

Appendix Test Data

Report No.:	1812C60352512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-3	Finish Test Date:	2026-7-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8℃	Relative Humidity:	60%
Pressure:	99.9kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.158	2402.460	2403.618	---	---
2.4G	Ant1	2441	1.152	2440.454	2441.606	---	---
2.4G	Ant1	2480	1.164	2479.454	2480.618	---	---

Test Graphs



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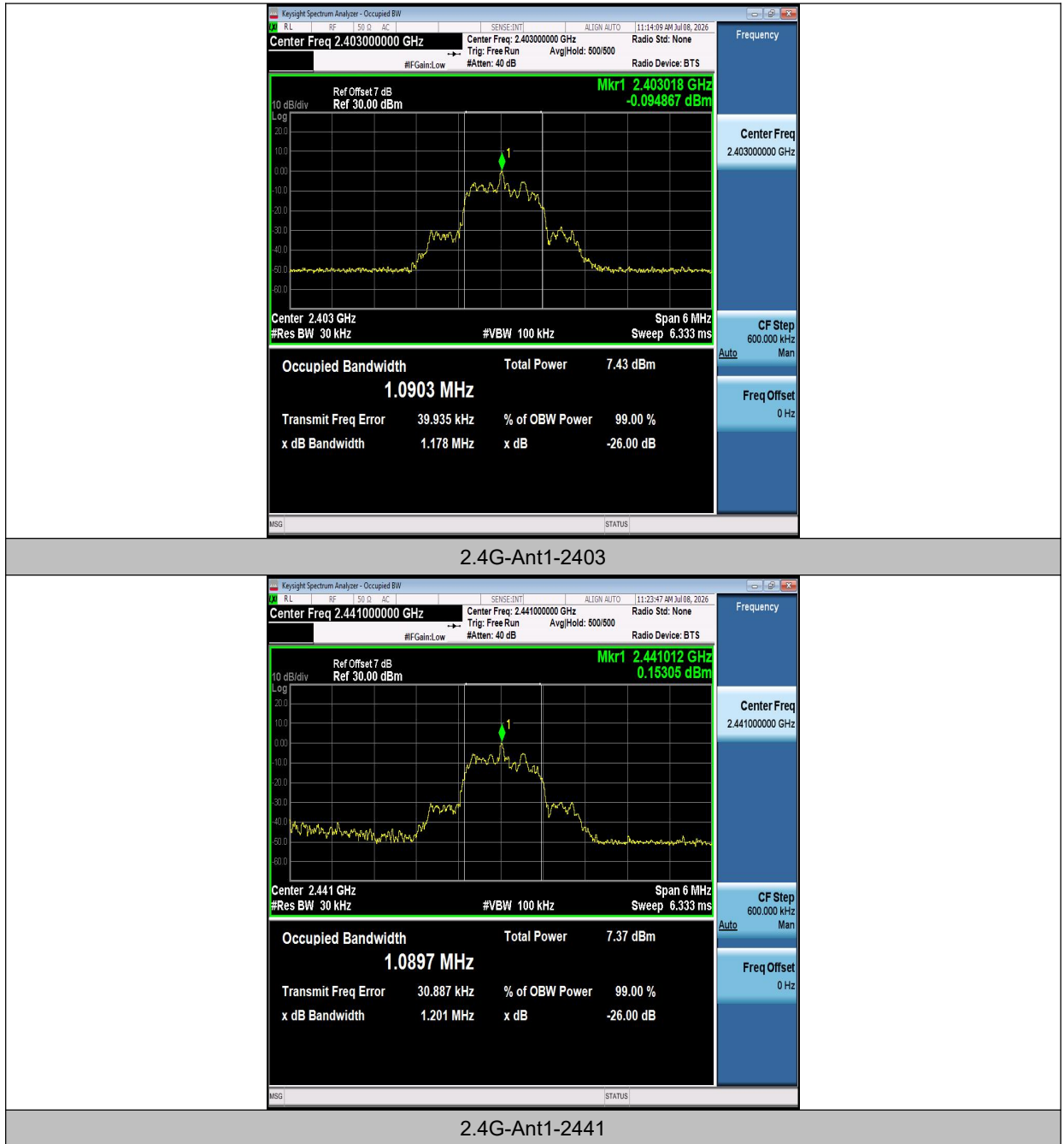
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.0903	2402.4948	2403.5851	---	---
2.4G	Ant1	2441	1.0897	2440.4860	2441.5757	---	---
2.4G	Ant1	2480	1.0935	2479.4952	2480.5887	---	---

