

Appendix Test Data

Report No.:	1812C60434812502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-31	Finish Test Date:	2026-9-17
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	23°C	Relative Humidity:	72%
Pressure:	100.6kPa		

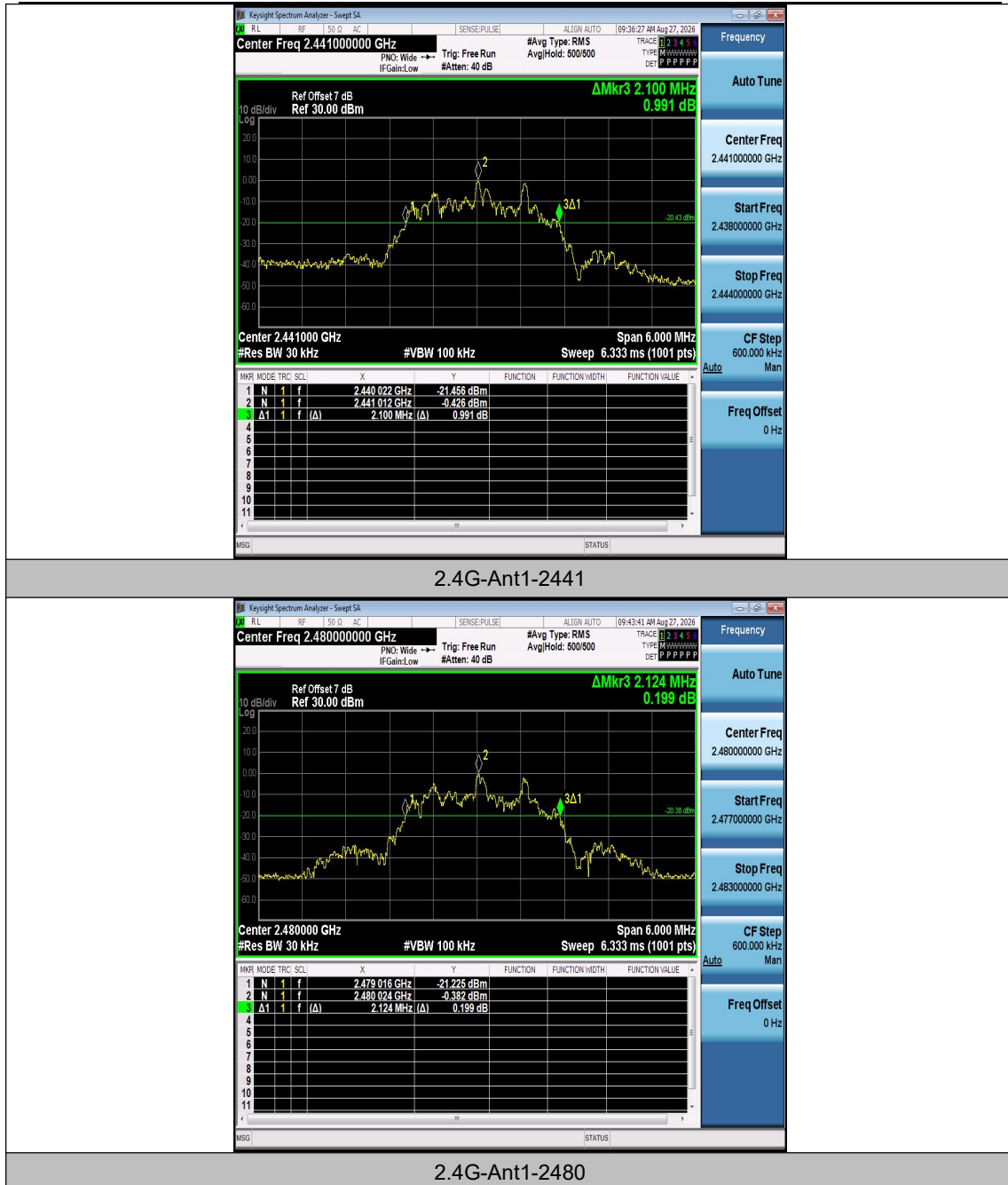
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.130	2402.010	2404.140	---	---
2.4G	Ant1	2441	2.100	2440.022	2442.122	---	---
2.4G	Ant1	2480	2.124	2479.016	2481.140	---	---

