



Appendix B

RF Test Data for BT LE (Conducted Measurement)

Product Name: PeriPage Portable Label Printer

Test Model: ALD-PB200

Environmental Conditions

Temperature:	23.5 ° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng



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B.1 -6dB Bandwidth

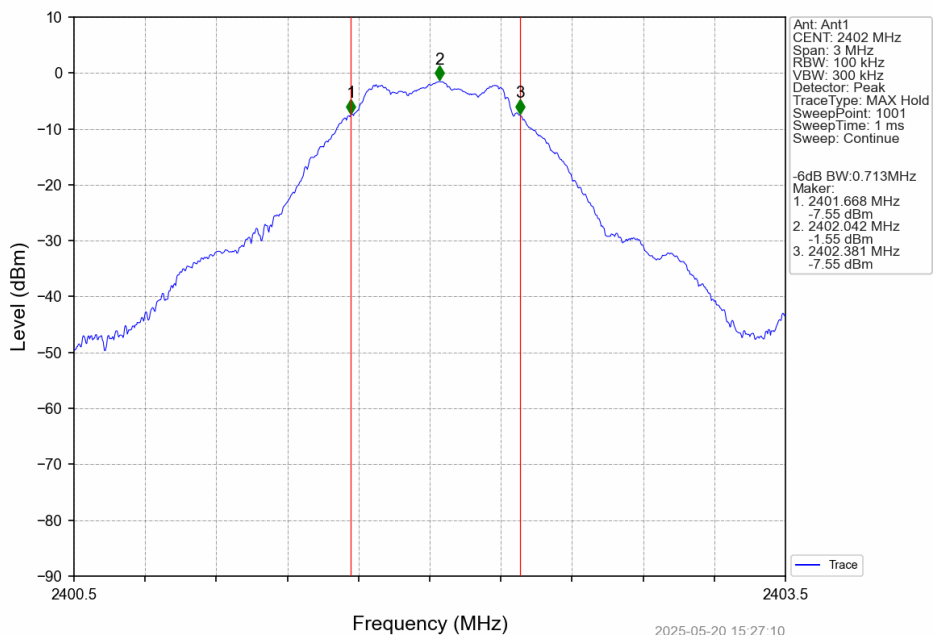
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1M	SISO	2402	1	0.713	≥ 0.5	Pass
		2440	1	0.720	≥ 0.5	Pass
		2480	1	0.714	≥ 0.5	Pass



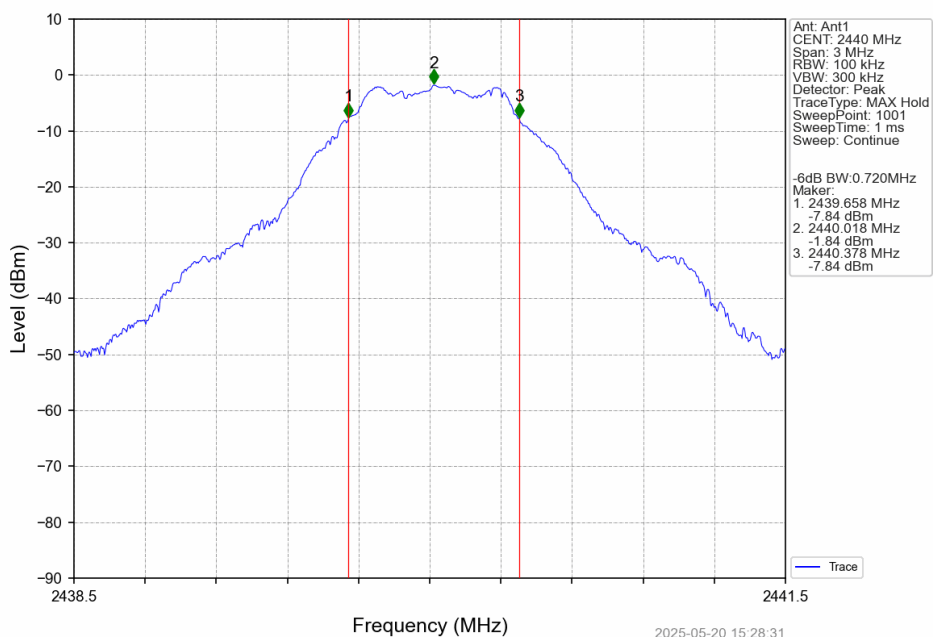
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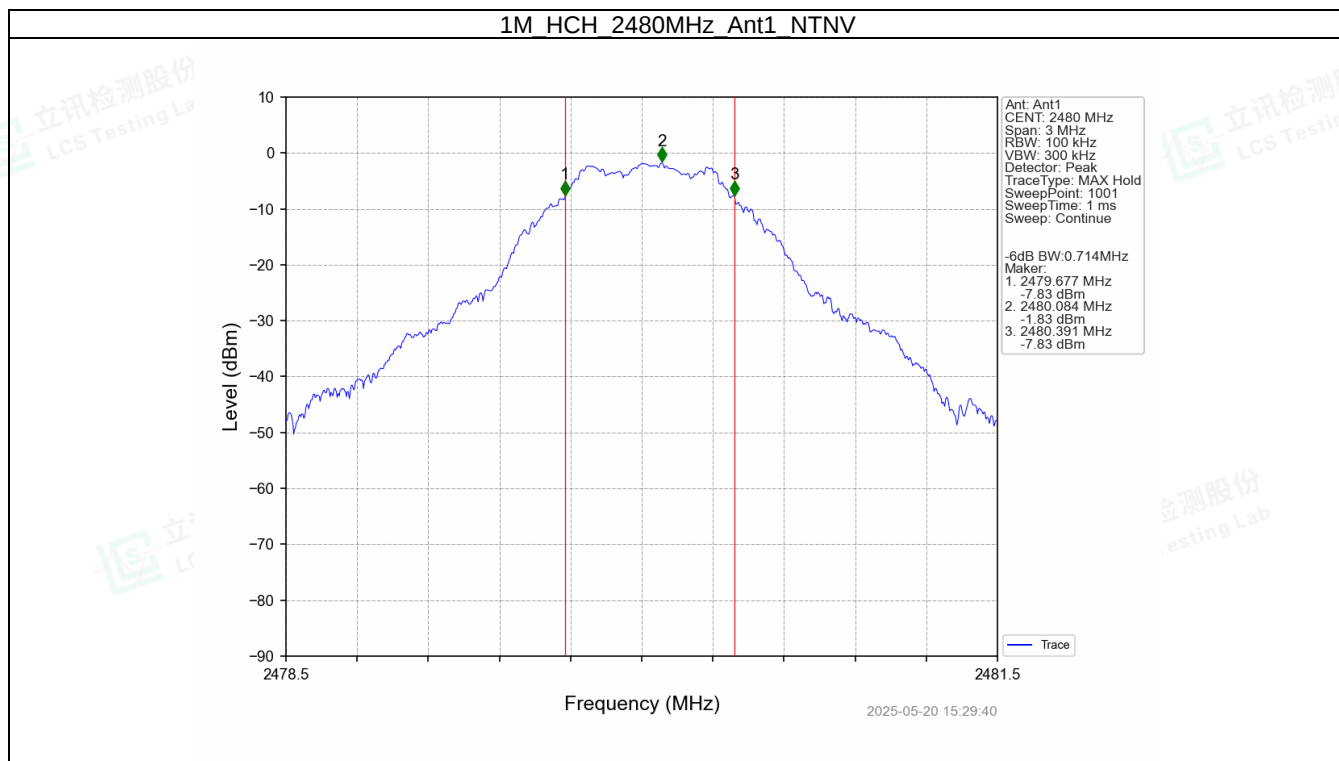


