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Appendix A for SHEM210600605701

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

	Ant1								
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)		
		2402	100.00	100.00	100.00	0.00	0.00		
1M	SISO	2440	100.00	100.00	100.00	0.00	0.00		
		2480	100.00	100.00	100.00	0.00	0.00		
		2402	100.00	100.00	100.00	0.00	0.00		
2M	SISO	2440	100.00	100.00	100.00	0.00	0.00		
		2480	100.00	100.00	100.00	0.00	0.00		
Note1: Onl	Note1: Only for Report Use								



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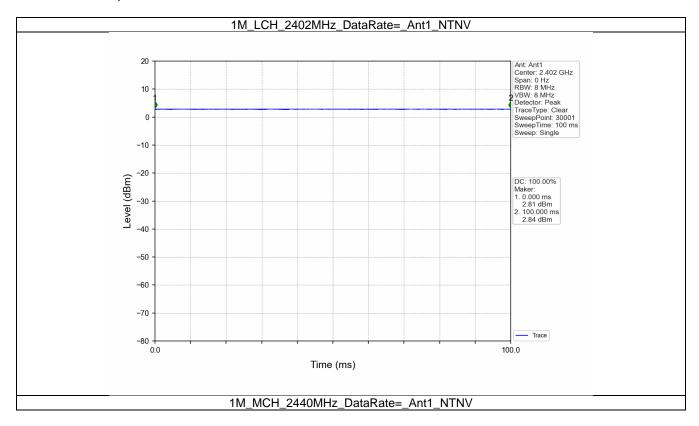
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1.1.2 Test Graph





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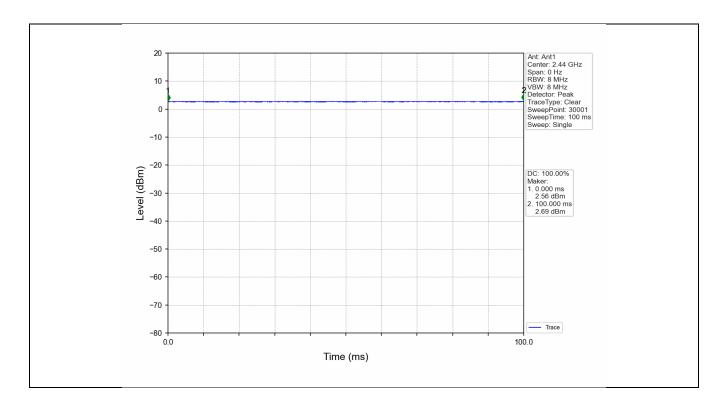
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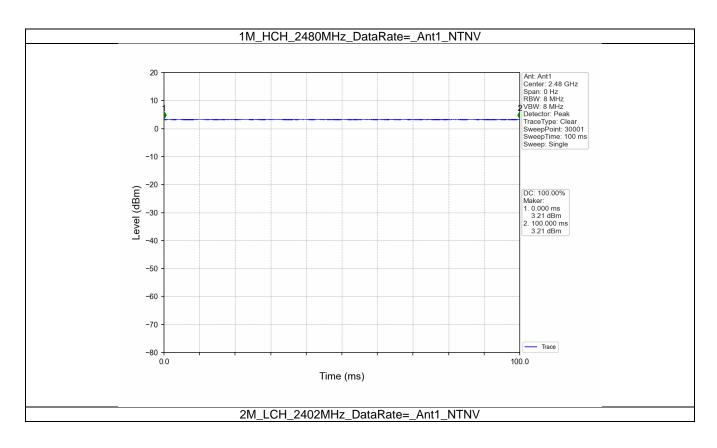
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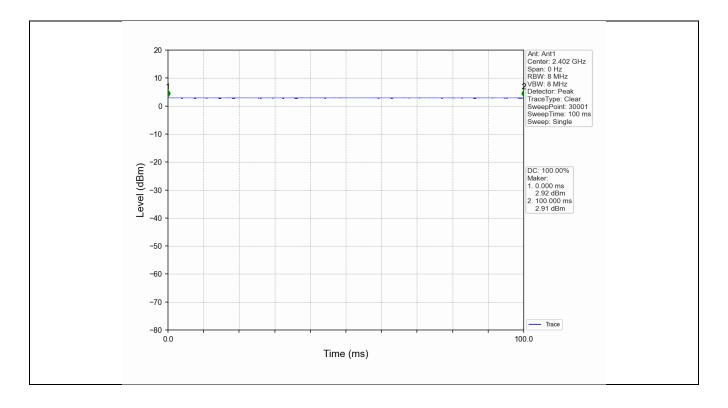
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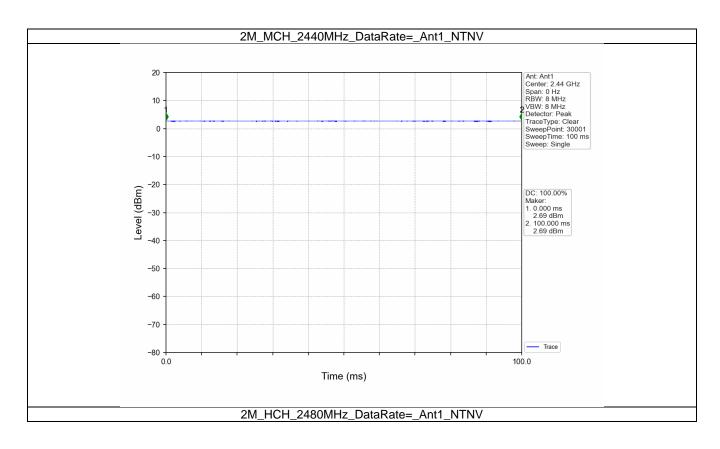
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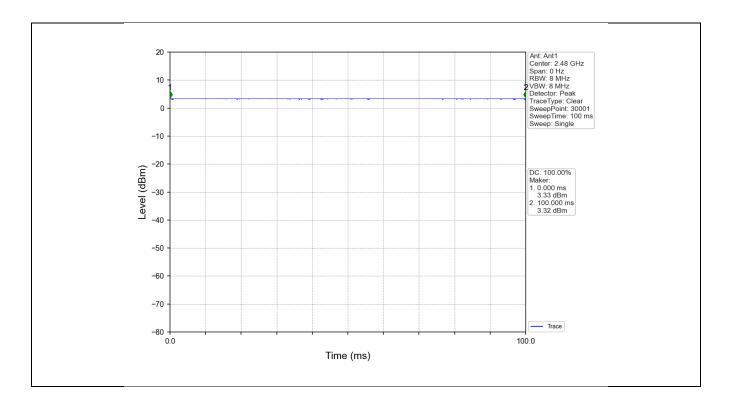
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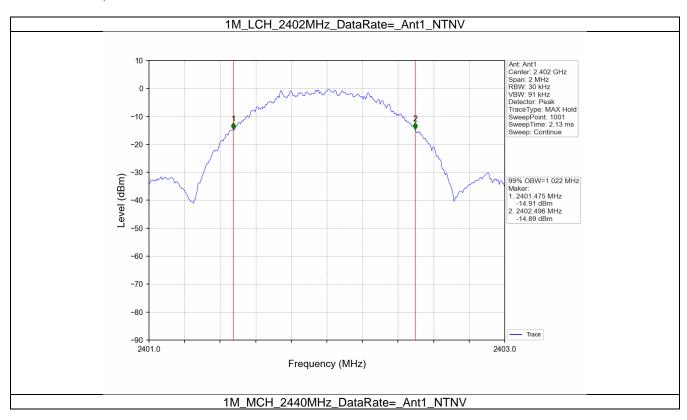
2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1M		2402	1	1.02	/	Note1
	SISO	2440	1	1.01	/	Note1
		2480	1	1.02	/	Note1
2M		2402	1	2.05	/	Note1
	SISO	2440	1	2.05	/	Note1
		2480	1	2.04	/	Note1

