

Appendix Test Data

Report No.:	1813C60248012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-29	Finish Test Date:	2026-7-3
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	27.1°C	Relative Humidity:	42%
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	0.756	2401.640	2402.396	0.5	PASS
BLE_1M	Ant1	2440	0.772	2439.628	2440.400	0.5	PASS
BLE_1M	Ant1	2480	0.768	2479.636	2480.404	0.5	PASS

Test Graphs





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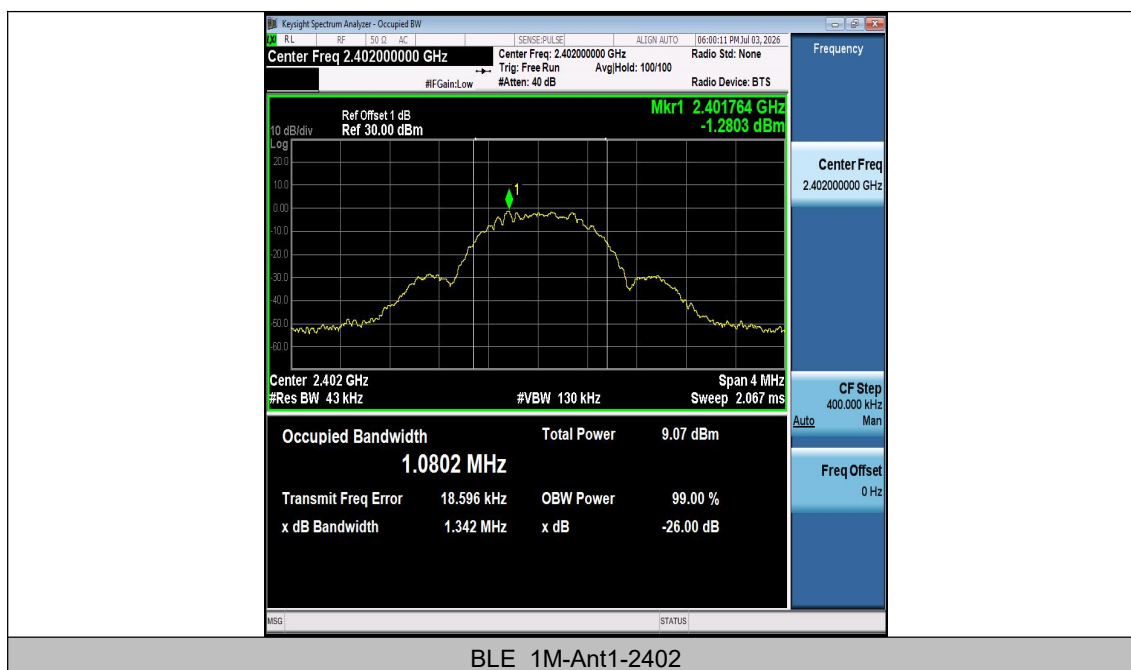
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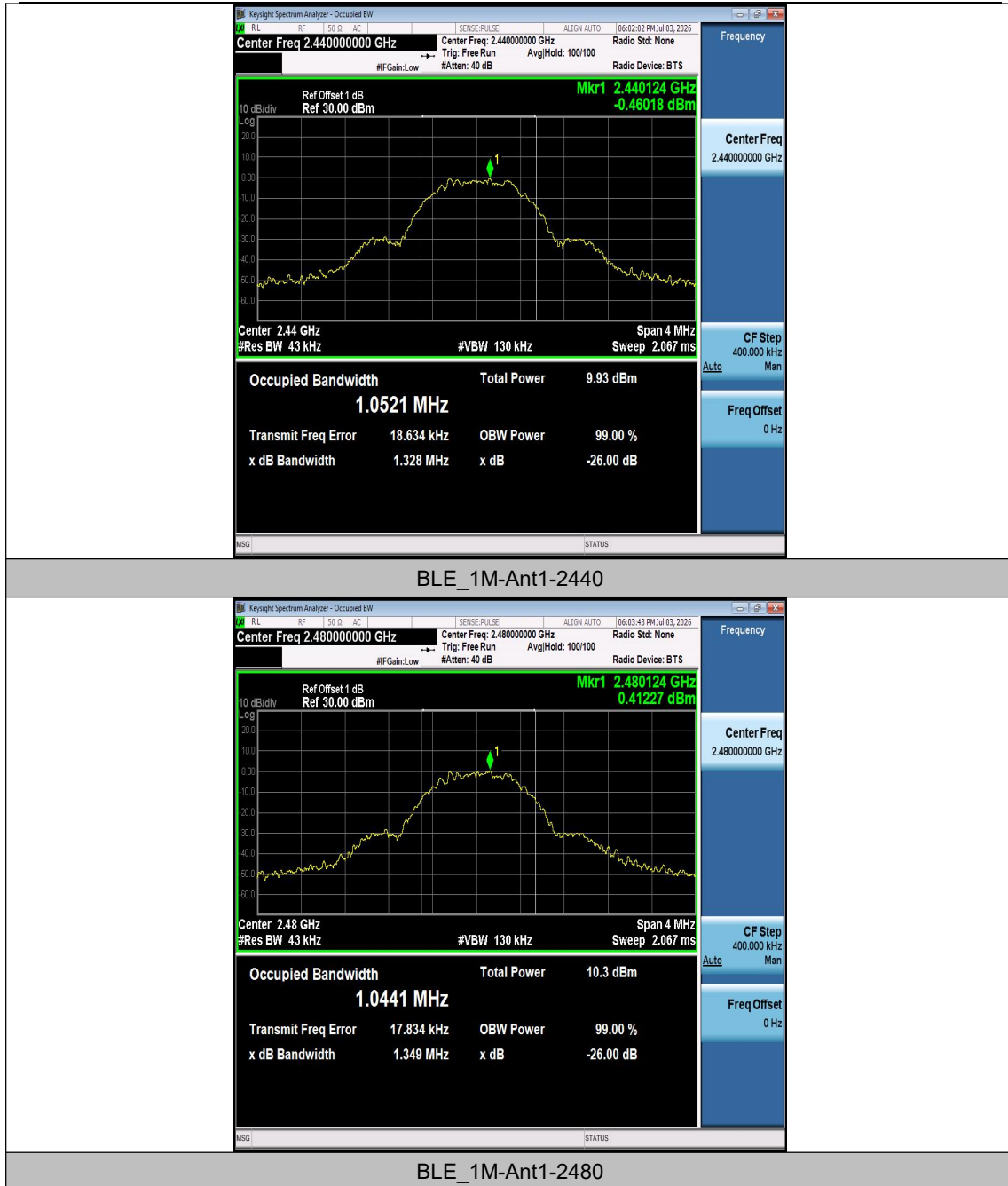
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0802	2401.4785	2402.5587	---	---
BLE_1M	Ant1	2440	1.0521	2439.4926	2440.5447	---	---
BLE_1M	Ant1	2480	1.0441	2479.4958	2480.5399	---	---

