

Appendix Test Data

Report No.:	1812C60328712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-16	Finish Test Date:	2026-7-3
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.2°C	Relative Humidity:	73%
Pressure:	101kPa		



Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.768	2401.604	2402.372	0.5	PASS
2.4G	Ant1	2440	0.776	2439.660	2440.436	0.5	PASS
2.4G	Ant1	2480	0.788	2479.564	2480.352	0.5	PASS

Test Graphs





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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	2402	0.82156	2401.6102	2402.4318	---	---
2.4G	Ant1	2440	0.85799	2439.5780	2440.4360	---	---
2.4G	Ant1	2480	0.82224	2479.6113	2480.4336	---	---

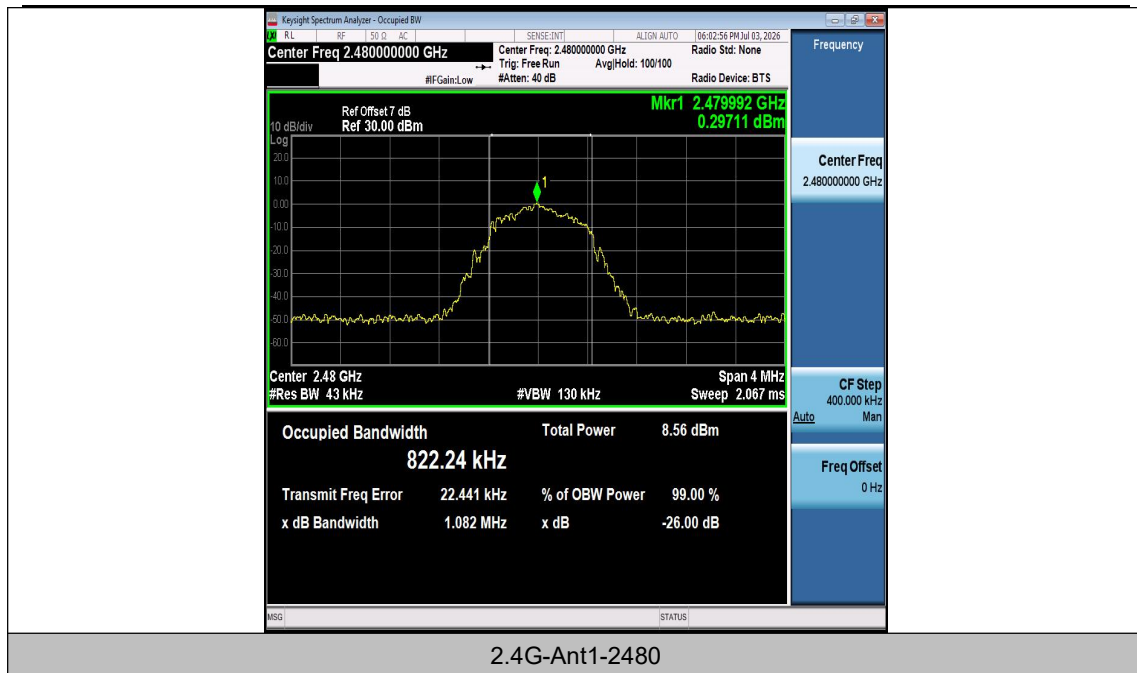
Test Graphs



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2.4G-Ant1-2480

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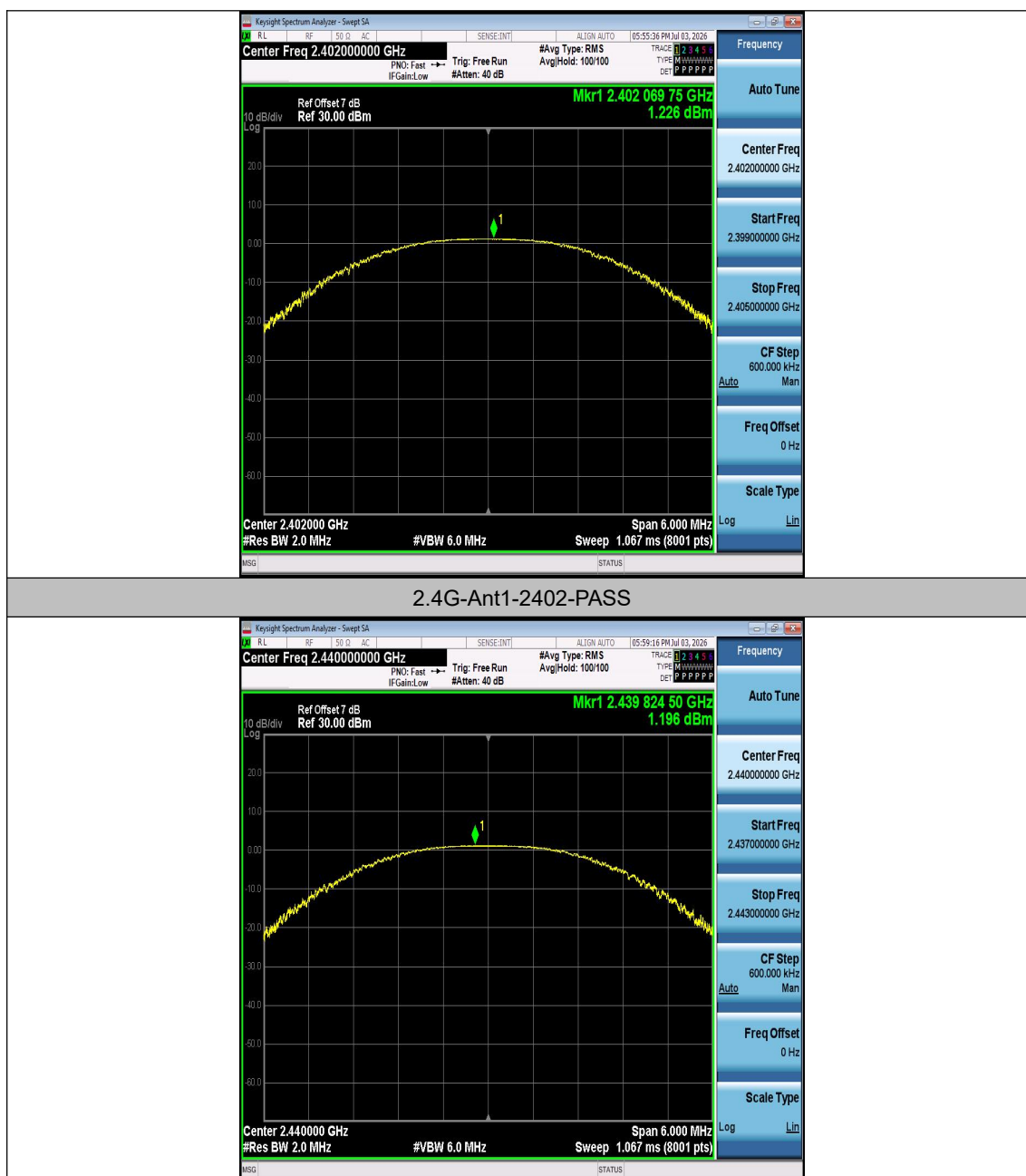
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	1.23	≤30	PASS
2.4G	Ant1	2440	1.20	≤30	PASS
2.4G	Ant1	2480	1.09	≤30	PASS

