

Appendix Test Data

Report No.:	1812C60432012502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-31	Finish Test Date:	2026-8-5
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	72%
Pressure:	99.8kPa		

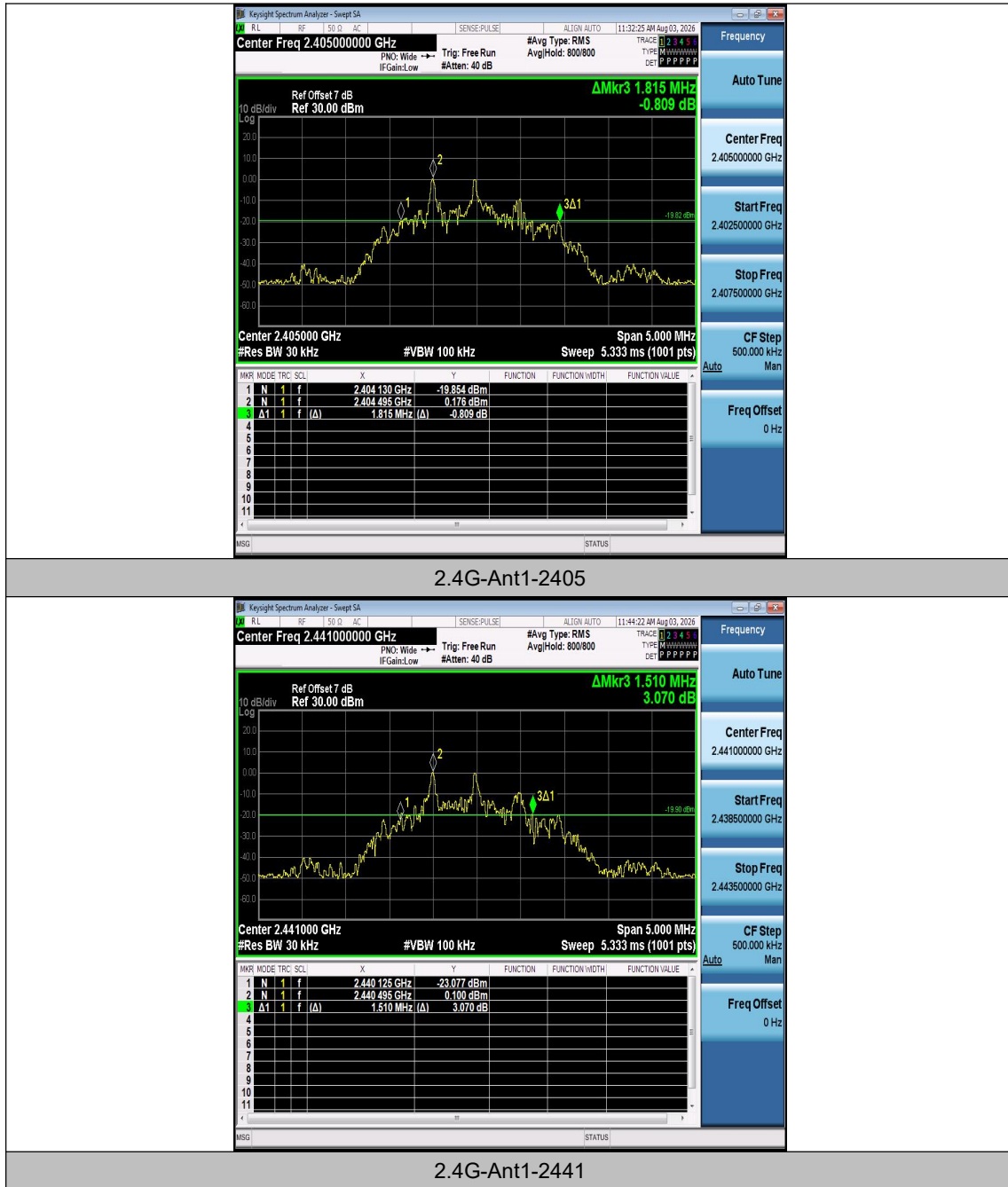


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.815	2404.130	2405.945	---	---
2.4G	Ant1	2441	1.510	2440.125	2441.635	---	---
2.4G	Ant1	2475	1.385	2474.285	2475.670	---	---