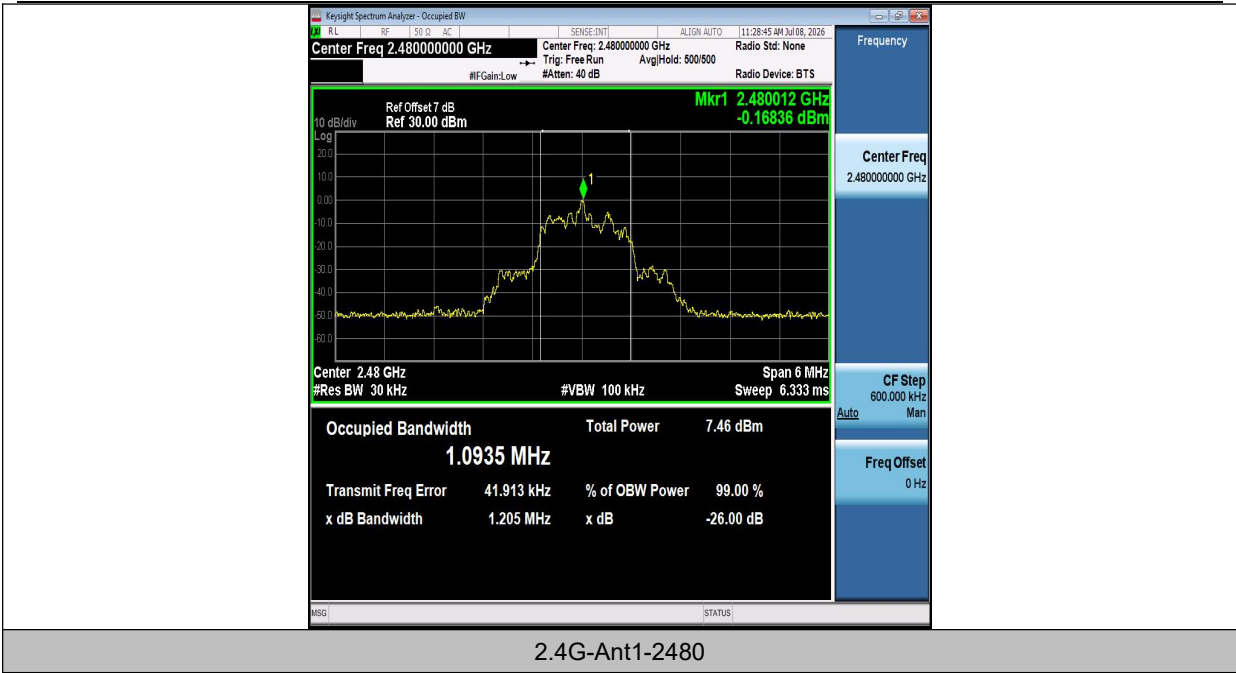
Test Graphs



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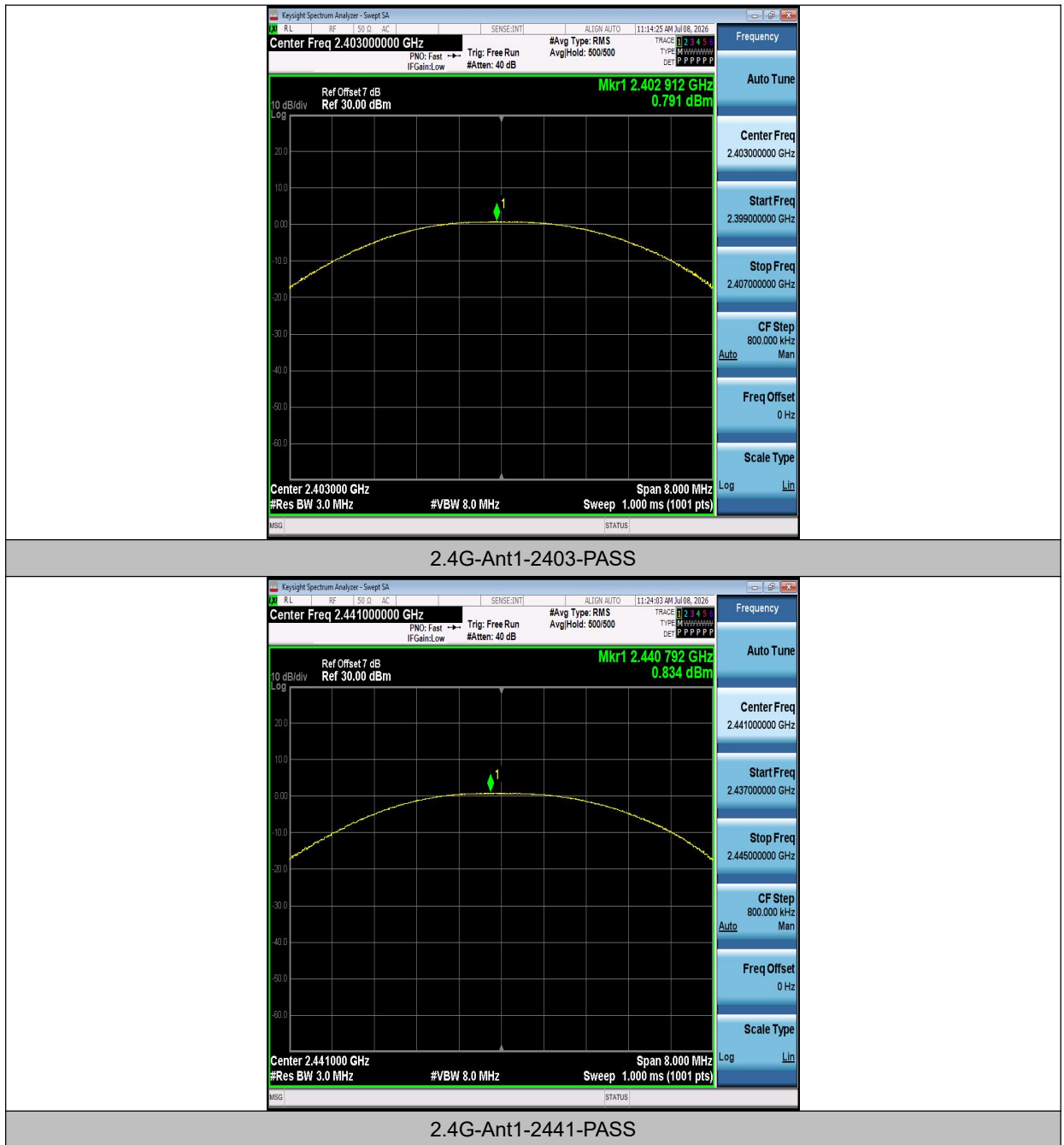
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	0.79	≤20.97	PASS
2.4G	Ant1	2441	0.83	≤20.97	PASS
2.4G	Ant1	2480	0.47	≤20.97	PASS

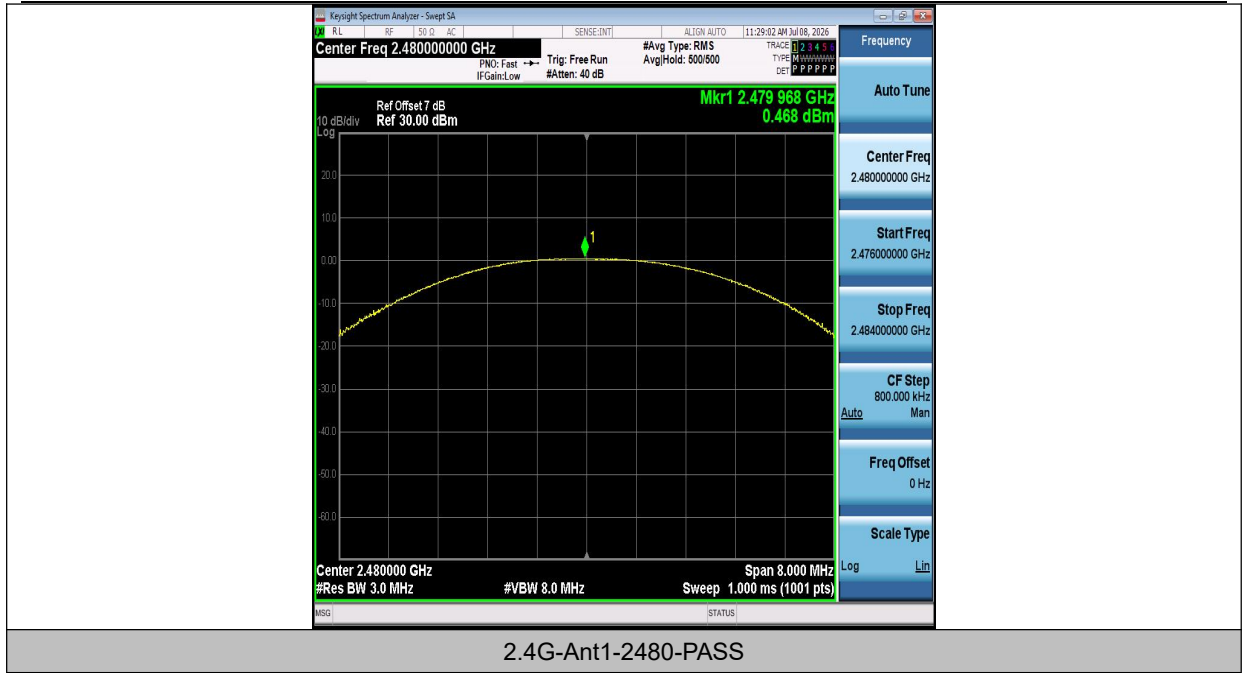
Test Graphs



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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.010	≥ 0.776	PASS

