

Appendix Test Data

Report No.:	1812C60268512502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-15	Finish Test Date:	2026-6-5
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.2°C	Relative Humidity:	70%
Pressure:	101kPa		



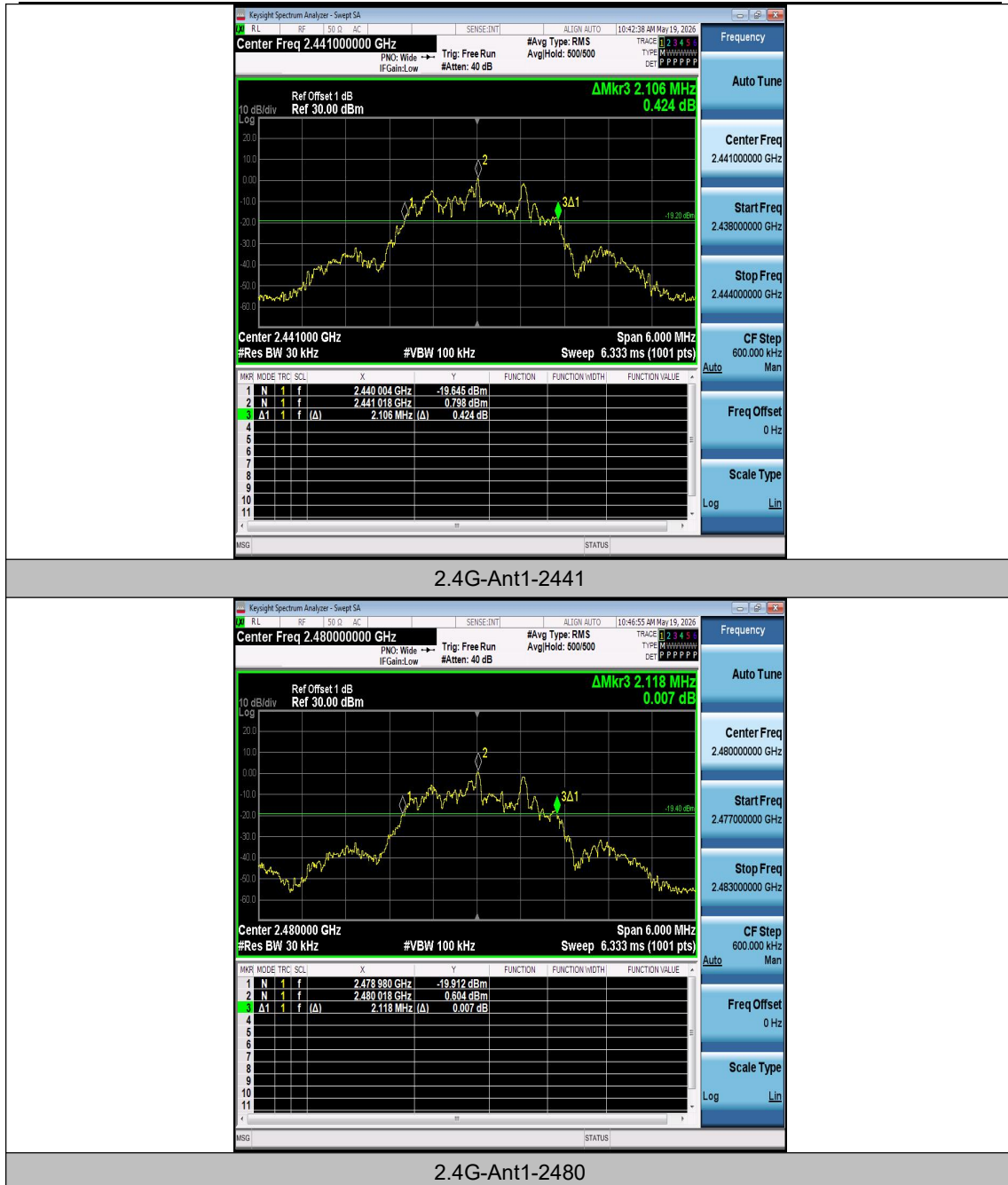
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.118	2402.004	2404.122	---	---
2.4G	Ant1	2441	2.106	2440.004	2442.110	---	---
2.4G	Ant1	2480	2.118	2478.980	2481.098	---	---

