

Appendix Test Data

Report No.:	1812C50689412503-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-25	Finish Test Date:	2025-12-31
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	19.7°C	Relative Humidity:	62%
Pressure:	101kPa		



Appendix A: Frequency Error

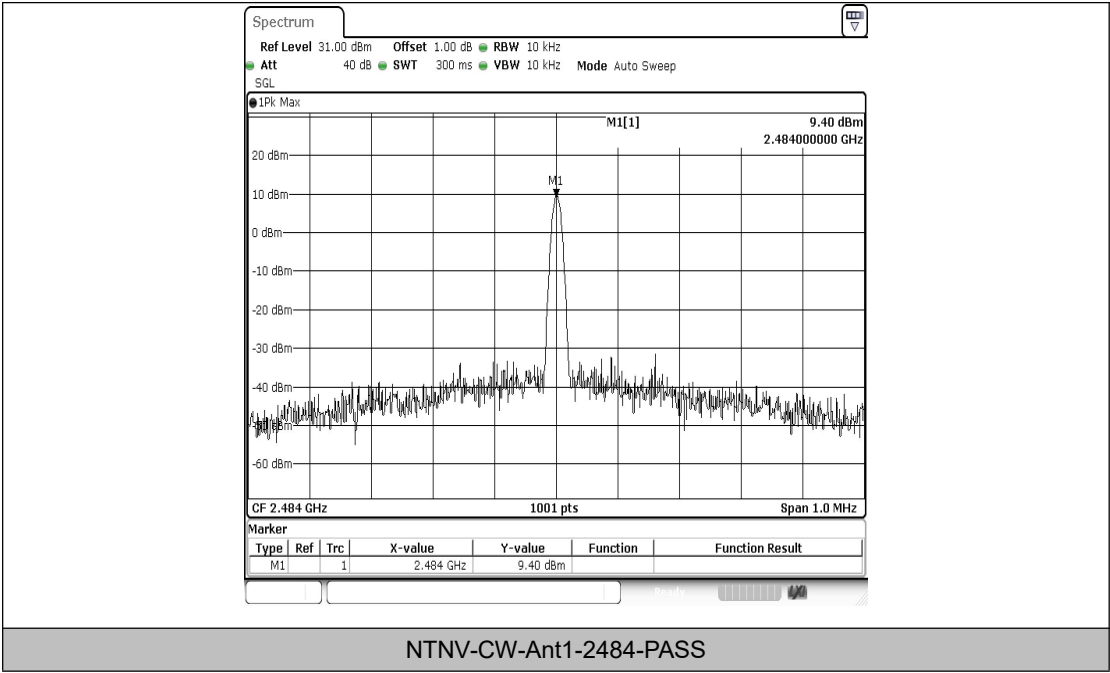
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Center Freq. [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW	Ant1	2484	2484	0.00000	±50	PASS

Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000



Test Graphs



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Appendix B: Antenna Power

Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Result [mW/MHz]	Limit [mW/MHz]	Verdict
NTNV	11B	Ant1	2484	3.59	2.2856	≤10	PASS

