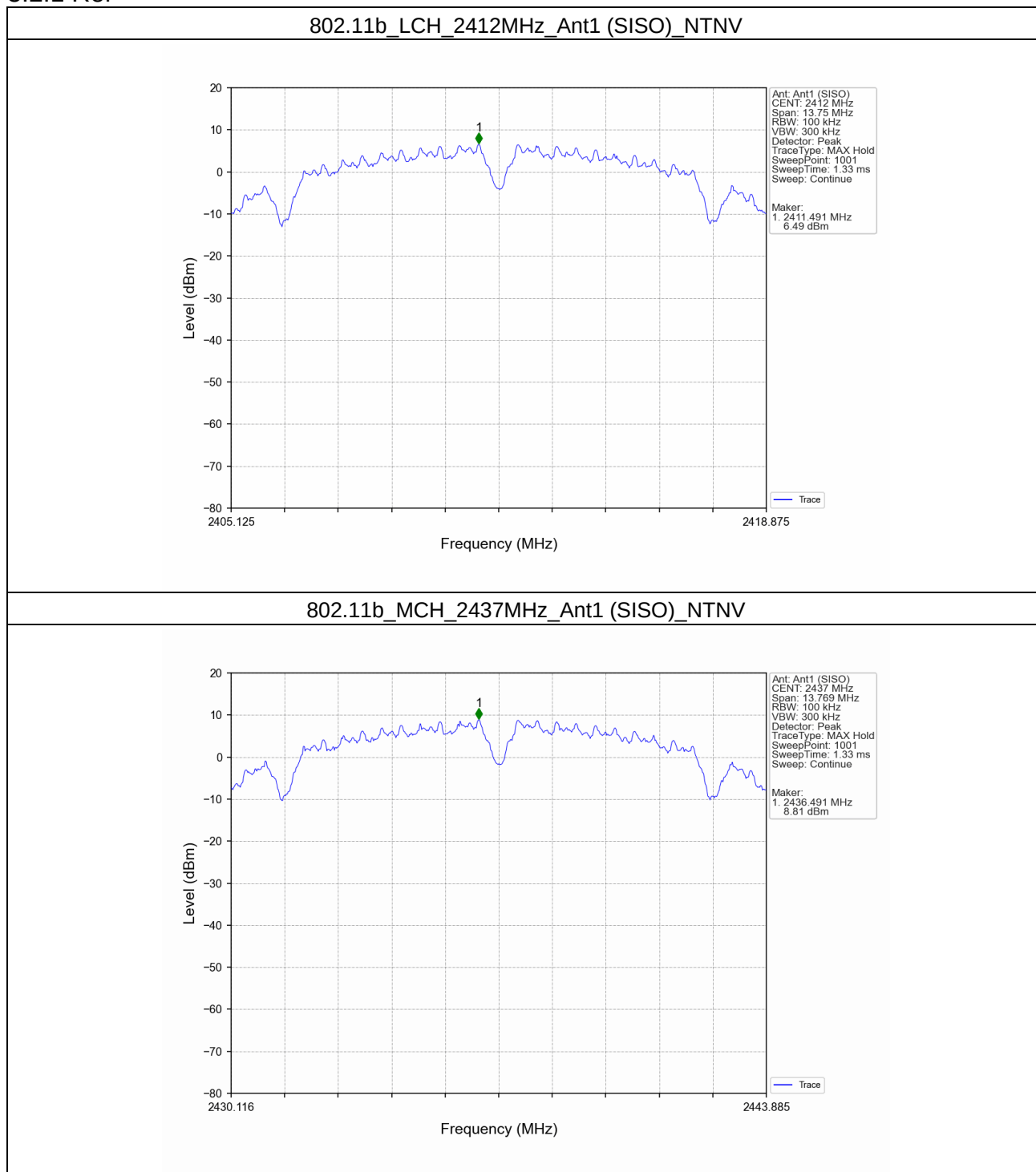
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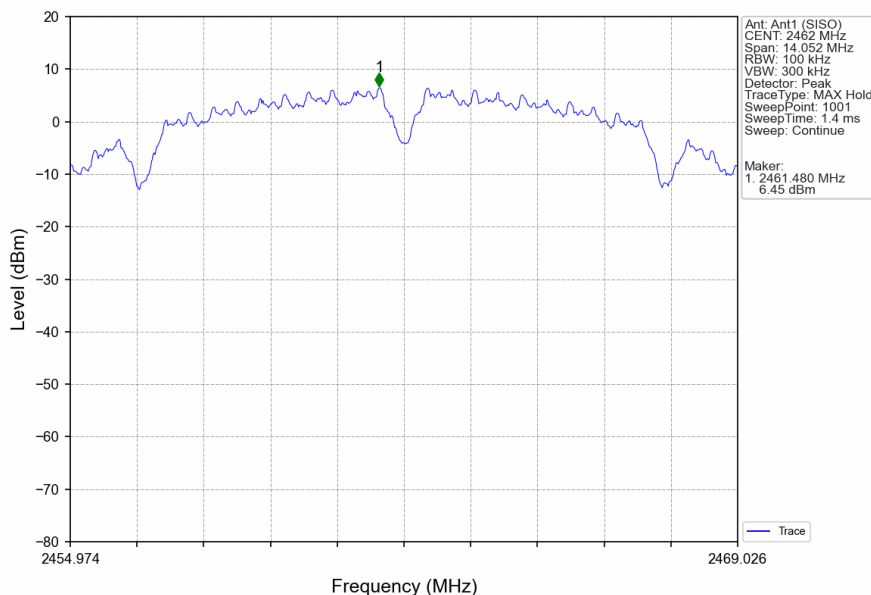
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5.2 Test Graph

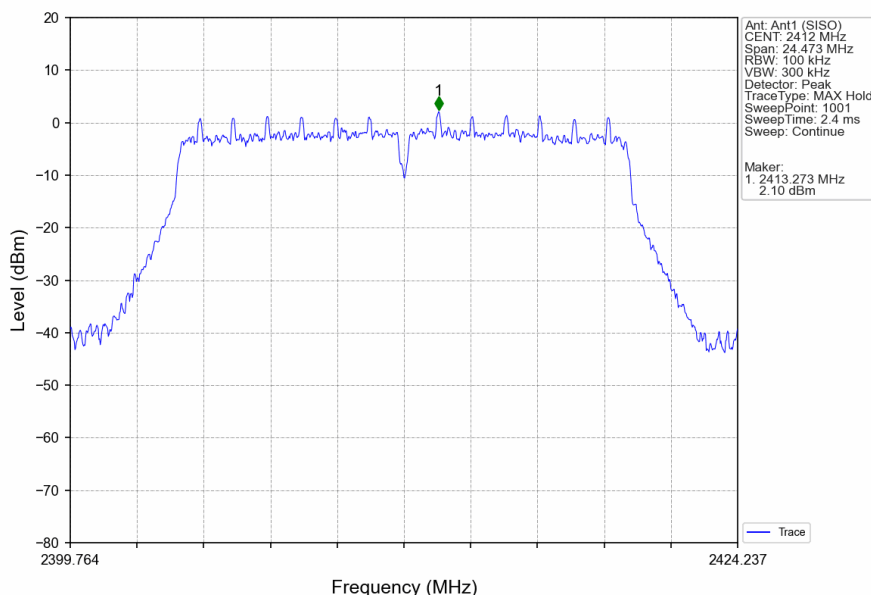
5.2.1 Ref



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



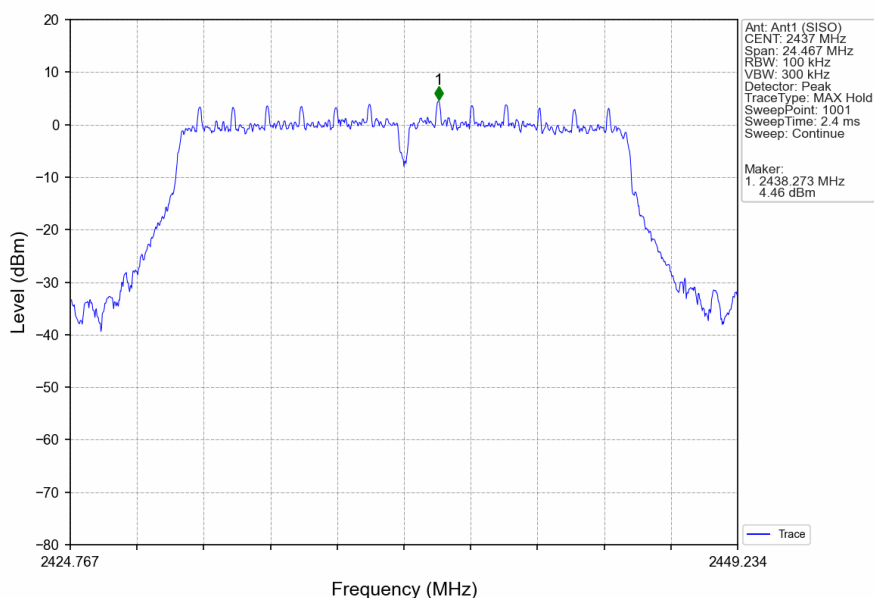