2.1.2 Test Graph





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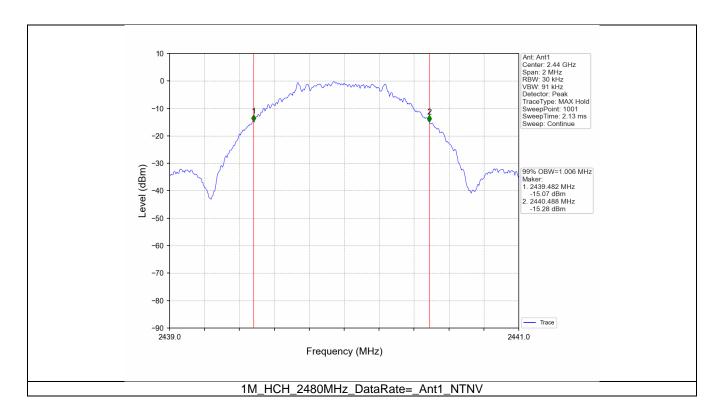
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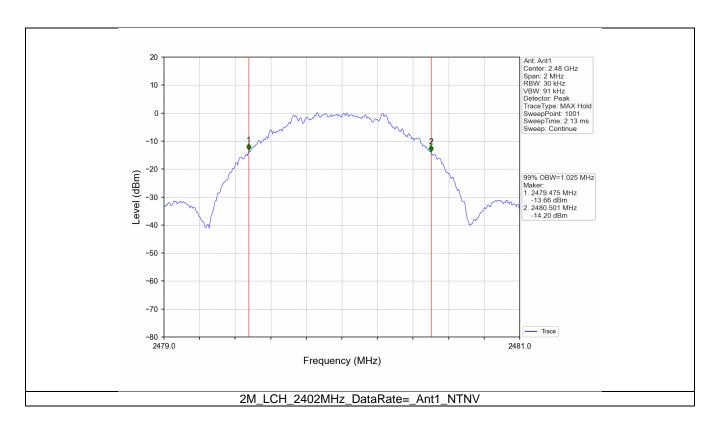
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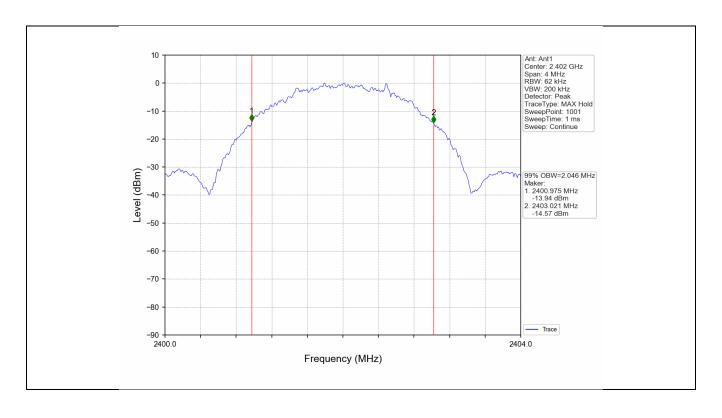
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2M MCH 2440MHz DataRate= Ant1 NTNV



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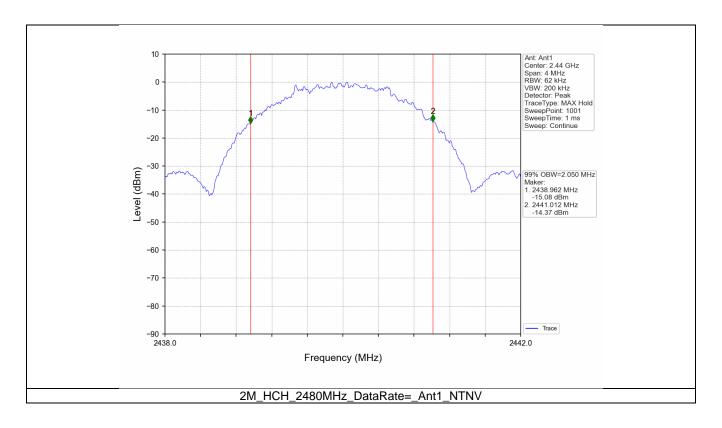
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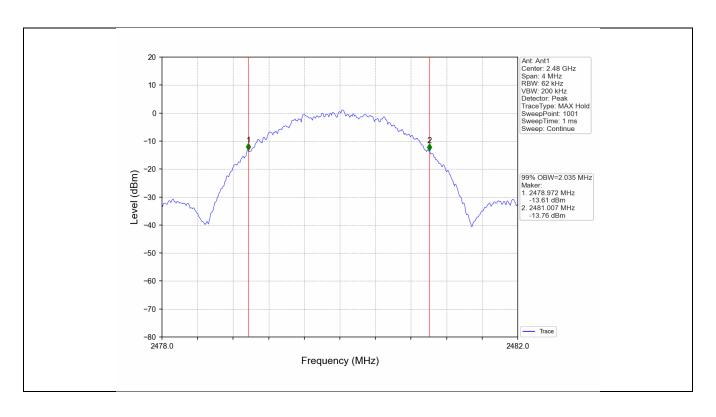
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1M		2402	1	0.67	>=0.5	Pass
	SISO	2440	1	0.67	>=0.5	Pass
		2480	1	0.67	>=0.5	Pass
		2402	1	1.38	>=0.5	Pass
2M	SISO	2440	1	1.31	>=0.5	Pass
		2480	1	1.46	>=0.5	Pass