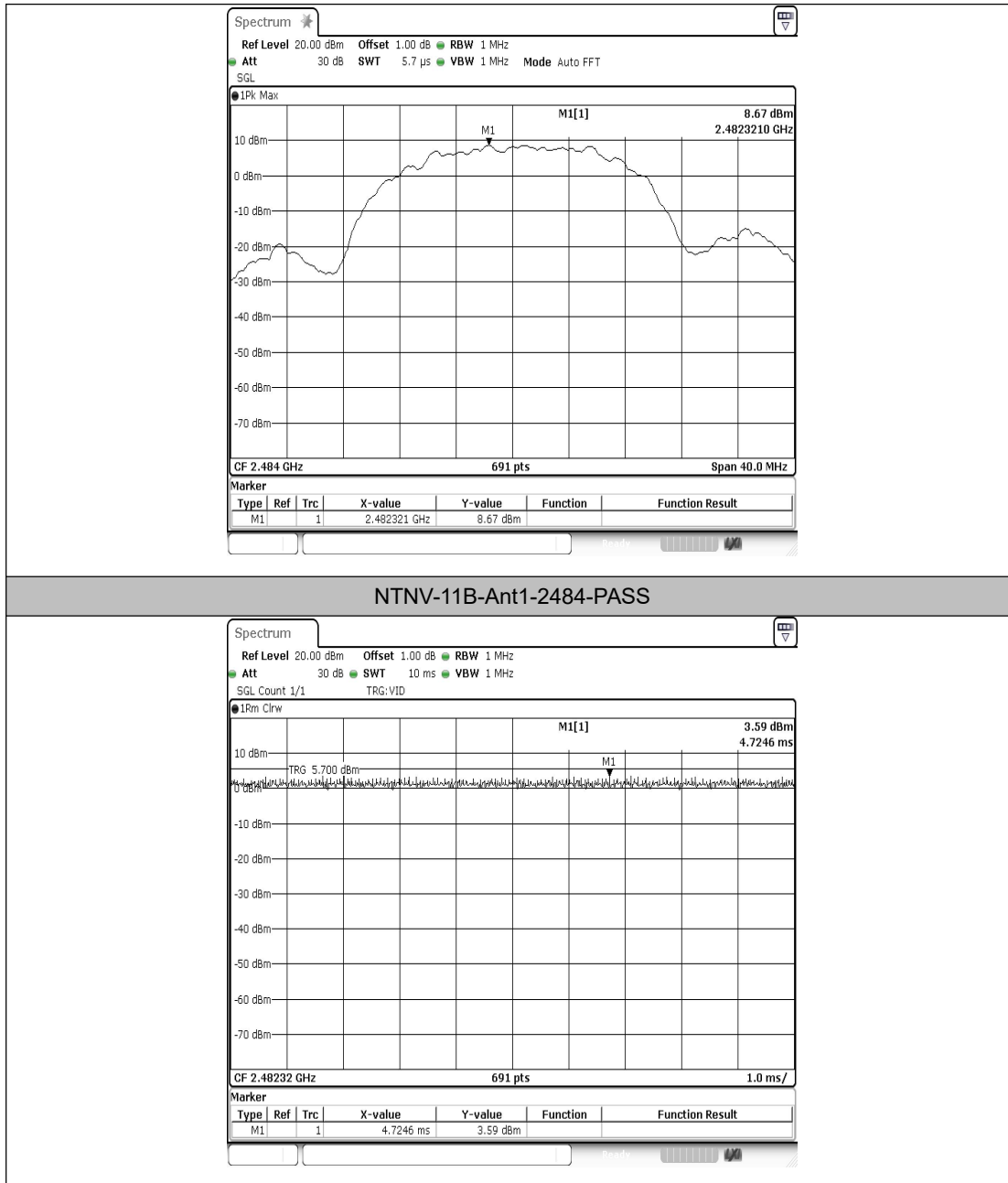
Test Condition	Test Mode	Antenna	Frequency[MHz]	Power [mW/MHz]	RatedPower [mW/MHz]	Result [%]	Limit [%]	Verdict
NTNV	11B	Ant1	2484	2.2856	10	-77.14	-80%~+20%	PASS

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[dBm/MHz]	EIRP(dBm/MHz)	Limit(dBm/MHz)	Verdict
NTNV	11B	Ant1	2484	3.59	6.02	≤12.14	PASS

Note:EIRP[dBm]=Result[dBm]+Gain(dBi)



Test Graphs



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Appendix C: Occupied Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11B	Ant1	2484	19.061	≤26	PASS



Test Graphs



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Appendix D: Spurious Emission of TX