Test Graphs



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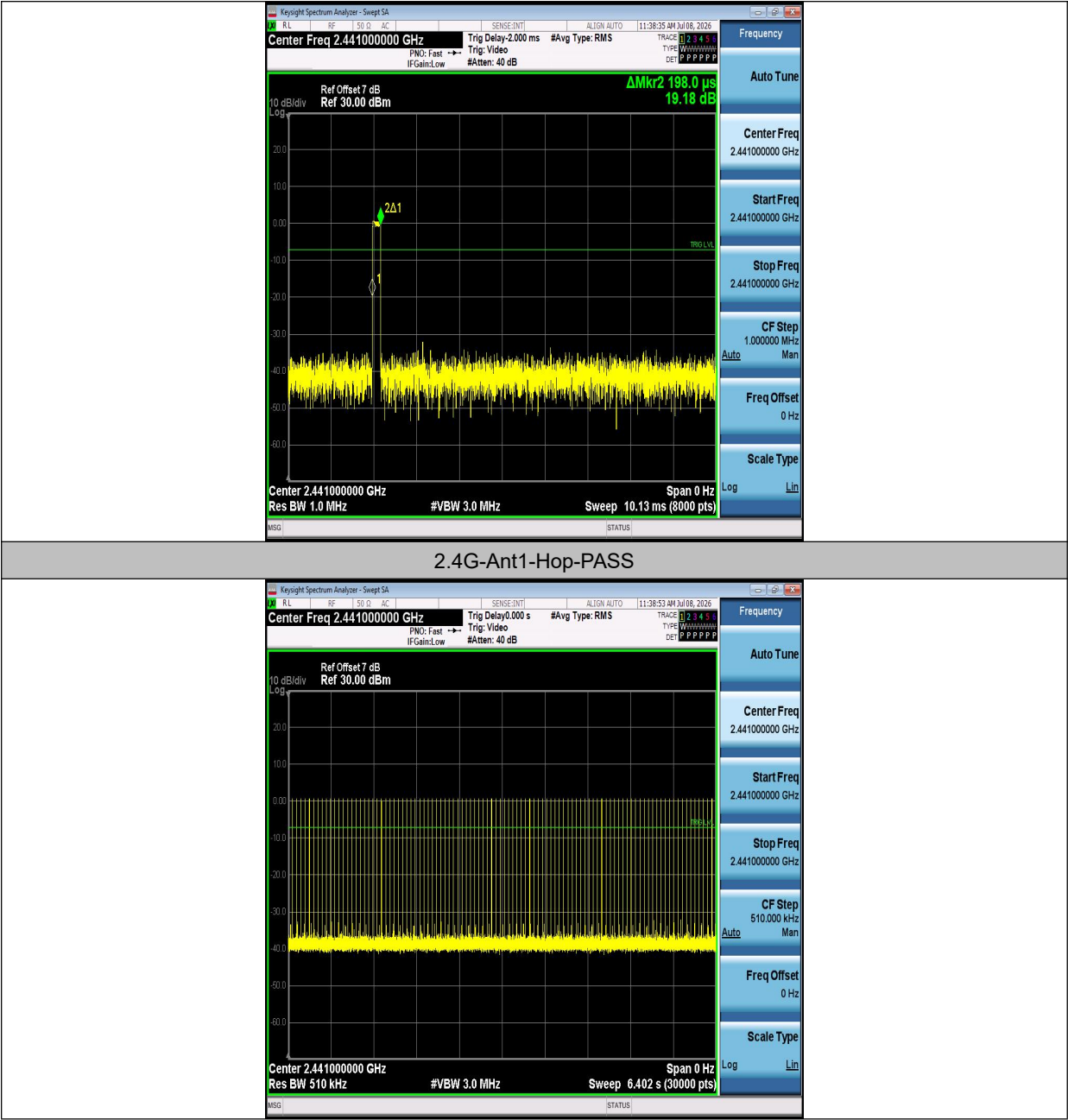
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.198	498.6875	0.099	≤0.4	PASS

