

Appendix Test Data

Report No.:	1812C60530812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-15	Finish Test Date:	2026-9-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	64%
Pressure:	101kPa		



Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.752	2402.464	0.5	PASS
BLE_1M	Ant1	2440	0.712	2439.752	2440.464	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.752	2480.460	0.5	PASS

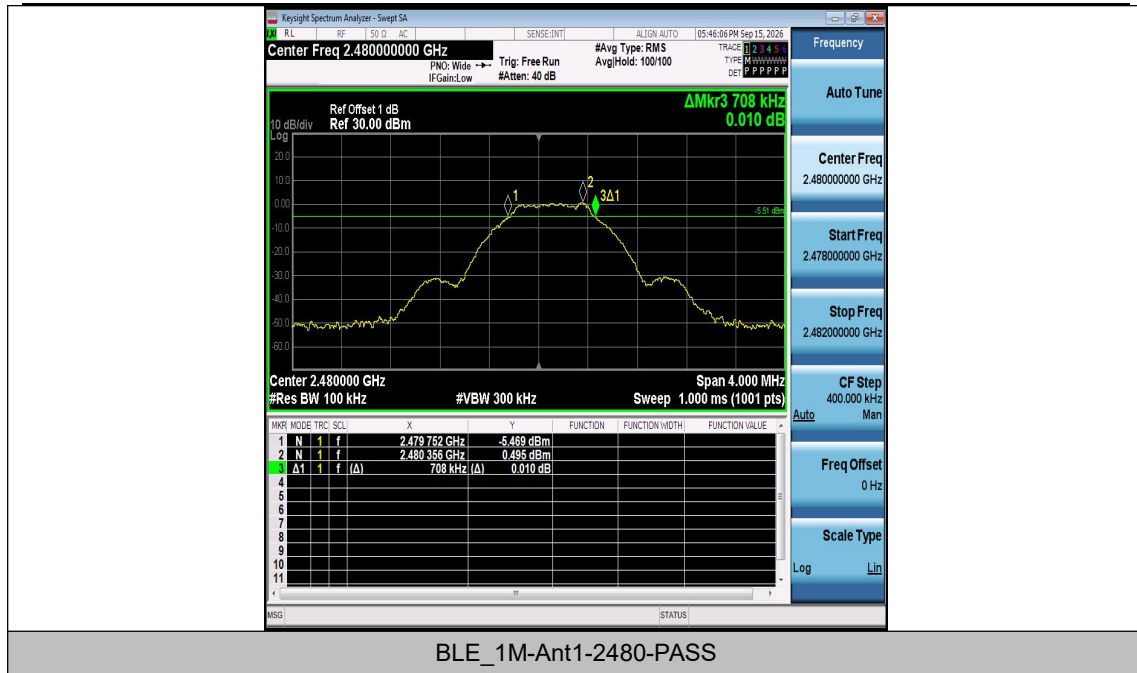
Test Graphs



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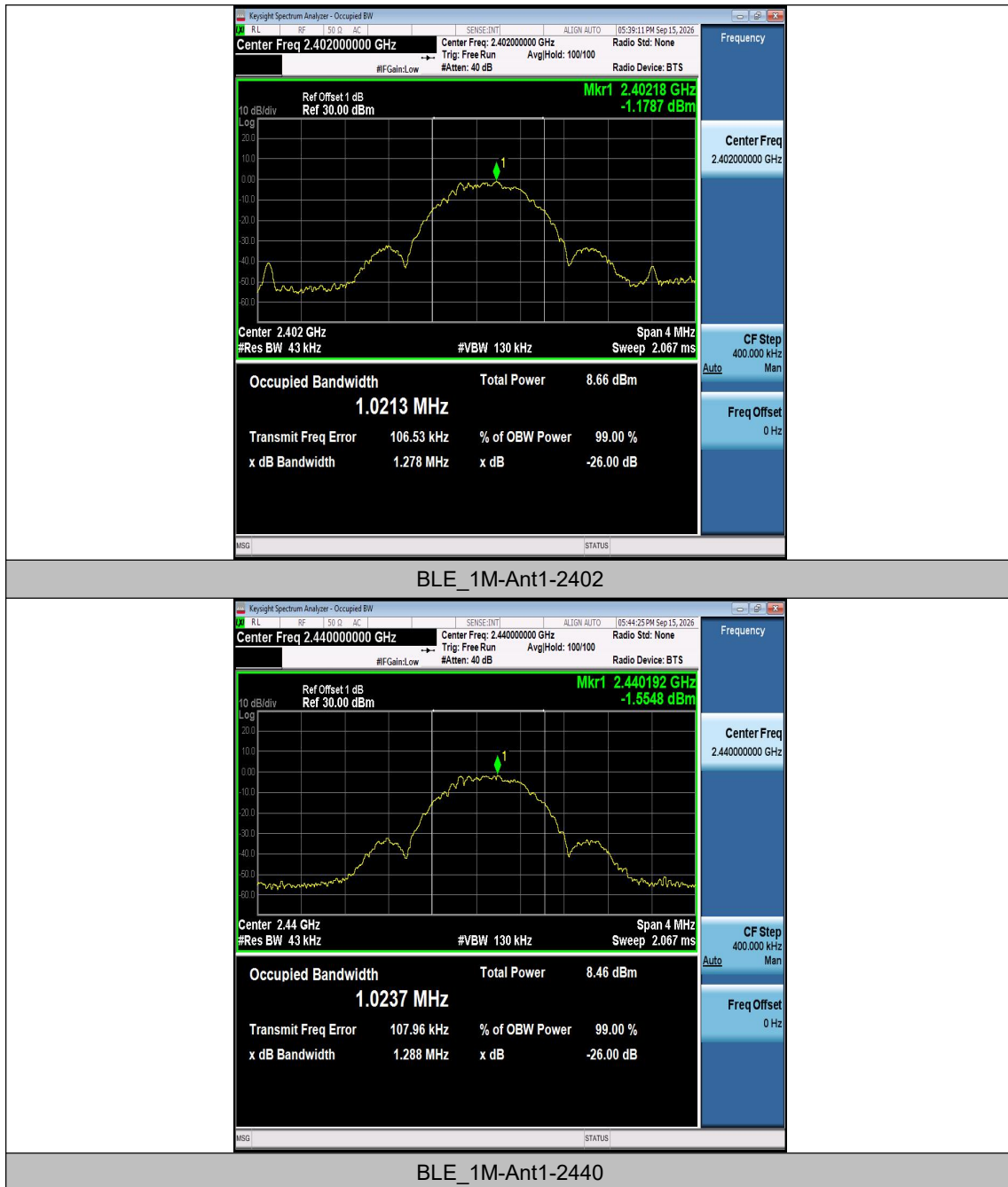
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0213	2401.5959	2402.6172	---	---
BLE_1M	Ant1	2440	1.0237	2439.5961	2440.6198	---	---
BLE_1M	Ant1	2480	1.0188	2479.5992	2480.6180	---	---