Test Result

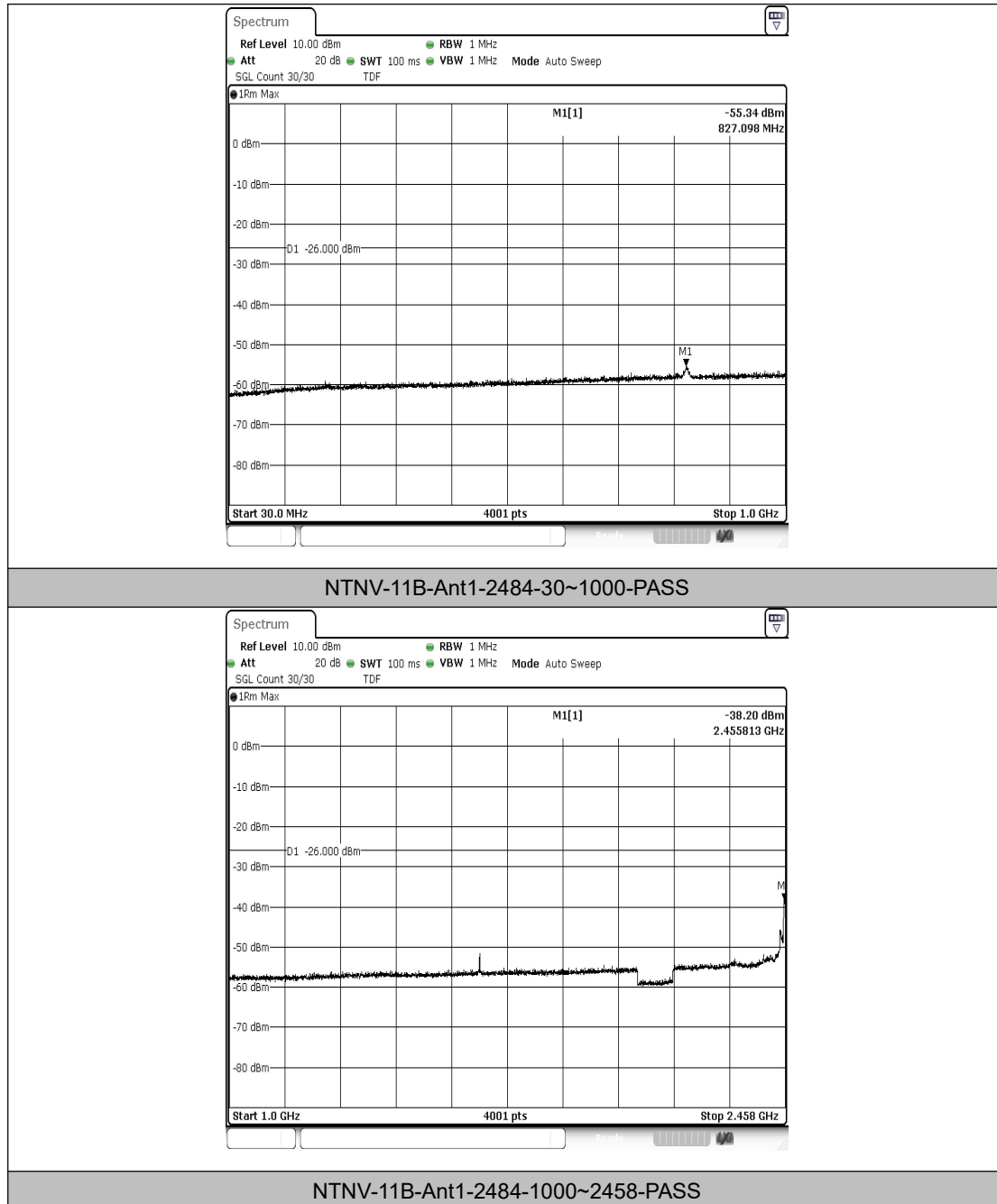
Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	11B	Ant1	2484	30~1000	827.10	-55.34	≤ -26	0.00292	≤ 2.5	PASS
NTNV	11B	Ant1	2484	1000~2458	2455.81	-38.20	≤ -26	0.15136	≤ 2.5	PASS
NTNV	11B	Ant1	2484	2458~2471	2466.72	-23.28	≤ -16	4.69894	≤ 25	PASS
NTNV	11B	Ant1	2484	2497~2510	2501.24	-18.06	≤ -16	15.63148	≤ 25	See table below
NTNV	11B	Ant1	2484	2510~3000	2511.05	-34.20	≤ -26	0.38019	≤ 2.5	PASS