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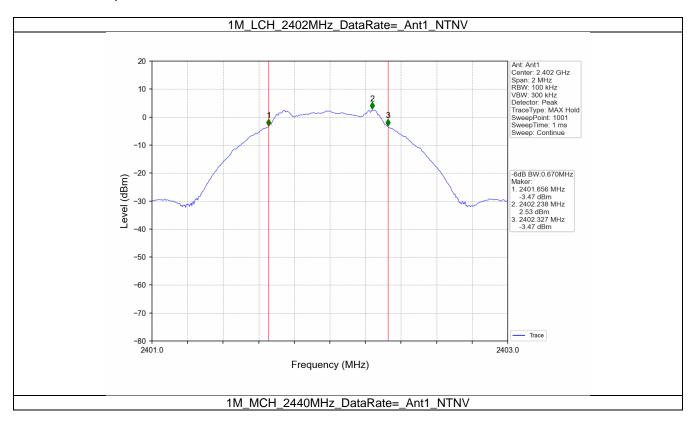
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2.2.2 Test Graph





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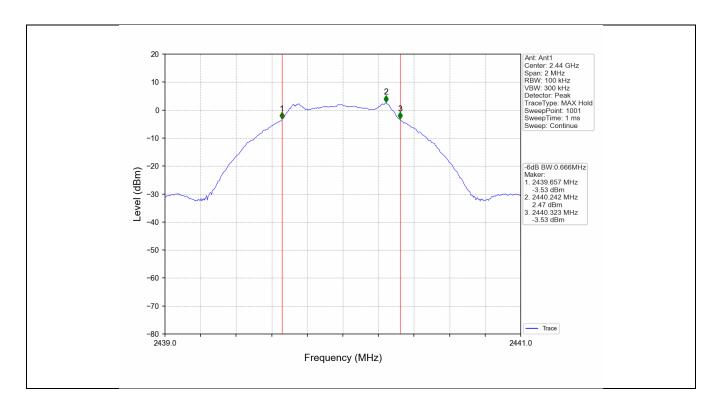
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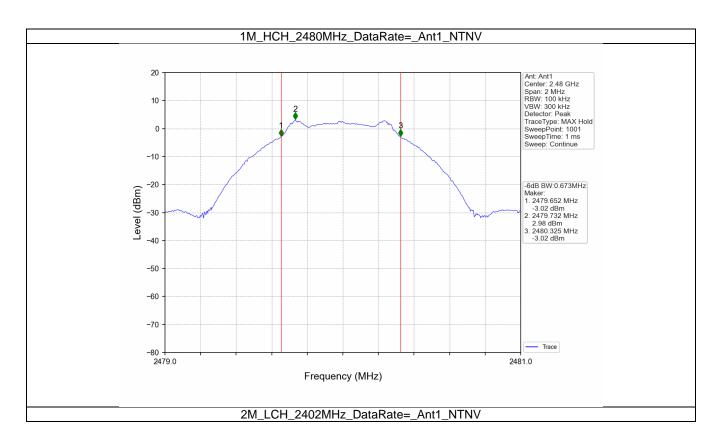
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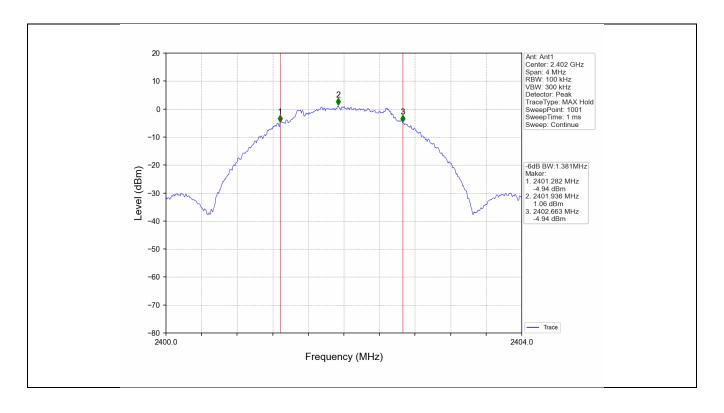
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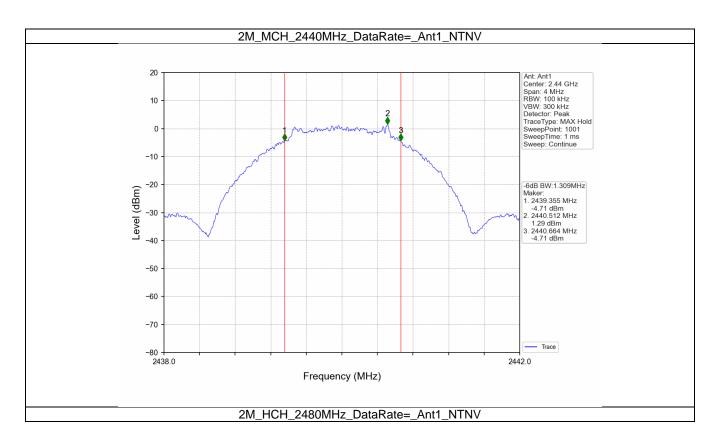
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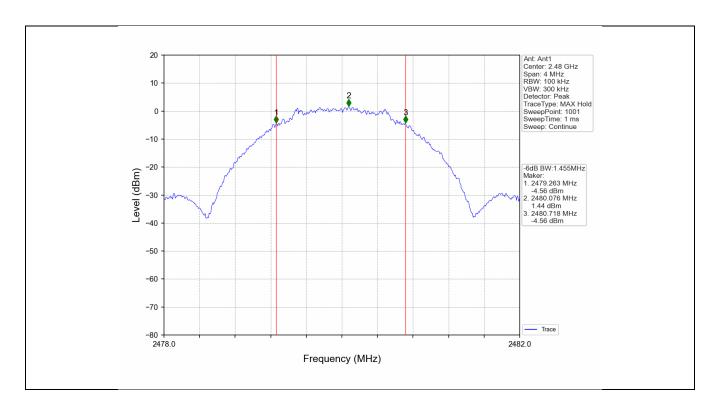
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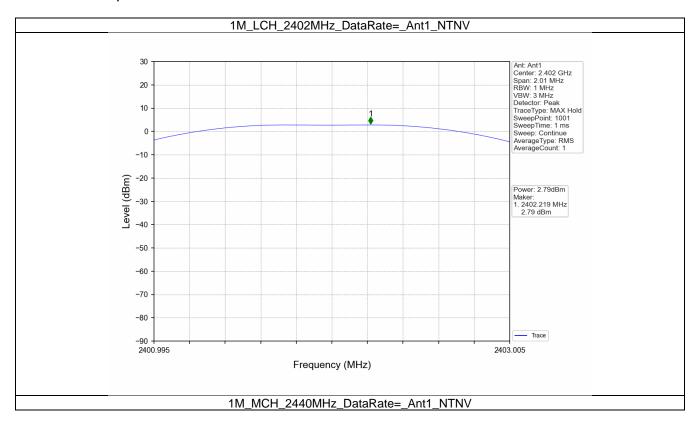
3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz) Measured Peak Output Power (dBm) Ant1		Limit (dBm)	Verdict
		2402	2.79	<=30	Pass
1M	SISO	2440	2.60	<=30	Pass
		2480	3.17	<=30	Pass
		2402	2.81	<=30	Pass
2M	SISO	2440	2.65	<=30	Pass
		2480	3.22	<=30	Pass
Note1: Ante	enna Gain: A	.nt1: 0.00dBi;			

