

Appendix Test Data

Report No.:	1812C60127712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-3-9	Finish Test Date:	2026-3-16
Test Engineer:	Huysen Guan	Auditor:	Justin Feng
Temperature:	24.1°C	Relative Humidity:	38%
Pressure:	101kPa		

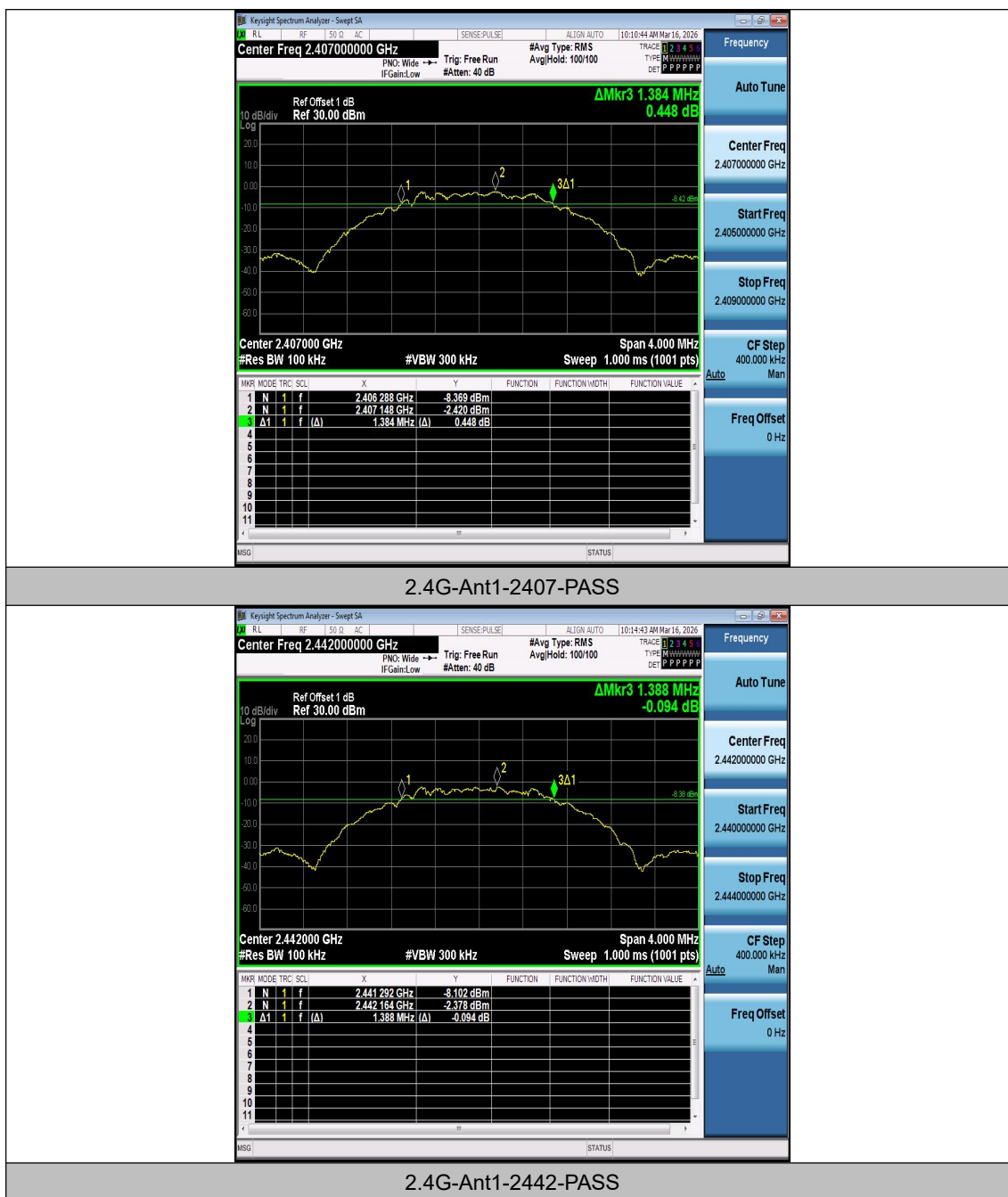


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2407	1.384	2406.288	2407.672	0.5	PASS
2.4G	Ant1	2442	1.388	2441.292	2442.680	0.5	PASS
2.4G	Ant1	2477	1.392	2476.292	2477.684	0.5	PASS