Test Graphs



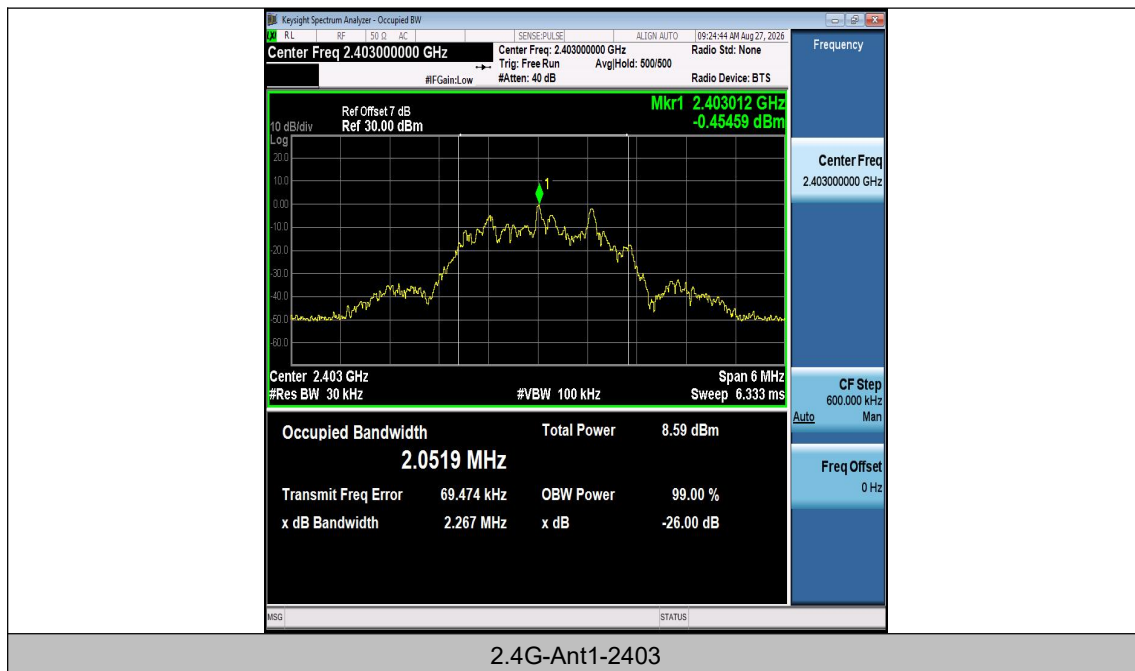


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.0519	2402.0435	2404.0954	---	---
2.4G	Ant1	2441	2.0379	2440.0437	2442.0816	---	---
2.4G	Ant1	2480	2.0289	2479.0462	2481.0751	---	---

Test Graphs





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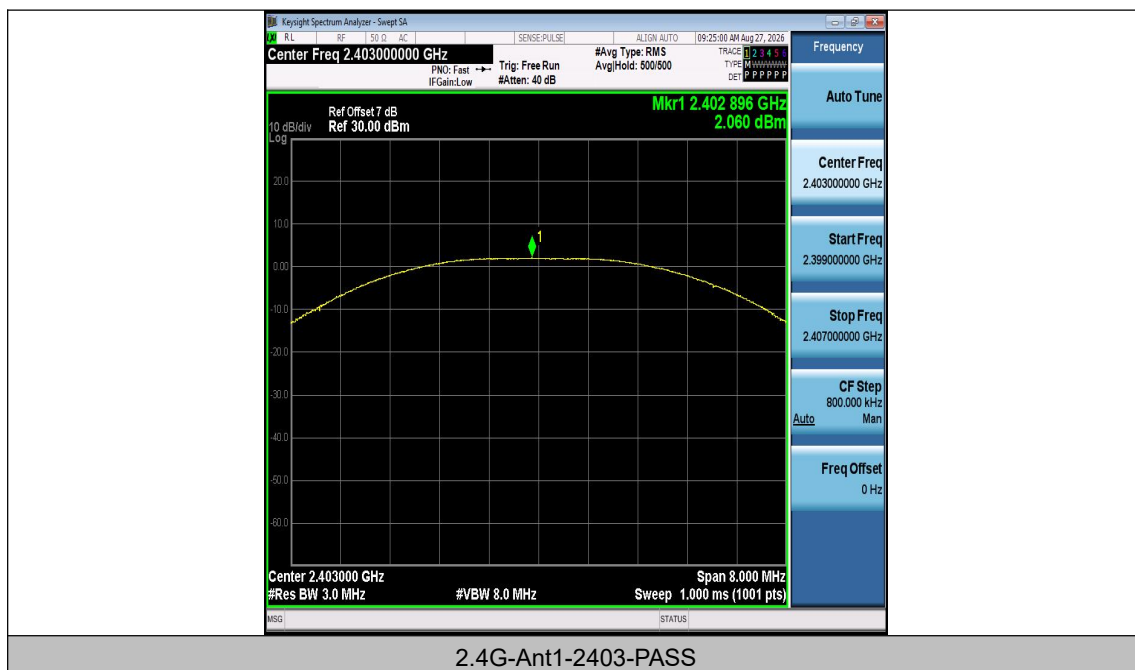
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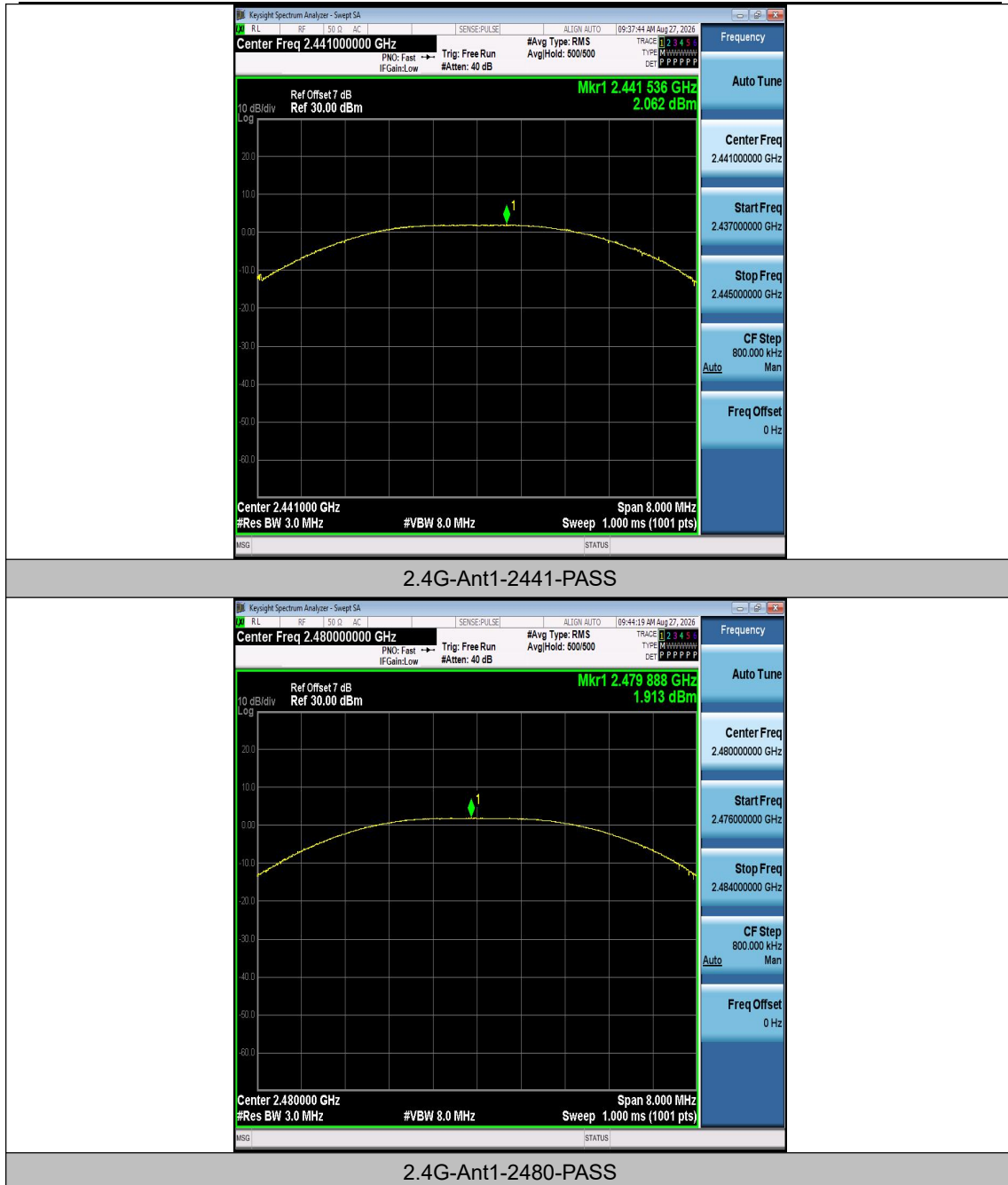
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	2.06	≤20.97	PASS
2.4G	Ant1	2441	2.06	≤20.97	PASS
2.4G	Ant1	2480	1.91	≤20.97	PASS