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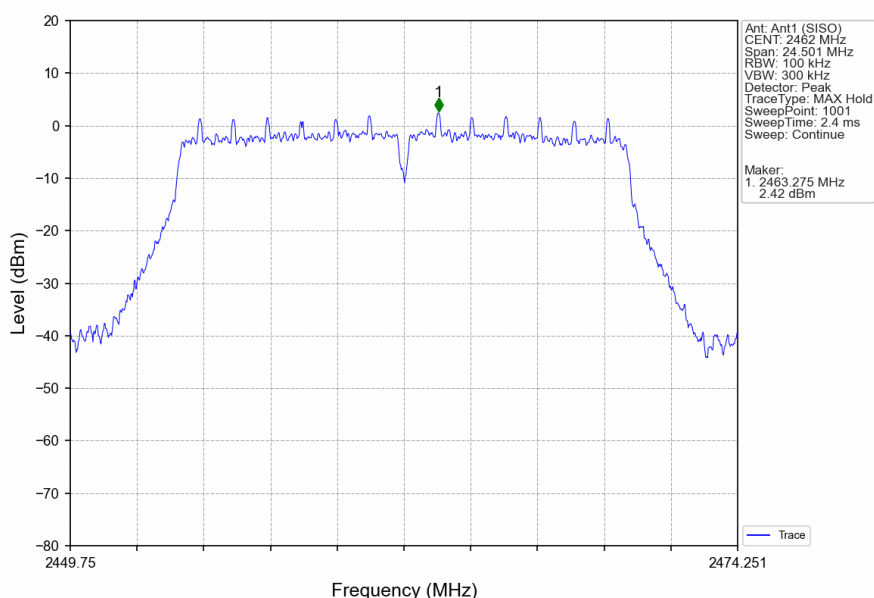
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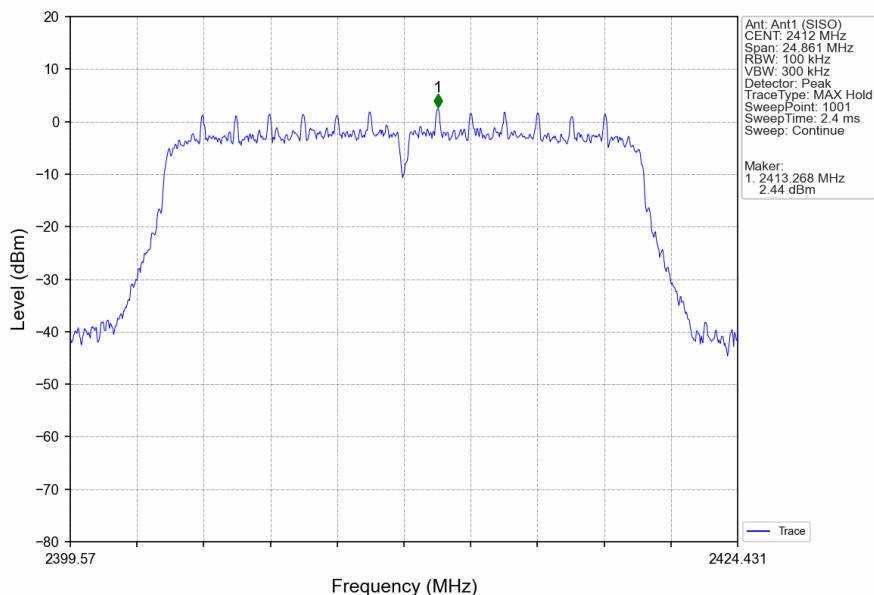
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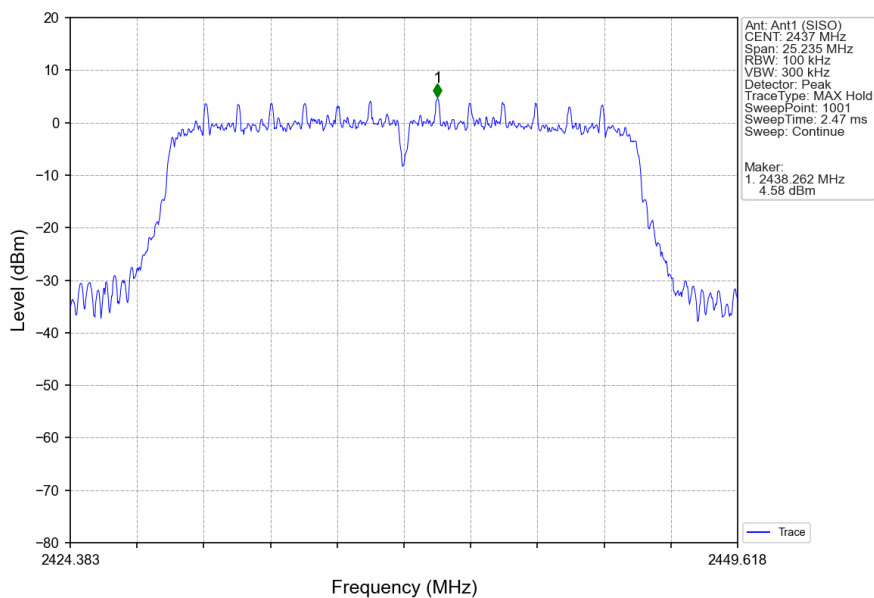
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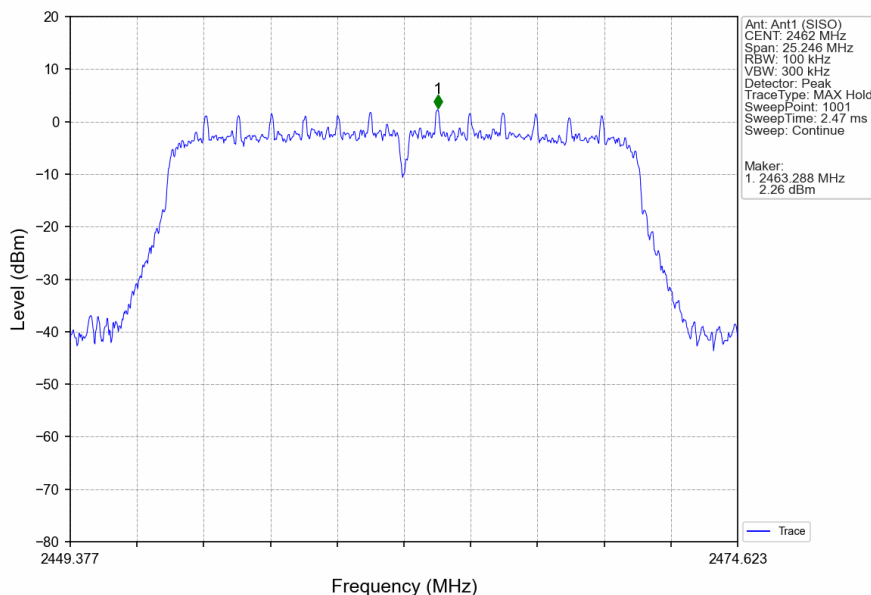
