

Appendix Test Data

Report No.:	1812C60351212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-25	Finish Test Date:	2026-7-3
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	26.9°C	Relative Humidity:	55%
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	0.708	2401.628	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.644	2440.320	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.644	2480.308	0.5	PASS

Test Graphs



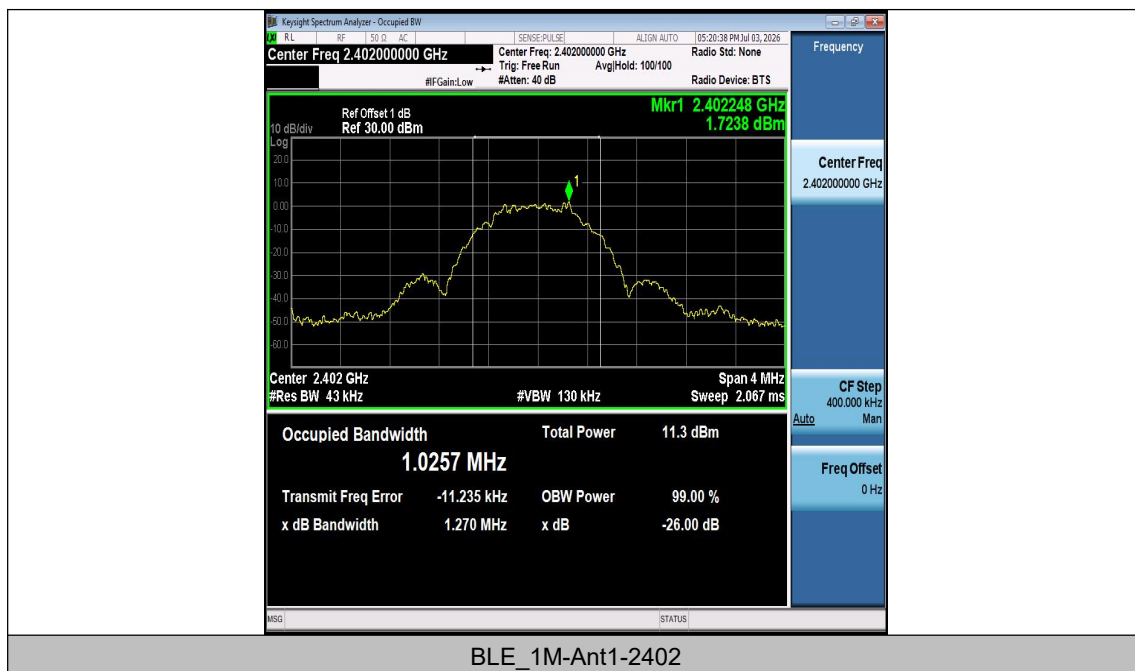


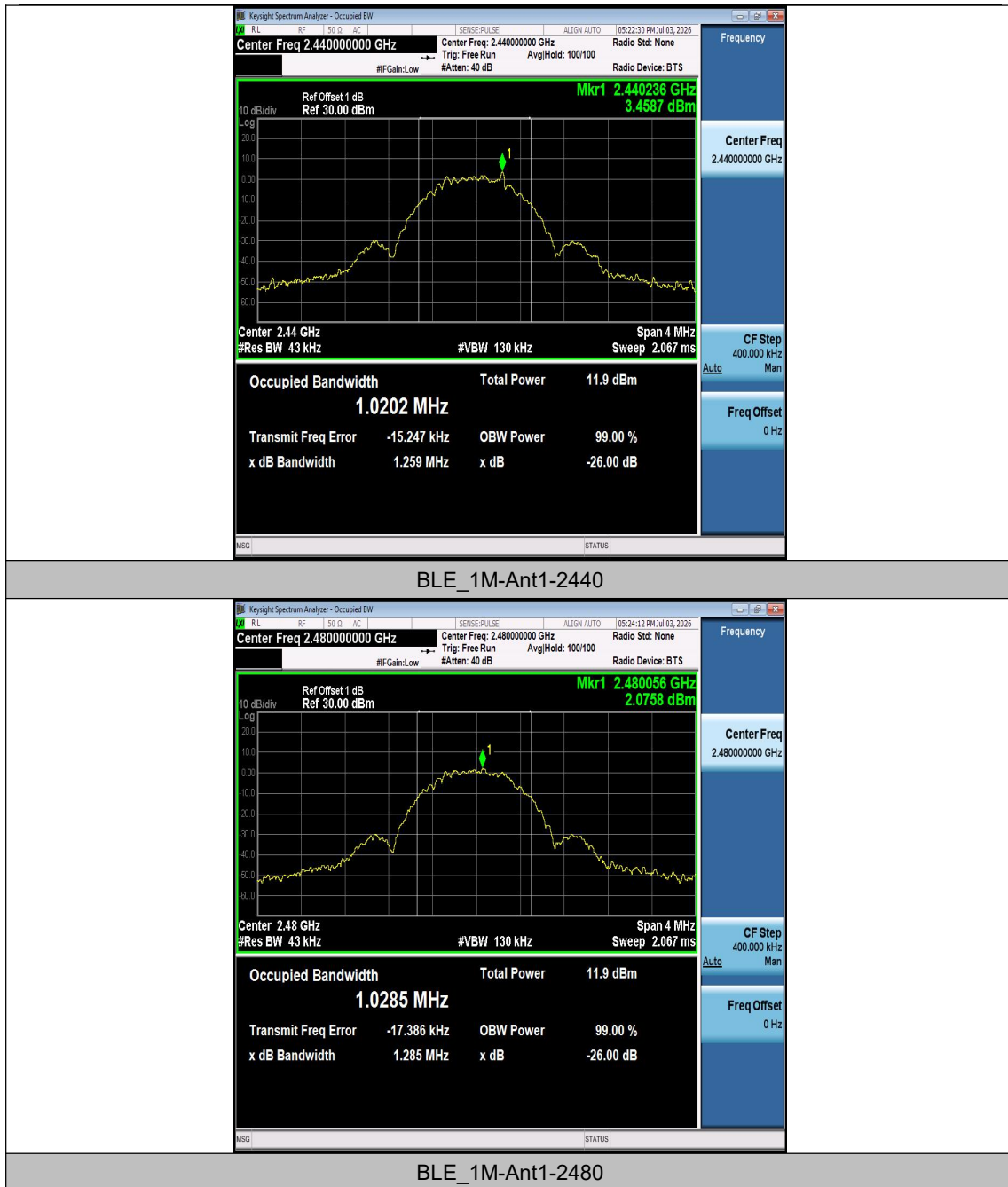
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0257	2401.4759	2402.5016	---	---
BLE_1M	Ant1	2440	1.0202	2439.4747	2440.4949	---	---
BLE_1M	Ant1	2480	1.0285	2479.4684	2480.4969	---	---