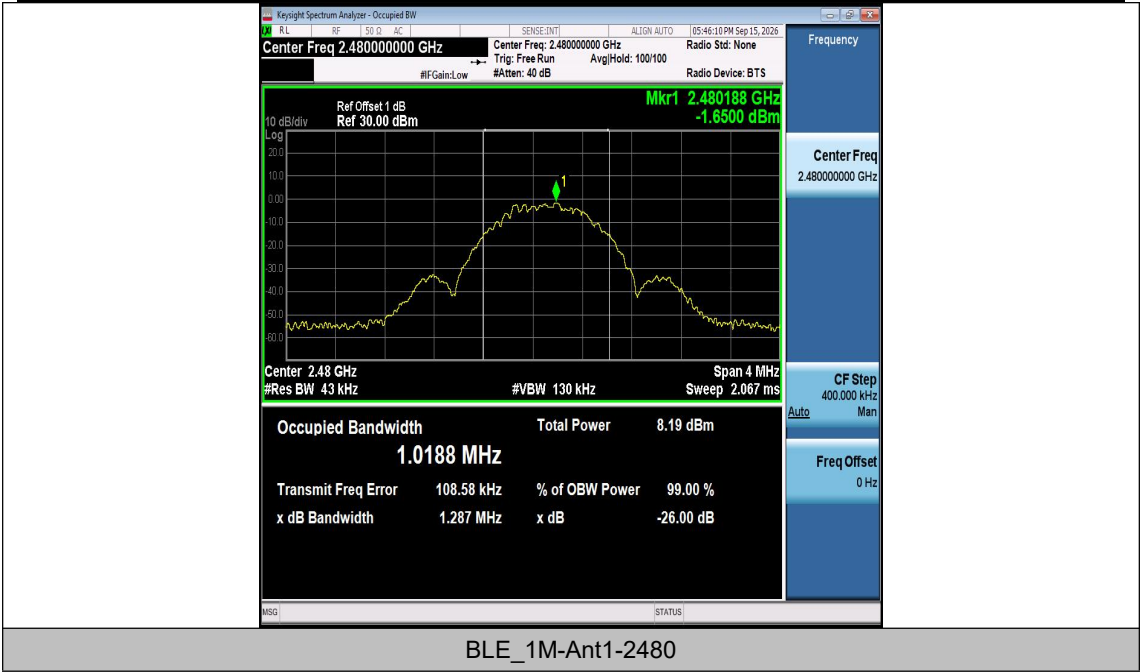
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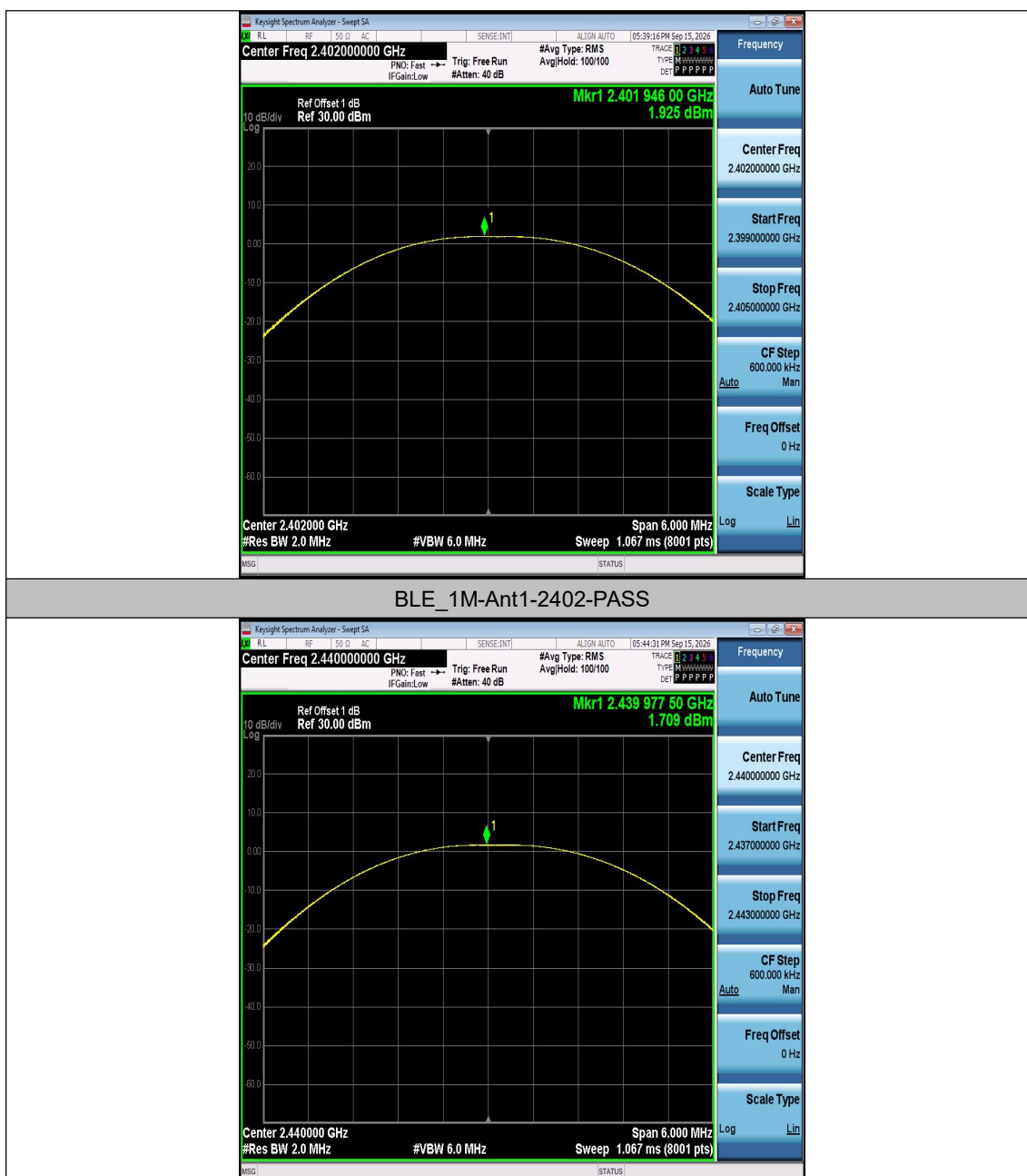
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.93	≤30	PASS
BLE_1M	Ant1	2440	1.71	≤30	PASS
BLE_1M	Ant1	2480	1.49	≤30	PASS