Test Graphs



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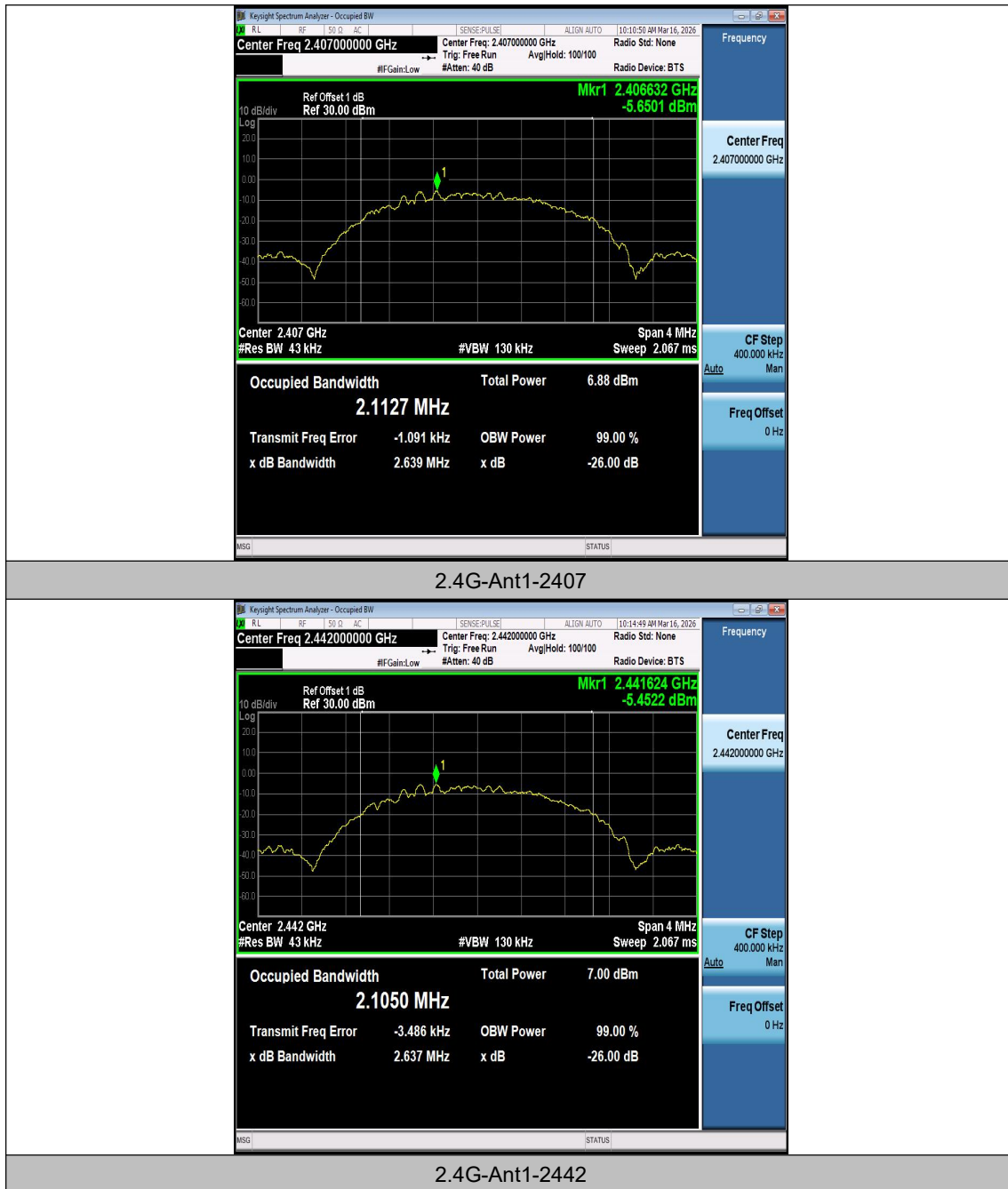
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2407	2.1127	2405.9426	2408.0553	---	---
2.4G	Ant1	2442	2.1050	2440.9440	2443.0490	---	---
2.4G	Ant1	2477	2.1153	2475.9401	2478.0554	---	---

Test Graphs



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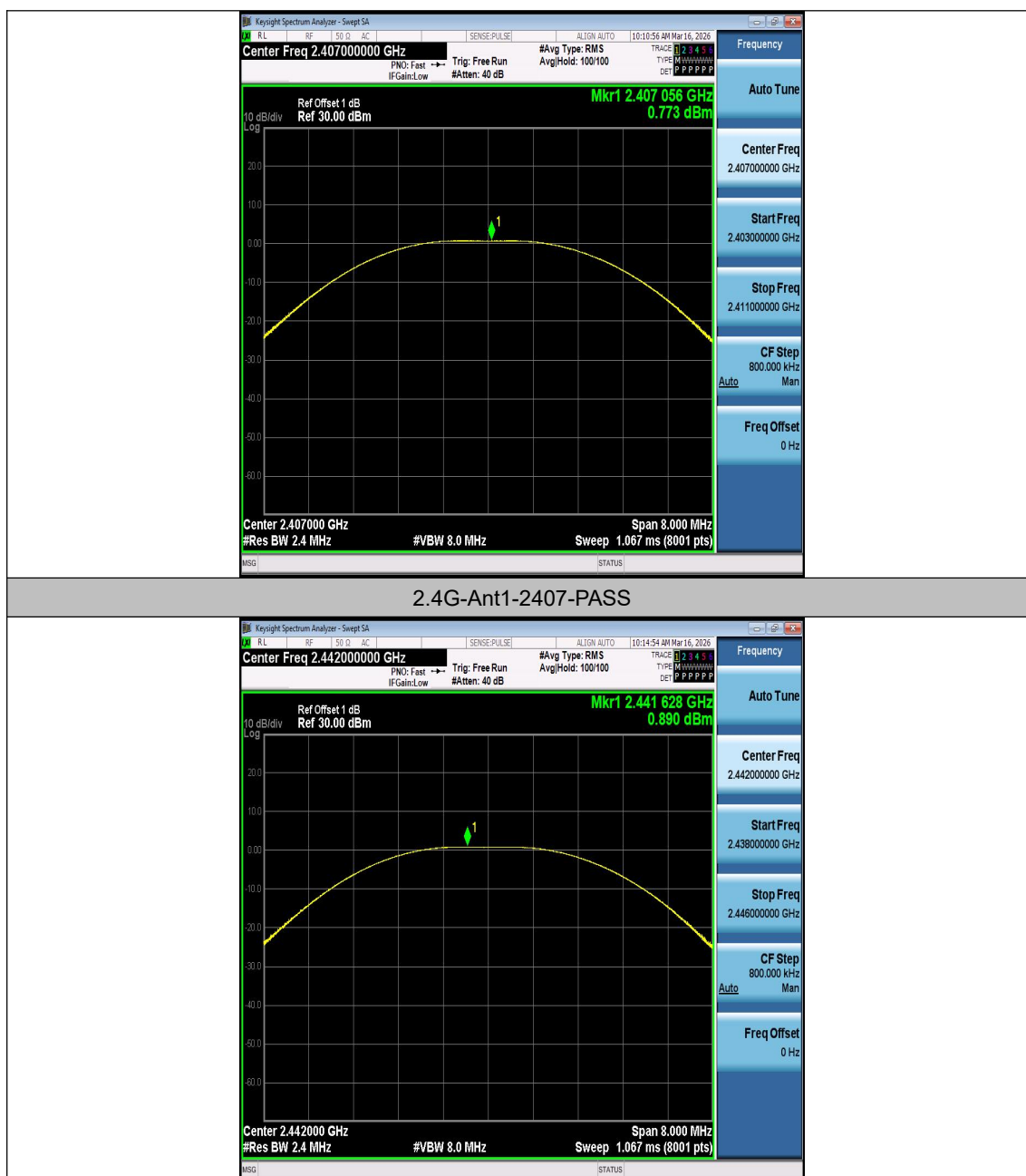
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Antenna Gain [dBi]	EIRP [dBm]	Verdict
2.4G	Ant1	2407	0.77	≤30	2.64	3.41	PASS
2.4G	Ant1	2442	0.89	≤30	2.64	3.53	PASS
2.4G	Ant1	2477	0.90	≤30	2.64	3.54	PASS

