

Appendix Test Data

Report No.:	1812C60113512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-2-27	Finish Test Date:	2026-3-3
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	49%
Pressure:	101kPa		



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	2.202	2401.944	2404.146	---	---
2.4G	Ant1	2441	2.172	2439.968	2442.140	---	---
2.4G	Ant1	2480	2.148	2478.986	2481.134	---	---

Test Graphs





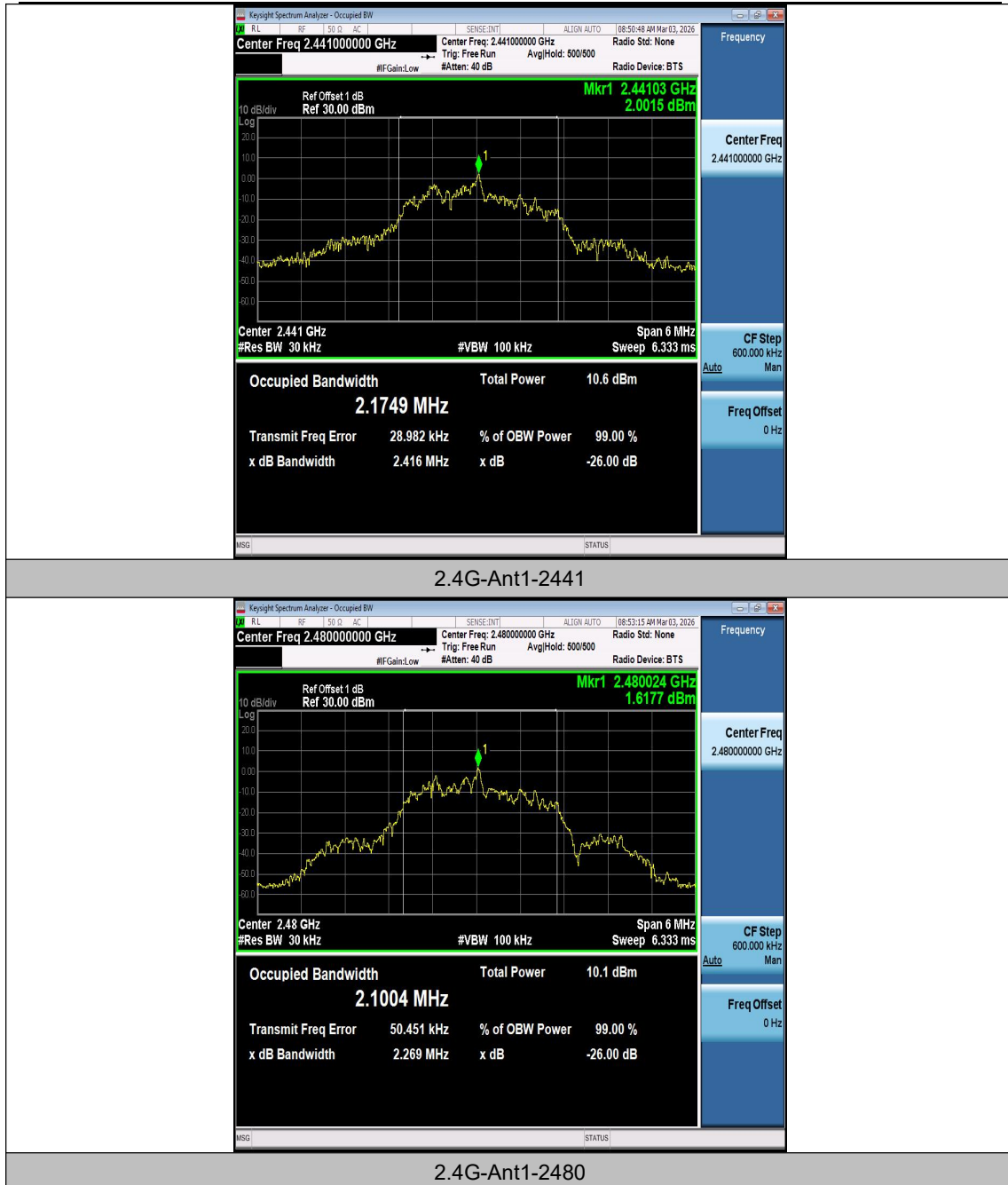
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.1165	2401.9794	2404.0959	---	---
2.4G	Ant1	2441	2.1749	2439.9415	2442.1164	---	---
2.4G	Ant1	2480	2.1004	2479.0003	2481.1007	---	---

