



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: Figgers Tablets

Test Model: F-tab

Environmental Conditions

Temperature:	23.6° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng



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B.1 -6dB Bandwidth

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.667	≥ 0.5	Pass
		2440	1	0.709	≥ 0.5	Pass
		2480	1	0.676	≥ 0.5	Pass



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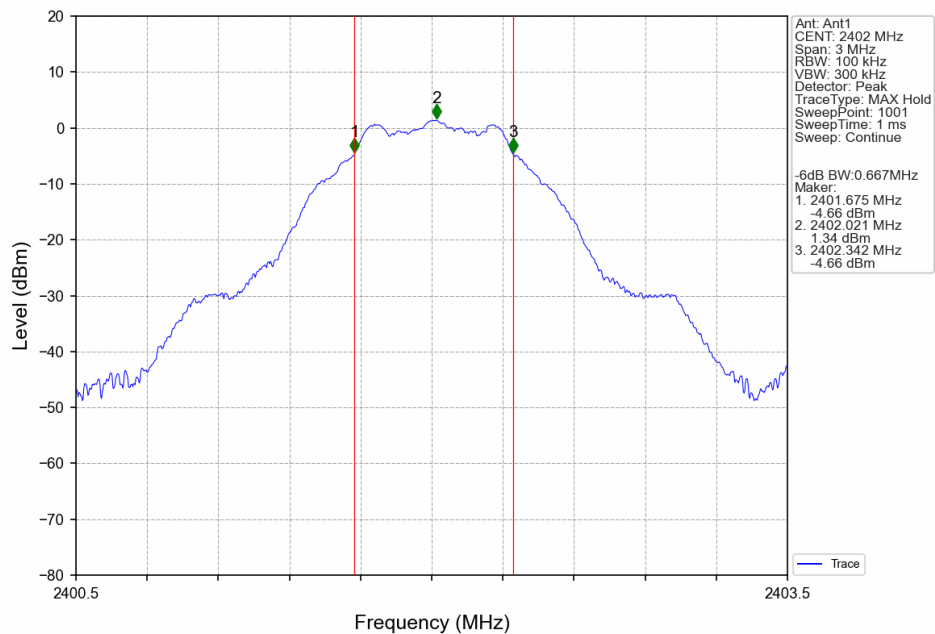
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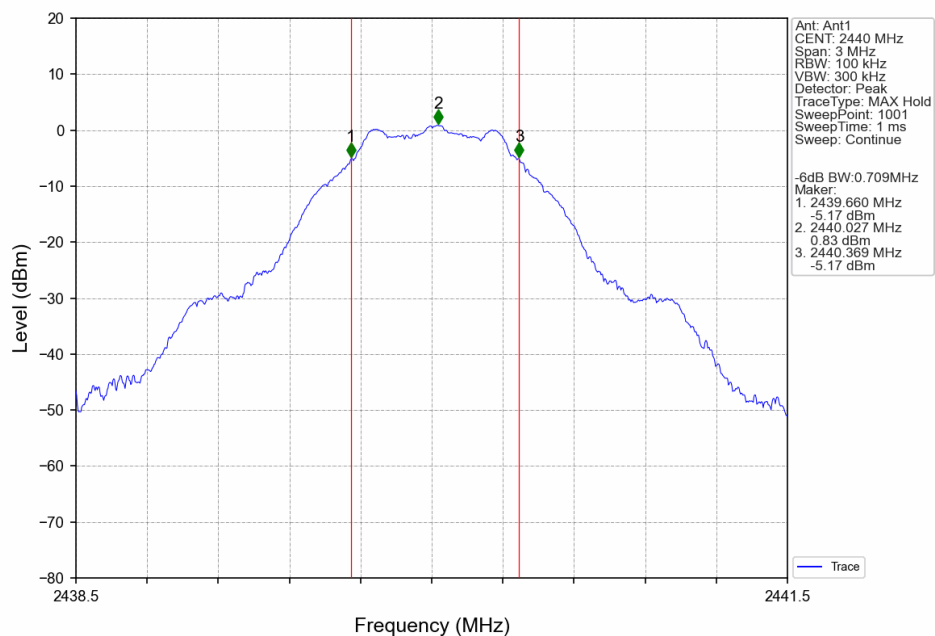
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1M LCH 2402MHz Ant1 NTNV



1M MCH 2440MHz Ant1 NTNV

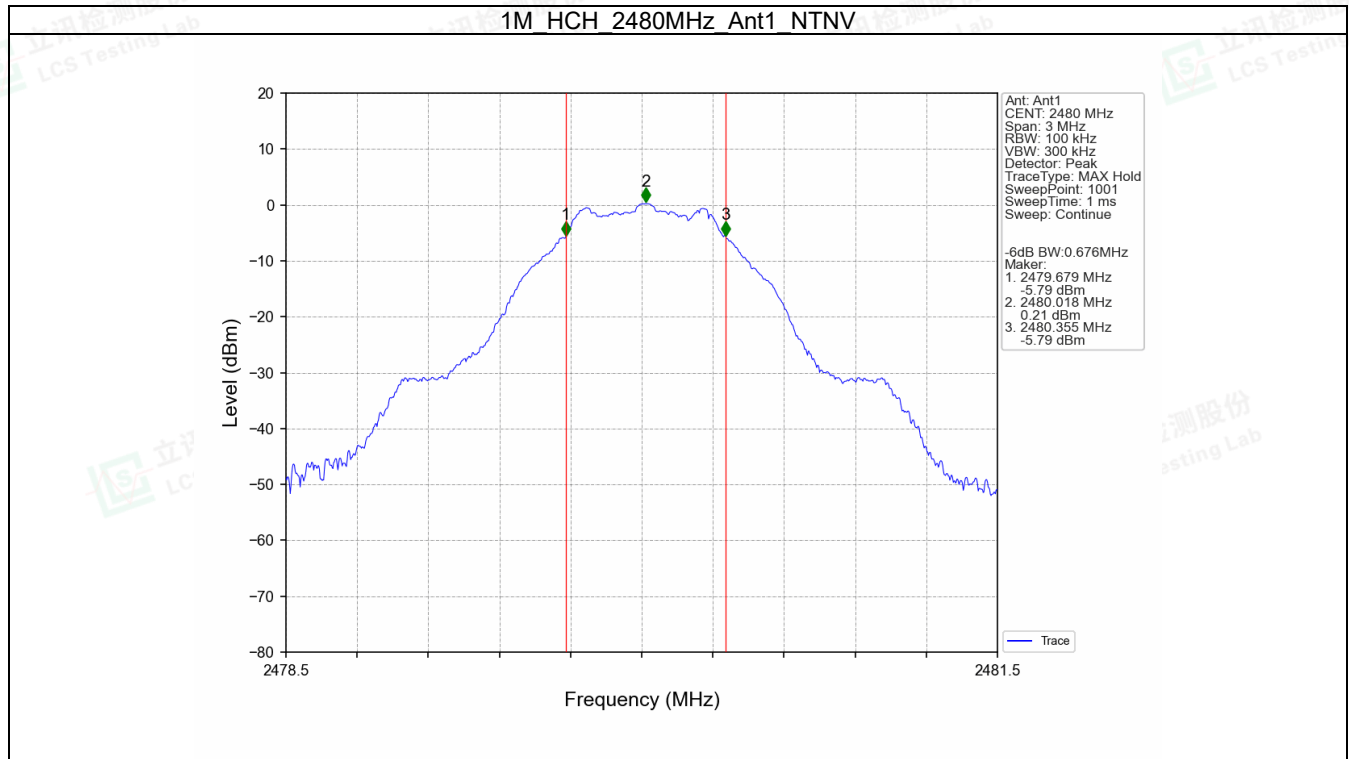


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B.2 Maximum Peak Conducted Output Power

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	1.51	<=30	Pass
		2440	1.03	<=30	Pass
		2480	0.34	<=30	Pass