Test Result_Step2

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. [MHz]	Result [dBm/MHz]	Result [μ W/MHz]	Limit [μ W/MHz]	Verdict
NTNV	11B	Ant1	2484	2501.28	-18.55	13.96368	≤ 25	PASS



Test Graphs

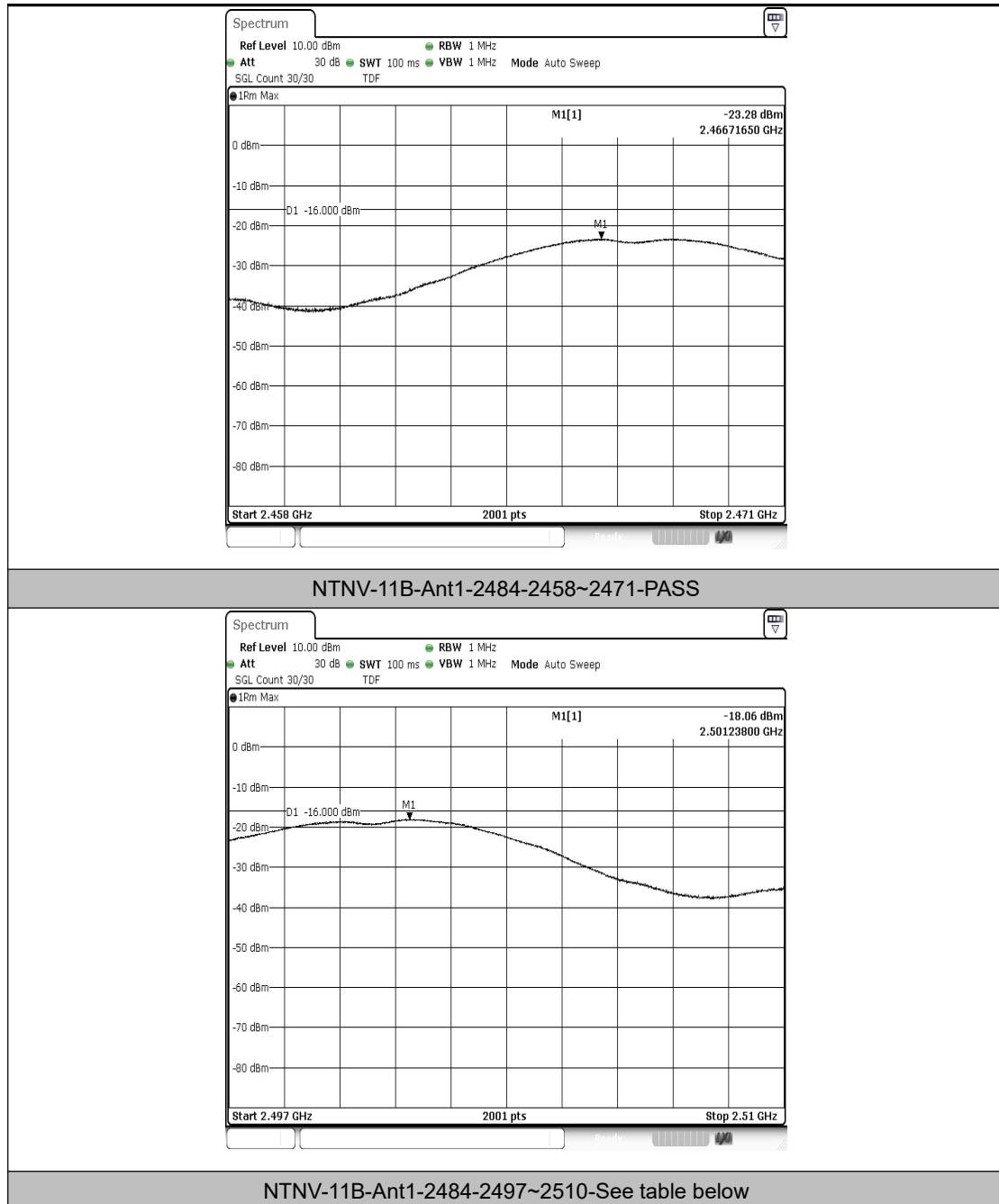


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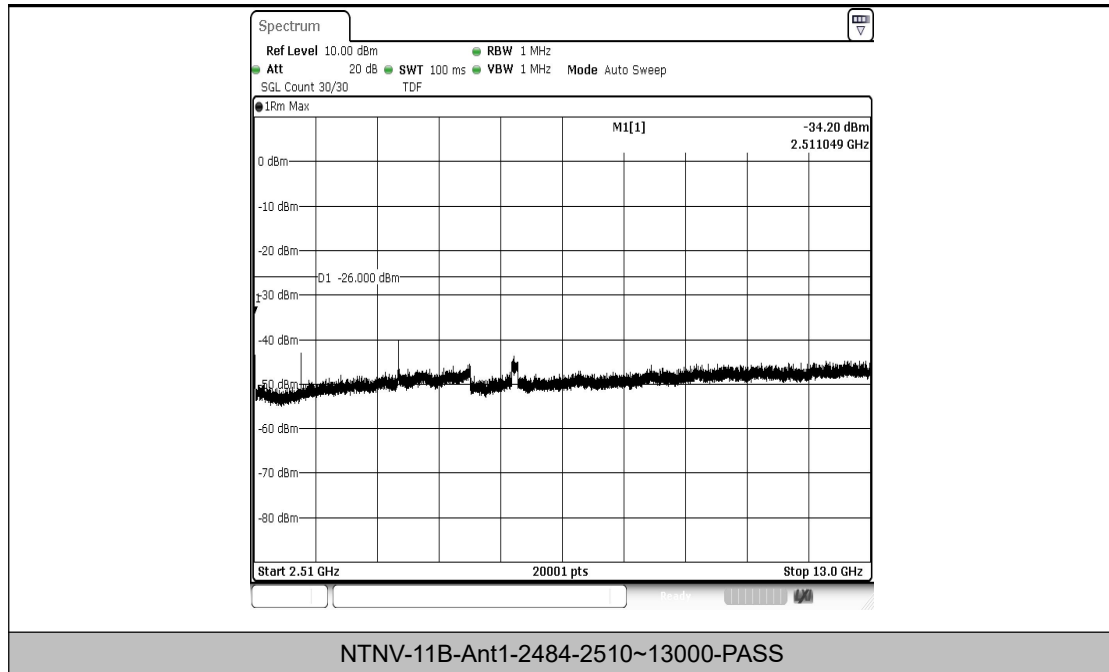


