

Appendix Test Data

Report No.:	1812C60353612502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-30	Finish Test Date:	2026-7-13
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	67%
Pressure:	99.8kPa		

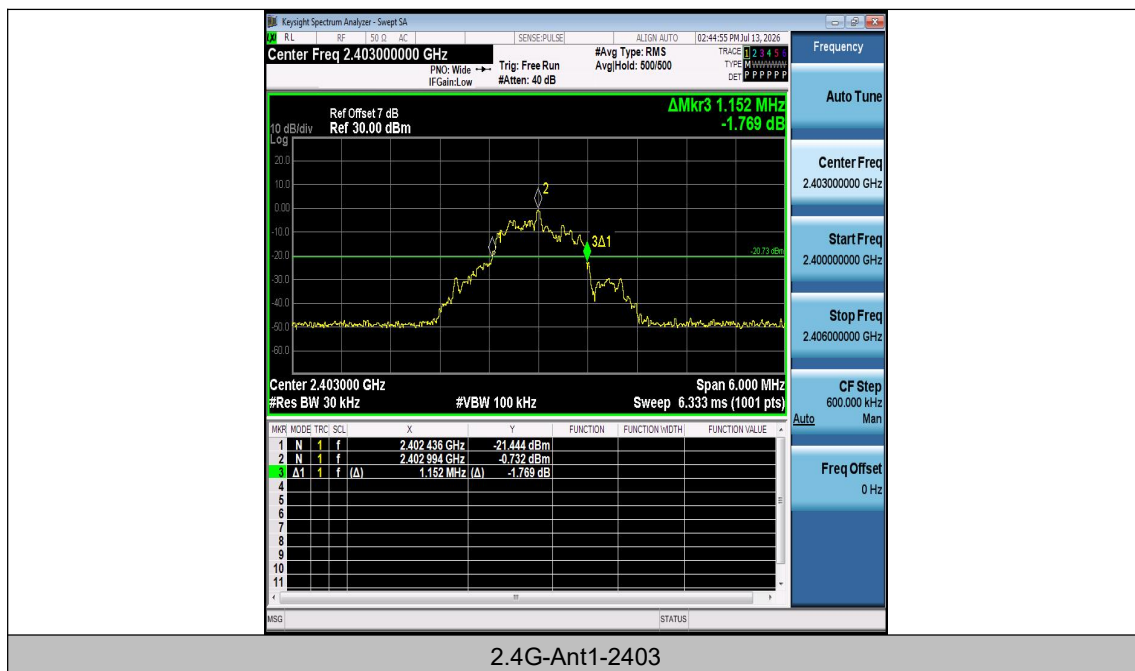


Appendix A: 20dB Bandwidth

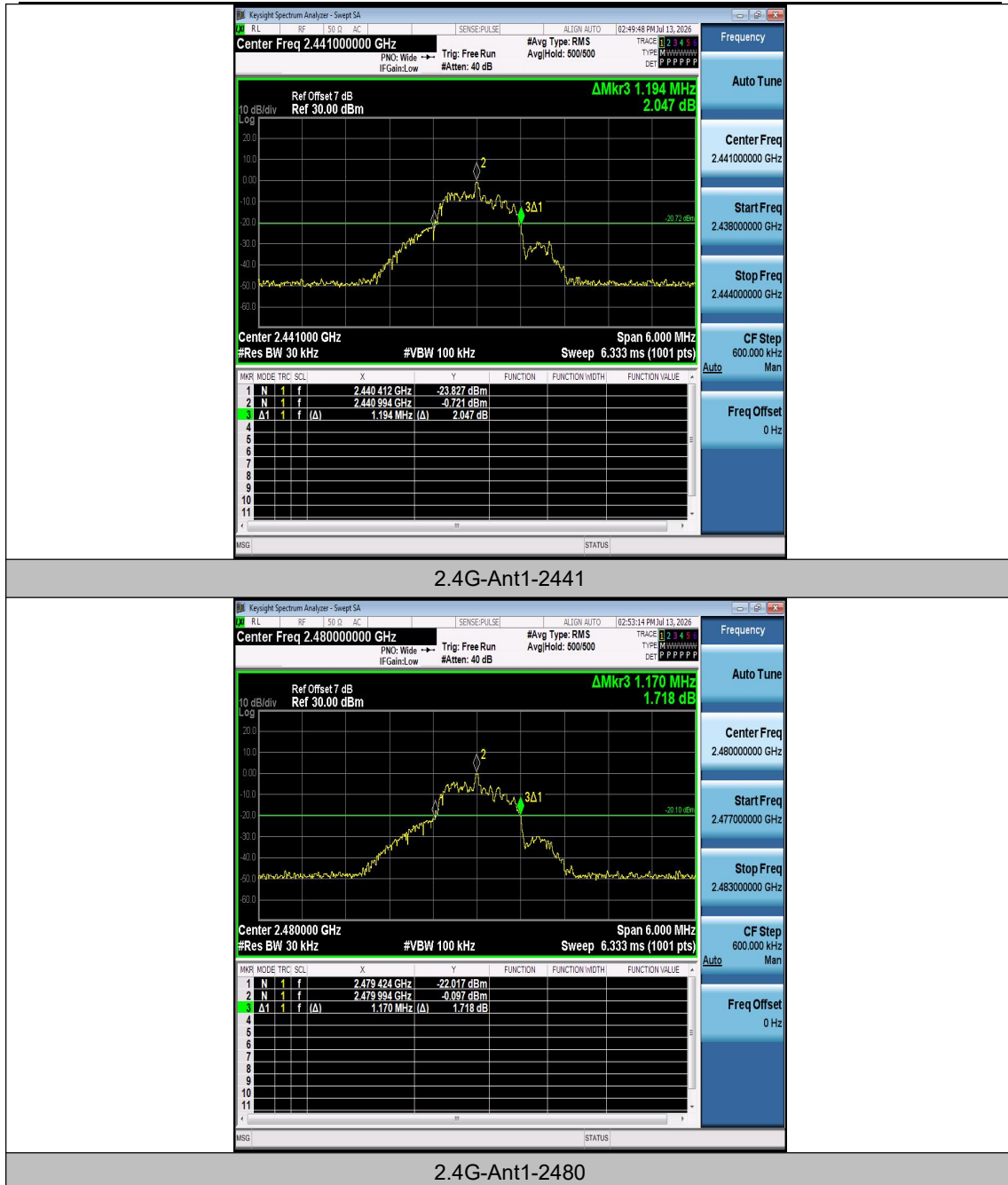
Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.152	2402.436	2403.588	---	---
2.4G	Ant1	2441	1.194	2440.412	2441.606	---	---
2.4G	Ant1	2480	1.170	2479.424	2480.594	---	---