Test Graphs





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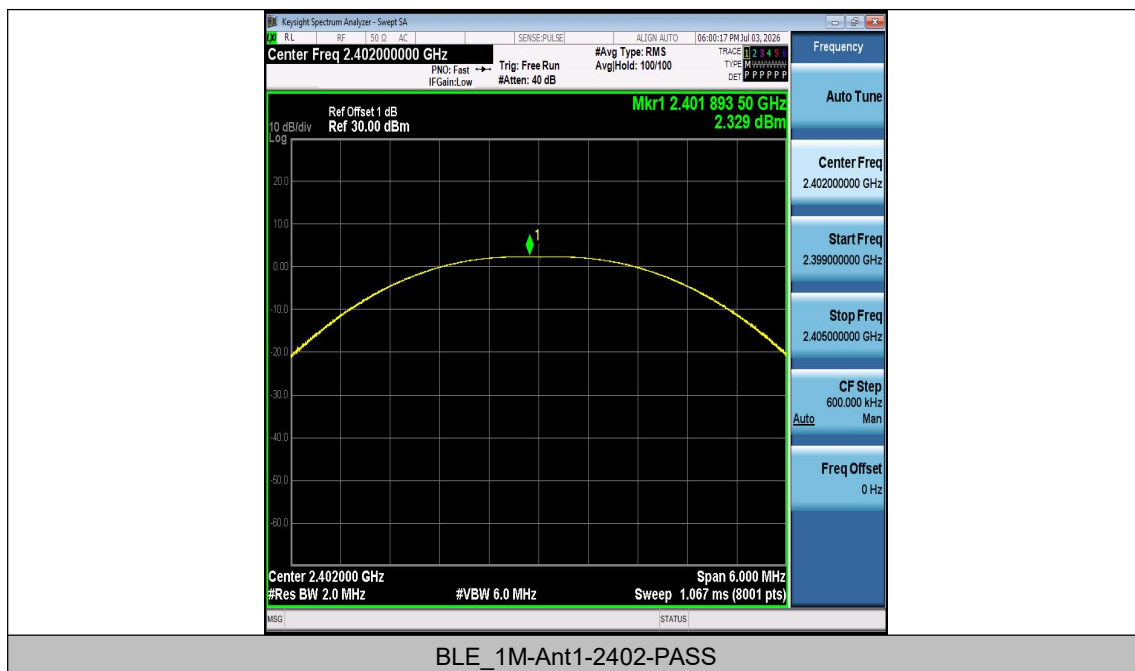
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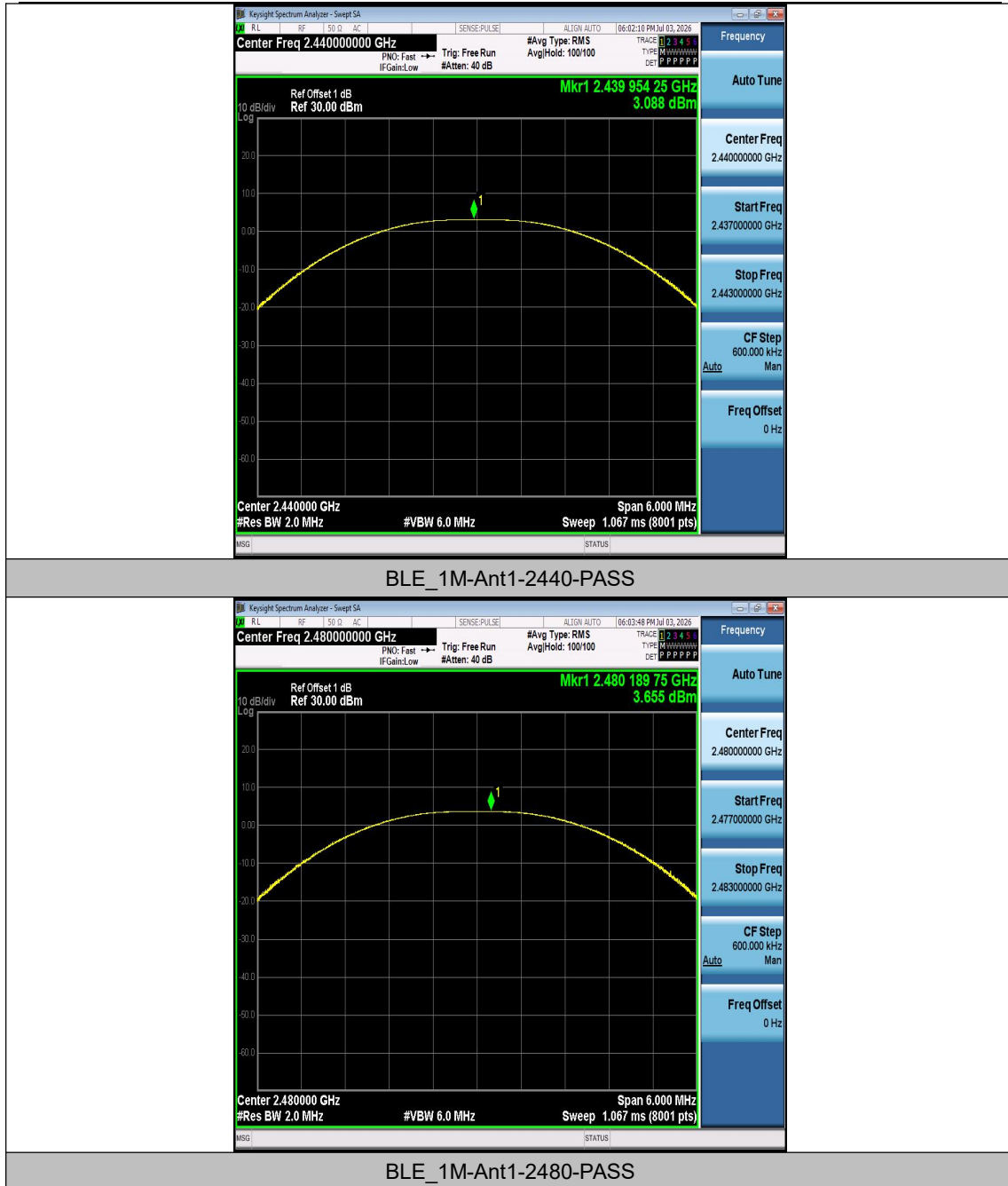
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.33	≤30	PASS
BLE_1M	Ant1	2440	3.09	≤30	PASS
BLE_1M	Ant1	2480	3.66	≤30	PASS