1M LCH 2402MHz Ant1 NTN



1M_MCH_2440MHz_Ant1_NTN







B.2 Maximum Peak Conducted Output Power

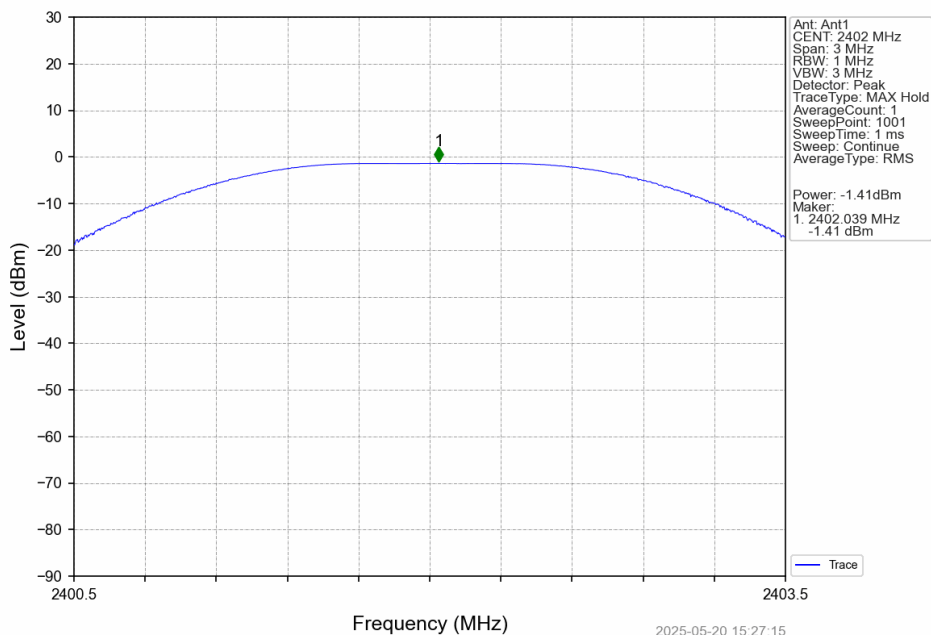
Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
1M	SISO	2402	-1.41	<=30	Pass
		2440	-1.42	<=30	Pass
		2480	-1.48	<=30	Pass



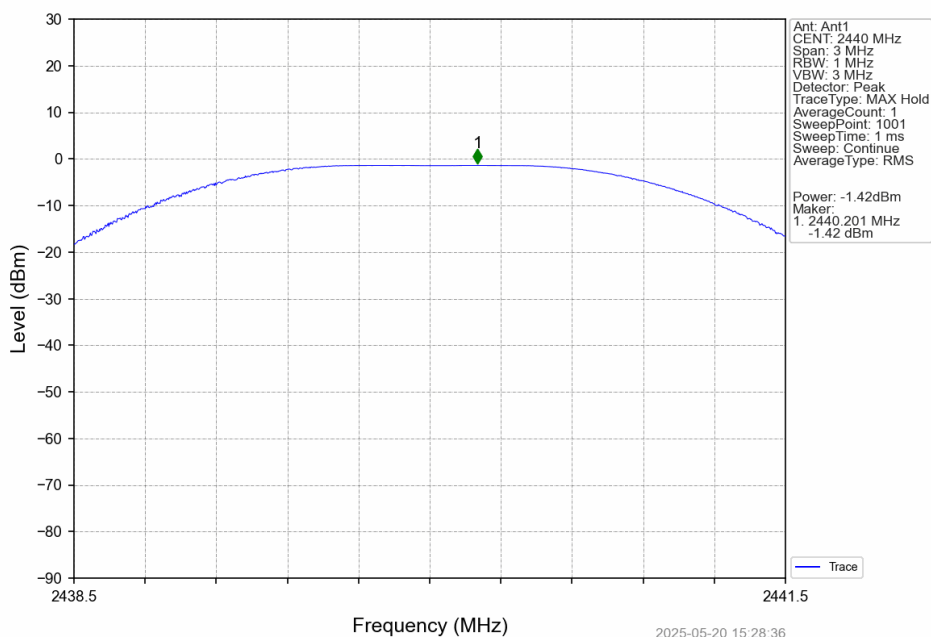
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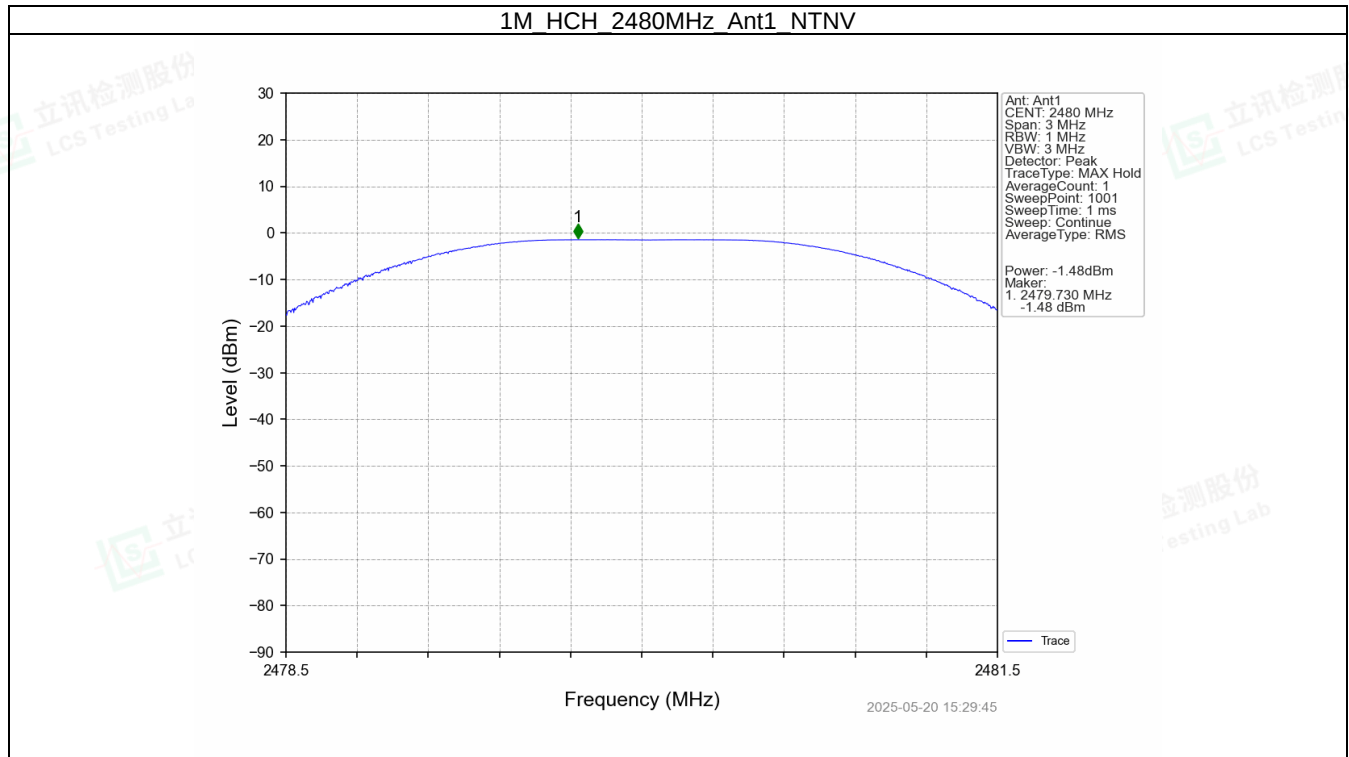