Test Graphs



2.4G-Ant1-2403

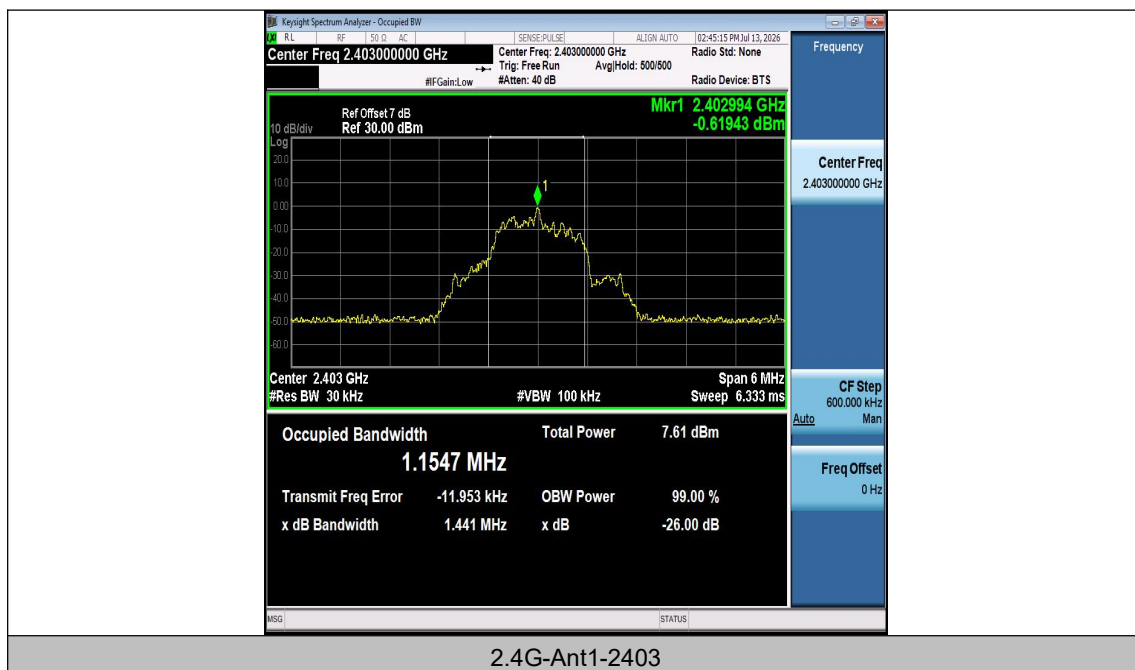


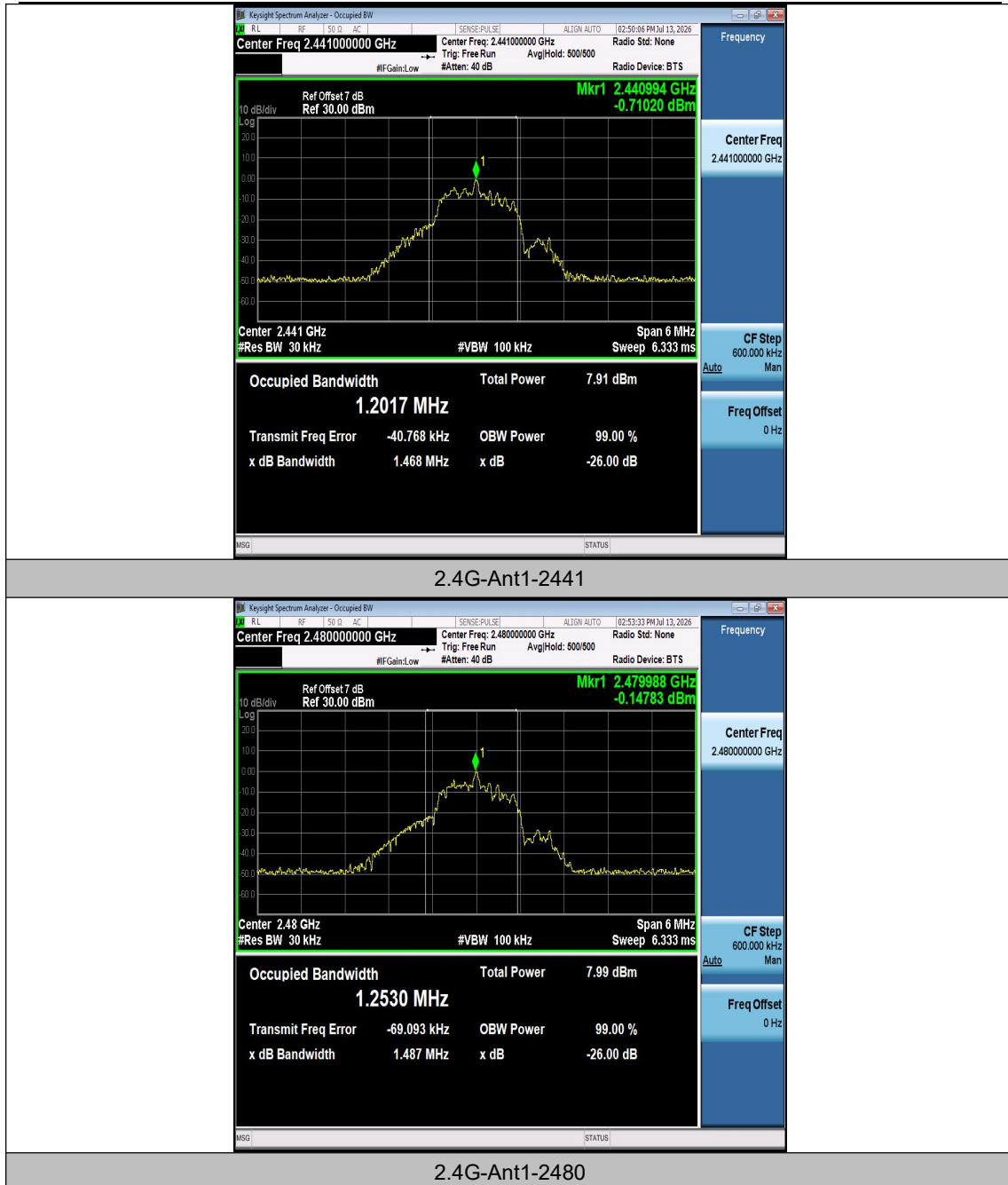
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	1.1547	2402.4107	2403.5654	---	---
2.4G	Ant1	2441	1.2017	2440.3584	2441.5601	---	---
2.4G	Ant1	2480	1.2530	2479.3044	2480.5574	---	---