3.1.2 Test Graph





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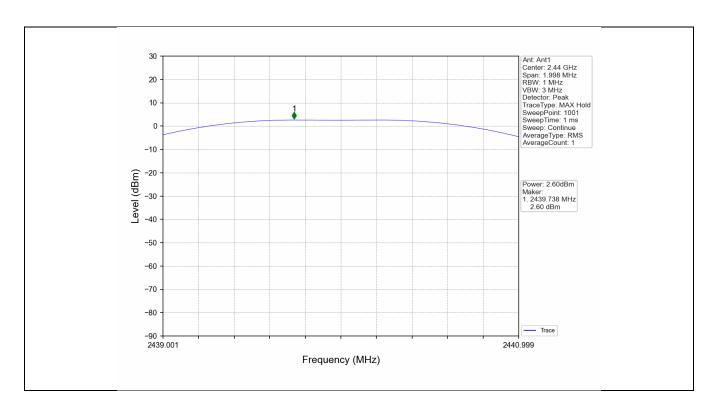
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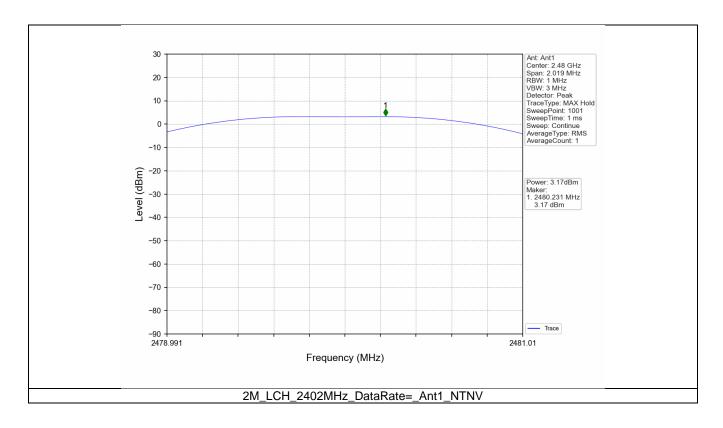
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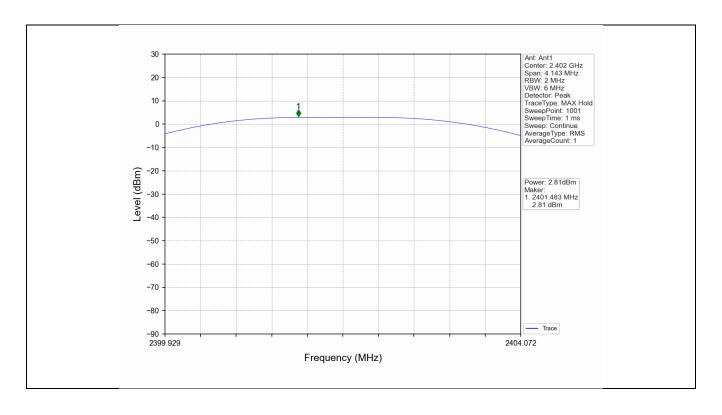
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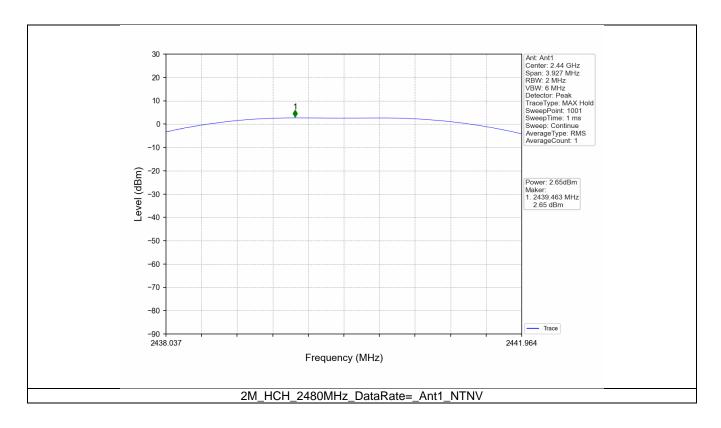
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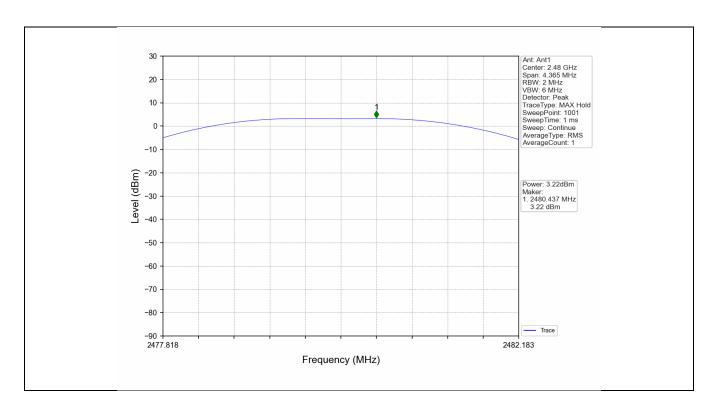
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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
Wode	TX Type	r requericy (Wir IZ)	Ant1	LITTIE (GBITI/SKI 12)	
		2402	-8.32	<=8	Pass
1M	SISO	2440	-7.04	<=8	Pass
		2480	-7.16	<=8	Pass
		2402	-10.89	<=8	Pass
2M	SISO	2440	-11.49	<=8	Pass
		2480 -10.50	<=8	Pass	
Note1: Ante	enna Gain: A	nt1: 0.00dBi;			