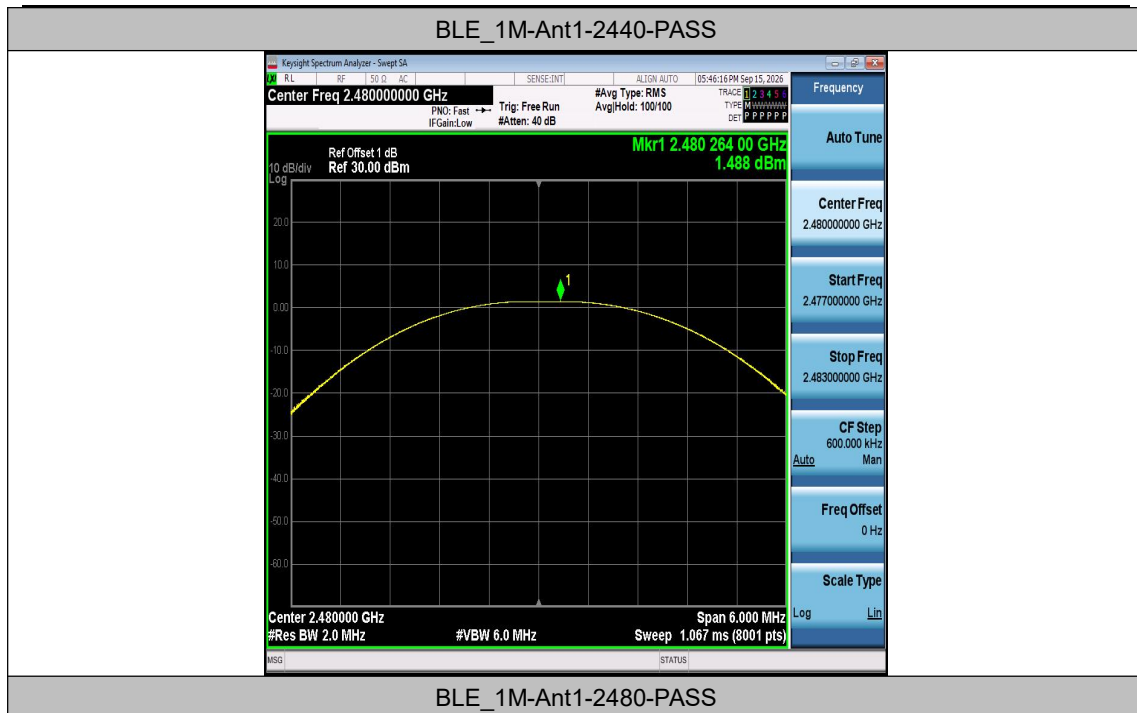
Test Graphs Peak



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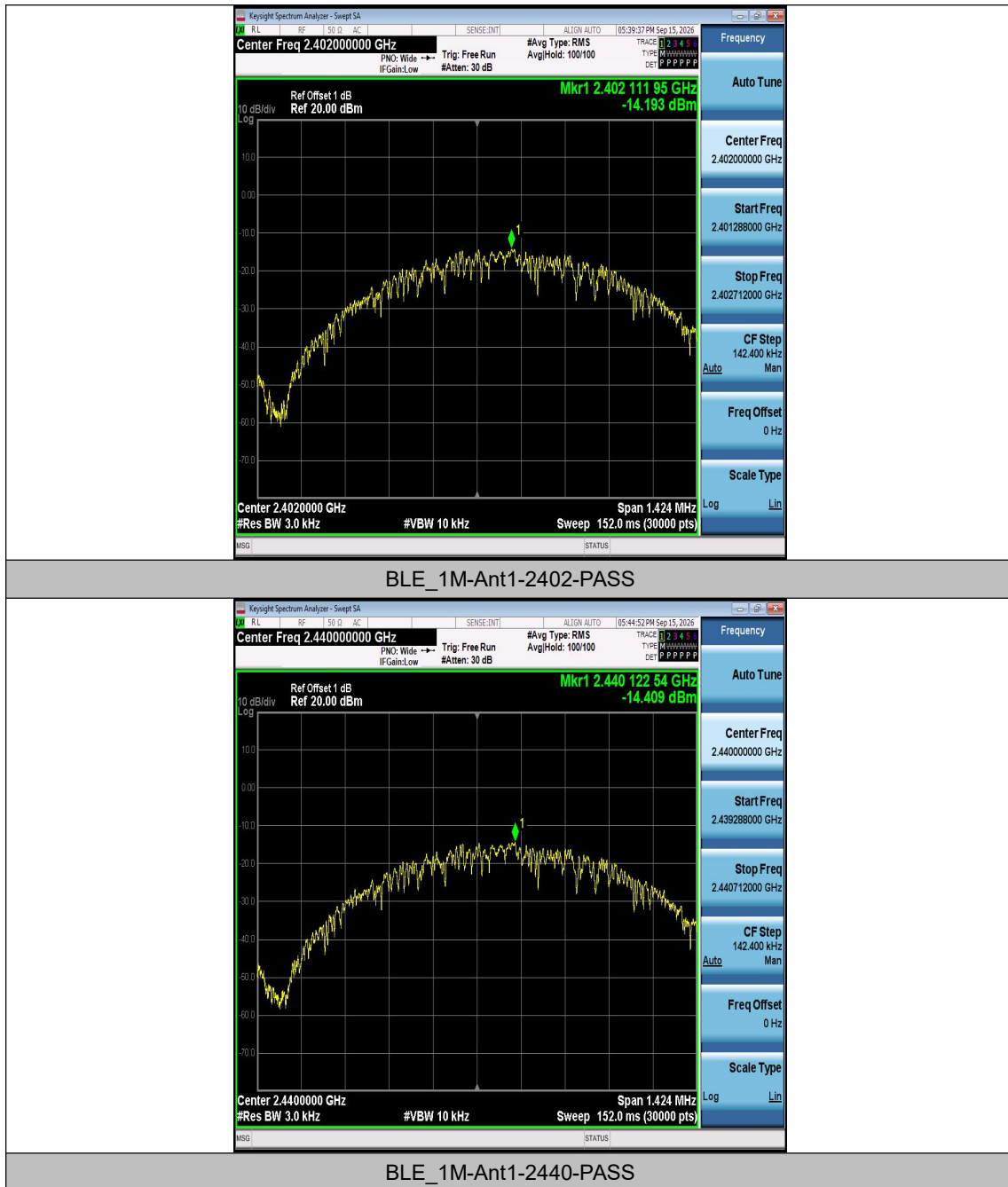
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.19	≤8.00	PASS
BLE_1M	Ant1	2440	-14.41	≤8.00	PASS
BLE_1M	Ant1	2480	-14.55	≤8.00	PASS