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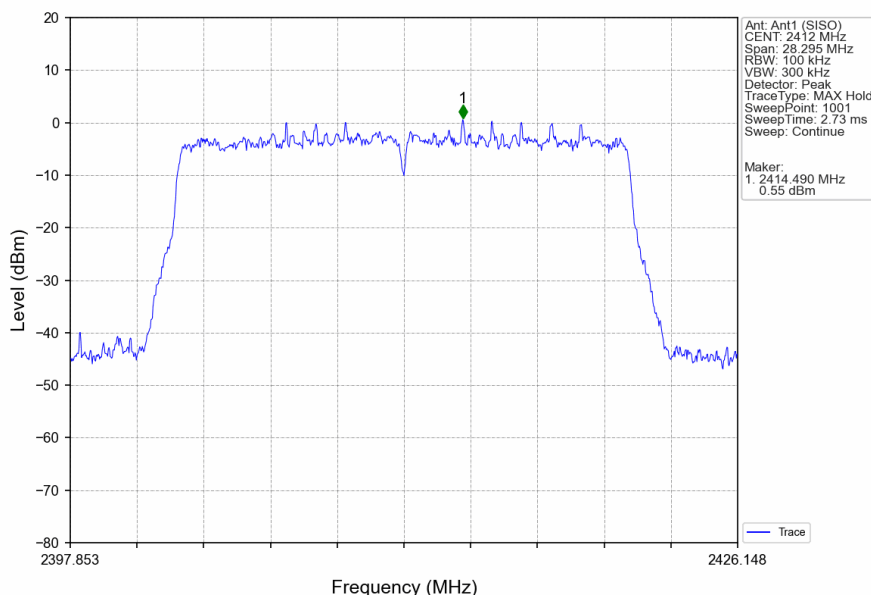
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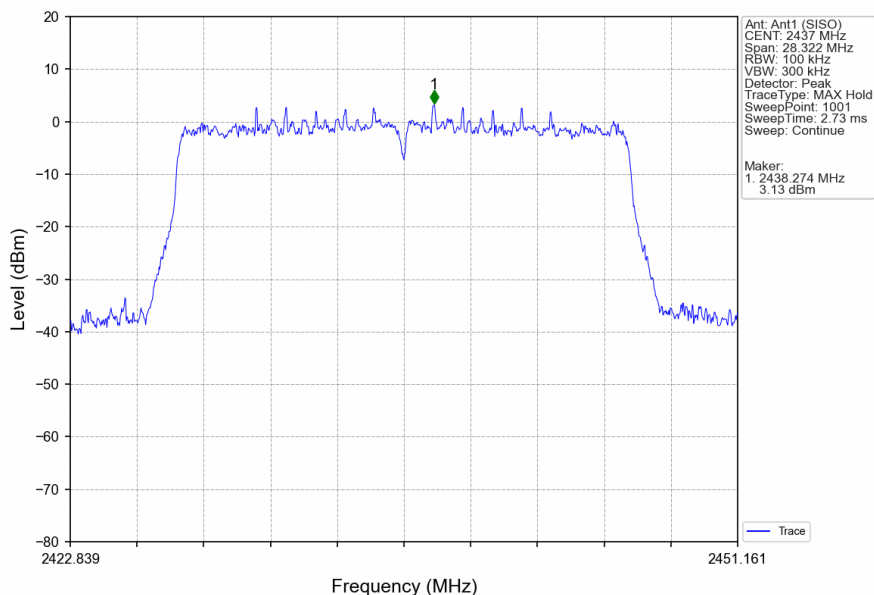
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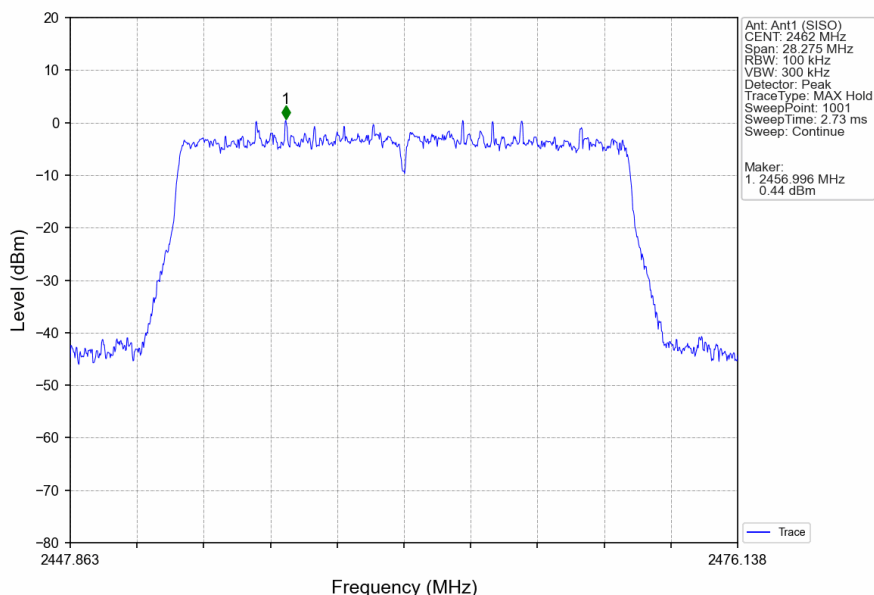
802.11ax(HEW20)_LCH_2412MHz_SU_/_Ant1 (SISO)_NTNV



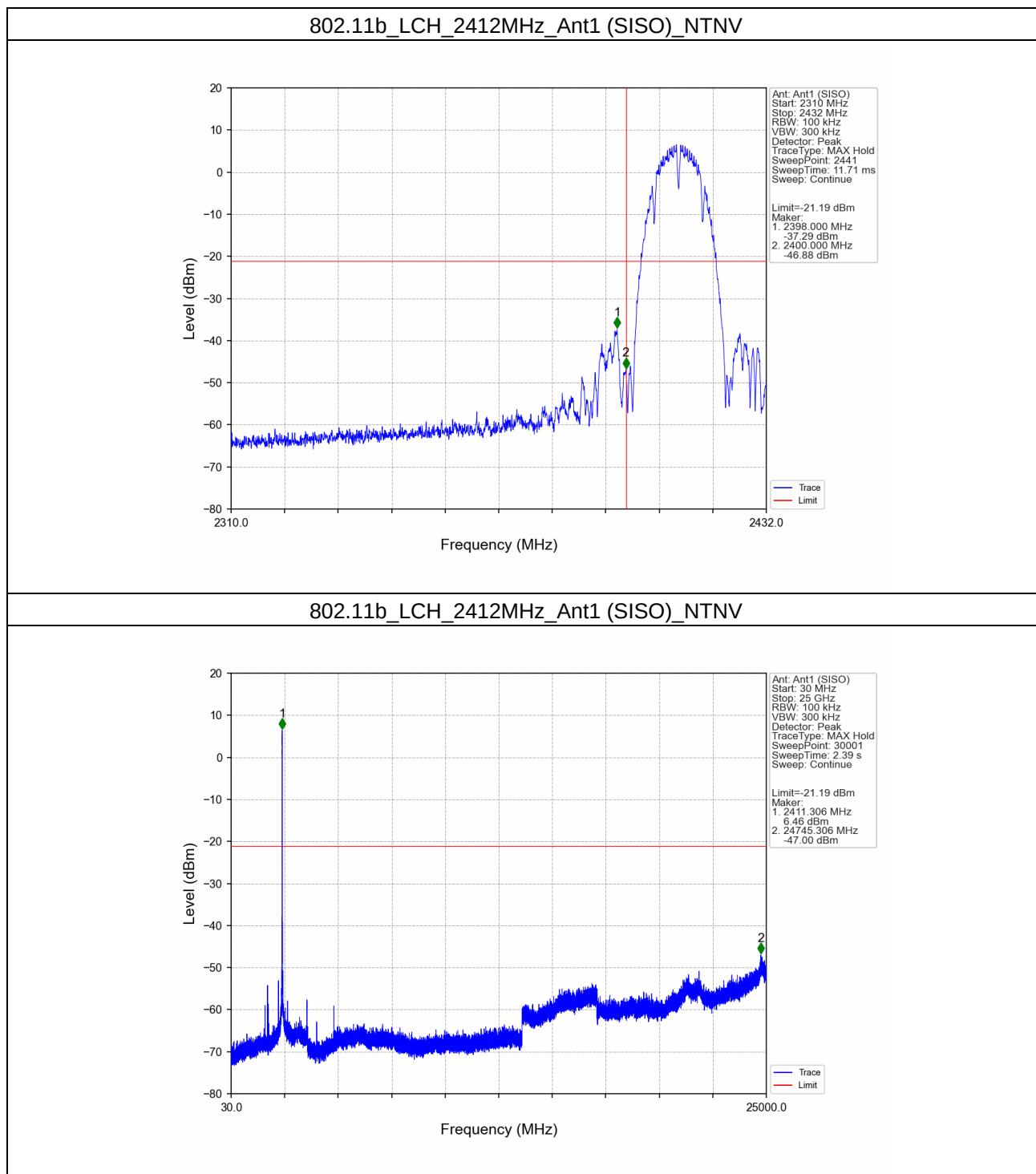
802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



