

Appendix Test Data

Report No.:	1812C60235912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-27	Finish Test Date:	2026-4-30
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.1℃	Relative Humidity:	61%
Pressure:	101kPa		

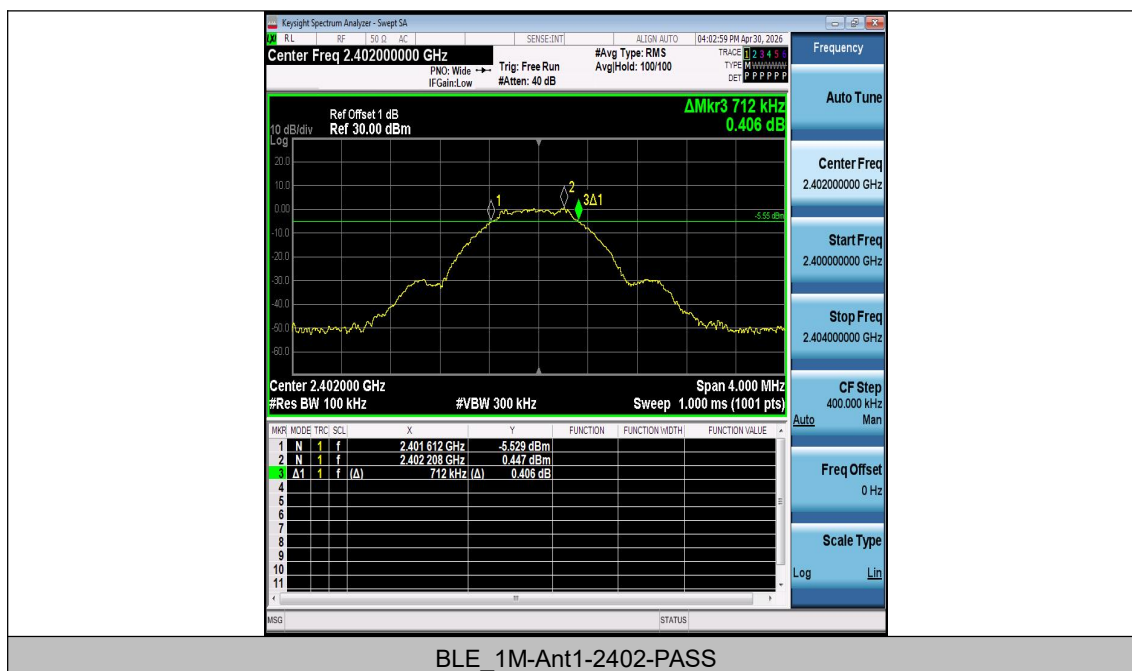


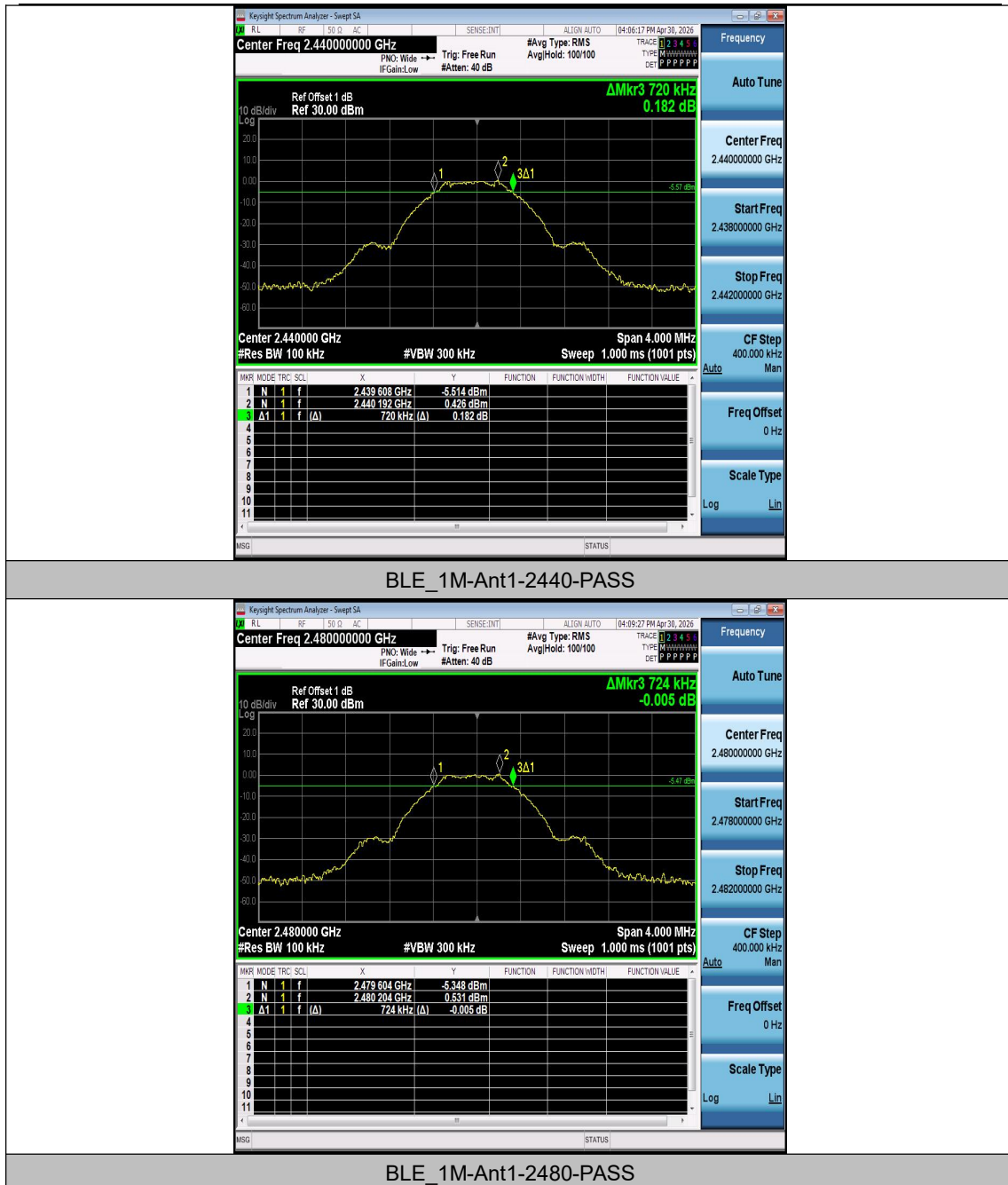
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.712	2401.612	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.720	2439.608	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.724	2479.604	2480.328	0.5	PASS