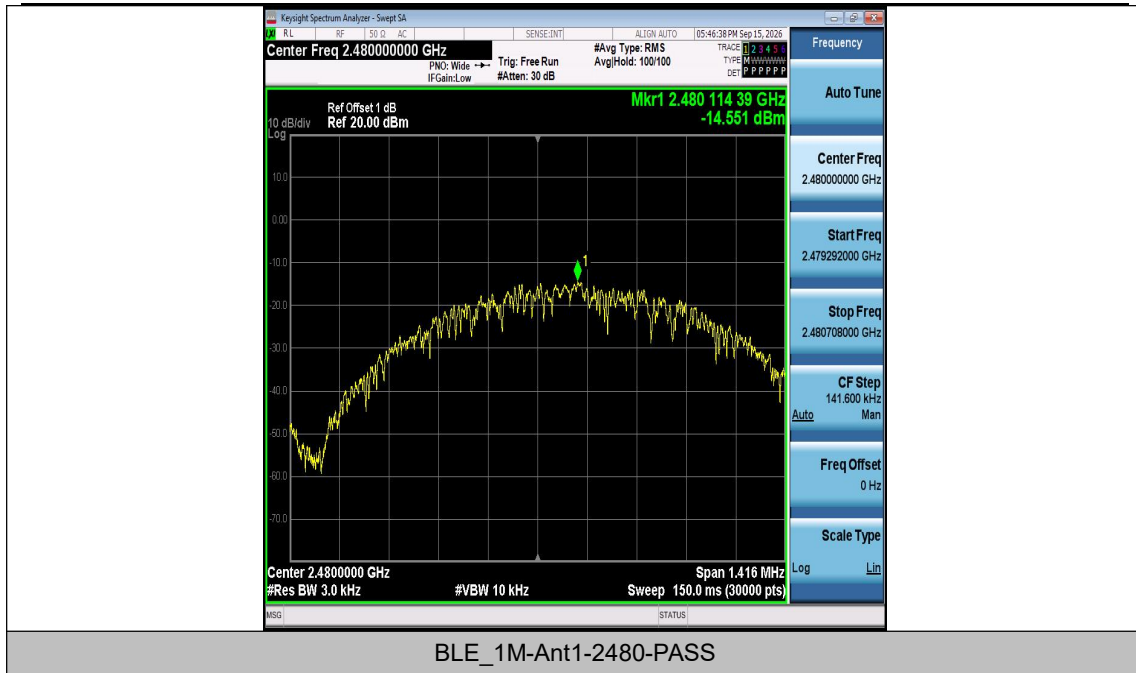
Test Graphs



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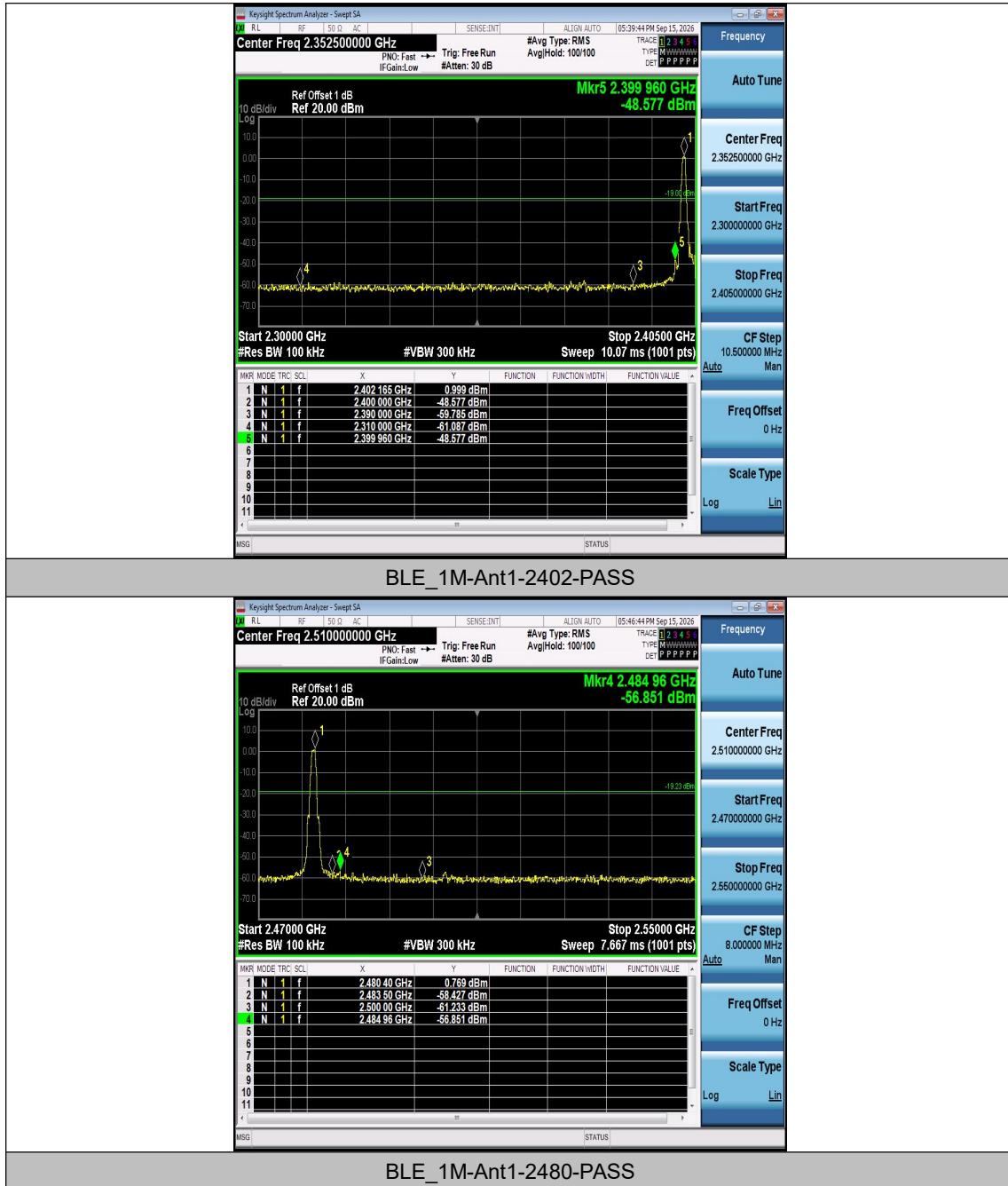
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.00	-48.58	≤-19	PASS
BLE_1M	Ant1	High	2480	0.77	-56.85	≤-19.23	PASS

