

Appendix Test Data

Report No.:	1812C60385712502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-10	Finish Test Date:	2026-7-15
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8°C	Relative Humidity:	60%
Pressure:	99.9kPa		



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	0.692	2401.608	2402.300	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.608	2440.308	0.5	PASS
BLE_1M	Ant1	2480	0.652	2479.628	2480.280	0.5	PASS
BLE_2M	Ant1	2402	1.164	2401.372	2402.536	0.5	PASS
BLE_2M	Ant1	2440	1.128	2439.408	2440.536	0.5	PASS
BLE_2M	Ant1	2480	1.140	2479.336	2480.476	0.5	PASS

Test Graphs



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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	1.0387	2401.4374	2402.4761	---	---
BLE_1M	Ant1	2440	1.0304	2439.4423	2440.4727	---	---
BLE_1M	Ant1	2480	1.0296	2479.4402	2480.4698	---	---
BLE_2M	Ant1	2402	2.0720	2400.9364	2403.0084	---	---
BLE_2M	Ant1	2440	2.0852	2438.9273	2441.0125	---	---
BLE_2M	Ant1	2480	2.0628	2478.9346	2480.9974	---	---

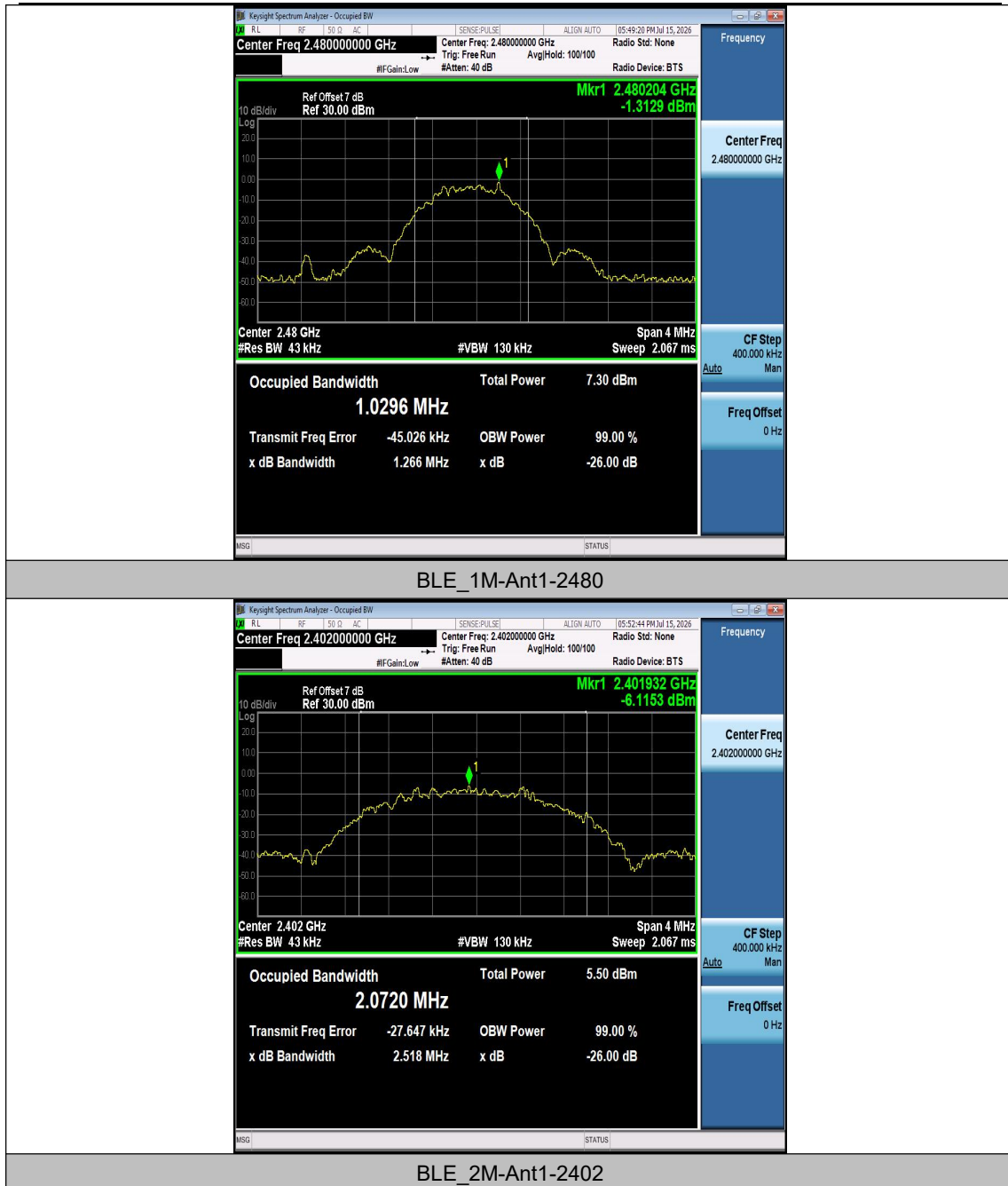
Test Graphs



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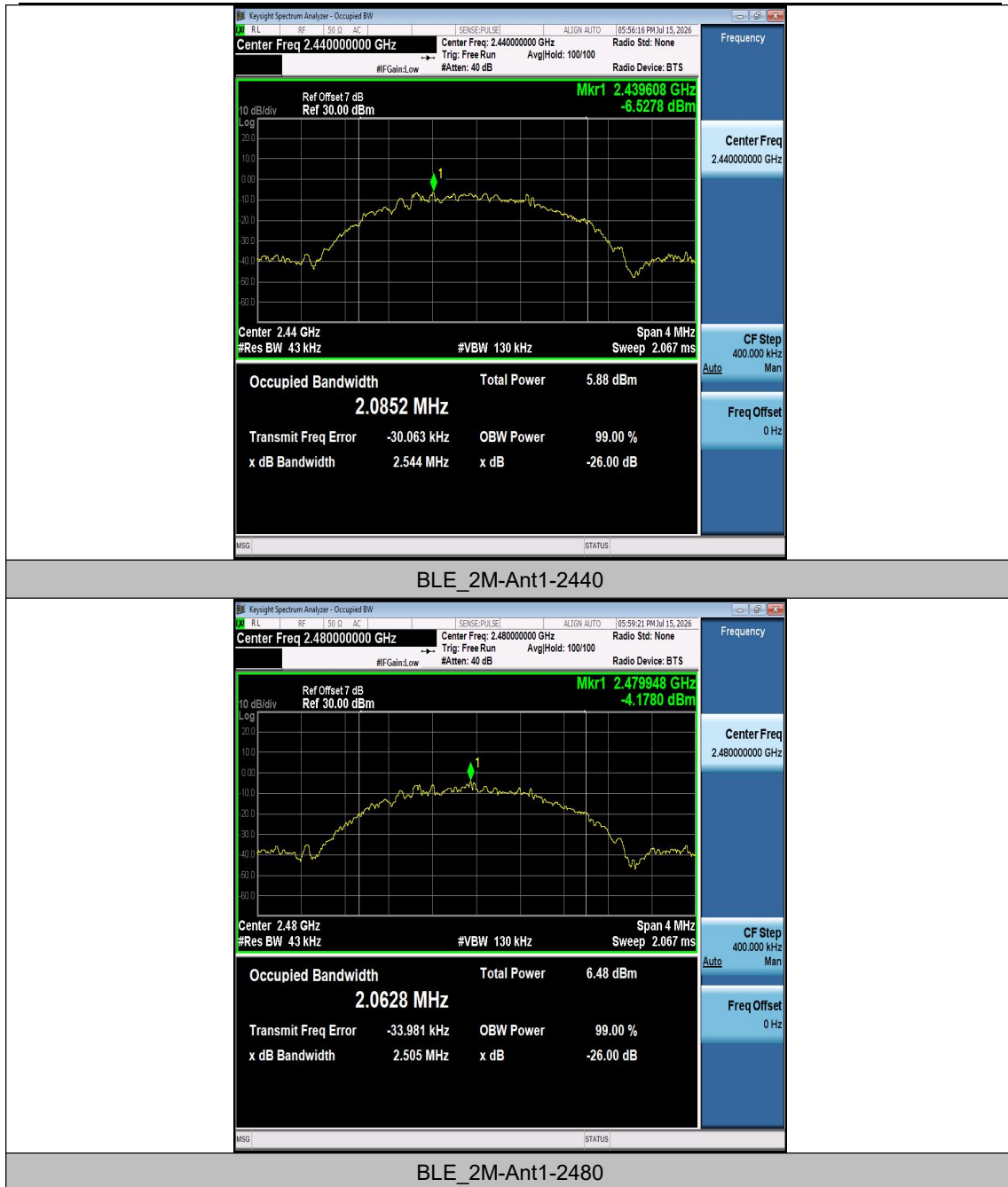