Test Graphs



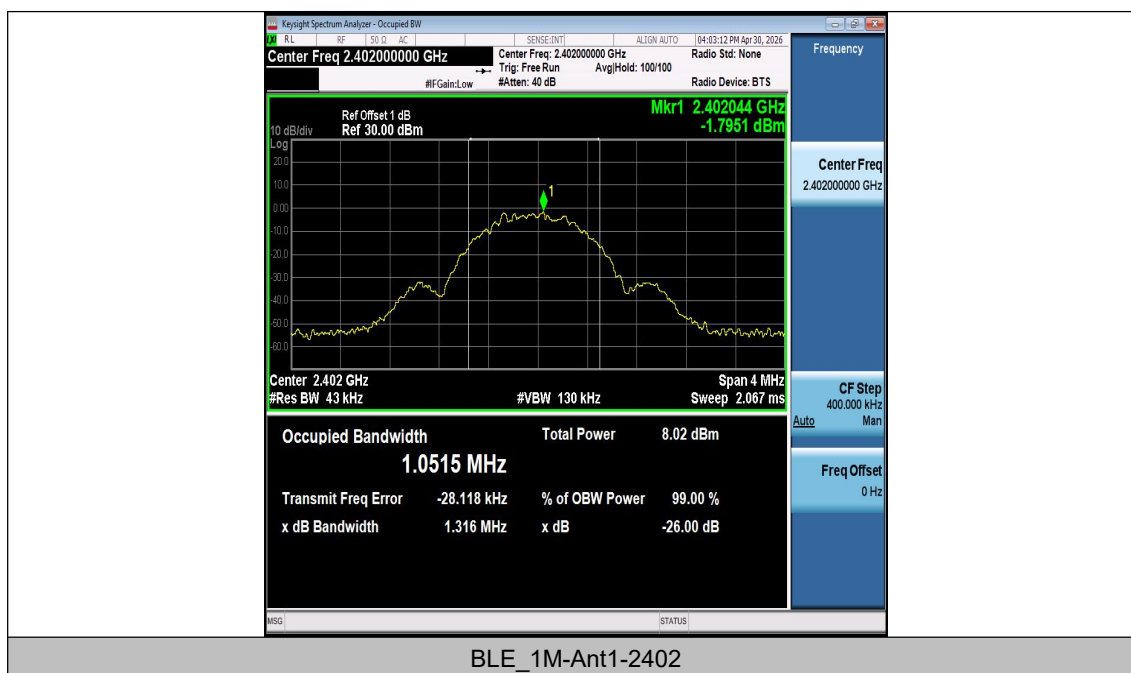


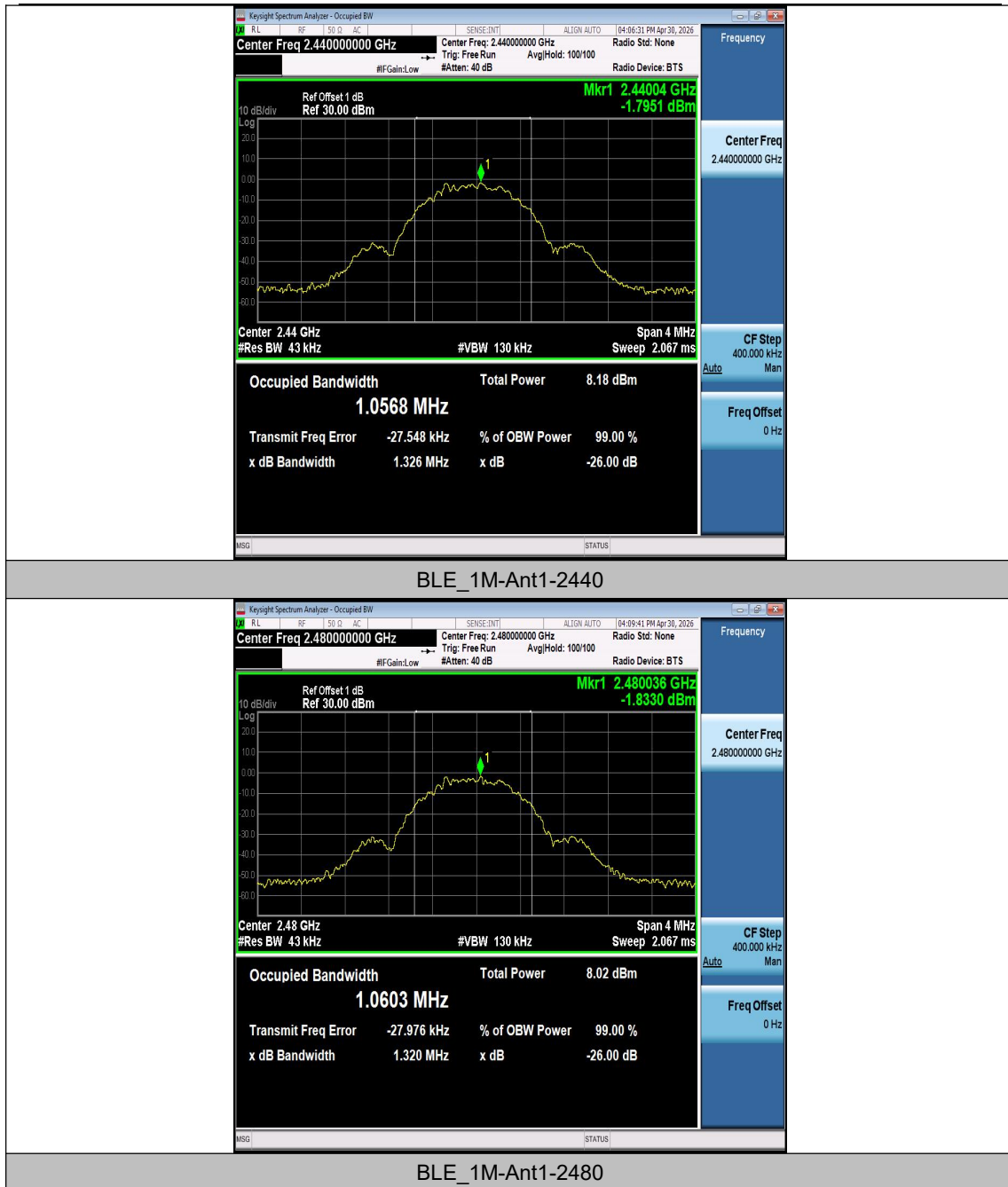
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0515	2401.4461	2402.4976	---	---
BLE_1M	Ant1	2440	1.0568	2439.4441	2440.5009	---	---
BLE_1M	Ant1	2480	1.0603	2479.4419	2480.5022	---	---