Test Graphs



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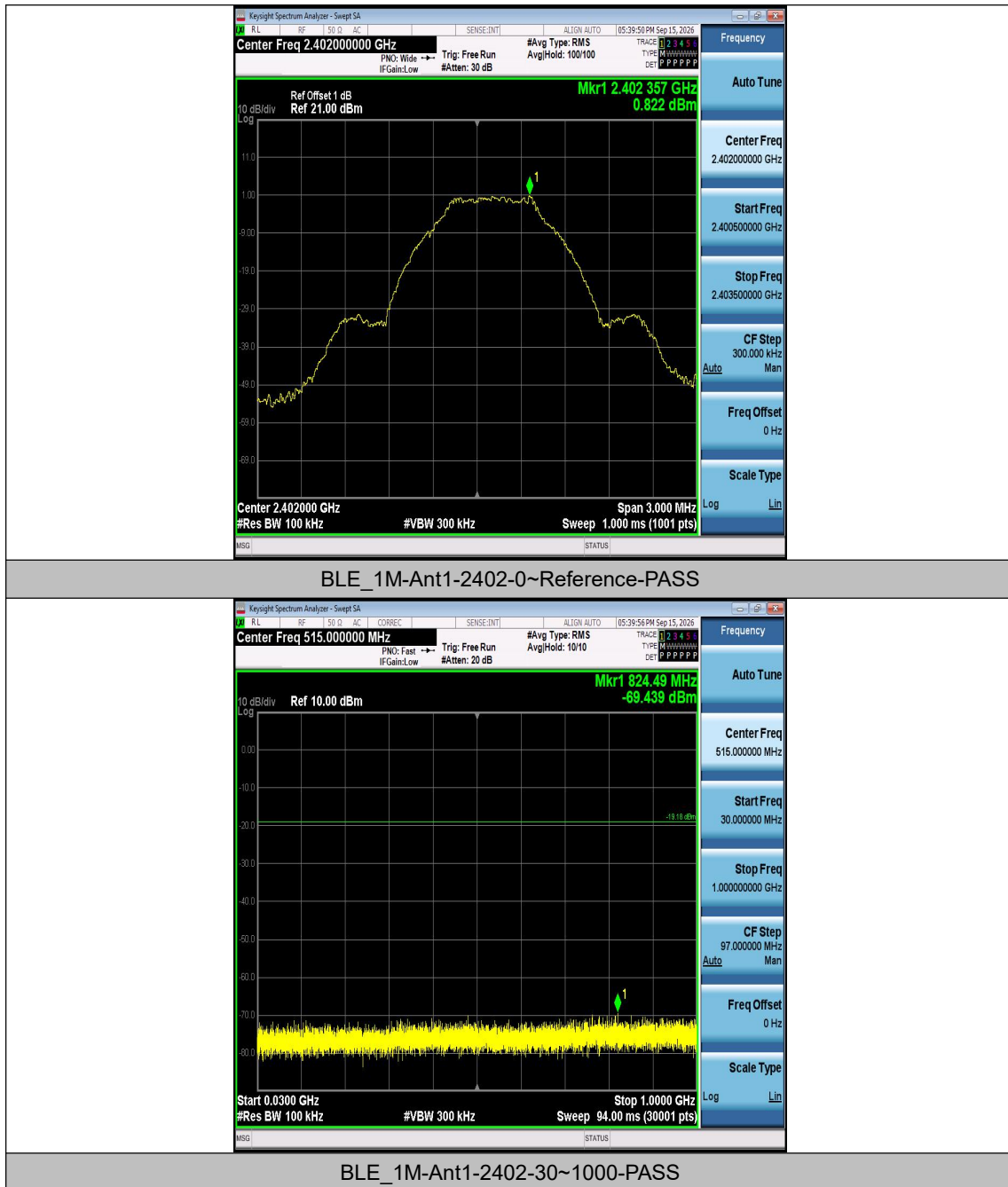
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.82	0.82	---	PASS
BLE_1M	Ant1	2402	30~1000	0.82	-69.44	≤-19.18	PASS
BLE_1M	Ant1	2402	1000~26500	0.82	-41.76	≤-19.18	PASS
BLE_1M	Ant1	2440	0~Reference	0.71	0.71	---	PASS
BLE_1M	Ant1	2440	30~1000	0.71	-69.87	≤-19.29	PASS
BLE_1M	Ant1	2440	1000~26500	0.71	-41.59	≤-19.29	PASS
BLE_1M	Ant1	2480	0~Reference	0.48	0.48	---	PASS
BLE_1M	Ant1	2480	30~1000	0.48	-69.39	≤-19.52	PASS
BLE_1M	Ant1	2480	1000~26500	0.48	-41.02	≤-19.52	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.