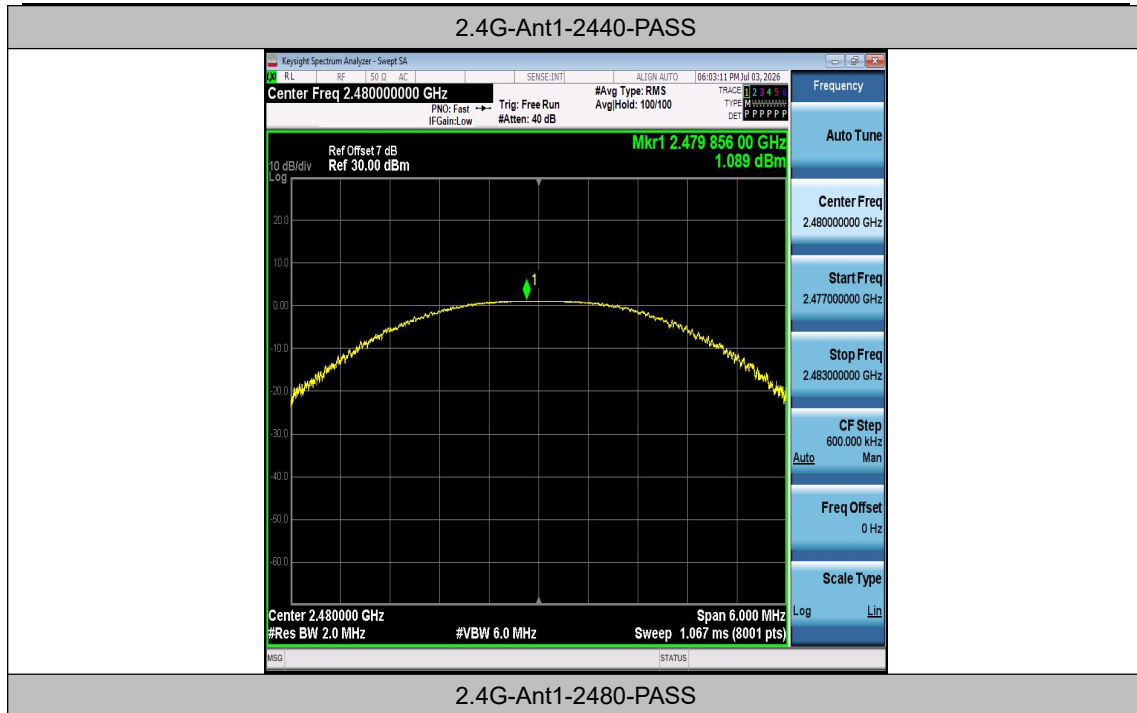
Test Graphs Peak



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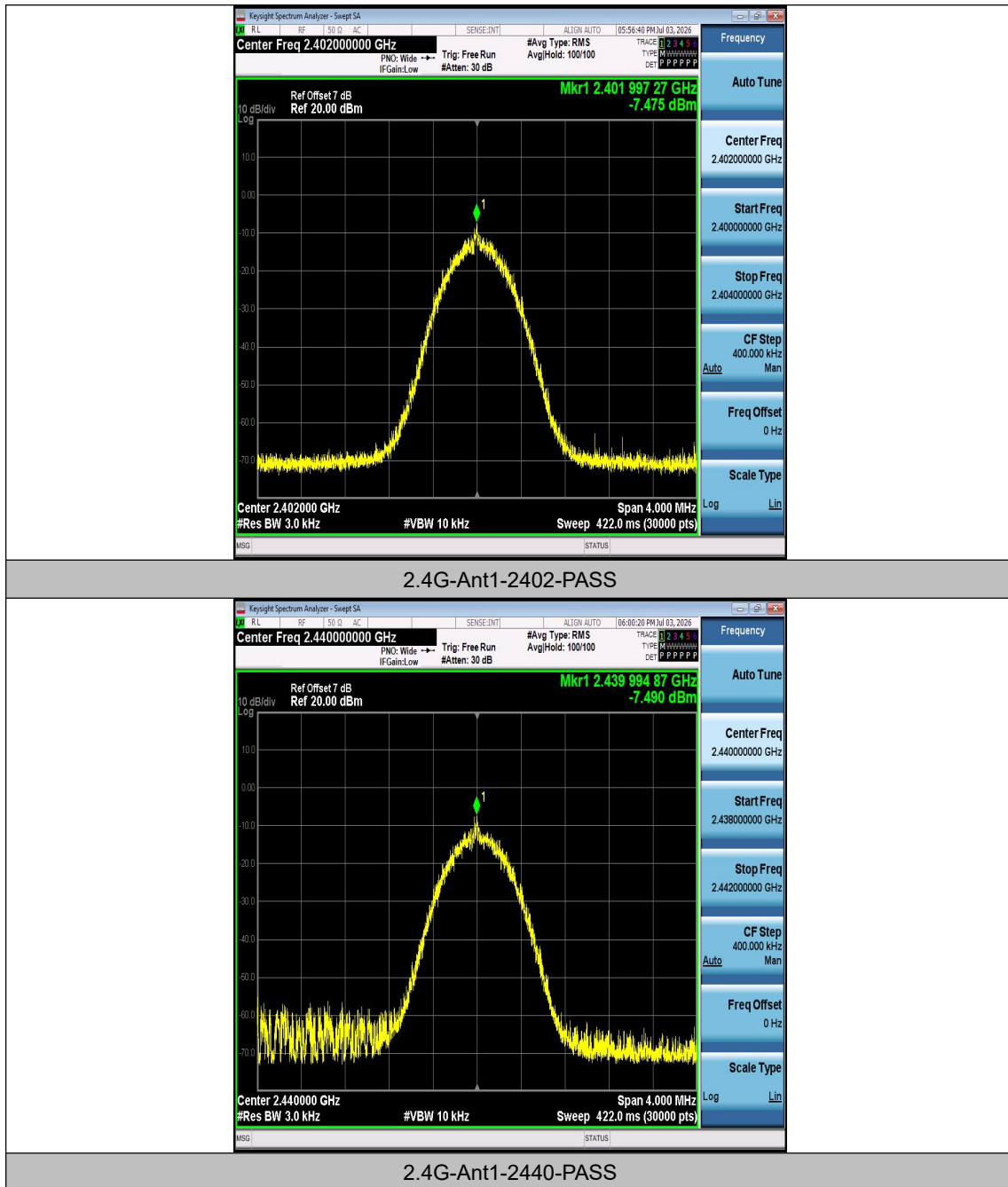
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2402	-7.48	≤8.00	PASS
2.4G	Ant1	2440	-7.49	≤8.00	PASS
2.4G	Ant1	2480	-8.66	≤8.00	PASS