Test Graphs





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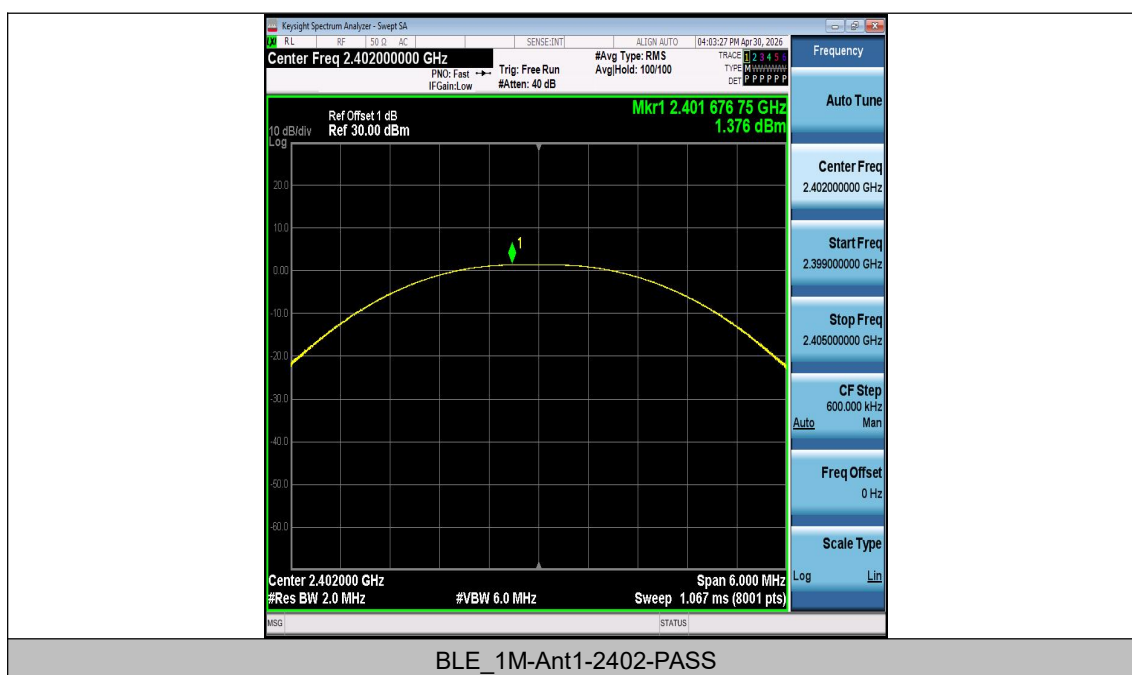
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

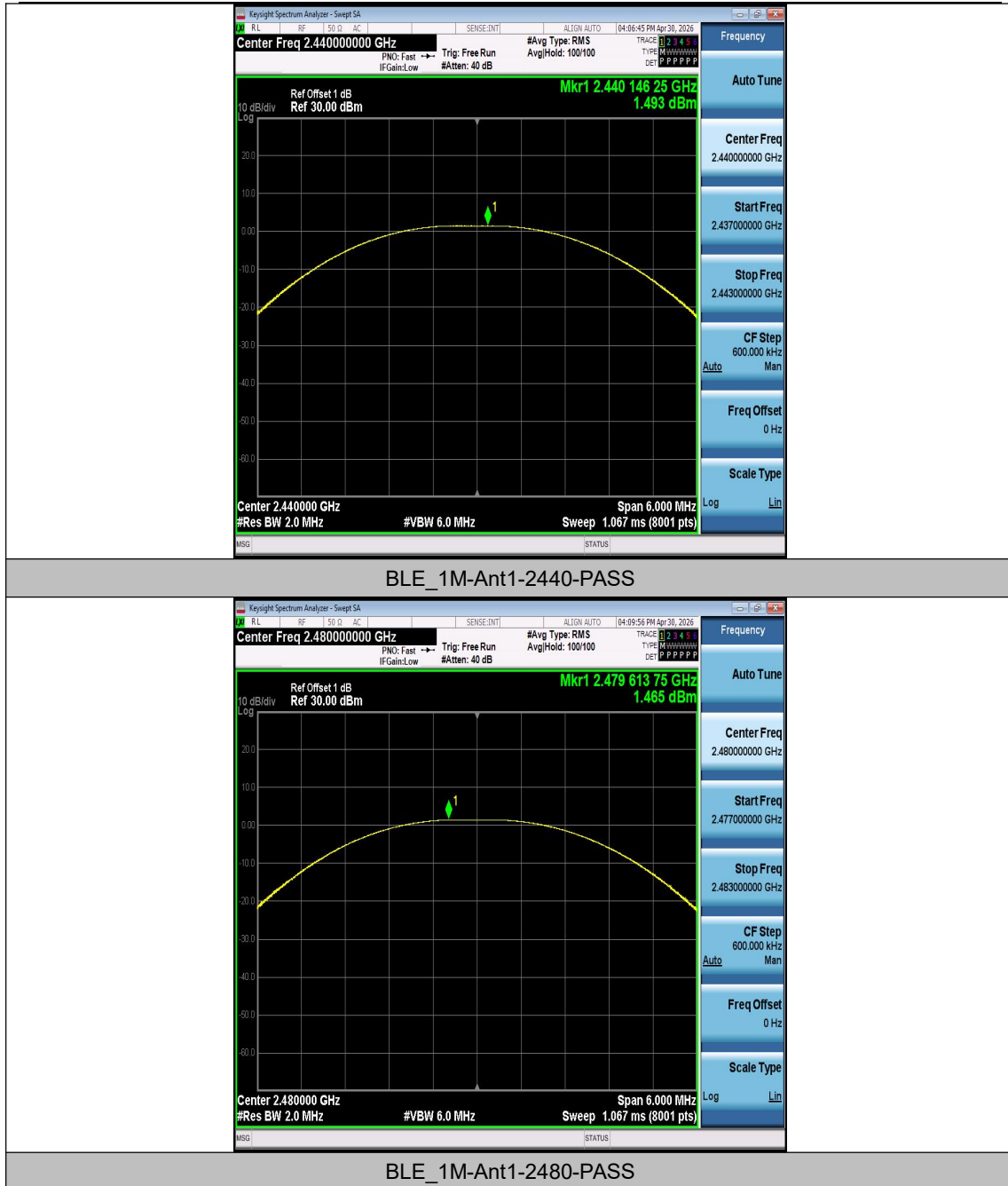
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.38	≤30	PASS
BLE_1M	Ant1	2440	1.49	≤30	PASS
BLE_1M	Ant1	2480	1.47	≤30	PASS