1M LCH 2402MHz Ant1 NTV



1M_MCH_2440MHz_Ant1_NTV







B.3 Maximum Power Spectral Density

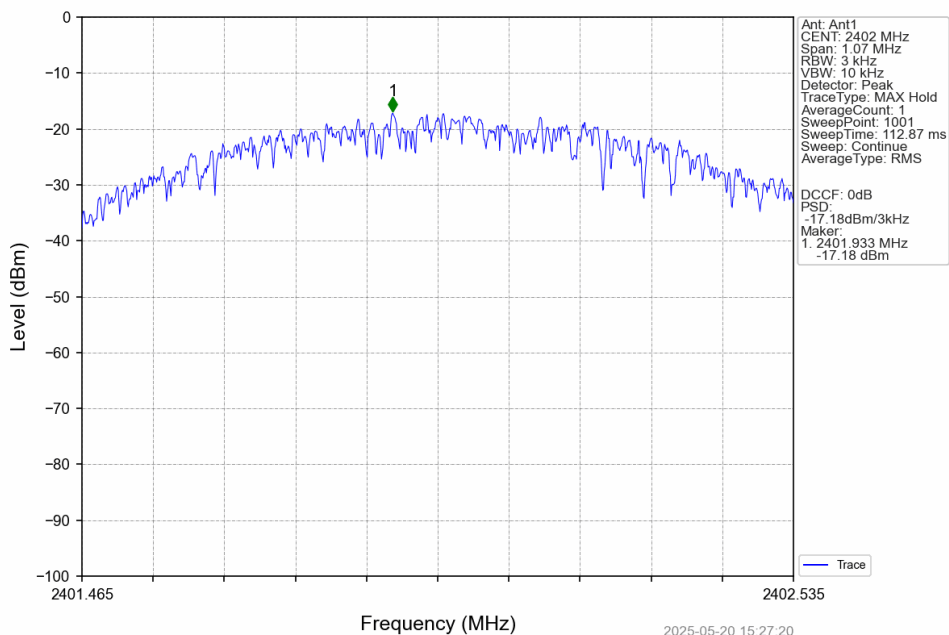
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
1M	SISO	2402	-17.18	<=8	Pass
		2440	-17.05	<=8	Pass
		2480	-15.93	<=8	Pass



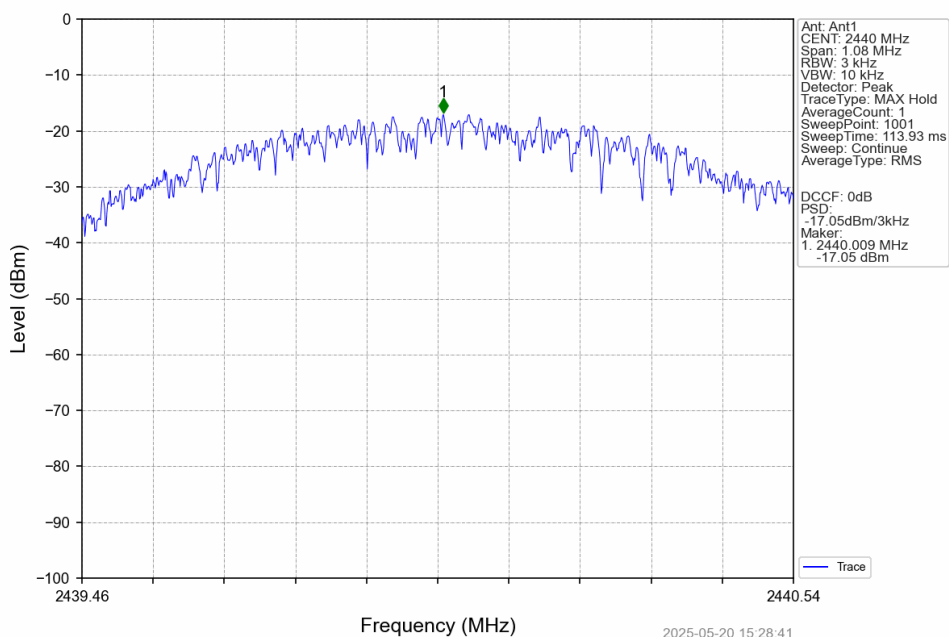
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1M_MCH_2440MHz_Ant1_NTN