Test Graphs





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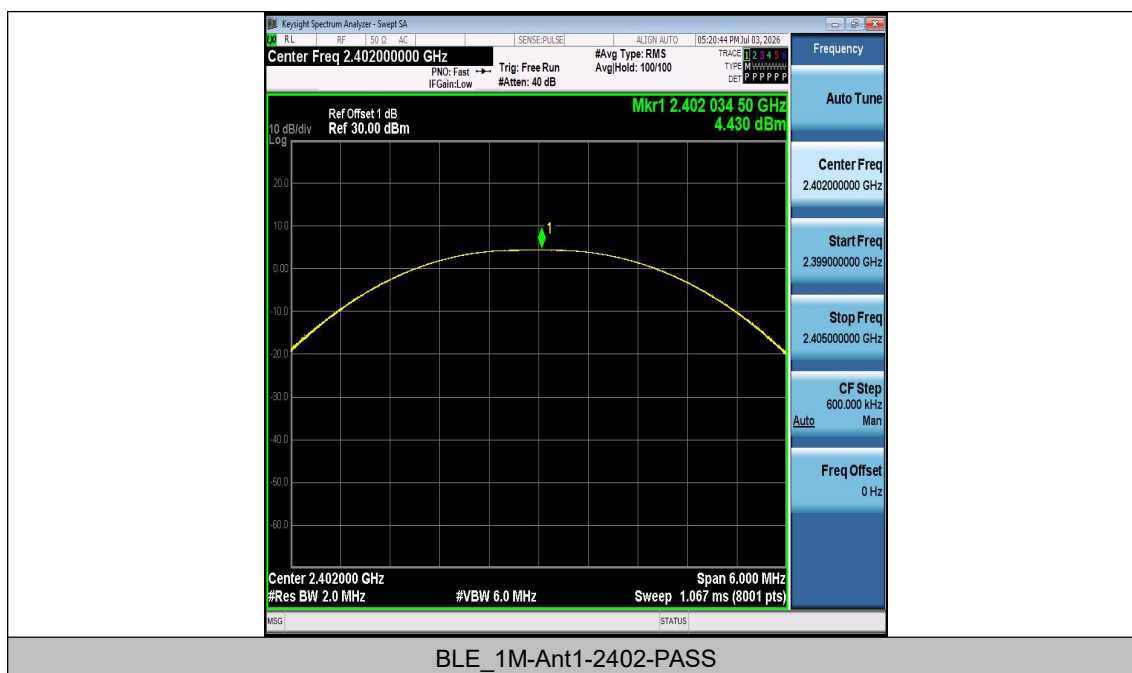
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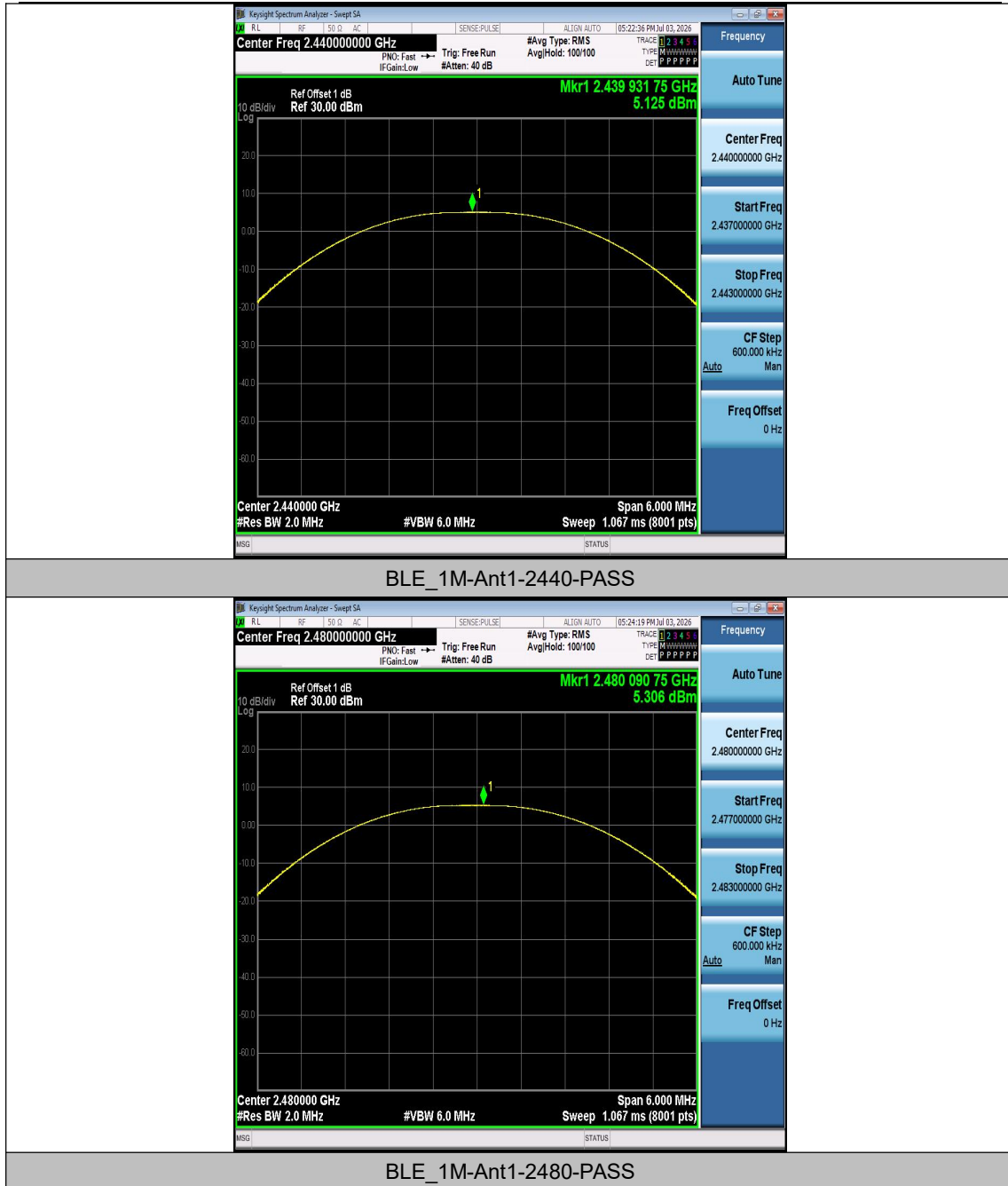
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.43	≤30	PASS
BLE_1M	Ant1	2440	5.13	≤30	PASS
BLE_1M	Ant1	2480	5.31	≤30	PASS