Test Graphs Peak





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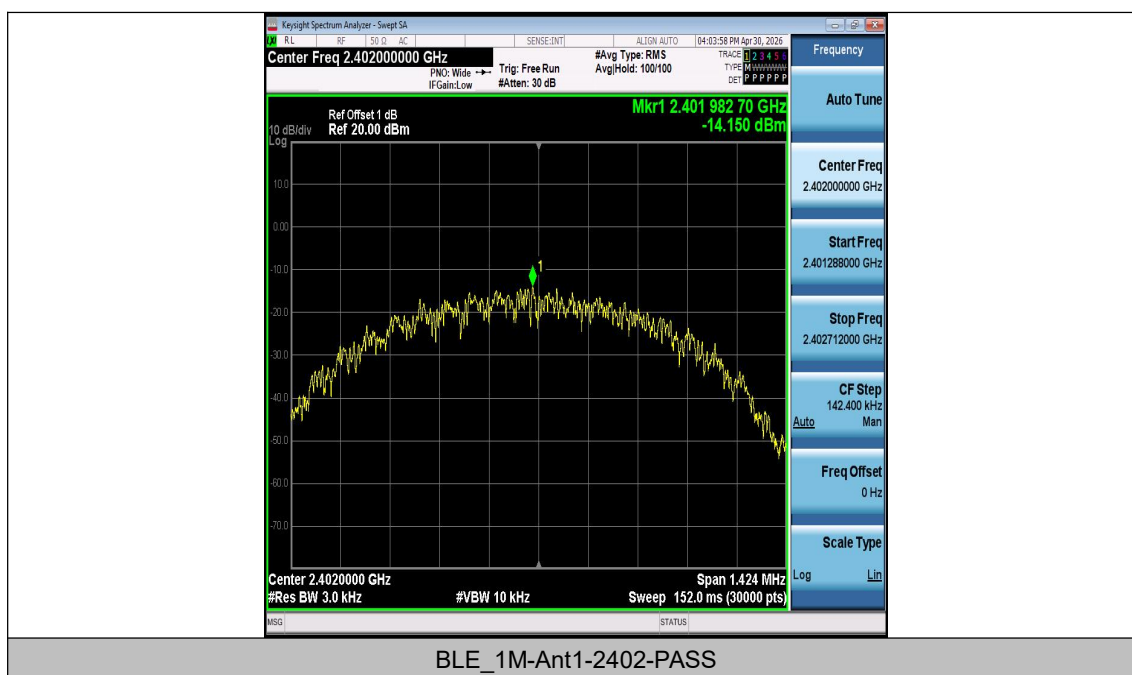
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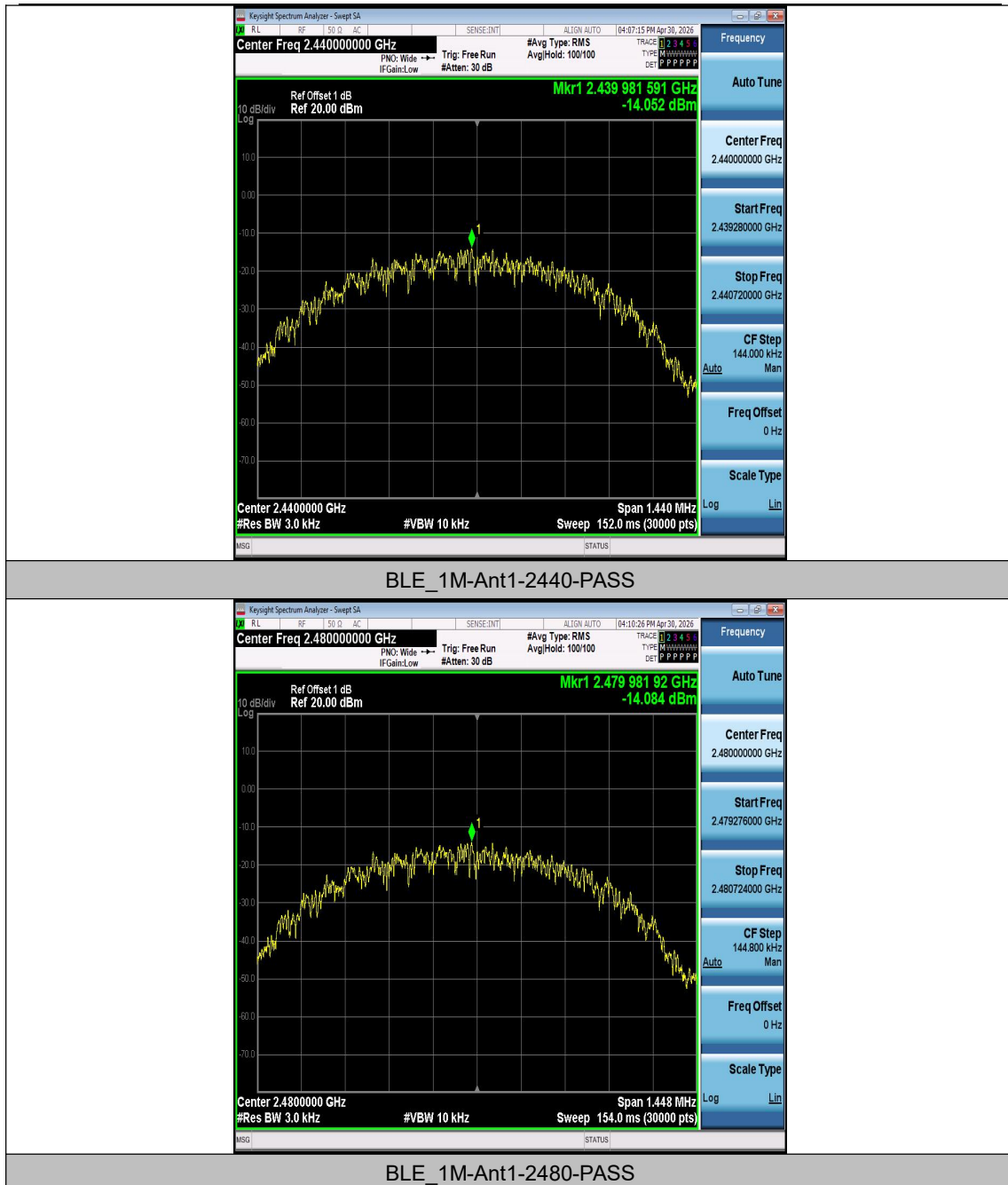
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.15	≤8.00	PASS
BLE_1M	Ant1	2440	-14.05	≤8.00	PASS
BLE_1M	Ant1	2480	-14.08	≤8.00	PASS