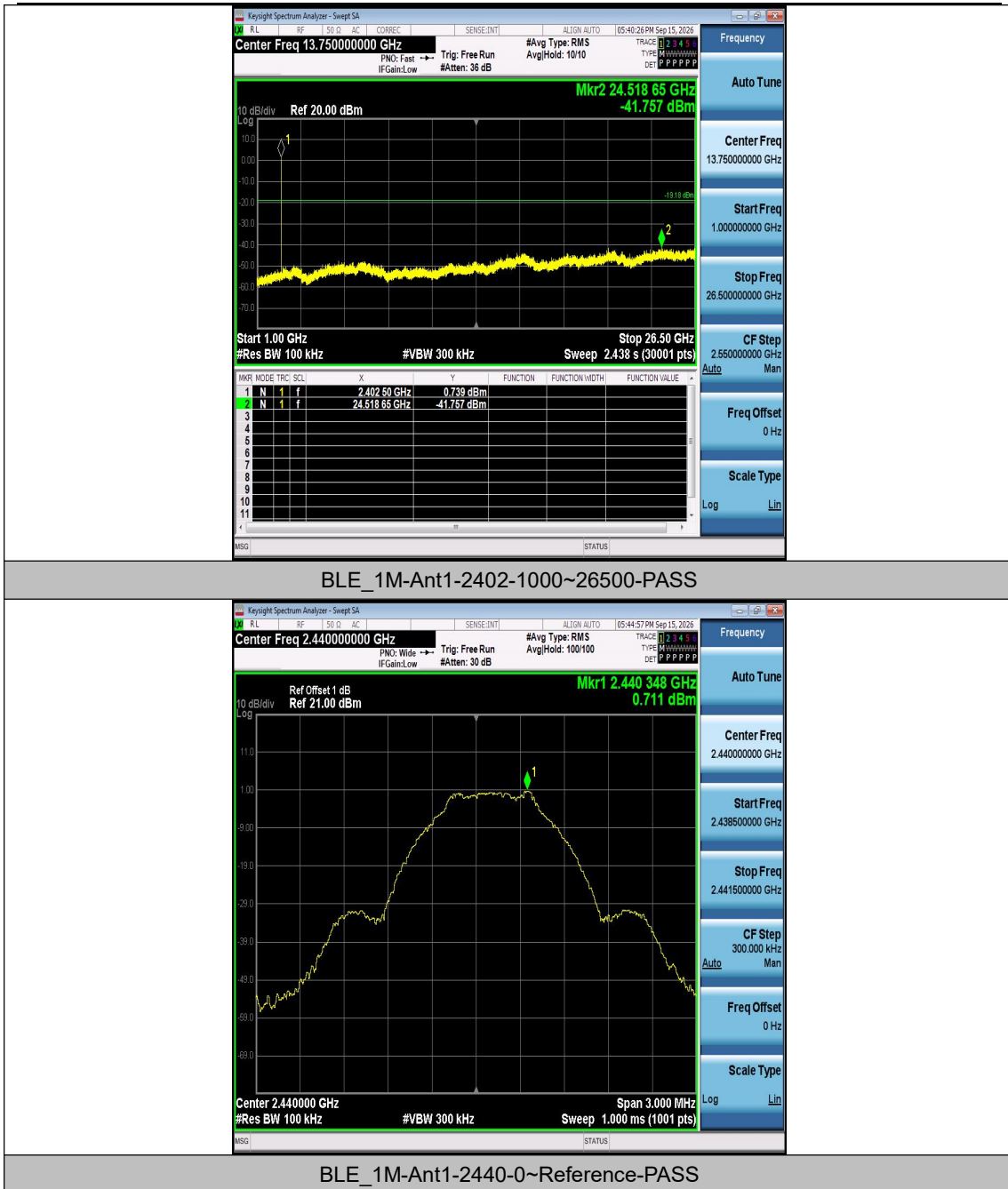
Test Graphs



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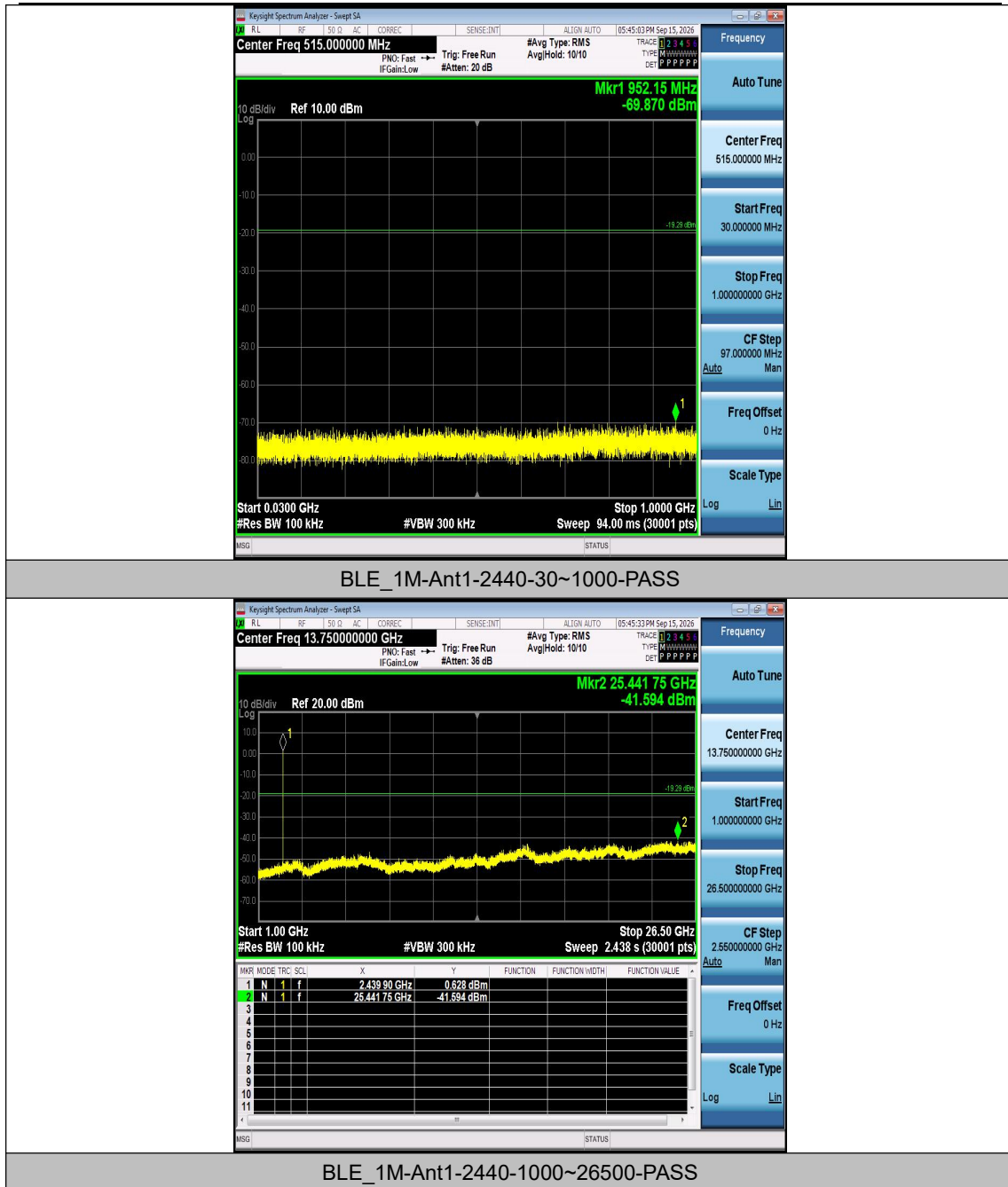
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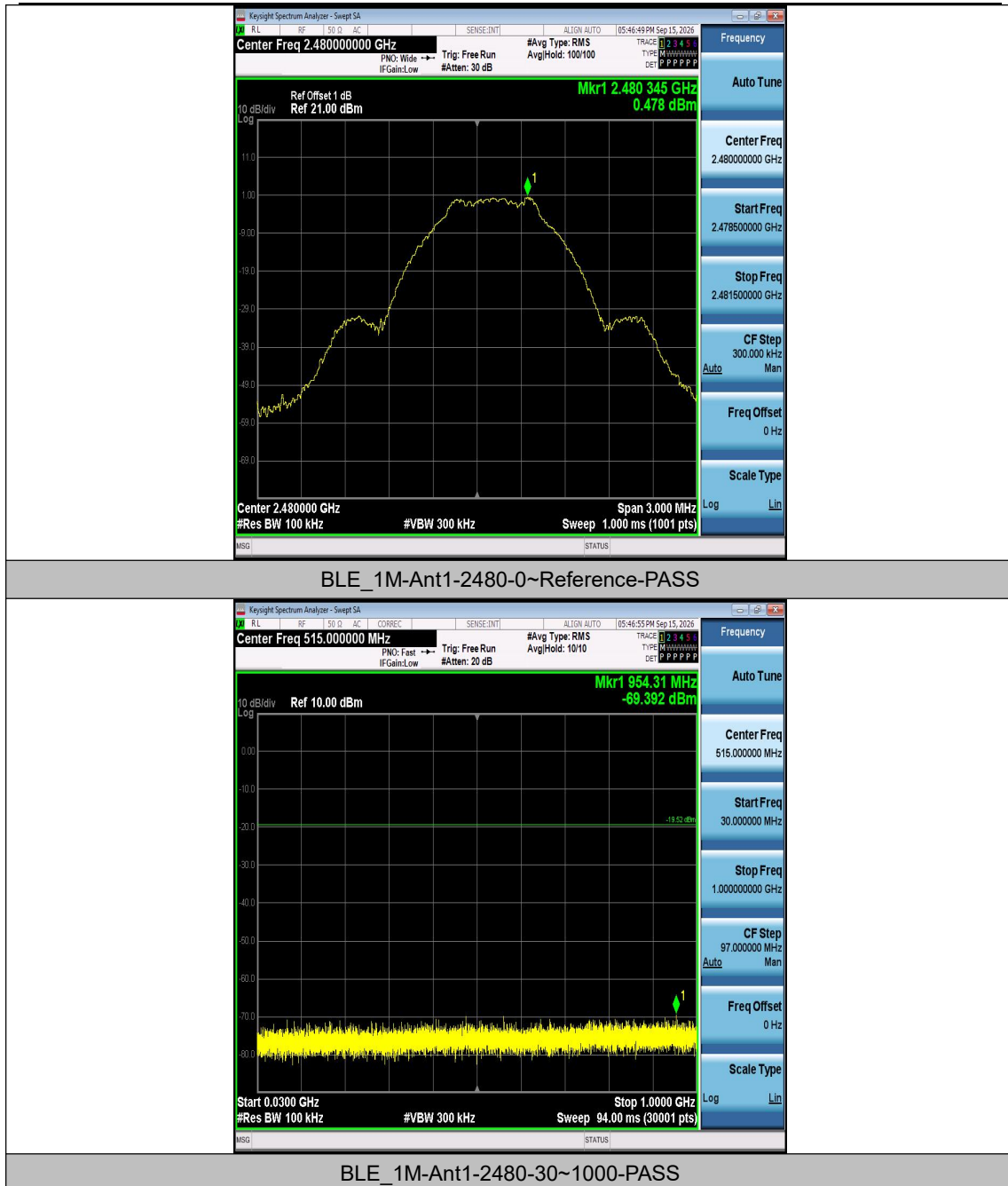