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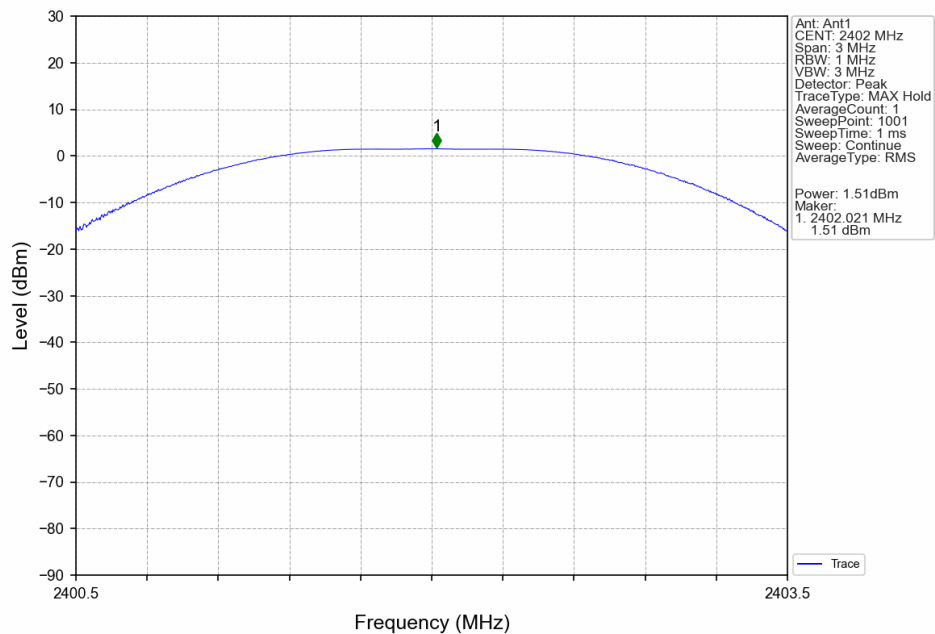
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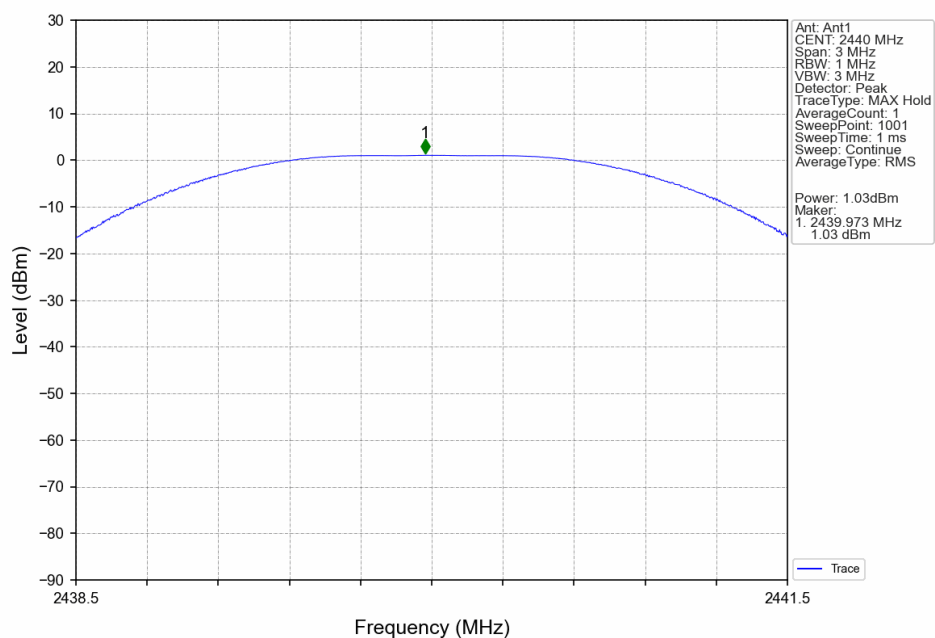
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1M LCH 2402MHz Ant1 NTNV



1M MCH 2440MHz Ant1 NTNV

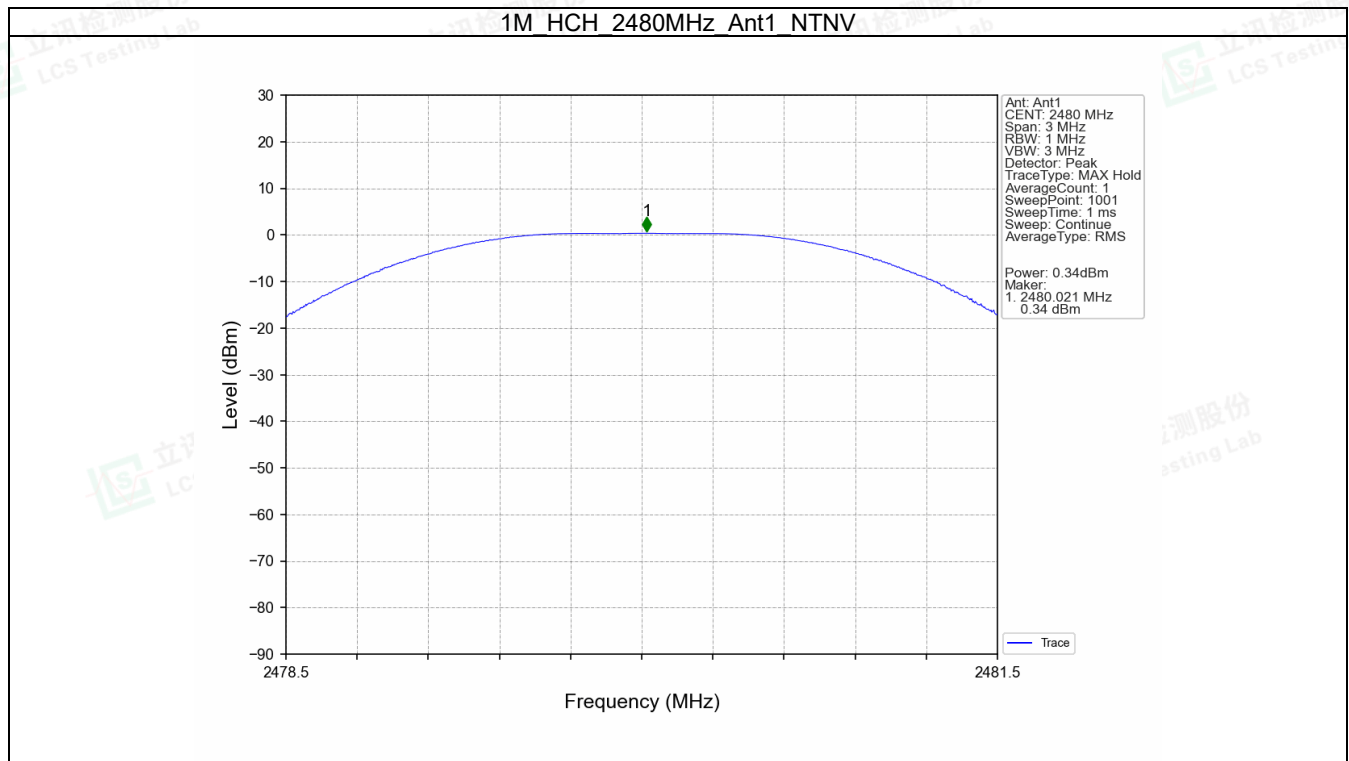


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B.3 Maximum Power Spectral Density

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-14.83	<=8	Pass
		2440	-15.05	<=8	Pass
		2480	-15.30	<=8	Pass