Test Graphs





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Appendix D: Carrier frequency separation

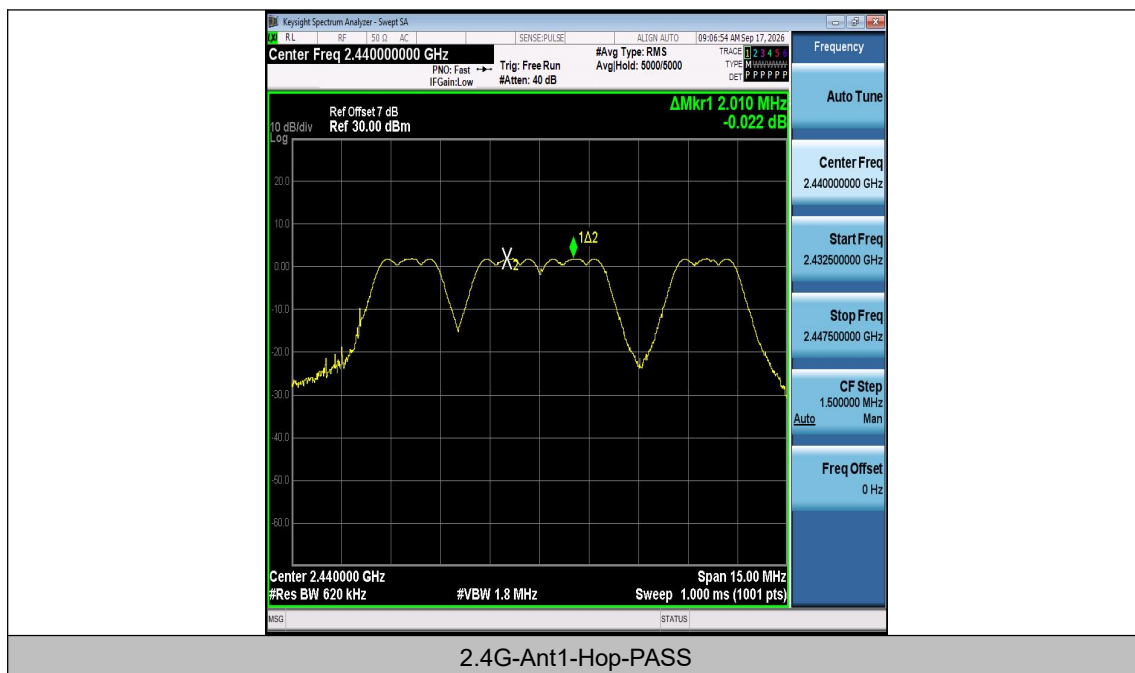
Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.010	≥1.420	PASS

Note:

1. For conducted power less than 0.125 W(20.97 dBm), 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.
2. Only the scenario with the closest adjacent channels was shown as worst-case mode.

