

Appendix Test Data

Report No.:	1812C60208512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-4-15	Finish Test Date:	2026-4-20
Test Engineer:	Huisen Guan	Auditor:	Justin Feng
Temperature:	27.1°C	Relative Humidity:	49%
Pressure:	101kPa		

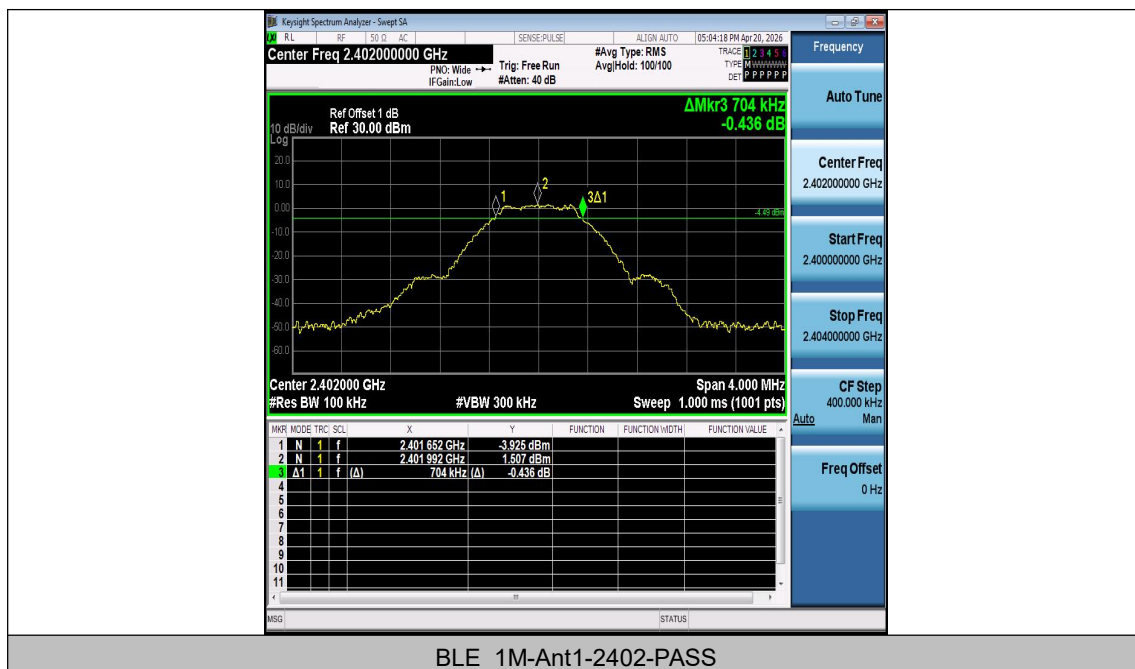


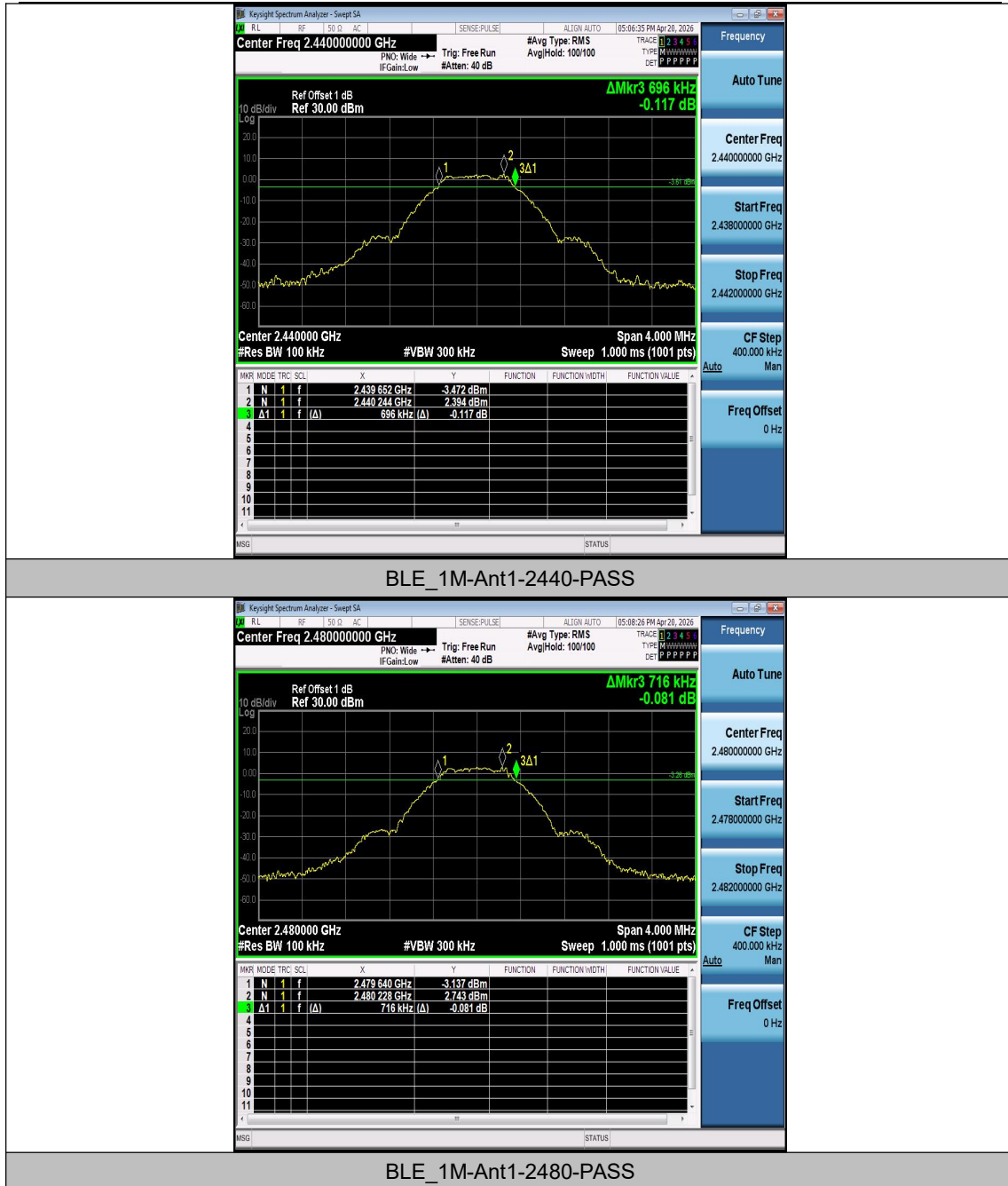
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.704	2401.652	2402.356	0.5	PASS
BLE_1M	Ant1	2440	0.696	2439.652	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.716	2479.640	2480.356	0.5	PASS