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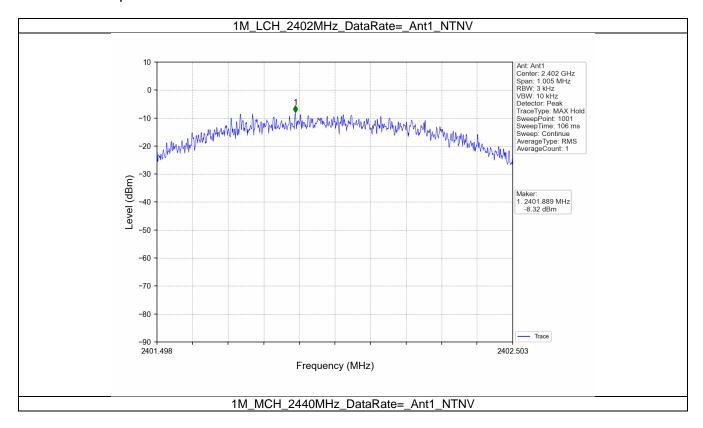
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4.1.2 Test Graph





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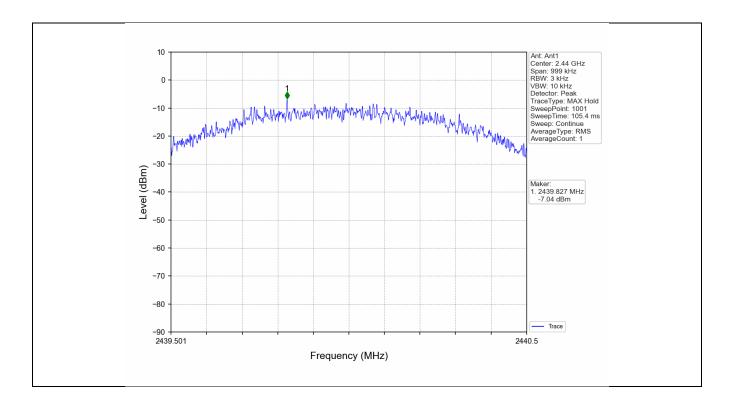
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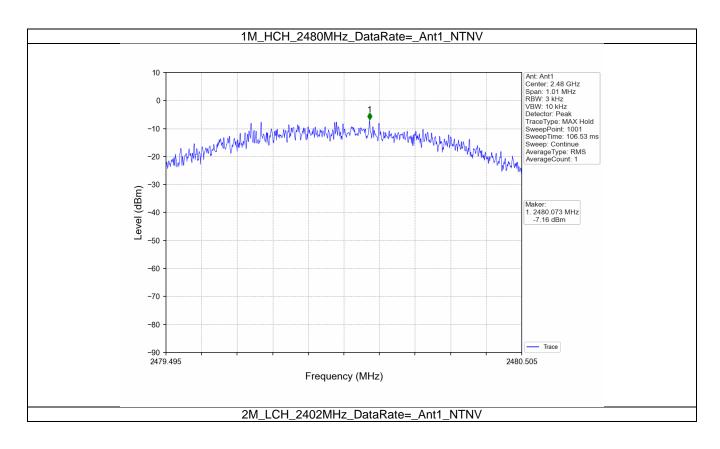
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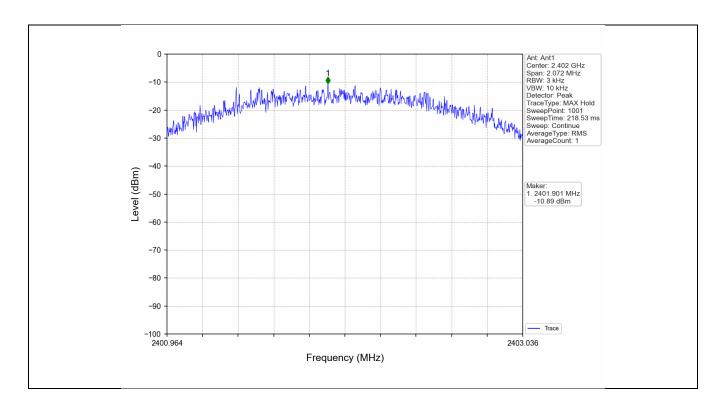
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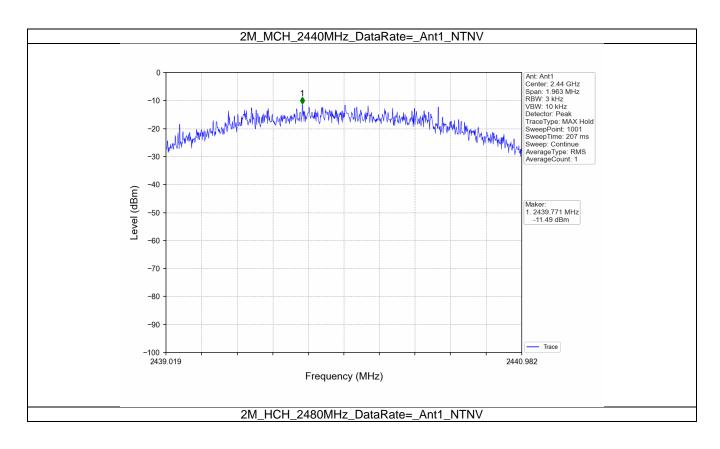
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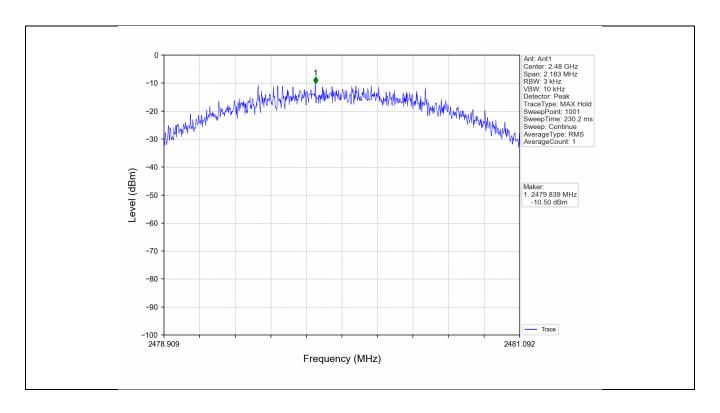
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5. Unwanted Emissions In Non-restricted Frequency Bands