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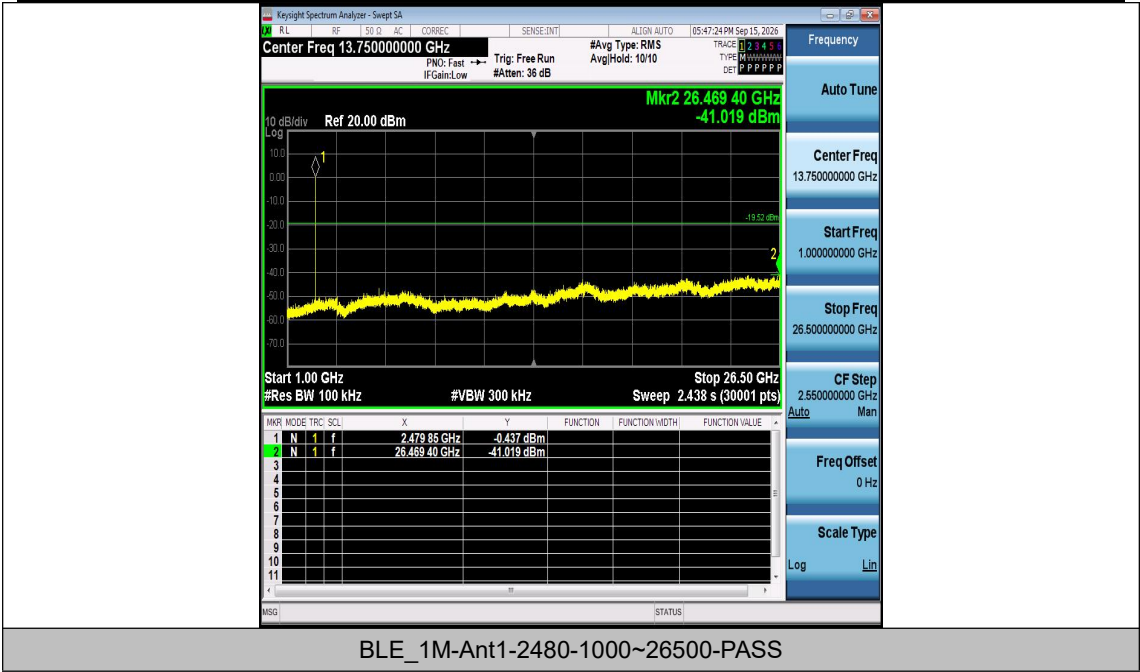
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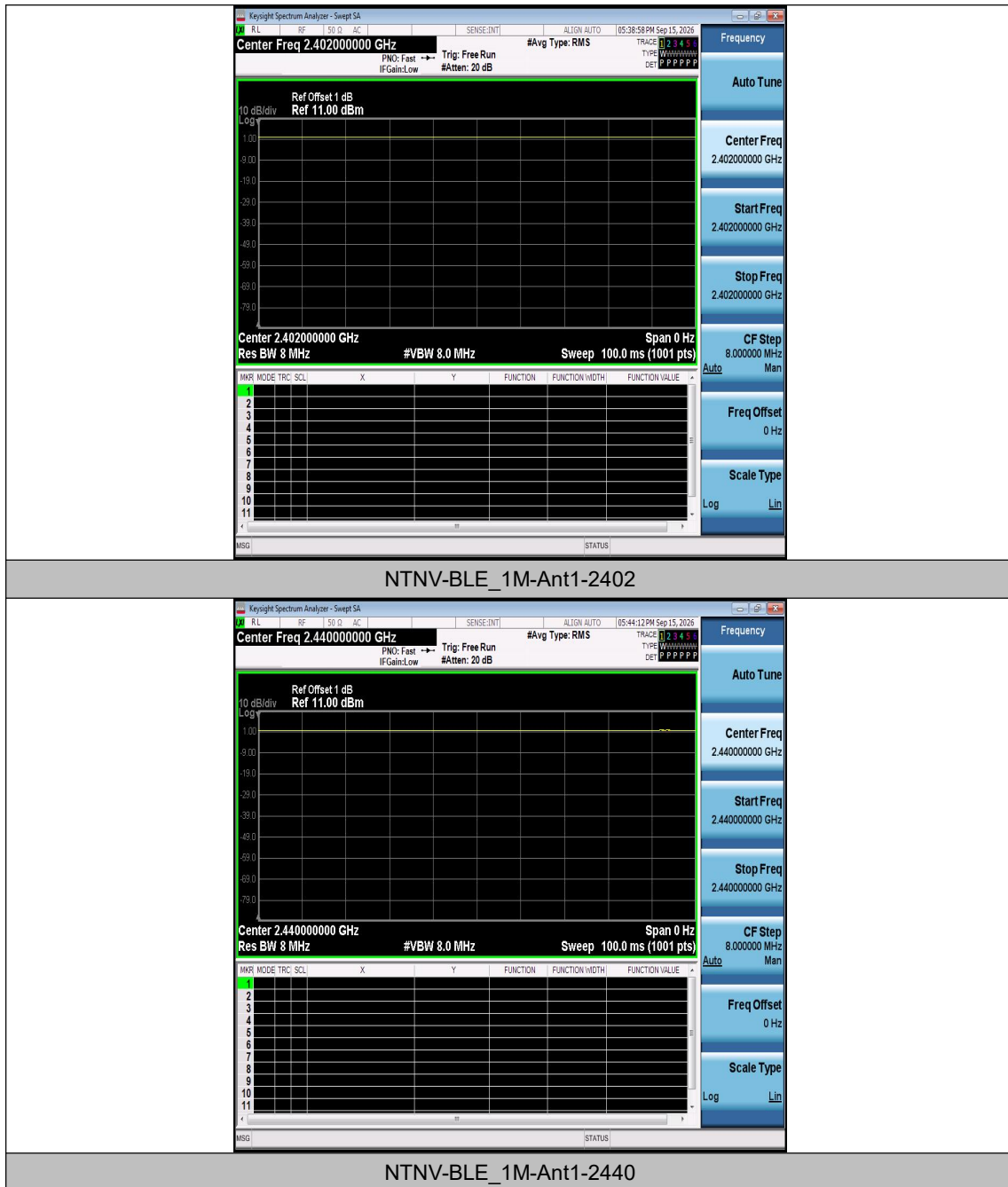
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00