Test Graphs





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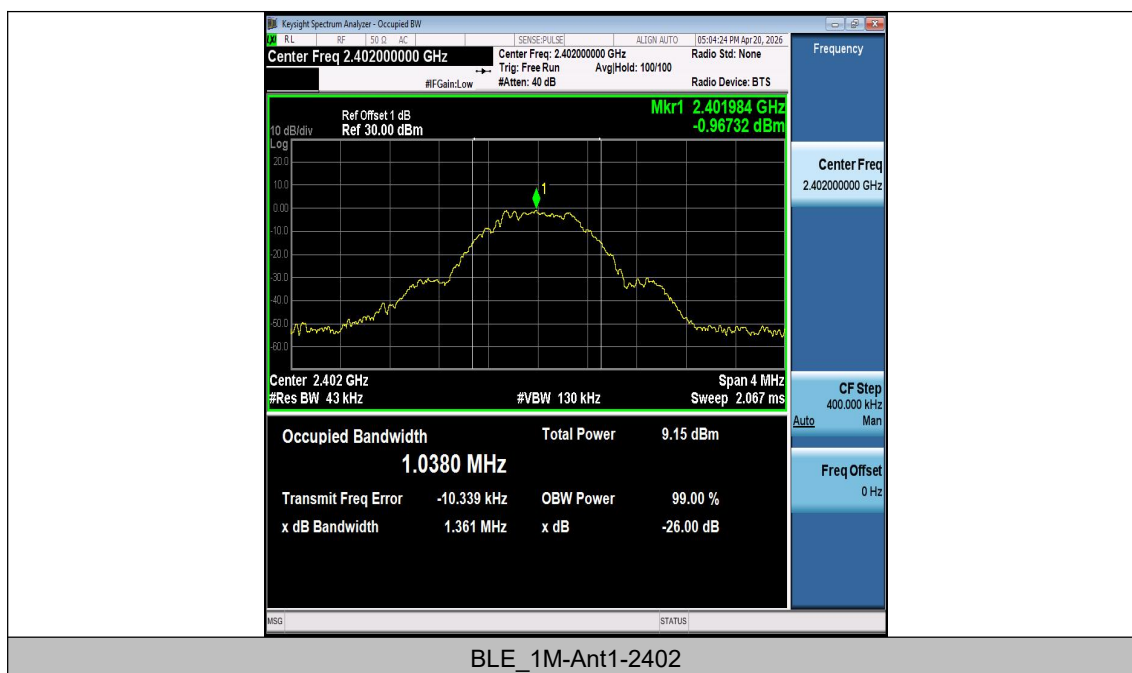
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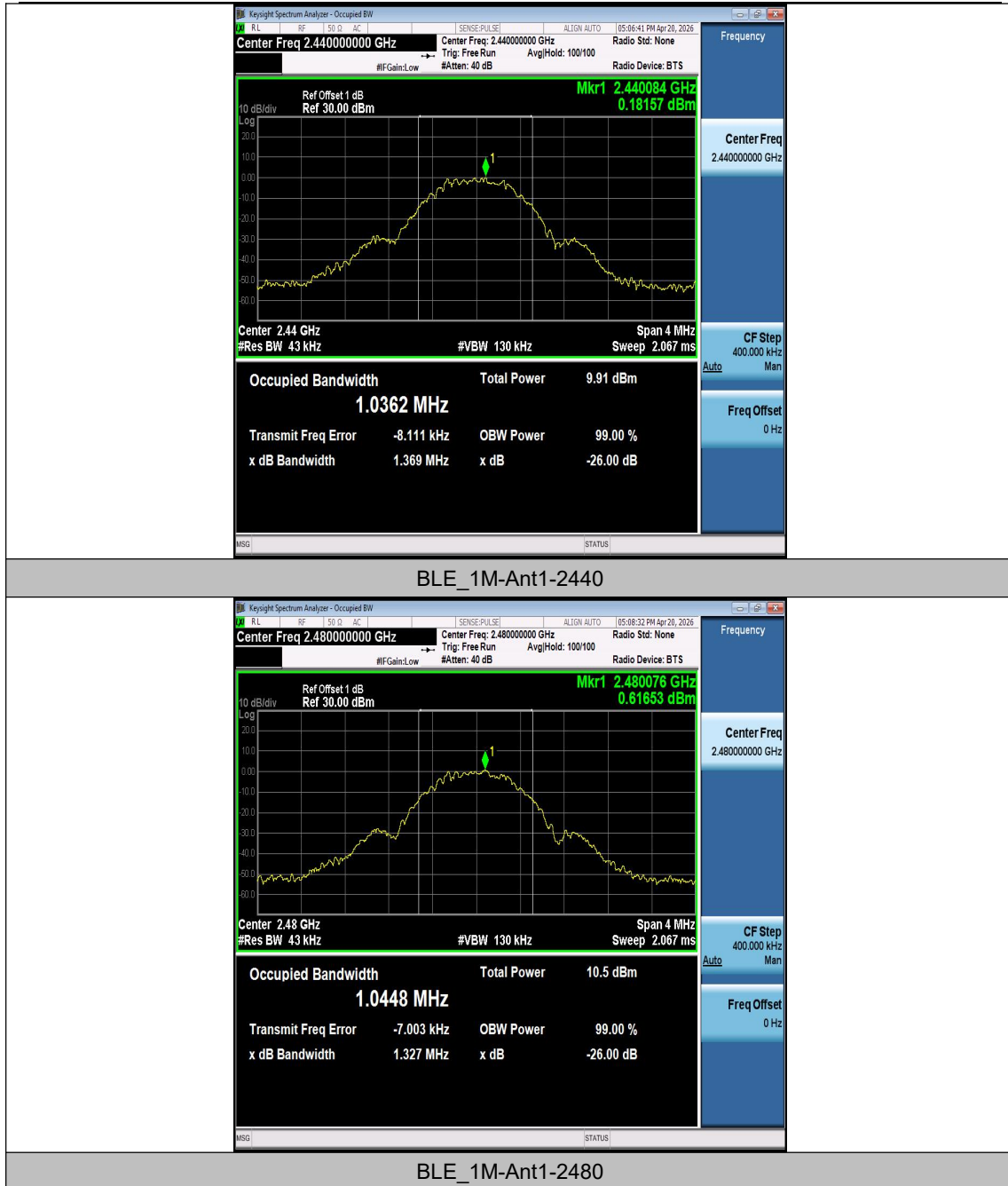
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0380	2401.4707	2402.5087	---	---
BLE_1M	Ant1	2440	1.0362	2439.4738	2440.5100	---	---
BLE_1M	Ant1	2480	1.0448	2479.4706	2480.5154	---	---