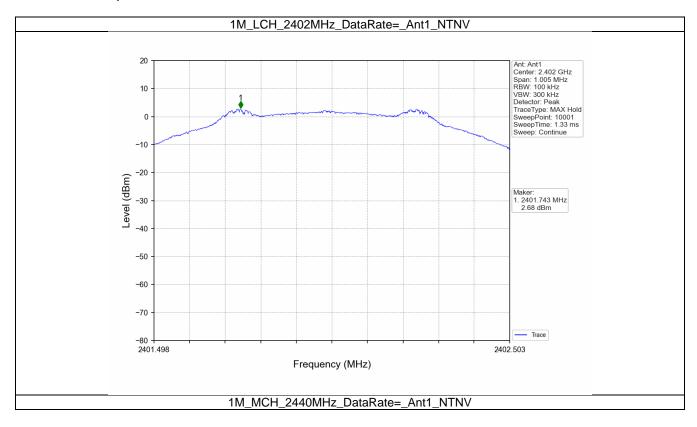
5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M		2402	1	2.68	/	/
	SISO	2440	1	2.40	/	/
		2480	1	2.95	/	/
2M		2402	1	1.31	/	/
	SISO	2440	1	1.68	/	/
		2480	1	1.92	/	/

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.

5.1.2 Test Graph





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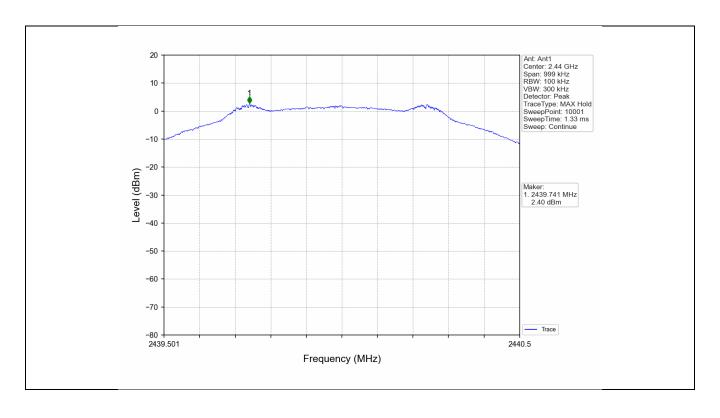
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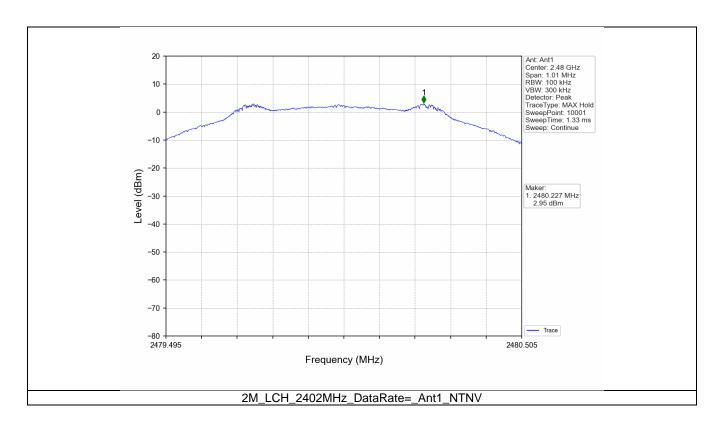
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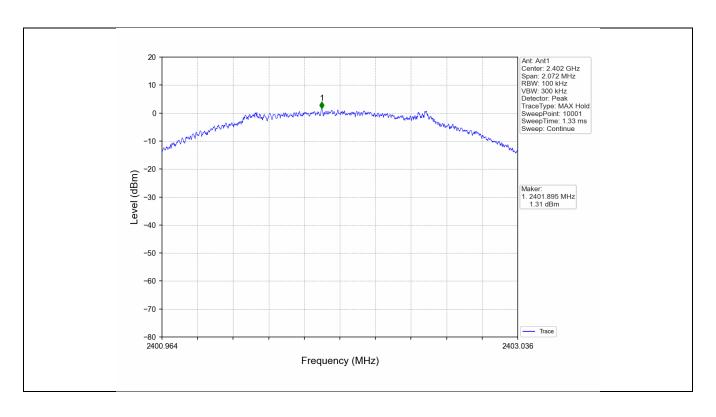
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2M MCH 2440MHz DataRate= Ant1 NTNV