Test Graphs





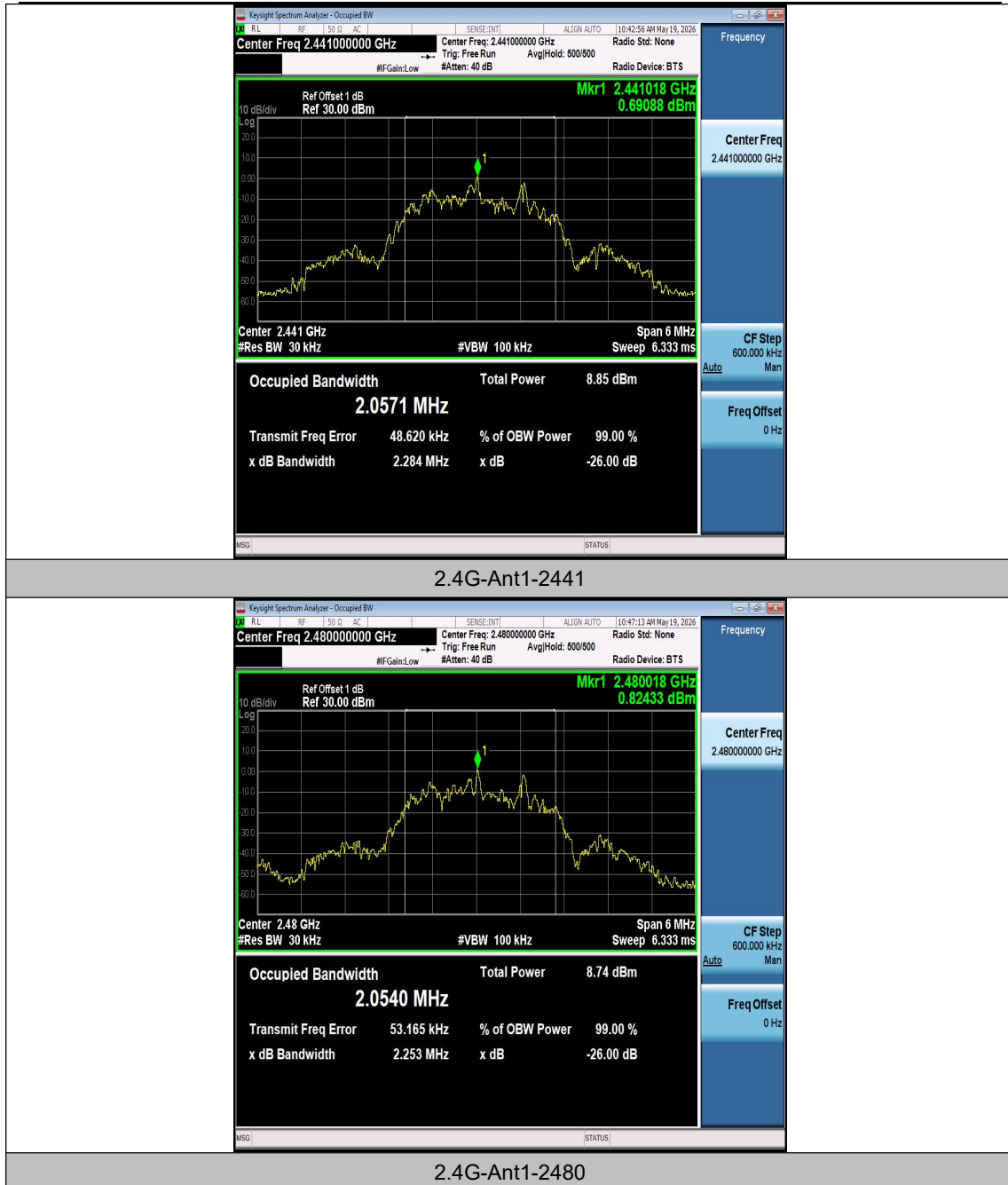
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.0530	2402.0241	2404.0771	---	---
2.4G	Ant1	2441	2.0571	2440.0201	2442.0772	---	---
2.4G	Ant1	2480	2.0540	2479.0262	2481.0802	---	---