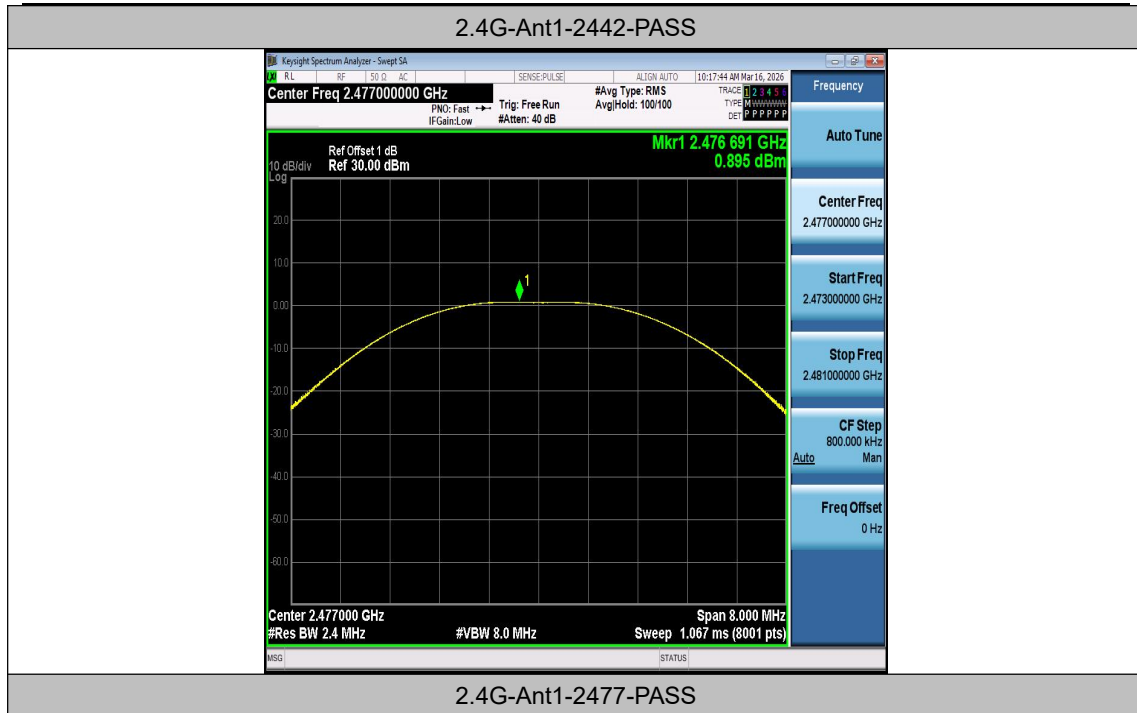
Test Graphs Peak



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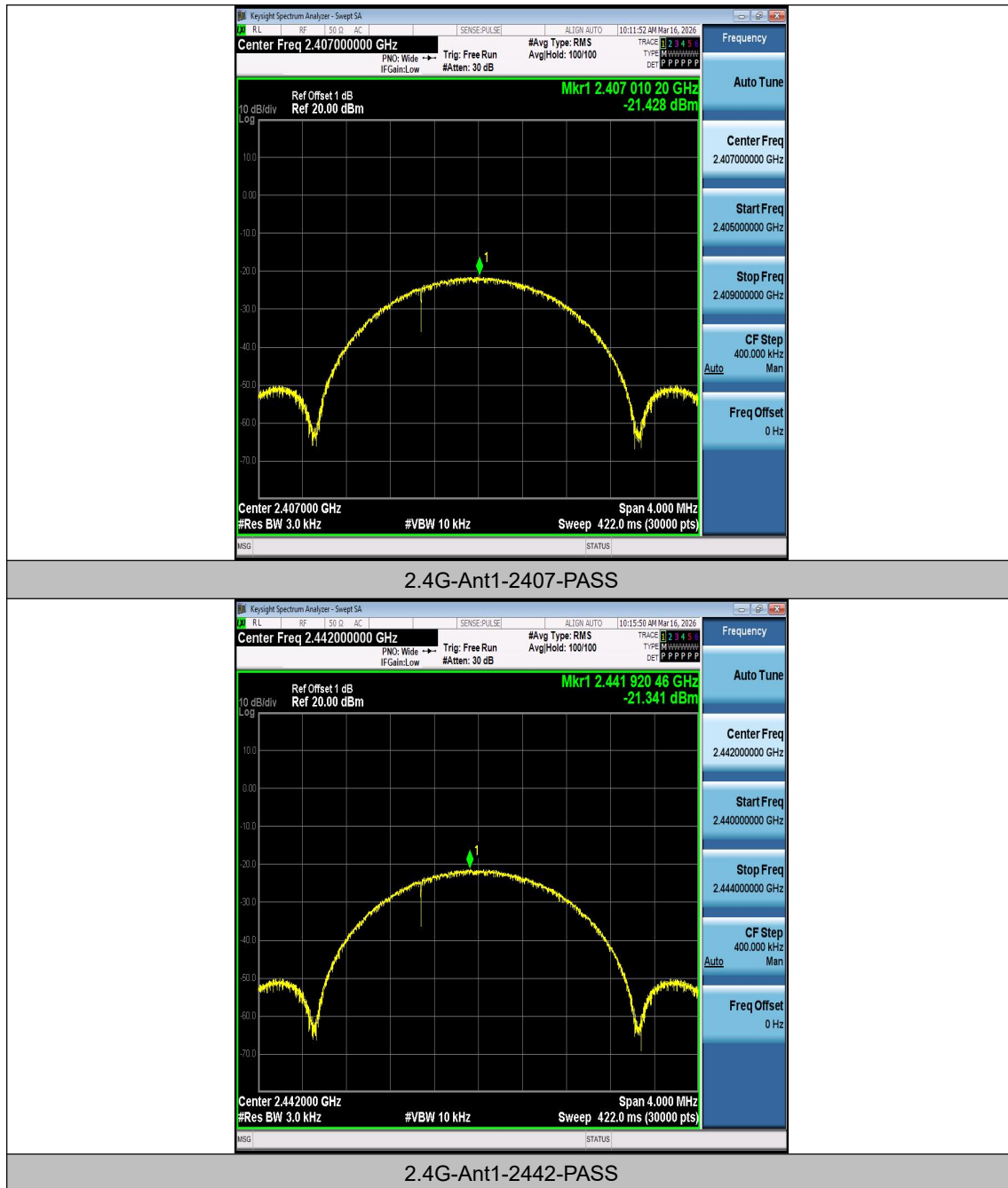
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
2.4G	Ant1	2407	-21.43	≤8.00	PASS
2.4G	Ant1	2442	-21.34	≤8.00	PASS
2.4G	Ant1	2477	-21.33	≤8.00	PASS