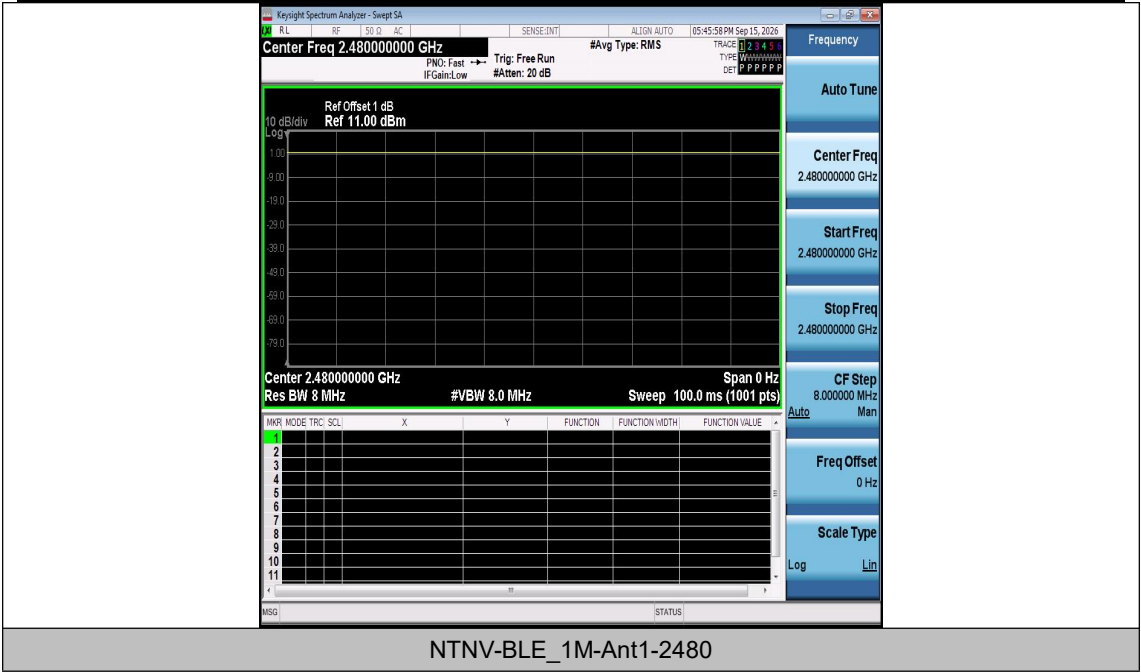
Test Graphs



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