Test Graphs





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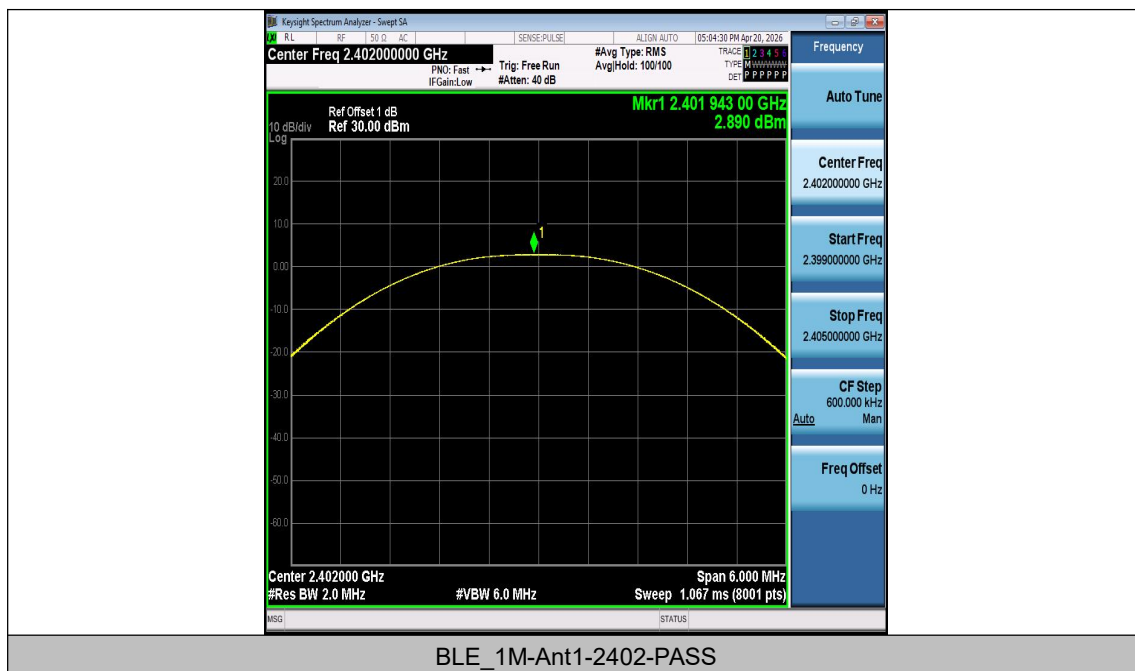
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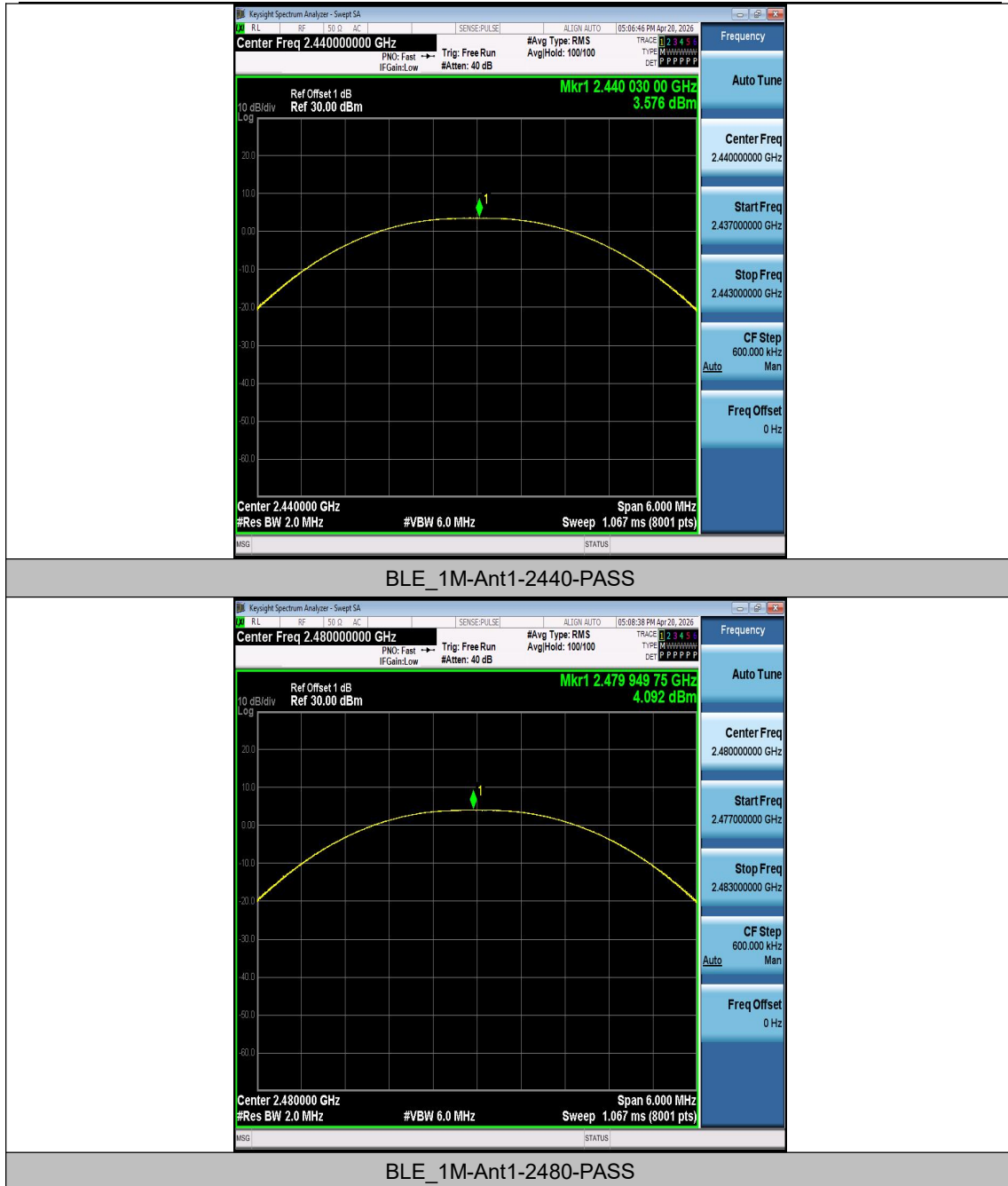
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.89	≤30	PASS
BLE_1M	Ant1	2440	3.58	≤30	PASS
BLE_1M	Ant1	2480	4.09	≤30	PASS