Test Graphs Peak





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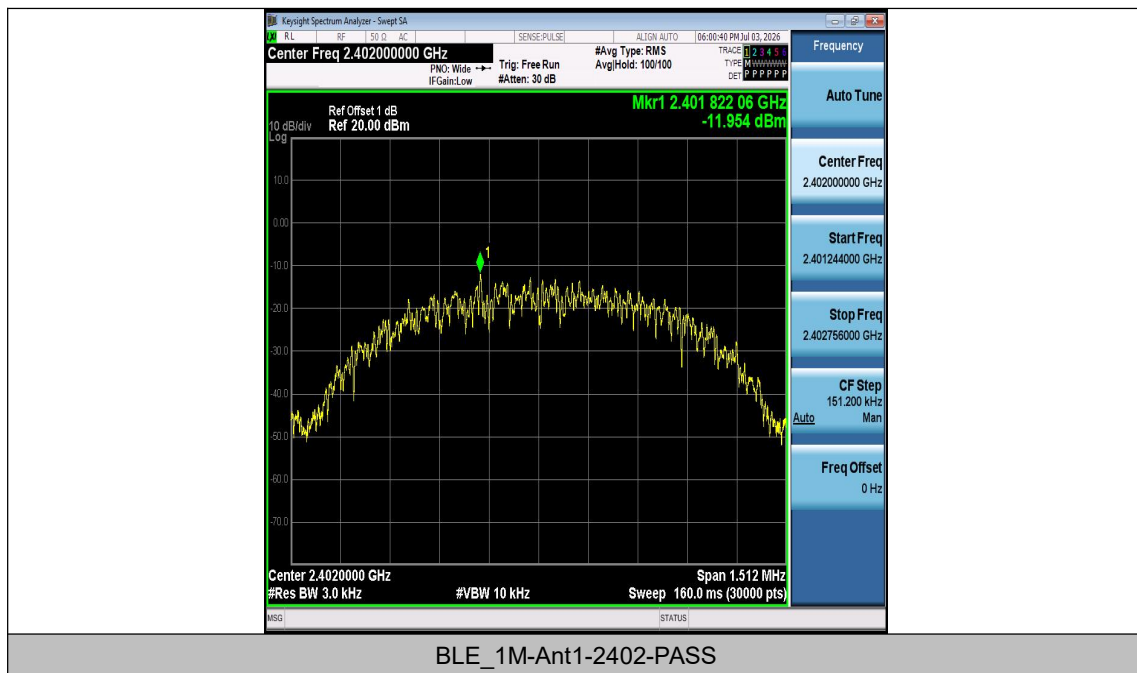
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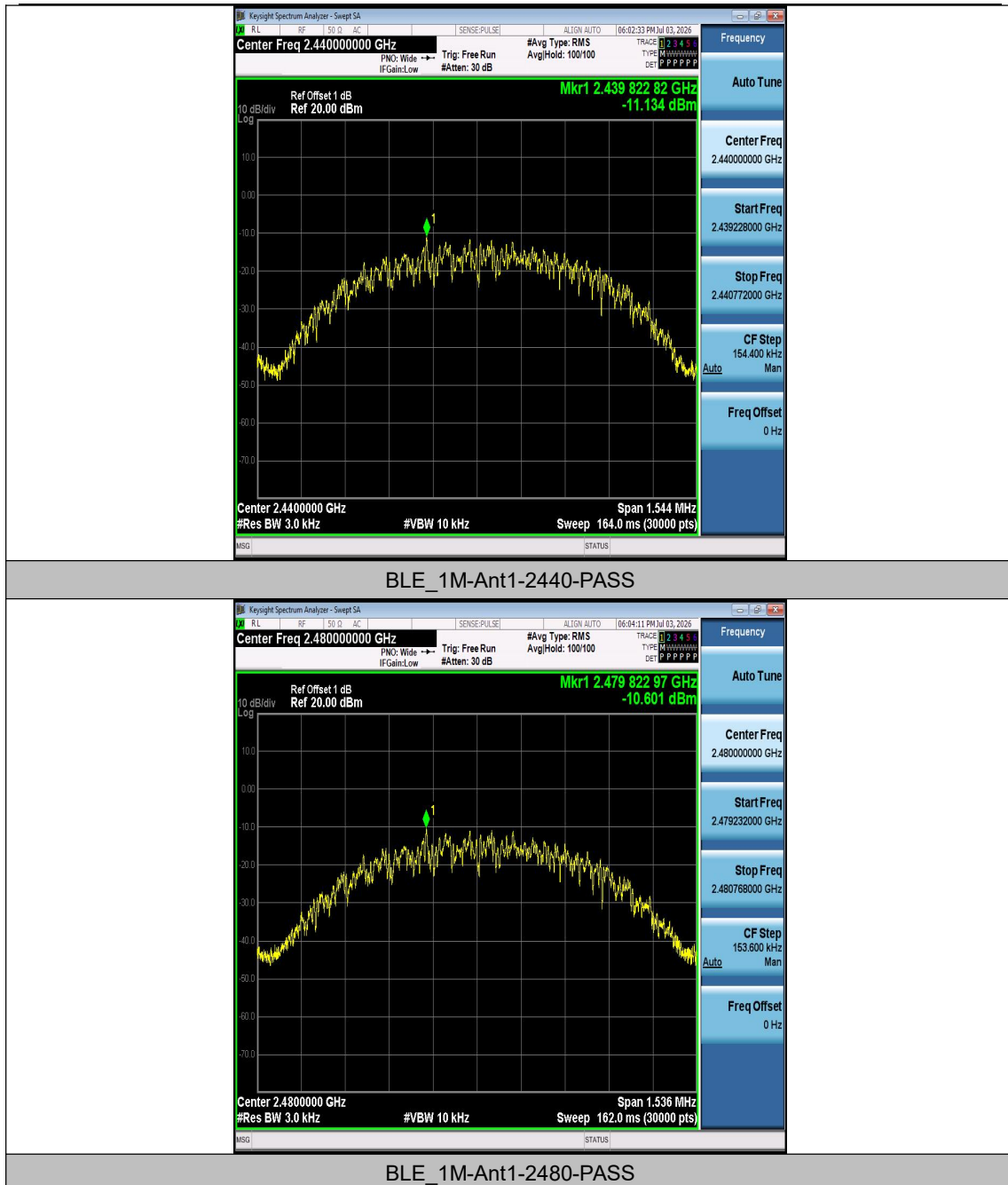
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-11.95	≤8.00	PASS
BLE_1M	Ant1	2440	-11.13	≤8.00	PASS
BLE_1M	Ant1	2480	-10.60	≤8.00	PASS