Test Graphs





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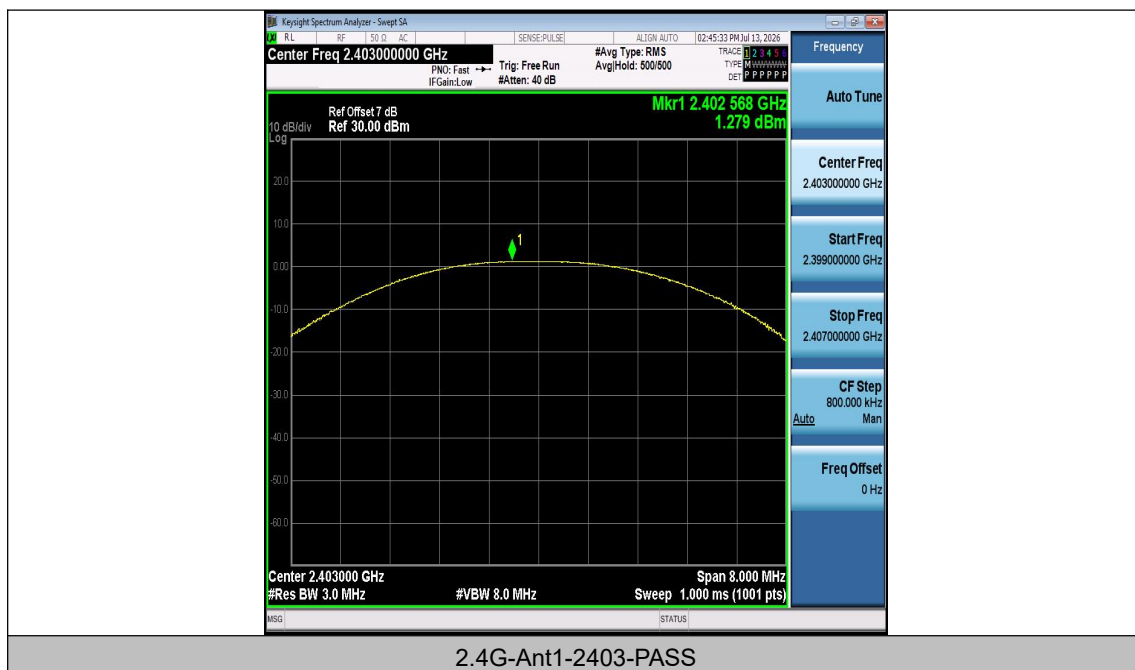
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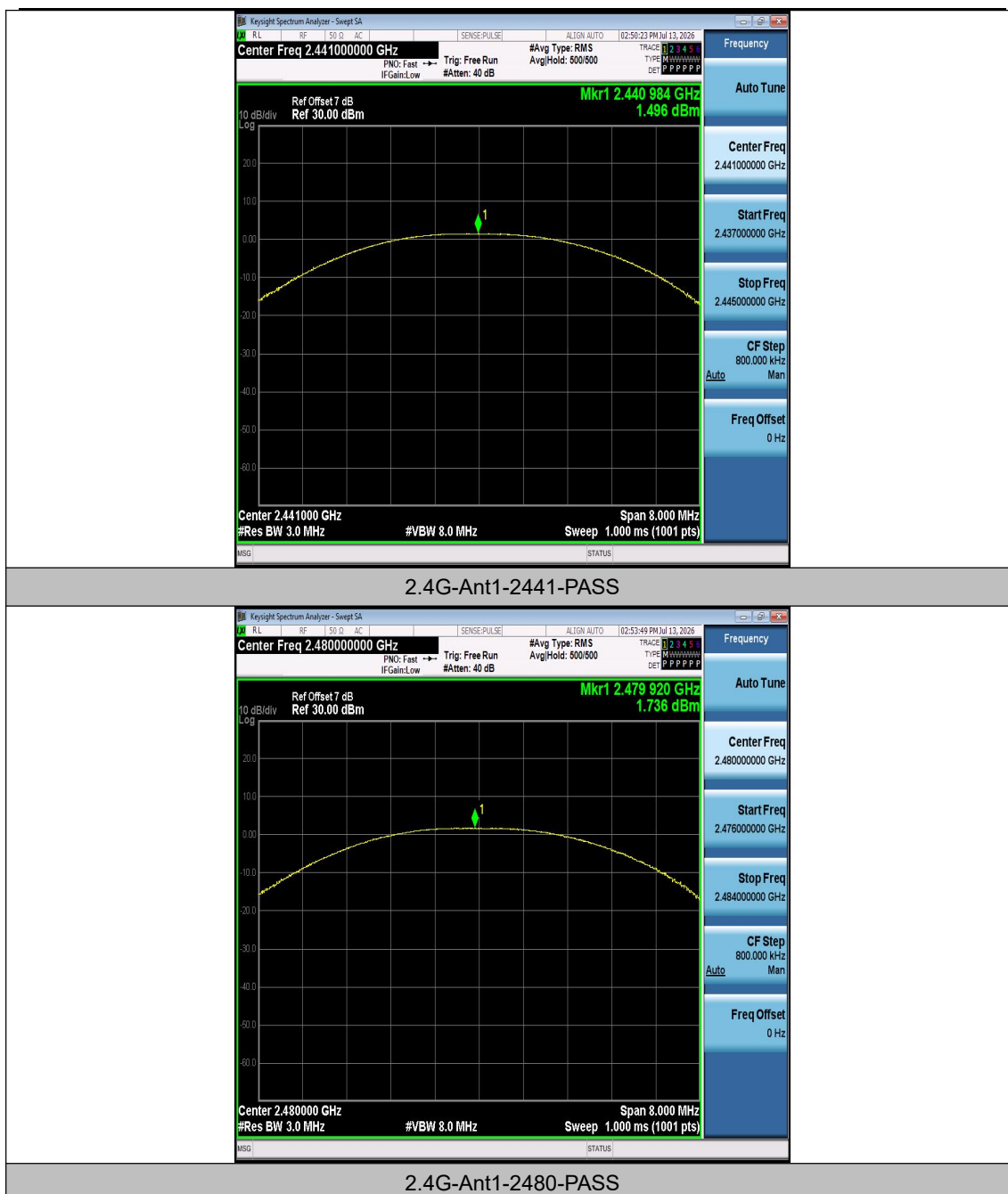
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	1.28	≤20.97	PASS
2.4G	Ant1	2441	1.50	≤20.97	PASS
2.4G	Ant1	2480	1.74	≤20.97	PASS

Test Graphs





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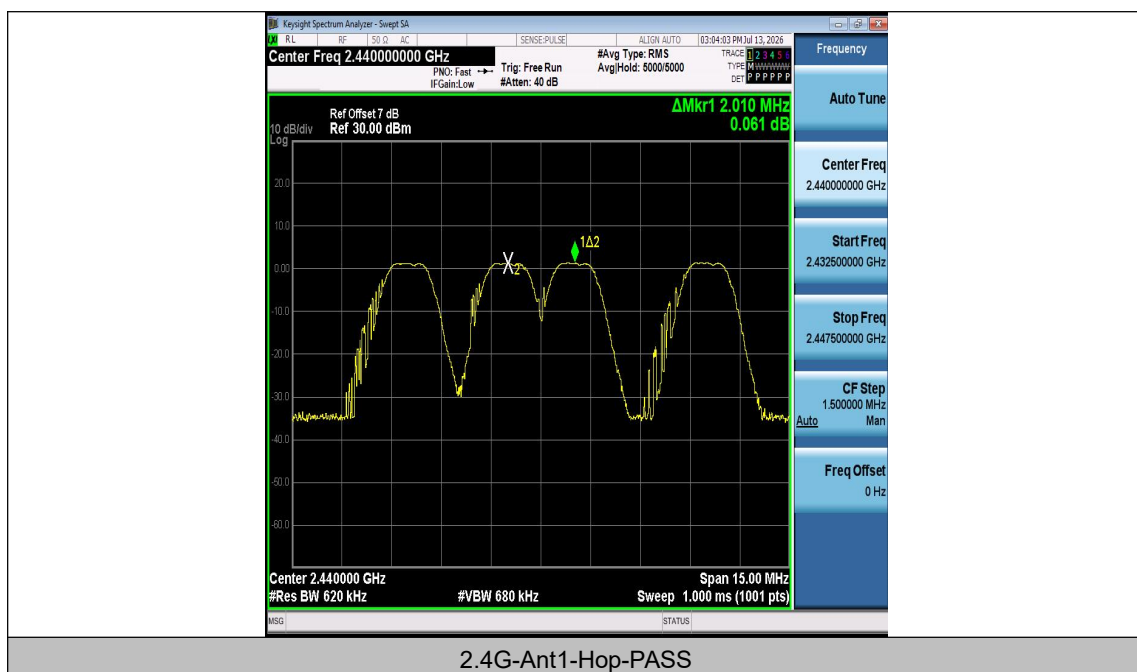
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.010	≥0.796	PASS

Note: For conducted power less than 0.125W(20.97dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