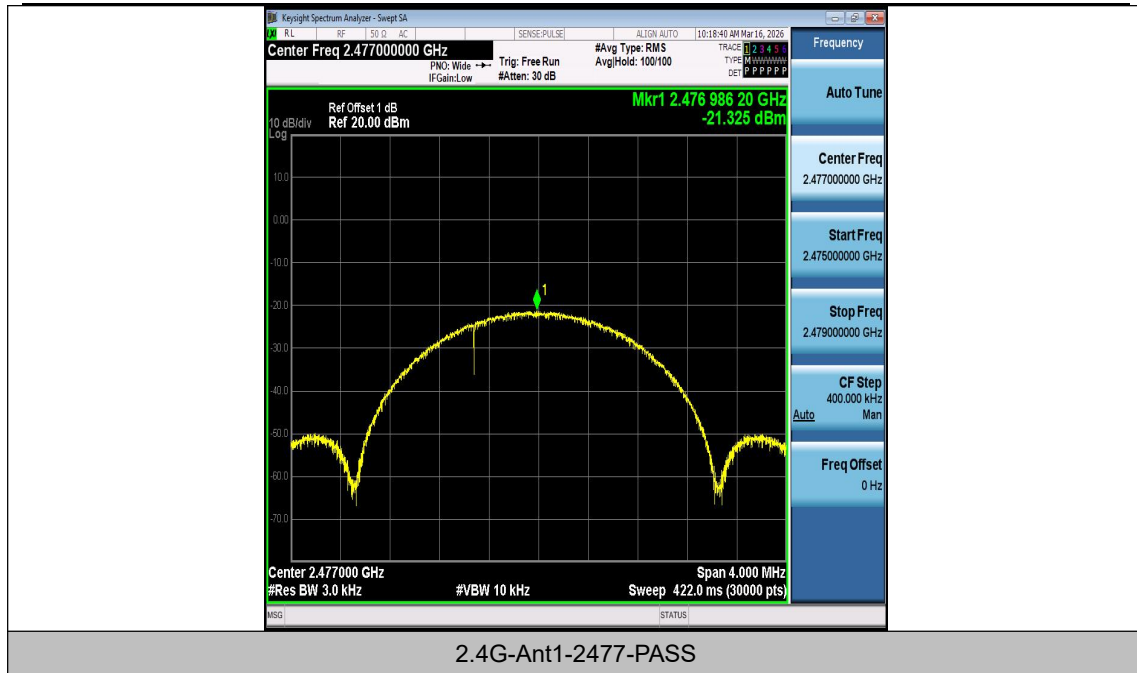
Test Graphs



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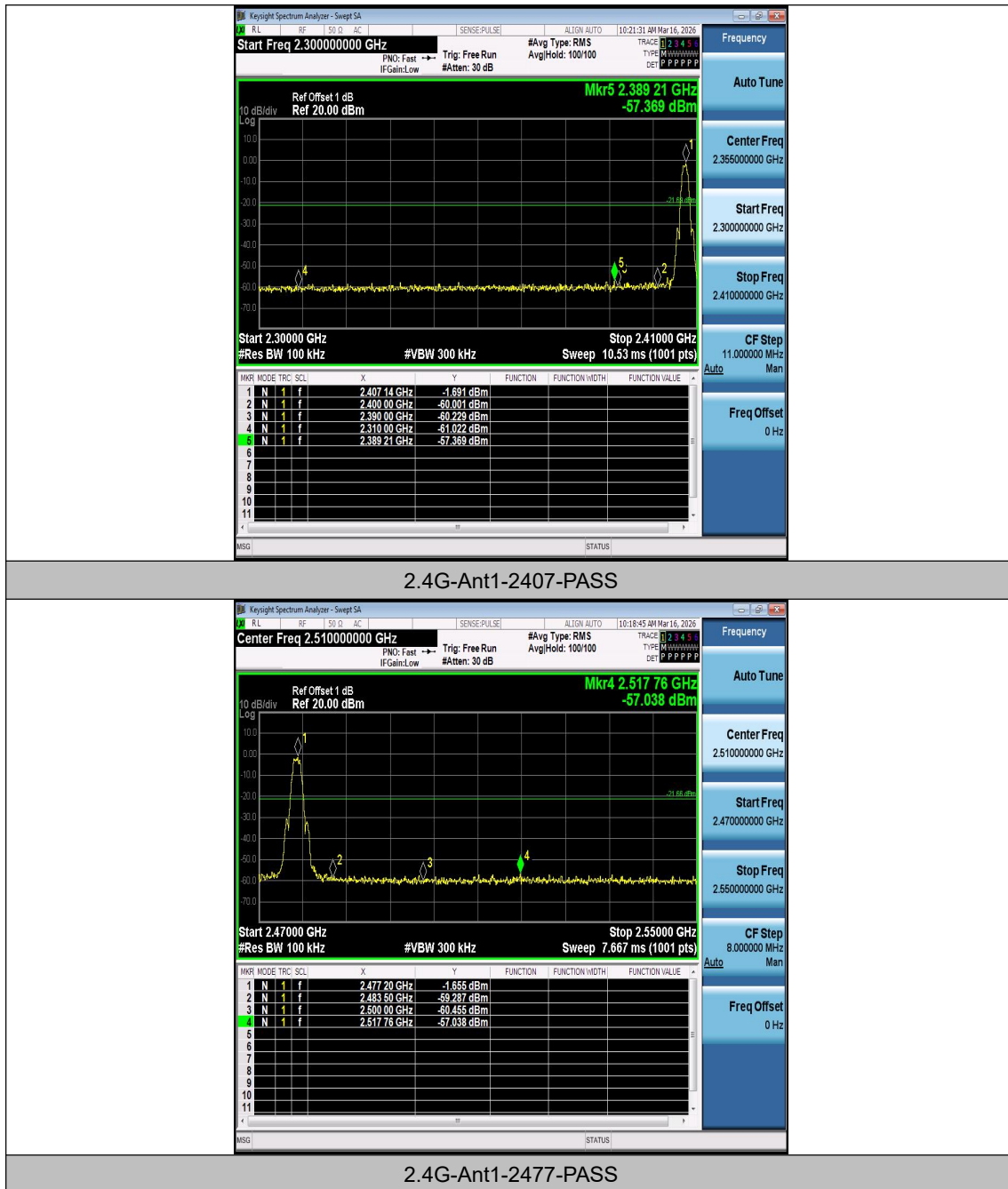
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2407	-1.69	-57.37	≤-21.69	PASS
2.4G	Ant1	High	2477	-1.66	-57.04	≤-21.66	PASS