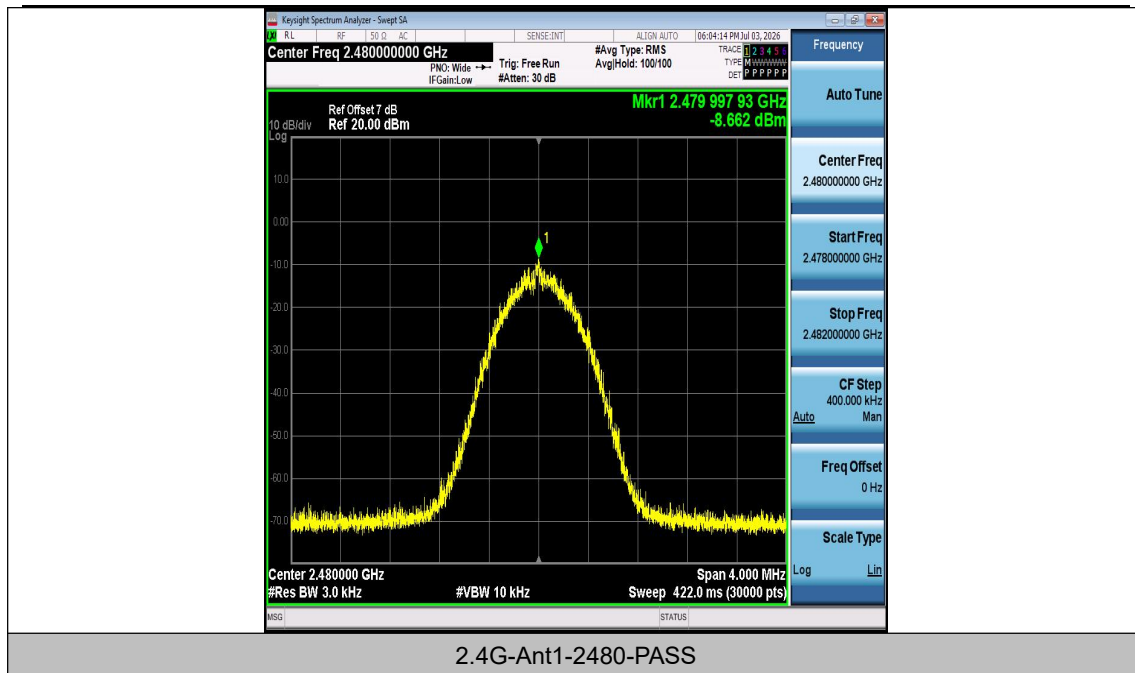
Test Graphs



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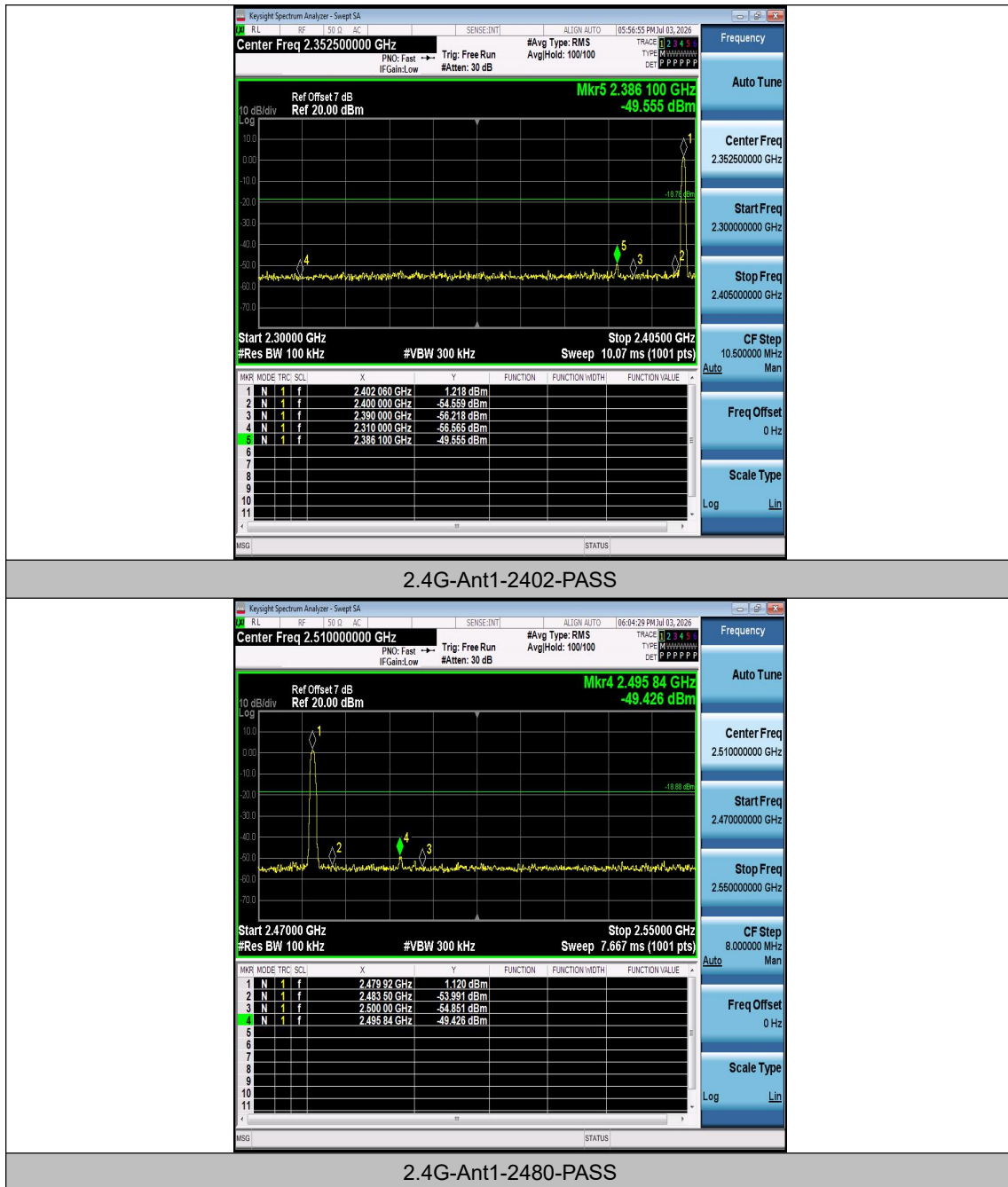
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	1.22	-49.56	≤-18.78	PASS
2.4G	Ant1	High	2480	1.12	-49.43	≤-18.88	PASS

Test Graphs



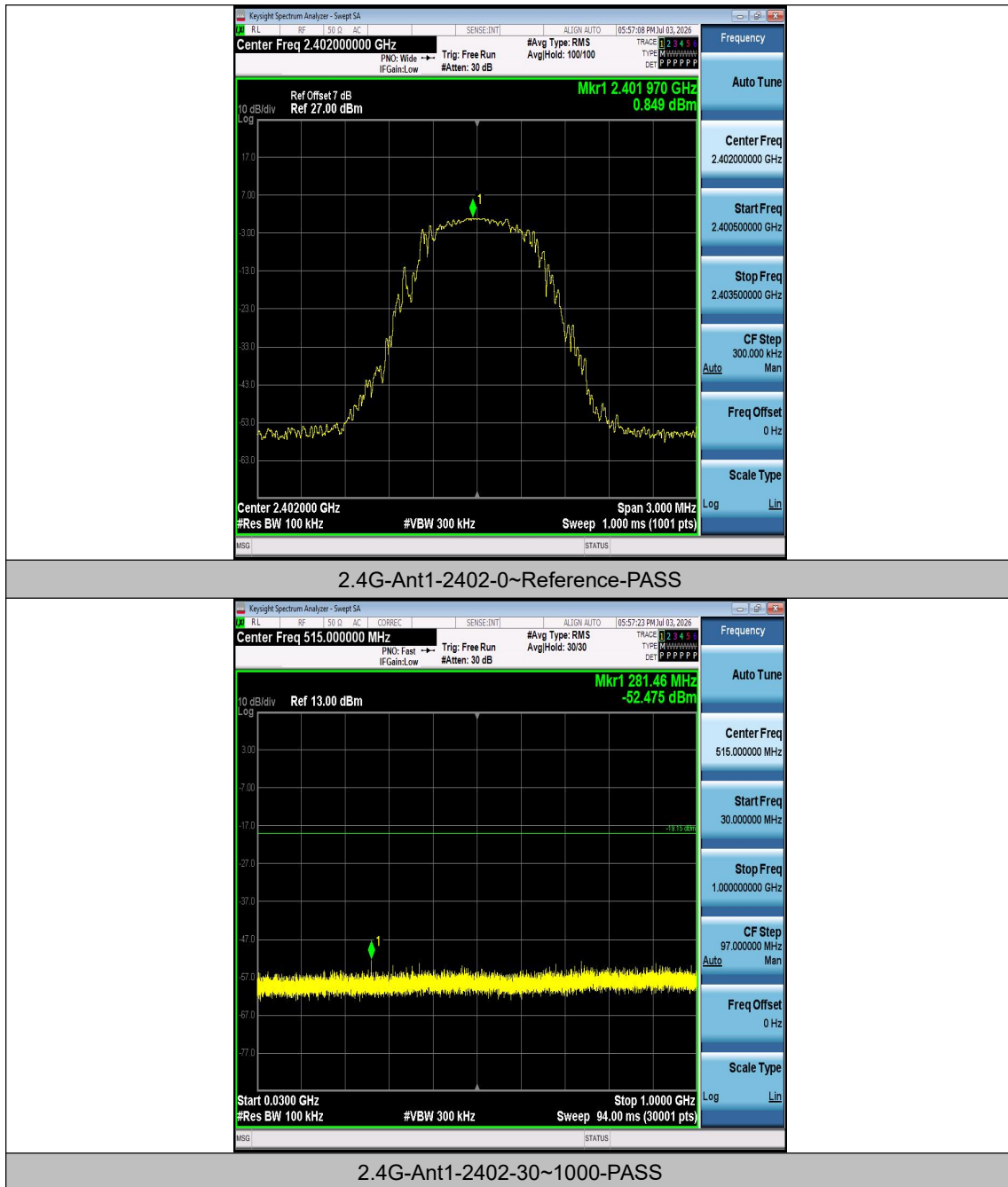
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	0.85	0.85	---	PASS
2.4G	Ant1	2402	30~1000	0.85	-52.48	≤-19.15	PASS
2.4G	Ant1	2402	1000~26500	0.85	-33.29	≤-19.15	PASS
2.4G	Ant1	2440	0~Reference	0.93	0.93	---	PASS
2.4G	Ant1	2440	30~1000	0.93	-52.71	≤-19.07	PASS
2.4G	Ant1	2440	1000~26500	0.93	-39.54	≤-19.07	PASS
2.4G	Ant1	2480	0~Reference	0.82	0.82	---	PASS
2.4G	Ant1	2480	30~1000	0.82	-52.62	≤-19.18	PASS
2.4G	Ant1	2480	1000~26500	0.82	-36.54	≤-19.18	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.