Test Graphs

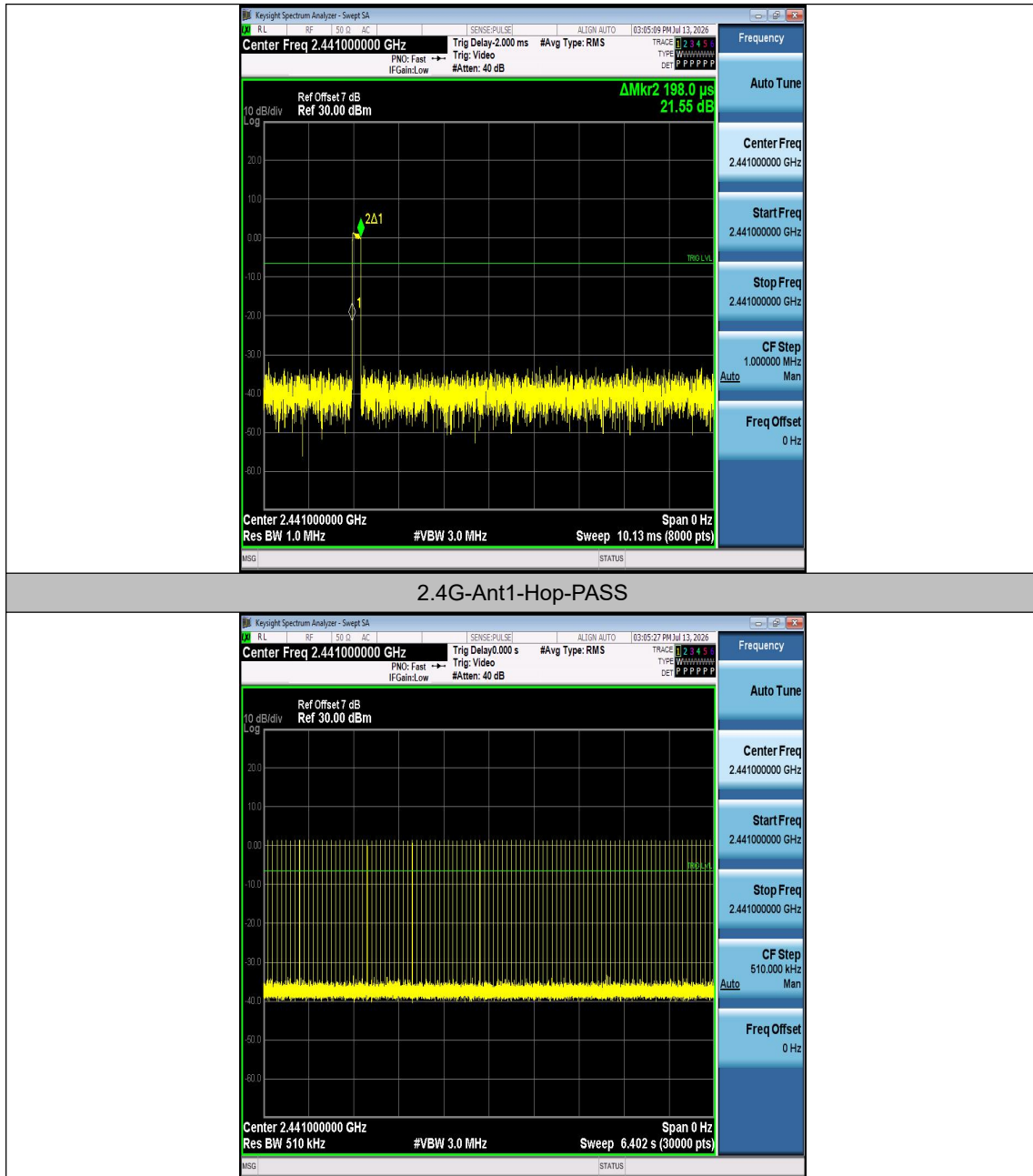


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.198	493.75	0.098	≤0.4	PASS

Test Graphs



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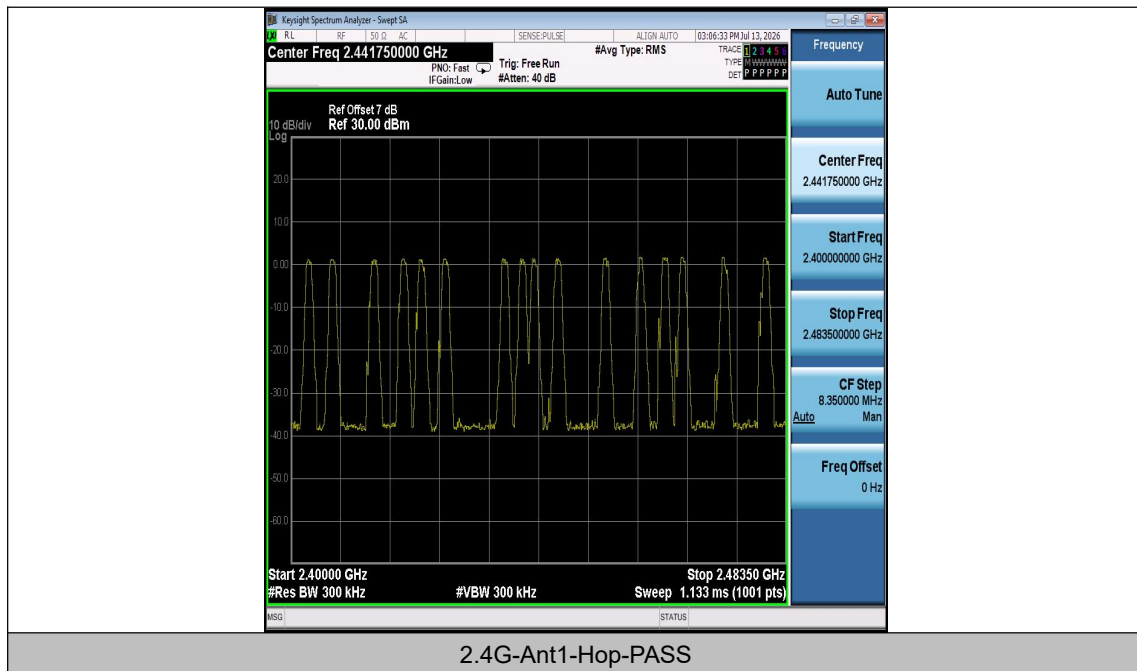
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