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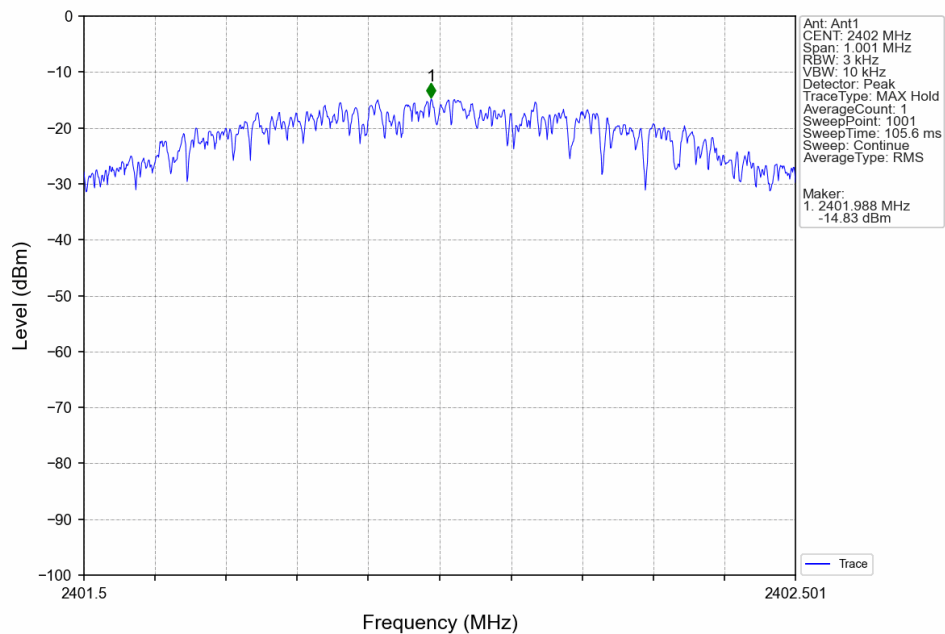
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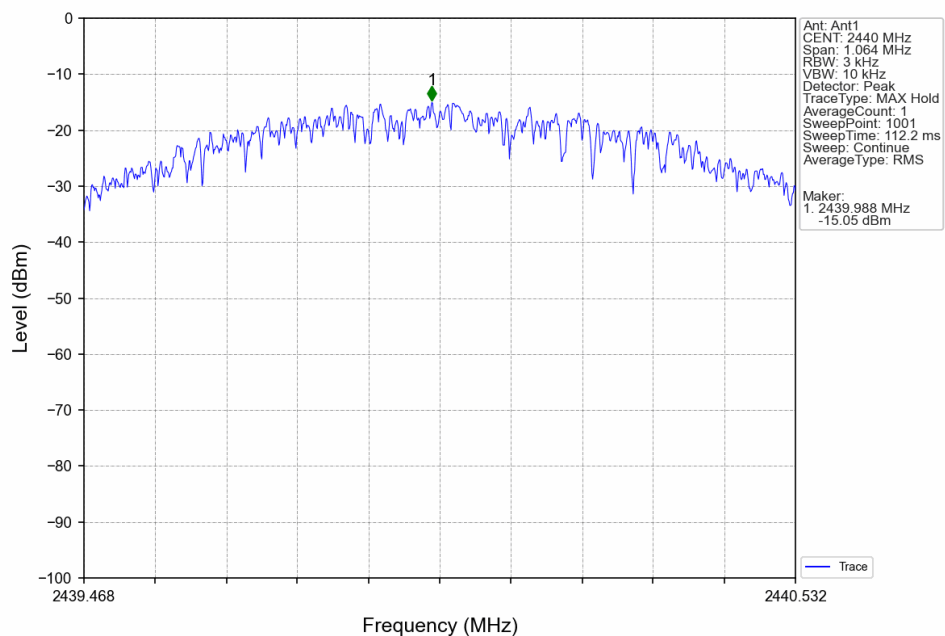
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1M LCH 2402MHz Ant1 NTNV



1M MCH 2440MHz Ant1 NTNV

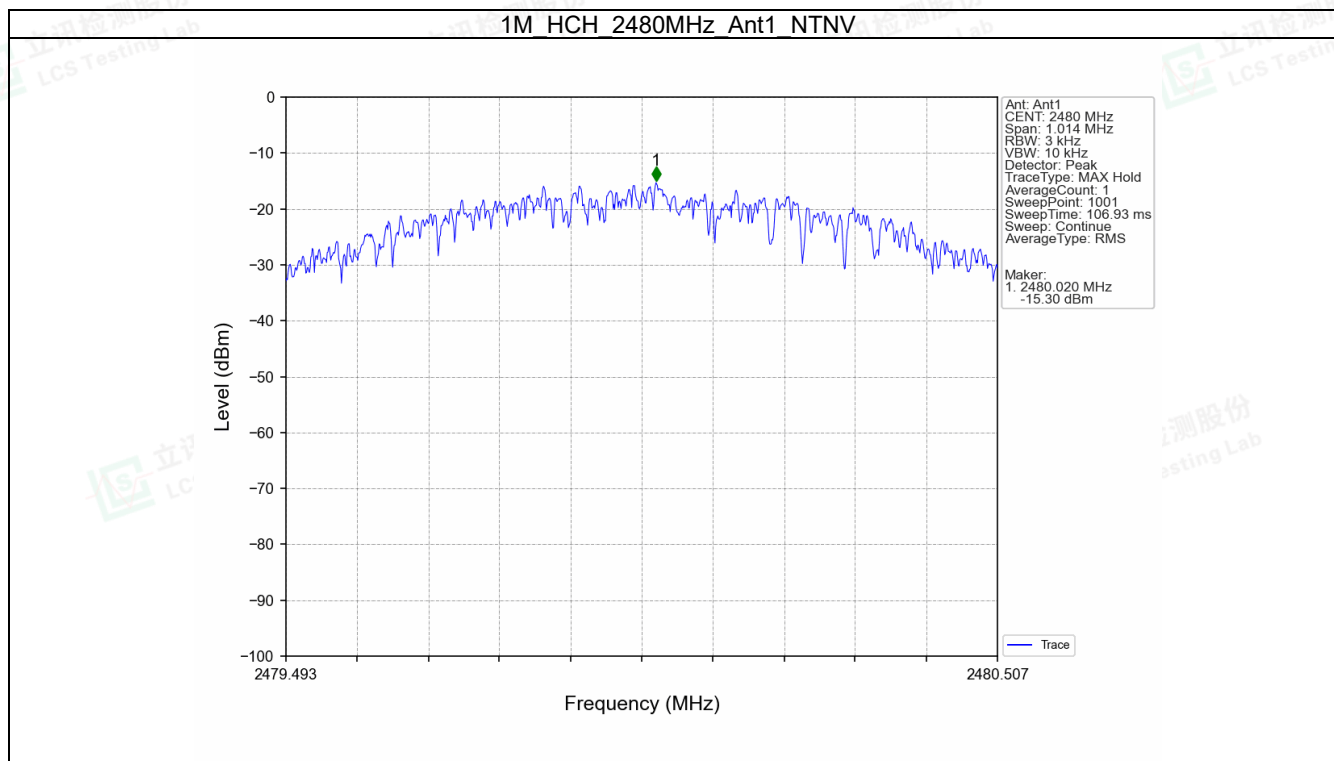


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B.4 Band Edge

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	1.27	-18.73	Pass
		2440	1	0.77	-19.23	Pass
		2480	1	0.14	-19.86	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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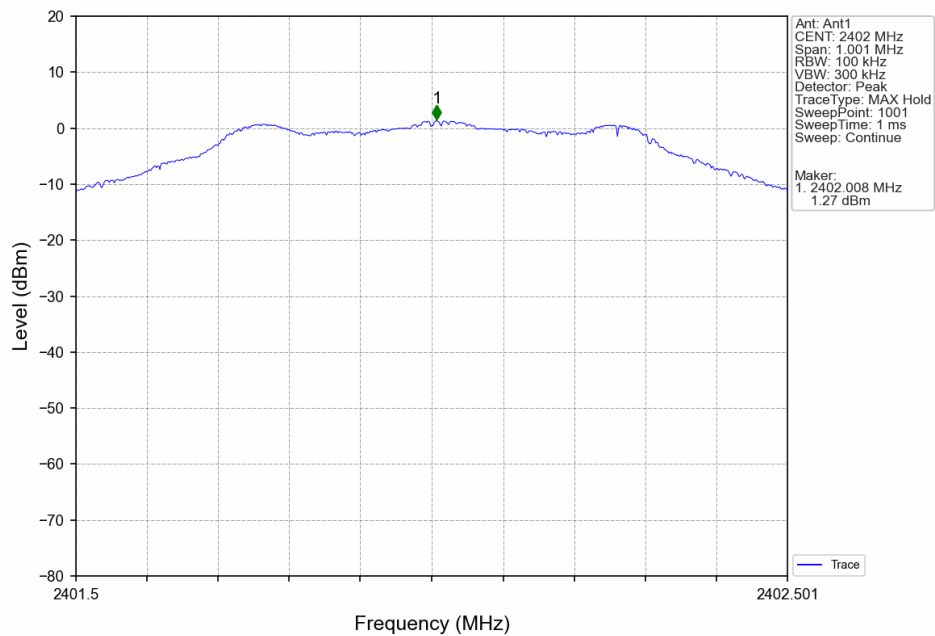
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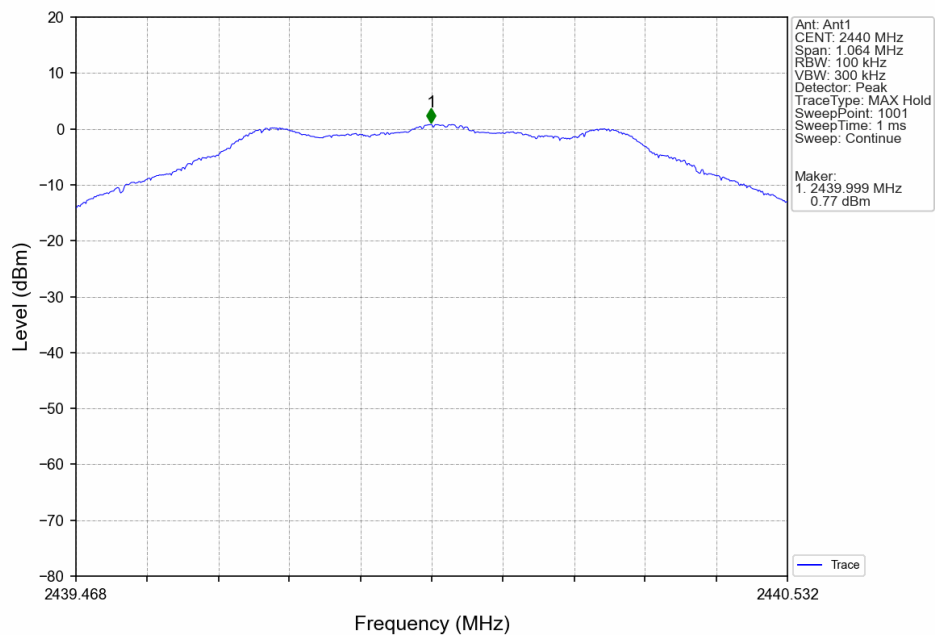