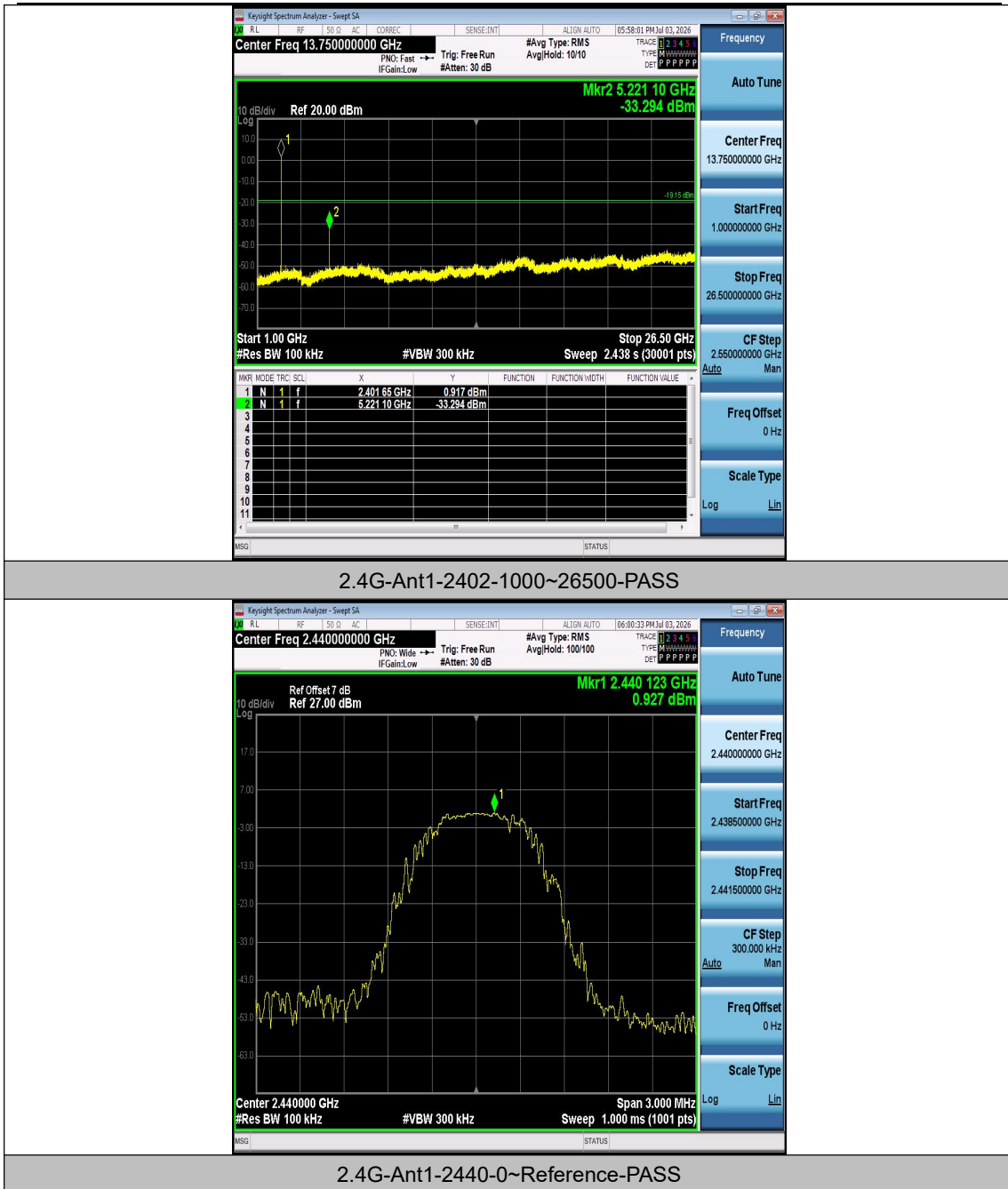
Test Graphs



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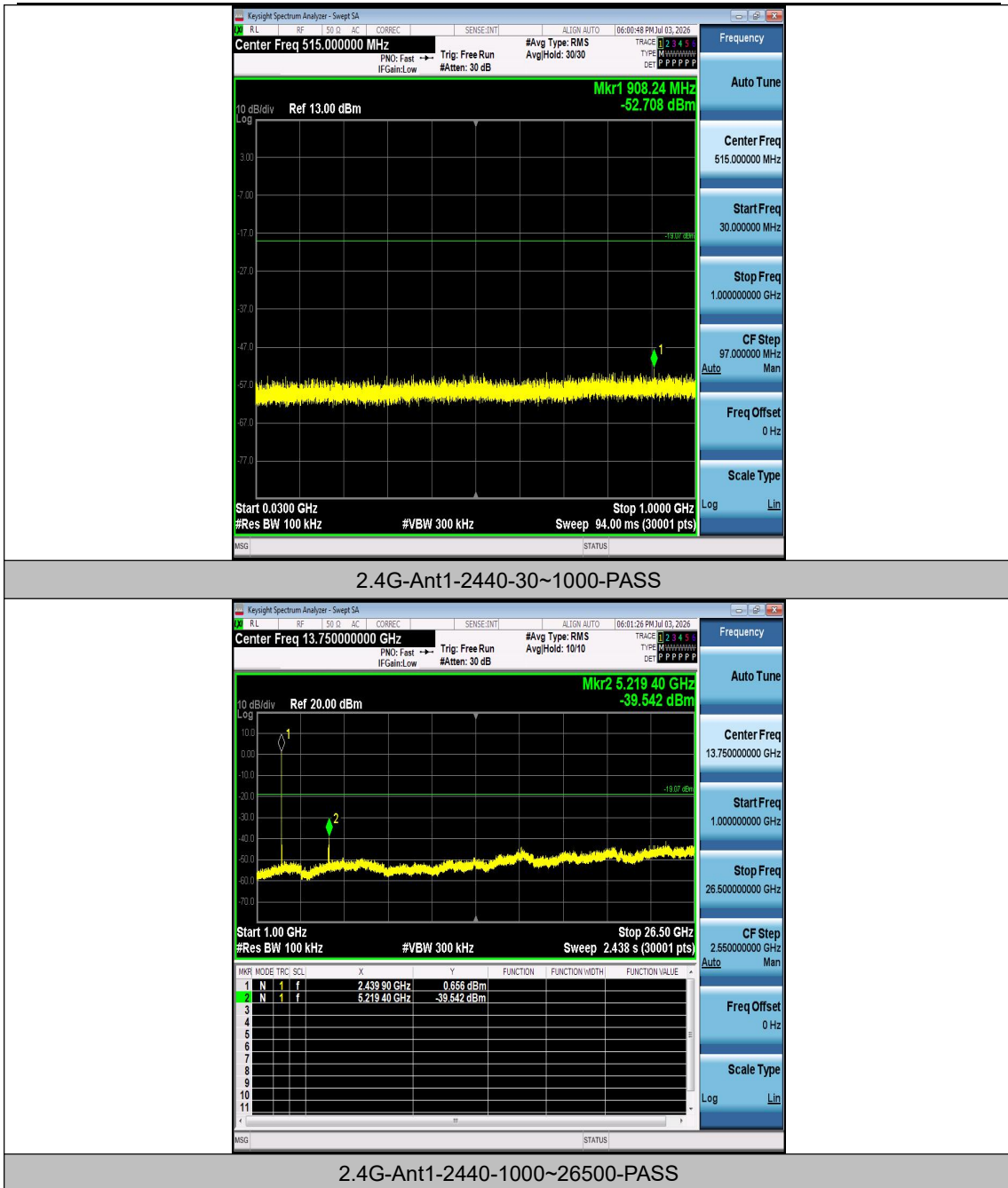
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