Test Graphs





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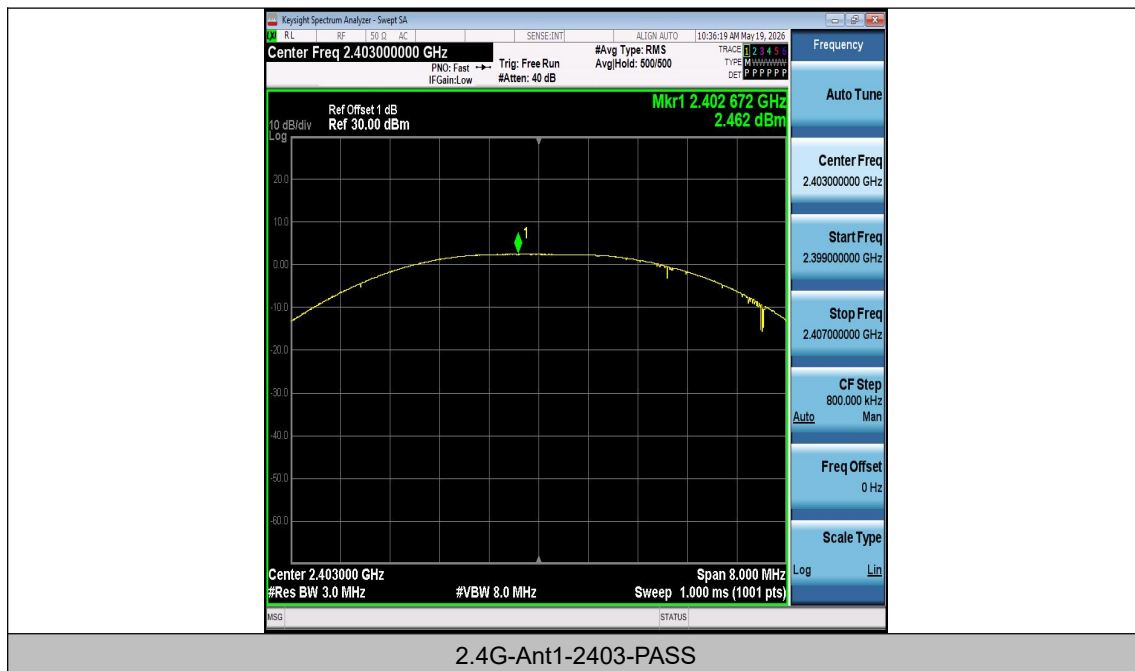
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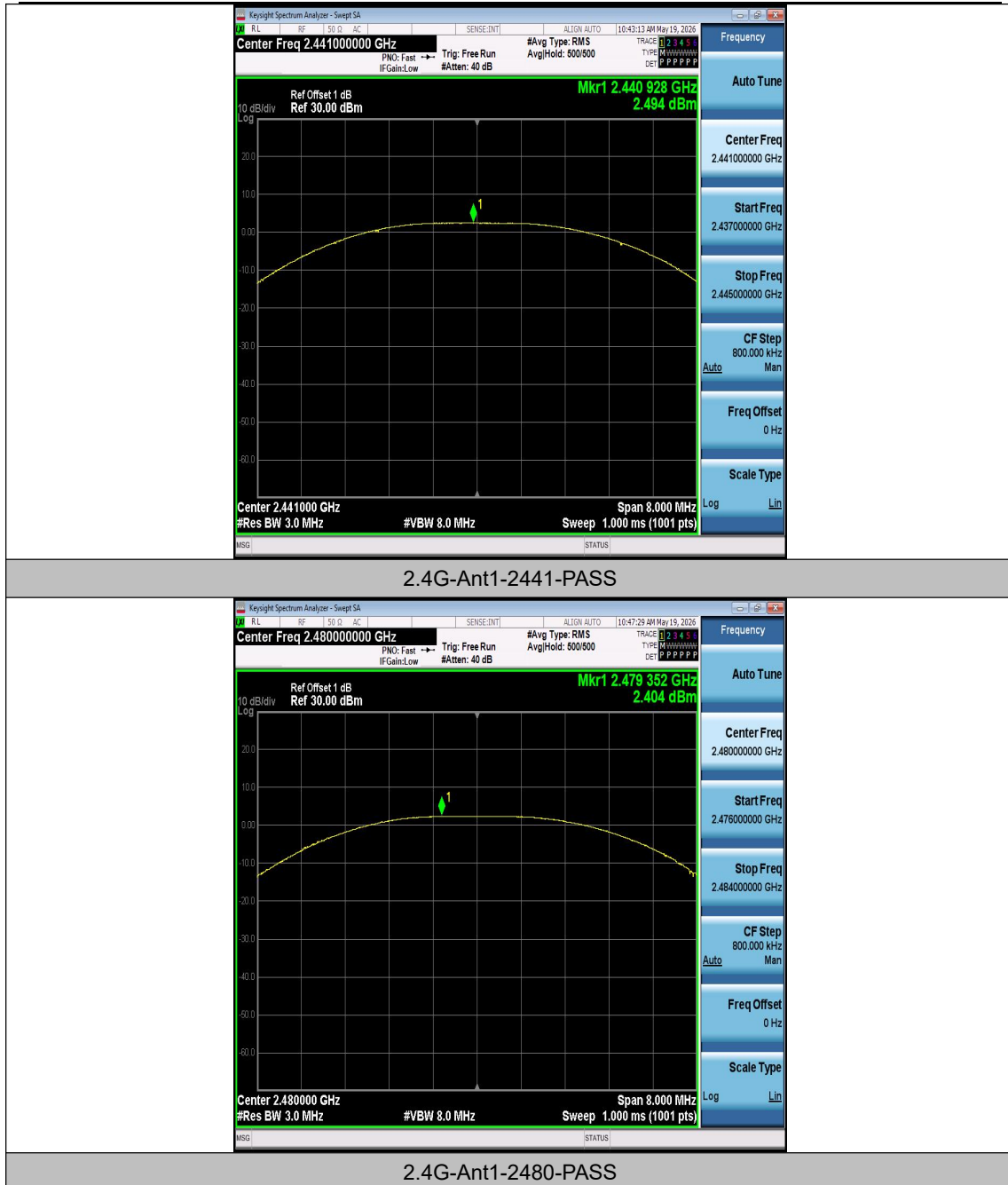
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	2.46	≤20.97	PASS
2.4G	Ant1	2441	2.49	≤20.97	PASS
2.4G	Ant1	2480	2.40	≤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	2.000	≥1.412	PASS

Note:

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. This report only list the worst case data.