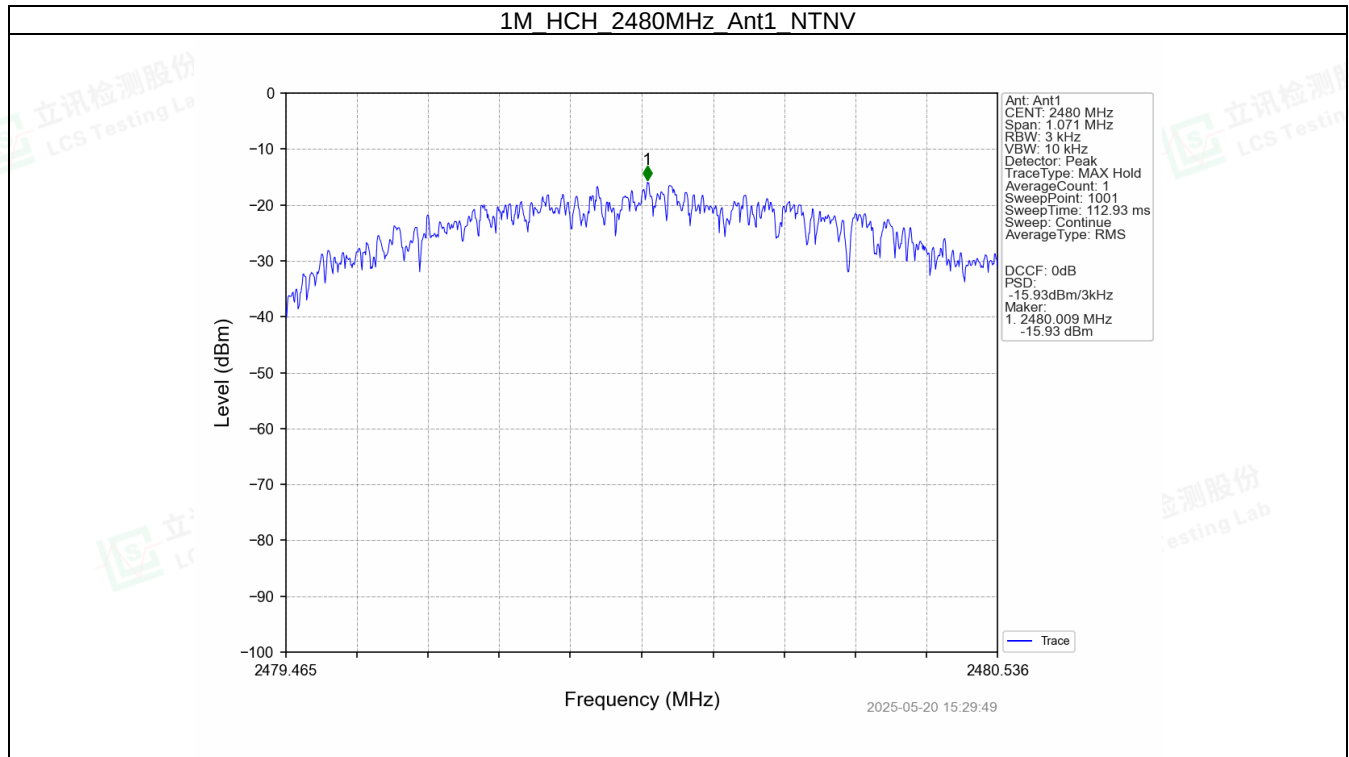


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B.4 Band Edge

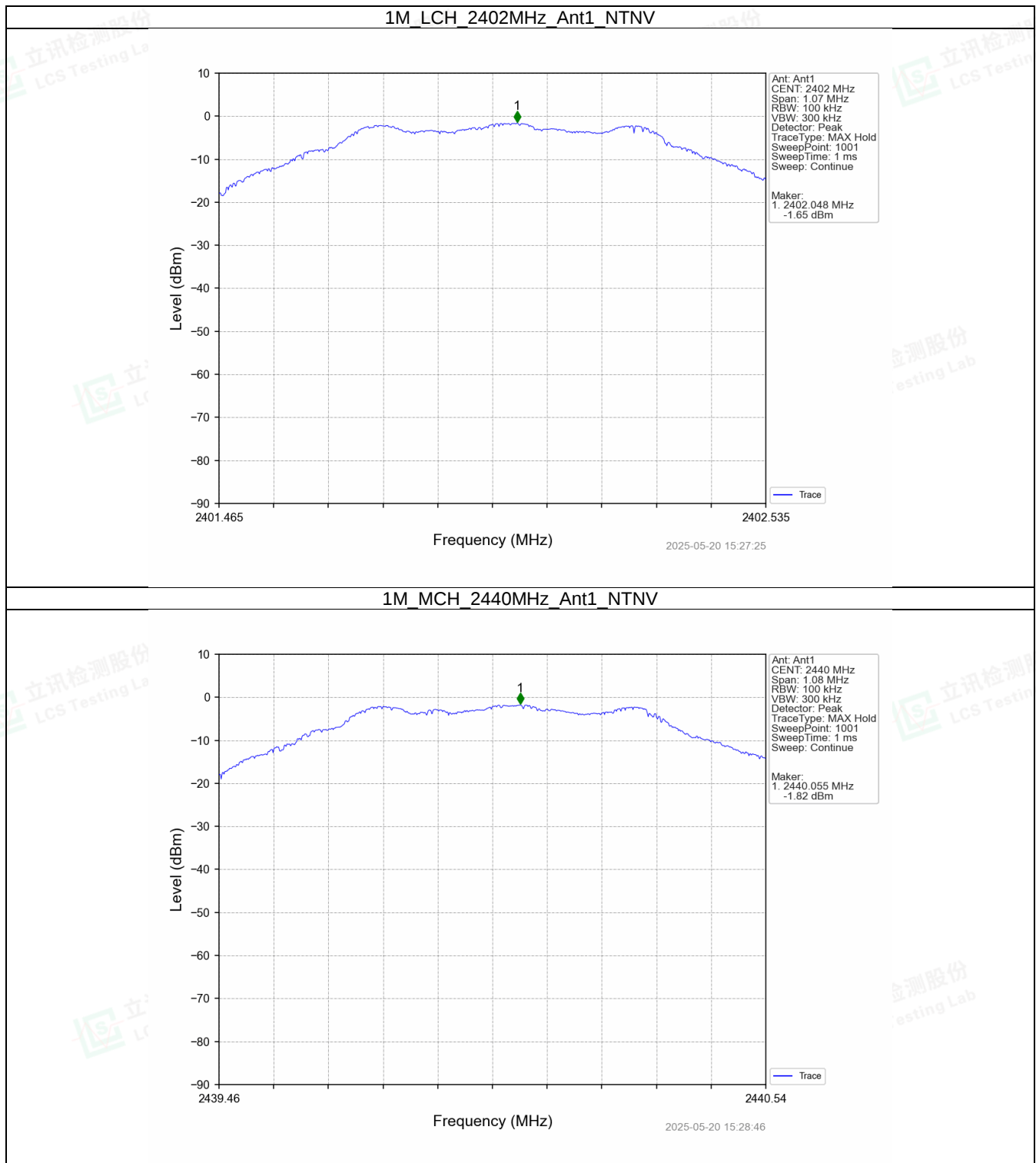
Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
1M	SISO	2402	1	-1.65	-21.65	Pass
		2440	1	-1.65	-21.65	Pass
		2480	1	-1.65	-21.65	Pass
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.						