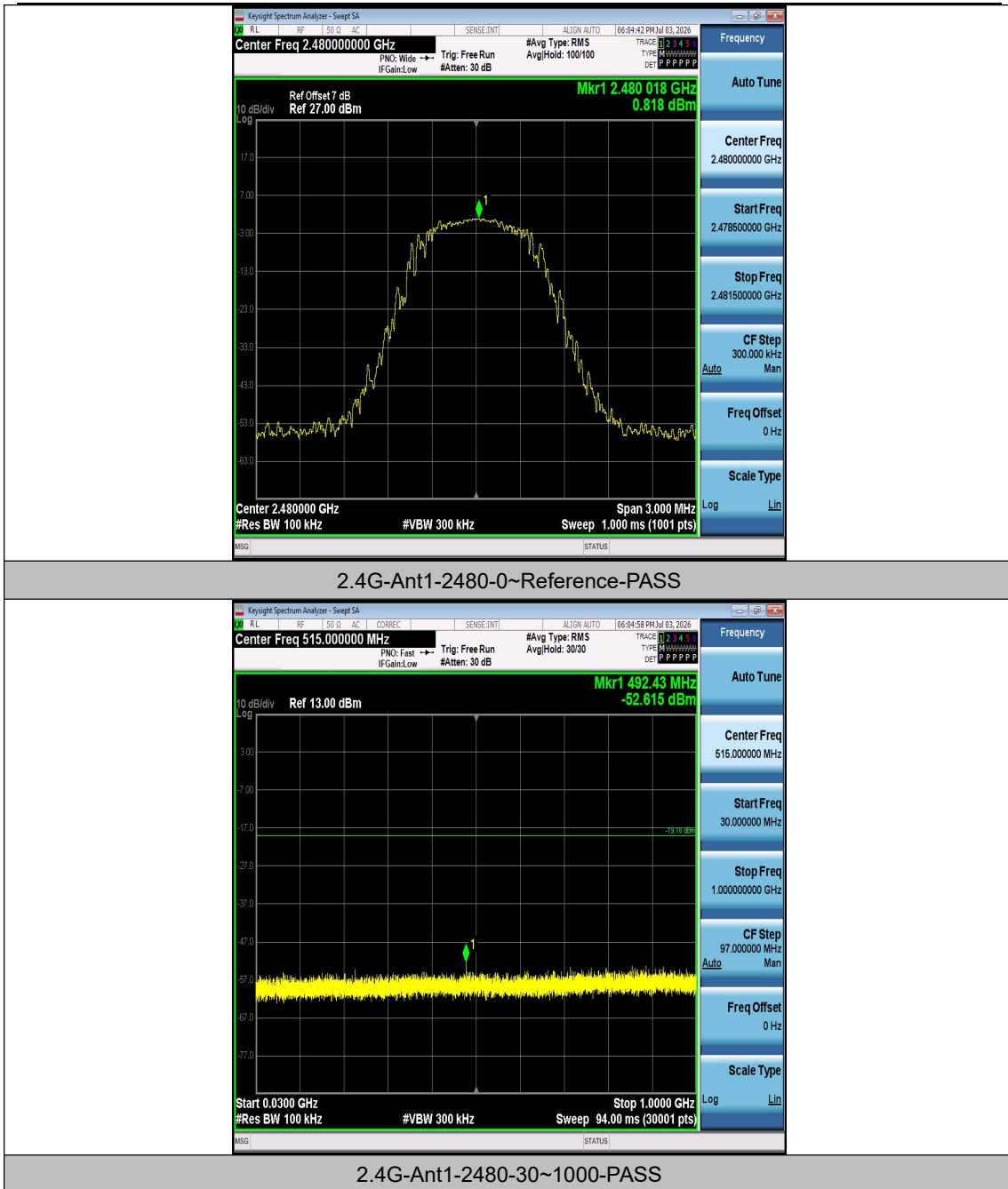
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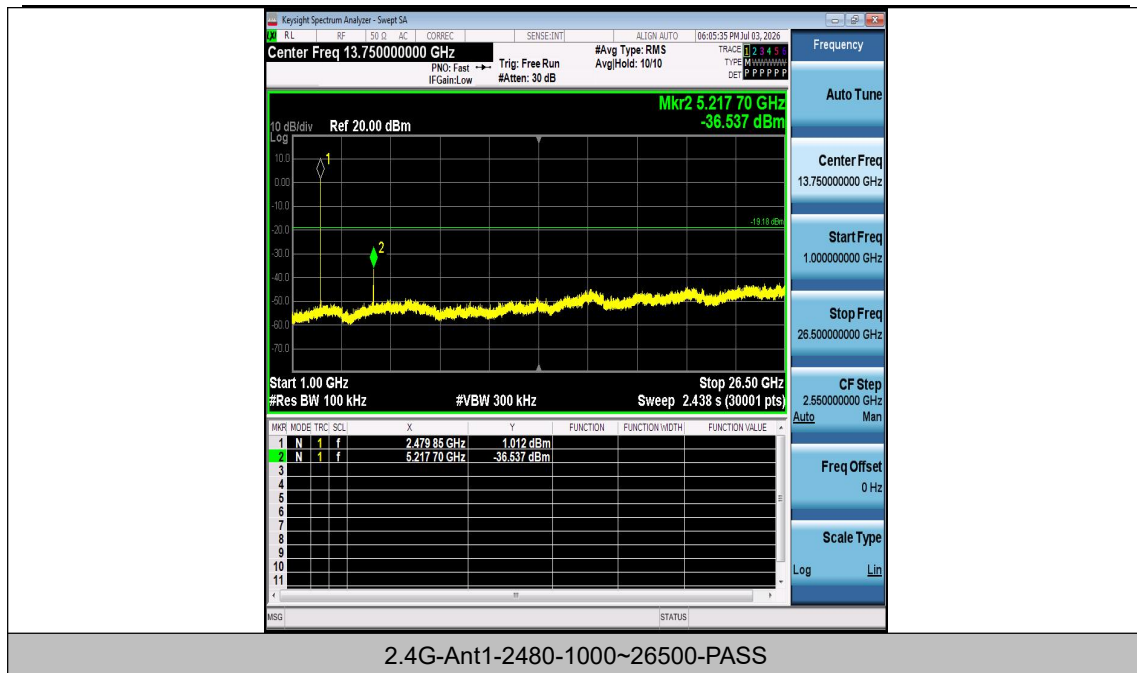
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