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



5.2.2 CSE



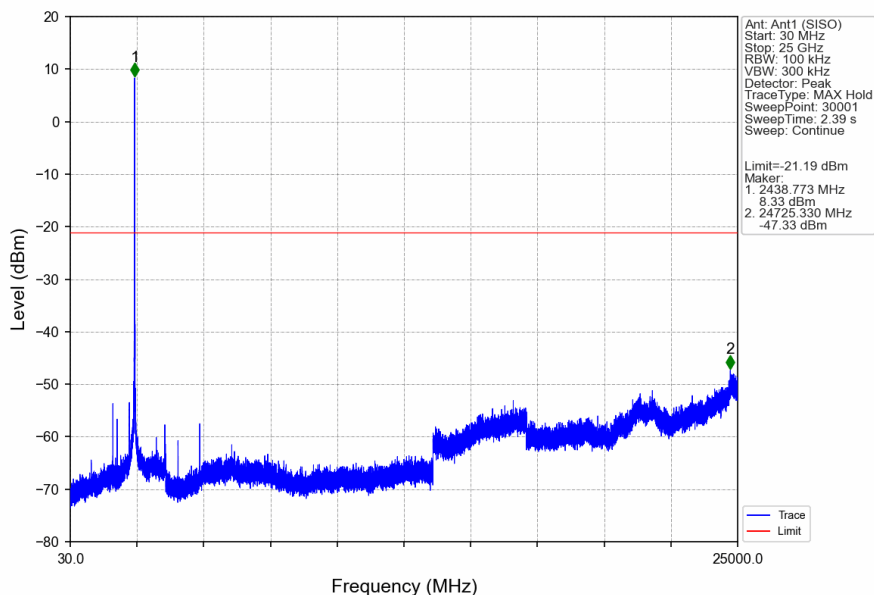
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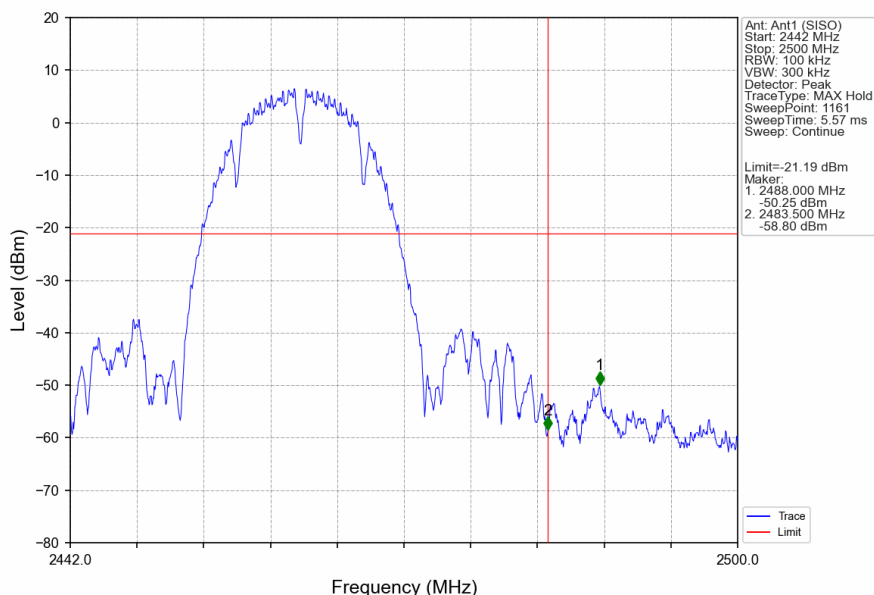
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



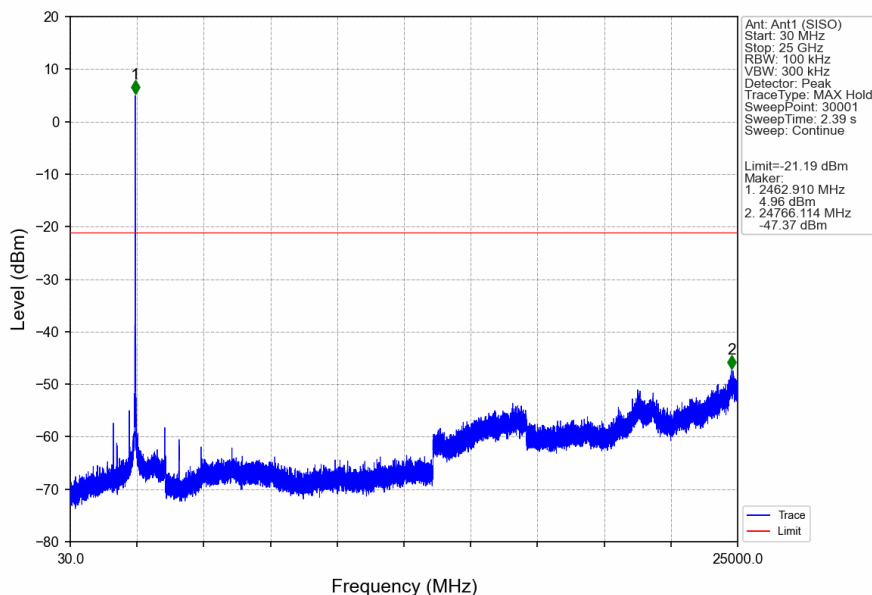
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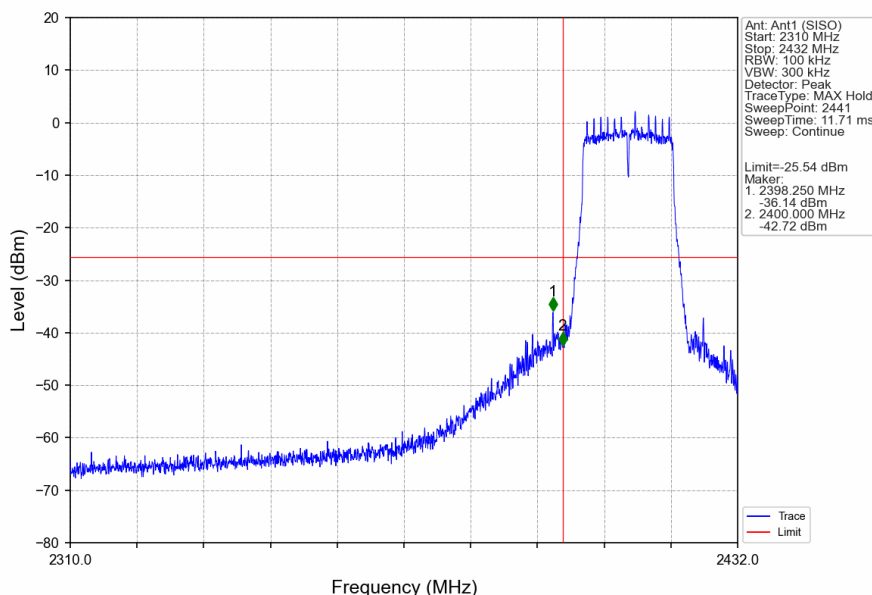