Test Graphs Peak





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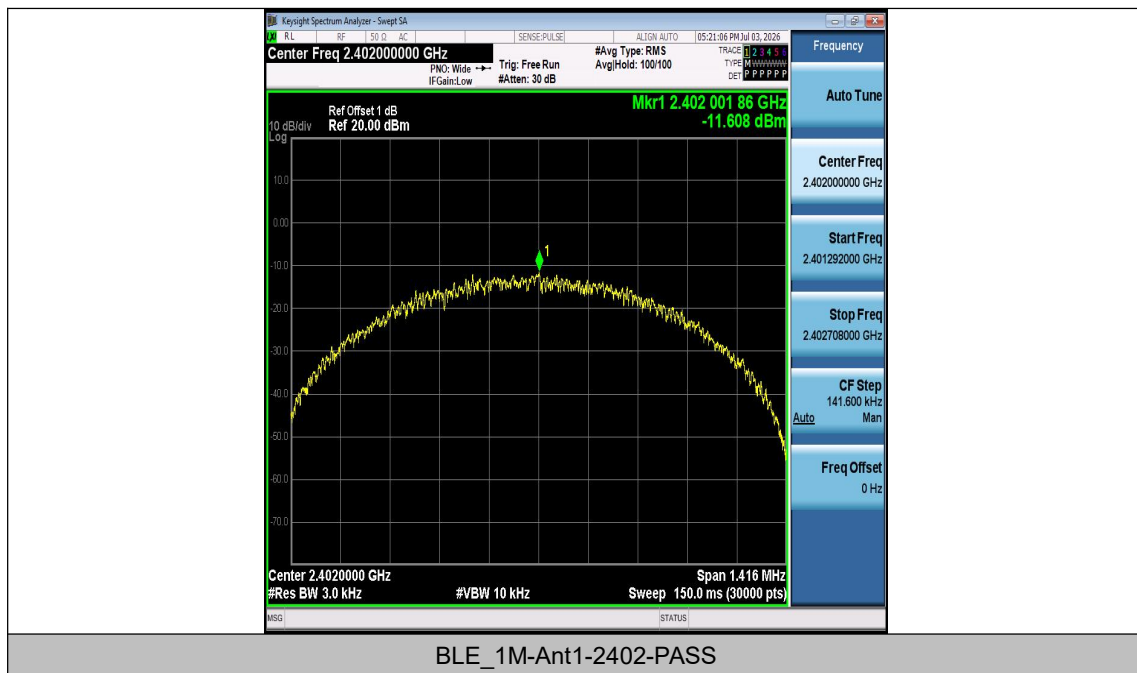
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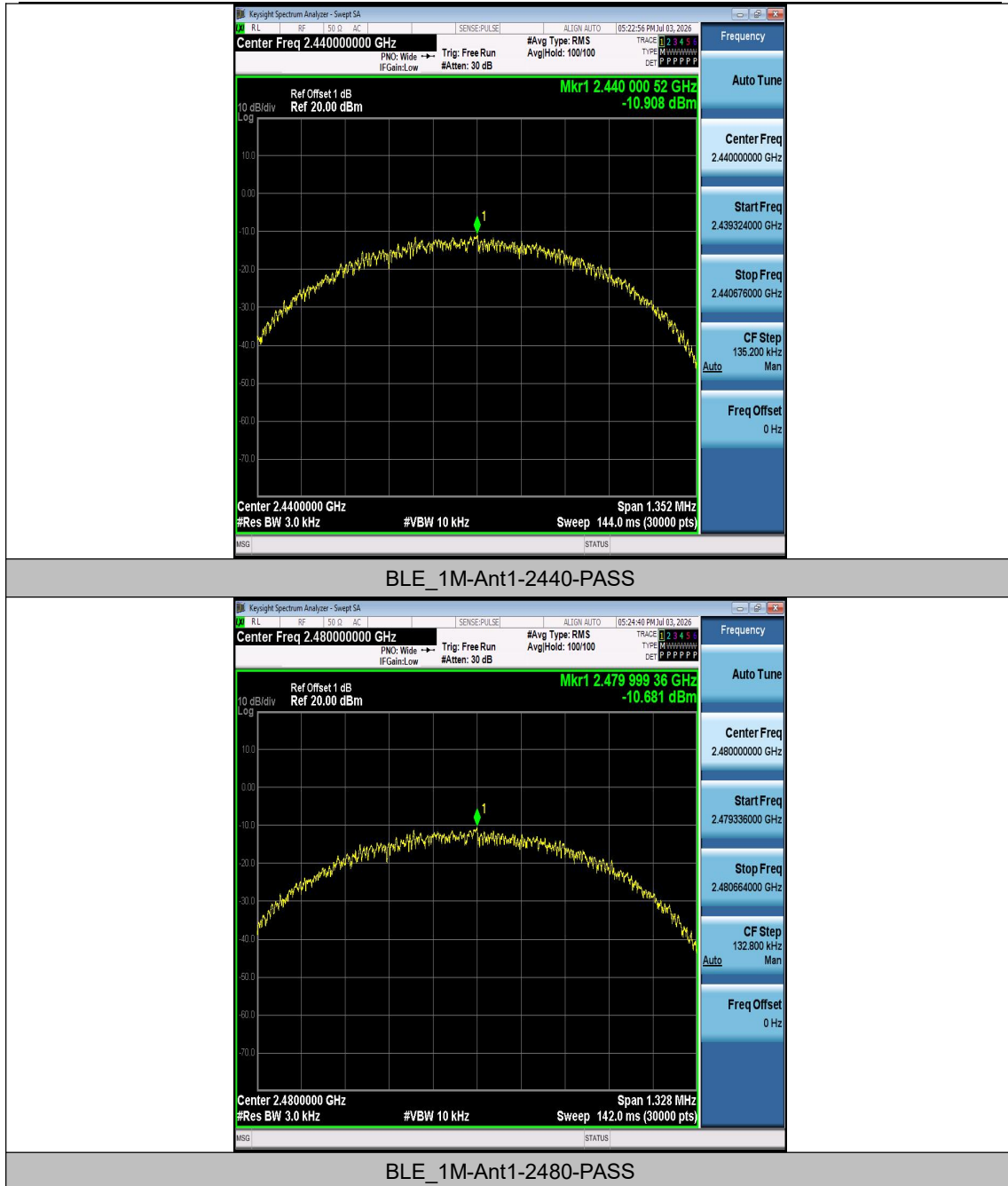
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.61	≤8.00	PASS
BLE_1M	Ant1	2440	-10.91	≤8.00	PASS
BLE_1M	Ant1	2480	-10.68	≤8.00	PASS