Test Graphs





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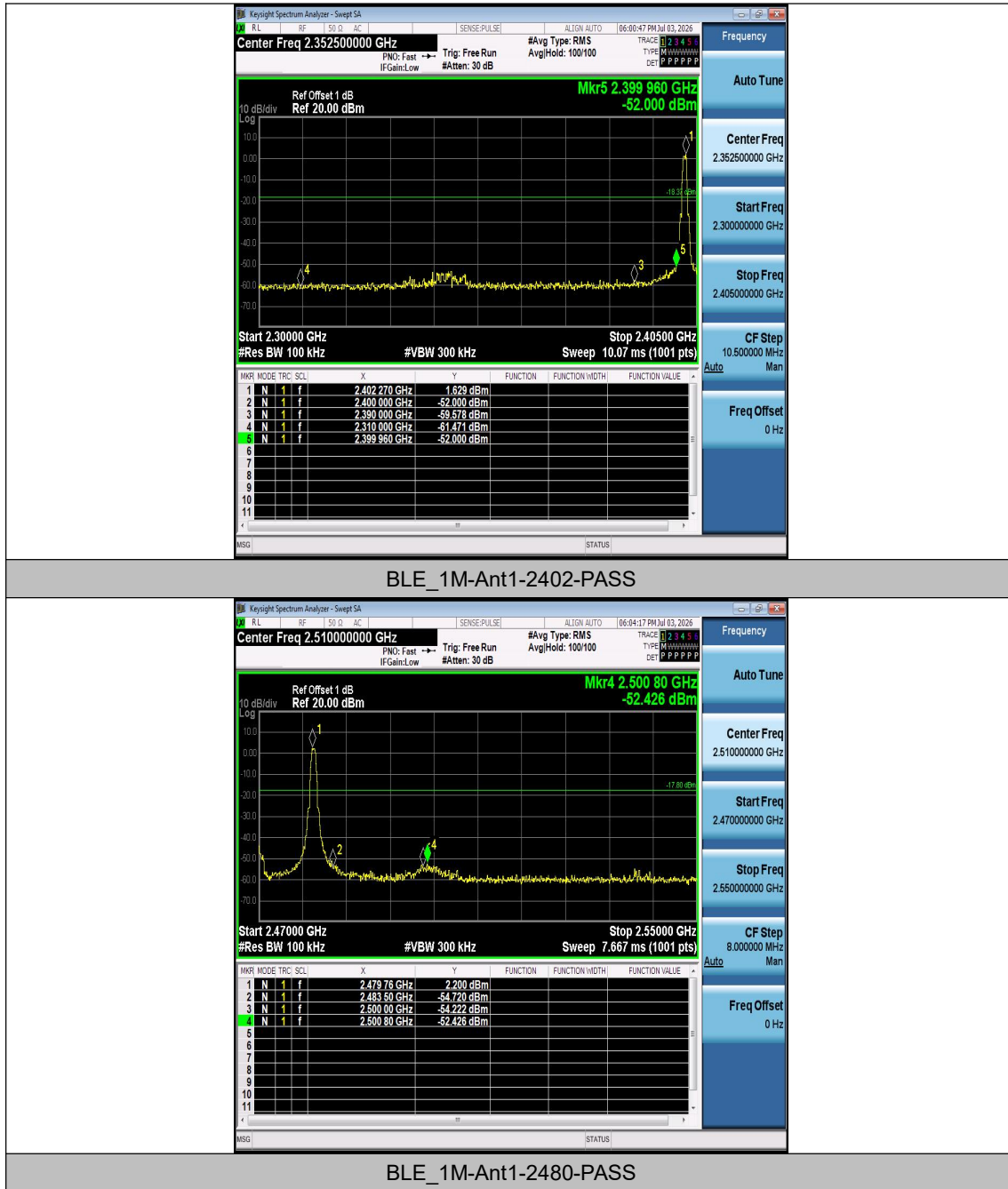
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.63	-52	≤-18.37	PASS
BLE_1M	Ant1	High	2480	2.20	-52.43	≤-17.8	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