Ref

1M LCH 2402MHz Ant1 NTN



1M MCH 2440MHz Ant1 NTN

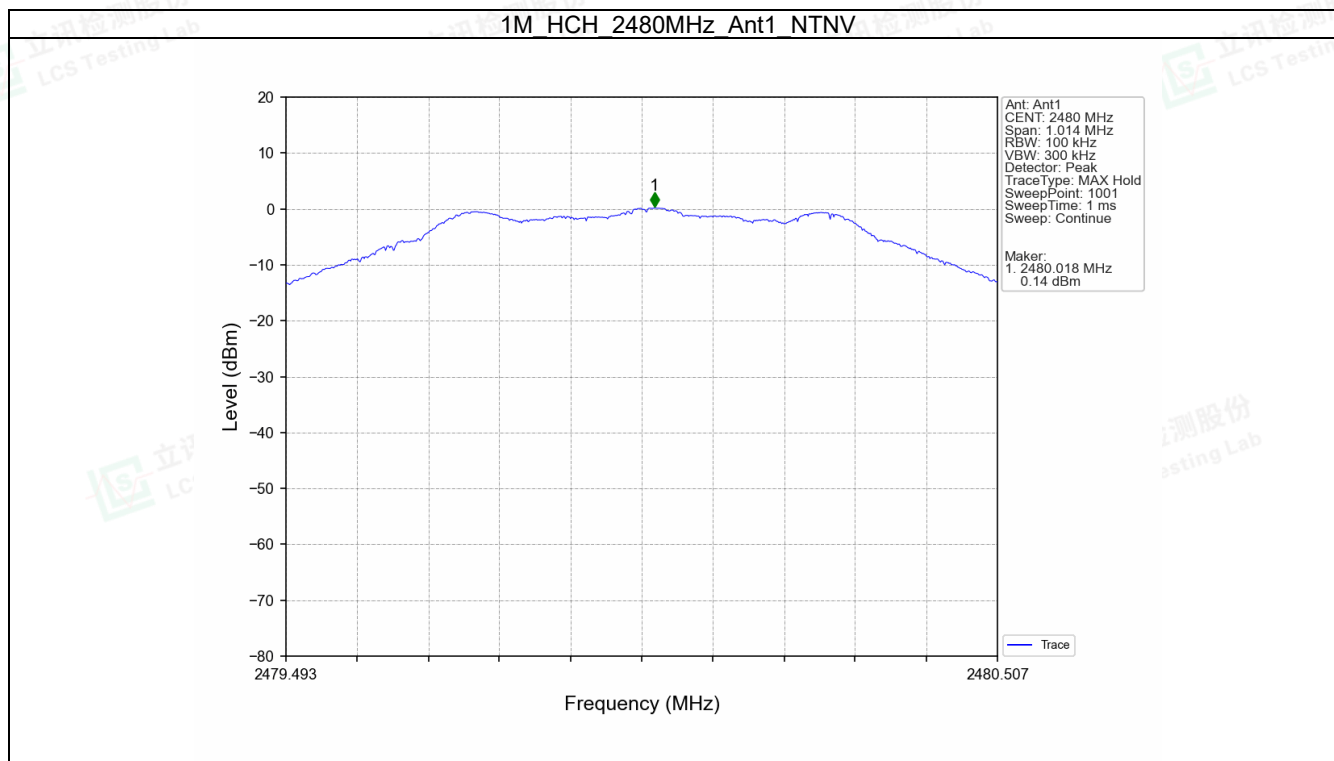


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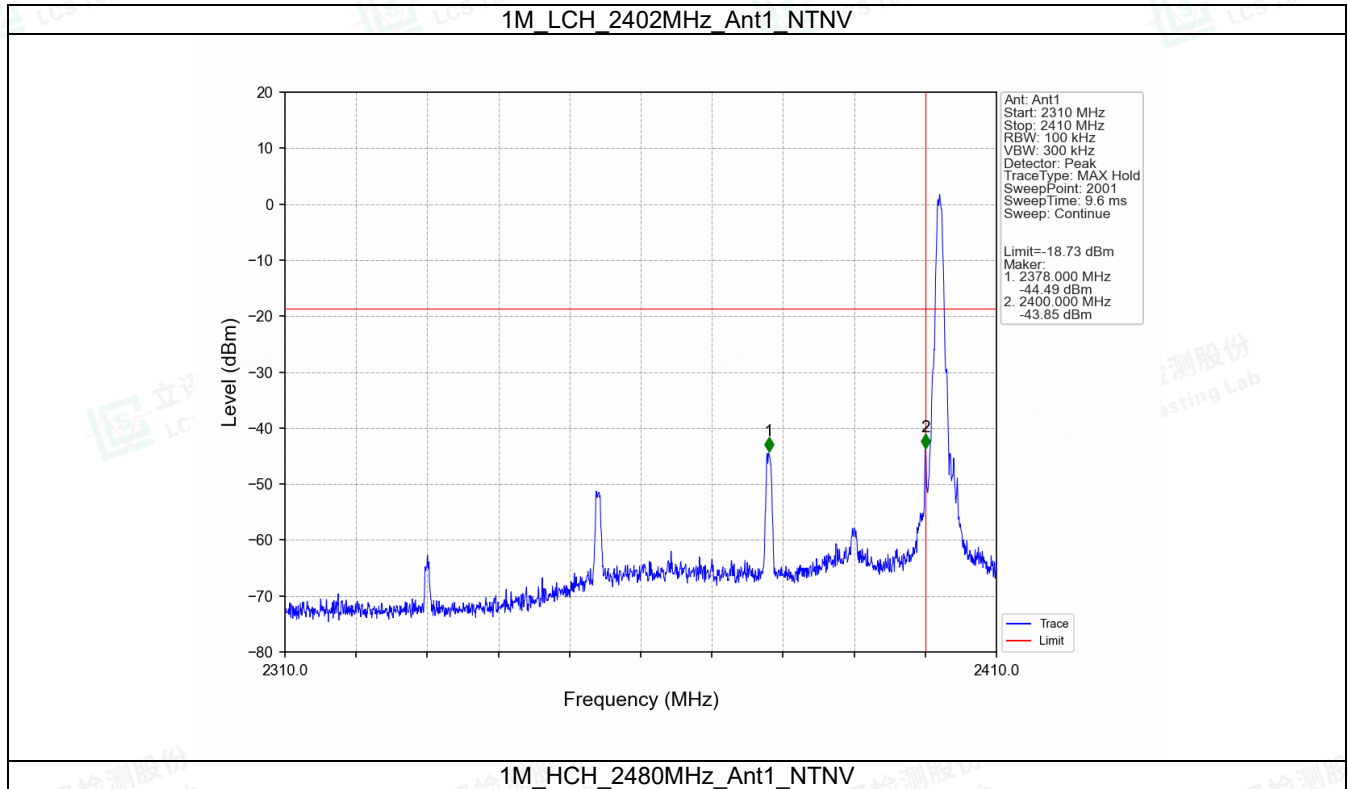
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Band Edge