Test Graphs



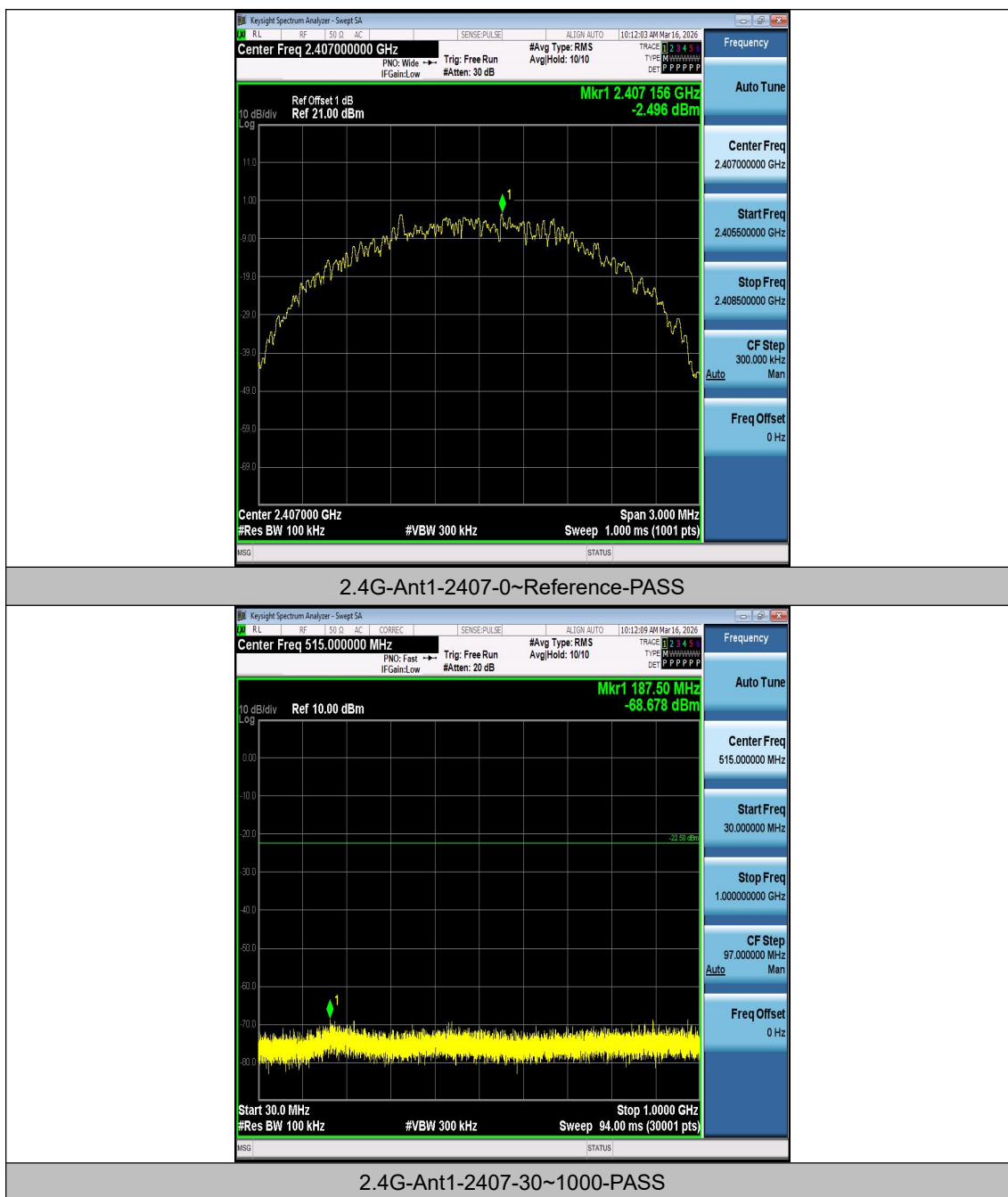
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2407	0~Reference	-2.50	-2.50	---	PASS
2.4G	Ant1	2407	30~1000	-2.50	-68.68	≤-22.5	PASS
2.4G	Ant1	2407	1000~26500	-2.50	-35.92	≤-22.5	PASS
2.4G	Ant1	2442	0~Reference	-2.61	-2.61	---	PASS
2.4G	Ant1	2442	30~1000	-2.61	-67.97	≤-22.61	PASS
2.4G	Ant1	2442	1000~26500	-2.61	-35.55	≤-22.61	PASS
2.4G	Ant1	2477	0~Reference	-2.44	-2.44	---	PASS
2.4G	Ant1	2477	30~1000	-2.44	-61.05	≤-22.44	PASS
2.4G	Ant1	2477	1000~26500	-2.44	-35.44	≤-22.44	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.