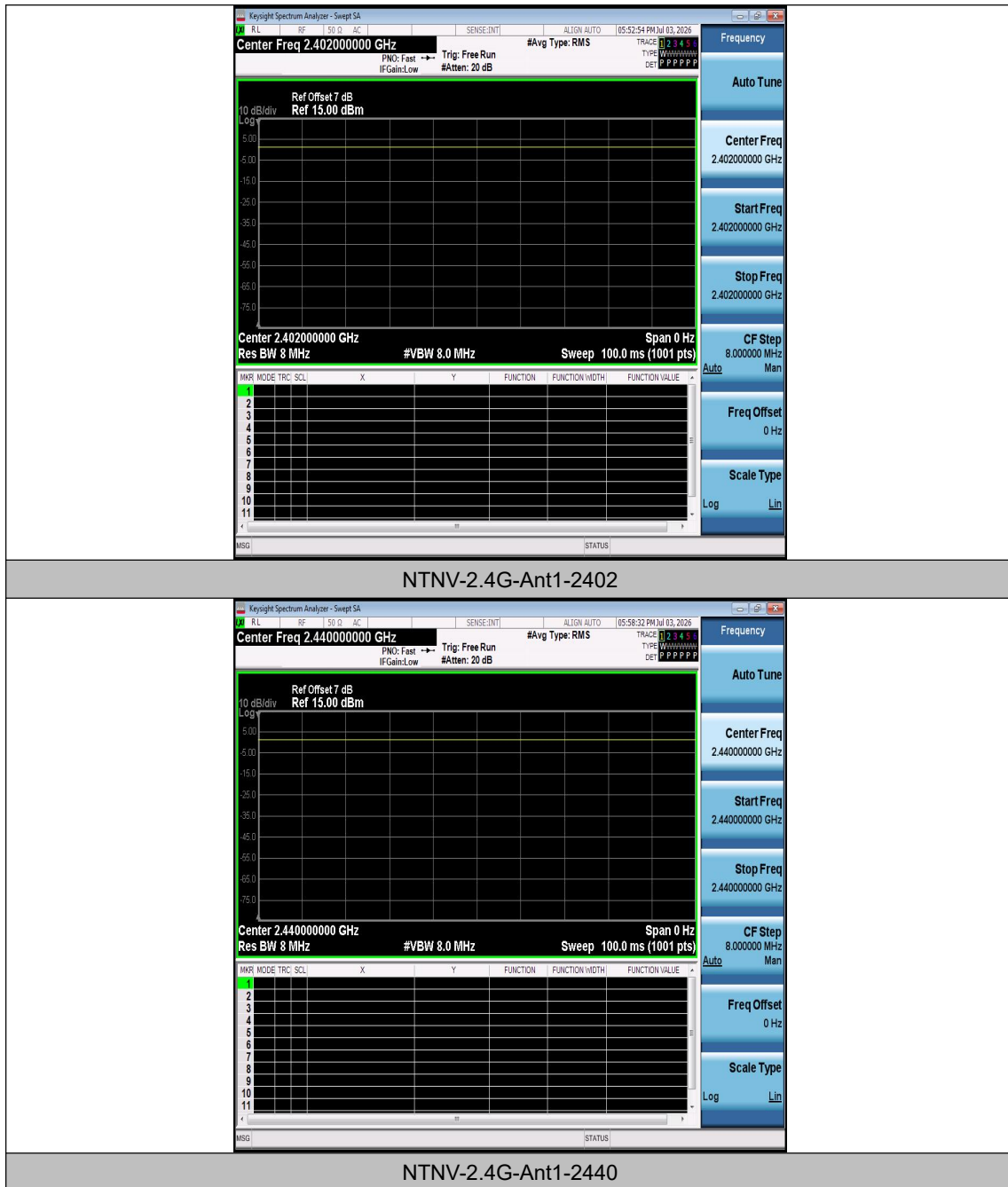
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	100.00	100.00	100.00	0.00
2.4G	Ant1	2440	100.00	100.00	100.00	0.00
2.4G	Ant1	2480	100.00	100.00	100.00	0.00