Test Graphs





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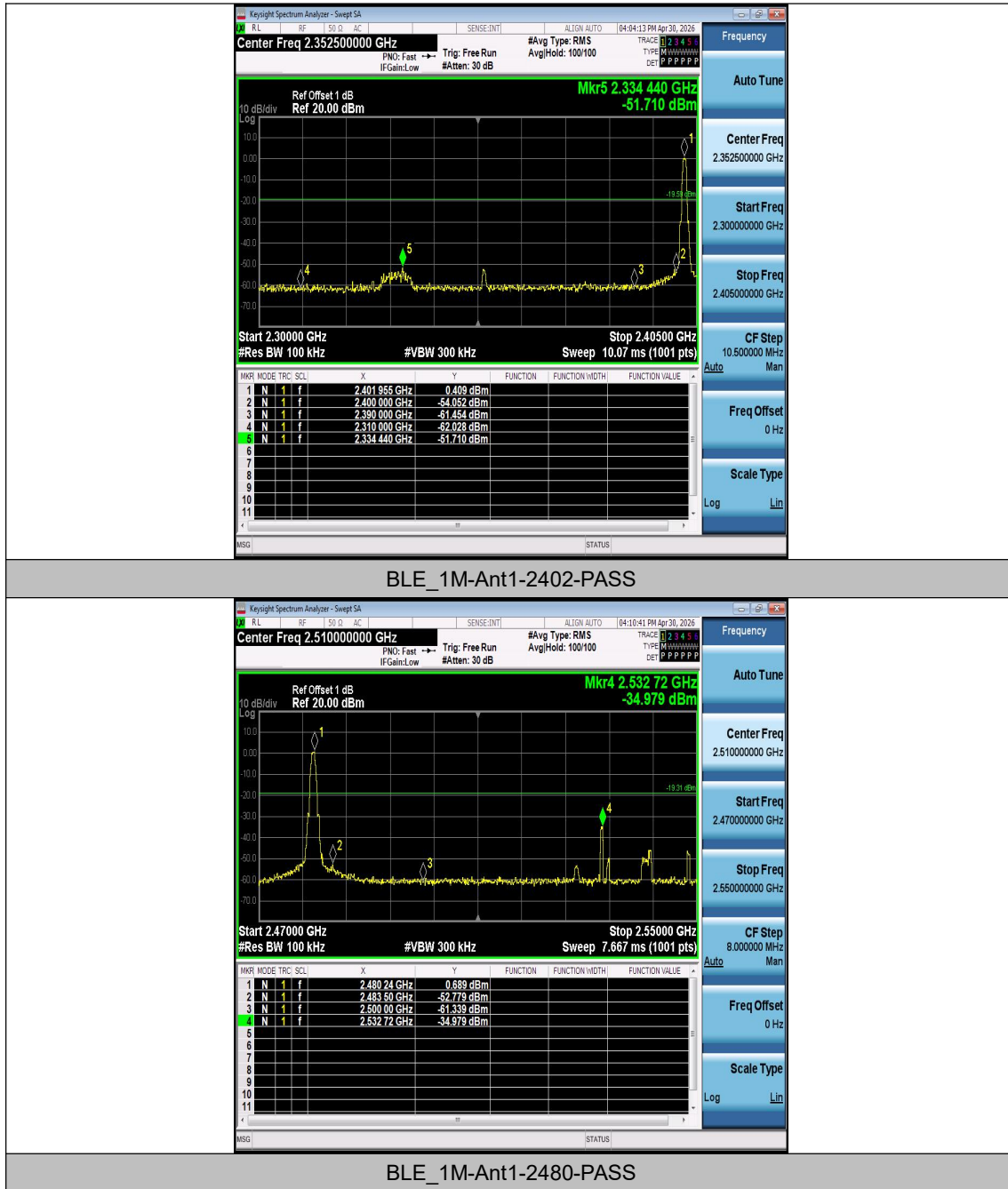
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.41	-51.71	≤-19.59	PASS
BLE_1M	Ant1	High	2480	0.69	-34.98	≤-19.31	PASS