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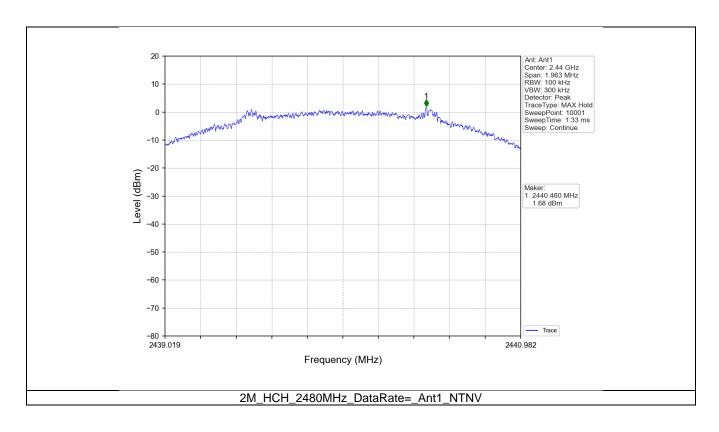
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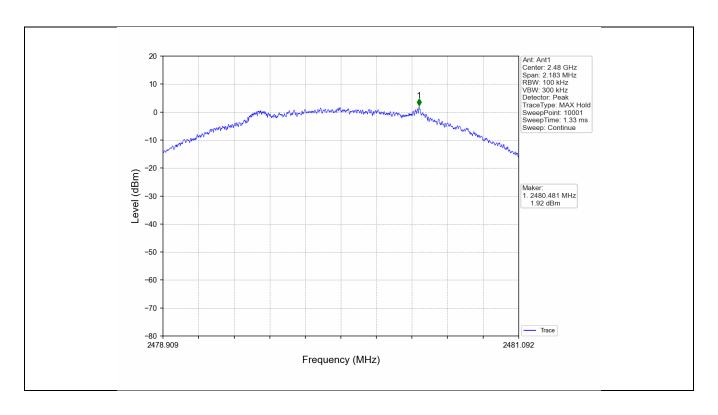
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
1M		2402	1	Refer To Test Graph	Refer To Test Graph	Pass
	SISO	2440	1	Refer To Test Graph	Refer To Test Graph	Pass
		2480 1 Refer To Test Graph	Refer To Test Graph	Pass		
2M		2402	1	Refer To Test Graph	Refer To Test Graph	Pass
	SISO	2440	1	Refer To Test Graph	Refer To Test Graph	Pass
		2480	1	Refer To Test Graph	Refer To Test Graph	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.



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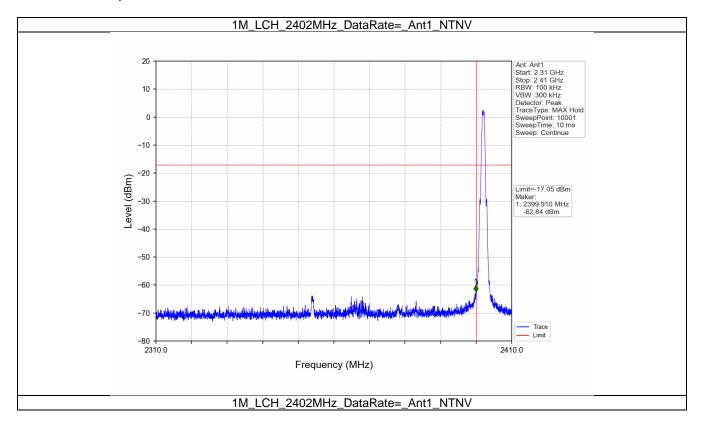
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5.2.2 Test Graph