Test Graphs



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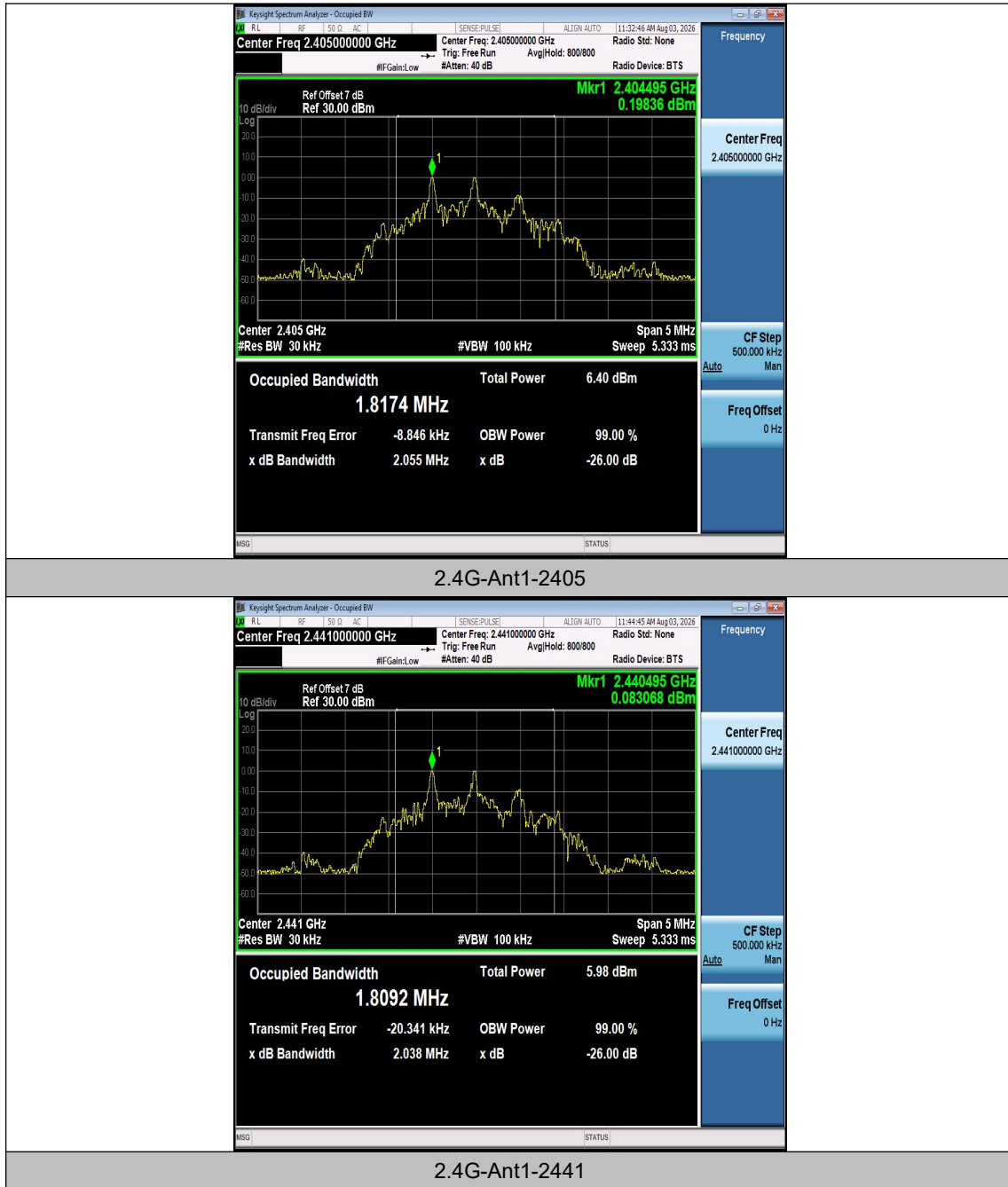
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.8174	2404.0825	2405.8999	---	---
2.4G	Ant1	2441	1.8092	2440.0751	2441.8843	---	---
2.4G	Ant1	2475	1.8037	2474.0944	2475.8981	---	---

Test Graphs



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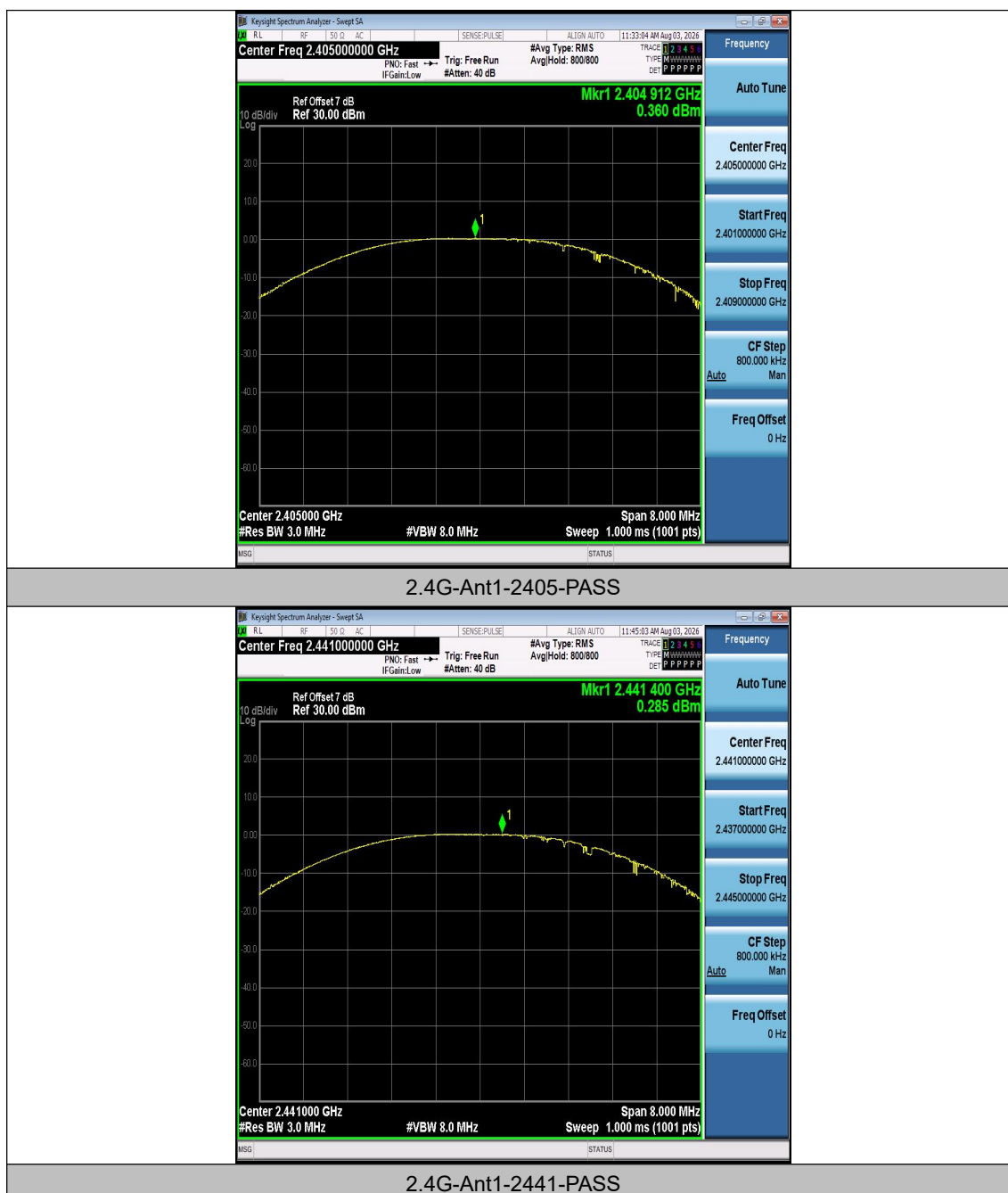
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	0.36	≤20.97	PASS
2.4G	Ant1	2441	0.29	≤20.97	PASS
2.4G	Ant1	2475	0.33	≤20.97	PASS