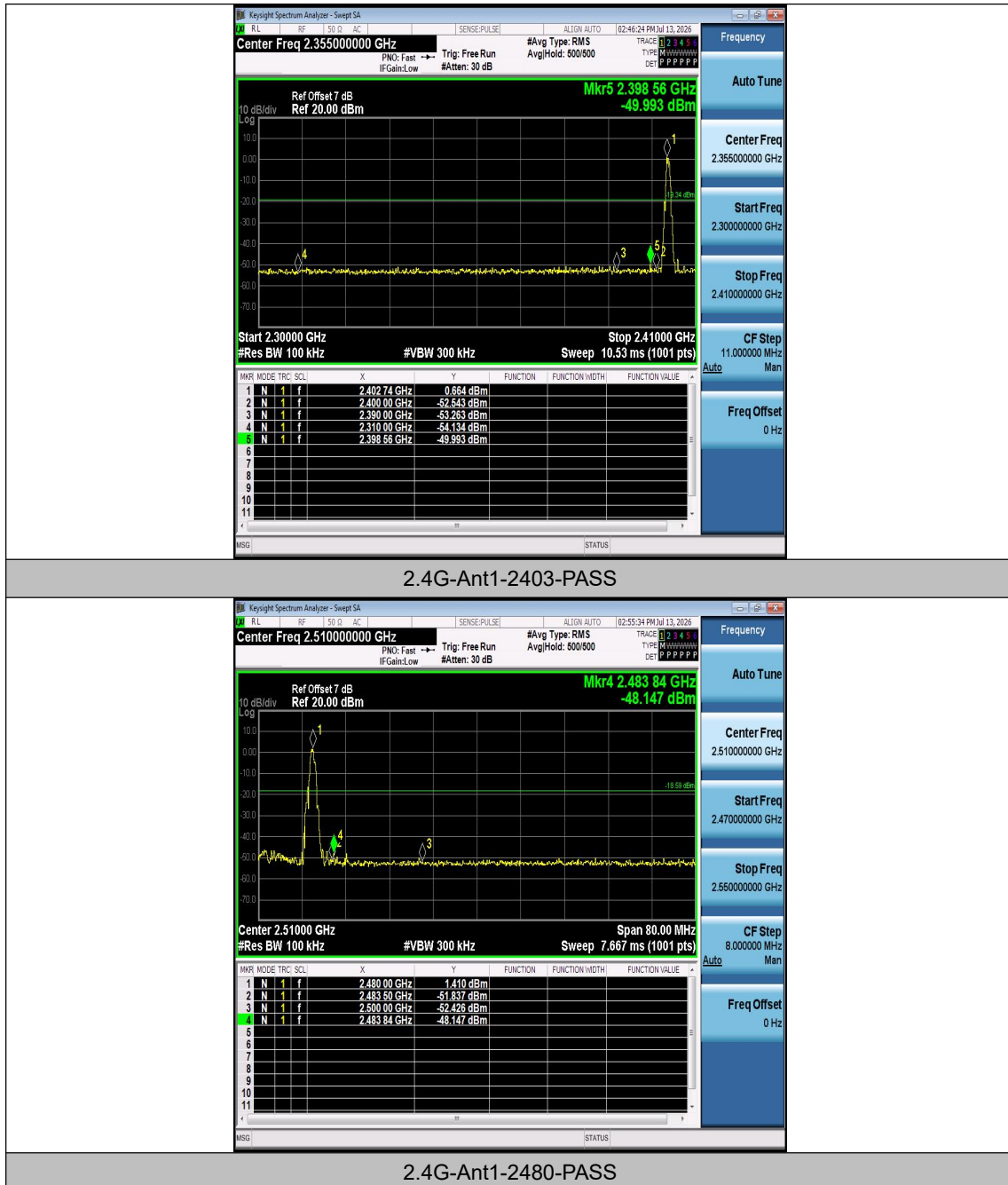


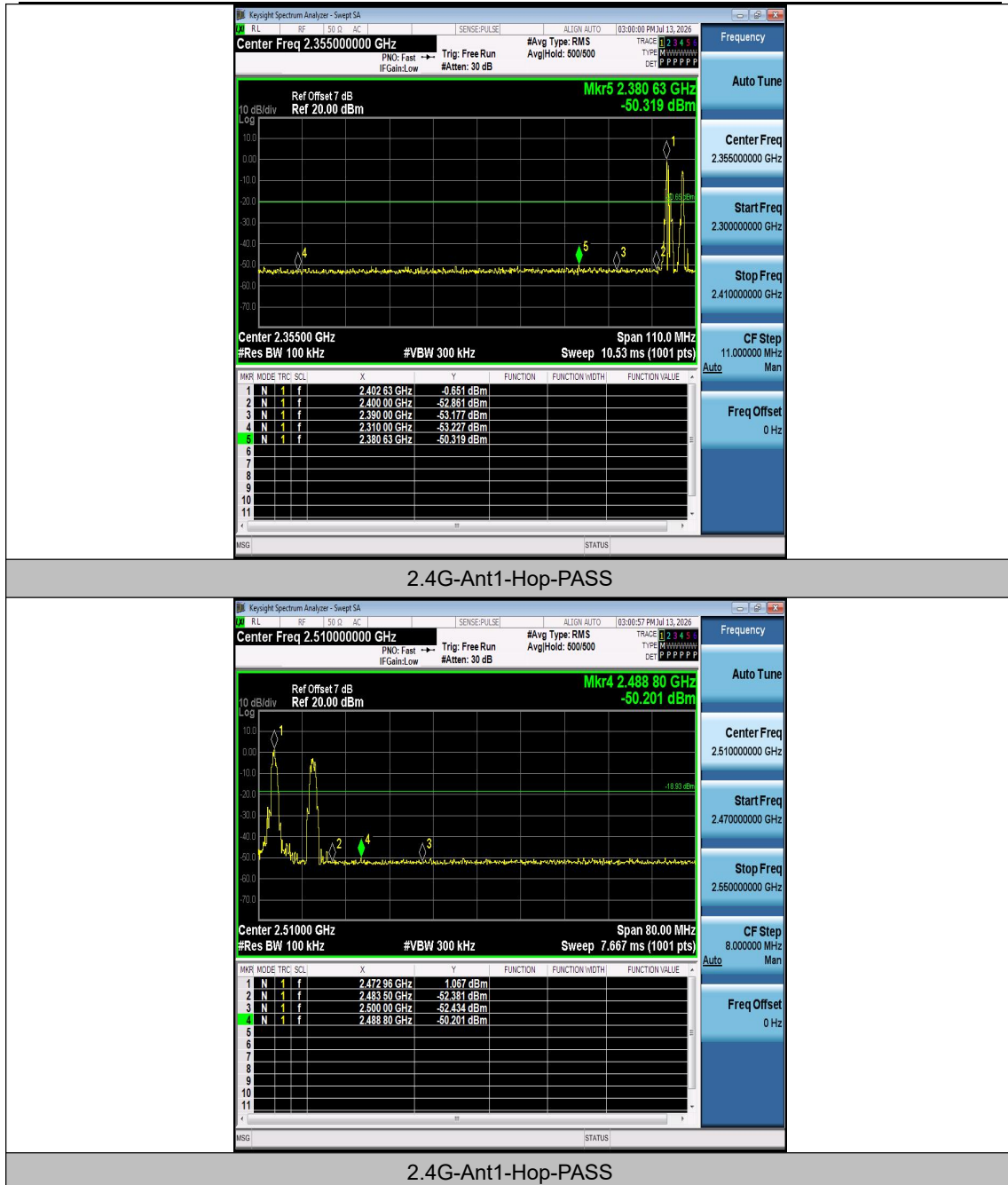
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	0.66	-49.99	≤-19.34	PASS
2.4G	Ant1	High	2480	1.41	-48.15	≤-18.59	PASS
2.4G	Ant1	Low	Hop	-0.65	-50.32	≤-20.65	PASS
2.4G	Ant1	High	Hop	1.07	-50.2	≤-18.93	PASS