Test Graphs





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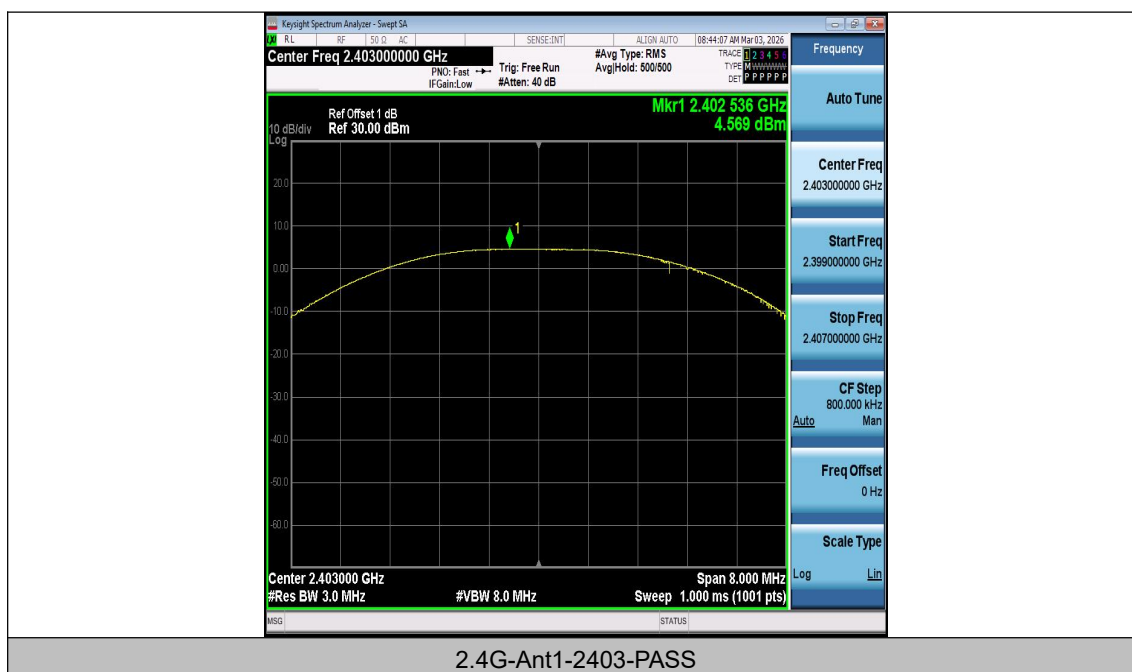
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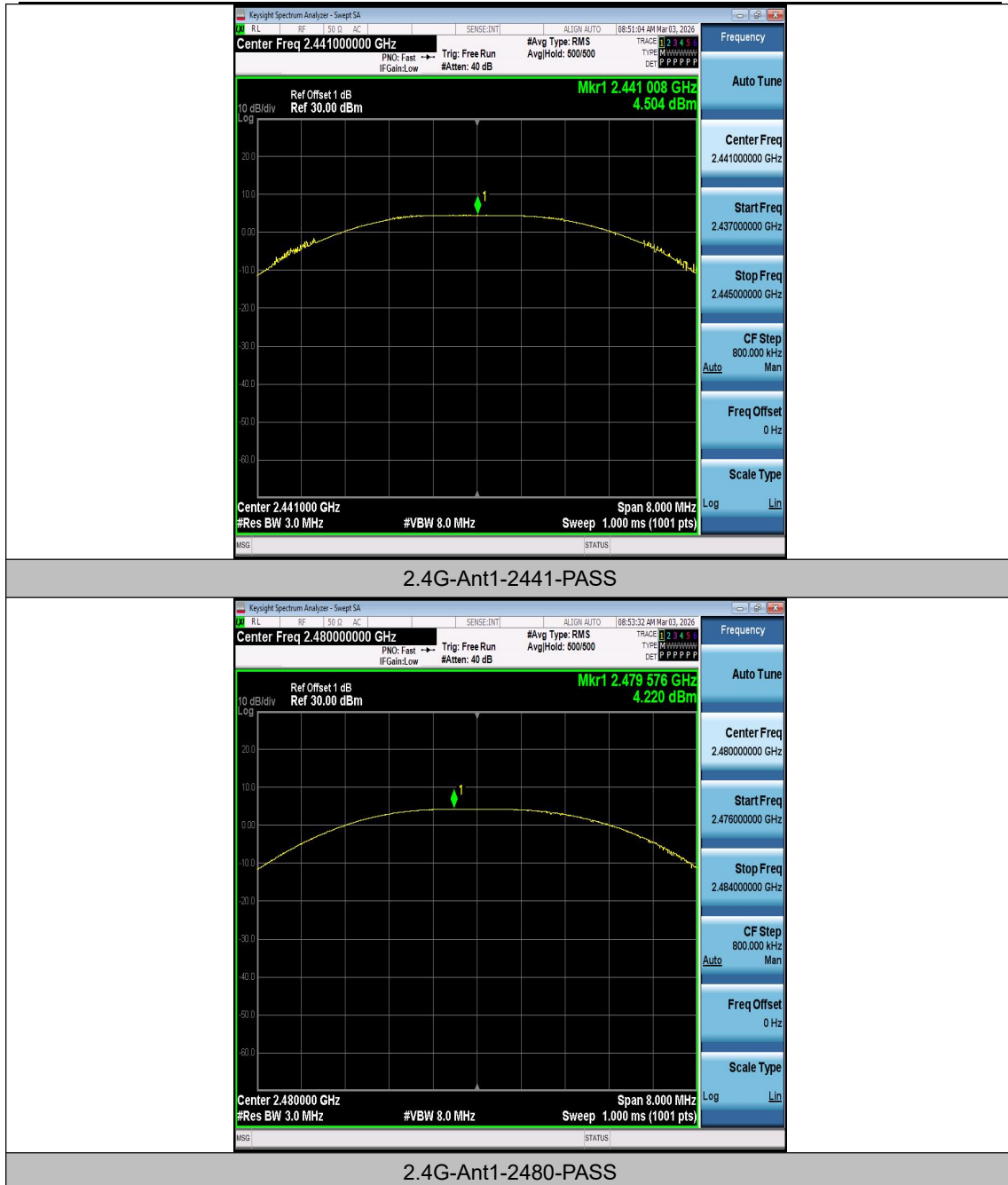
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
2.4G	Ant1	2403	4.57	≤30	PASS
2.4G	Ant1	2441	4.50	≤30	PASS
2.4G	Ant1	2480	4.22	≤30	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	2.000	>0.6	PASS