Test Graphs

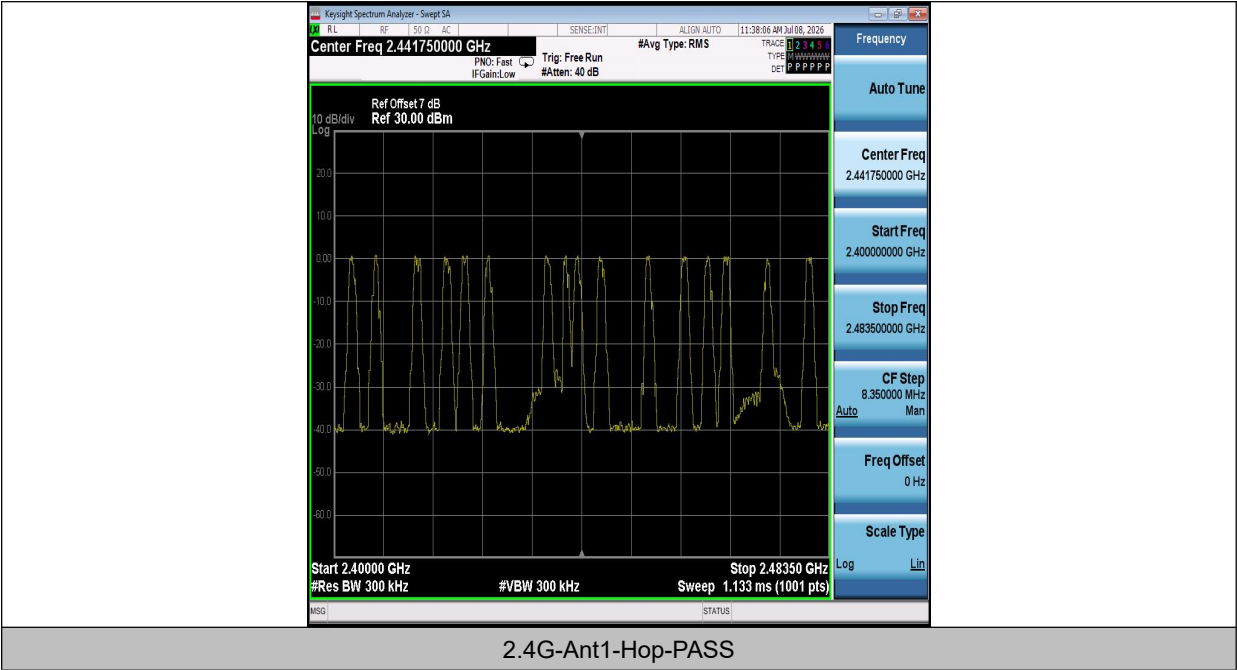


Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	16	≥15	PASS

Test Graphs

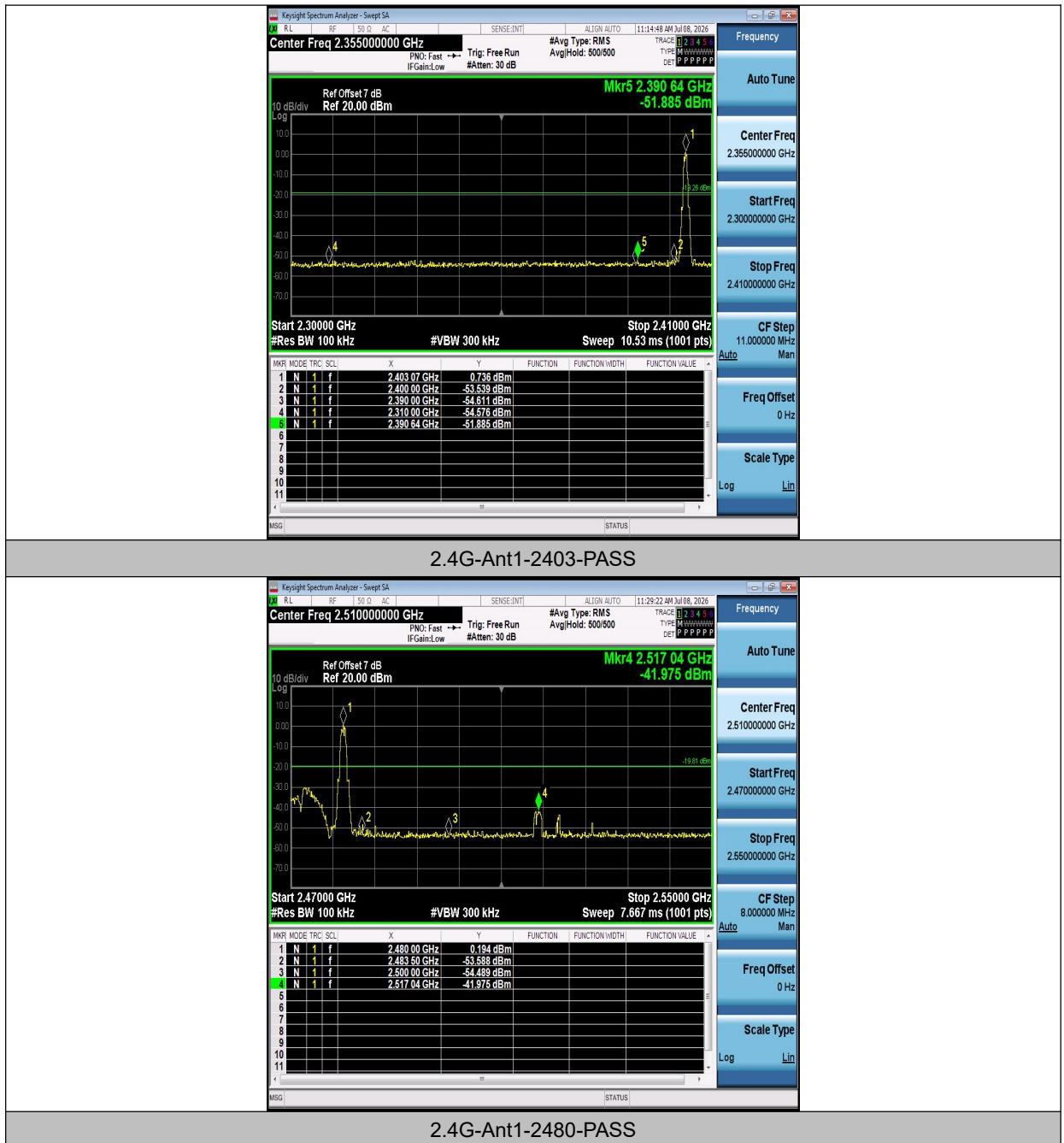


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	0.74	-51.89	≤ -19.26	PASS
2.4G	Ant1	High	2480	0.19	-41.98	≤ -19.81	PASS
2.4G	Ant1	Low	Hop	0.70	-51.17	≤ -19.31	PASS
2.4G	Ant1	High	Hop	0.23	-32.68	≤ -19.77	PASS