Test Graphs

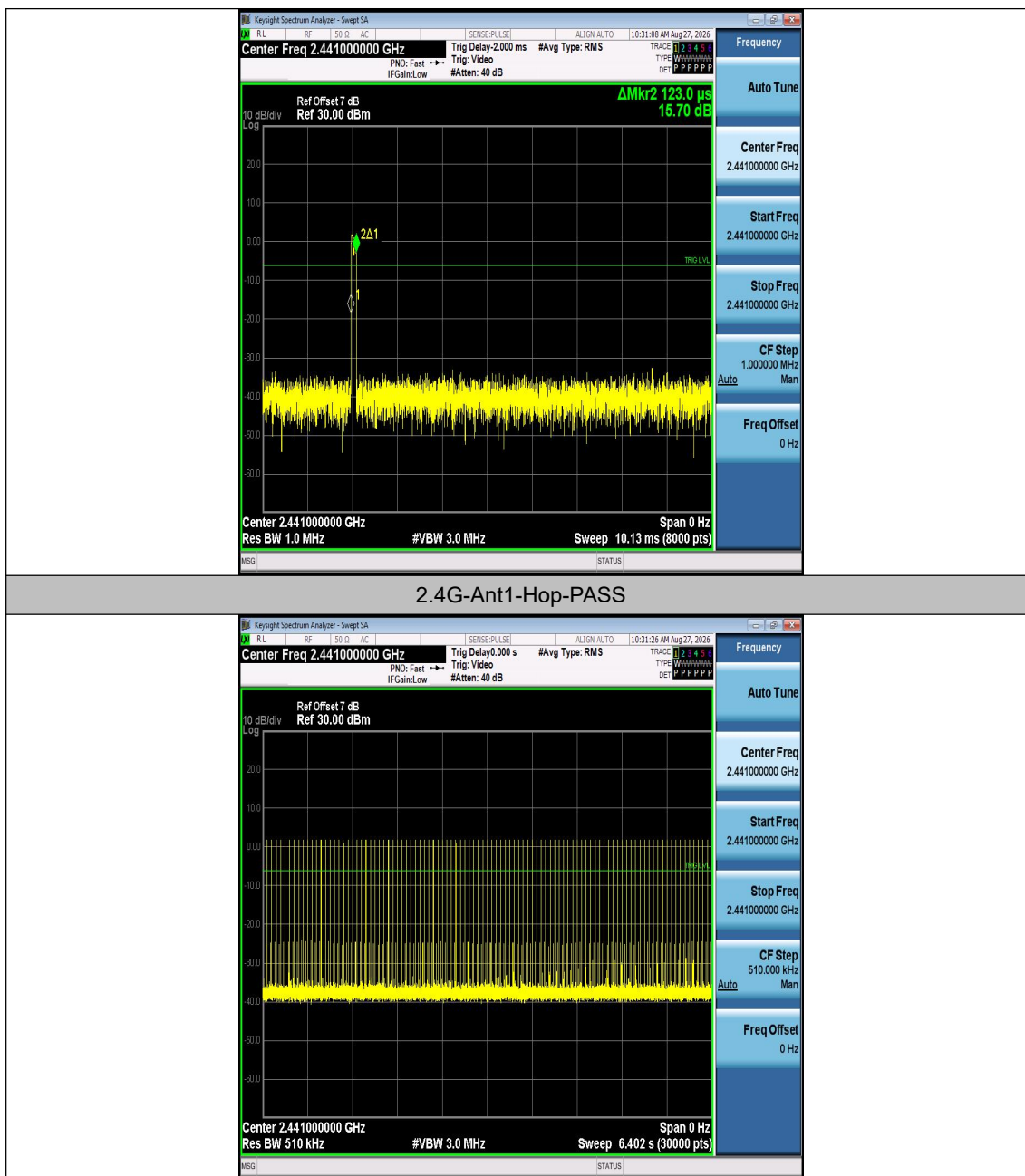


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.123	101	0.124	≤0.4	PASS

Test Graphs



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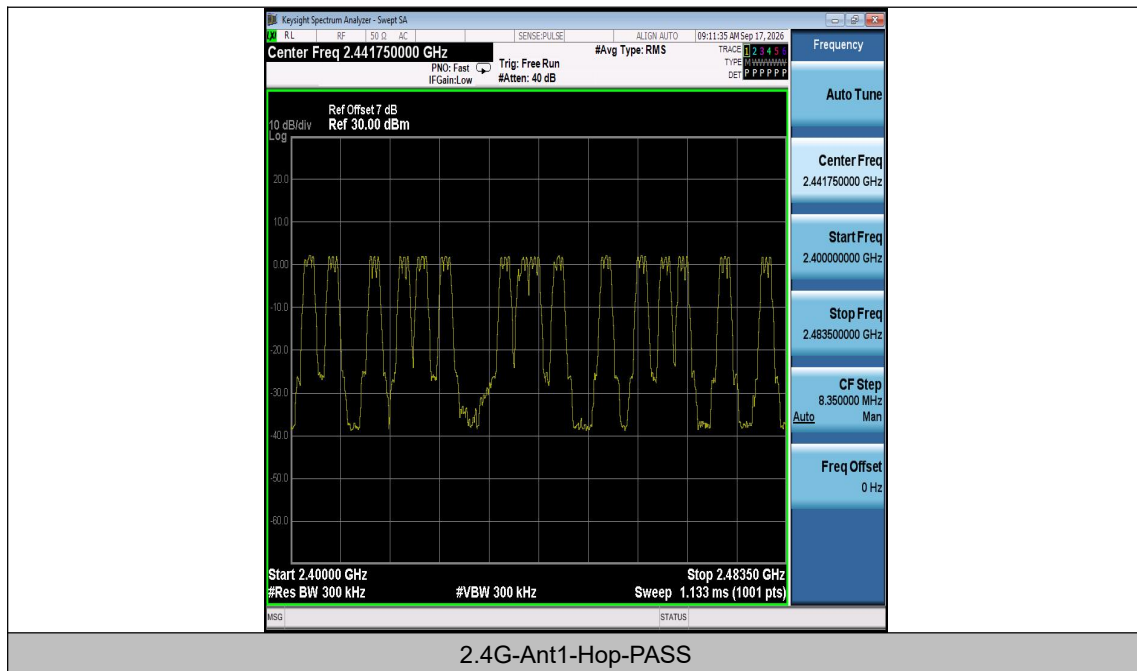
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs