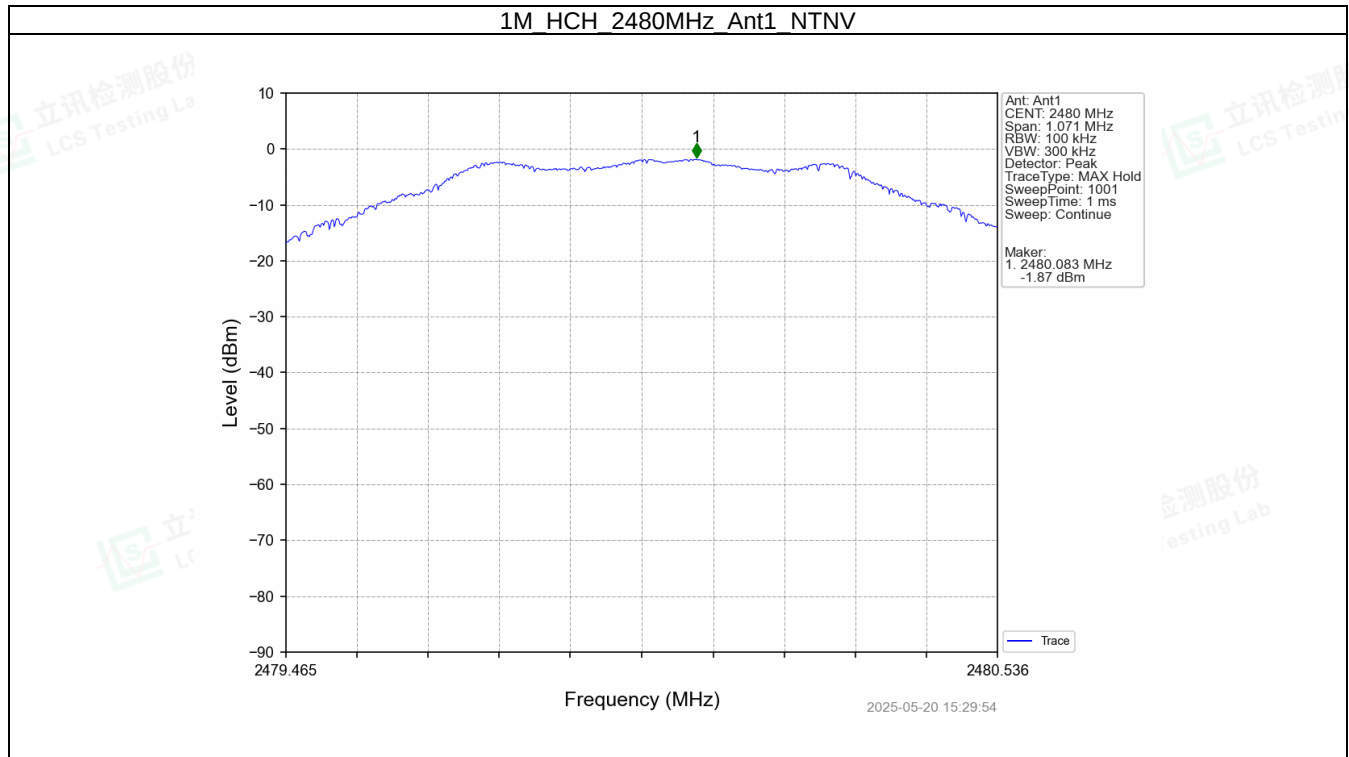
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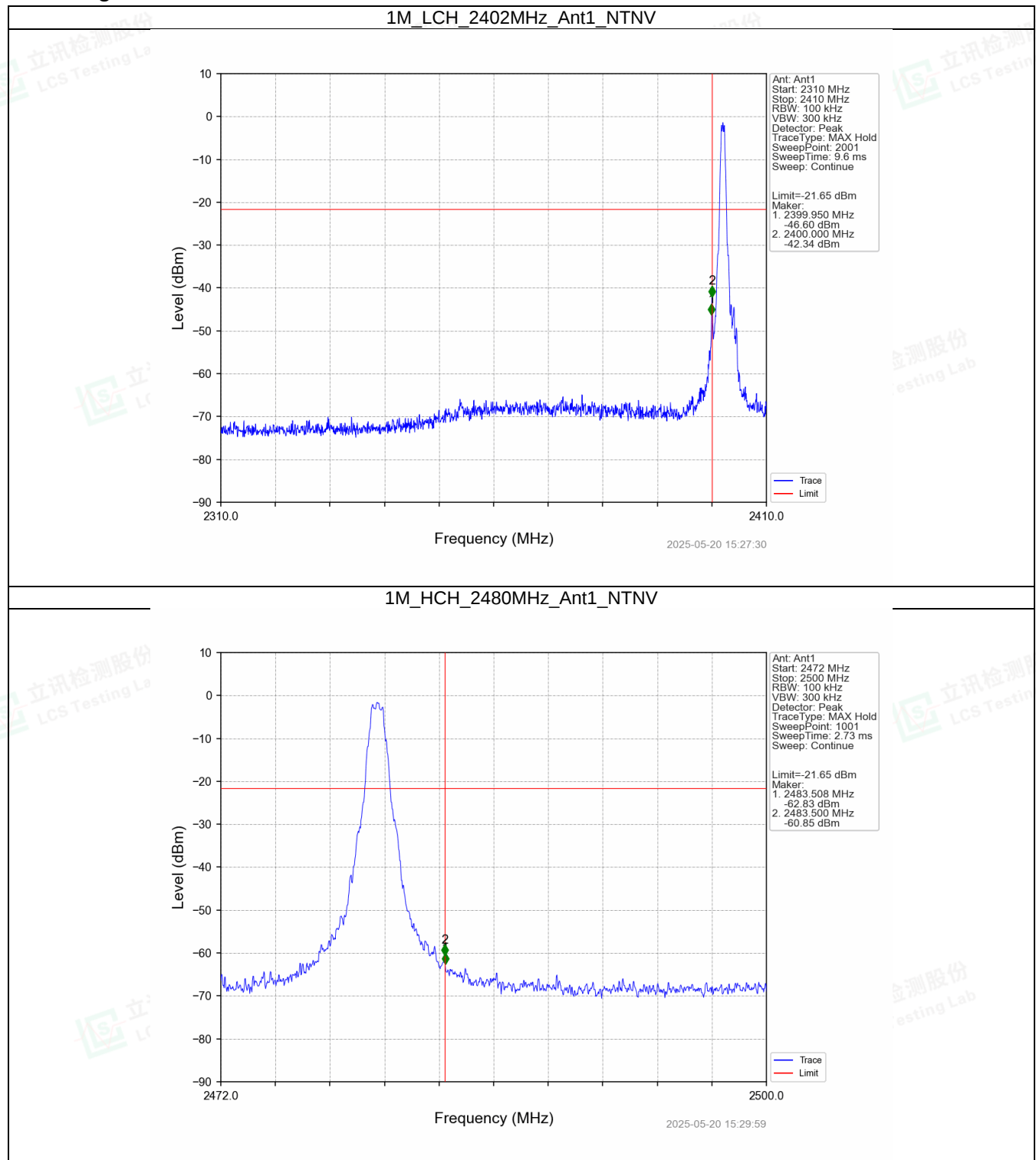