Test Graphs

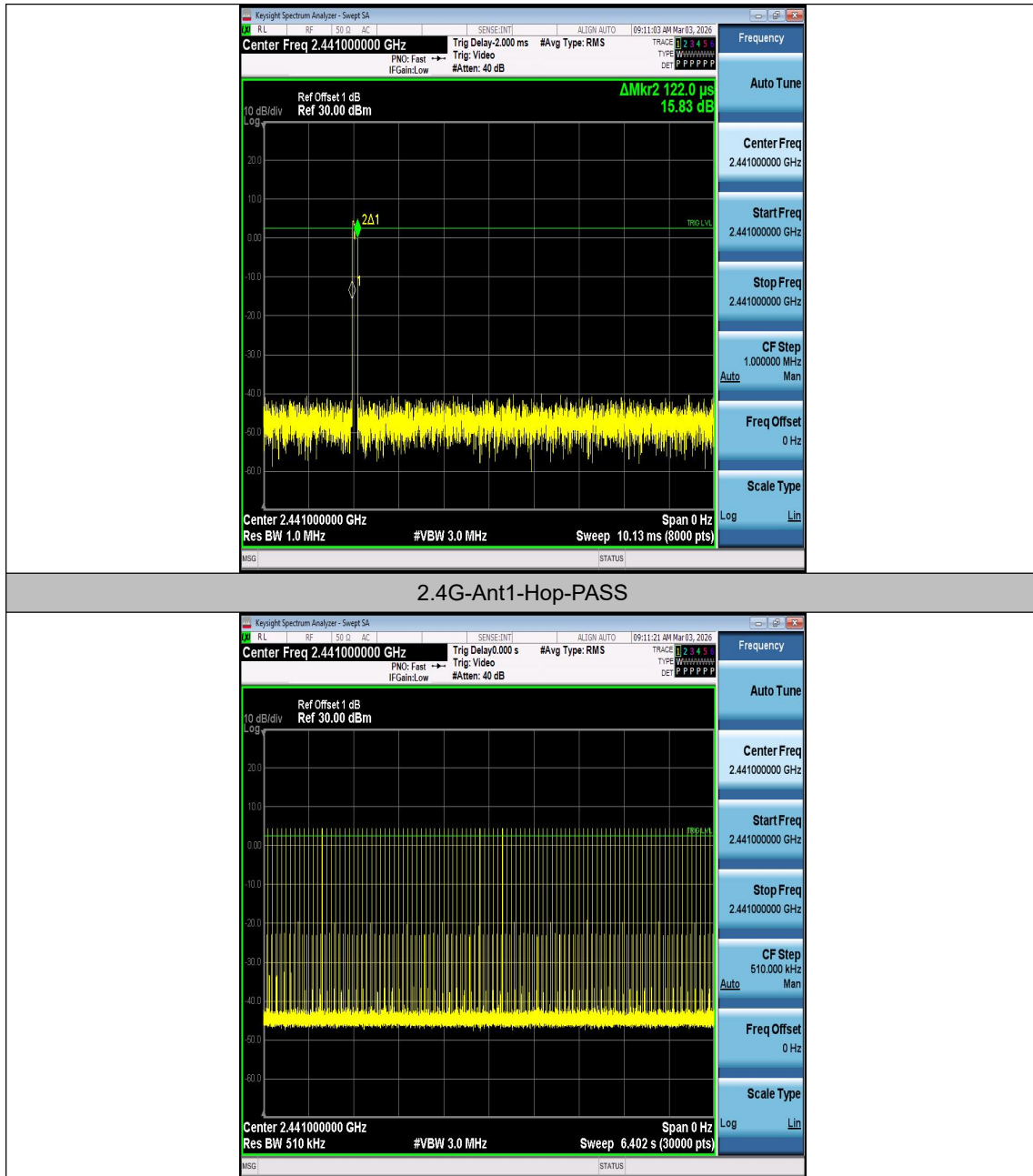


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	494	0.06	≤0.4	PASS

Test Graphs



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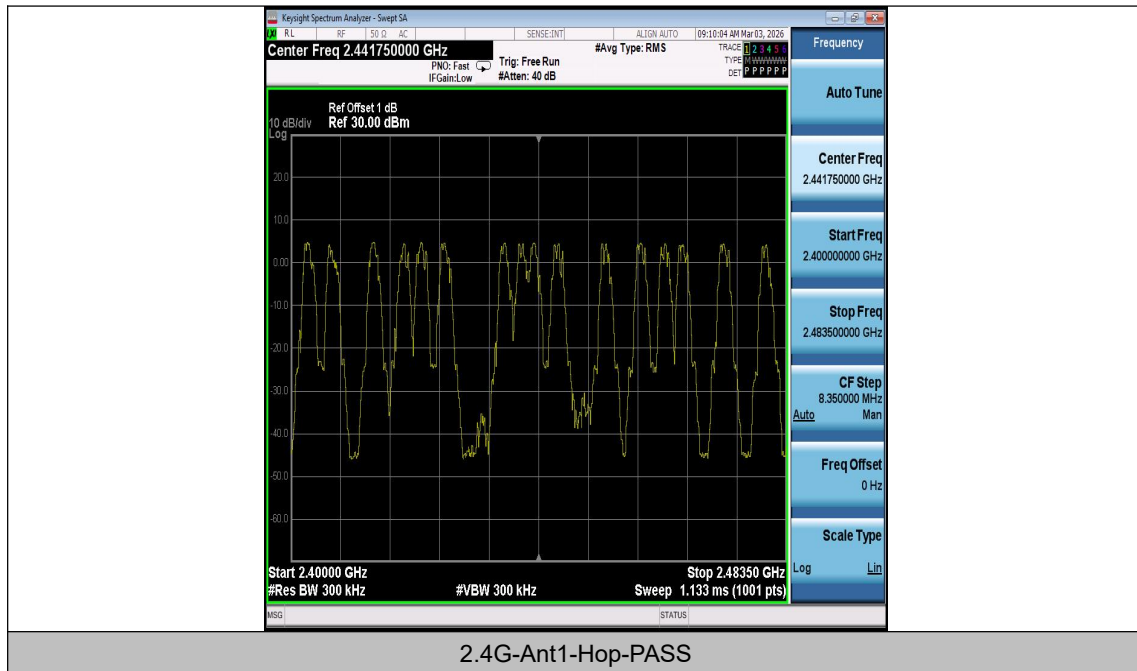
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