Test Graphs





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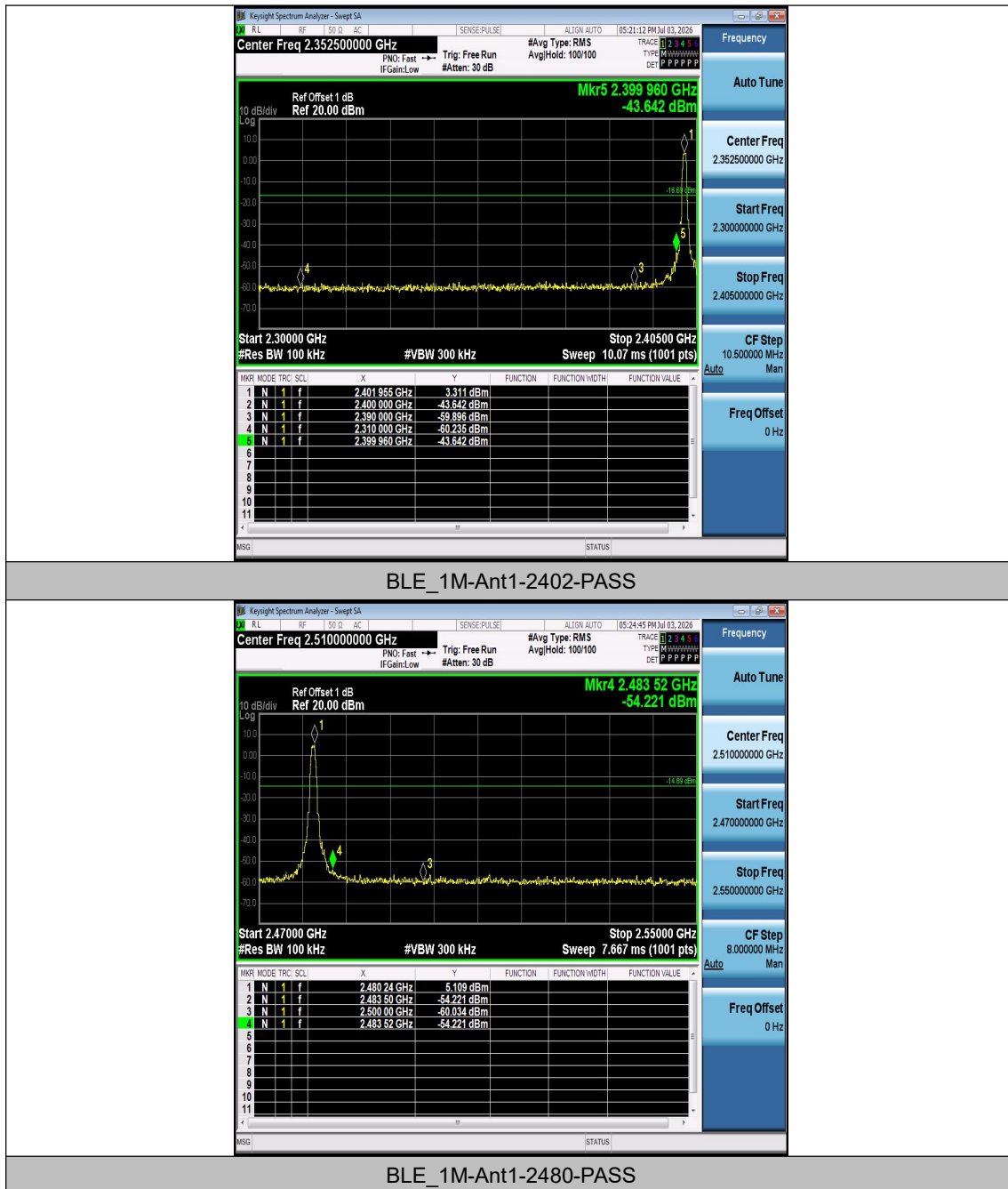
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.31	-43.64	≤-16.69	PASS
BLE_1M	Ant1	High	2480	5.11	-54.22	≤-14.89	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