Test Graphs Peak





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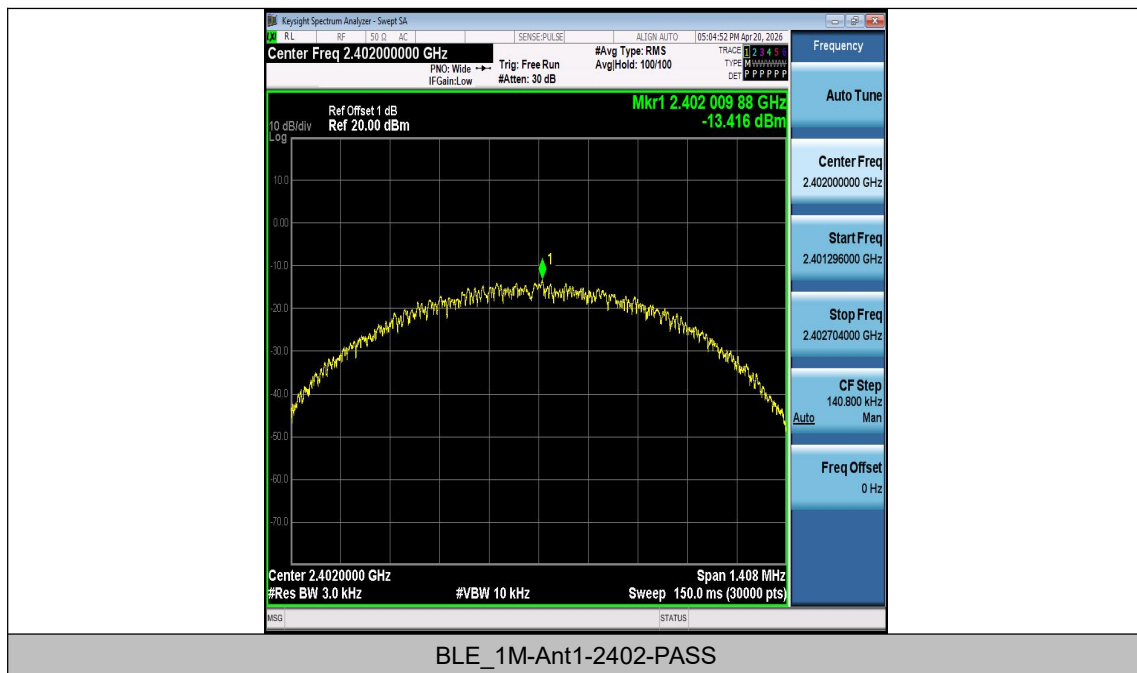
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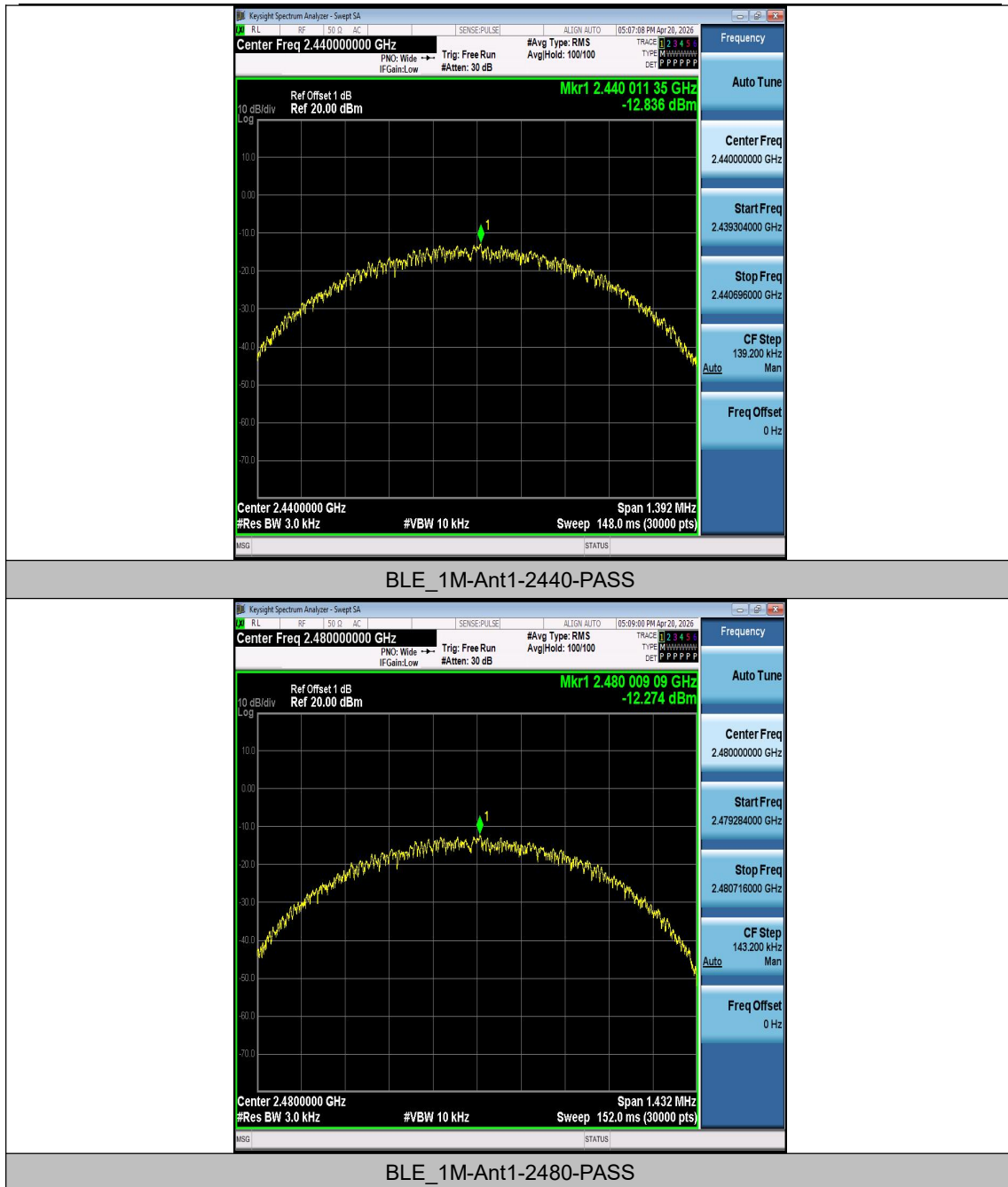
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.42	≤8.00	PASS
BLE_1M	Ant1	2440	-12.84	≤8.00	PASS
BLE_1M	Ant1	2480	-12.27	≤8.00	PASS