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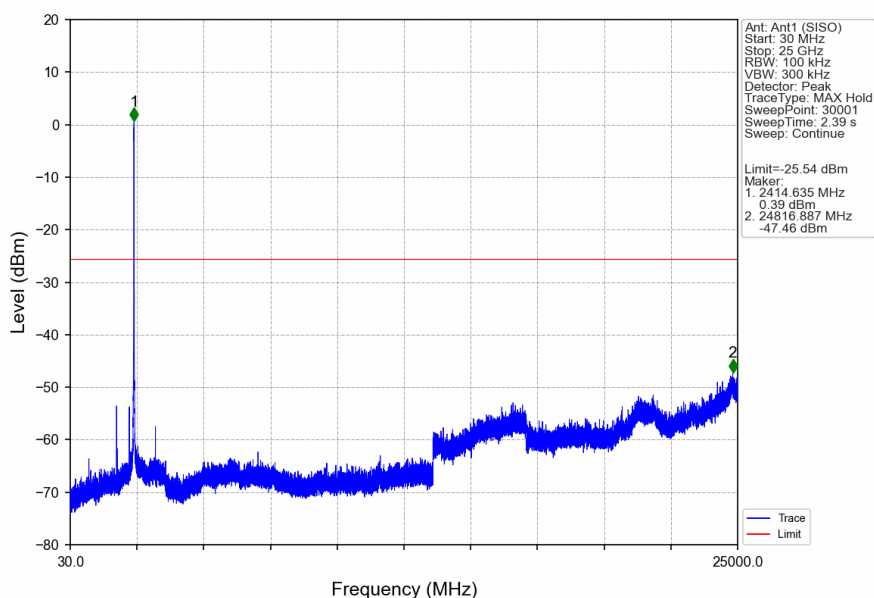
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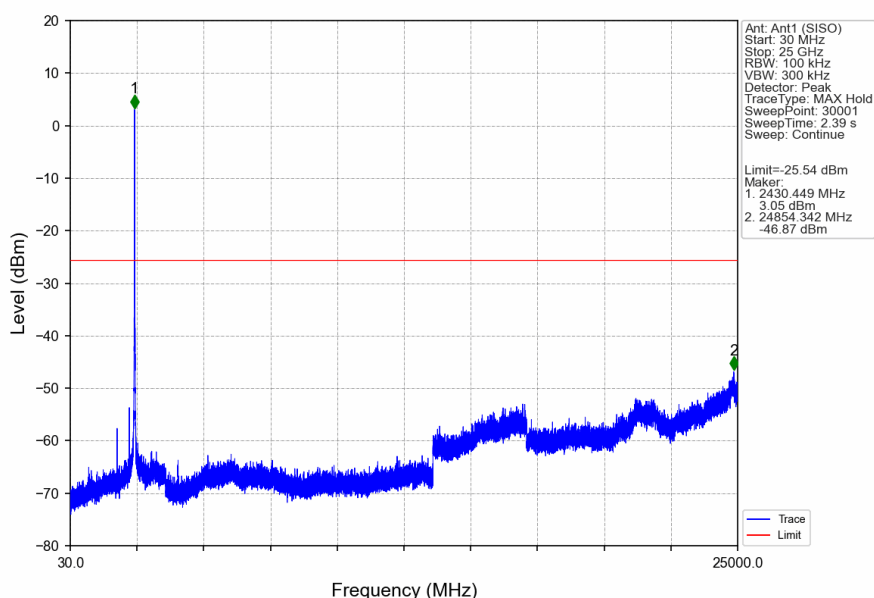
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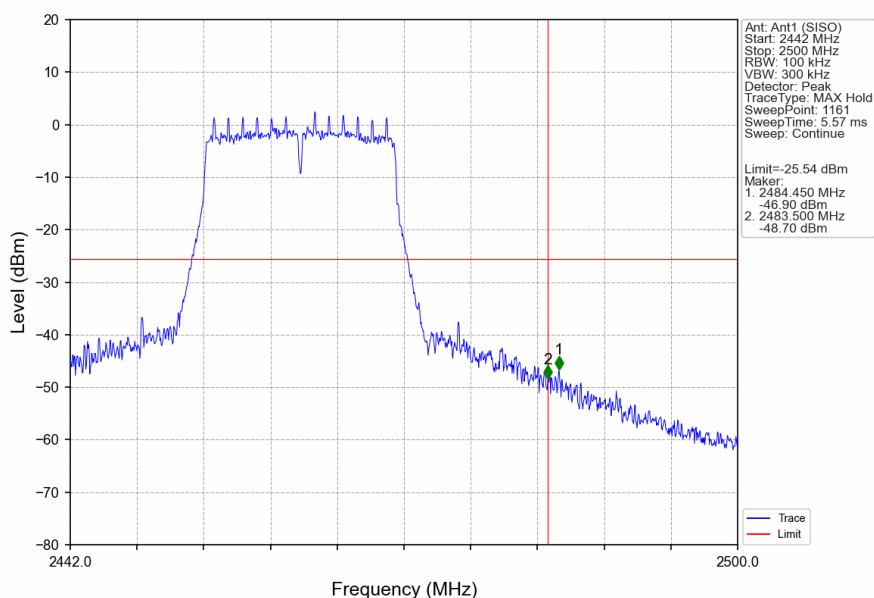
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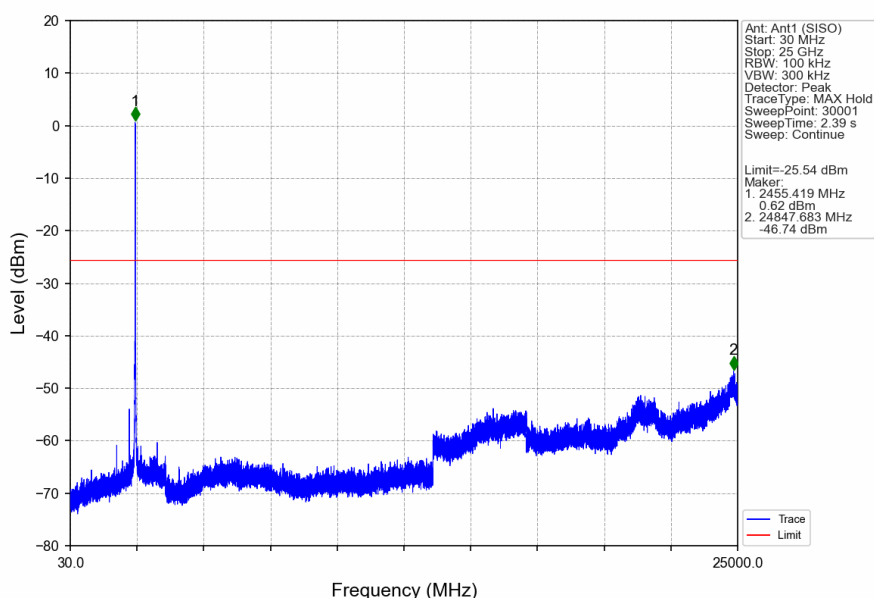