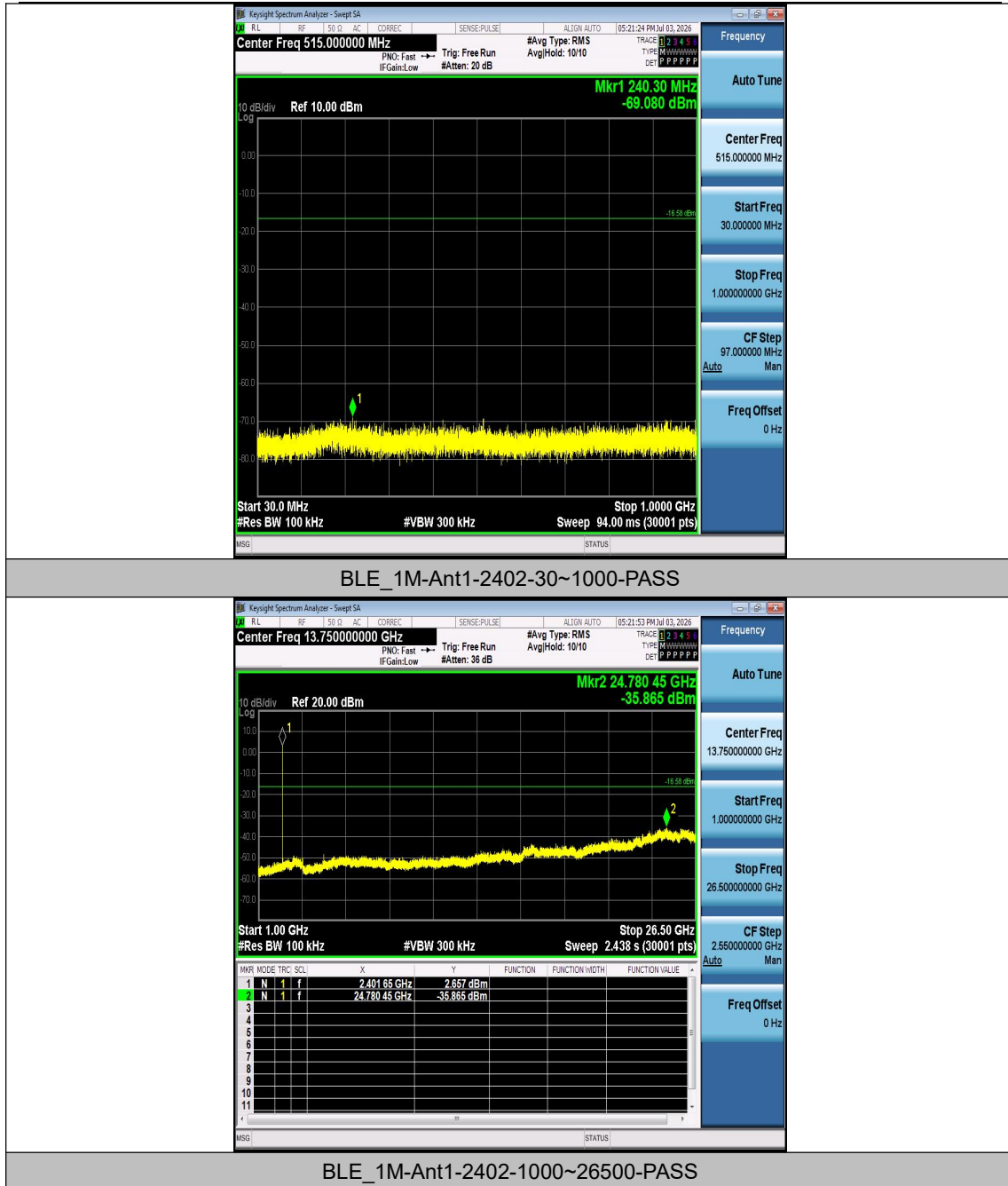
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.42	3.42	---	PASS
BLE_1M	Ant1	2402	30~1000	3.42	-69.08	≤-16.58	PASS
BLE_1M	Ant1	2402	1000~26500	3.42	-35.87	≤-16.58	PASS
BLE_1M	Ant1	2440	0~Reference	4.88	4.88	---	PASS
BLE_1M	Ant1	2440	30~1000	4.88	-68.51	≤-15.12	PASS
BLE_1M	Ant1	2440	1000~26500	4.88	-35.77	≤-15.12	PASS
BLE_1M	Ant1	2480	0~Reference	4.35	4.35	---	PASS
BLE_1M	Ant1	2480	30~1000	4.35	-68.64	≤-15.65	PASS
BLE_1M	Ant1	2480	1000~26500	4.35	-35.71	≤-15.65	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