Test Graphs





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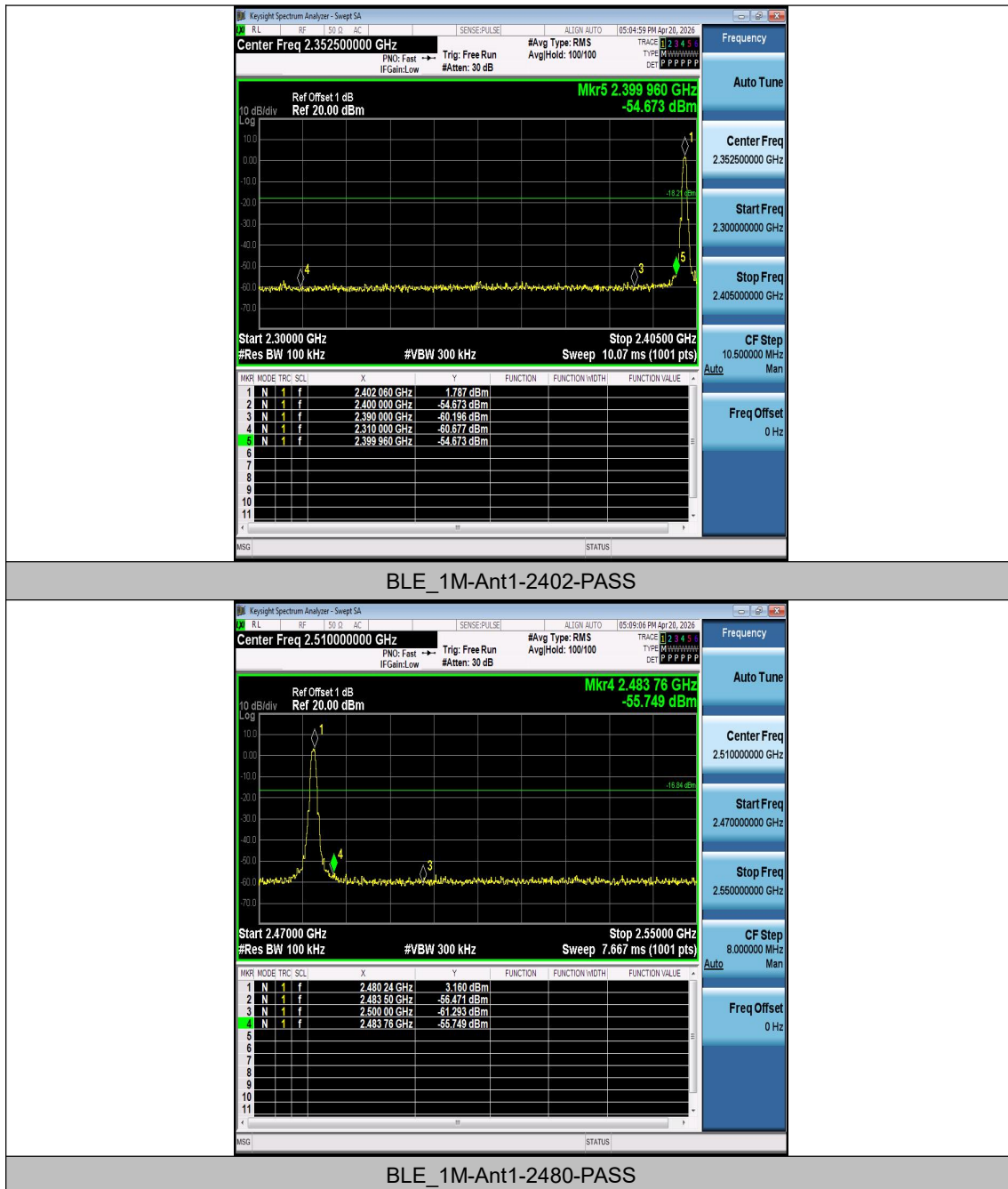
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.79	-54.67	≤-18.21	PASS
BLE_1M	Ant1	High	2480	3.16	-55.75	≤-16.84	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

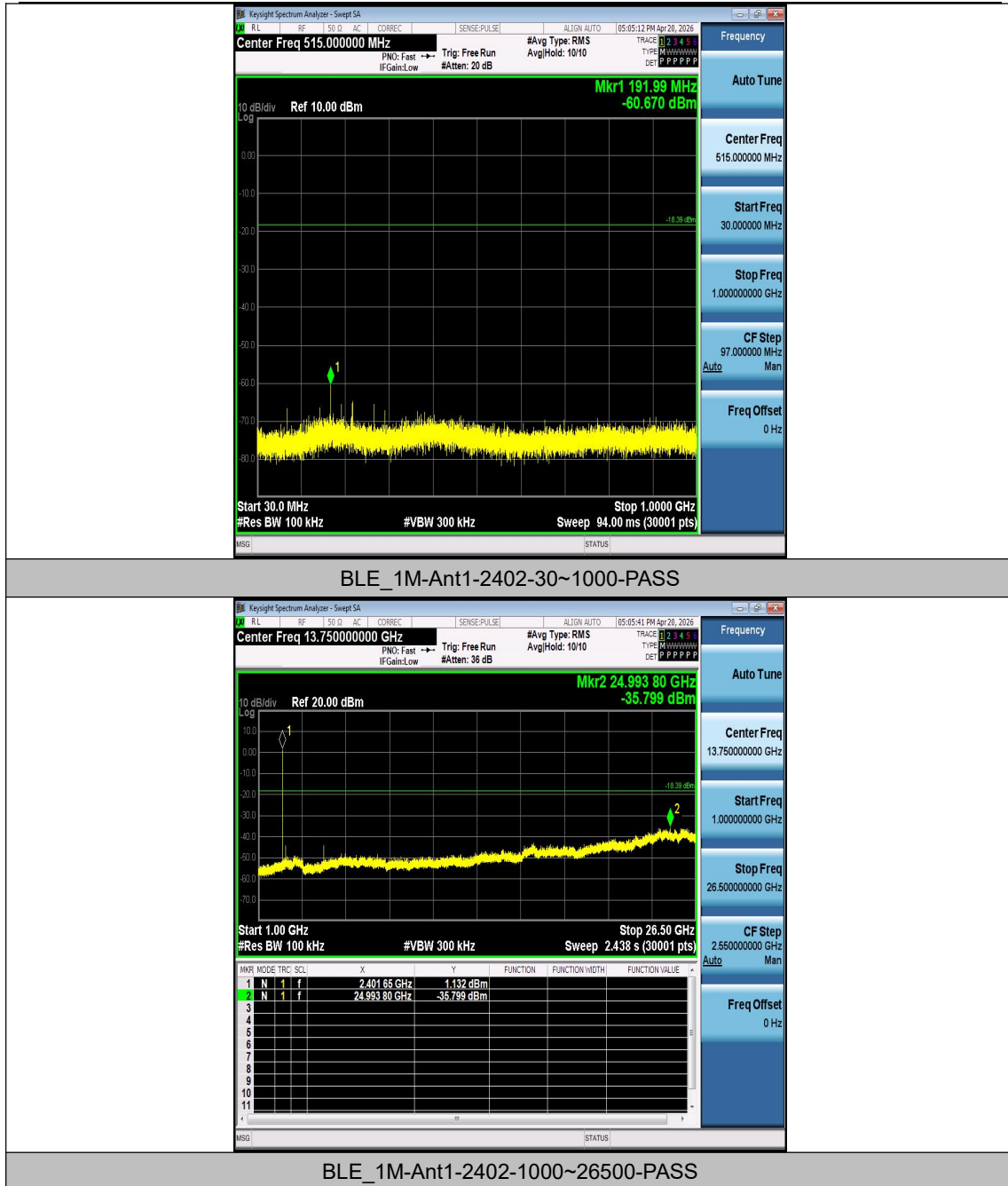
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.61	1.61	---	PASS
BLE_1M	Ant1	2402	30~1000	1.61	-60.67	≤-18.39	PASS
BLE_1M	Ant1	2402	1000~26500	1.61	-35.8	≤-18.39	PASS
BLE_1M	Ant1	2440	0~Reference	2.07	2.07	---	PASS
BLE_1M	Ant1	2440	30~1000	2.07	-60.34	≤-17.93	PASS
BLE_1M	Ant1	2440	1000~26500	2.07	-35.95	≤-17.93	PASS
BLE_1M	Ant1	2480	0~Reference	2.92	2.92	---	PASS
BLE_1M	Ant1	2480	30~1000	2.92	-60.45	≤-17.08	PASS
BLE_1M	Ant1	2480	1000~26500	2.92	-35.44	≤-17.08	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