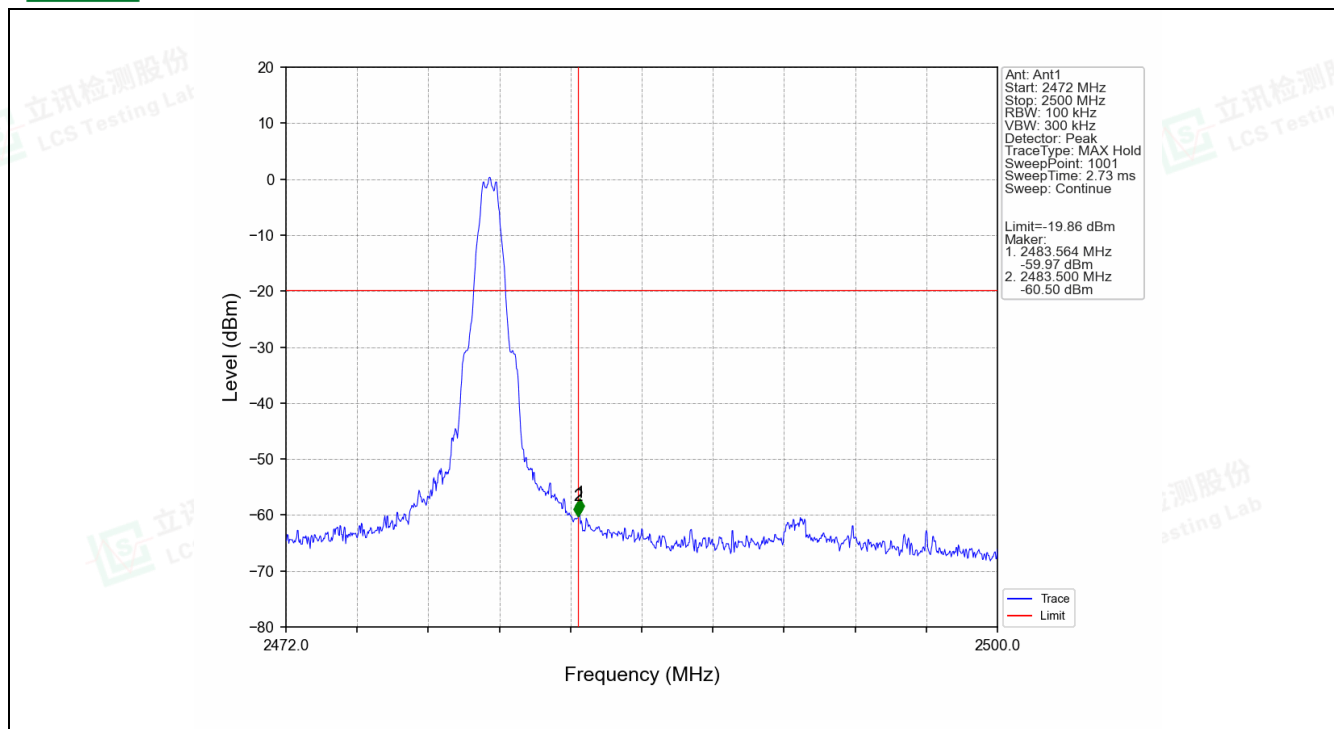


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B.5 Conducted RF Spurious Emission

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	1.27
		2440	1	0.77
		2480	1	0.14

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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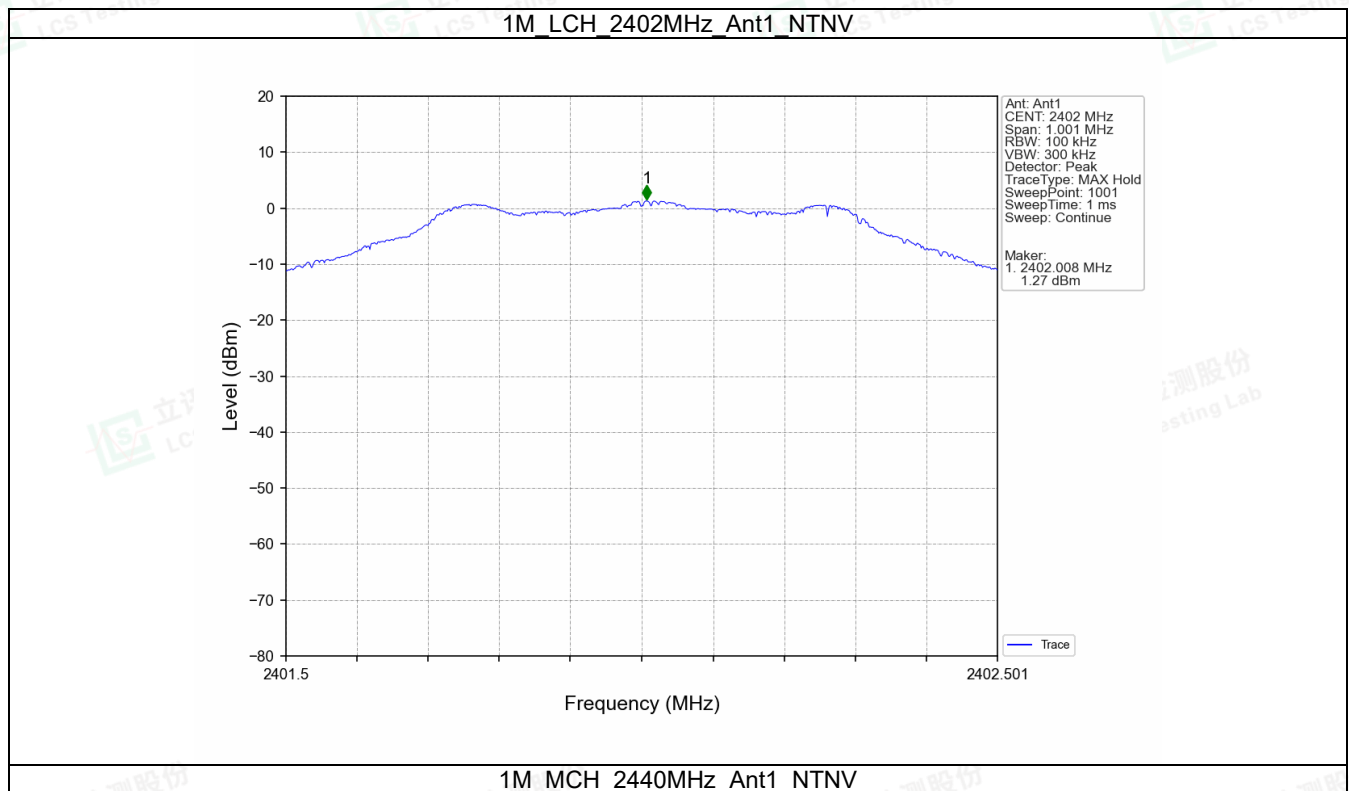
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Ref