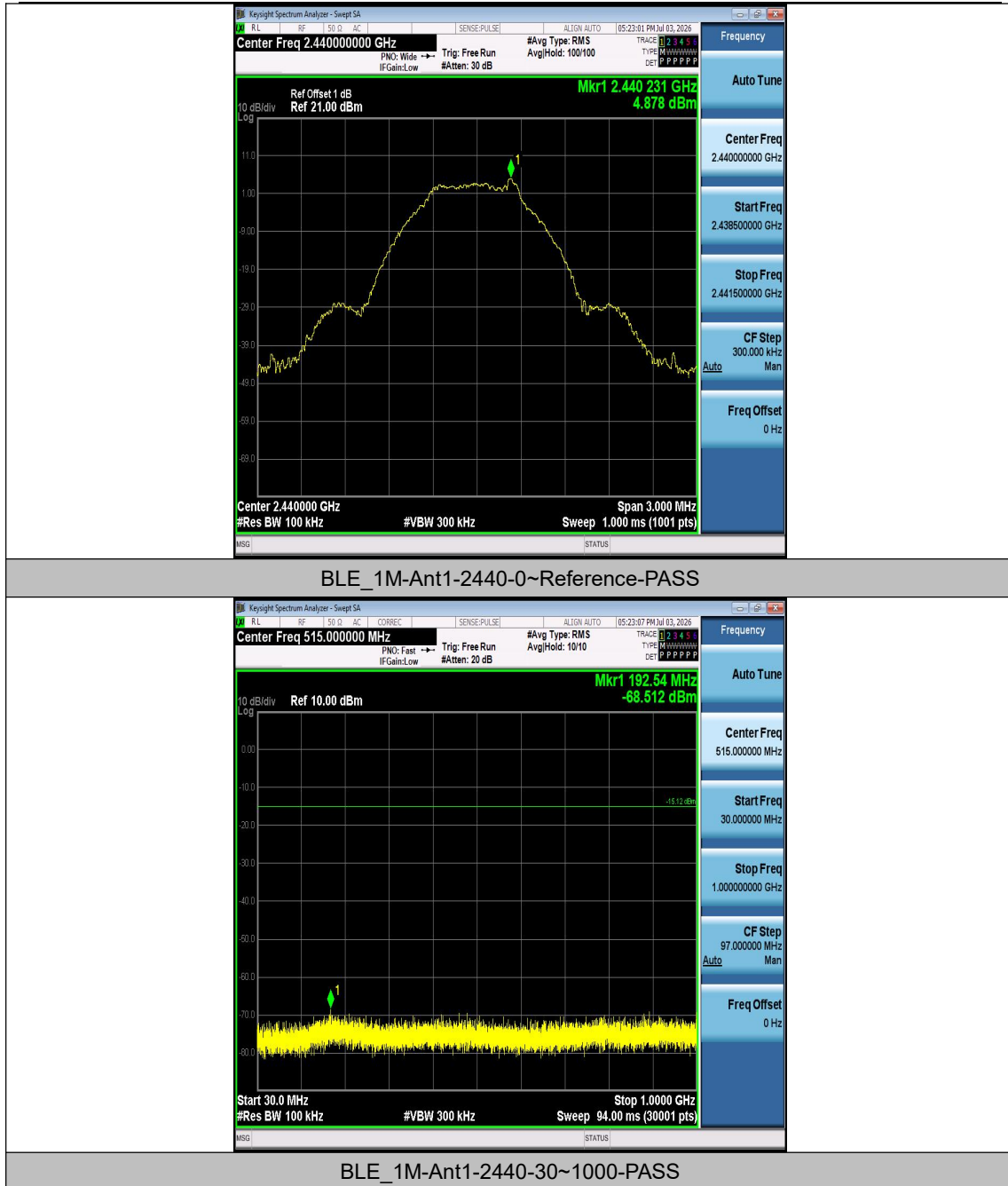




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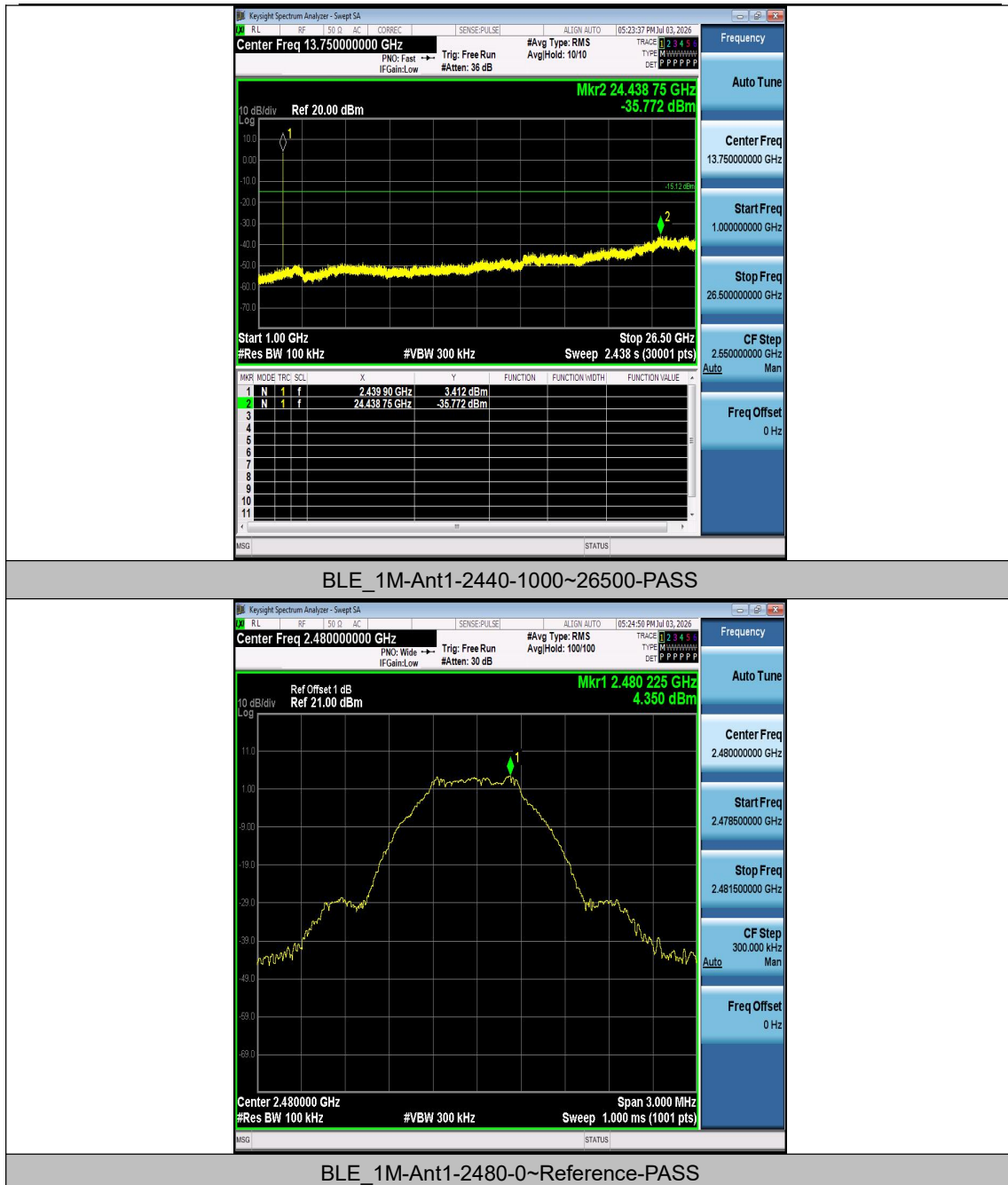
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