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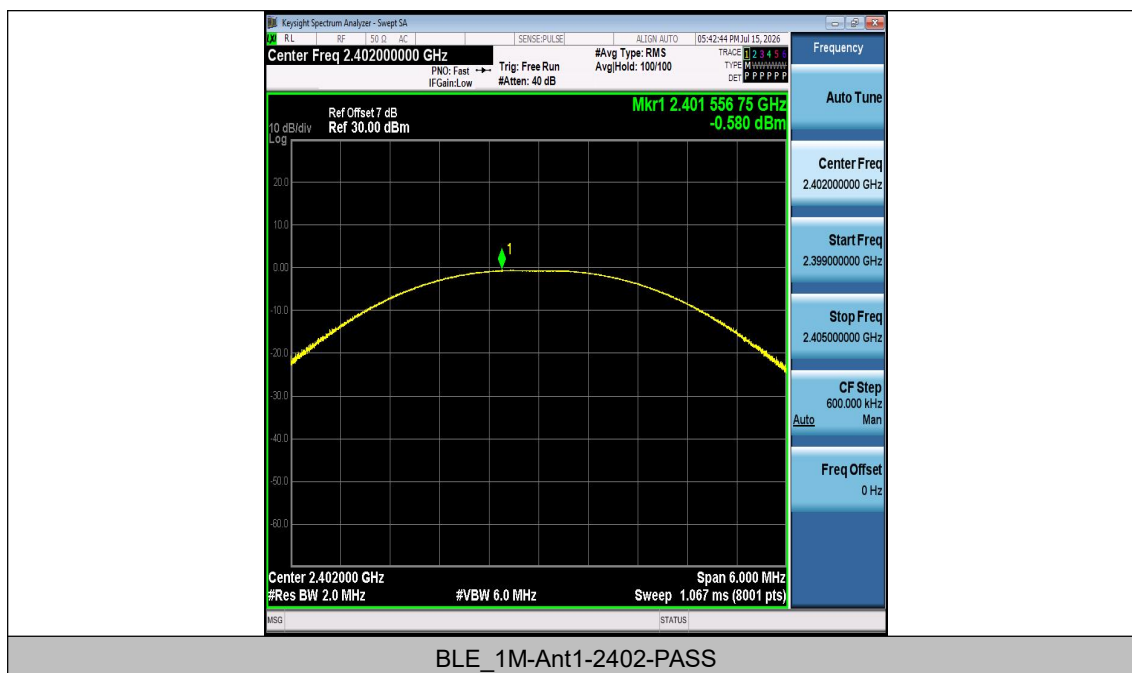
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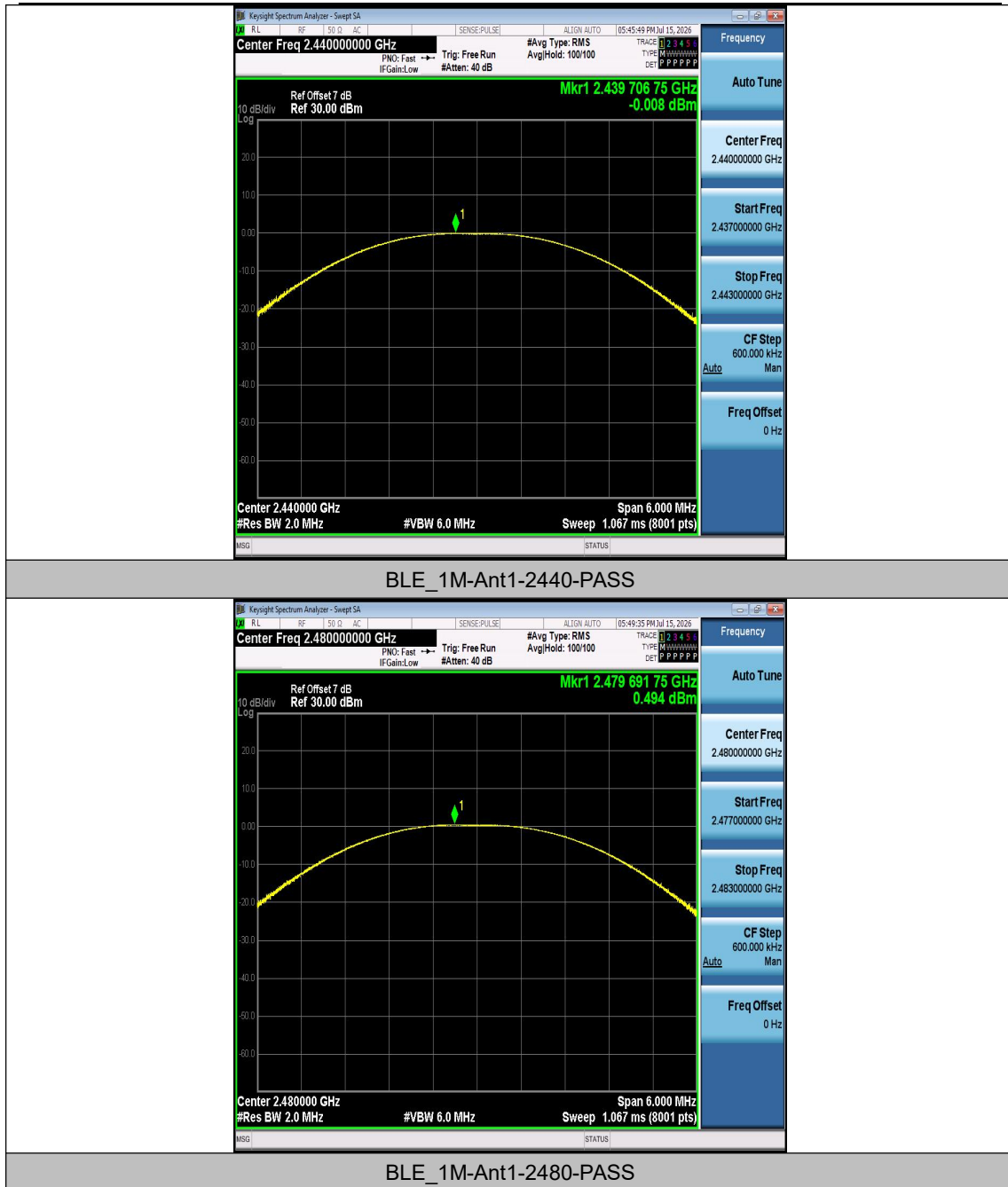
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.58	≤30	PASS
BLE_1M	Ant1	2440	-0.01	≤30	PASS
BLE_1M	Ant1	2480	0.49	≤30	PASS
BLE_2M	Ant1	2402	-0.53	≤30	PASS
BLE_2M	Ant1	2440	0.03	≤30	PASS
BLE_2M	Ant1	2480	0.58	≤30	PASS