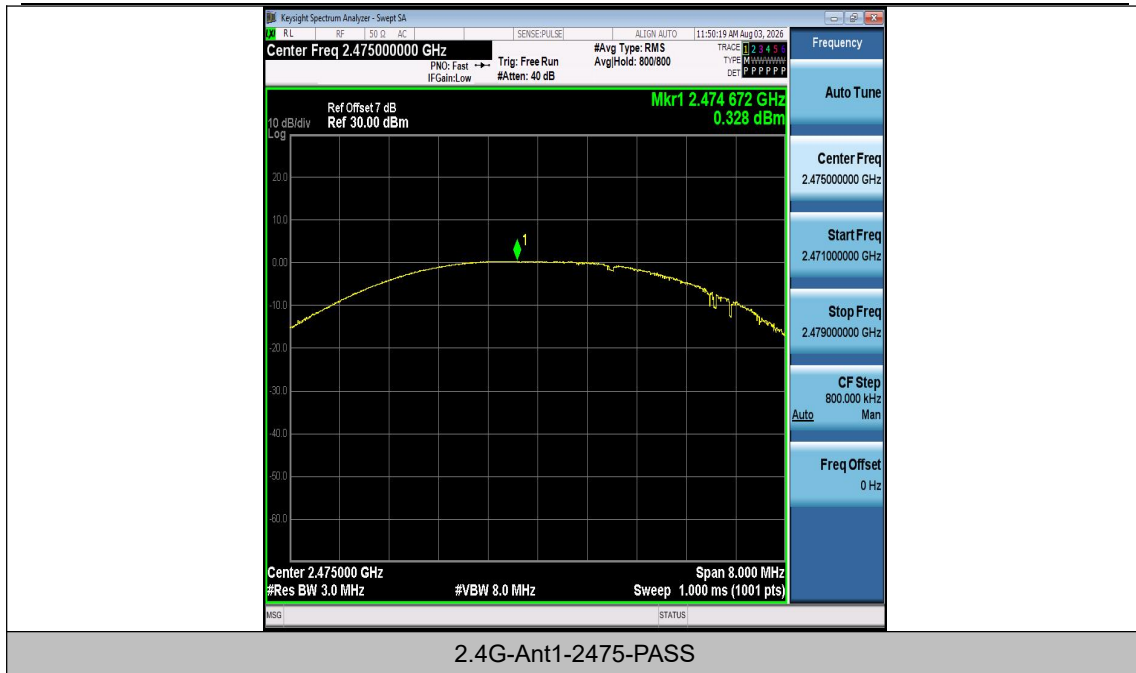
Test Graphs



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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	≥1.210	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.