Test Graphs

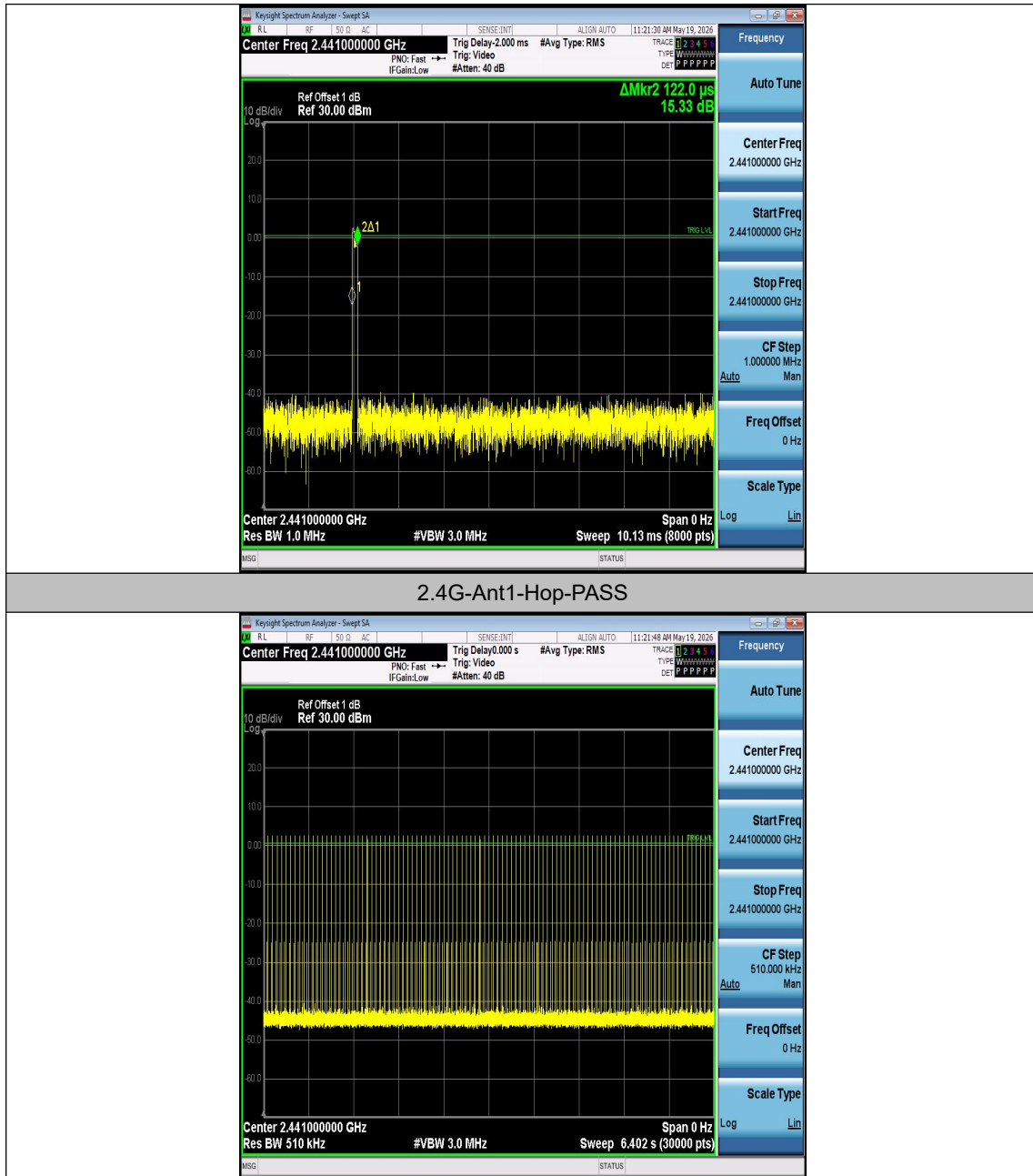


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	493.75	0.06	≤0.4	PASS

Test Graphs



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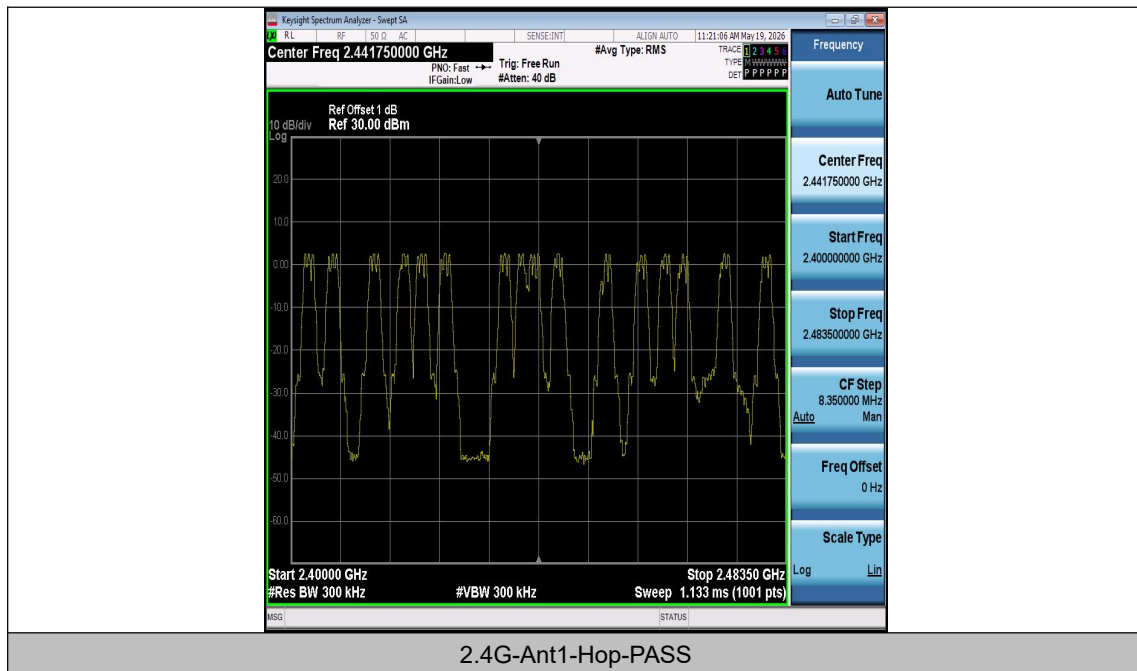
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