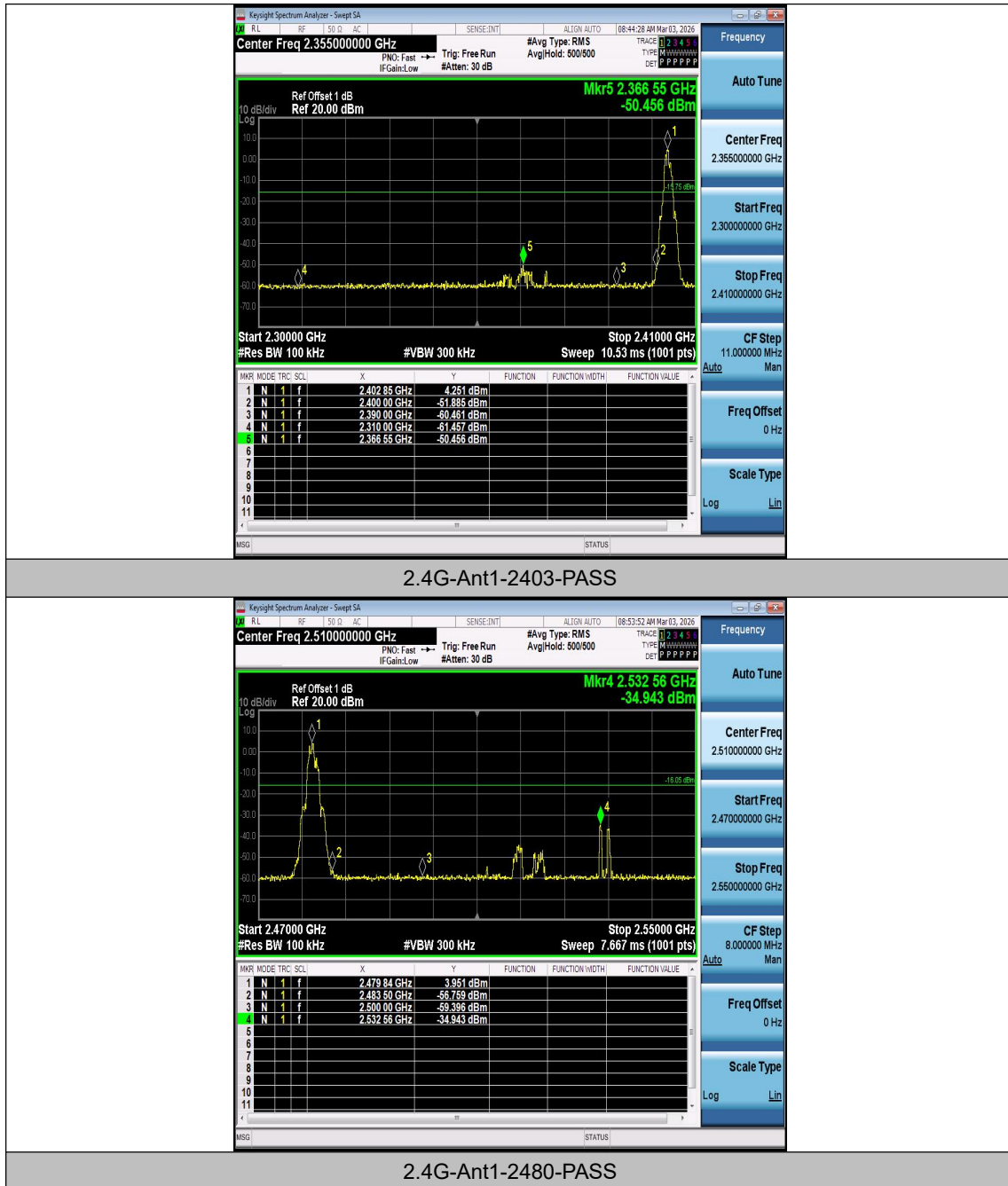


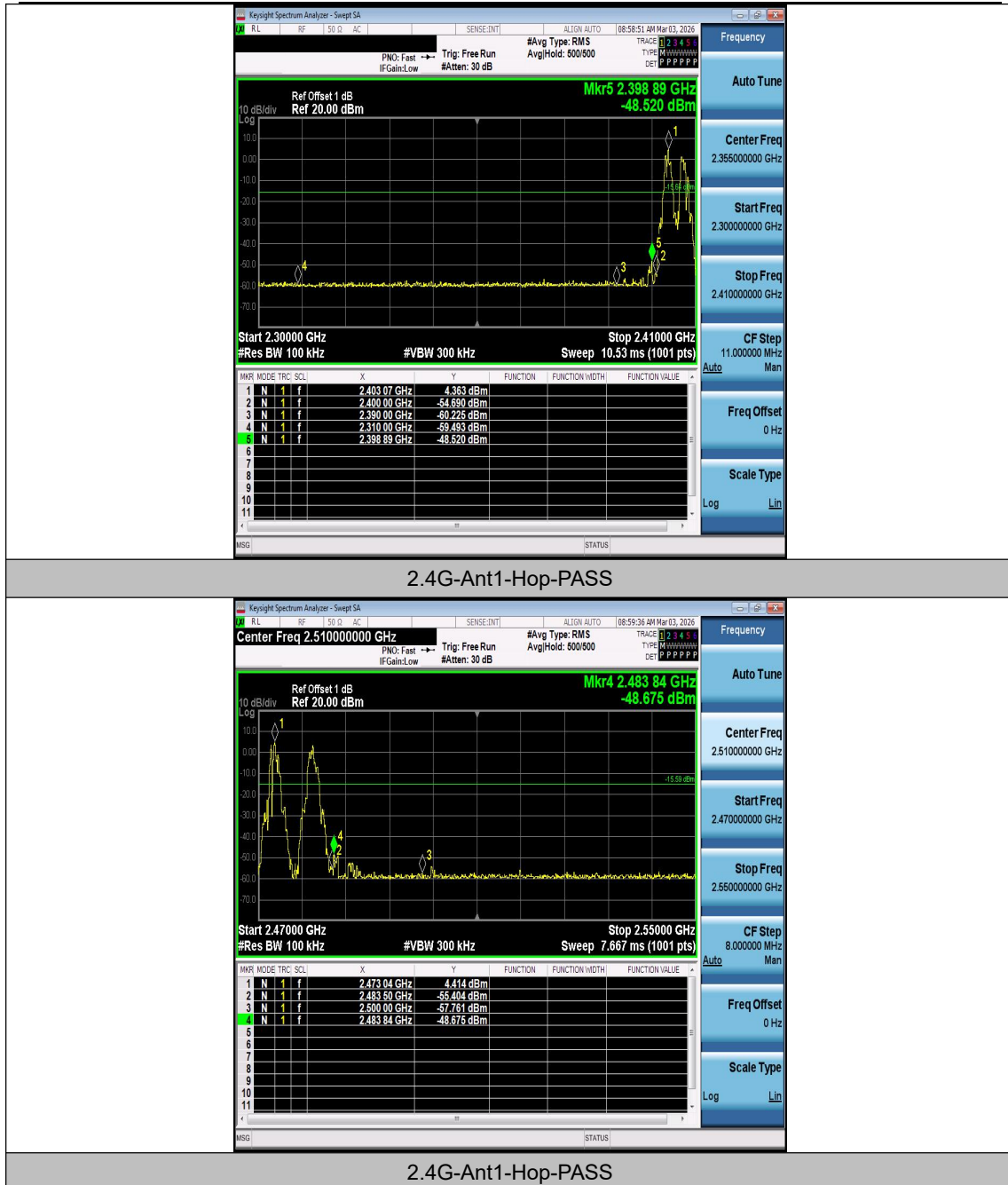
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	4.25	-50.46	≤-15.75	PASS
2.4G	Ant1	High	2480	3.95	-34.94	≤-16.05	PASS
2.4G	Ant1	Low	Hop	4.36	-48.52	≤-15.64	PASS
2.4G	Ant1	High	Hop	4.41	-48.68	≤-15.59	PASS