Ref



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**Band Edge**



B.5 Conducted RF Spurious Emission

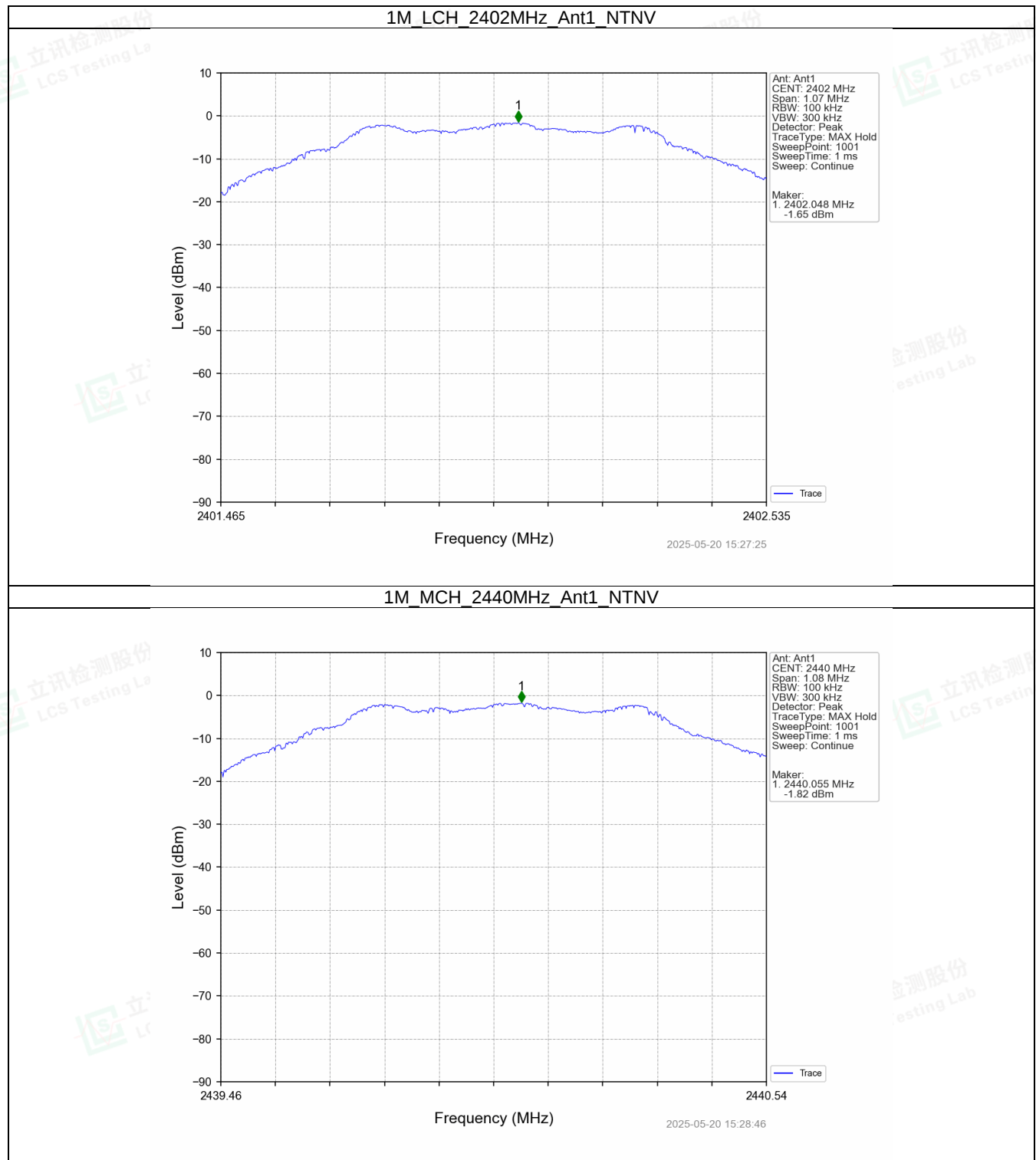
Mode	Tx Type	Frequency (MHz)	ANT	Level of Reference (dBm)
1M	SISO	2402	1	-1.65
		2440	1	-1.82
		2480	1	-1.87
Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.				