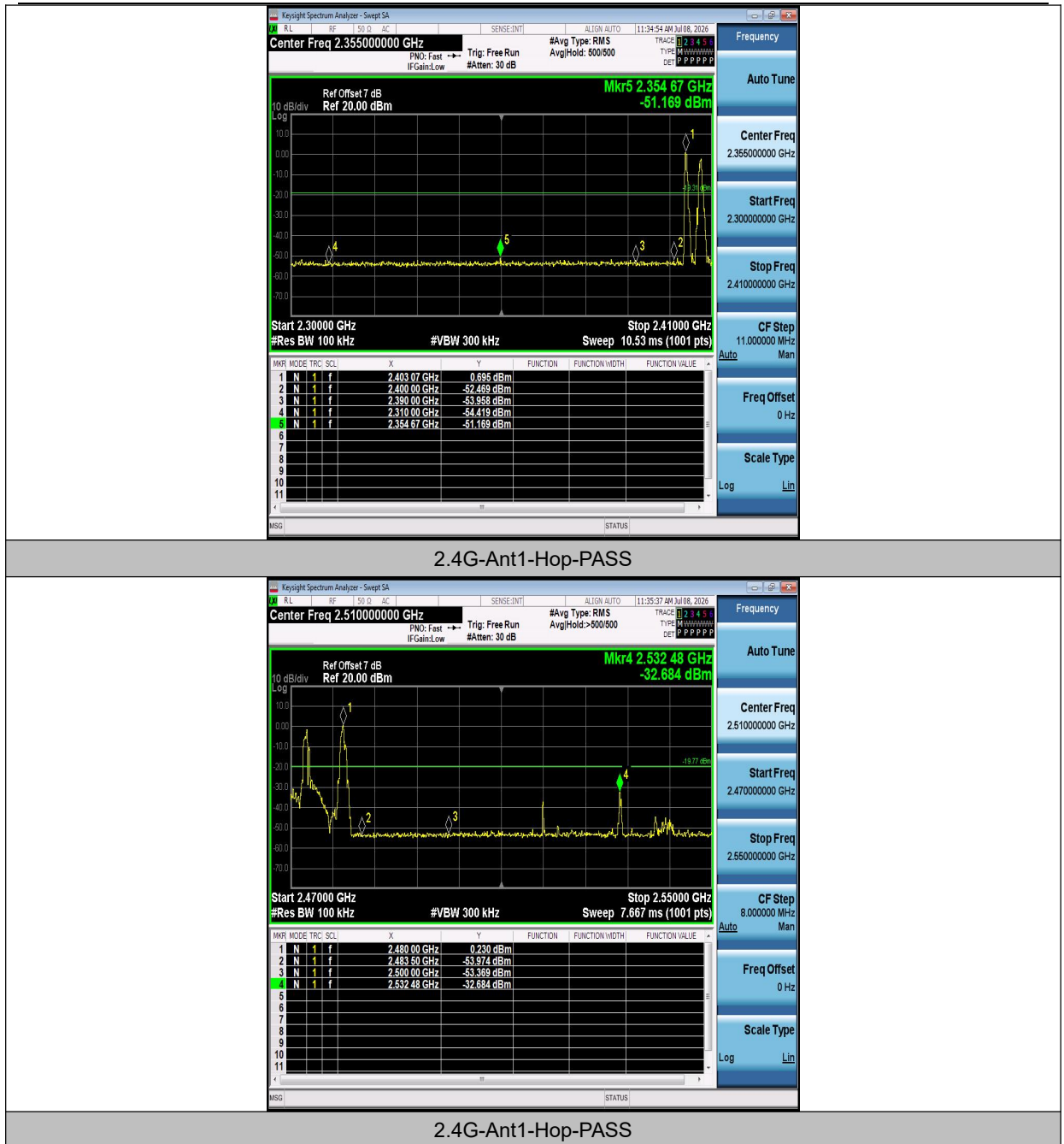
Test Graphs



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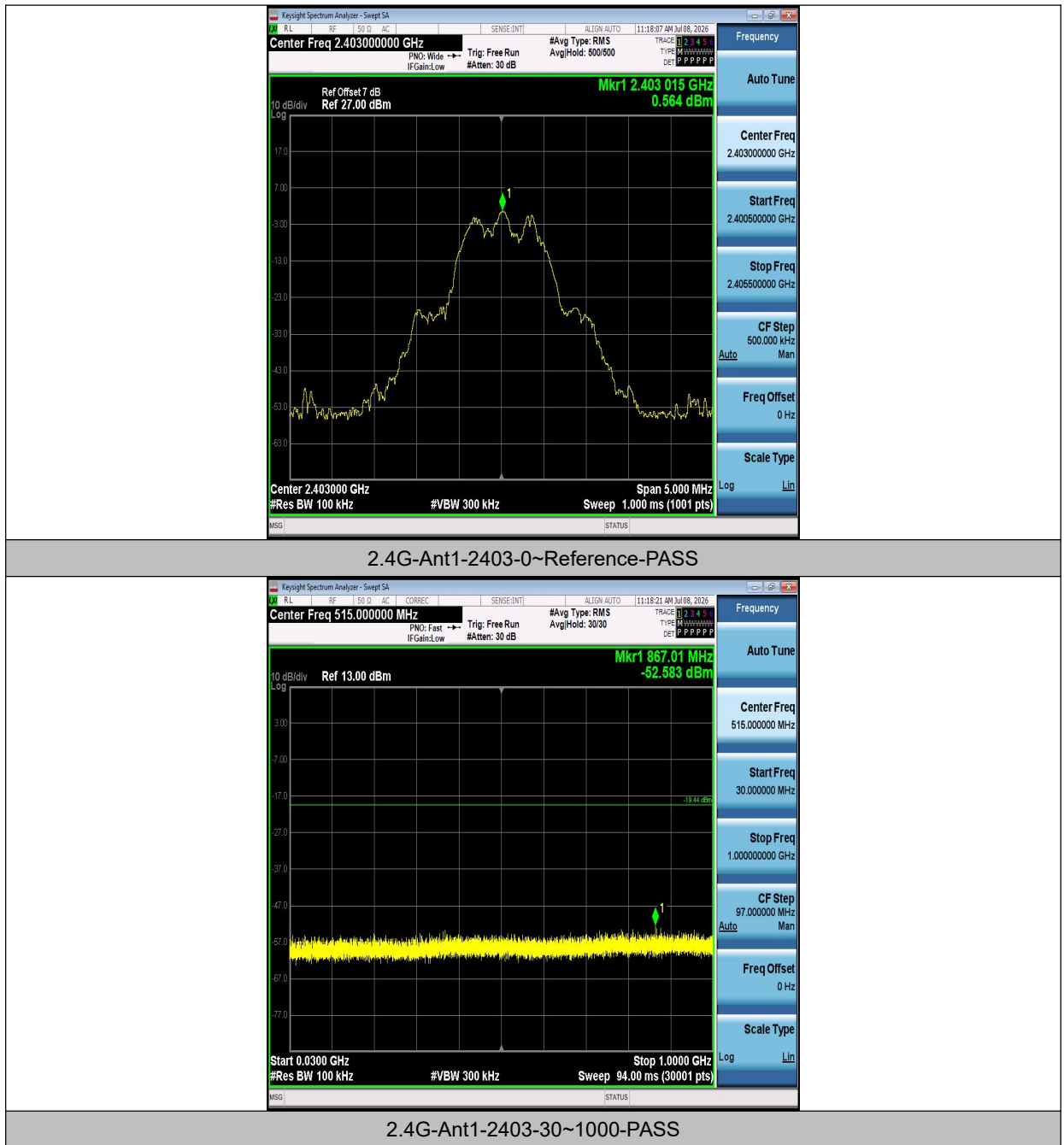
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	0.56	0.56	---	PASS
2.4G	Ant1	2403	30~1000	0.56	-52.58	≤-19.44	PASS
2.4G	Ant1	2403	1000~26500	0.56	-42.57	≤-19.44	PASS
2.4G	Ant1	2441	0~Reference	0.66	0.66	---	PASS
2.4G	Ant1	2441	30~1000	0.66	-53.01	≤-19.34	PASS
2.4G	Ant1	2441	1000~26500	0.66	-42.54	≤-19.34	PASS
2.4G	Ant1	2480	0~Reference	0.33	0.33	---	PASS
2.4G	Ant1	2480	30~1000	0.33	-53.15	≤-19.67	PASS
2.4G	Ant1	2480	1000~26500	0.33	-37.94	≤-19.67	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