Test Graphs





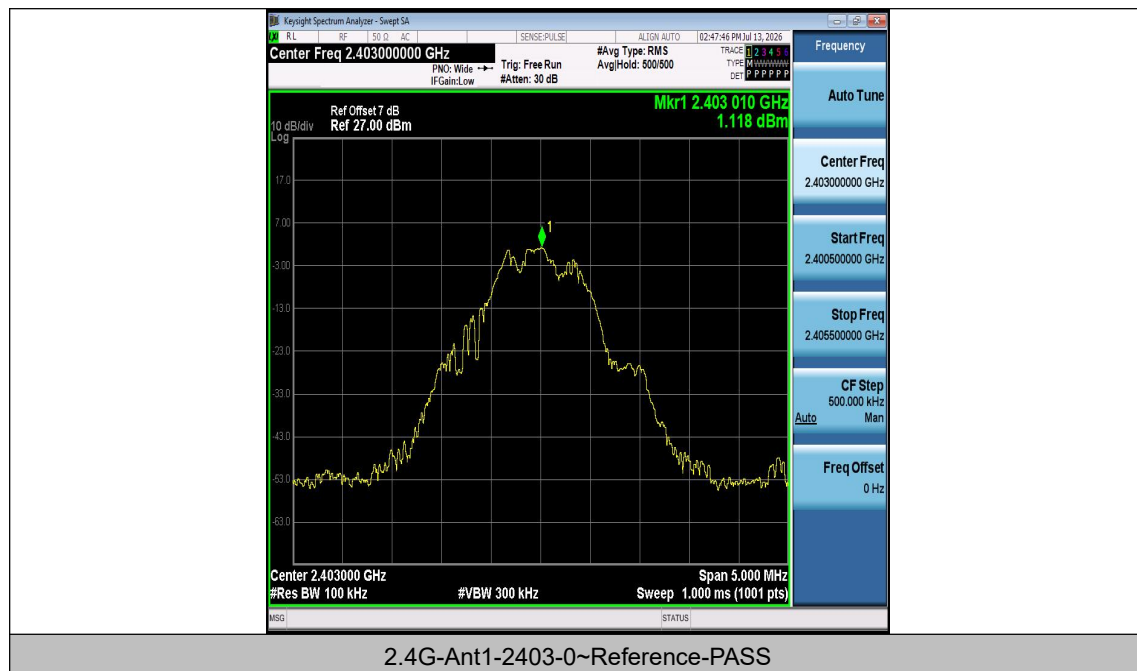
Appendix H: Conducted Spurious Emission

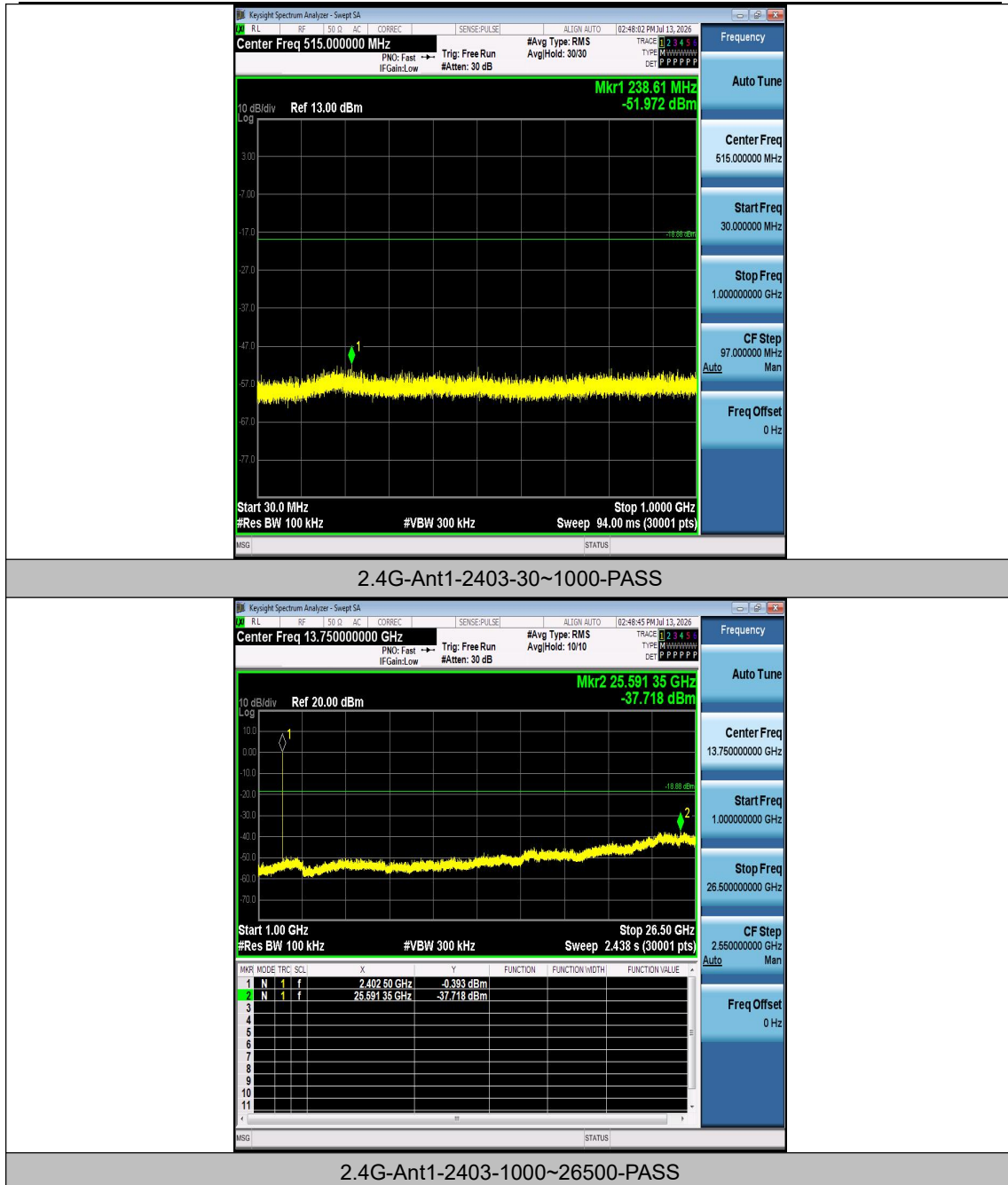
Test Result

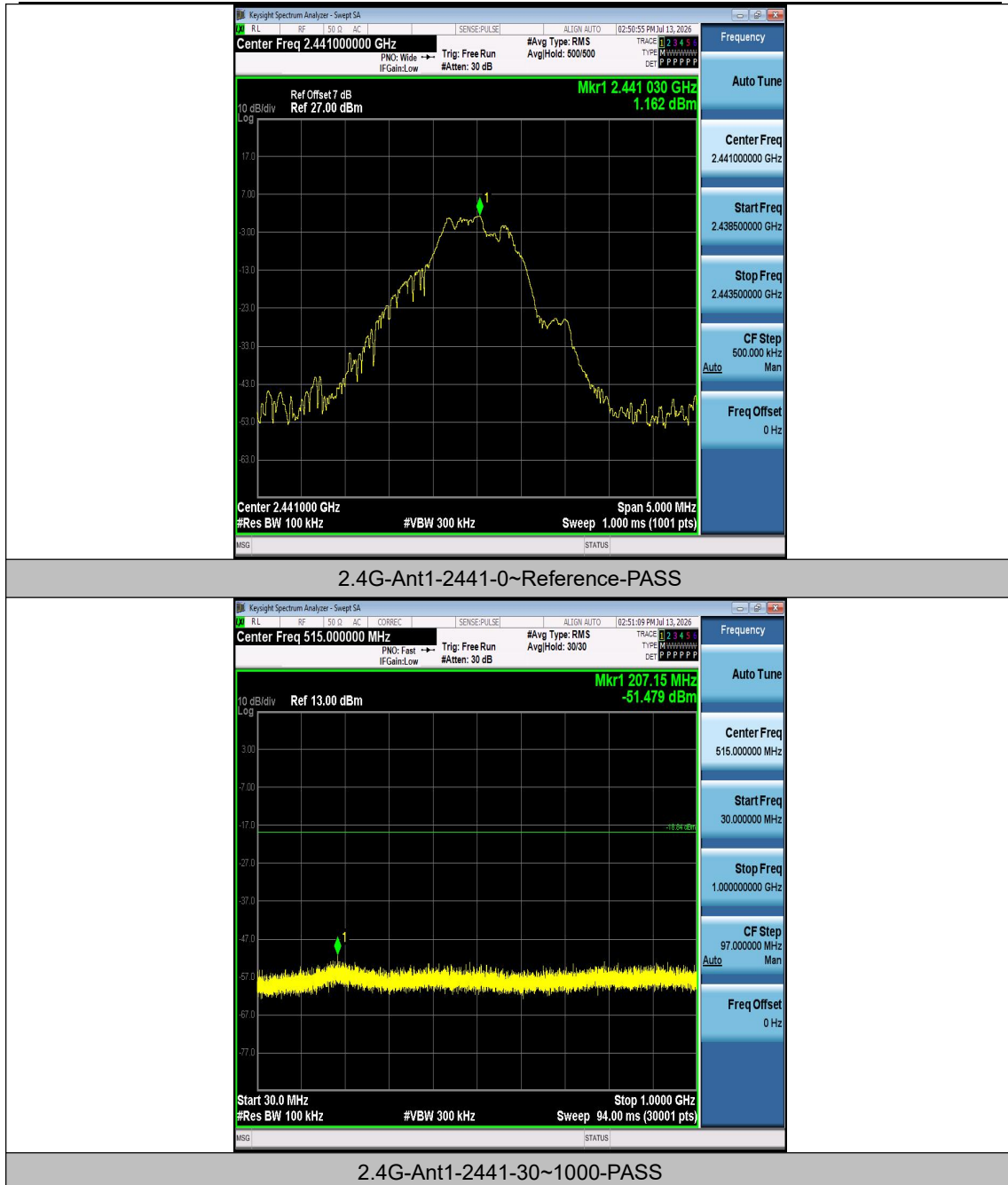
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	1.12	1.12	---	PASS
2.4G	Ant1	2403	30~1000	1.12	-51.97	≤-18.88	PASS
2.4G	Ant1	2403	1000~26500	1.12	-37.72	≤-18.88	PASS
2.4G	Ant1	2441	0~Reference	1.16	1.16	---	PASS
2.4G	Ant1	2441	30~1000	1.16	-51.48	≤-18.84	PASS
2.4G	Ant1	2441	1000~26500	1.16	-37.18	≤-18.84	PASS
2.4G	Ant1	2480	0~Reference	1.58	1.58	---	PASS
2.4G	Ant1	2480	30~1000	1.58	-52.47	≤-18.42	PASS
2.4G	Ant1	2480	1000~26500	1.58	-37.51	≤-18.42	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