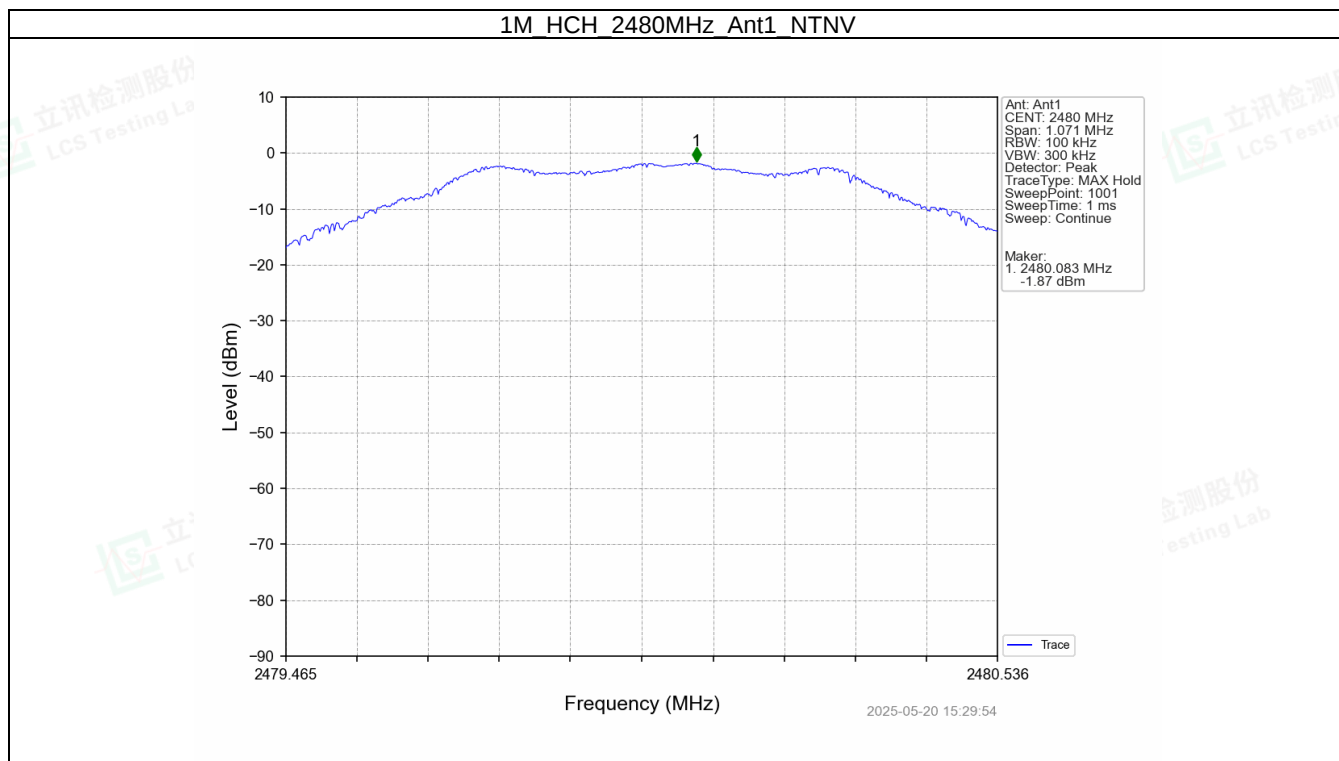


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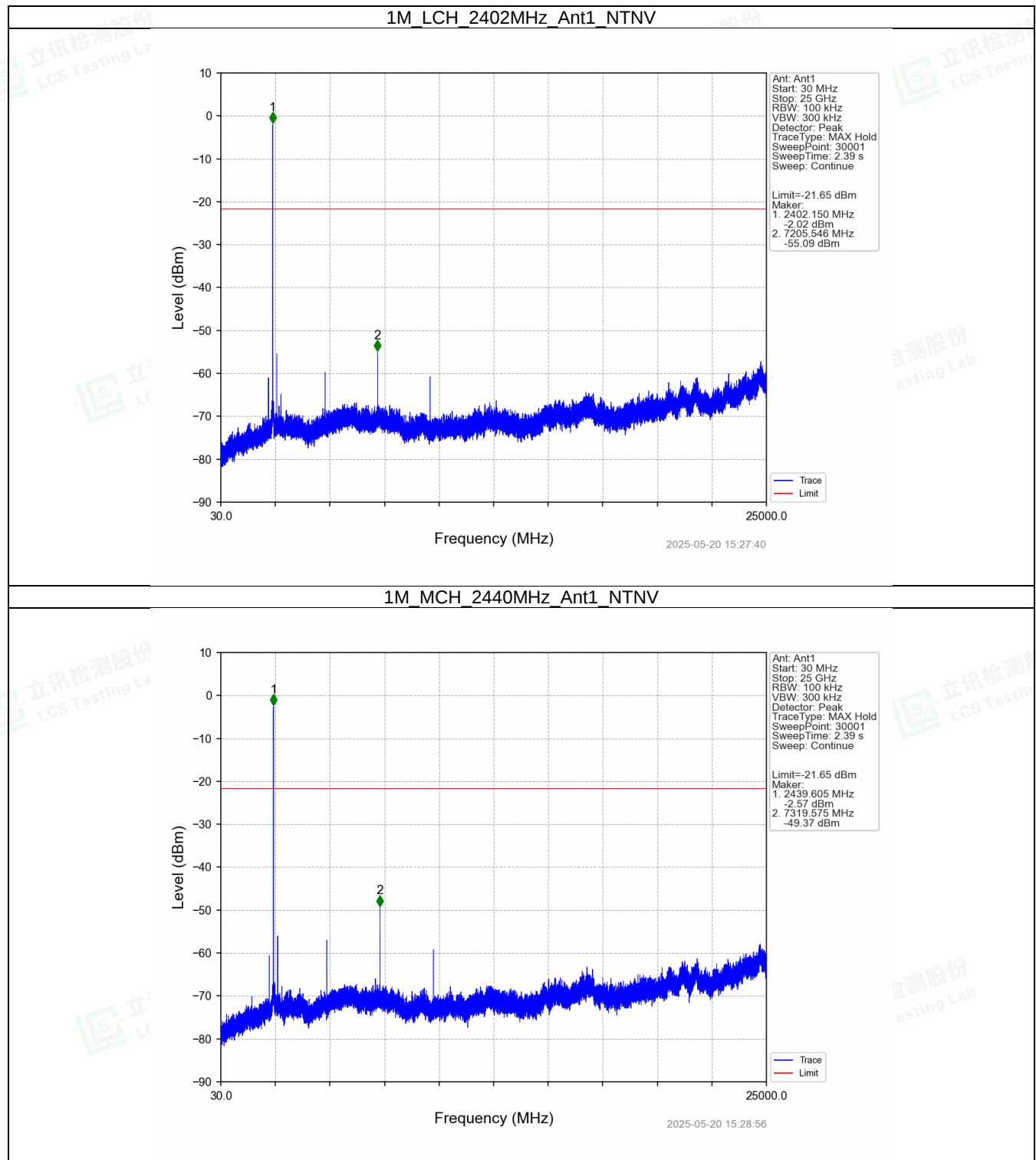
Ref