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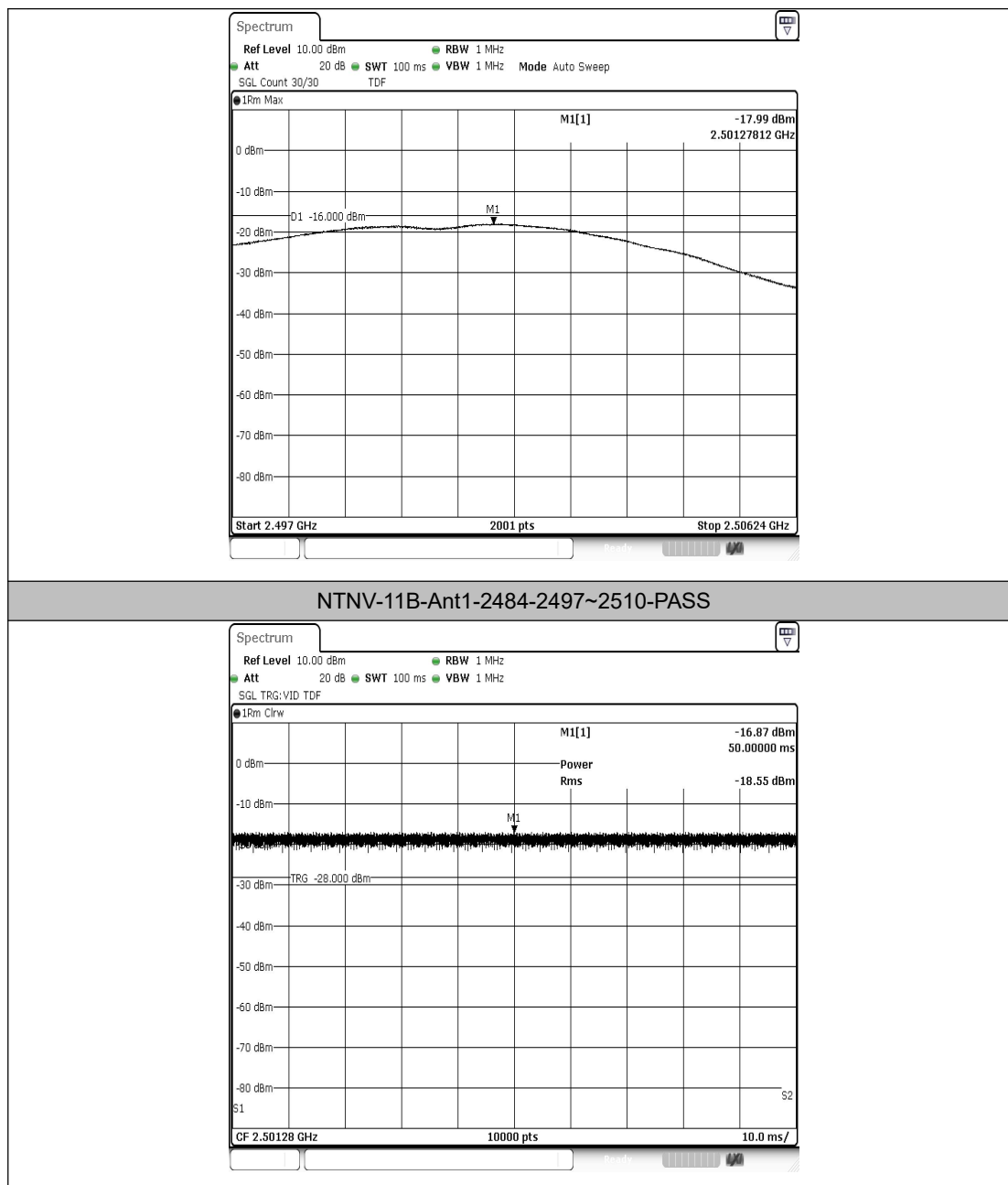
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Test Graphs_Step2



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Appendix E: Spread Bandwidth

Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Spread factor	Limit	Verdict
NTNV	11B	Ant1	2484	14.066	≥0.5	10.230	>10	PASS