Test Graphs



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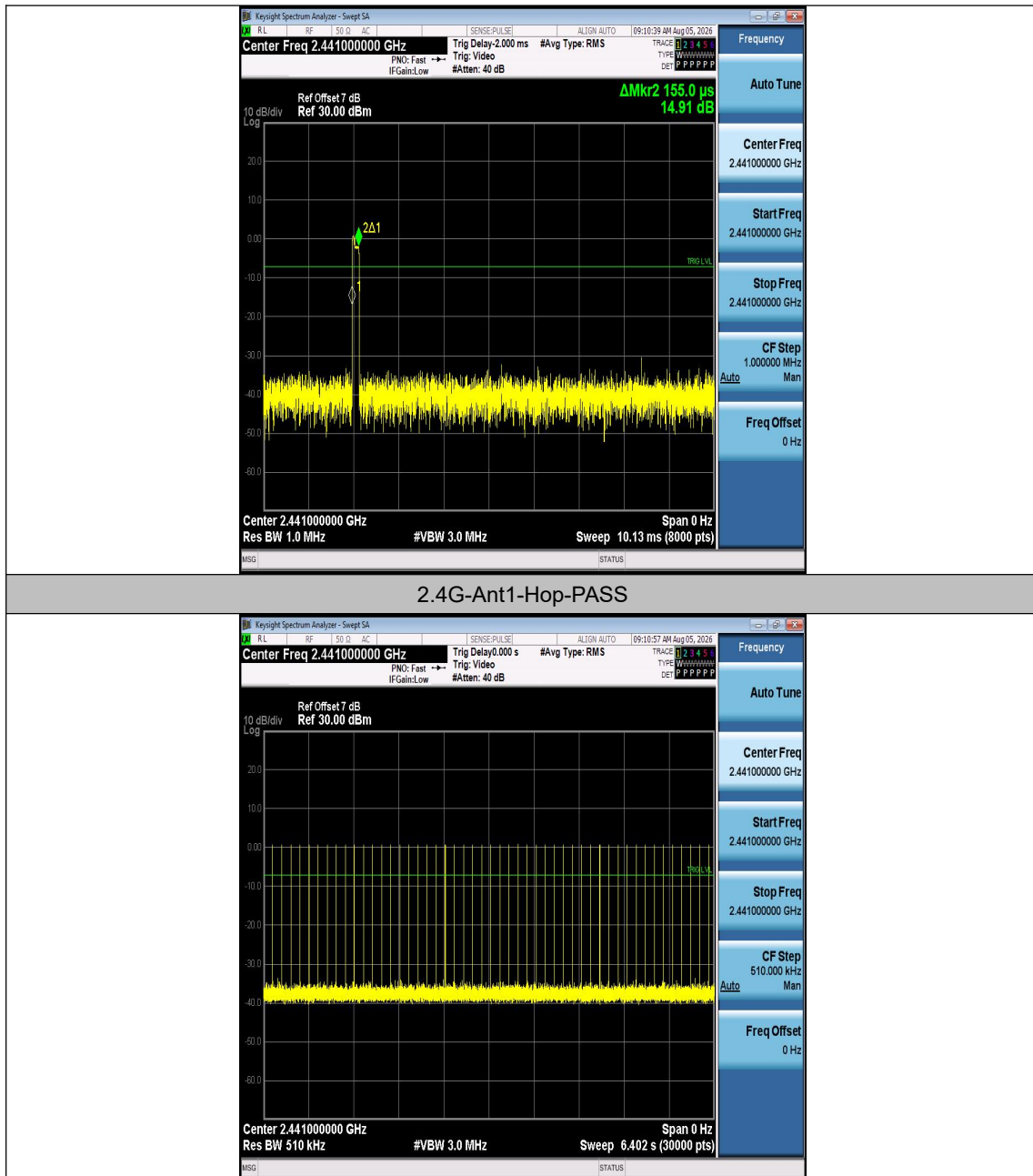
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.155	241.9375	0.038	≤0.4	PASS

Test Graphs



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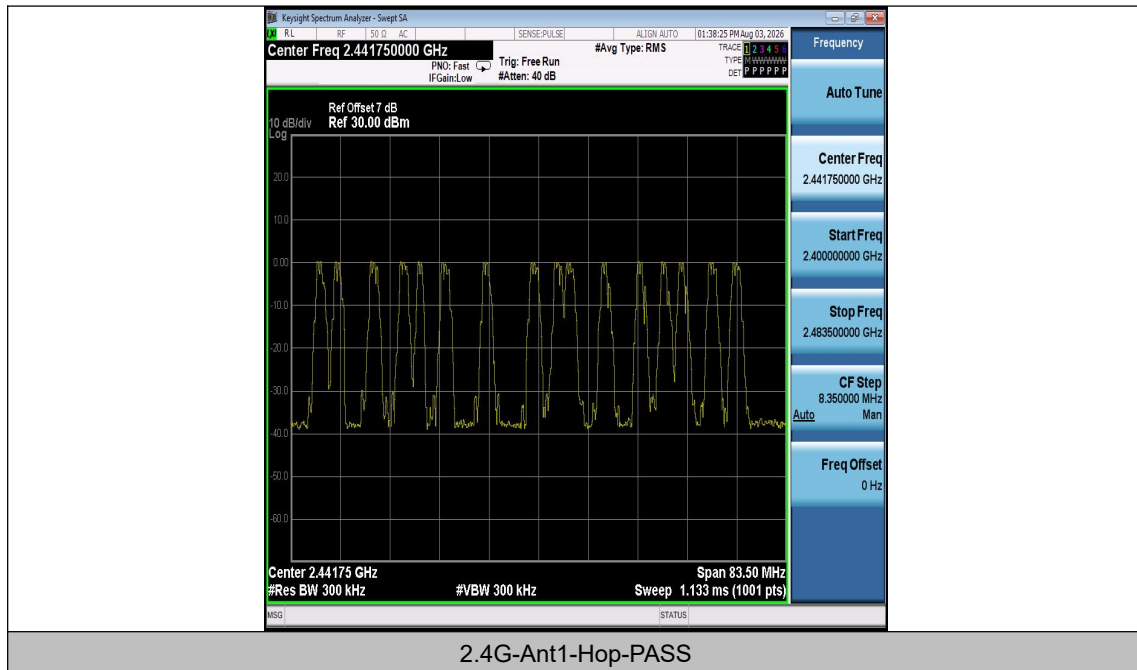
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