Test Graphs





Appendix H: Conducted Spurious Emission

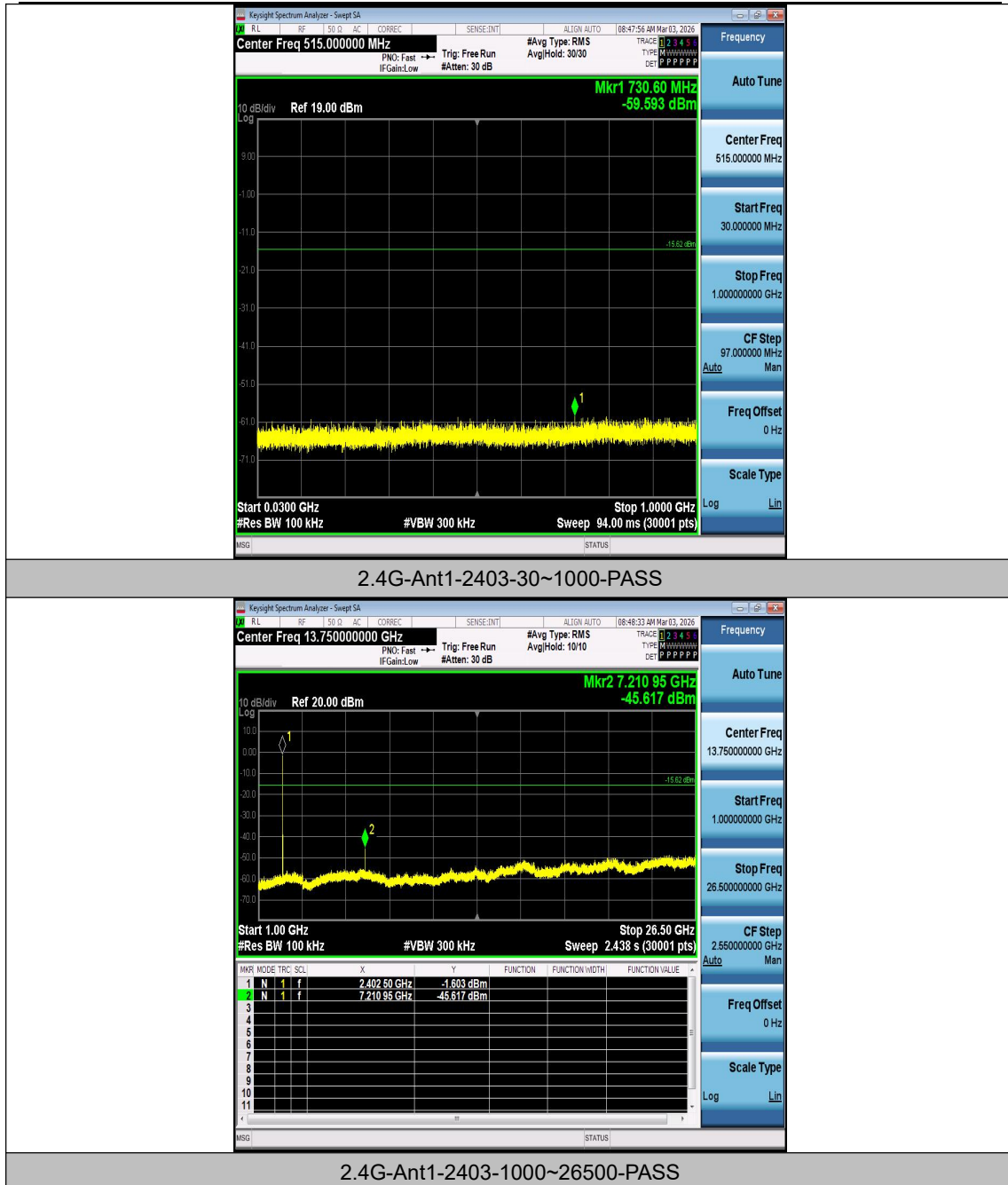
Test Result

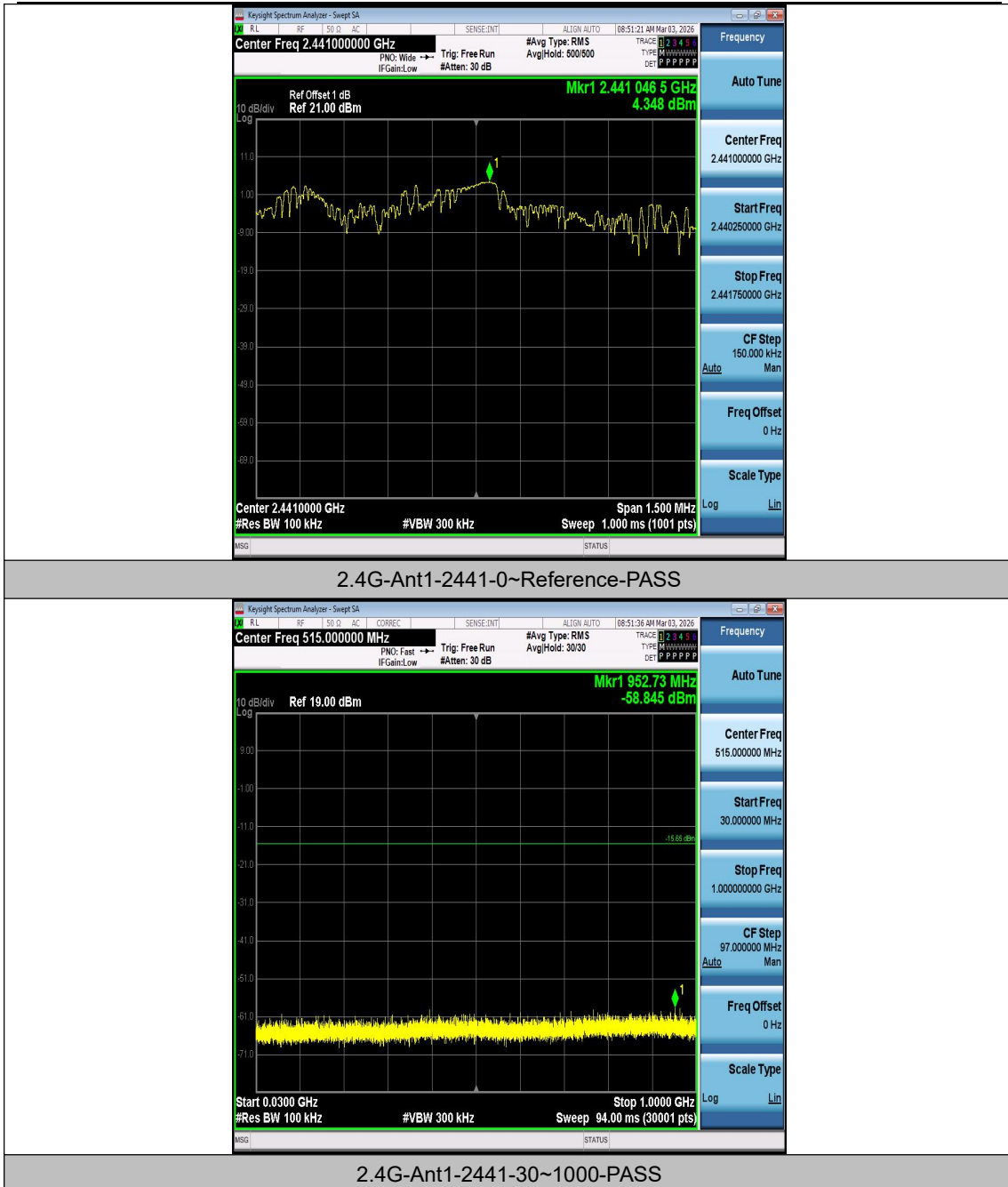
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	4.38	4.38	---	PASS
2.4G	Ant1	2403	30~1000	4.38	-59.59	≤-15.62	PASS
2.4G	Ant1	2403	1000~26500	4.38	-45.62	≤-15.62	PASS
2.4G	Ant1	2441	0~Reference	4.35	4.35	---	PASS
2.4G	Ant1	2441	30~1000	4.35	-58.85	≤-15.65	PASS
2.4G	Ant1	2441	1000~26500	4.35	-47.94	≤-15.65	PASS
2.4G	Ant1	2480	0~Reference	4.11	4.11	---	PASS
2.4G	Ant1	2480	30~1000	4.11	-59.53	≤-15.89	PASS
2.4G	Ant1	2480	1000~26500	4.11	-46.29	≤-15.89	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