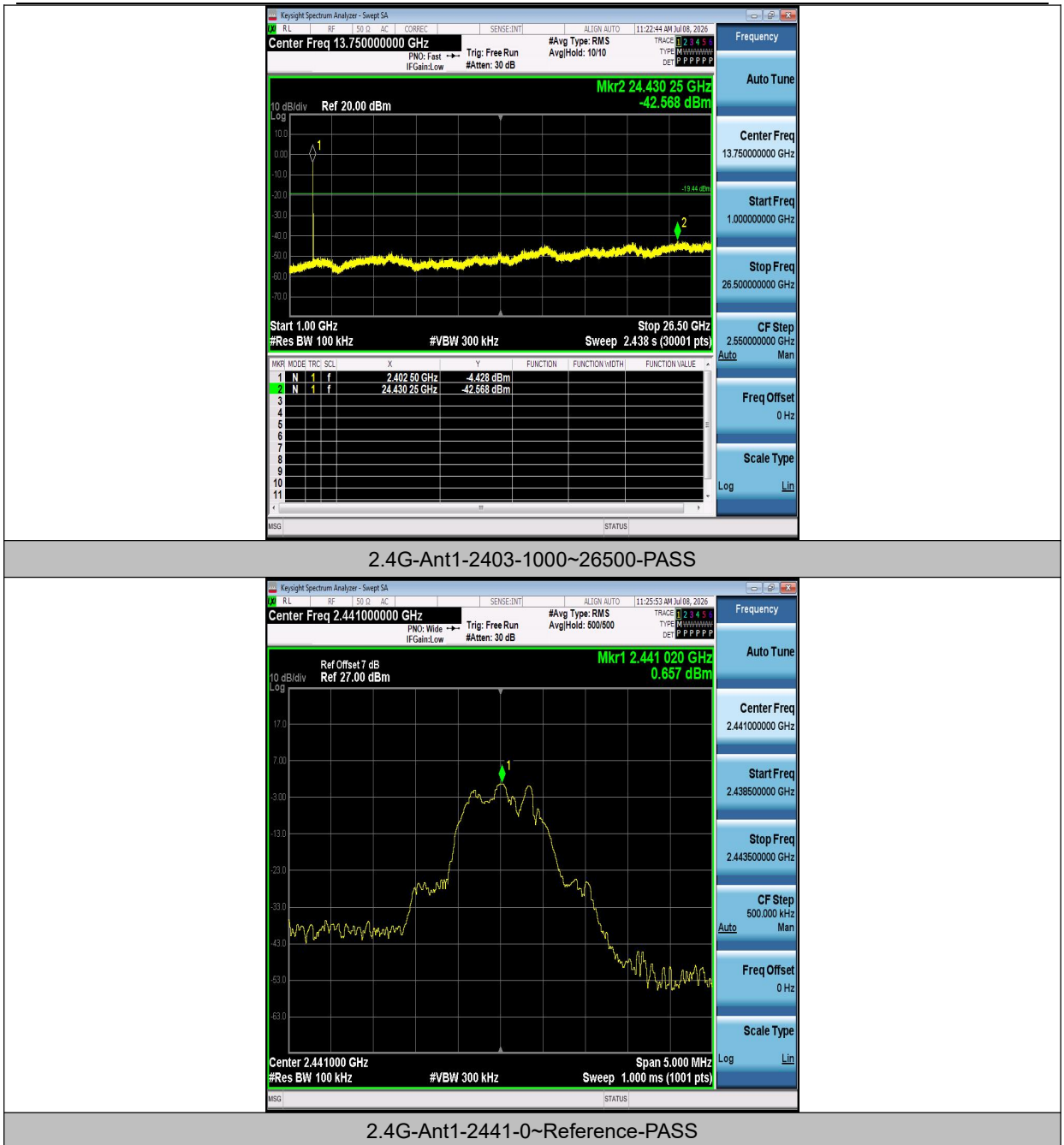
Test Graphs



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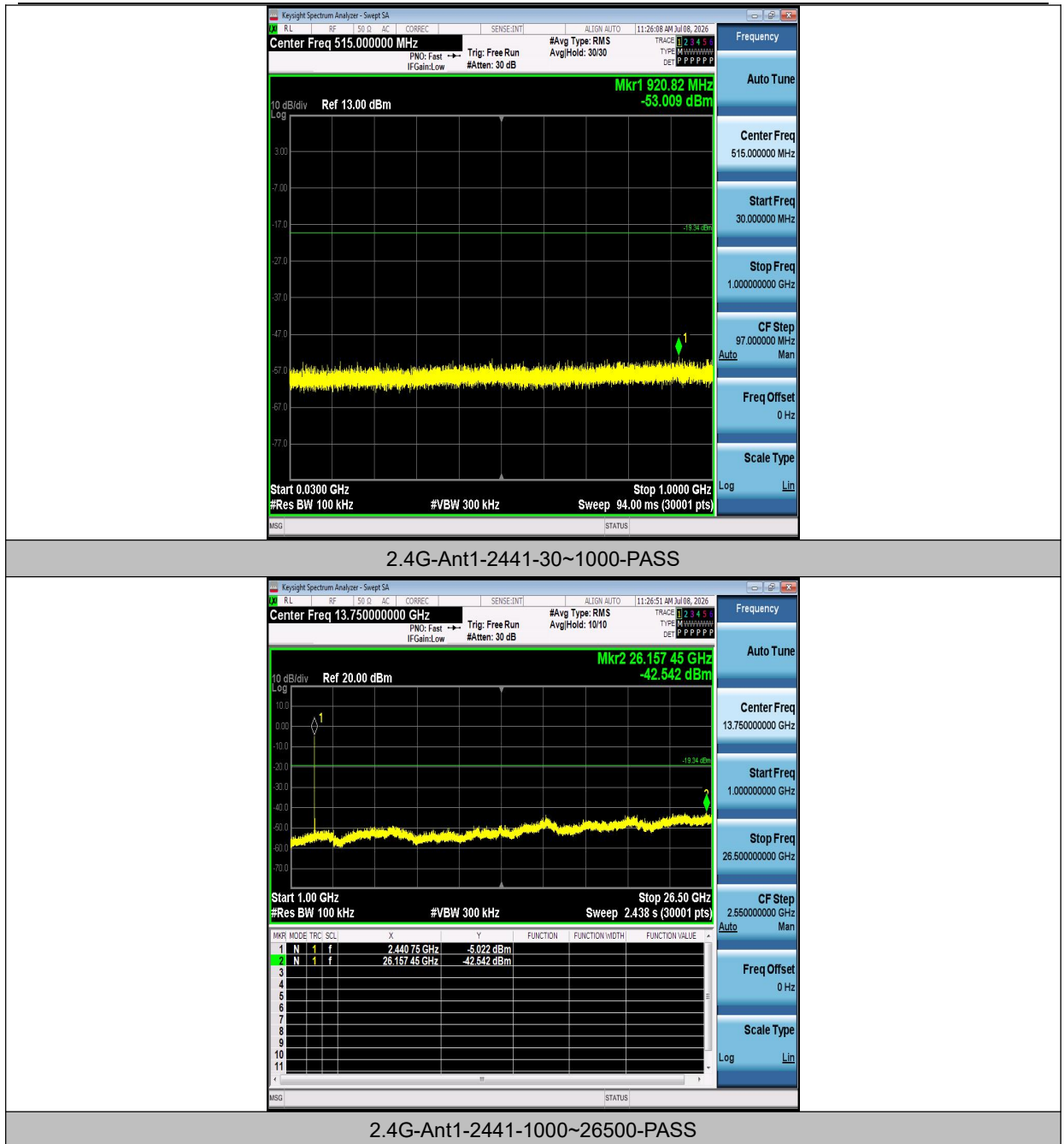
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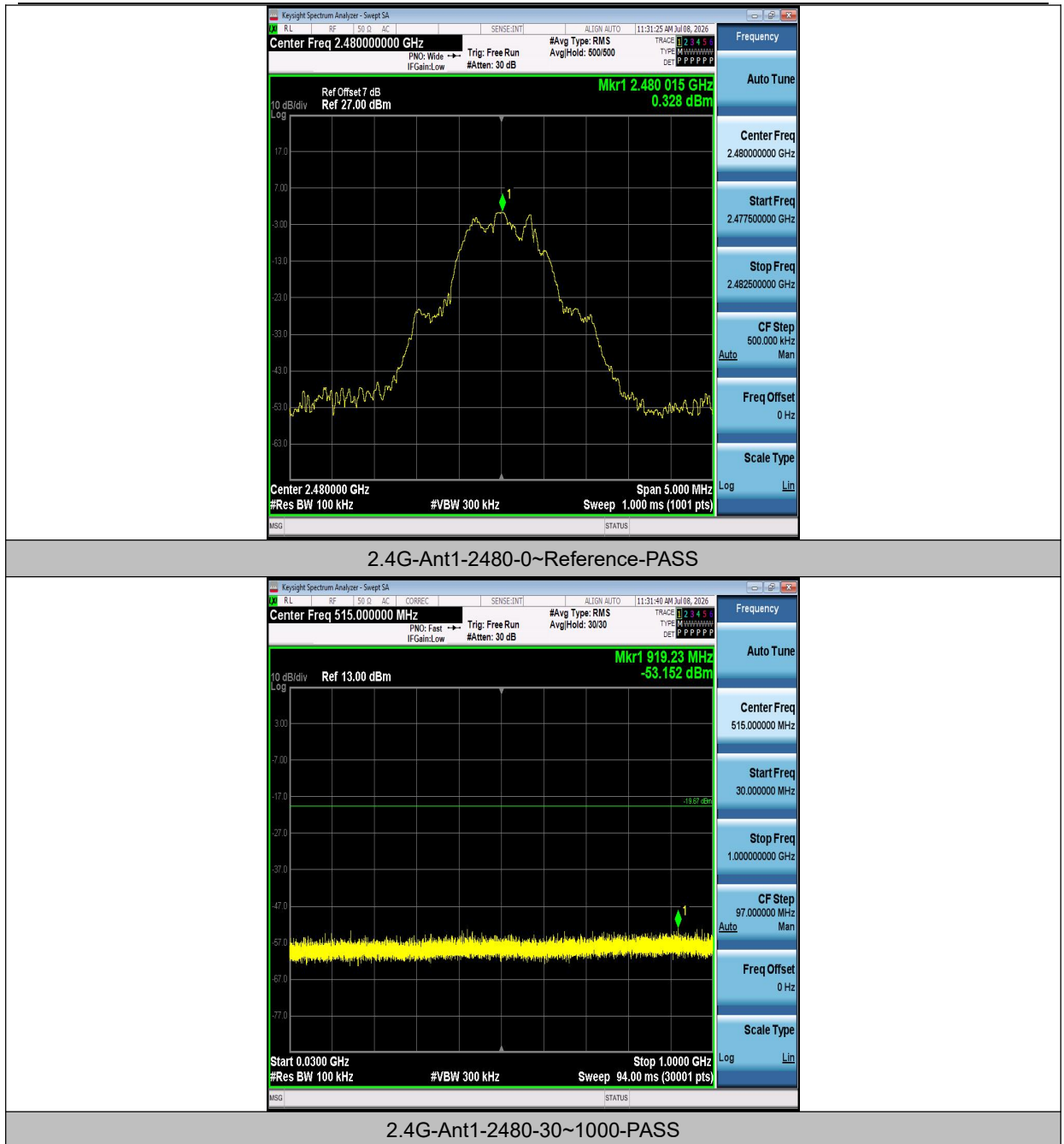
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