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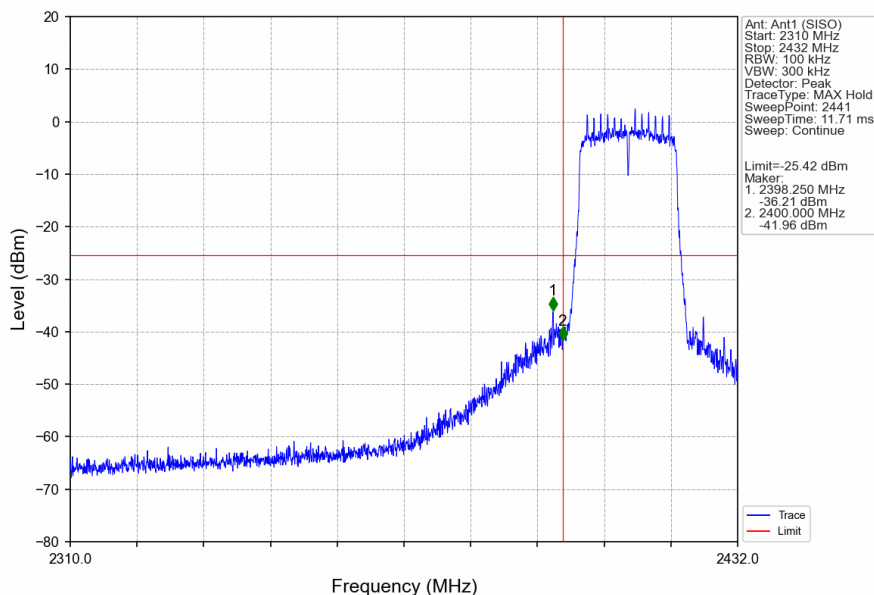
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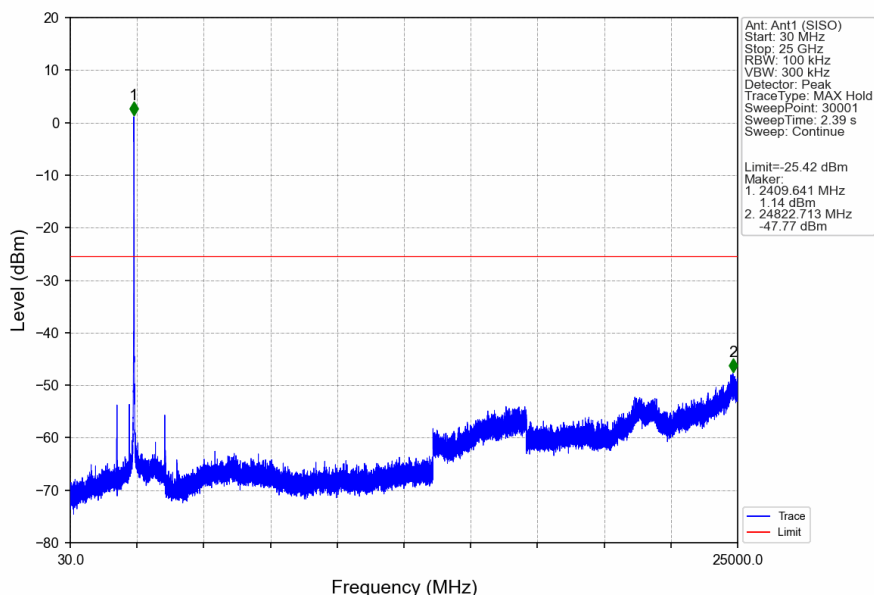
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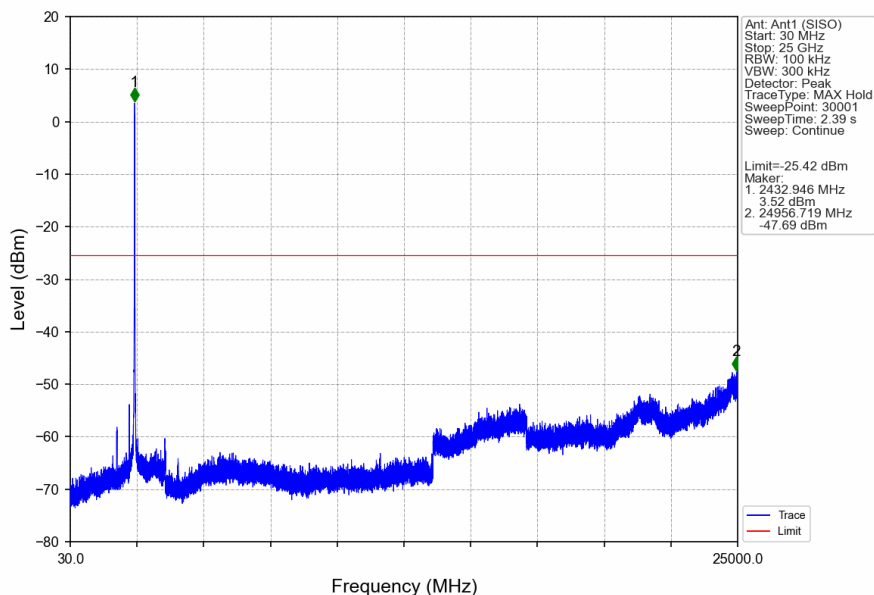
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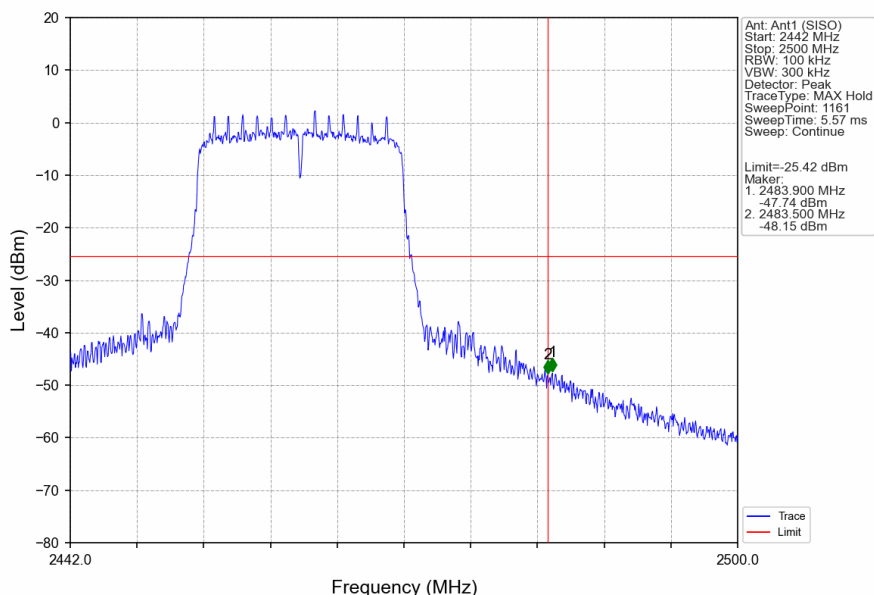