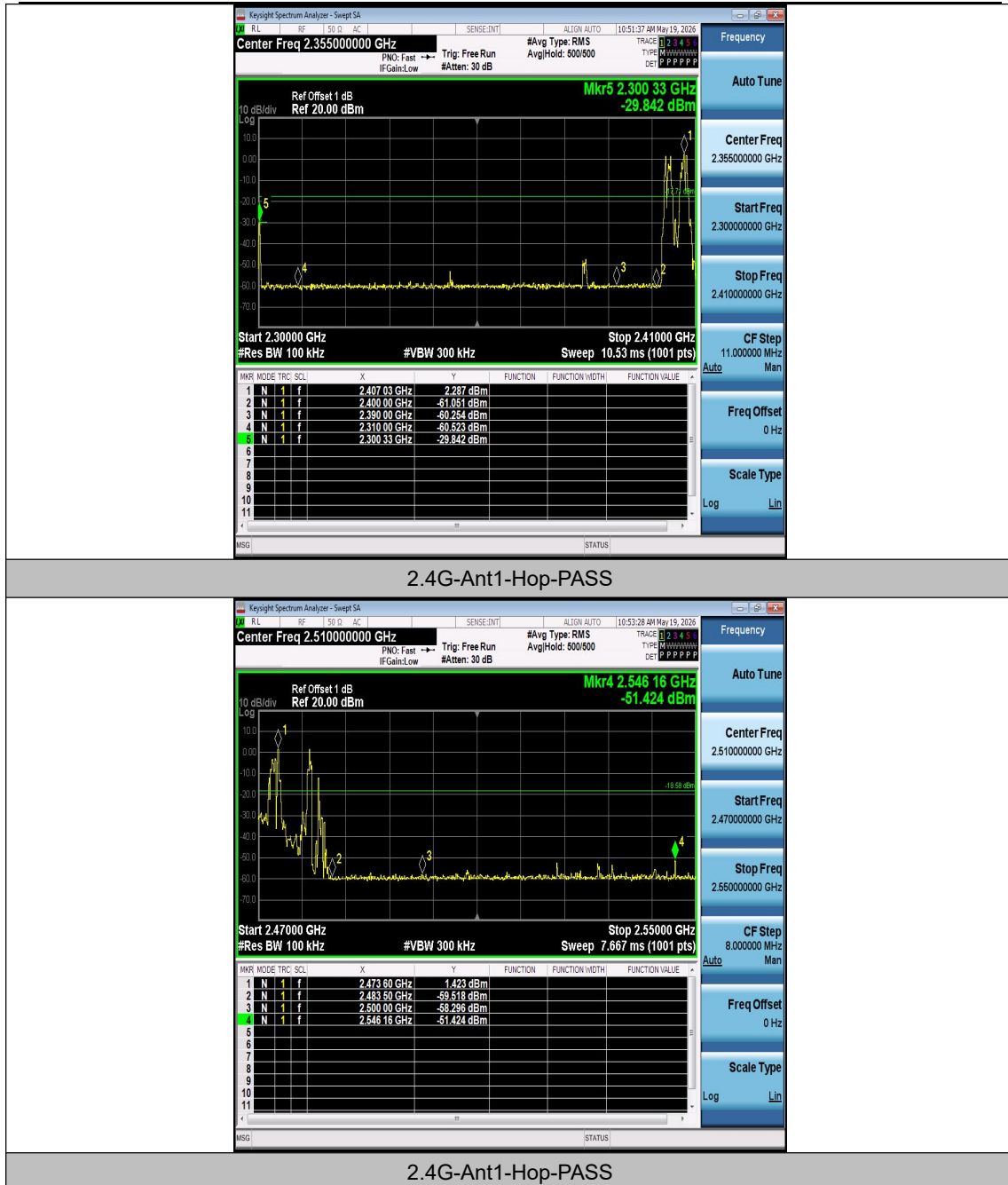
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	2.32	-43.8	≤-17.68	PASS
2.4G	Ant1	High	2480	2.54	-41.94	≤-17.46	PASS
2.4G	Ant1	Low	Hop	2.29	-29.84	≤-17.71	PASS
2.4G	Ant1	High	Hop	1.42	-51.42	≤-18.58	PASS