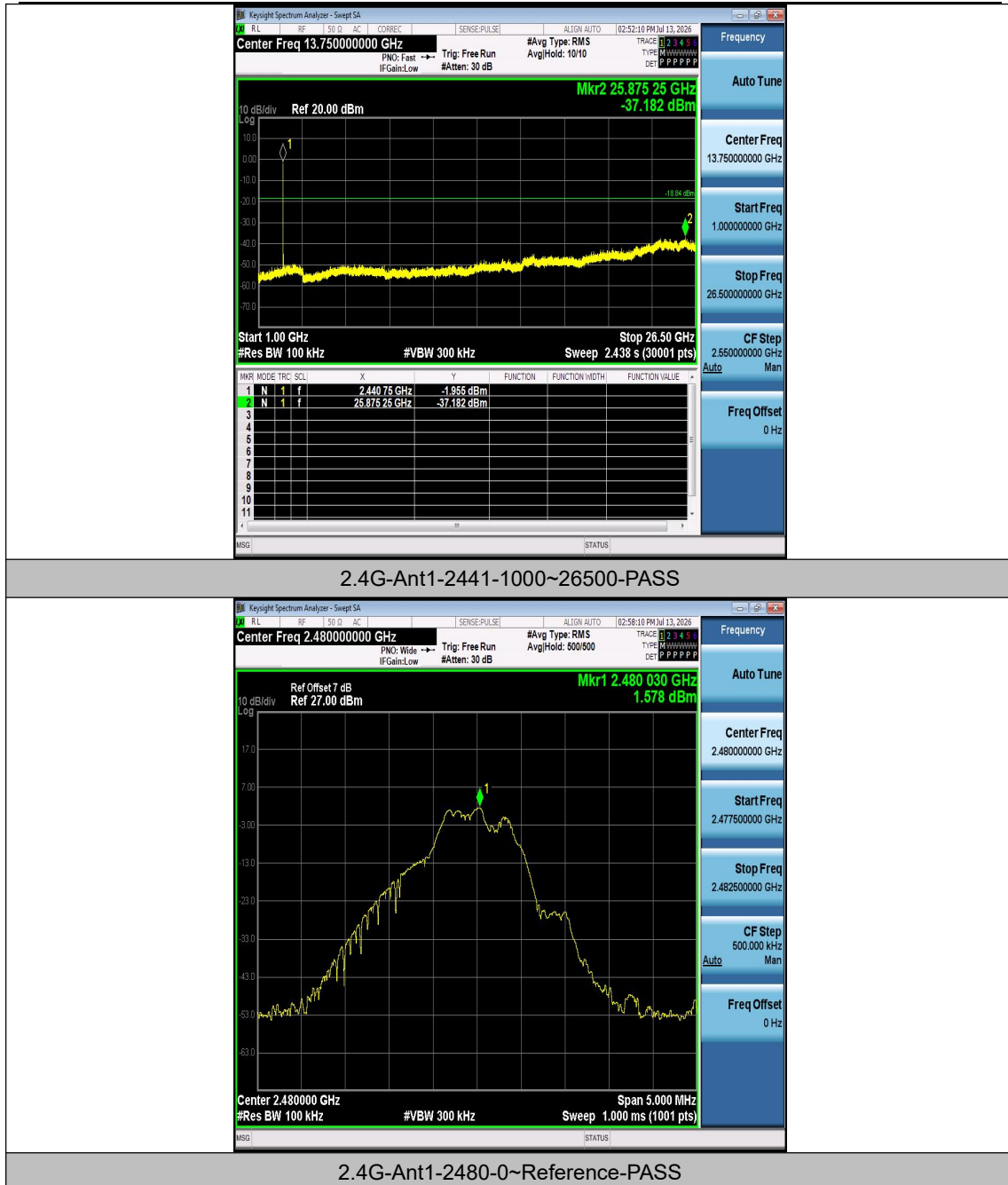




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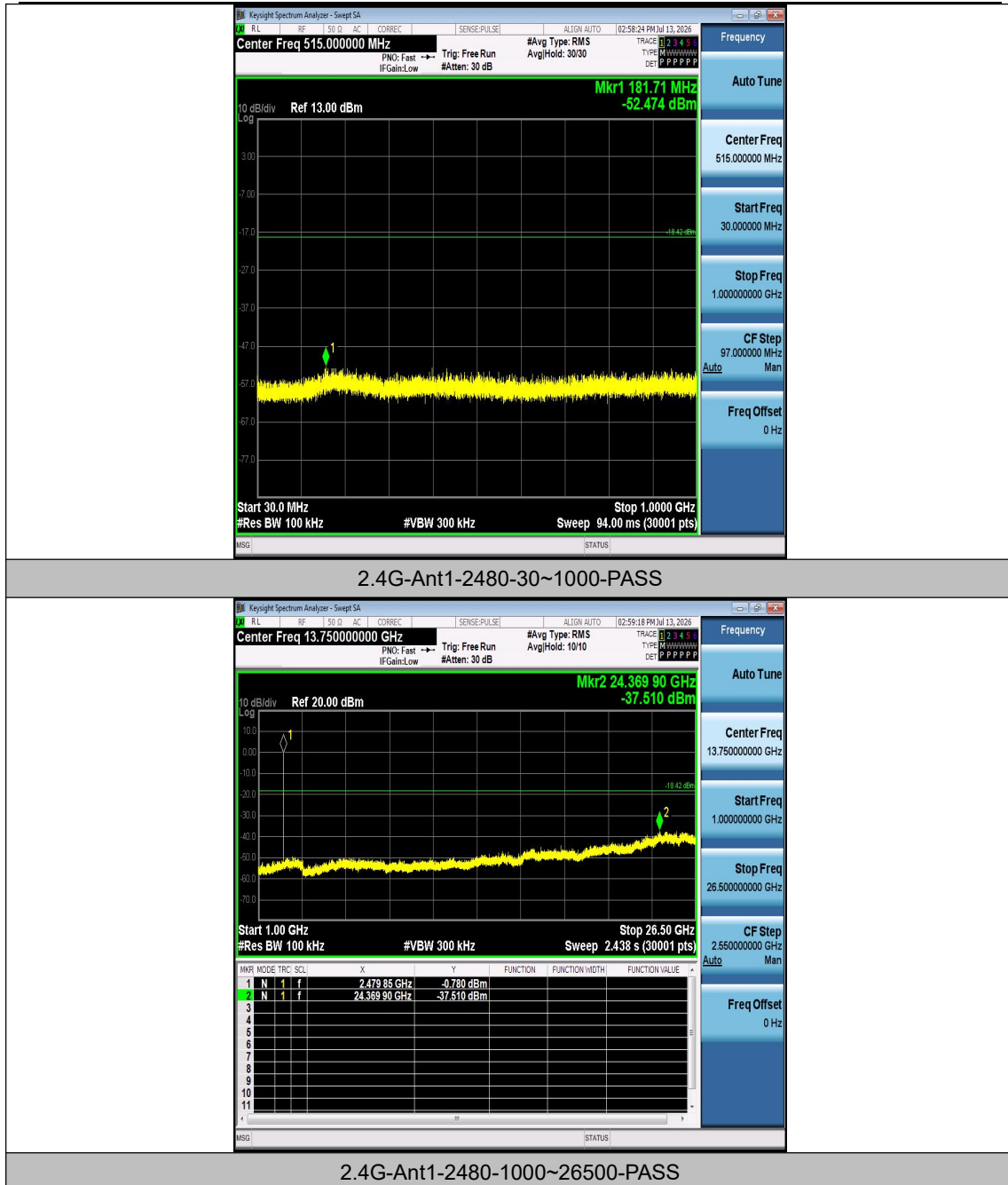
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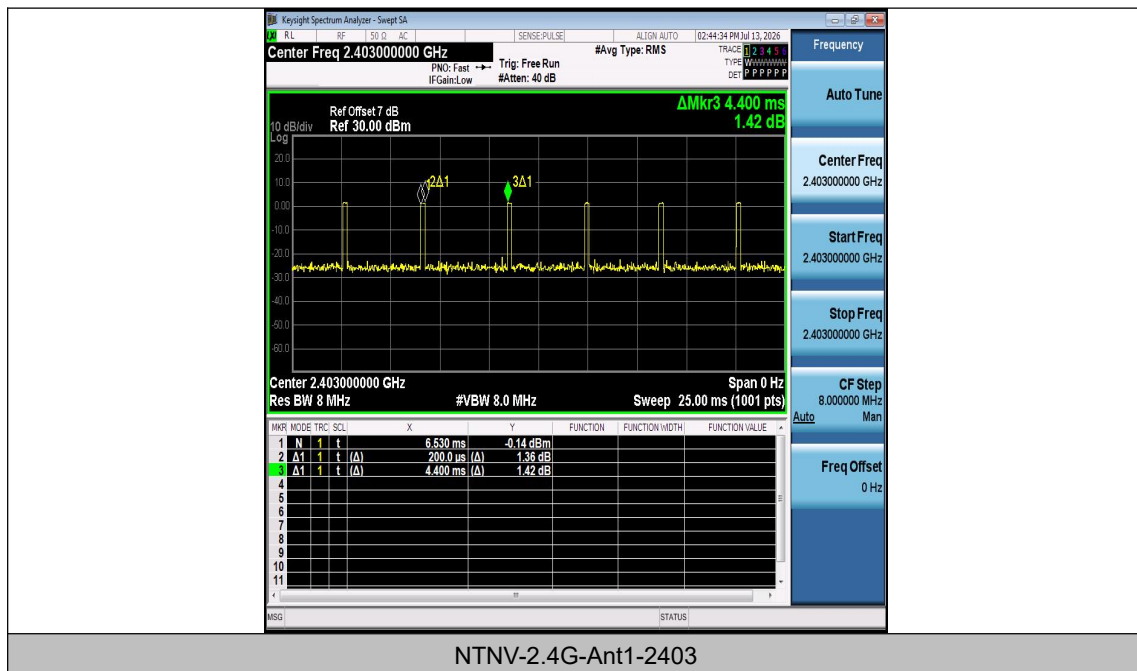