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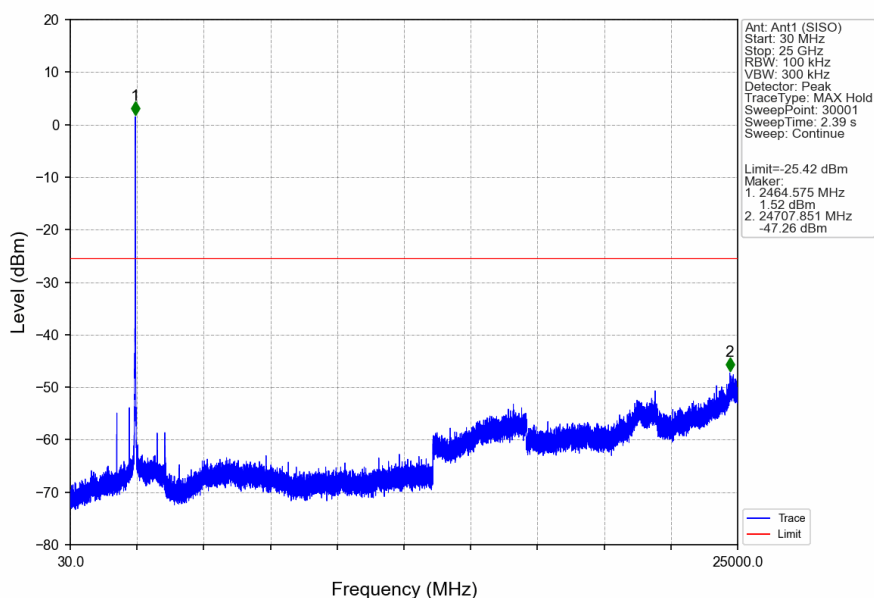
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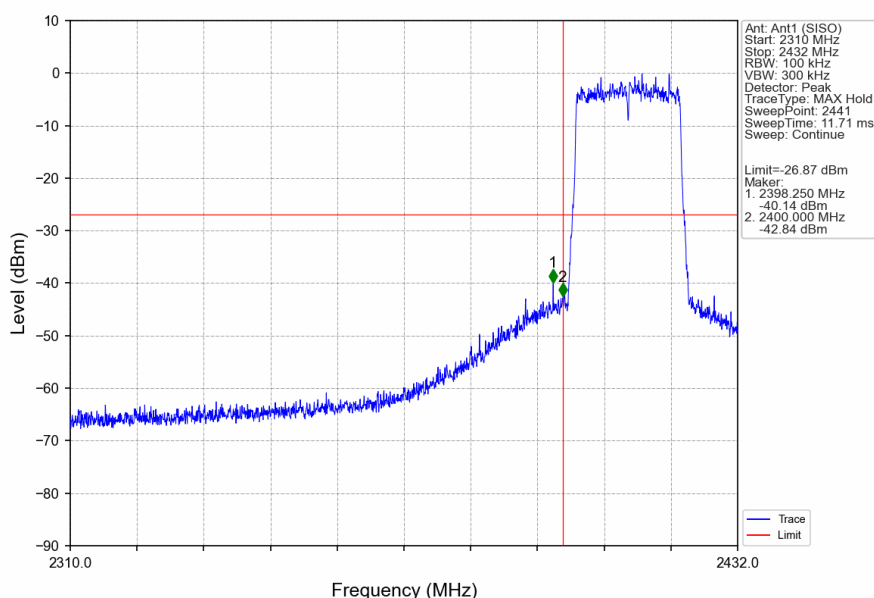
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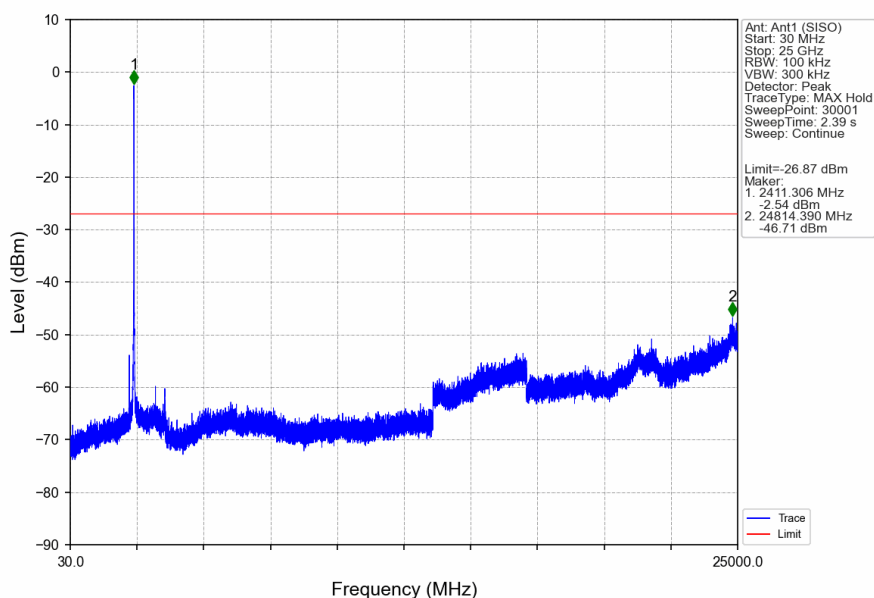
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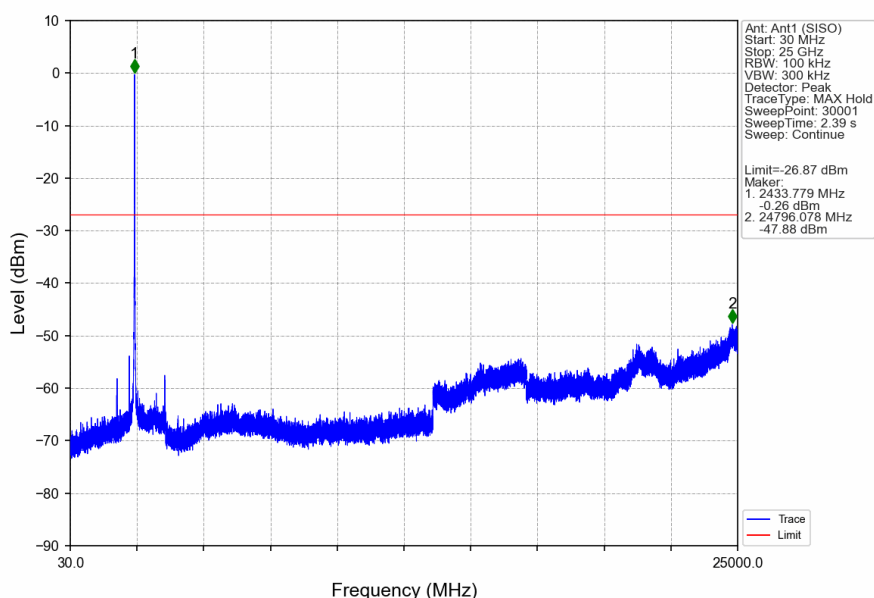