Test Graphs





Appendix H: Conducted Spurious Emission

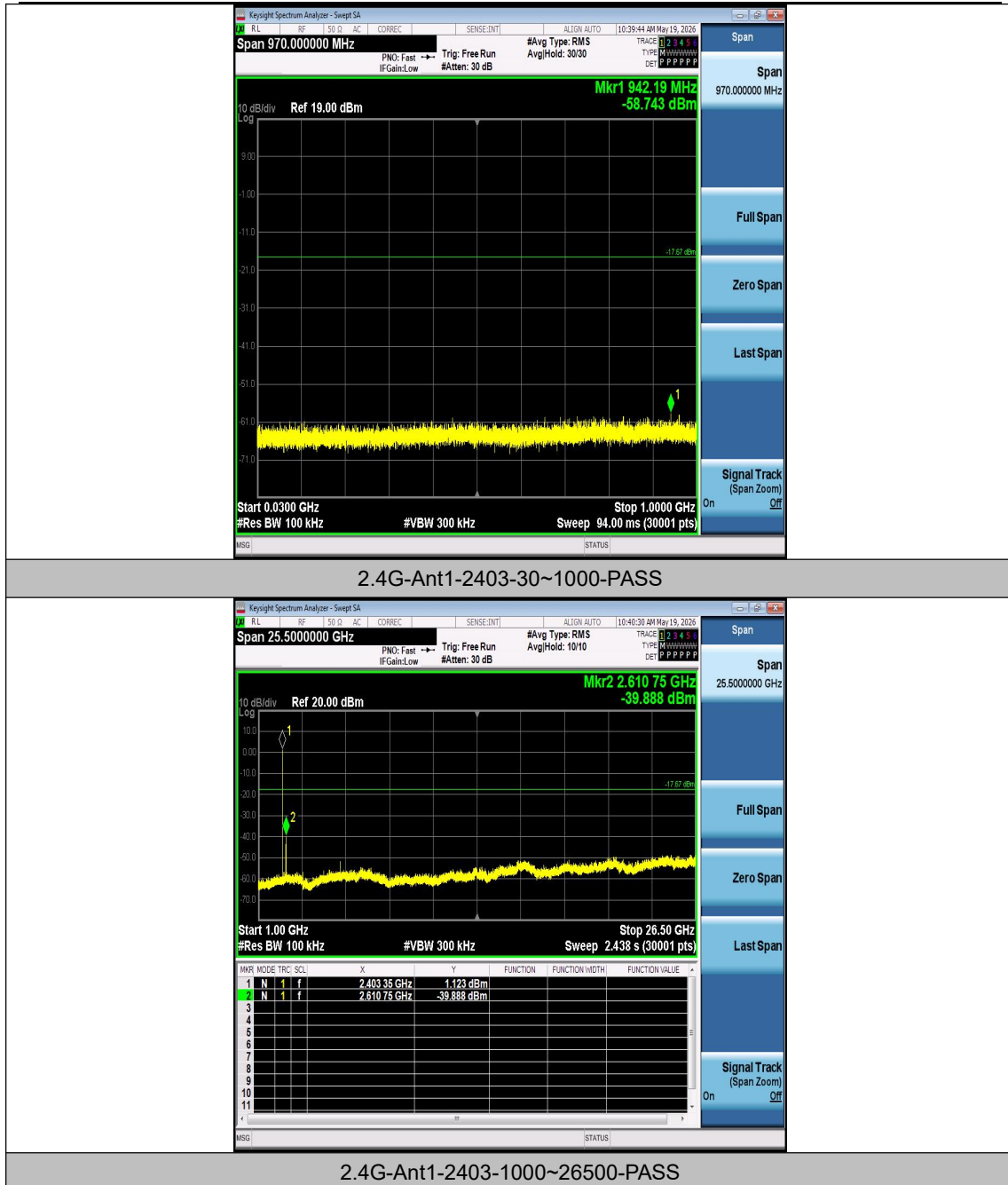
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	2.33	2.33	---	PASS
2.4G	Ant1	2403	30~1000	2.33	-58.74	≤-17.67	PASS
2.4G	Ant1	2403	1000~26500	2.33	-39.89	≤-17.67	PASS
2.4G	Ant1	2441	0~Reference	2.38	2.38	---	PASS
2.4G	Ant1	2441	30~1000	2.38	-59.27	≤-17.62	PASS
2.4G	Ant1	2441	1000~26500	2.38	-41.07	≤-17.62	PASS
2.4G	Ant1	2480	0~Reference	2.61	2.61	---	PASS
2.4G	Ant1	2480	30~1000	2.61	-58.64	≤-17.39	PASS
2.4G	Ant1	2480	1000~26500	2.61	-31.07	≤-17.39	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