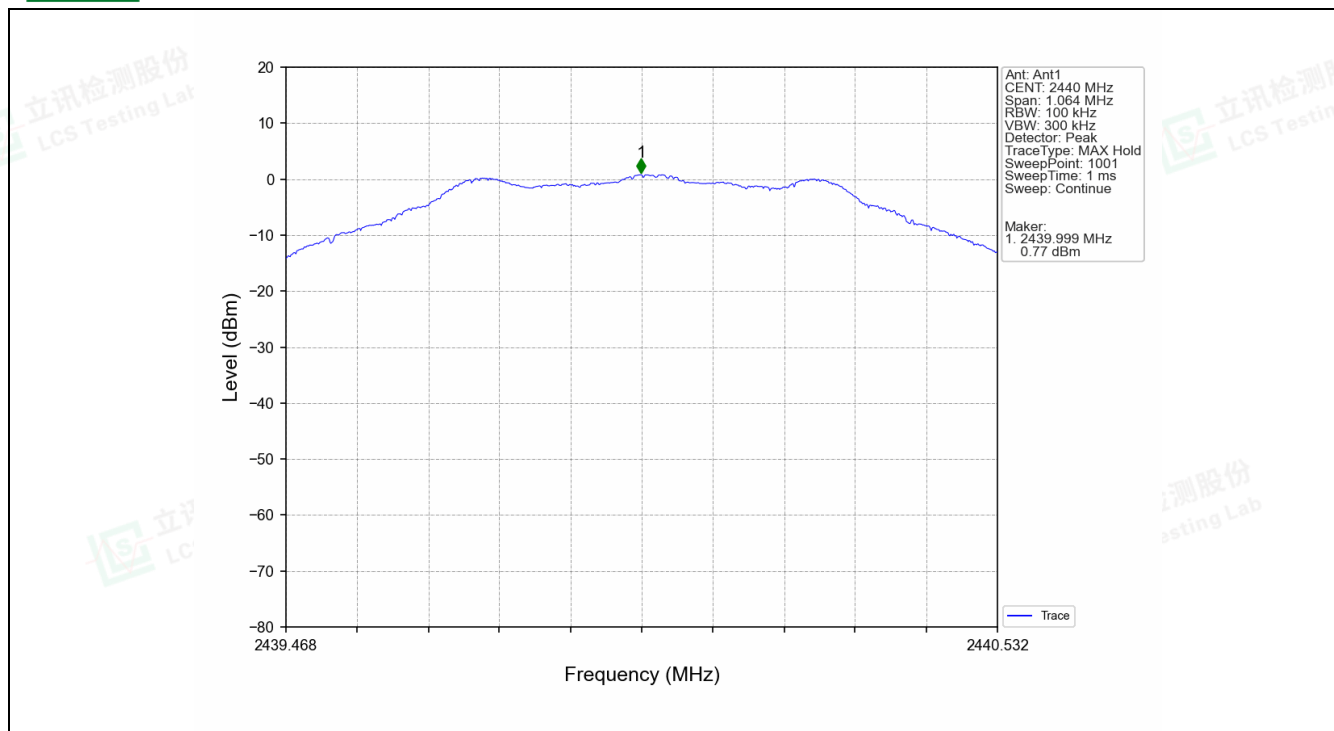


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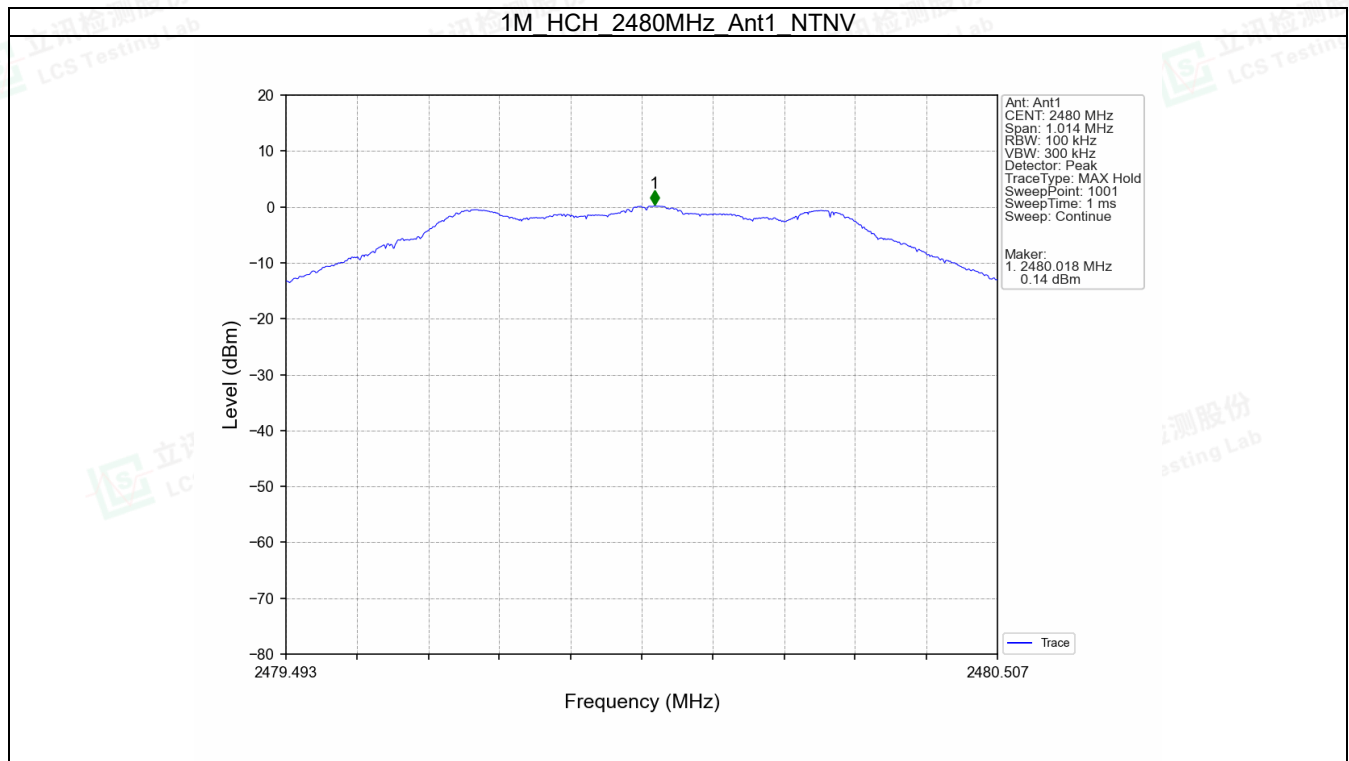


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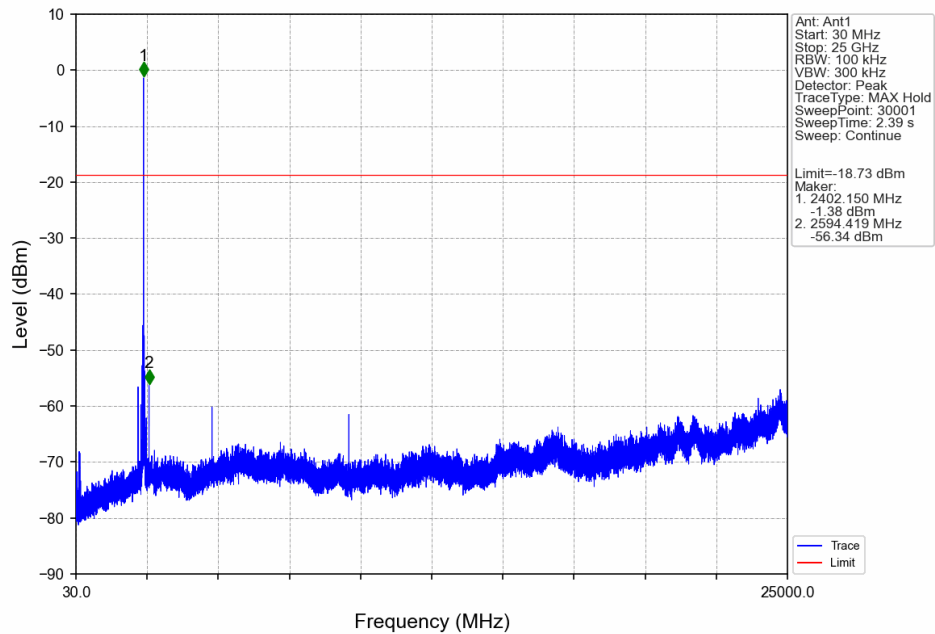
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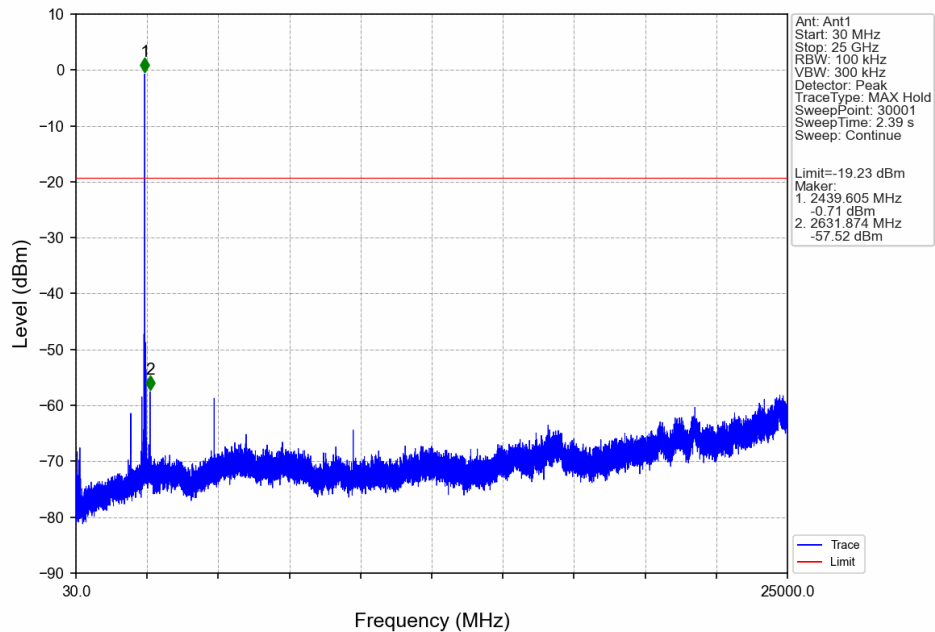