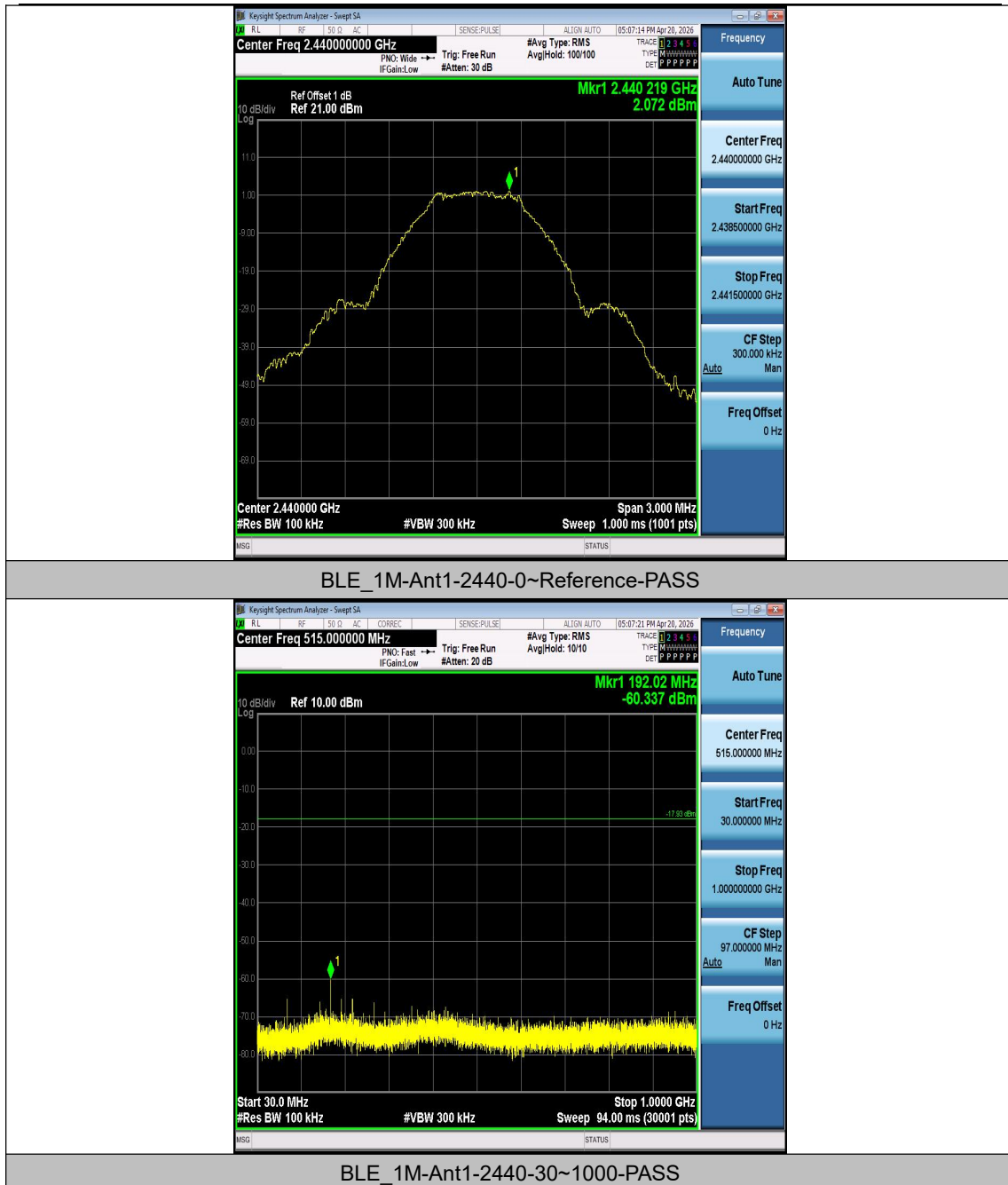




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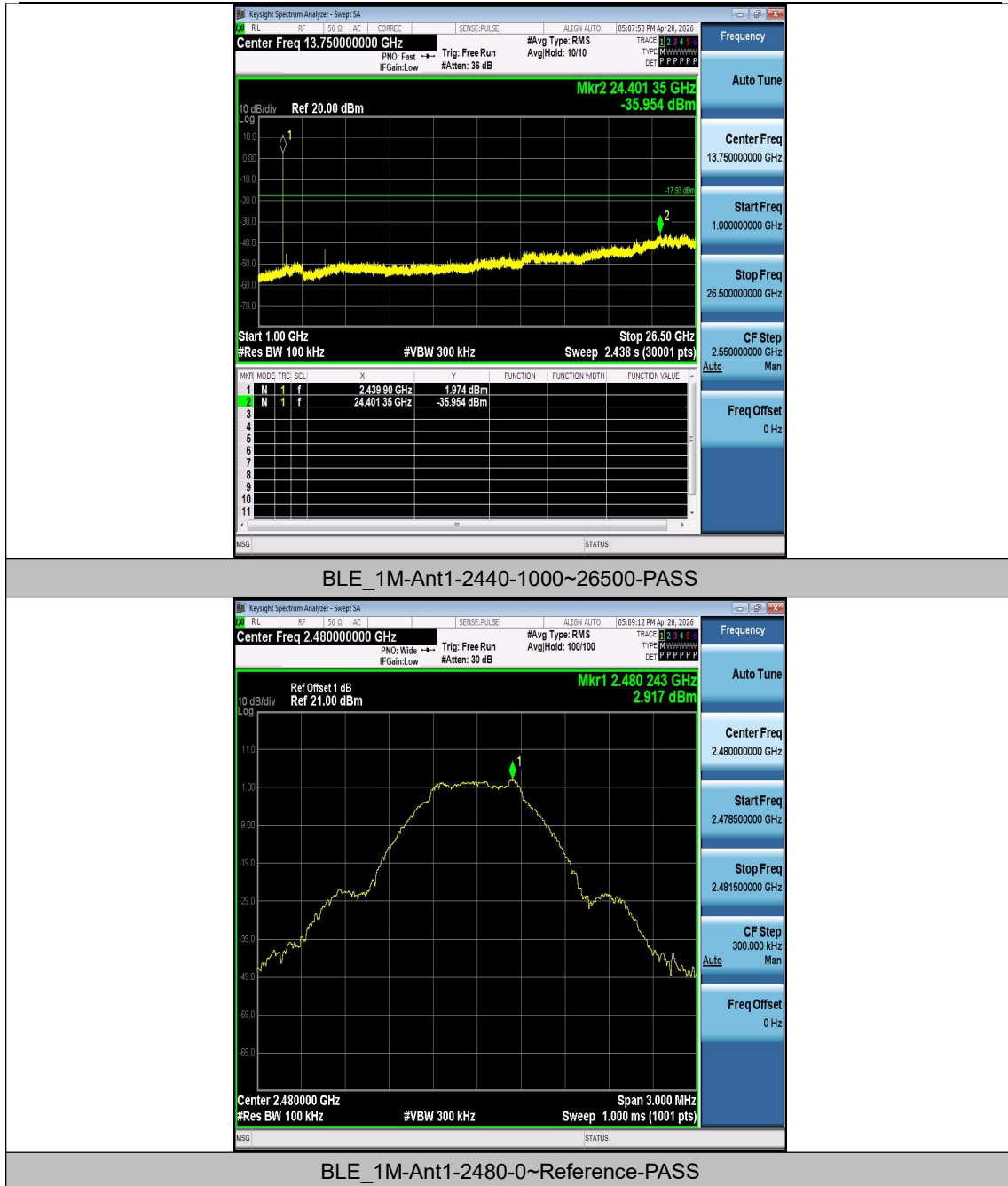