Test Graphs



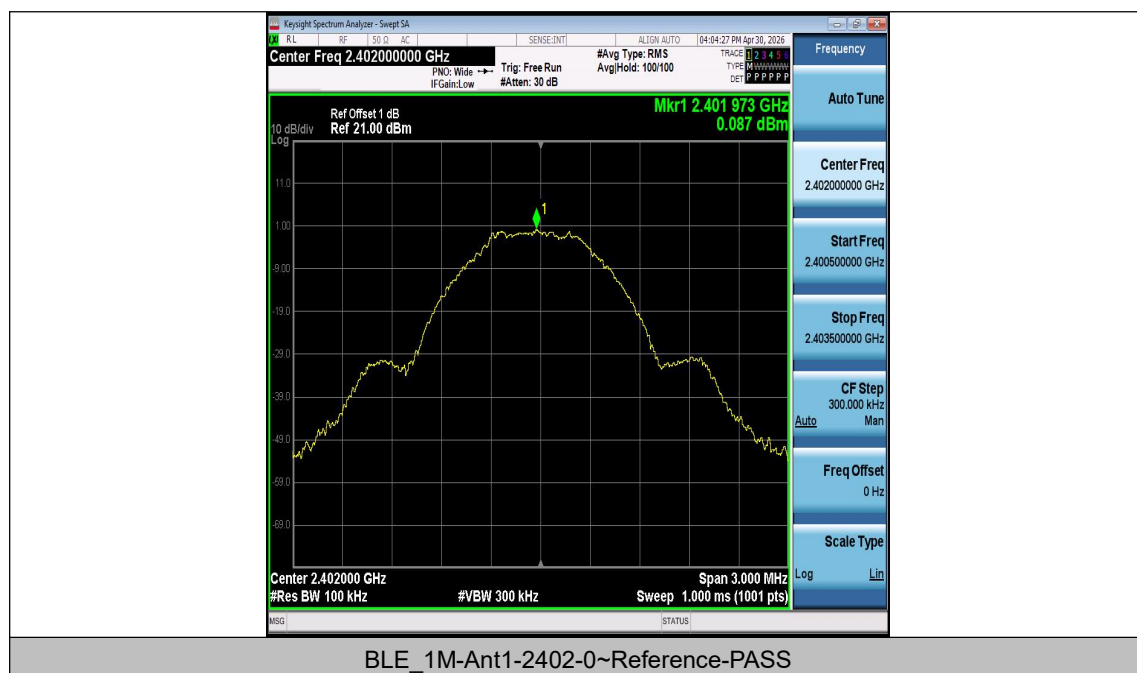
Appendix F: Conducted Spurious Emission

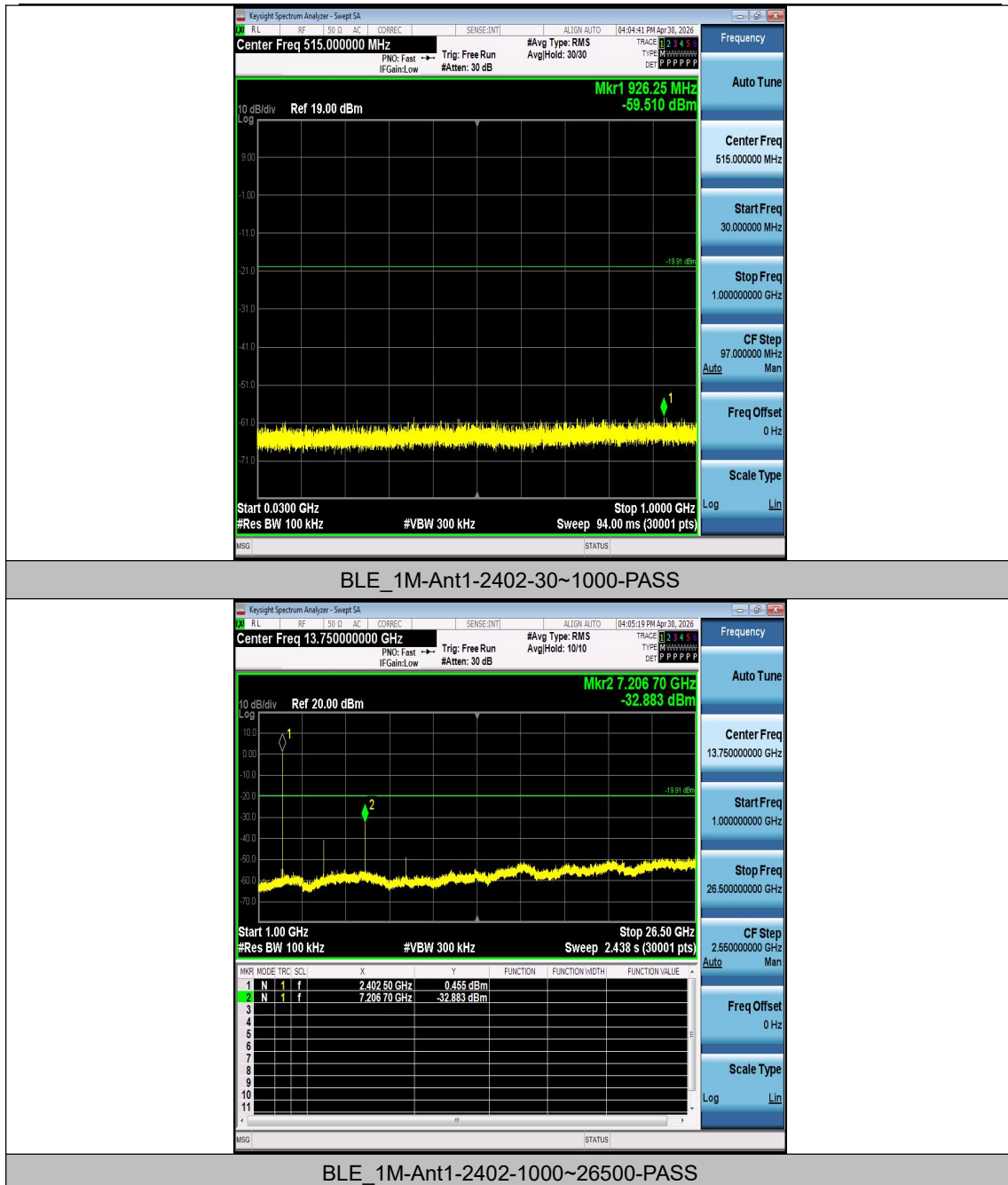
Test Result

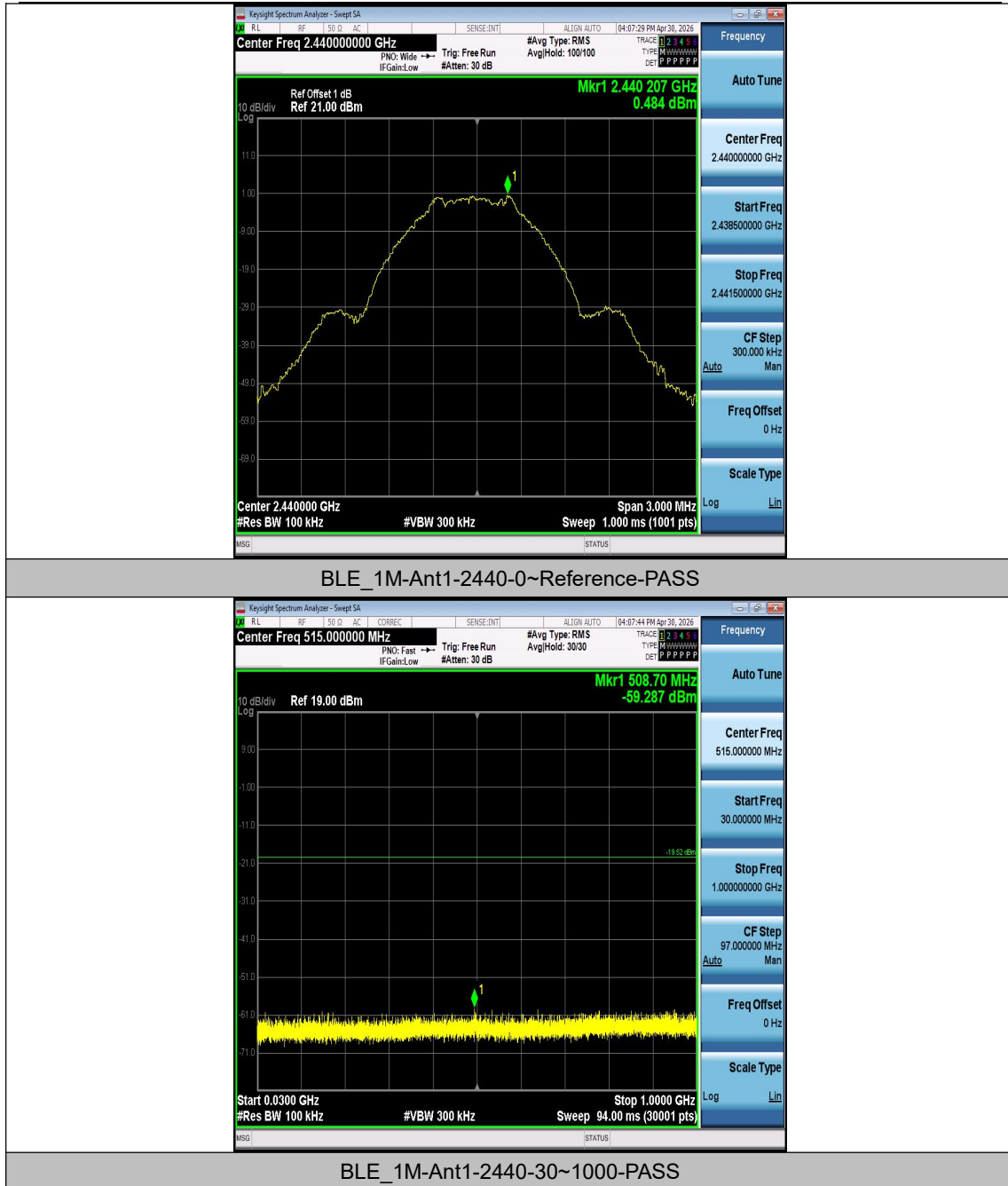
Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.09	0.09	---	PASS
BLE_1M	Ant1	2402	30~1000	0.09	-59.51	≤-19.91	PASS
BLE_1M	Ant1	2402	1000~26500	0.09	-32.88	≤-19.91	PASS
BLE_1M	Ant1	2440	0~Reference	0.48	0.48	---	PASS
BLE_1M	Ant1	2440	30~1000	0.48	-59.29	≤-19.52	PASS
BLE_1M	Ant1	2440	1000~26500	0.48	-33.97	≤-19.52	PASS
BLE_1M	Ant1	2480	0~Reference	0.52	0.52	---	PASS
BLE_1M	Ant1	2480	30~1000	0.52	-59.53	≤-19.48	PASS
BLE_1M	Ant1	2480	1000~26500	0.52	-34.99	≤-19.48	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