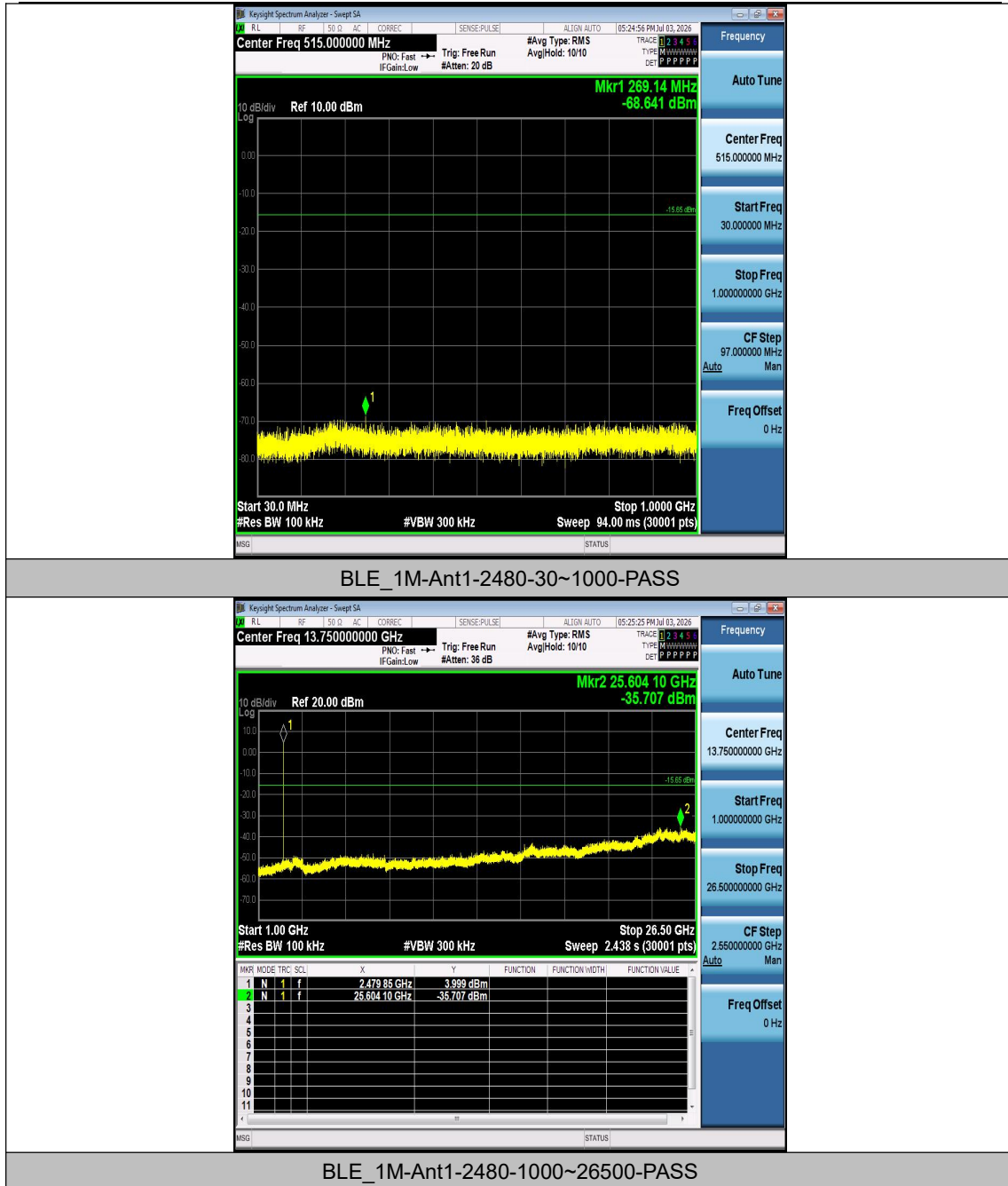
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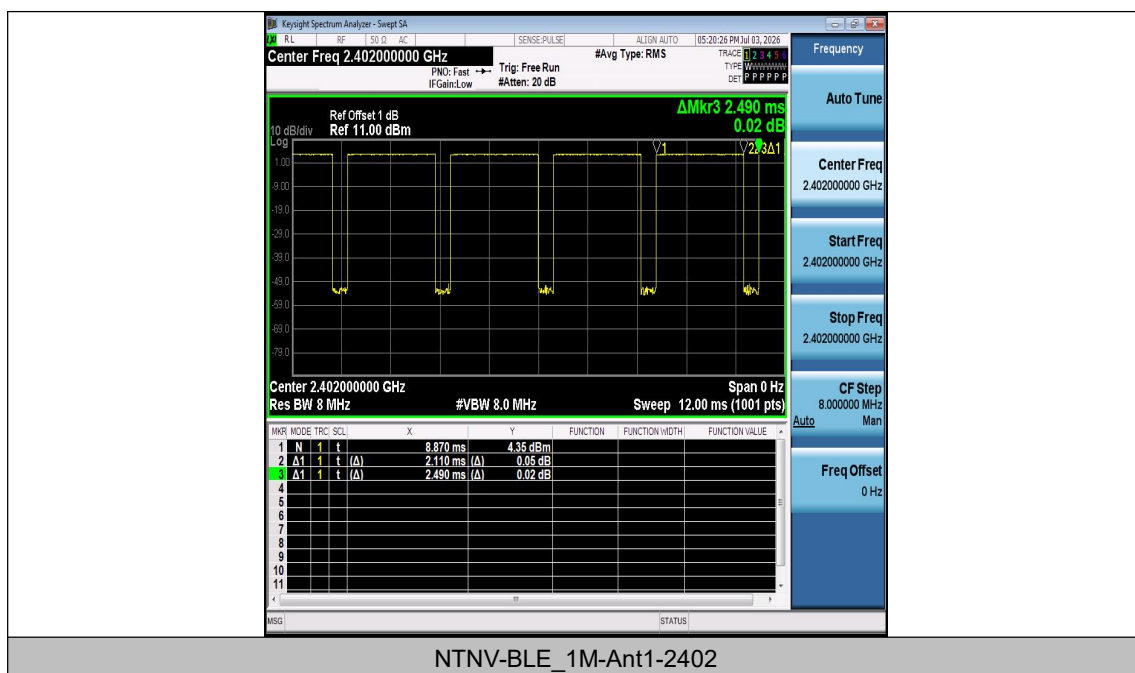
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