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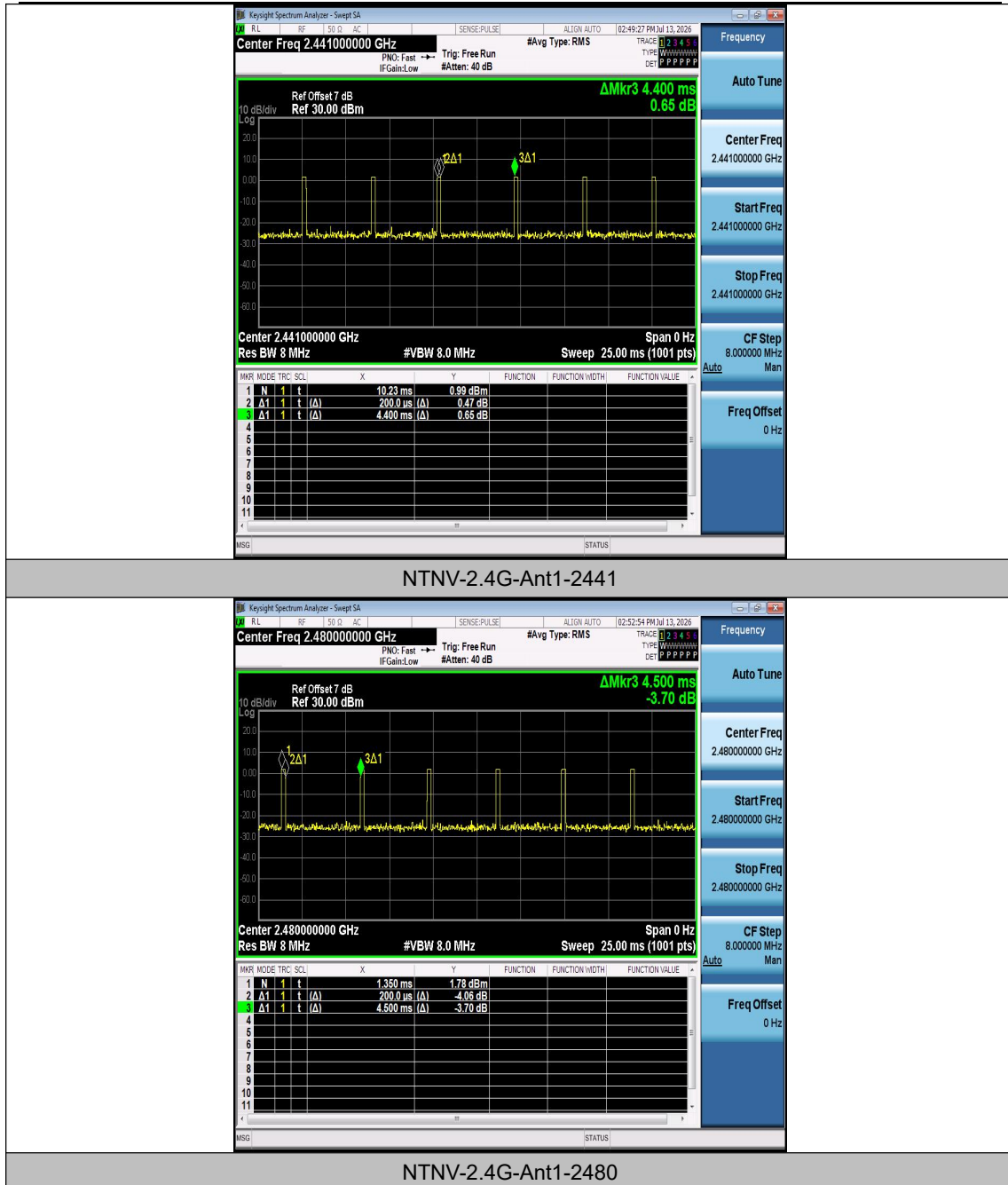
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.20	4.40	4.55	13.42
2.4G	Ant1	2441	0.20	4.40	4.55	13.42
2.4G	Ant1	2480	0.20	4.50	4.44	13.53

Test Graphs





---End---