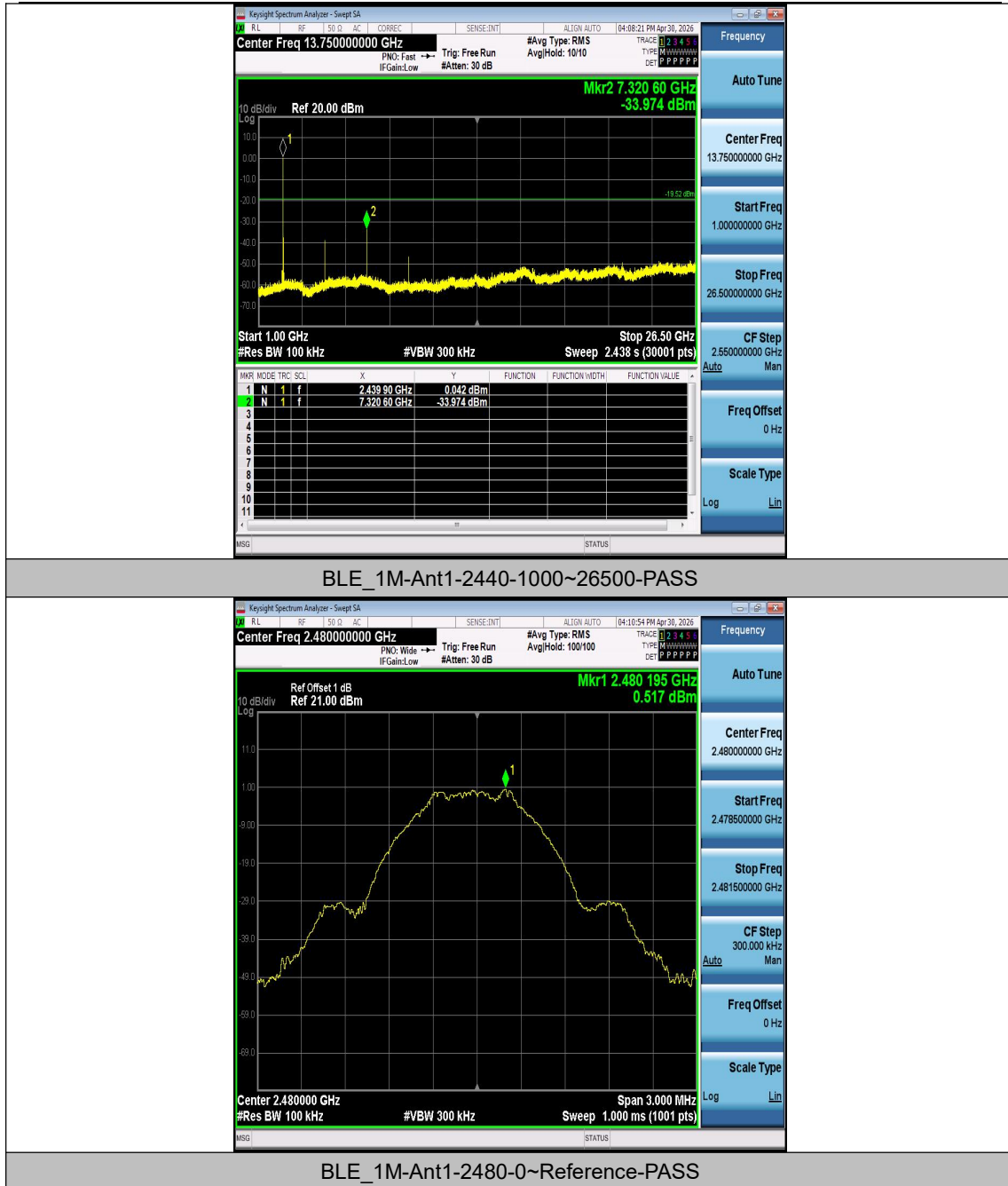


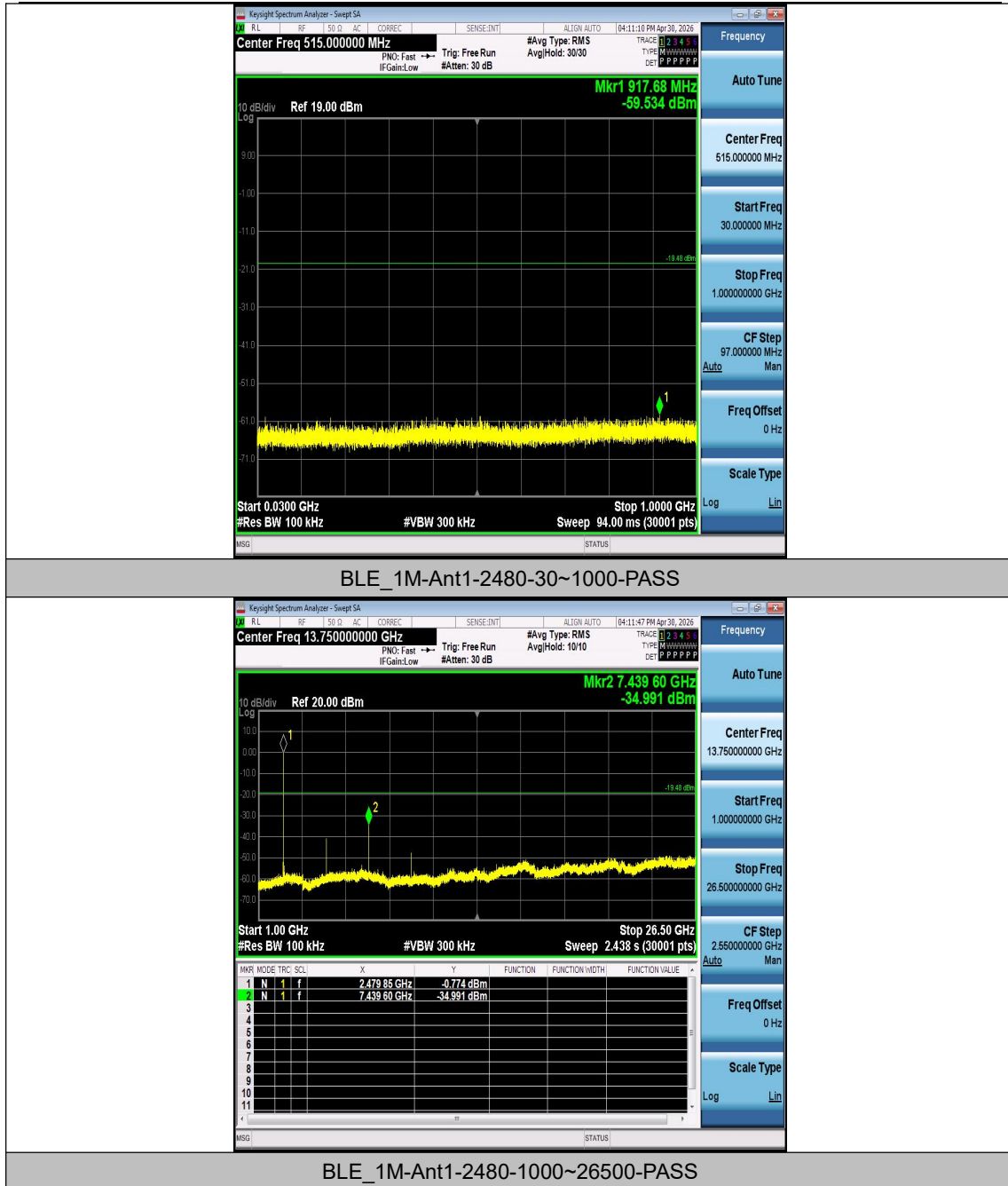


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