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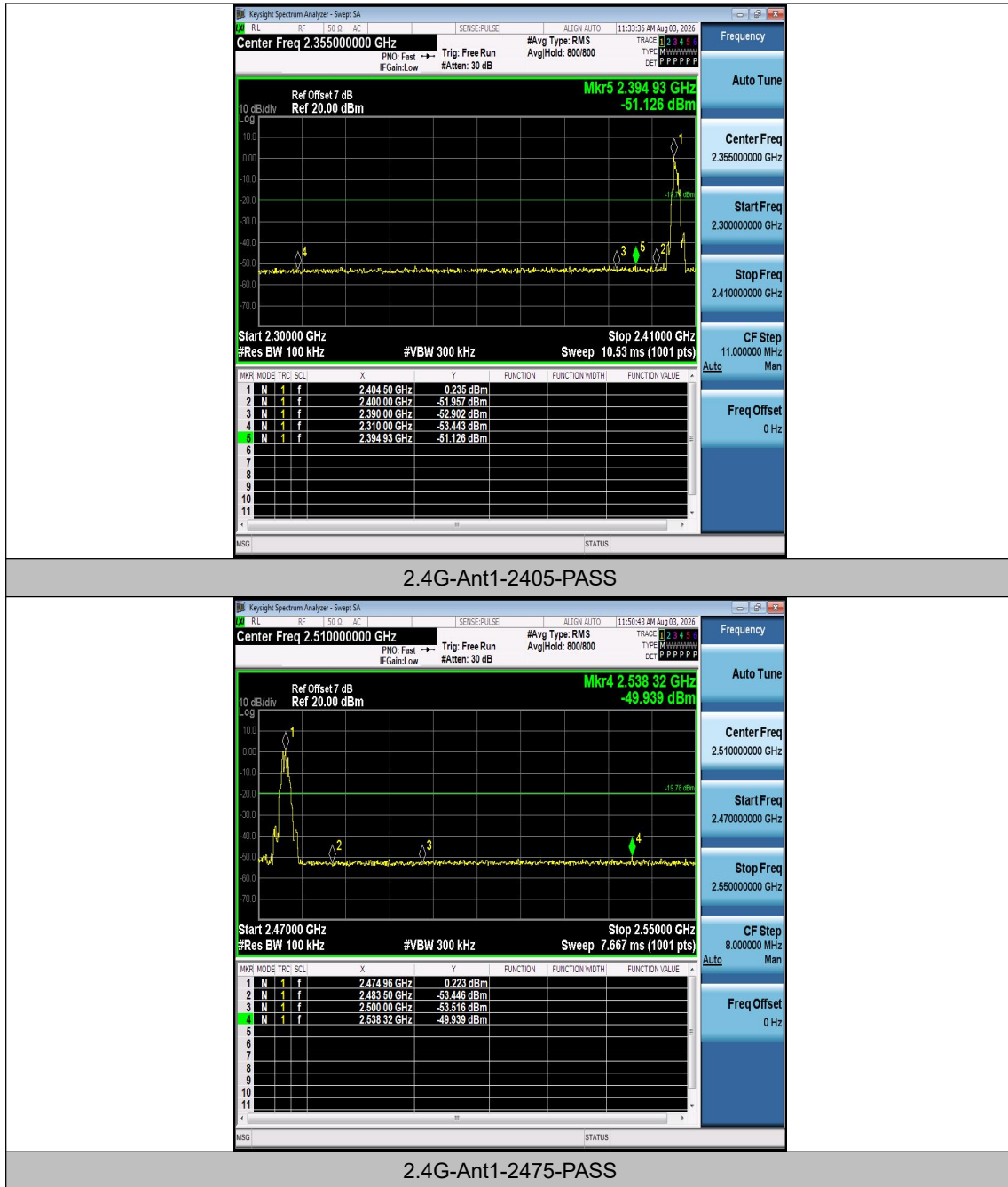
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	0.24	-51.13	≤ -19.77	PASS
2.4G	Ant1	High	2475	0.22	-49.94	≤ -19.78	PASS
2.4G	Ant1	Low	Hop	0.30	-50.64	≤ -19.7	PASS
2.4G	Ant1	High	Hop	0.12	-49.24	≤ -19.88	PASS