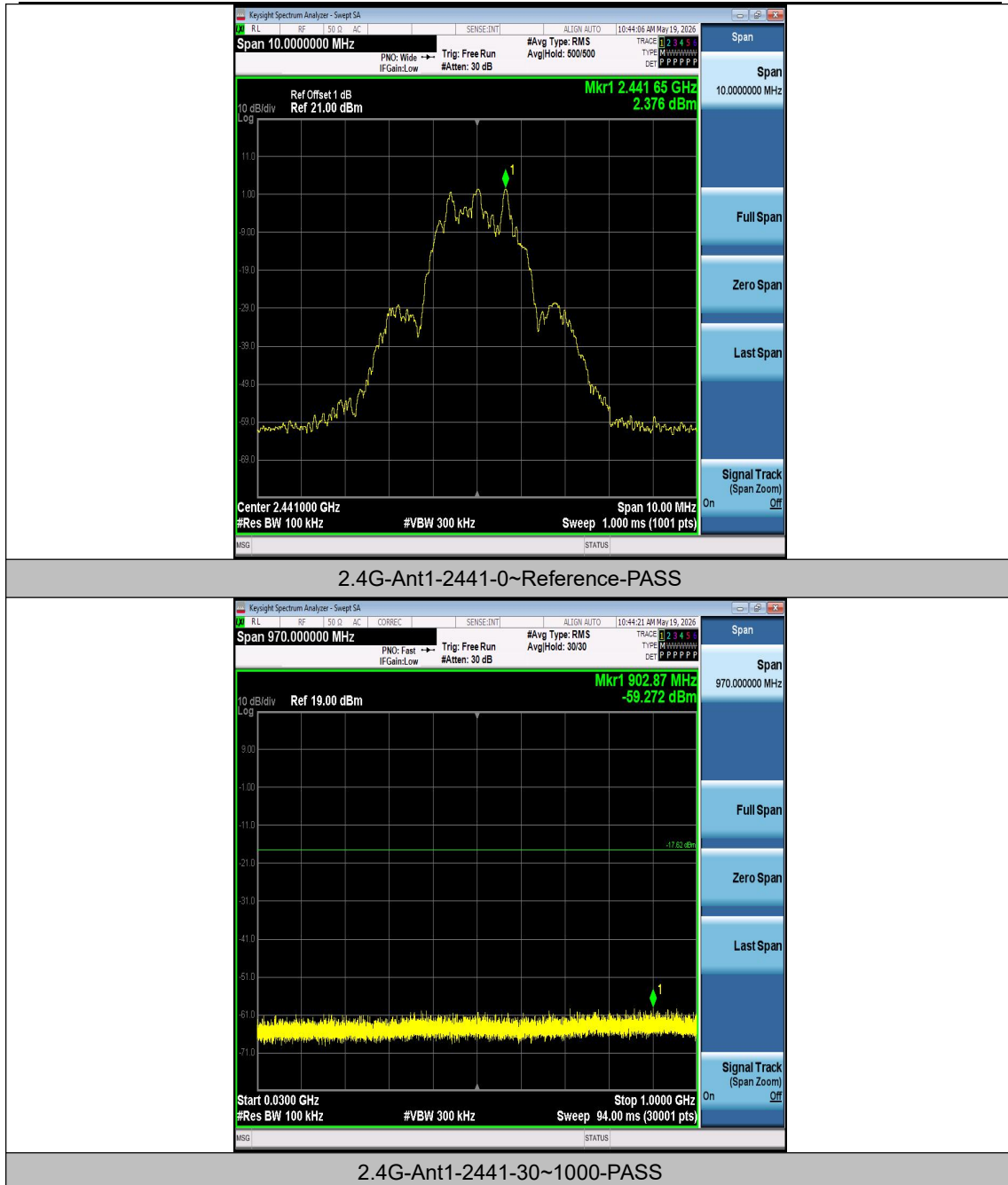




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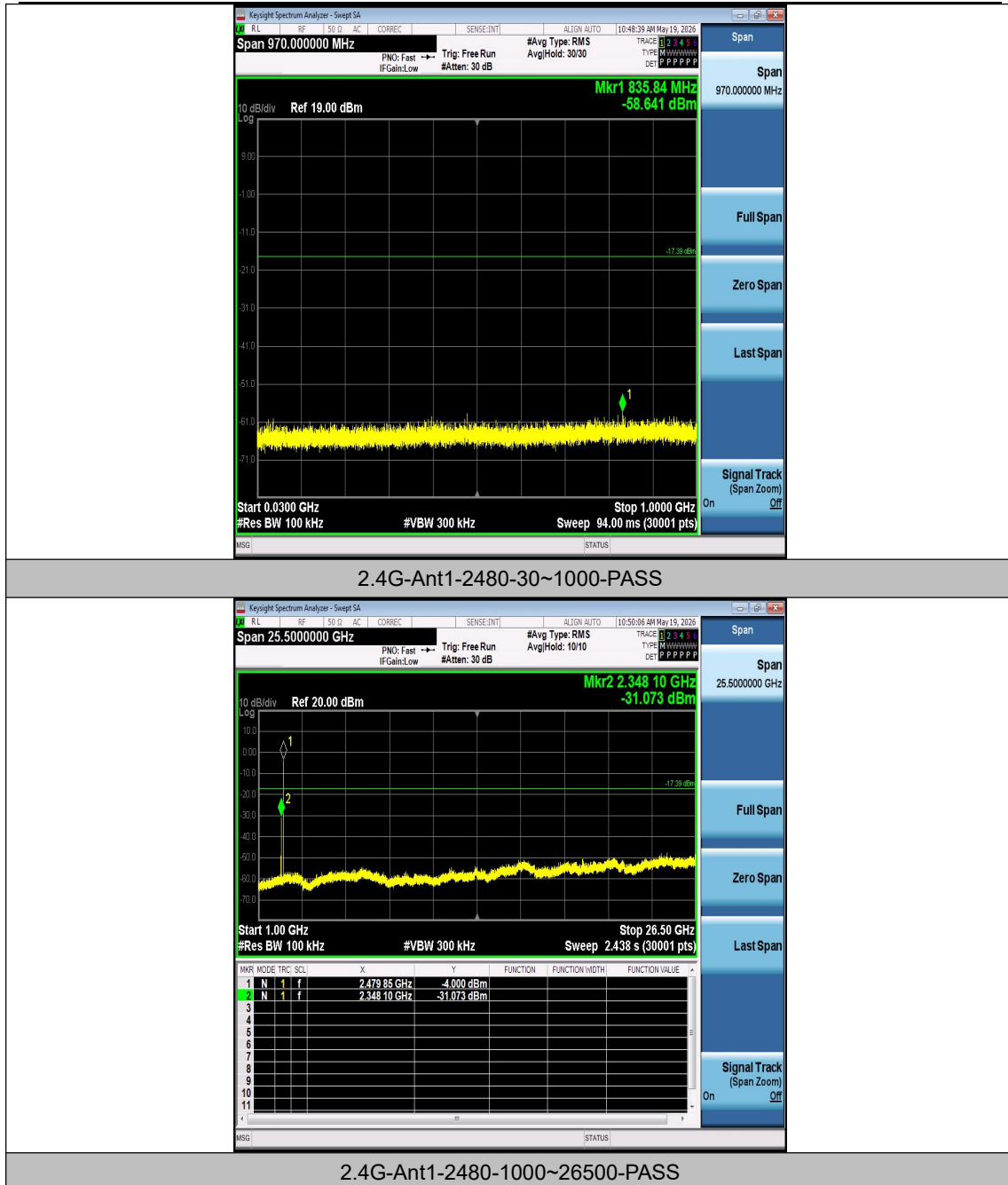
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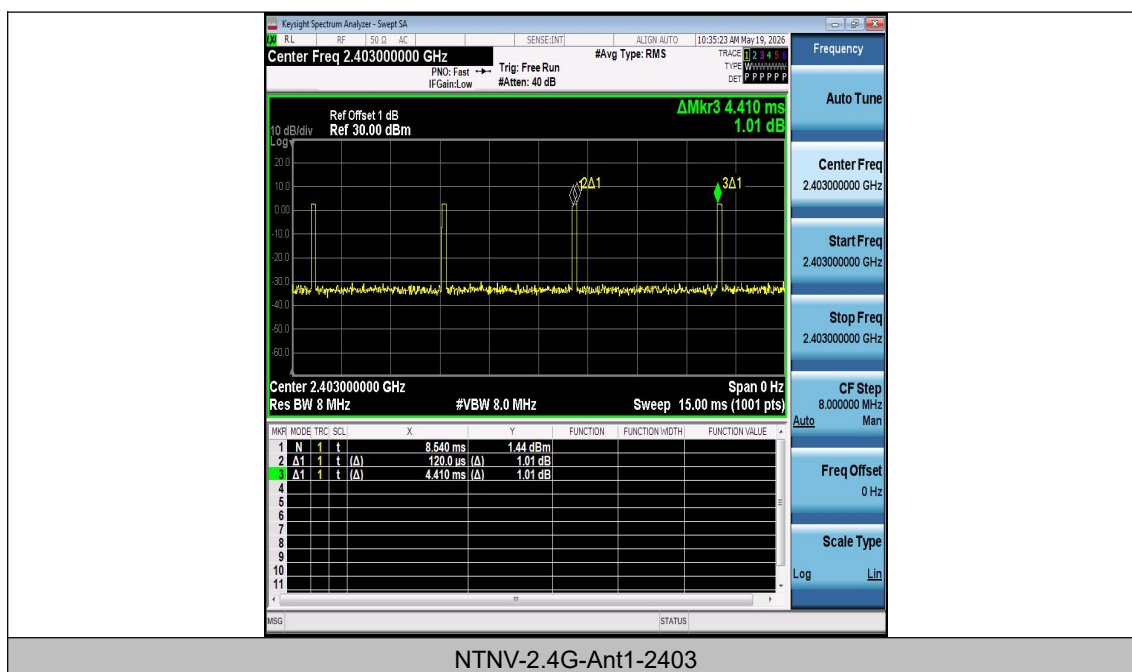