Test Graphs



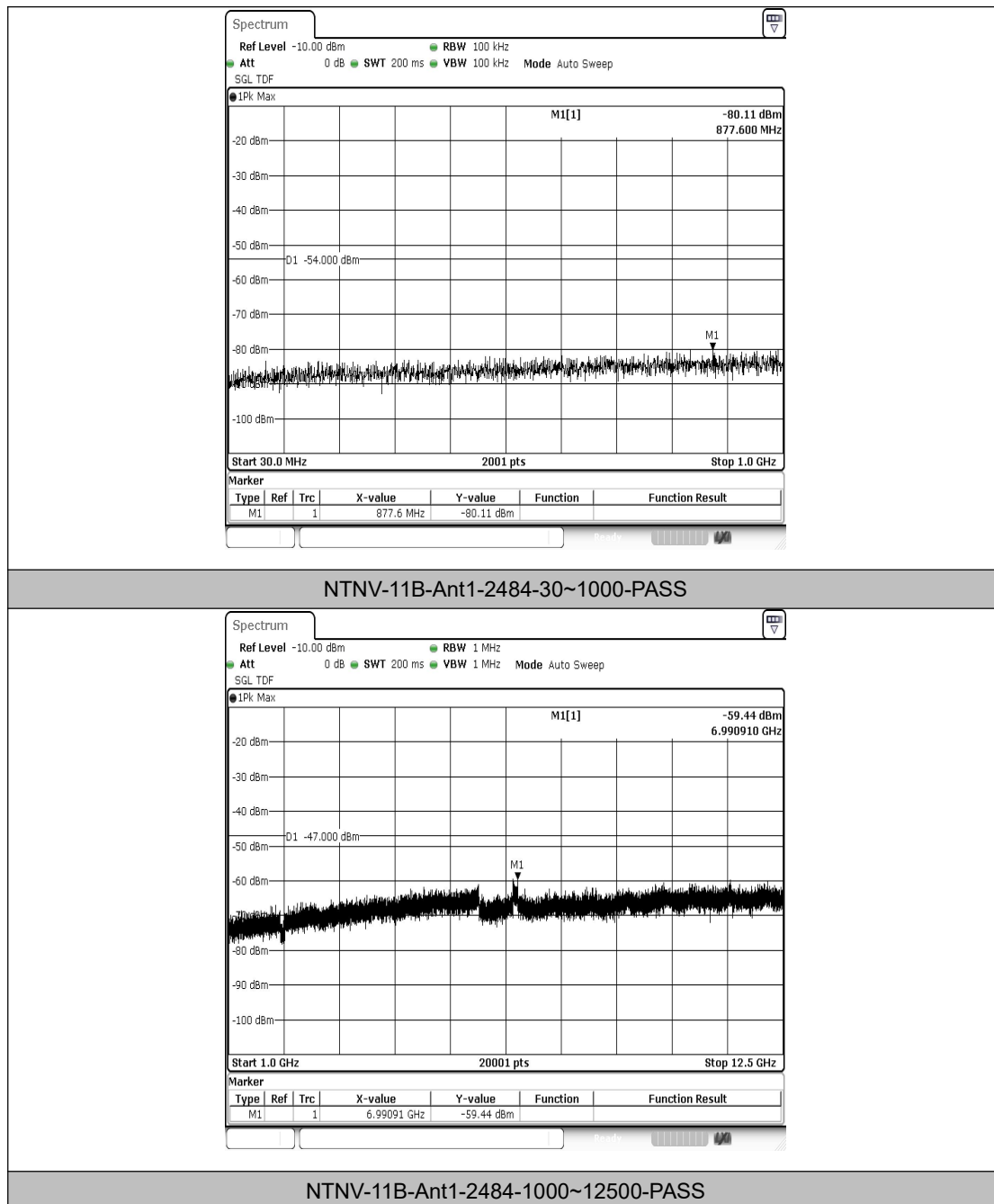
Appendix F: Spurious Emission of RX

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2484	30~1000	877.60	-80.11	≤-54	0.00975	≤4	PASS
NTNV	11B	Ant1	2484	1000~12500	6990.91	-59.44	≤-47	1.13763	≤20	PASS



Test Graphs



---END---