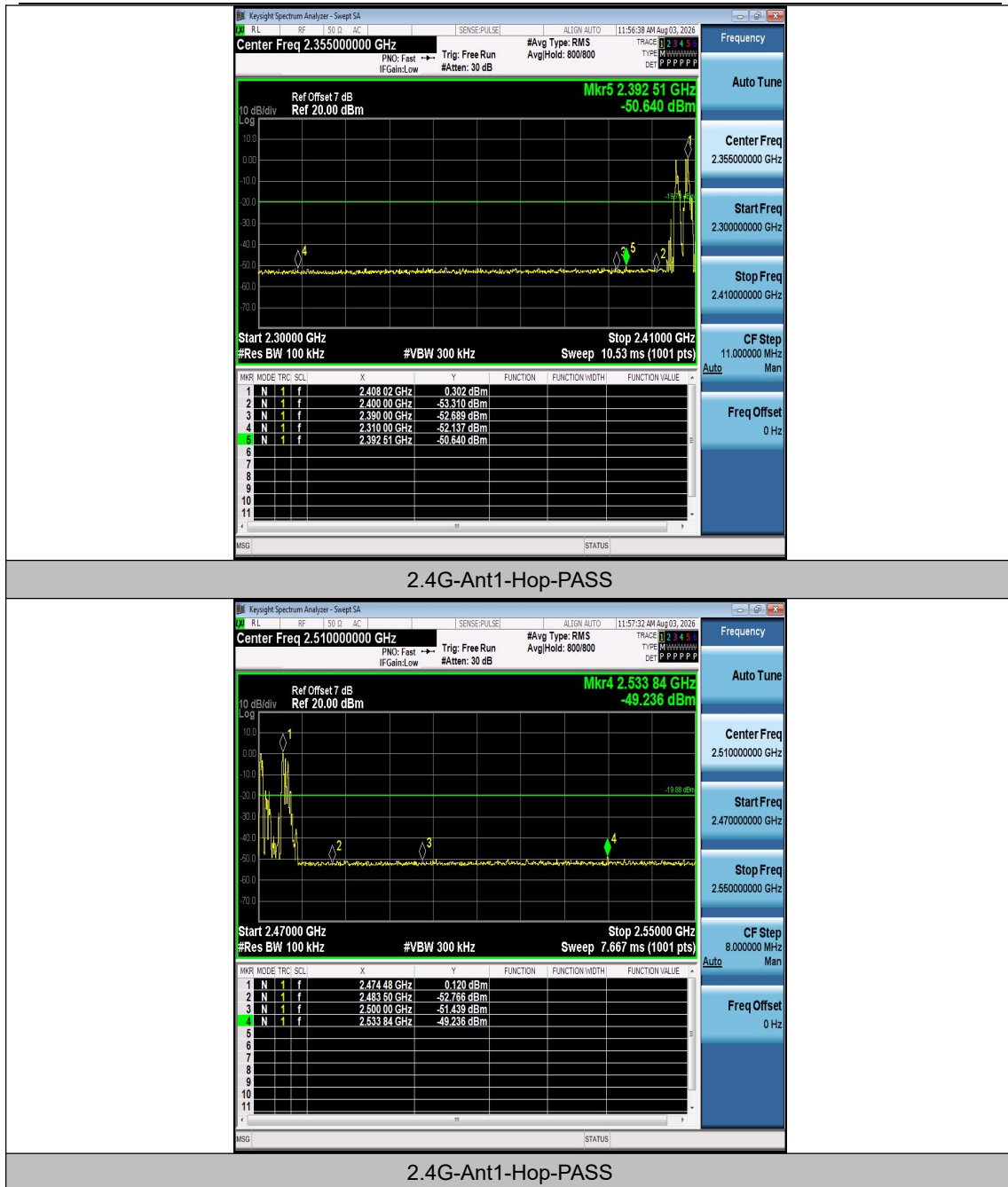
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Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	0.19	0.19	---	PASS
2.4G	Ant1	2405	30~1000	0.19	-52.09	≤-19.81	PASS
2.4G	Ant1	2405	1000~26500	0.19	-36.59	≤-19.81	PASS
2.4G	Ant1	2441	0~Reference	0.07	0.07	---	PASS
2.4G	Ant1	2441	30~1000	0.07	-52.82	≤-19.93	PASS
2.4G	Ant1	2441	1000~26500	0.07	-36.64	≤-19.93	PASS
2.4G	Ant1	2475	0~Reference	0.13	0.13	---	PASS
2.4G	Ant1	2475	30~1000	0.13	-52.26	≤-19.87	PASS