CSE

1M LCH_2402MHz_Ant1_NTNV



1M MCH_2440MHz_Ant1_NTNV

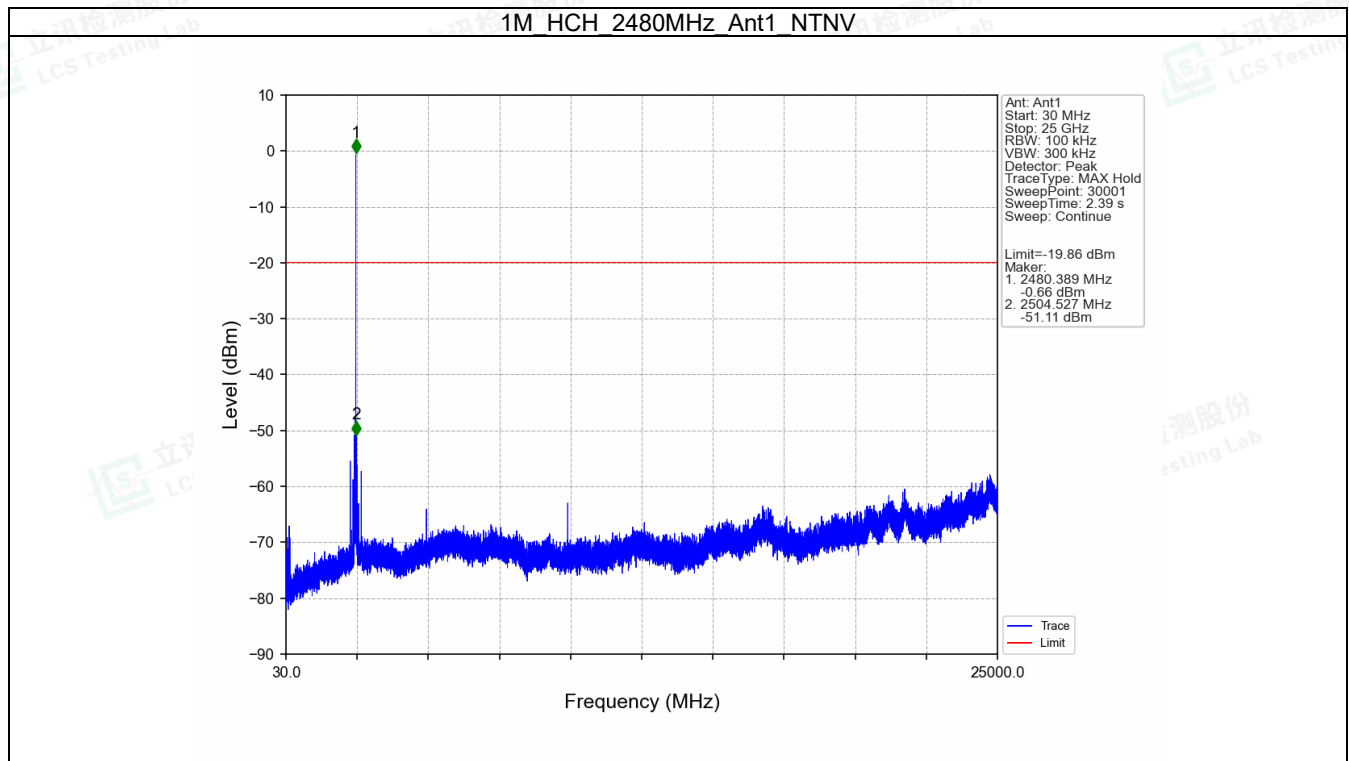


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B.6 Duty Cycle

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.537	1.250	42.96	3.67	0.03
		2440	0.537	1.251	42.93	3.67	0.03
		2480	0.537	1.250	42.96	3.67	0.03



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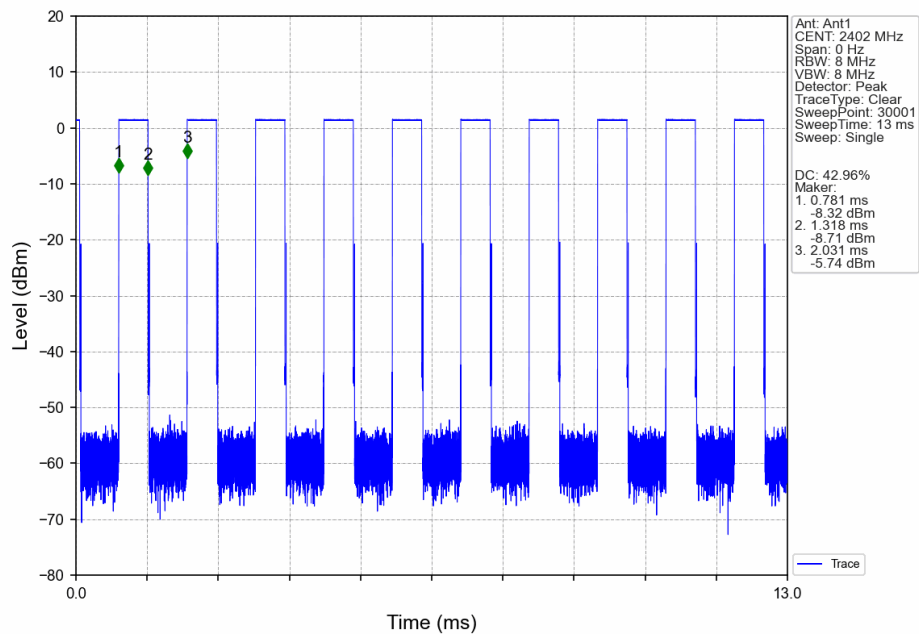
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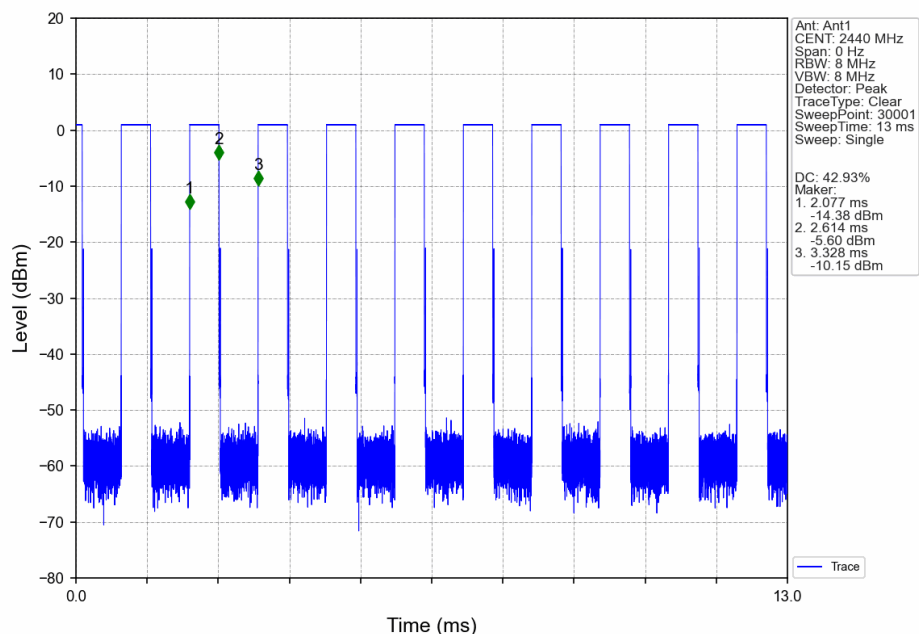
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1M LCH 2402MHz Ant1 NTV