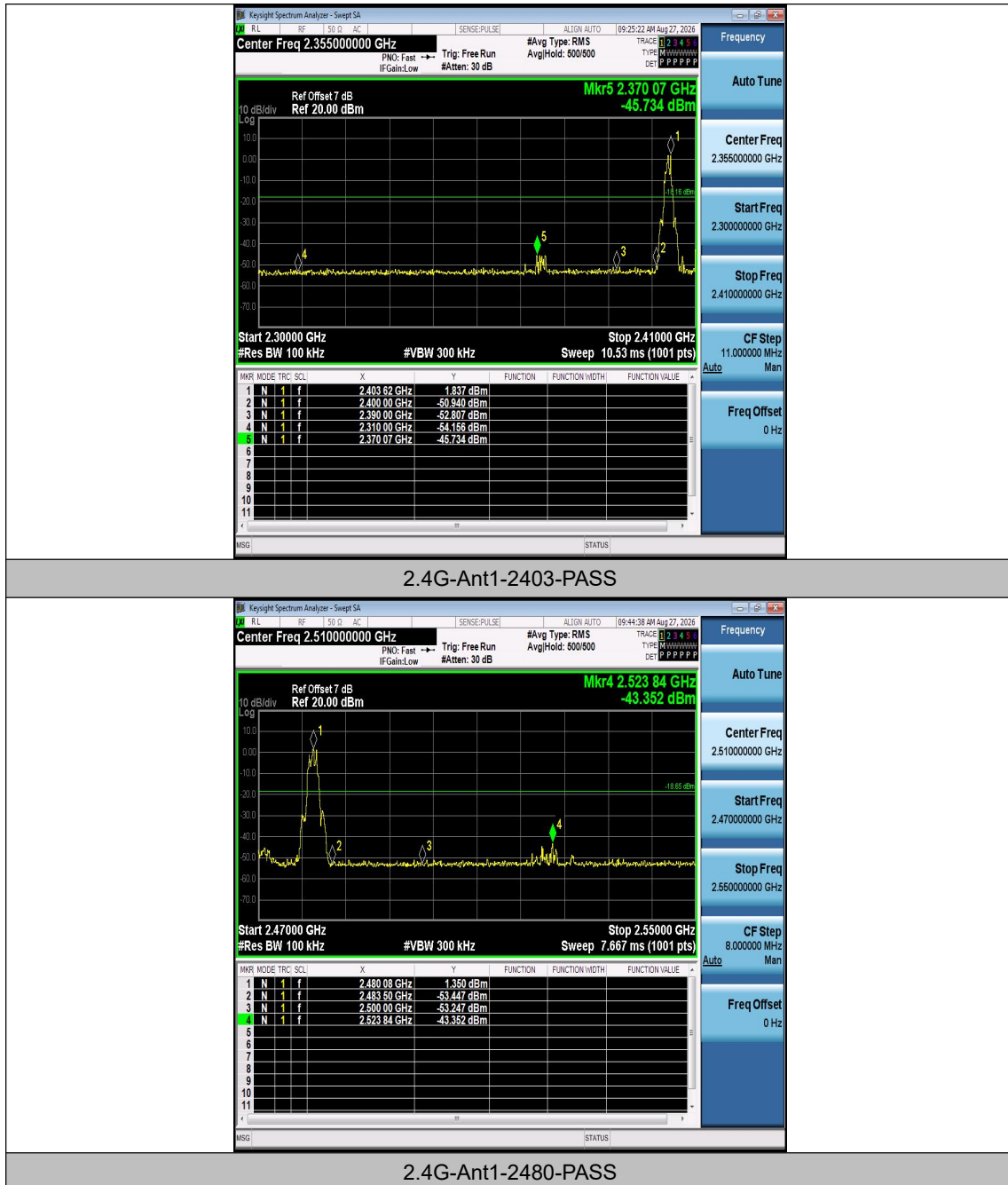


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	1.84	-45.73	≤-18.16	PASS
2.4G	Ant1	High	2480	1.35	-43.35	≤-18.65	PASS
2.4G	Ant1	High	Hop	1.74	-45.95	≤-18.27	PASS
2.4G	Ant1	Low	Hop	-0.25	-47.29	≤-20.25	PASS