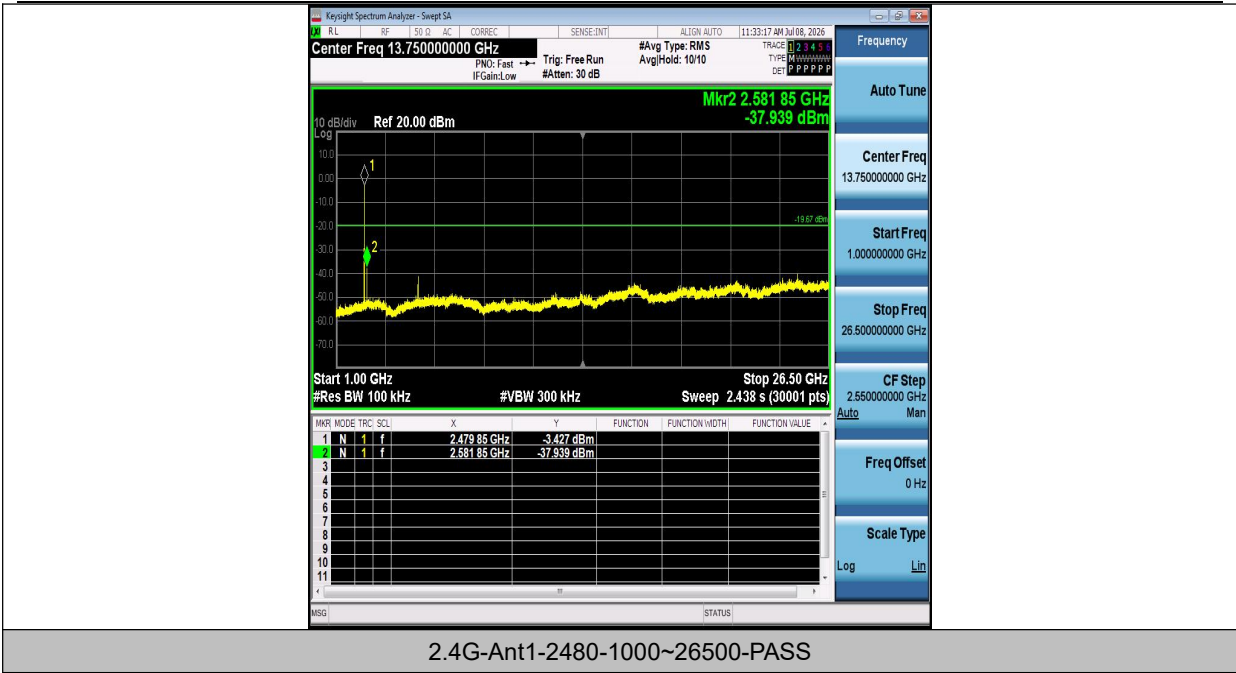
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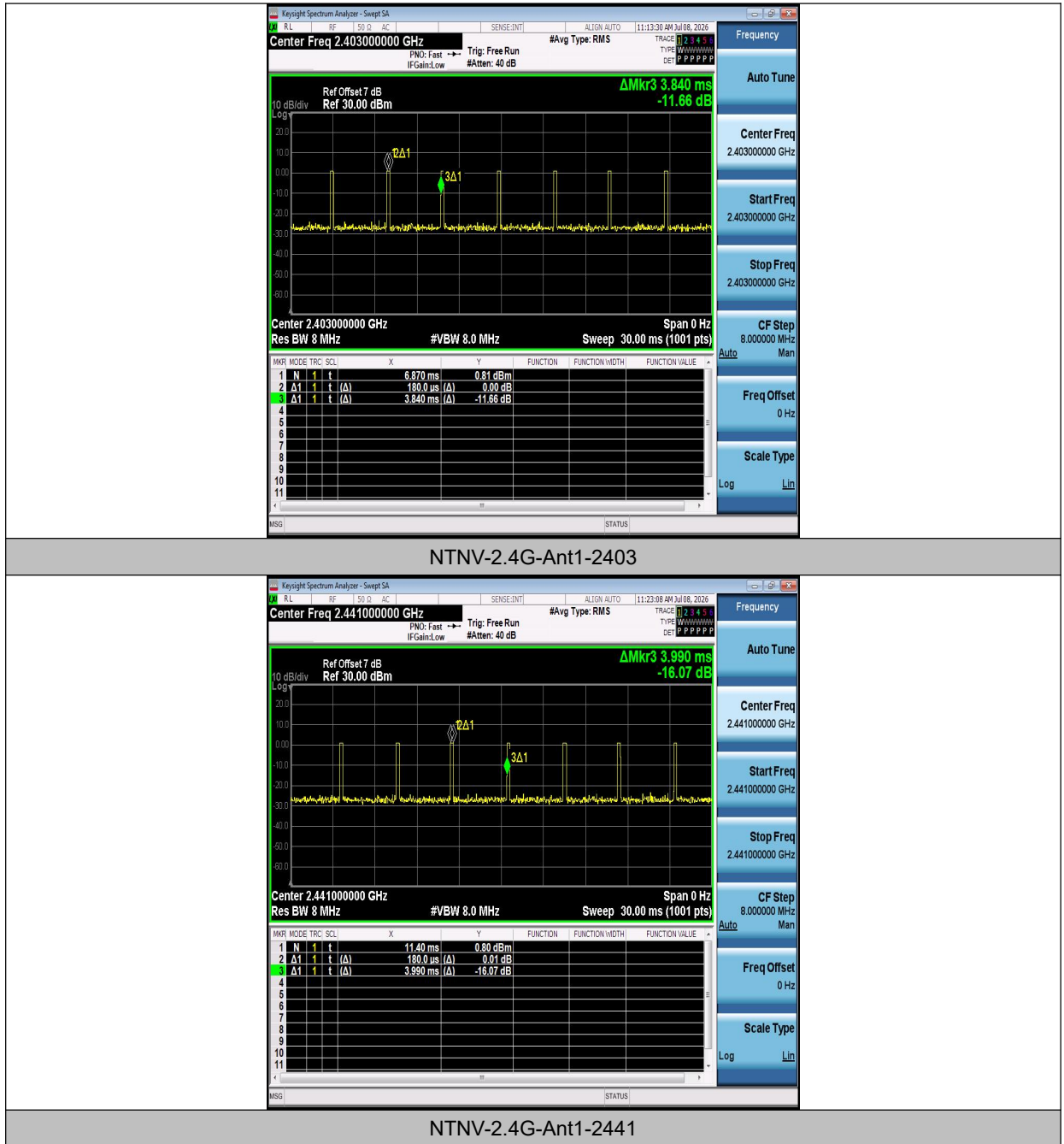
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.18	3.84	4.69	13.29
2.4G	Ant1	2441	0.18	3.99	4.51	13.46
2.4G	Ant1	2480	0.18	3.99	4.51	13.46