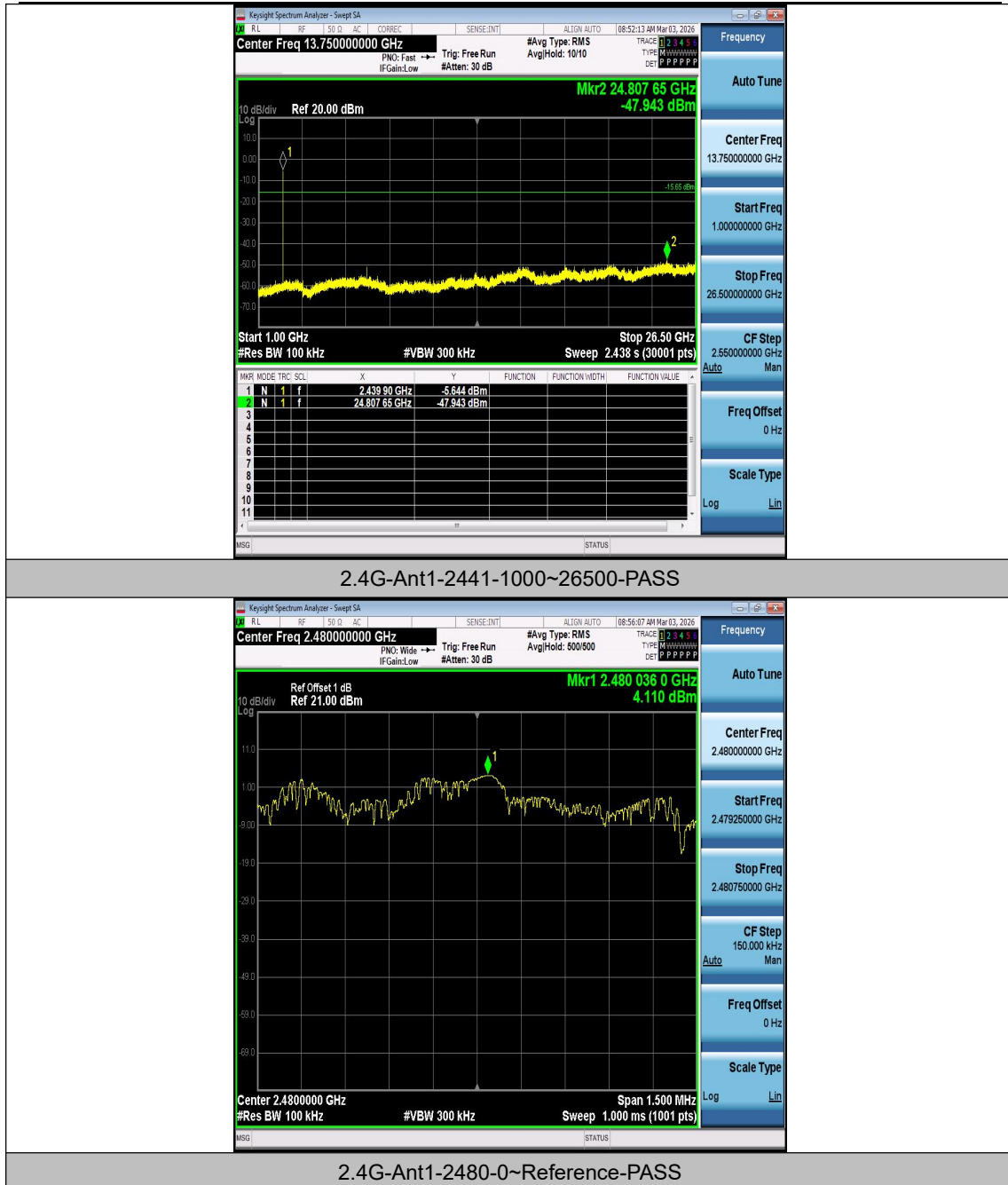




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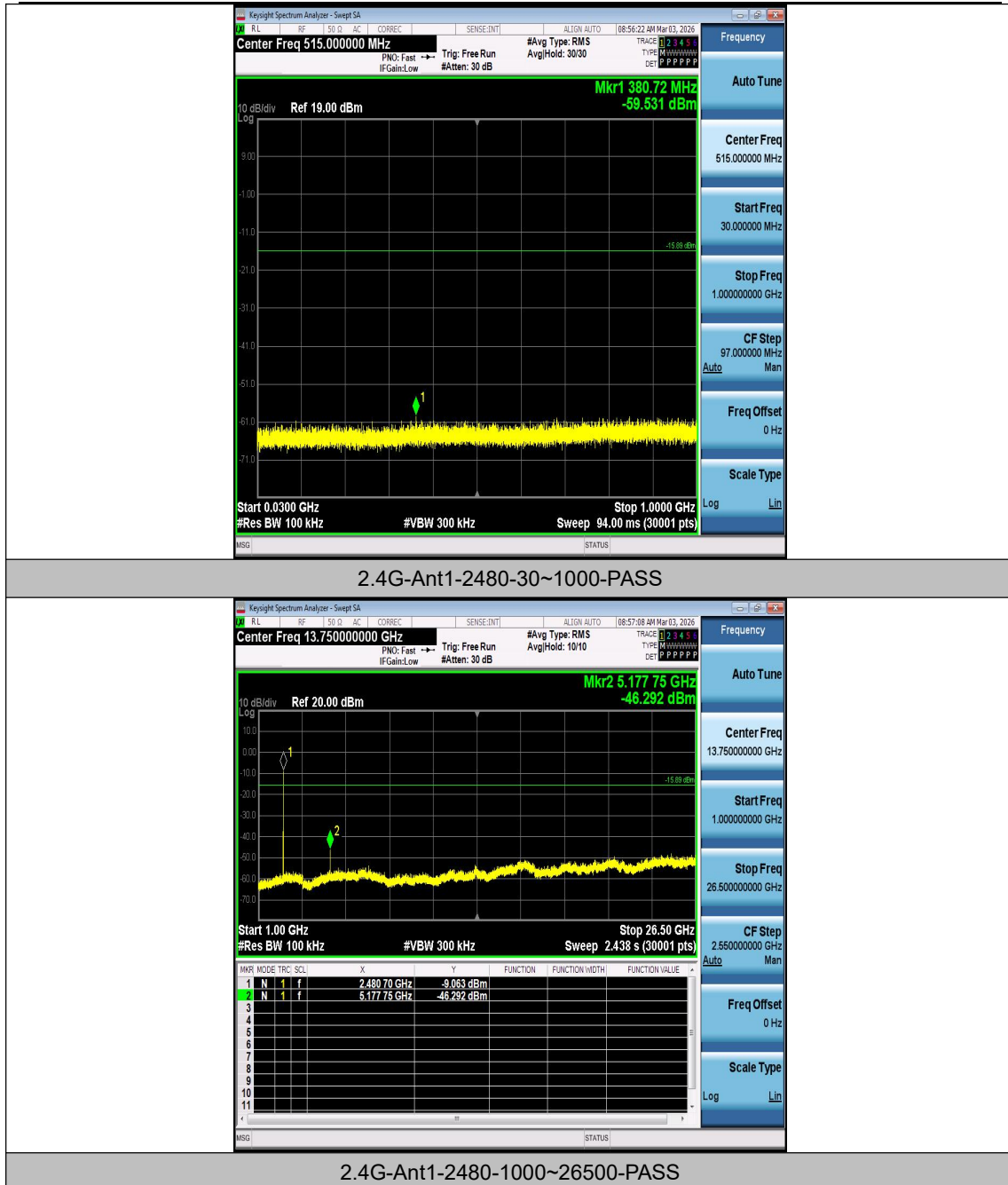
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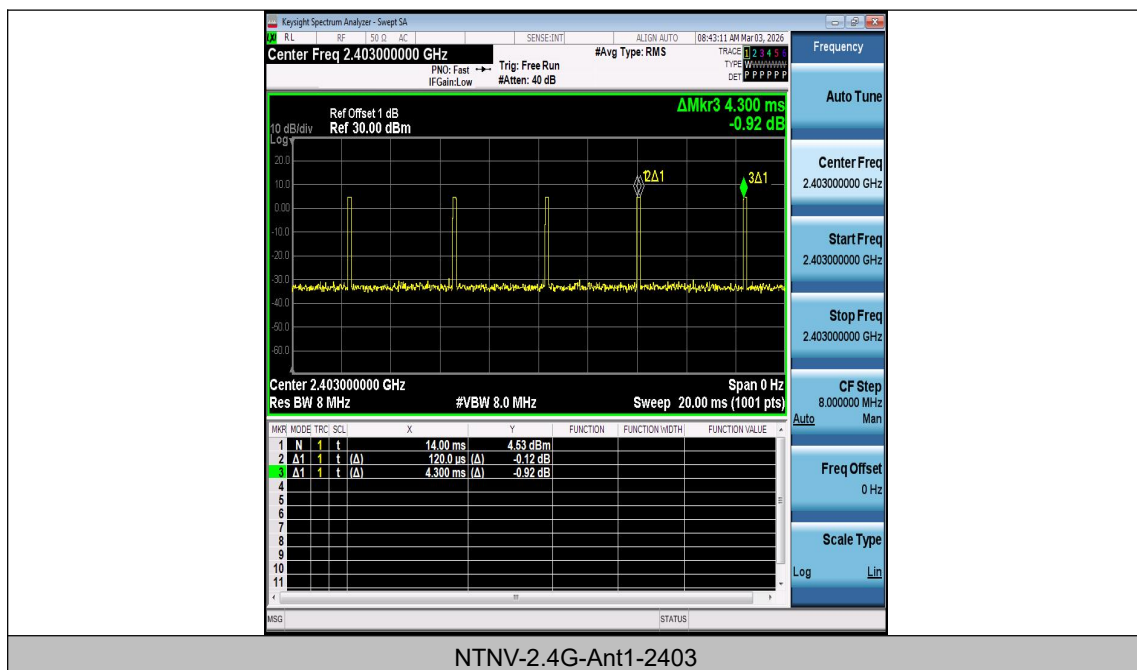