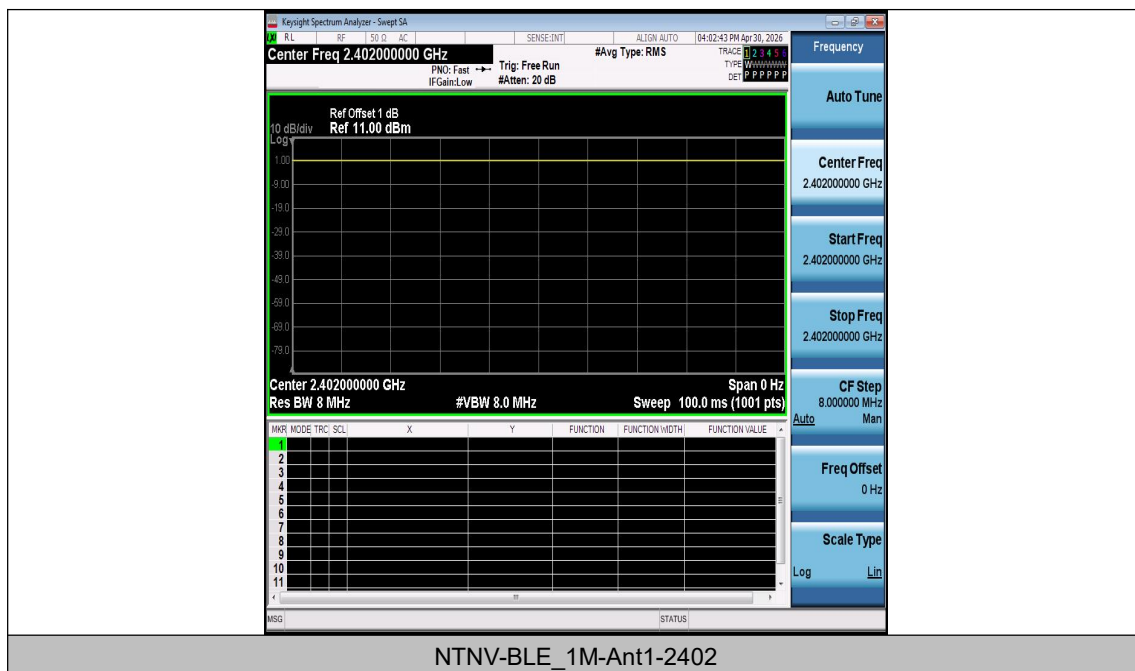


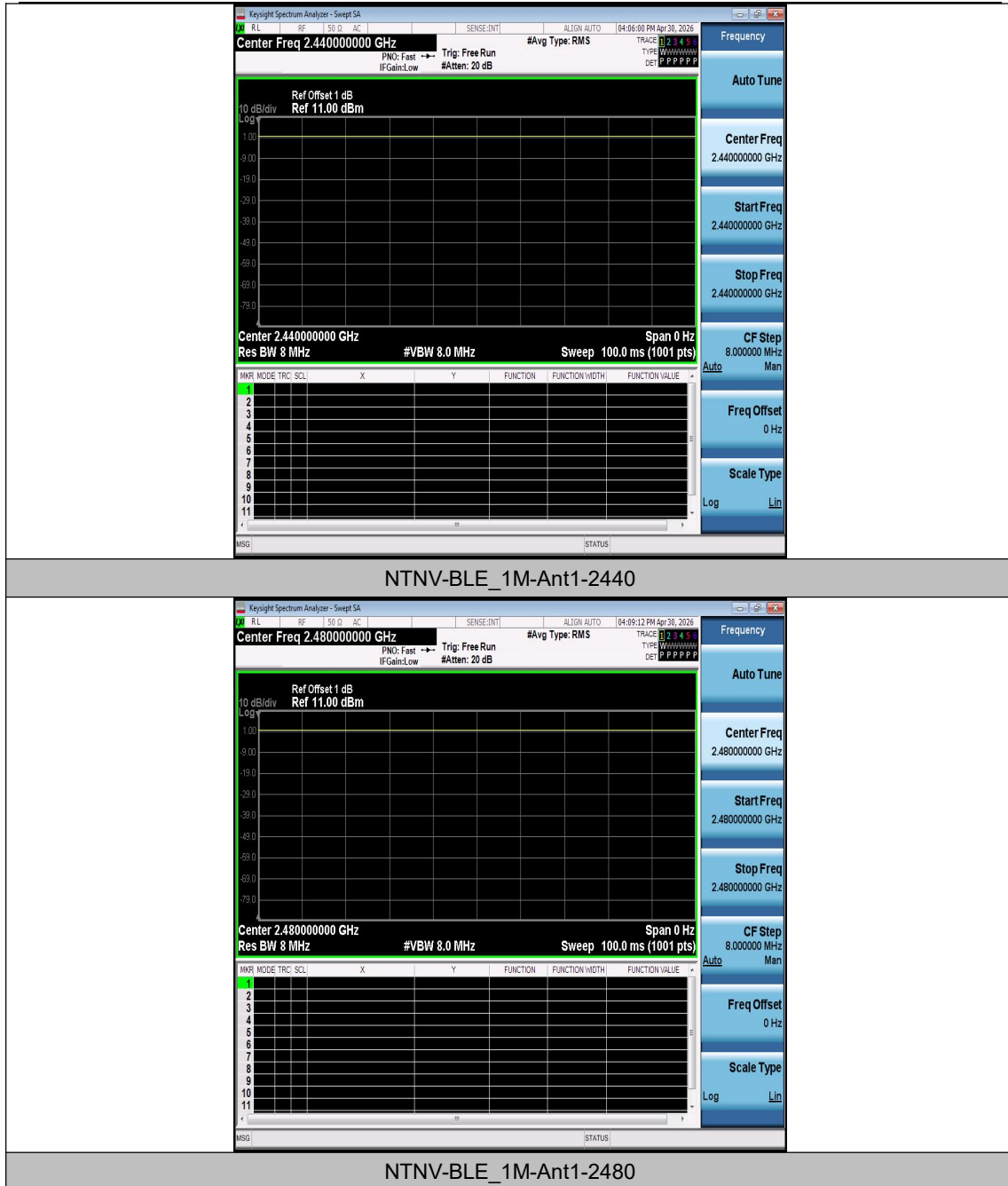
Appendix G: Duty Cycle

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---