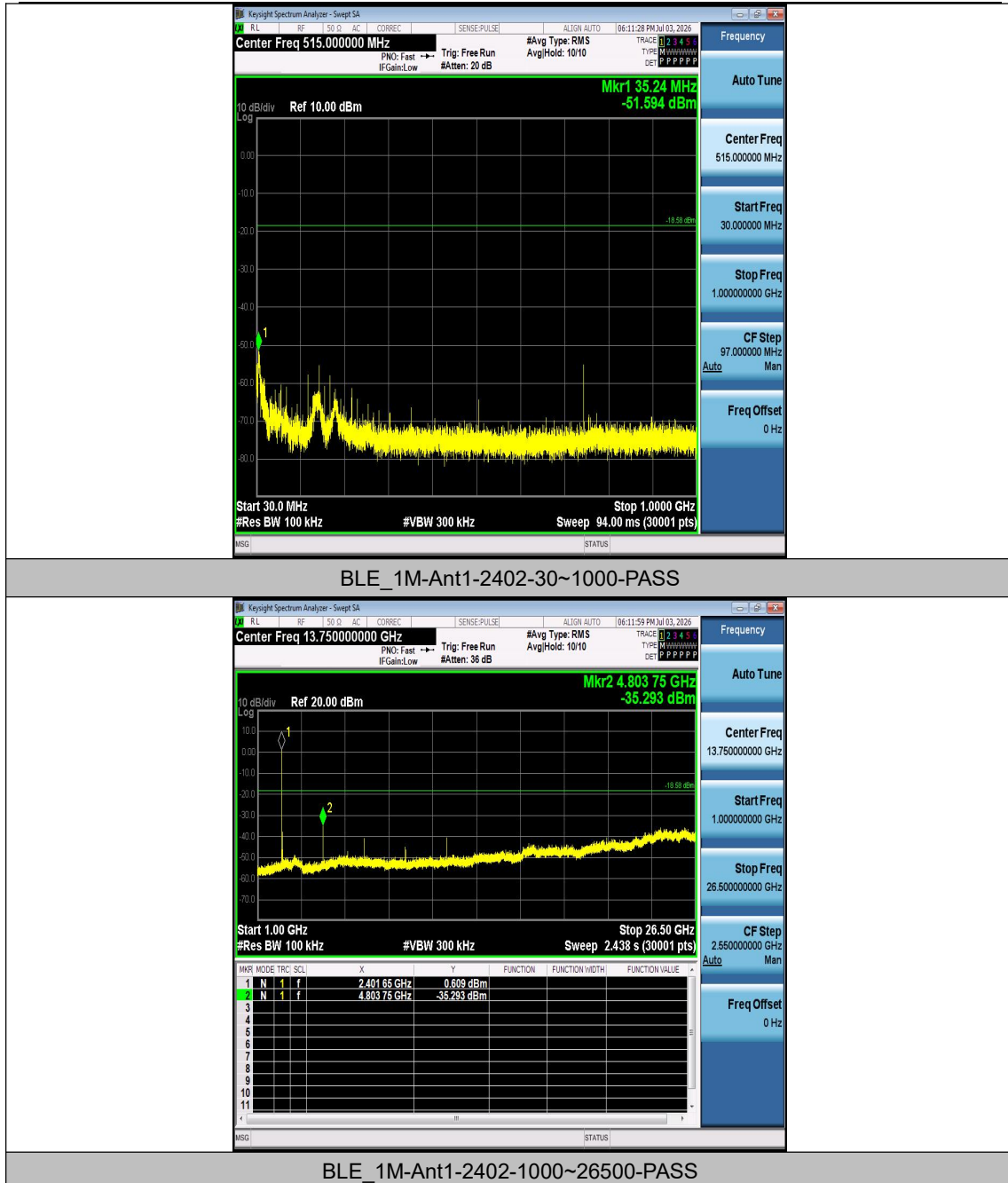
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.42	1.42	---	PASS
BLE_1M	Ant1	2402	30~1000	1.42	-51.59	≤-18.58	PASS
BLE_1M	Ant1	2402	1000~26500	1.42	-35.29	≤-18.58	PASS
BLE_1M	Ant1	2440	0~Reference	2.21	2.21	---	PASS
BLE_1M	Ant1	2440	30~1000	2.21	-51.18	≤-17.79	PASS
BLE_1M	Ant1	2440	1000~26500	2.21	-36.22	≤-17.79	PASS
BLE_1M	Ant1	2480	0~Reference	2.48	2.48	---	PASS
BLE_1M	Ant1	2480	30~1000	2.48	-50.44	≤-17.52	PASS
BLE_1M	Ant1	2480	1000~26500	2.48	-35.83	≤-17.52	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