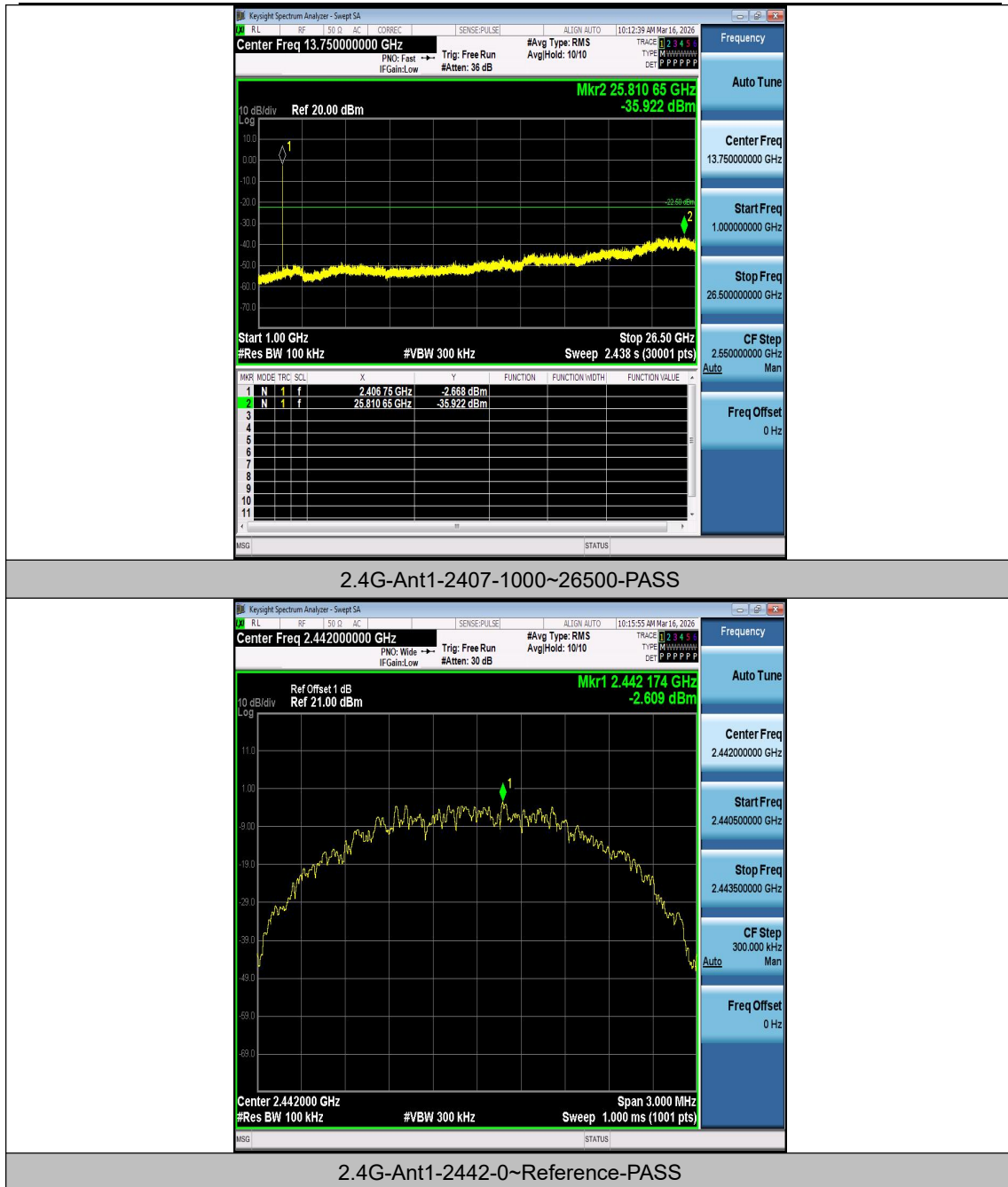
Test Graphs



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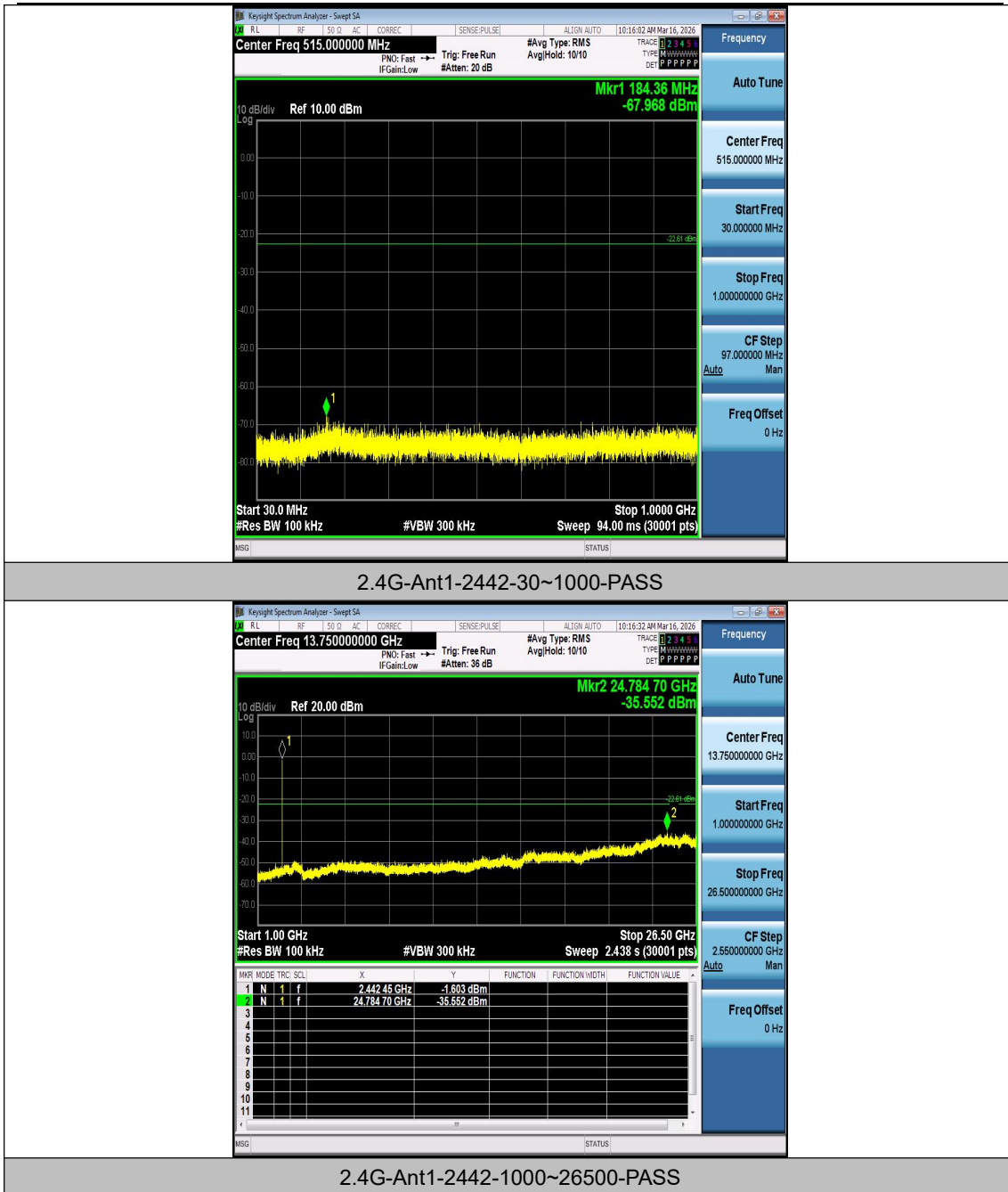
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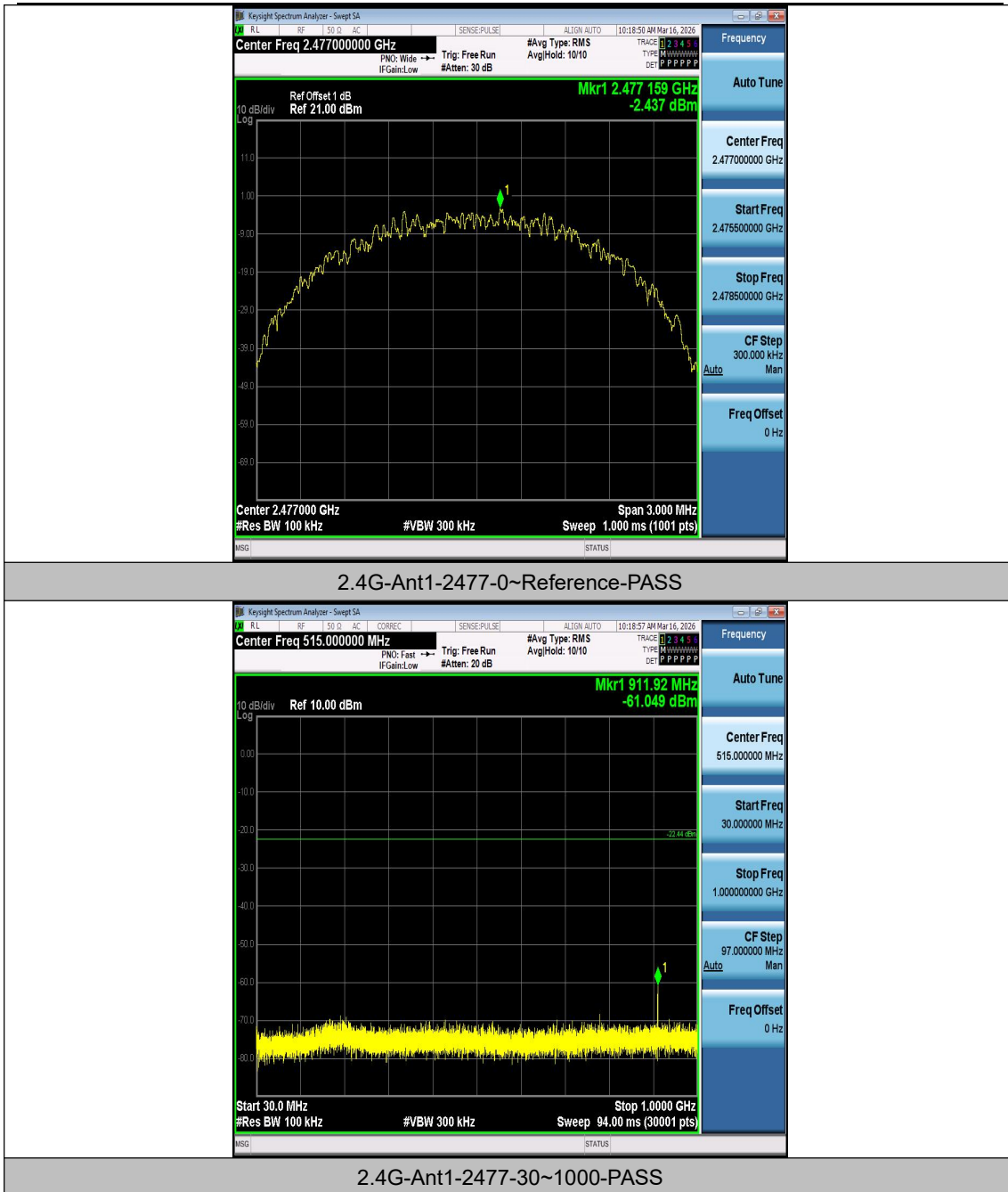