2.4G	Ant1	2475	1000~26500	0.13	-36.25	≤-19.87	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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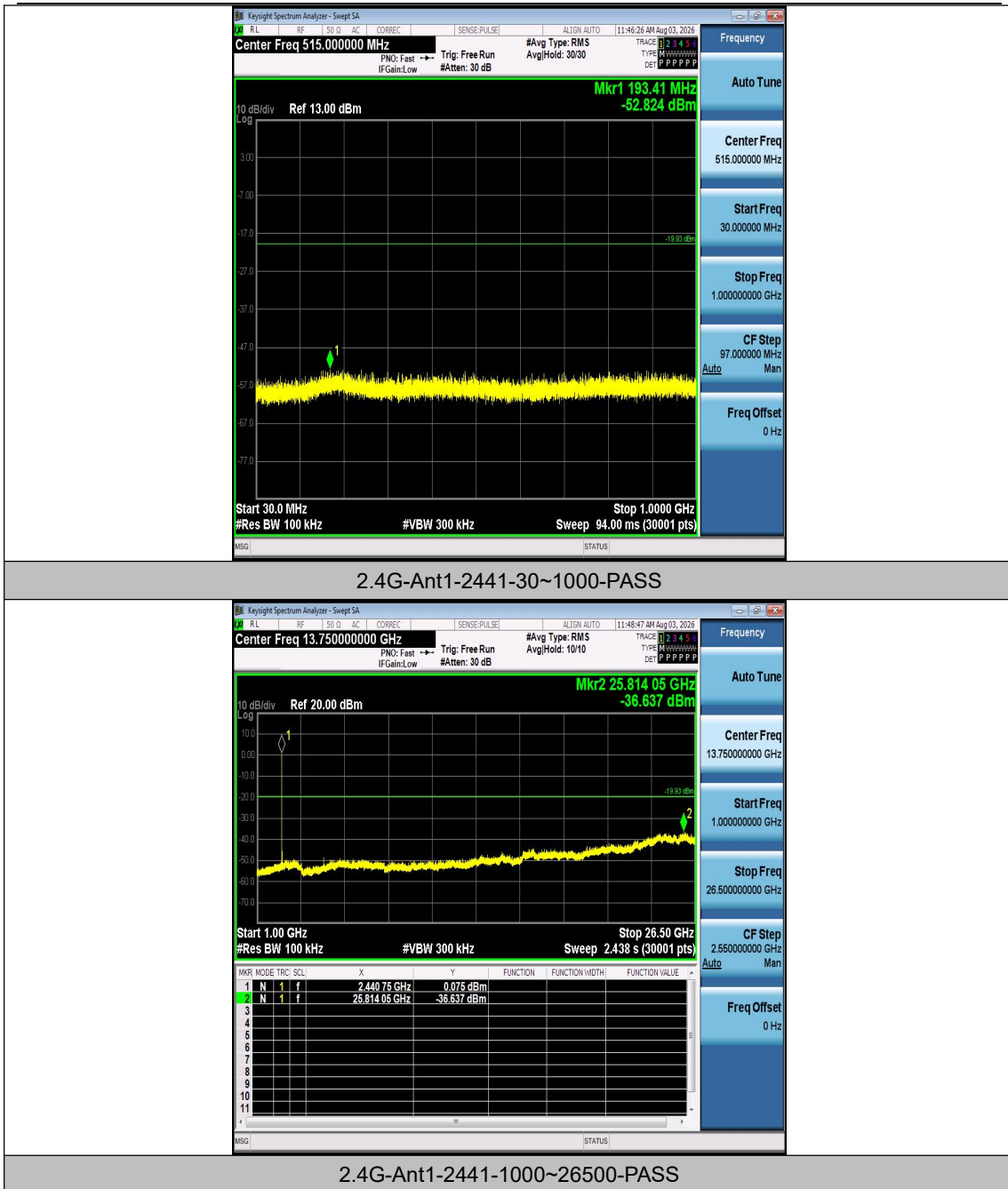
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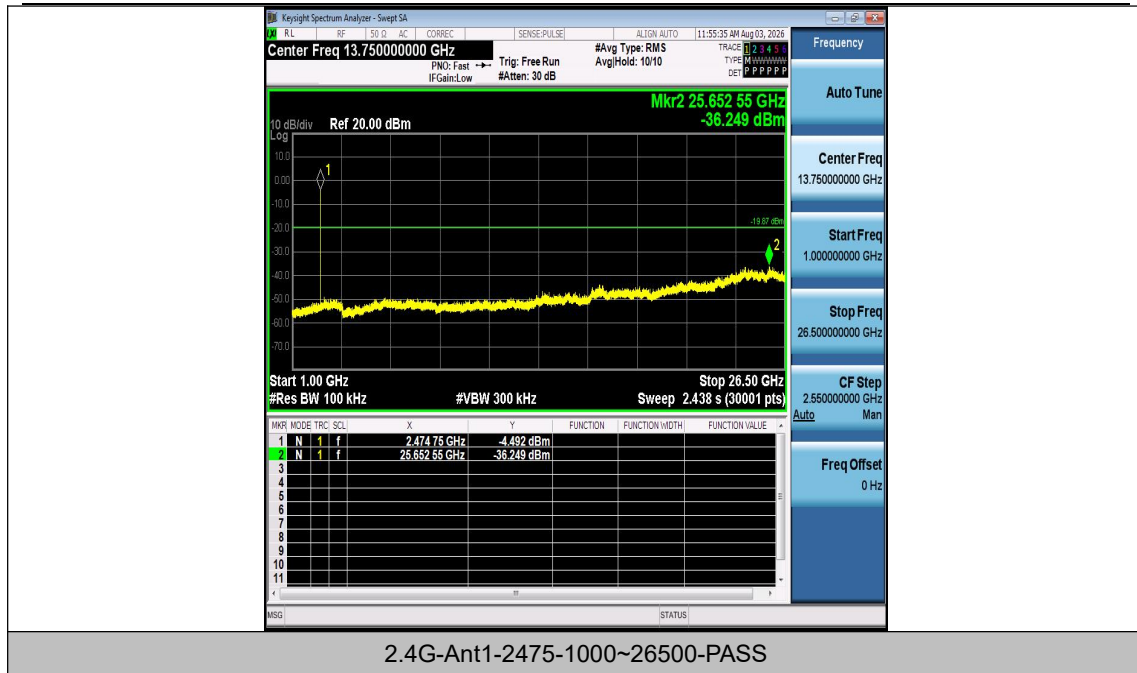
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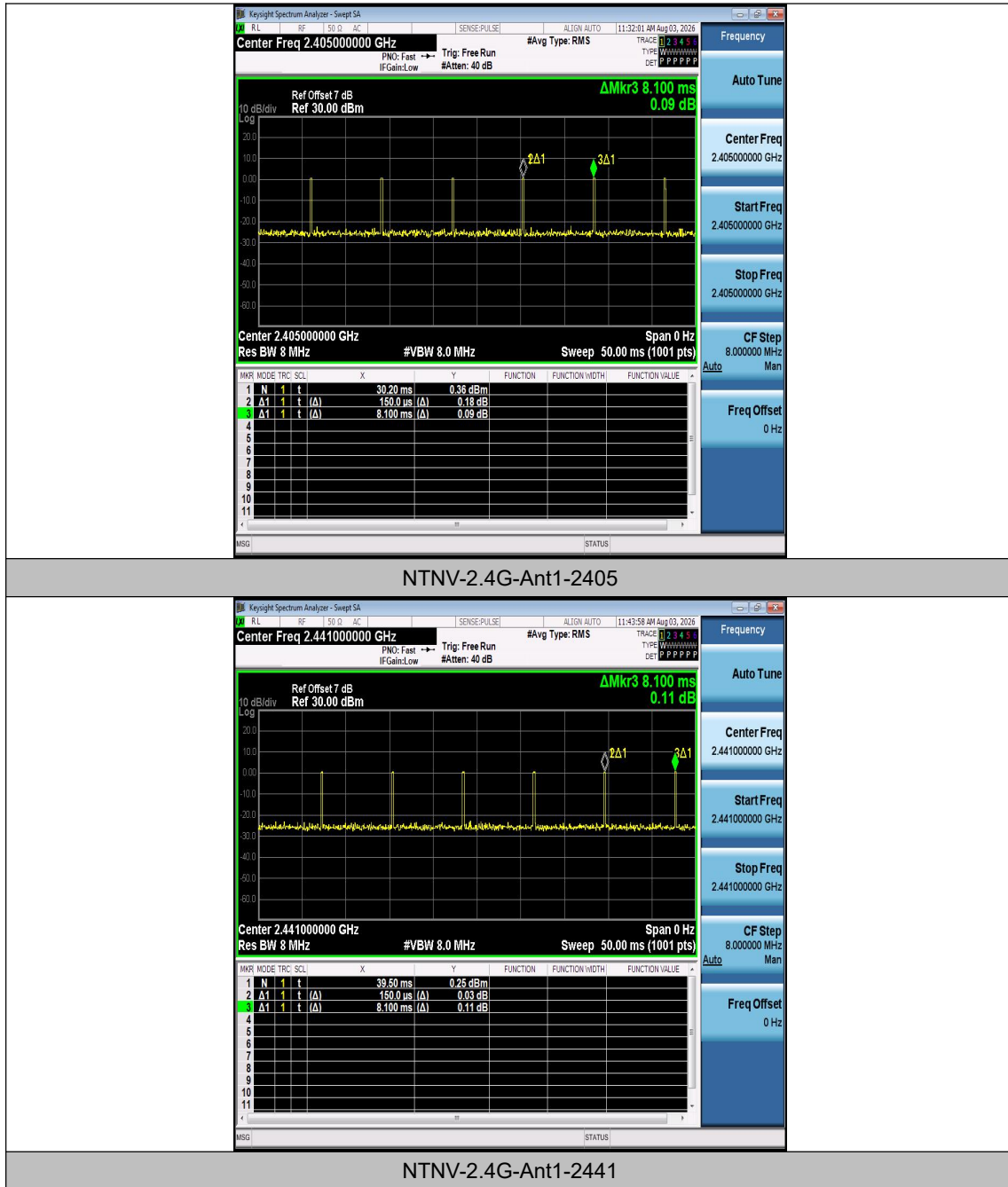
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	0.15	8.10	1.85	17.33
2.4G	Ant1	2441	0.15	8.10	1.85	17.33
2.4G	Ant1	2475	0.15	8.00	1.88	17.26