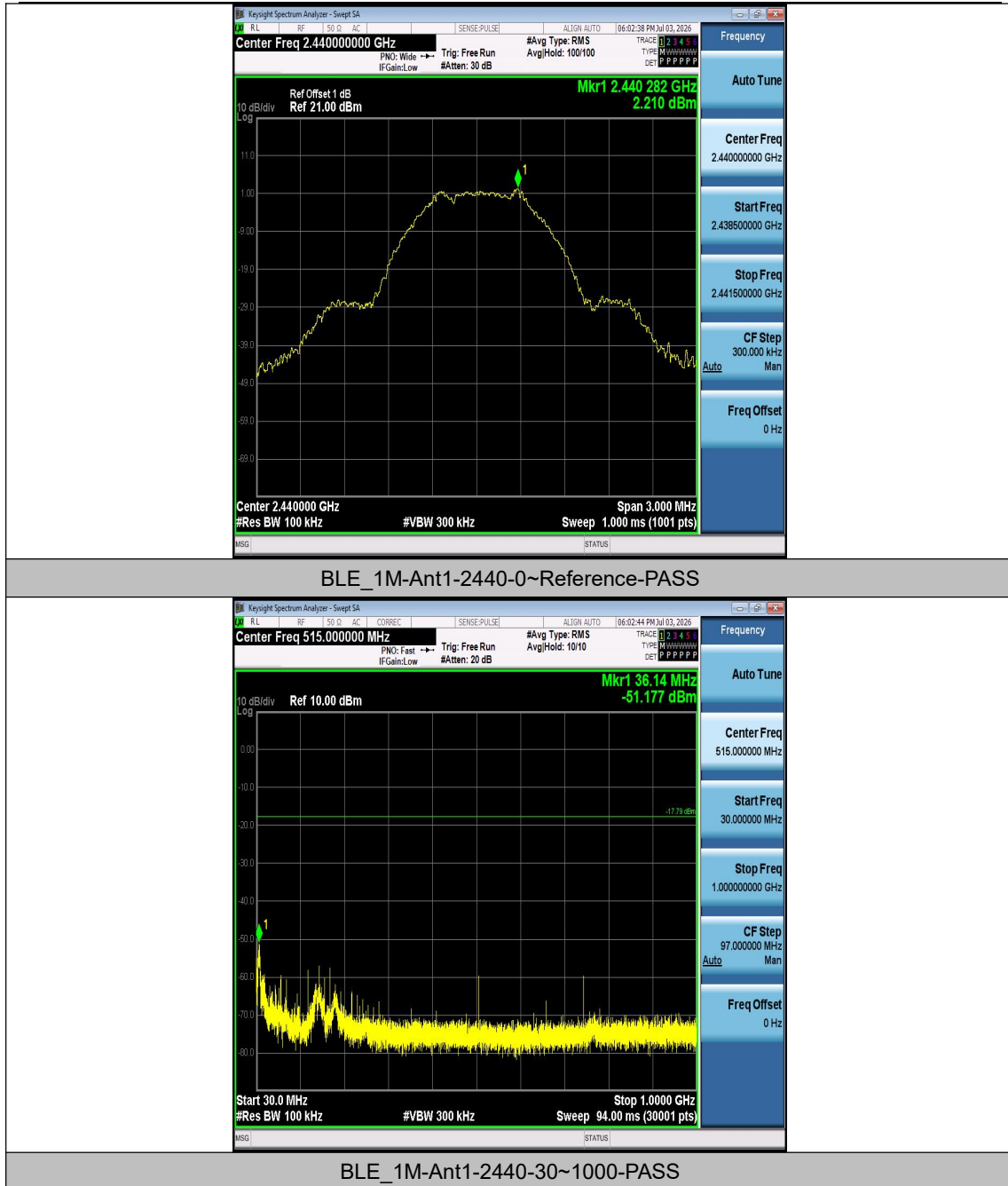




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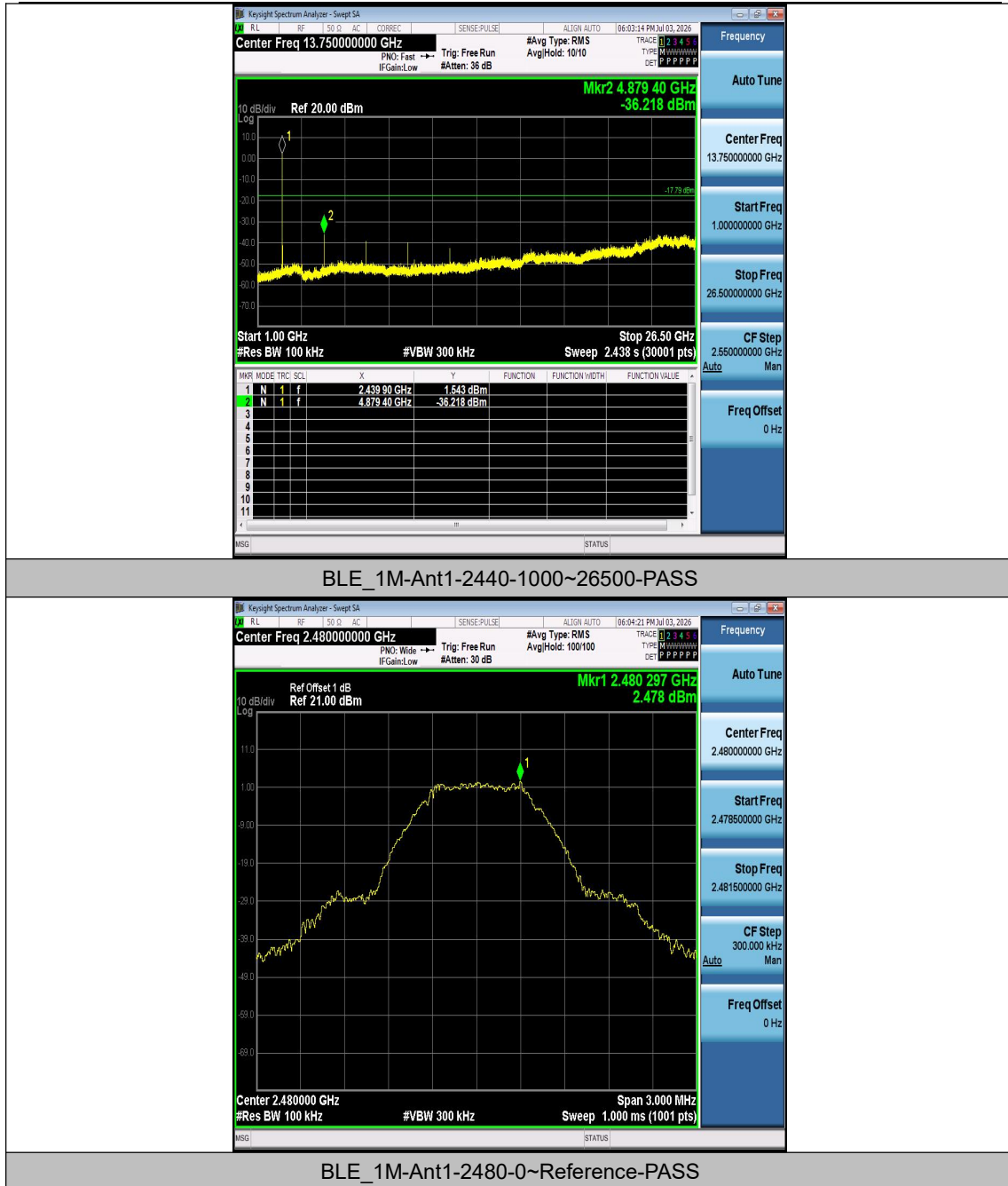
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