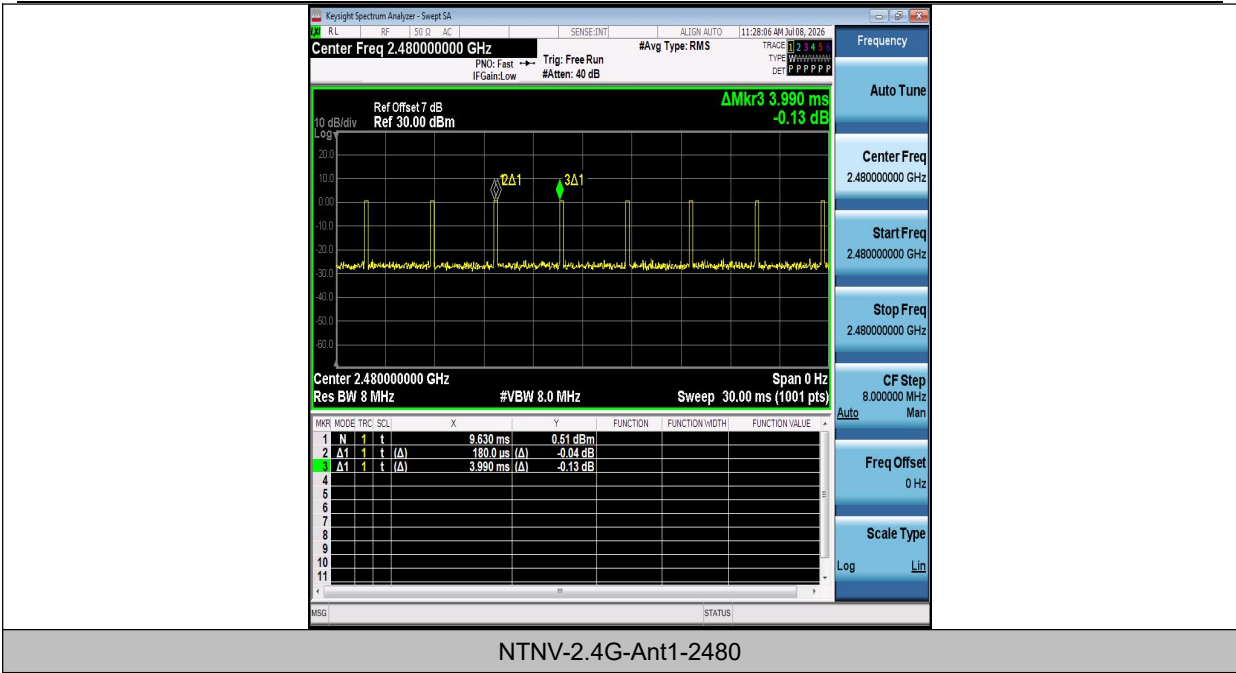
Test Graphs



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NTNV-2.4G-Ant1-2480

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