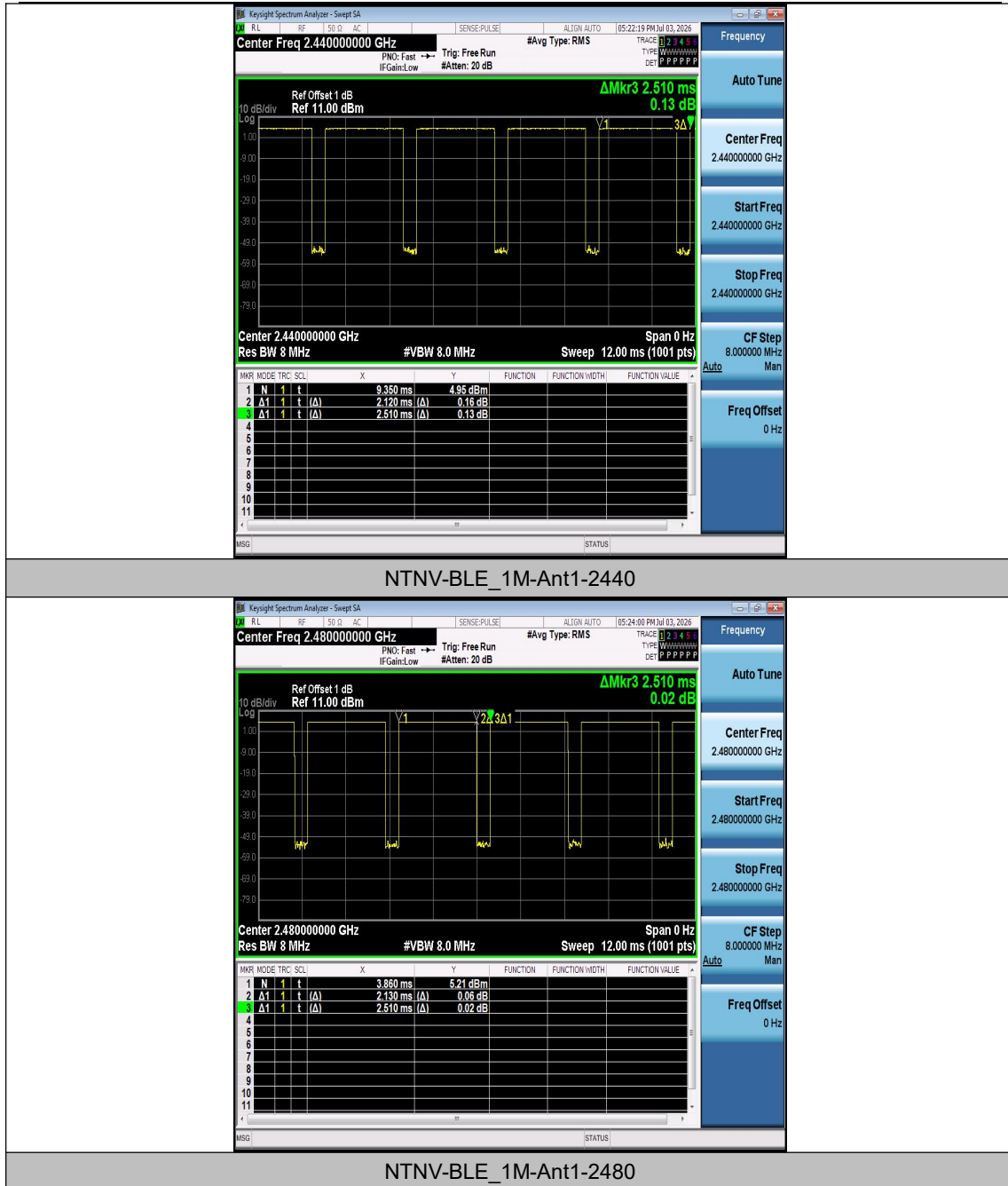
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2440	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71

Test Graphs





---End---