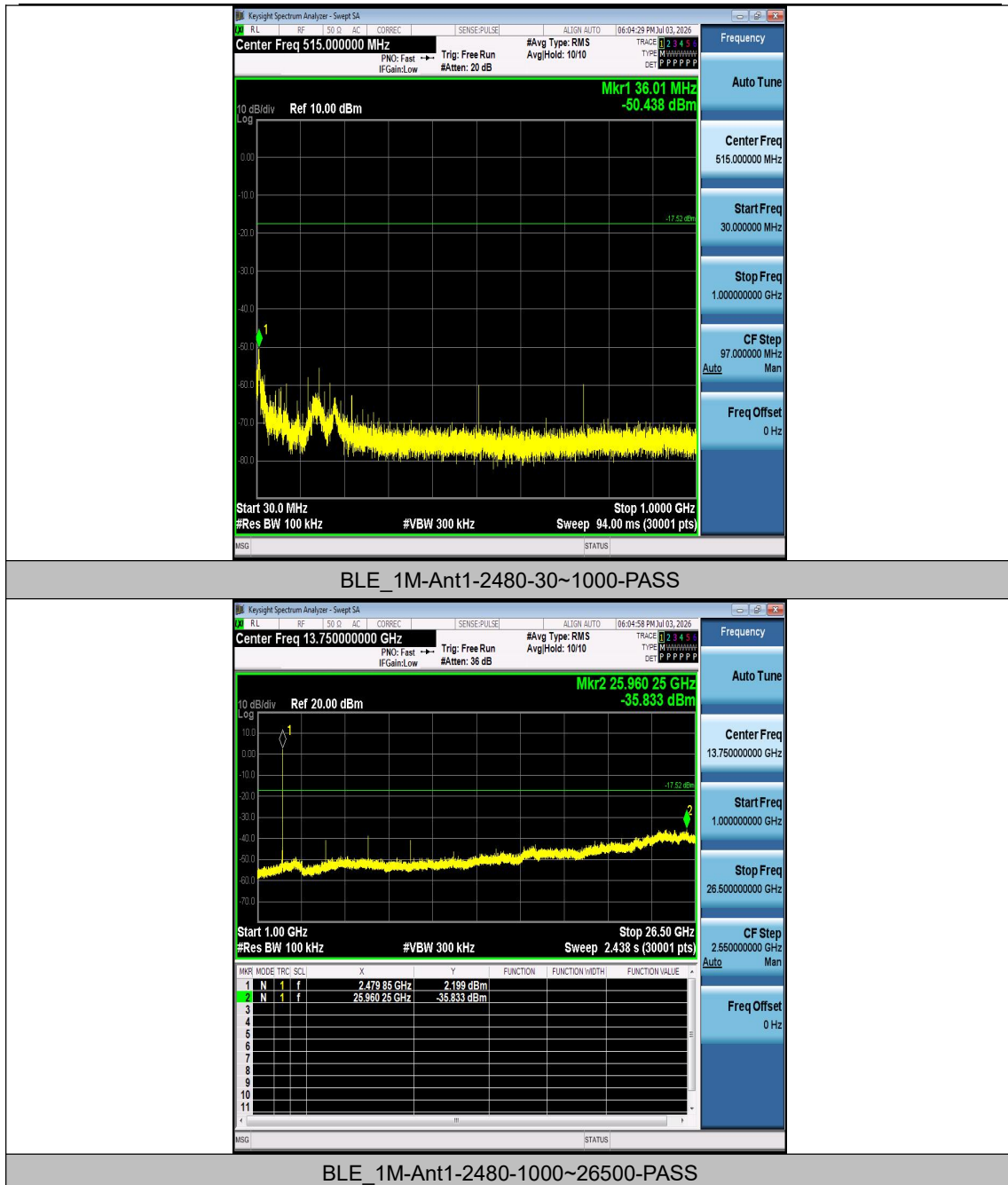
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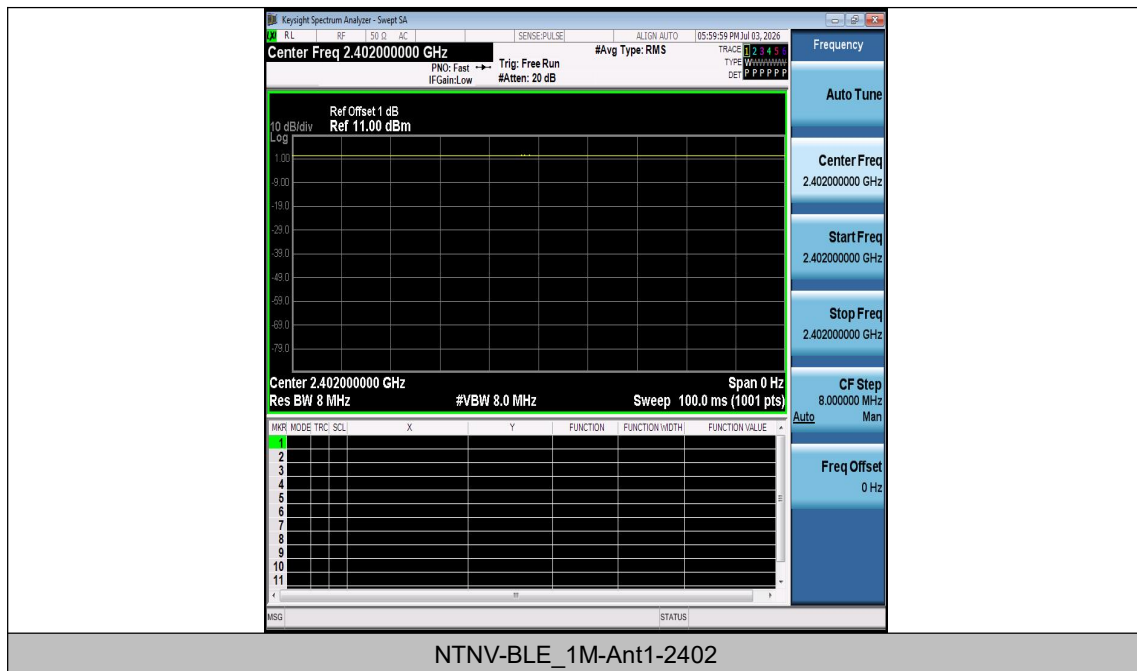