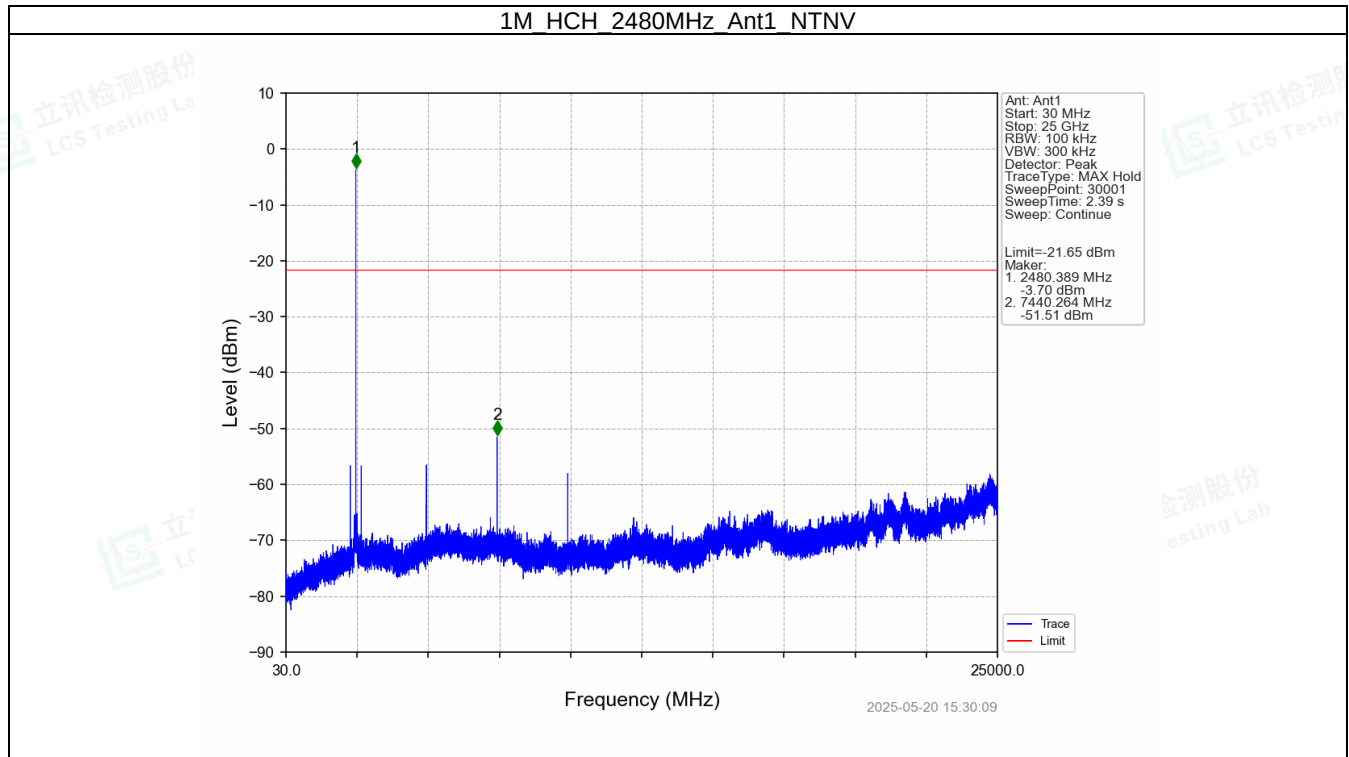




CSE



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B.6 Duty Cycle

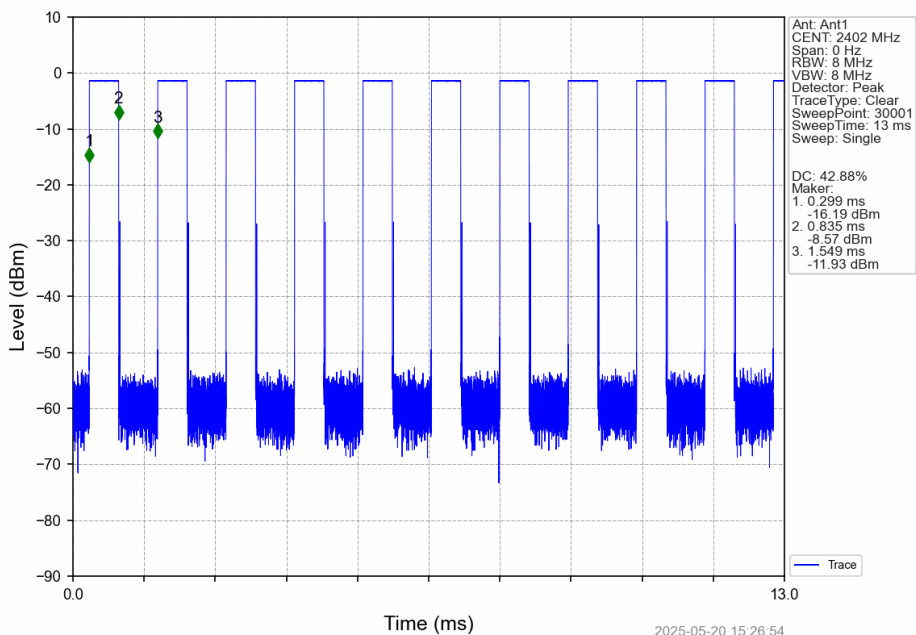
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1M	SISO	2402	0.536	1.250	42.88	3.68	0.03
		2440	0.537	1.250	42.96	3.67	0.03
		2480	0.536	1.250	42.88	3.68	0.03



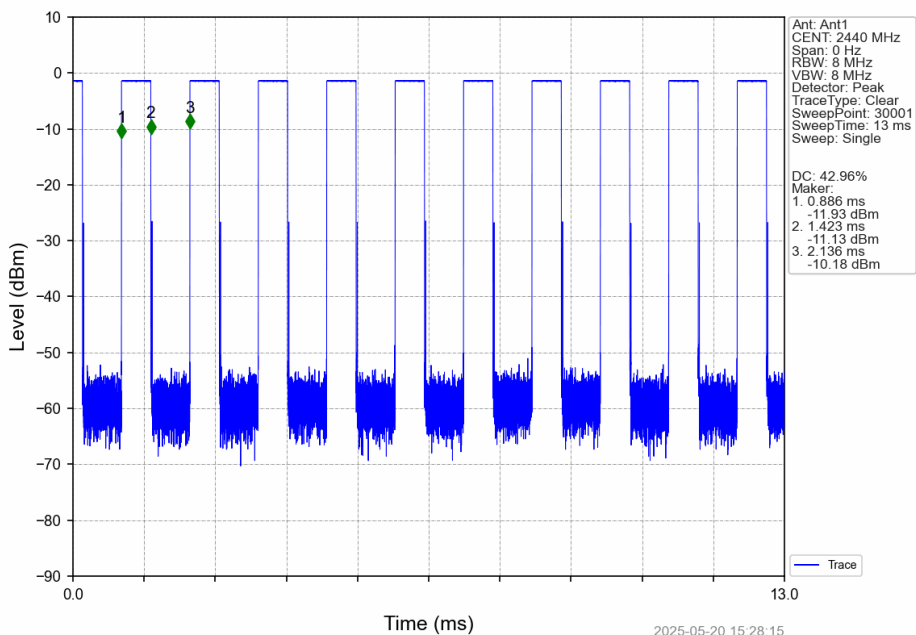
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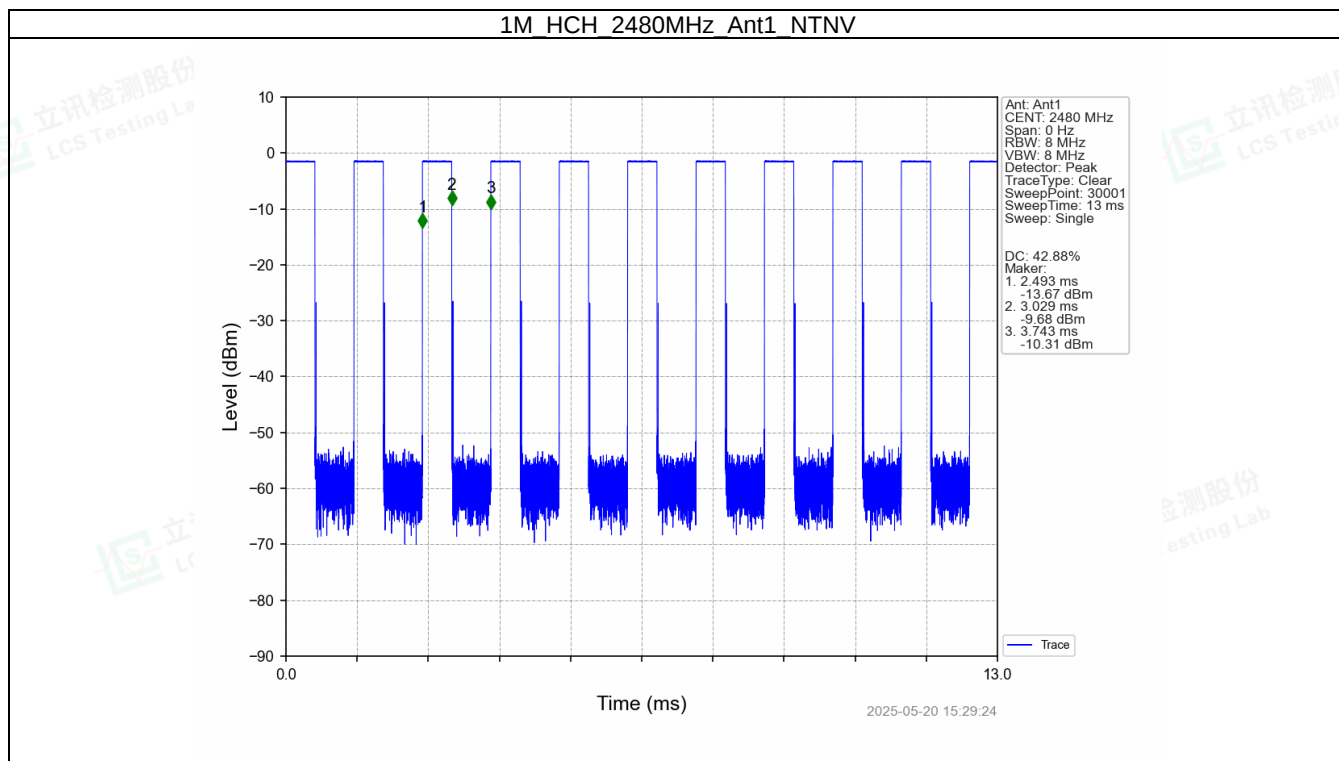


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B.7 Restricted Band