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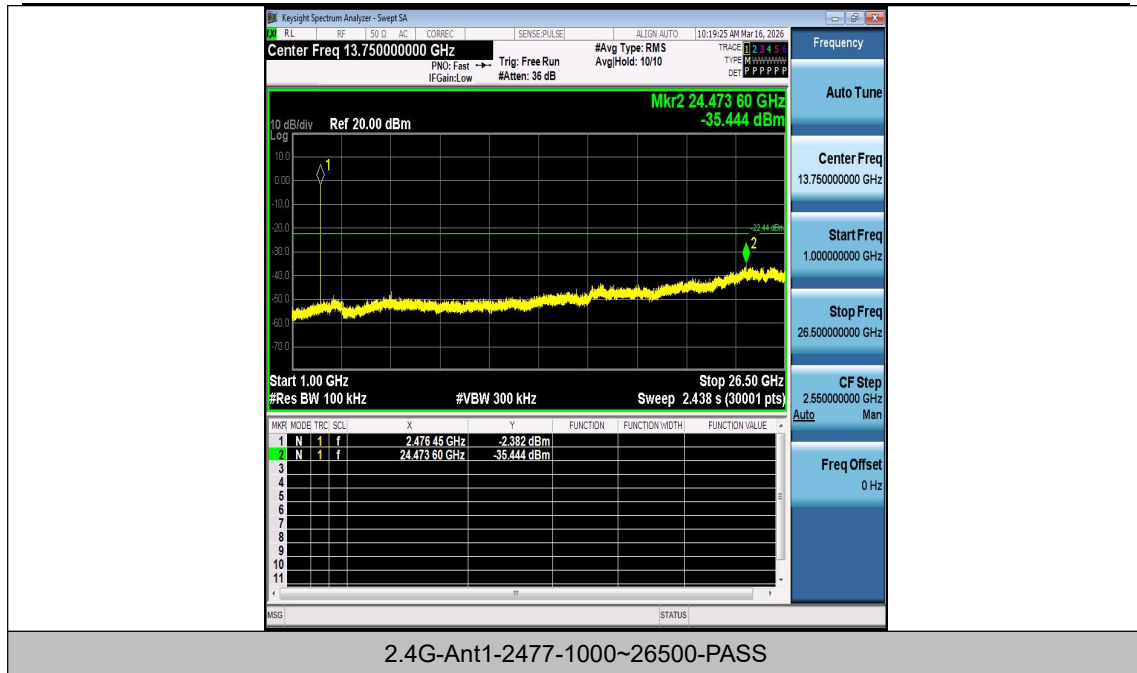
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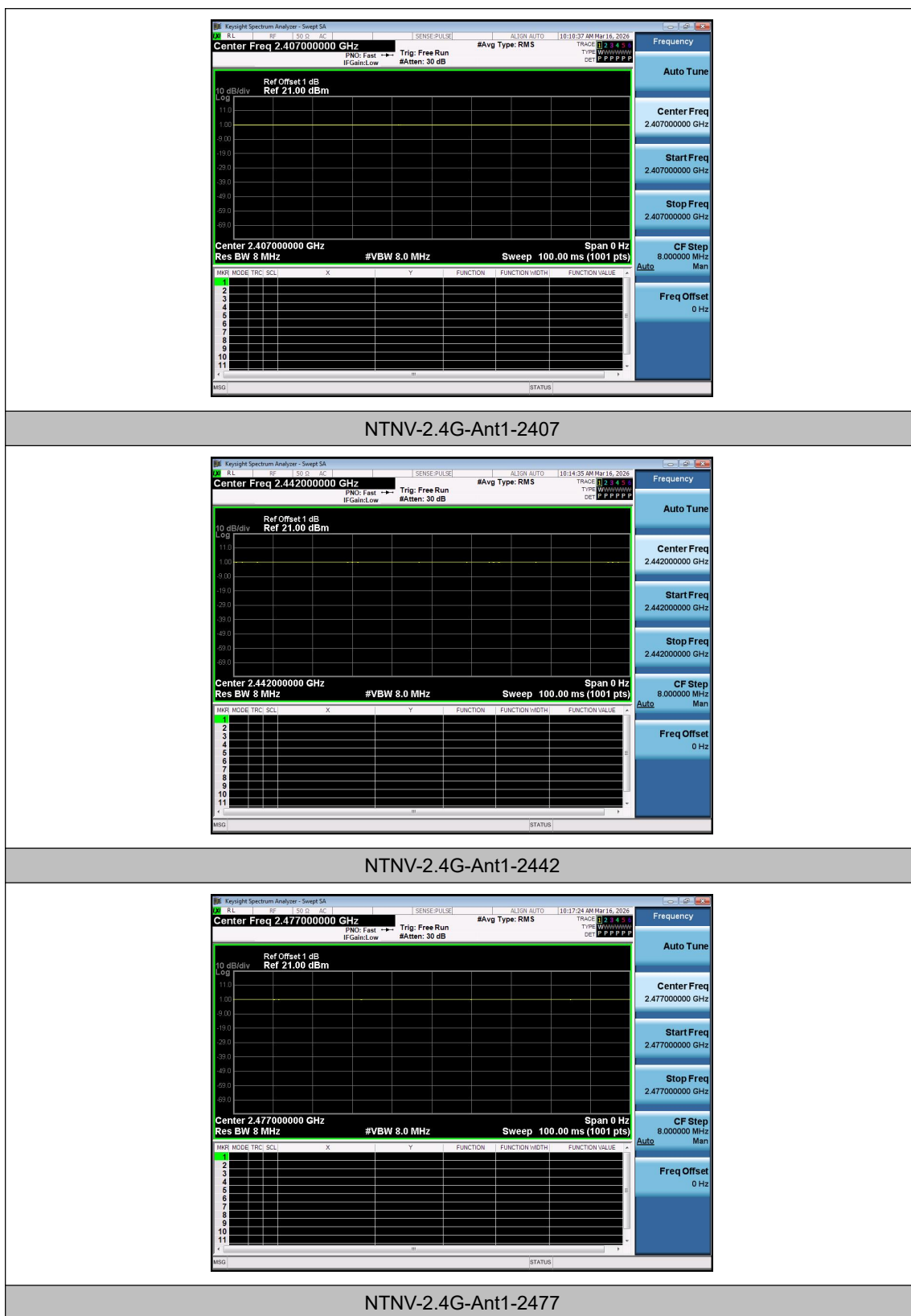
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2407	100.00	100.00	100.00	0.00
2.4G	Ant1	2442	100.00	100.00	100.00	0.00
2.4G	Ant1	2477	100.00	100.00	100.00	0.00

Test Graphs



---End---

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