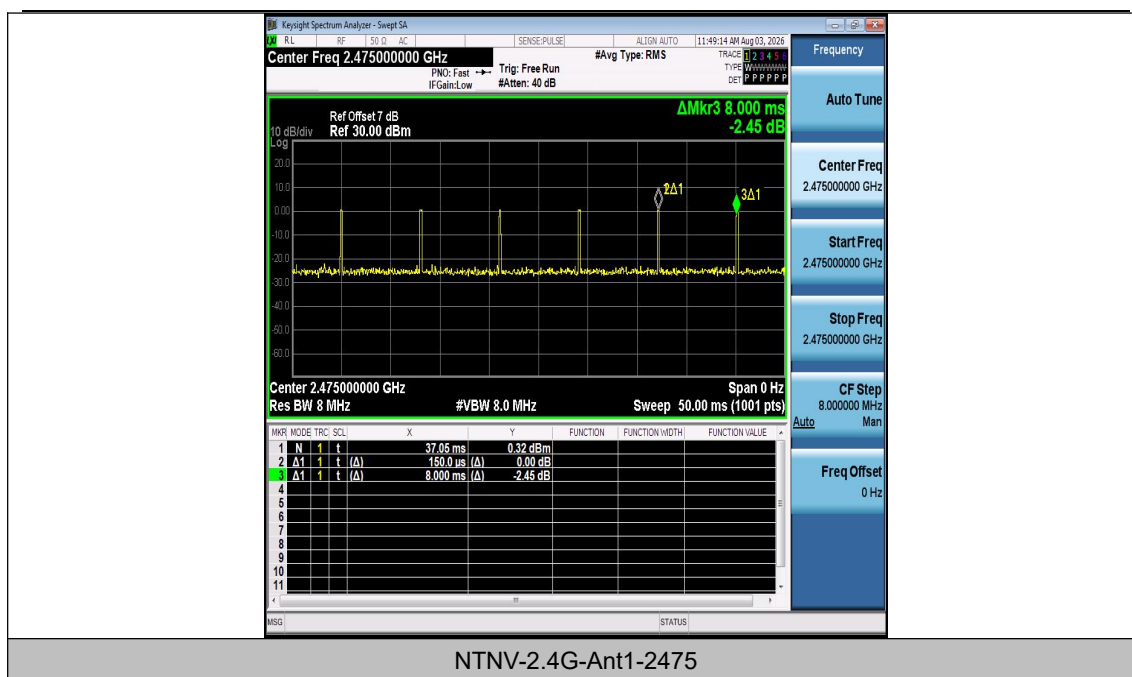
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