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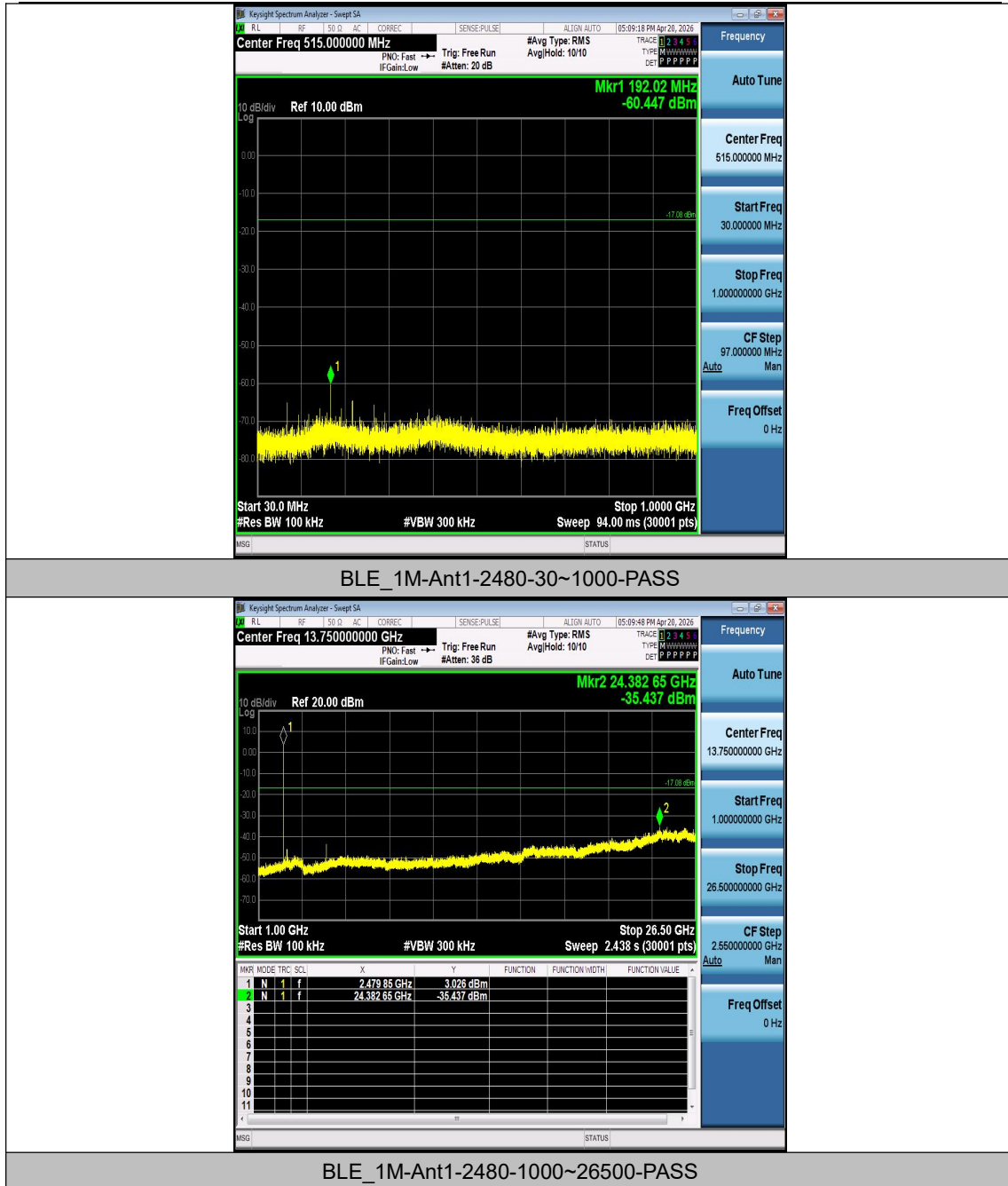
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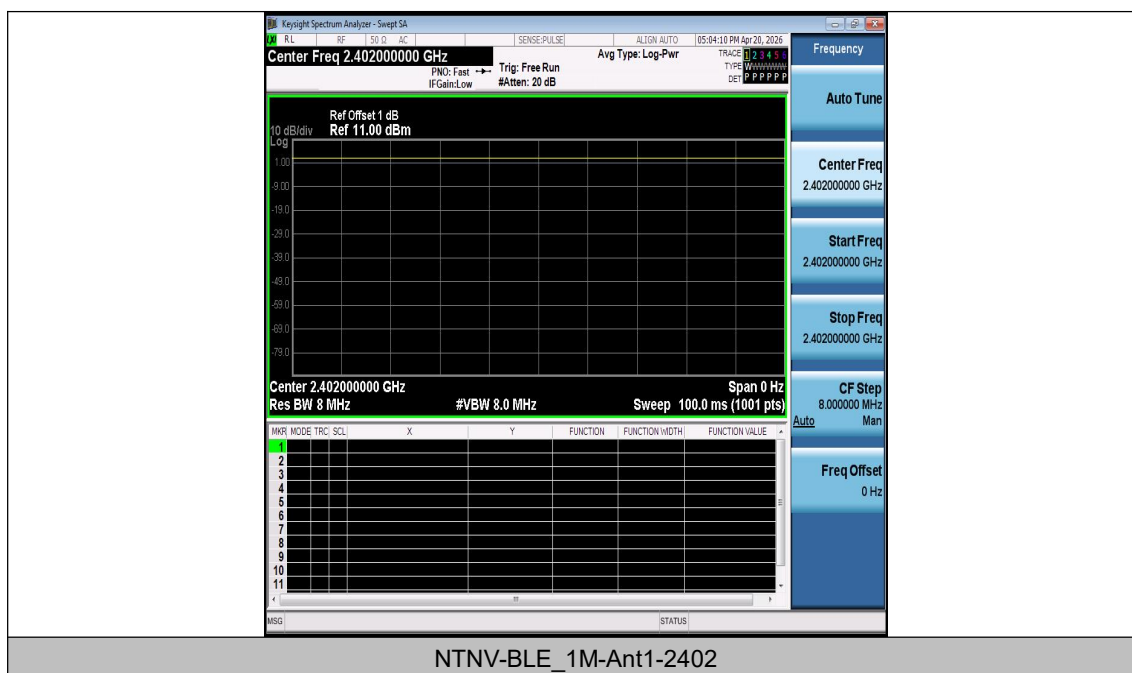