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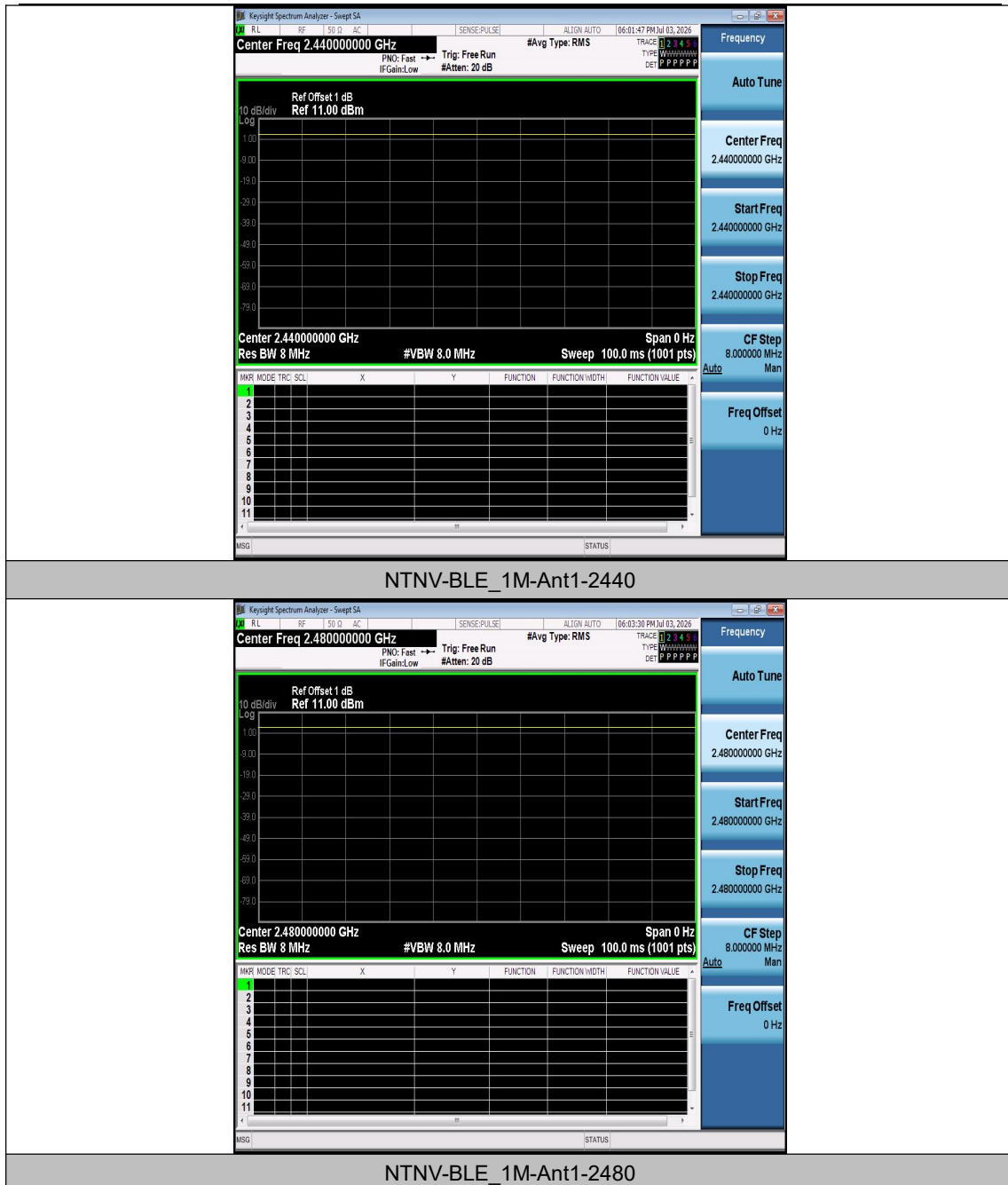
Appendix G: Duty Cycle

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





---End---