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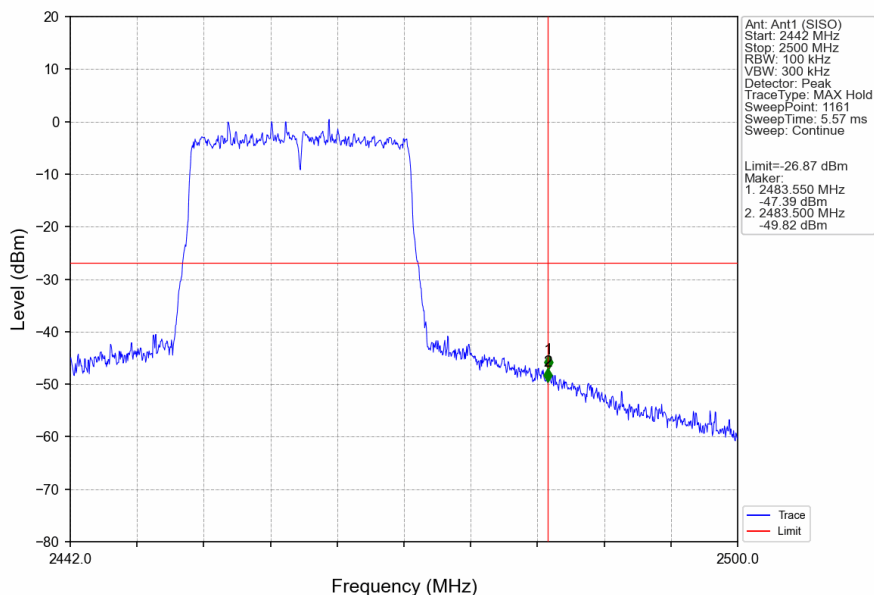
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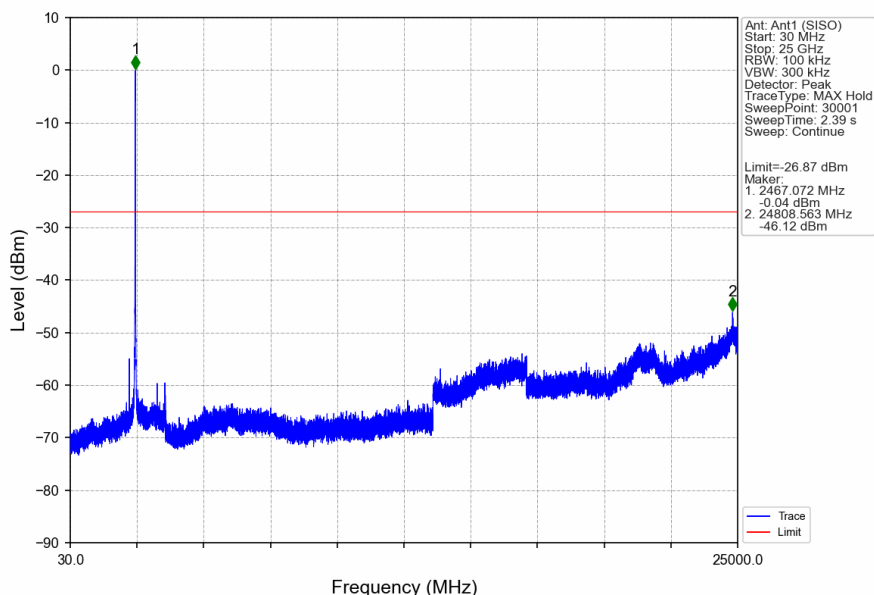
802.11ax(HEW20)_MCH_2437MHz_SU_/_Ant1 (SISO)_NTNV



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



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



- End of the Report -