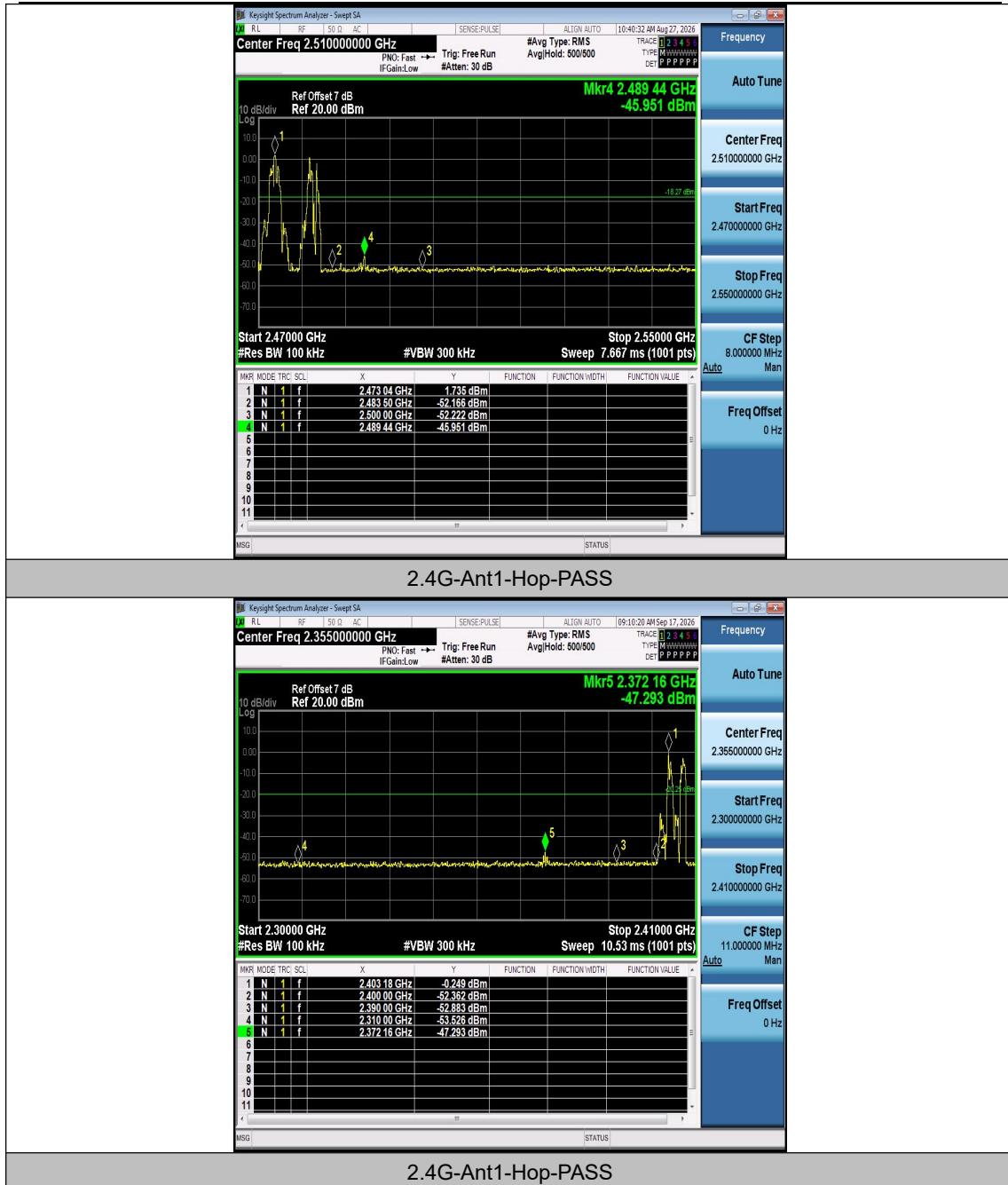
Test Graphs



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Appendix H: Conducted Spurious Emission

Test Result

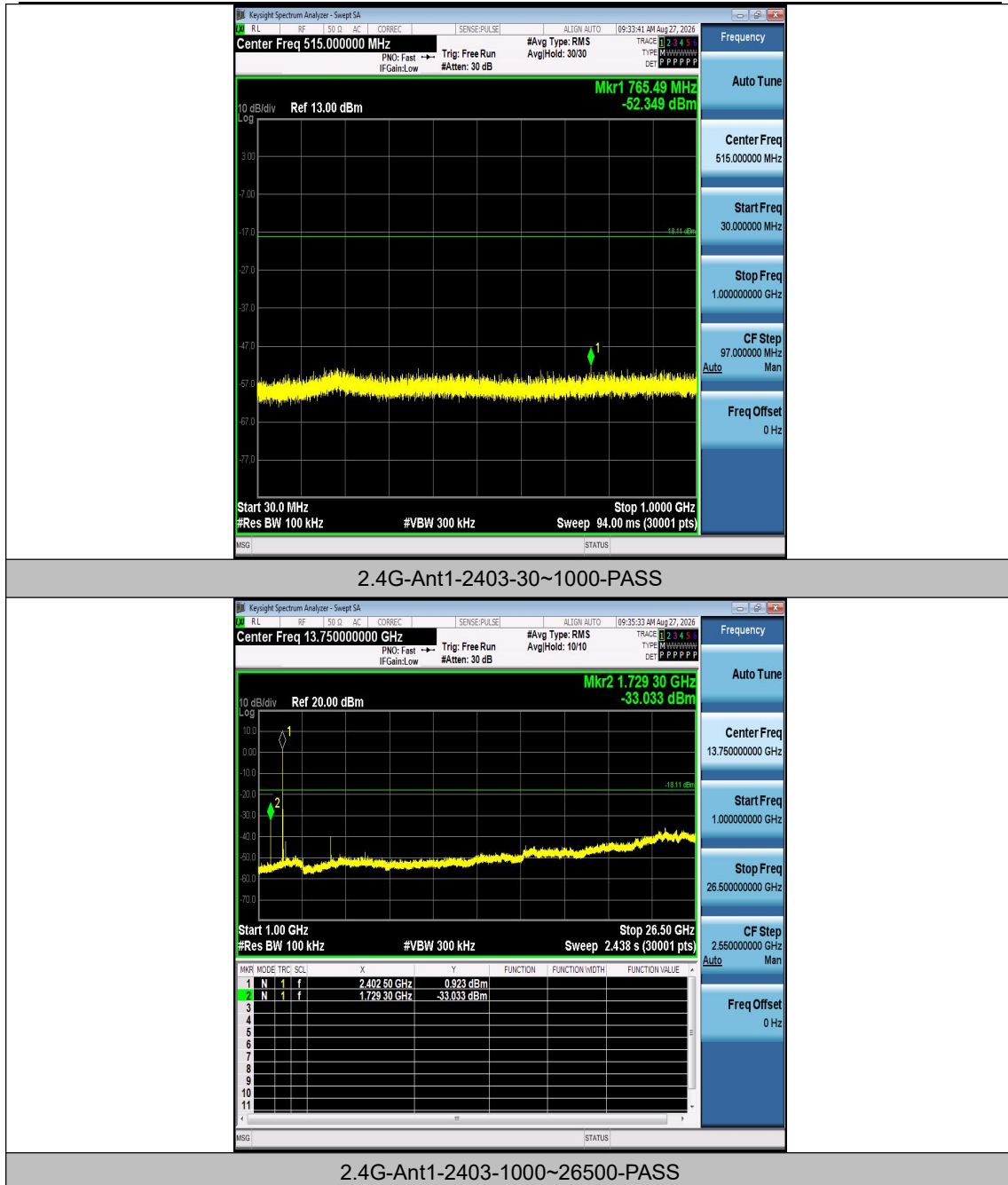
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	1.89	1.89	---	PASS
2.4G	Ant1	2403	30~1000	1.89	-52.35	≤-18.11	PASS
2.4G	Ant1	2403	1000~26500	1.89	-33.03	≤-18.11	PASS
2.4G	Ant1	2441	0~Reference	1.71	1.71	---	PASS
2.4G	Ant1	2441	30~1000	1.71	-52.48	≤-18.29	PASS
2.4G	Ant1	2441	1000~26500	1.71	-30.24	≤-18.29	PASS
2.4G	Ant1	2480	0~Reference	1.66	1.66	---	PASS
2.4G	Ant1	2480	30~1000	1.66	-52.05	≤-18.34	PASS
2.4G	Ant1	2480	1000~26500	1.66	-37.93	≤-18.34	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