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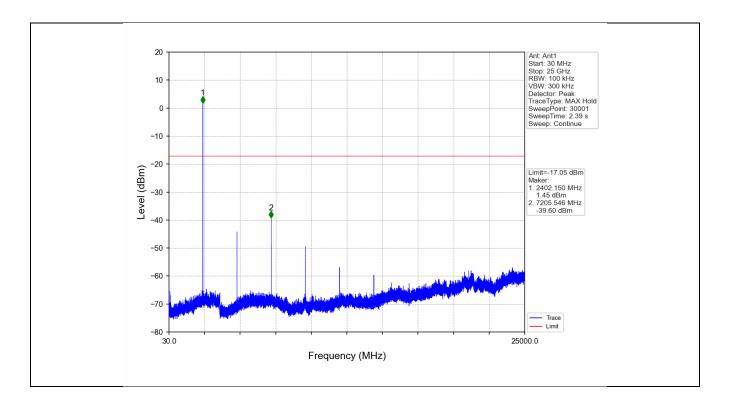
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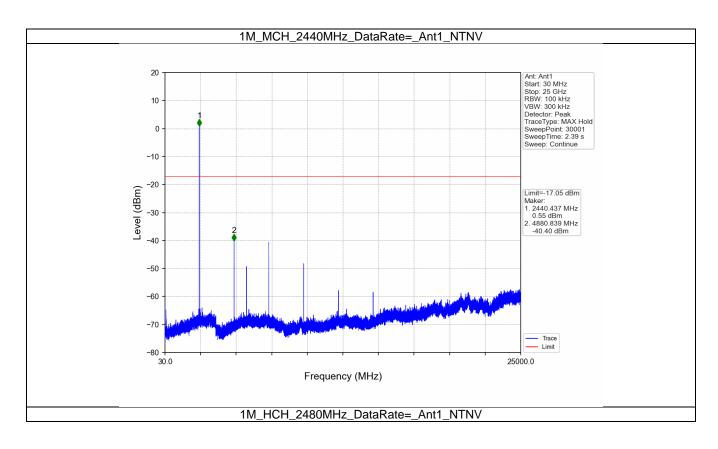
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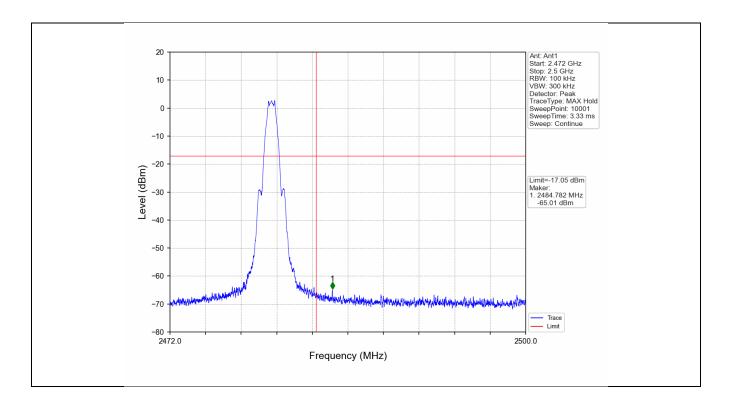
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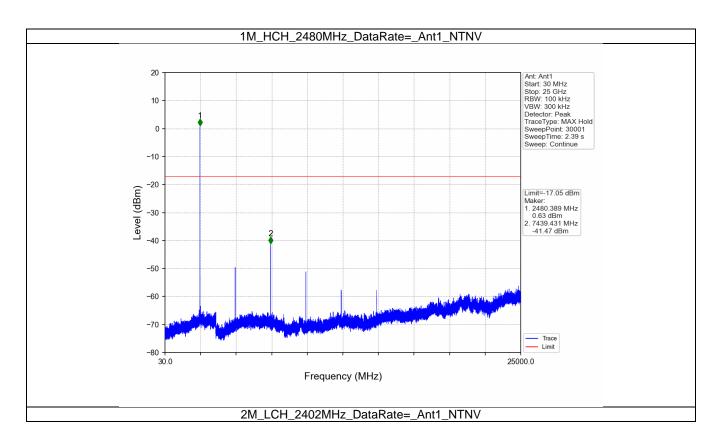
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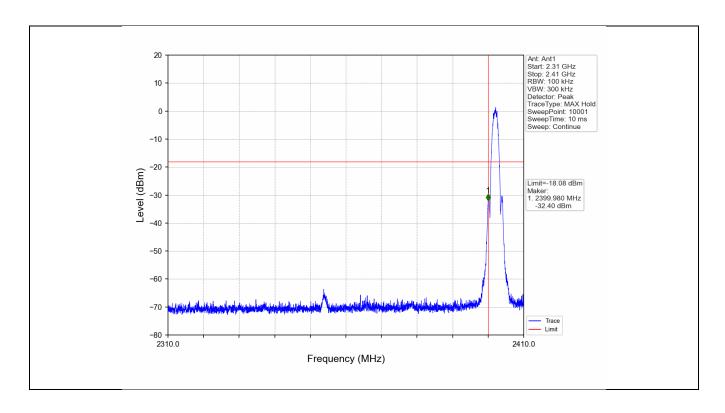
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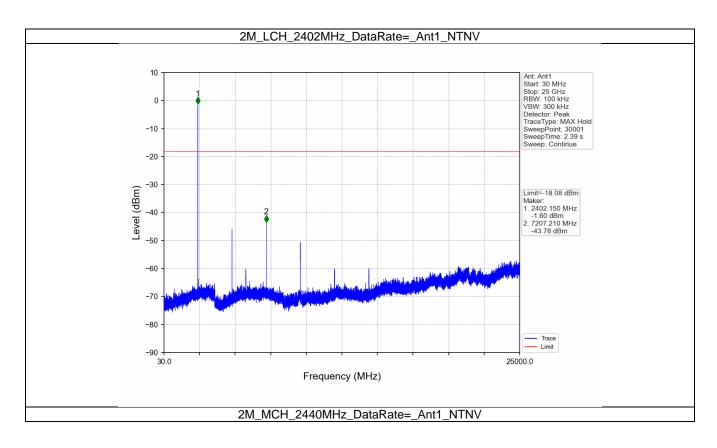
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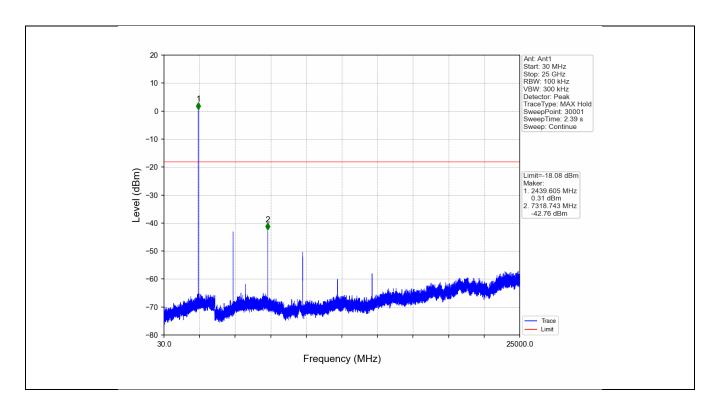
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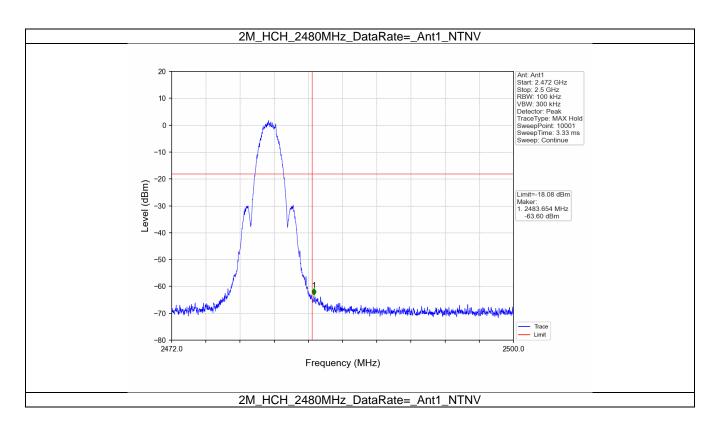
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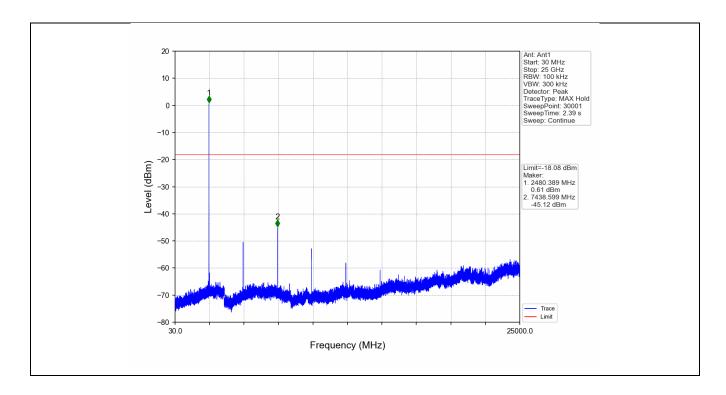
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