1M MCH 2440MHz Ant1 NTV

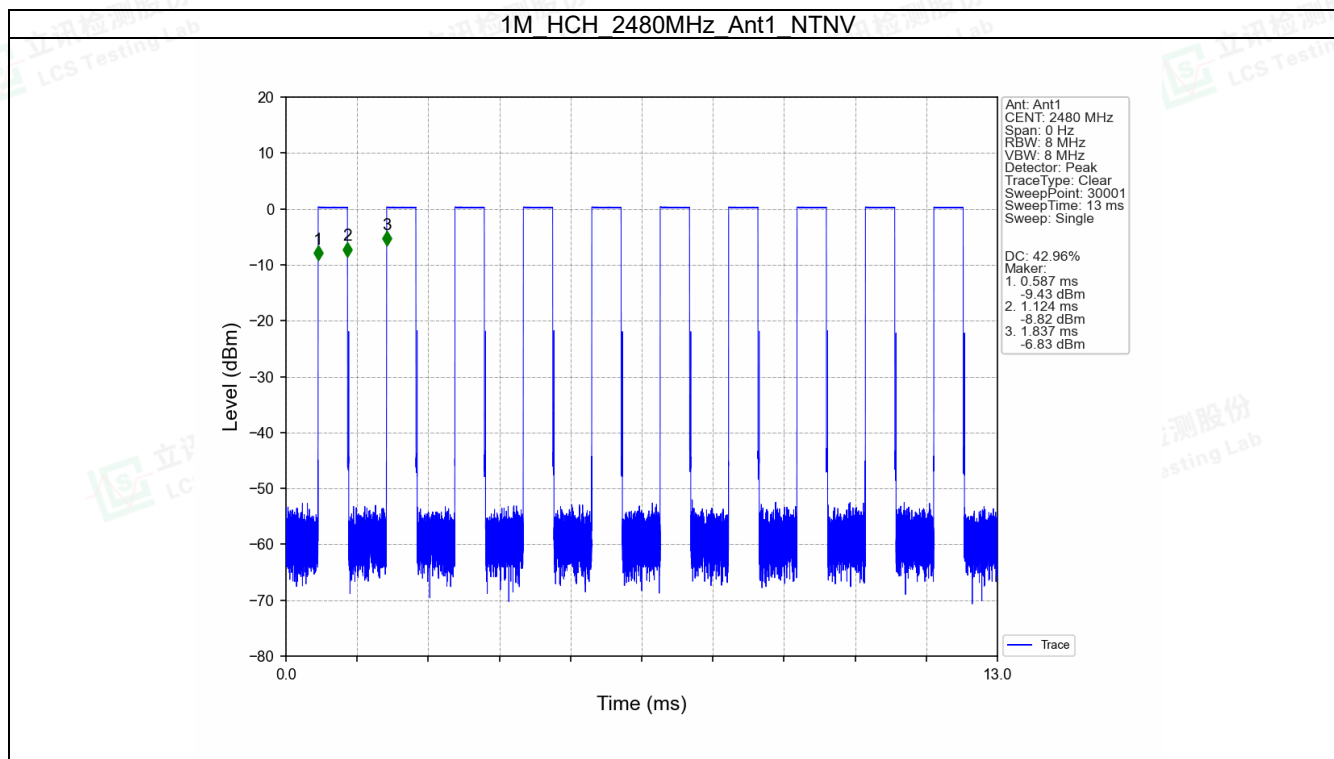


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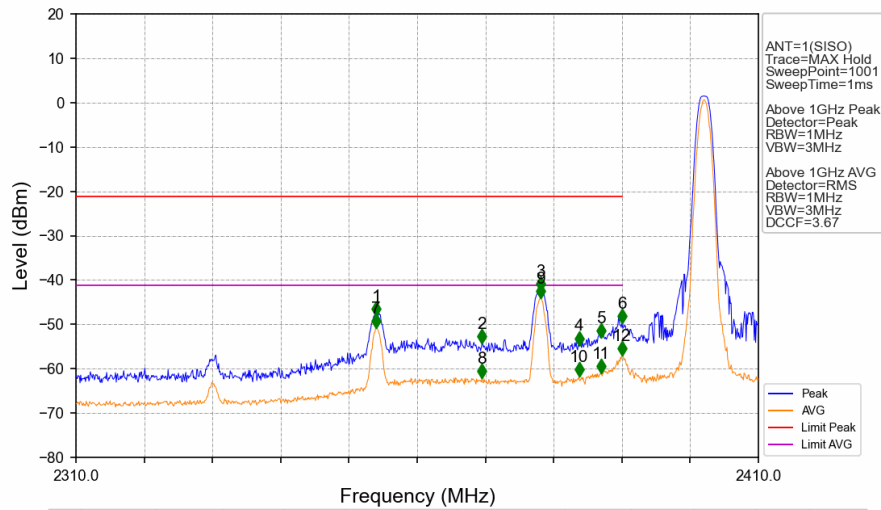
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B.7 Restrict Band

1M LCH 2402MHz Ant1 NTN



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2354.000	-48.09	-21.20	26.89	Pass	Peak	7	2354.000	-50.72	-41.20	9.52	Pass	AVG
2	2369.500	-54.29	-21.20	33.09	Pass	Peak	8	2369.500	-62.01	-41.20	20.81	Pass	AVG
3	2378.100	-42.35	-21.20	21.15	Pass	Peak	9	2378.100	-44.11	-41.20	2.91	Pass	AVG
4	2383.700	-54.72	-21.20	33.52	Pass	Peak	10	2383.700	-61.75	-41.20	20.55	Pass	AVG
5	2386.900	-53.01	-21.20	31.81	Pass	Peak	11	2386.900	-60.97	-41.20	19.77	Pass	AVG
6	2390.000	-49.68	-21.20	28.48	Pass	Peak	12	2390.000	-56.93	-41.20	15.73	Pass	AVG

1M HCH 2480MHz Ant1 NTN

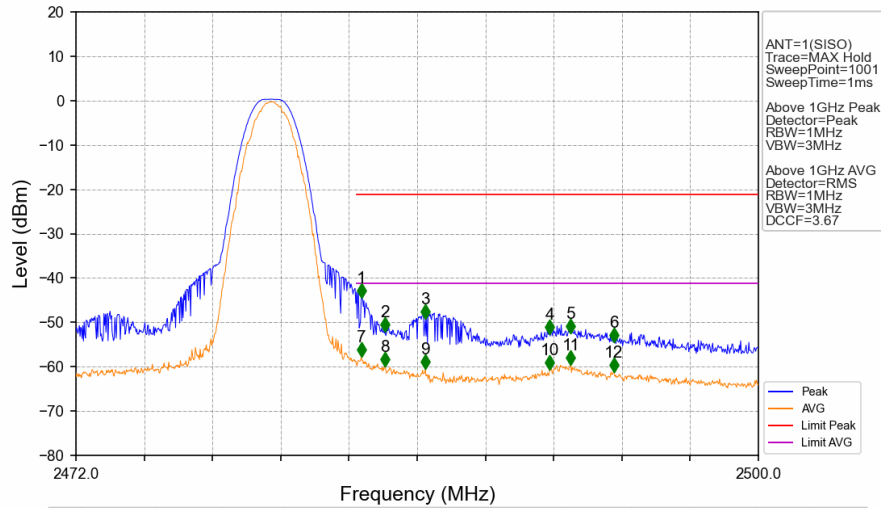


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No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2483.704	-44.45	-21.20	23.25	Pass	Peak	7	2483.704	-57.71	-41.20	16.51	Pass	AVG
2	2484.684	-52.10	-21.20	30.90	Pass	Peak	8	2484.684	-59.99	-41.20	18.79	Pass	AVG
3	2486.336	-49.15	-21.20	27.95	Pass	Peak	9	2486.336	-60.53	-41.20	19.33	Pass	AVG
4	2491.432	-52.67	-21.20	31.47	Pass	Peak	10	2491.432	-60.60	-41.20	19.40	Pass	AVG
5	2492.300	-52.36	-21.20	31.16	Pass	Peak	11	2492.300	-59.48	-41.20	18.28	Pass	AVG
6	2494.064	-54.45	-21.20	33.25	Pass	Peak	12	2494.064	-61.16	-41.20	19.96	Pass	AVG



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