2.4G-Ant1-2403-0~Reference-PASS



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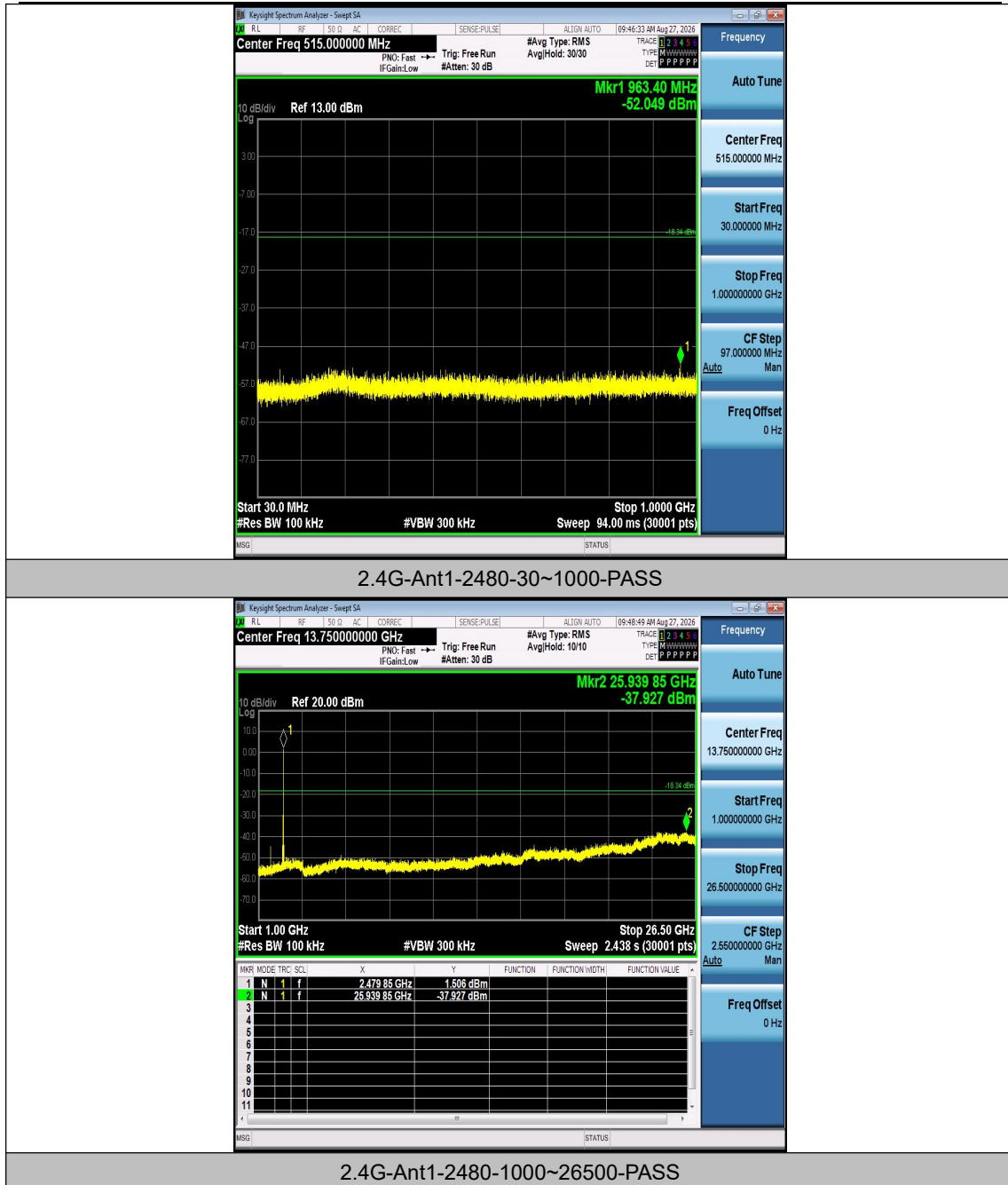
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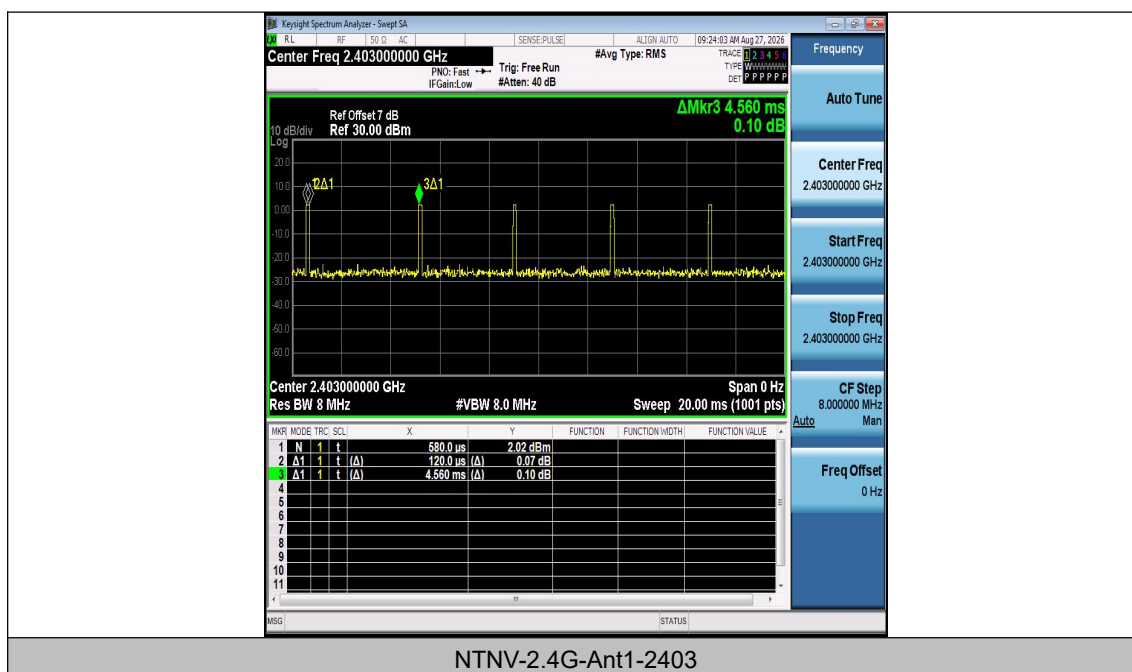