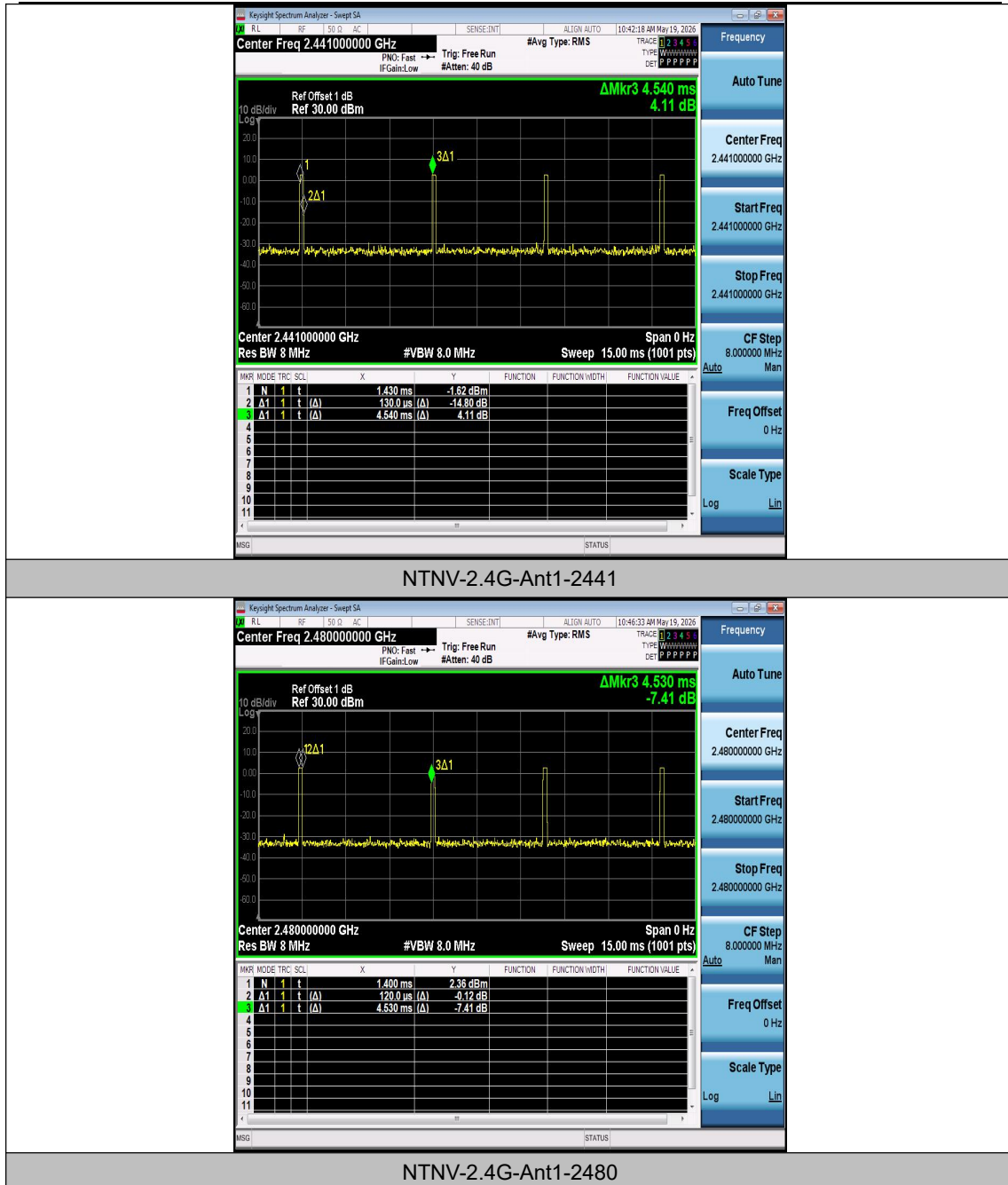
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.41	2.72	15.65
2.4G	Ant1	2441	0.13	4.54	2.86	15.44
2.4G	Ant1	2480	0.12	4.53	2.65	15.77

Test Graphs





---End---