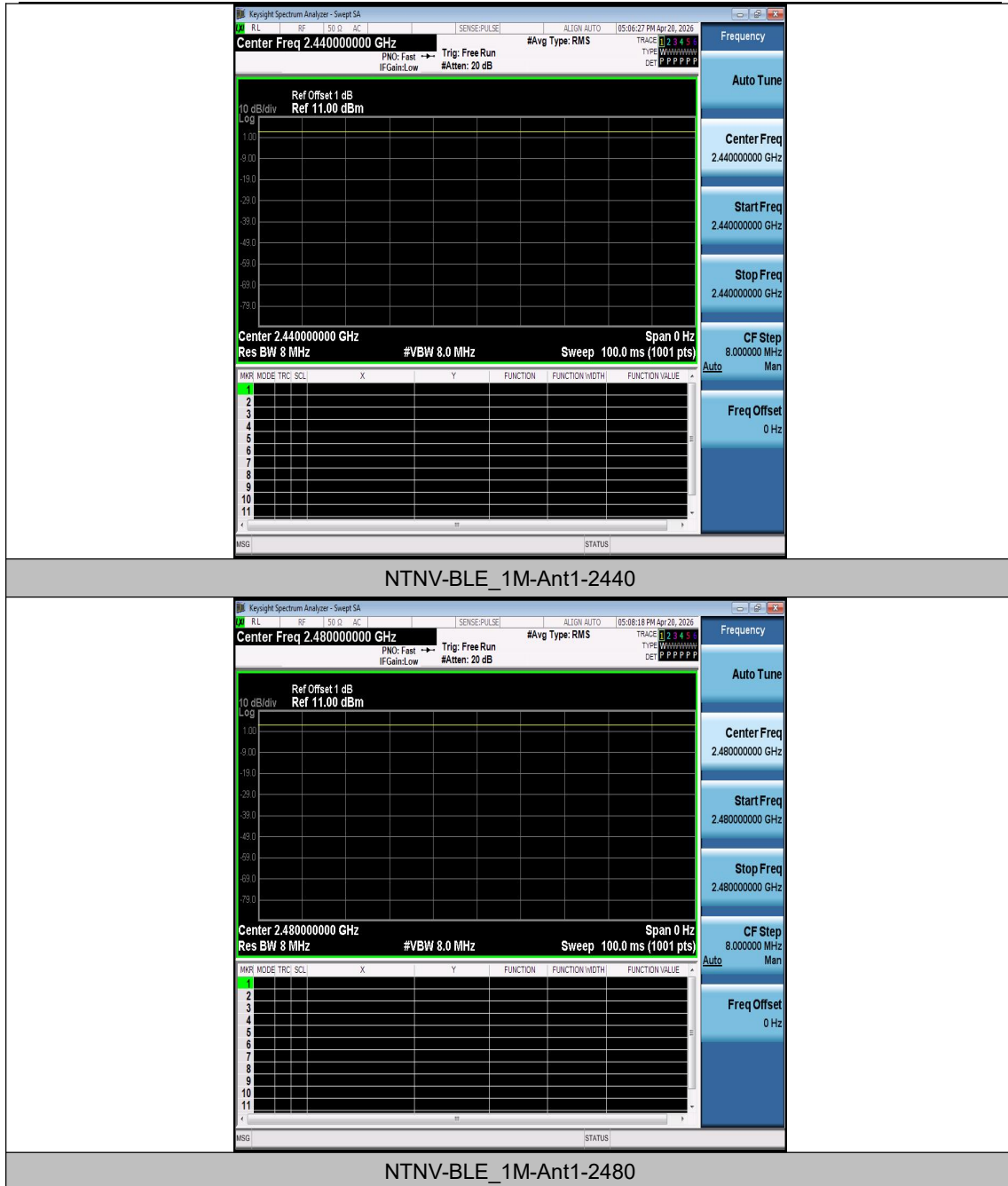
Appendix G: Duty Cycle

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---