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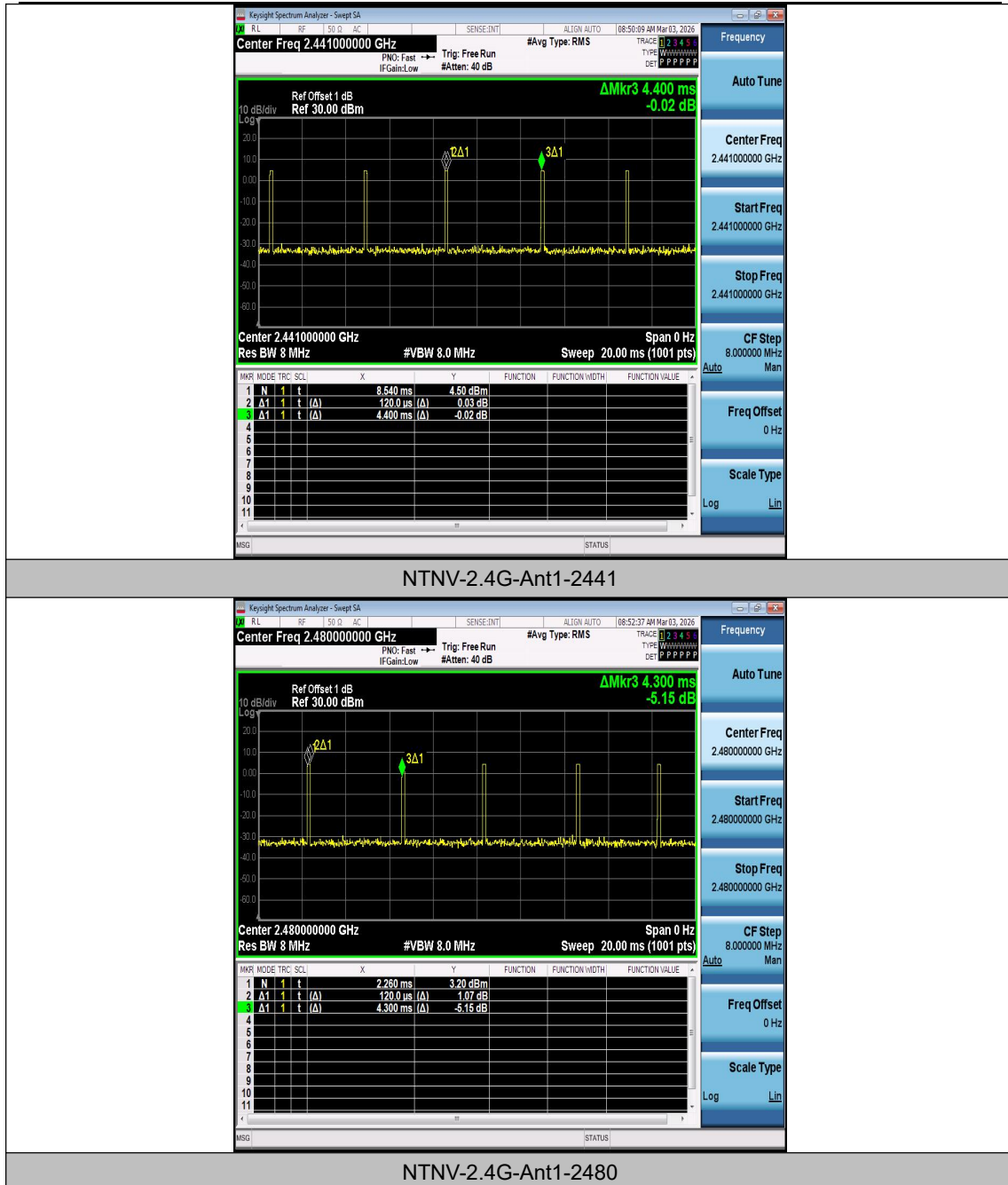
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.30	2.79	15.54
2.4G	Ant1	2441	0.12	4.40	2.73	15.64
2.4G	Ant1	2480	0.12	4.30	2.79	15.54

Test Graphs





---End---