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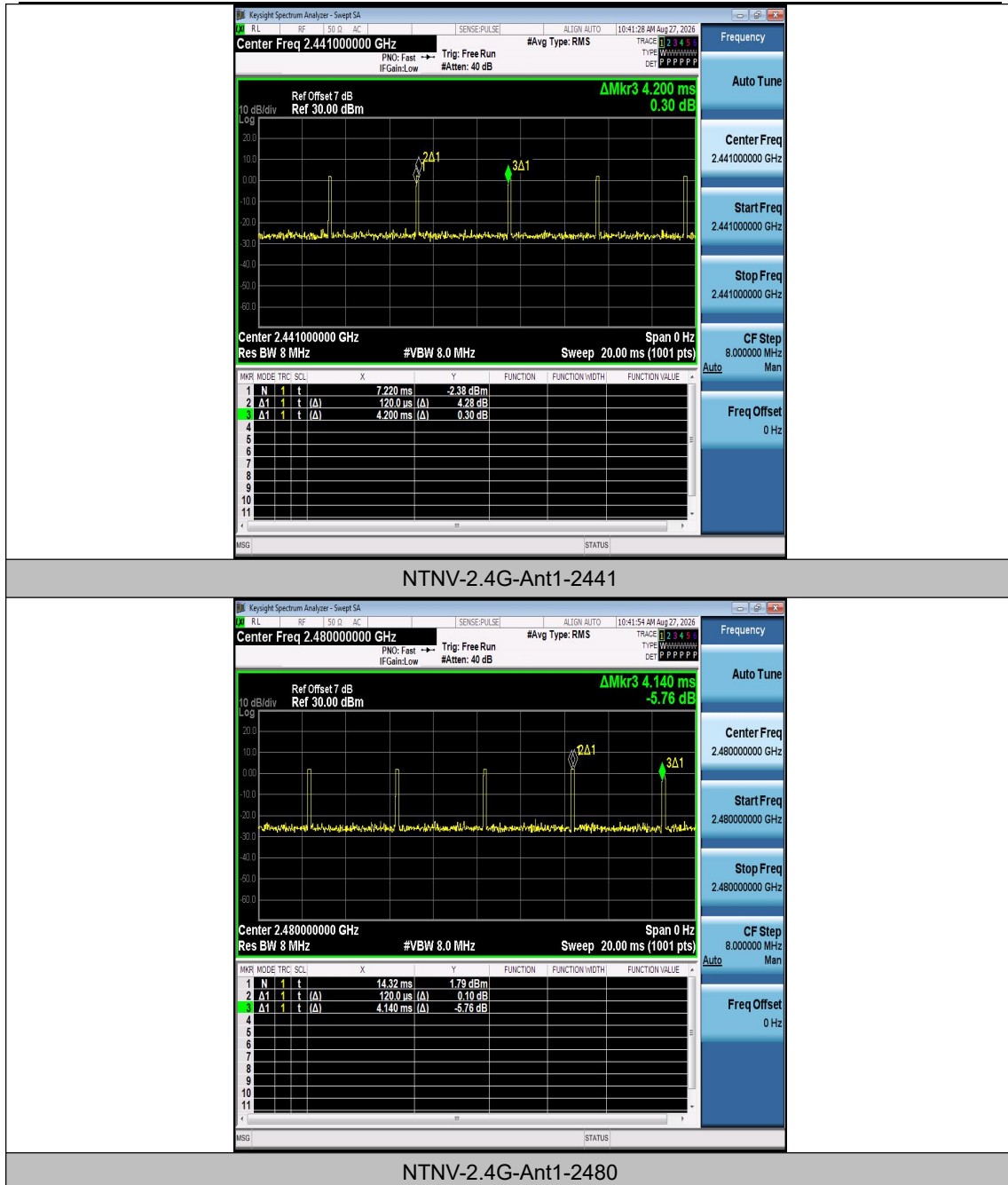
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.56	2.63	15.80
2.4G	Ant1	2441	0.12	4.20	2.86	15.44
2.4G	Ant1	2480	0.12	4.14	2.90	15.38

Test Graphs





---End---