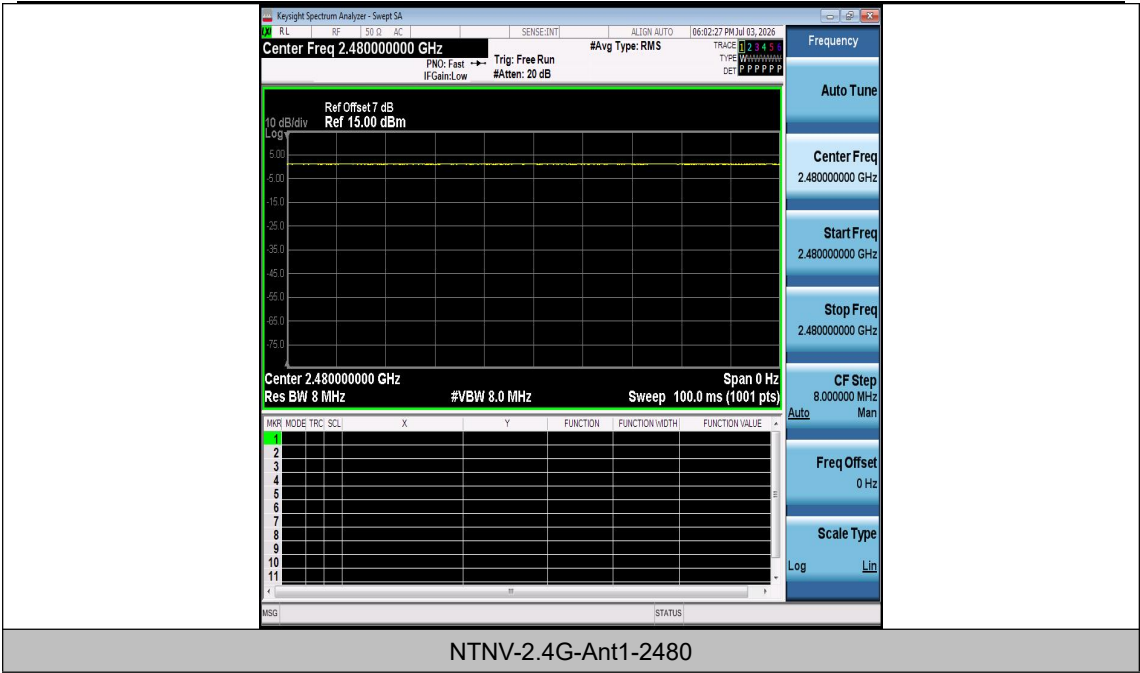
Test Graphs



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