Test Graphs Peak

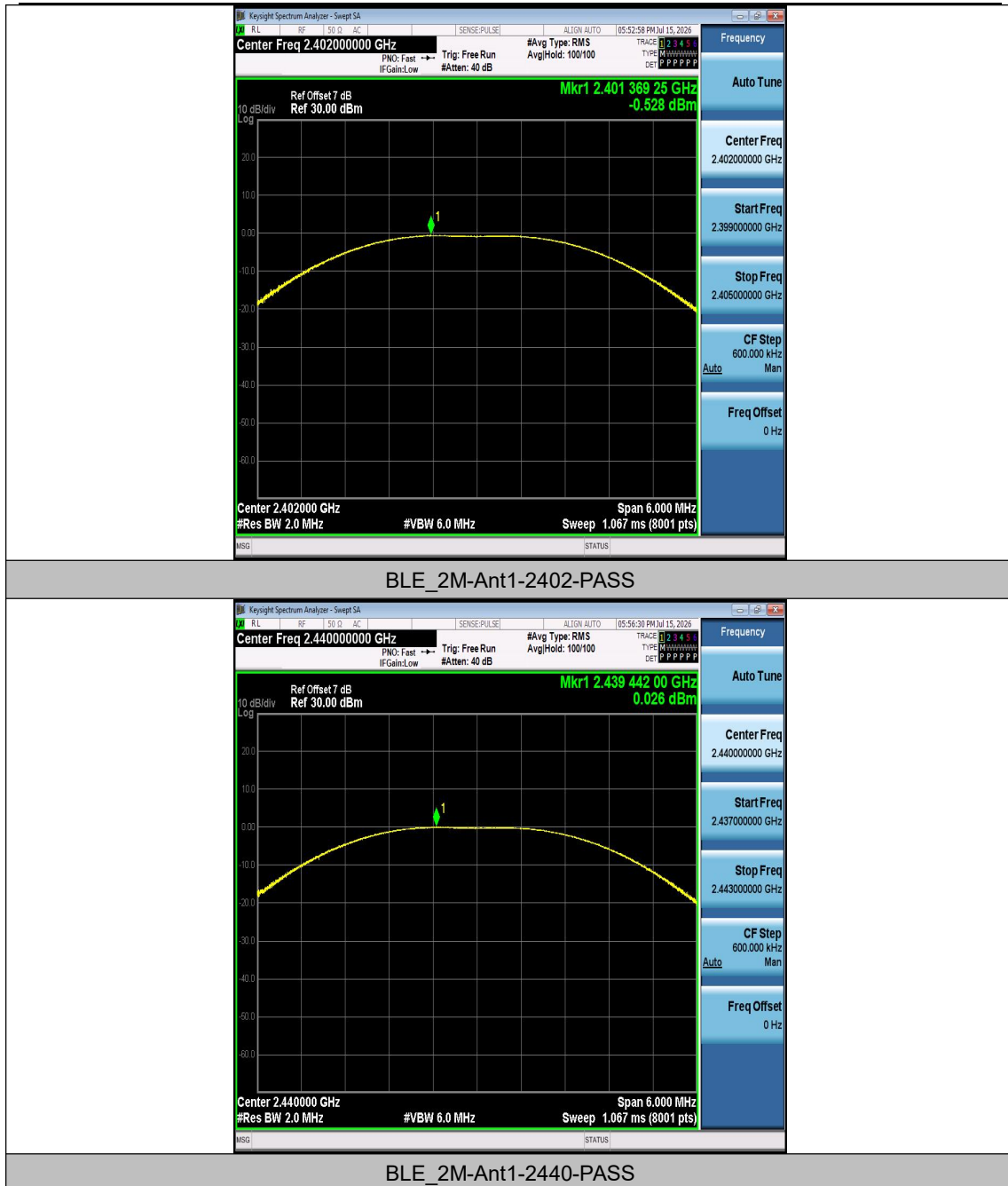




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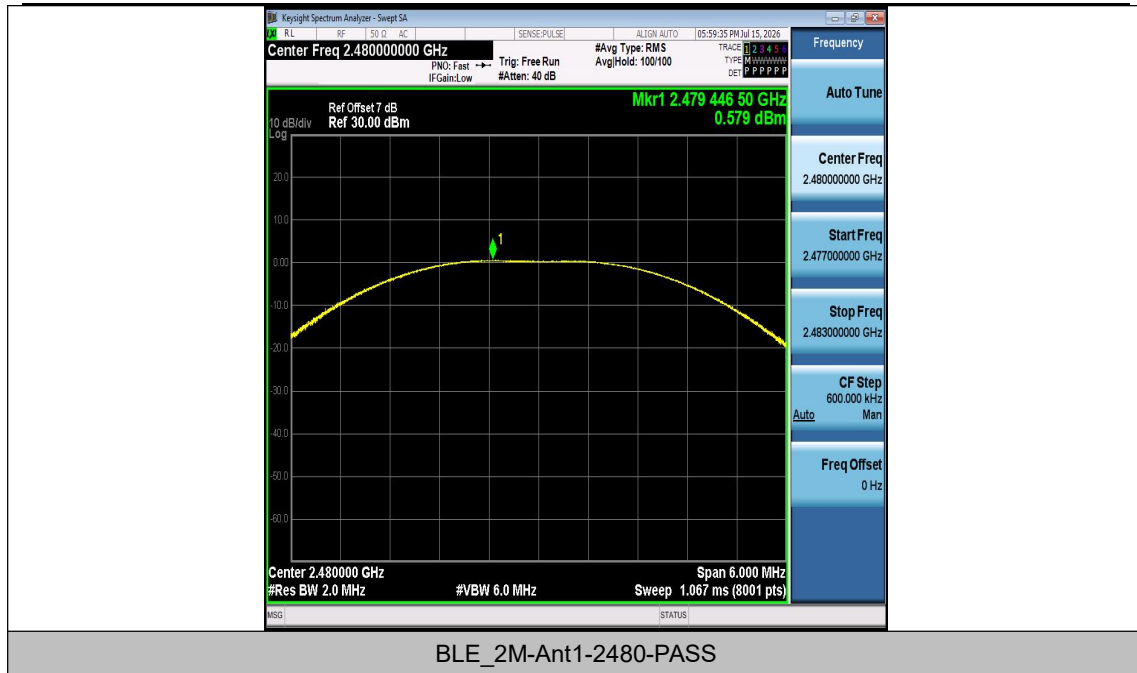
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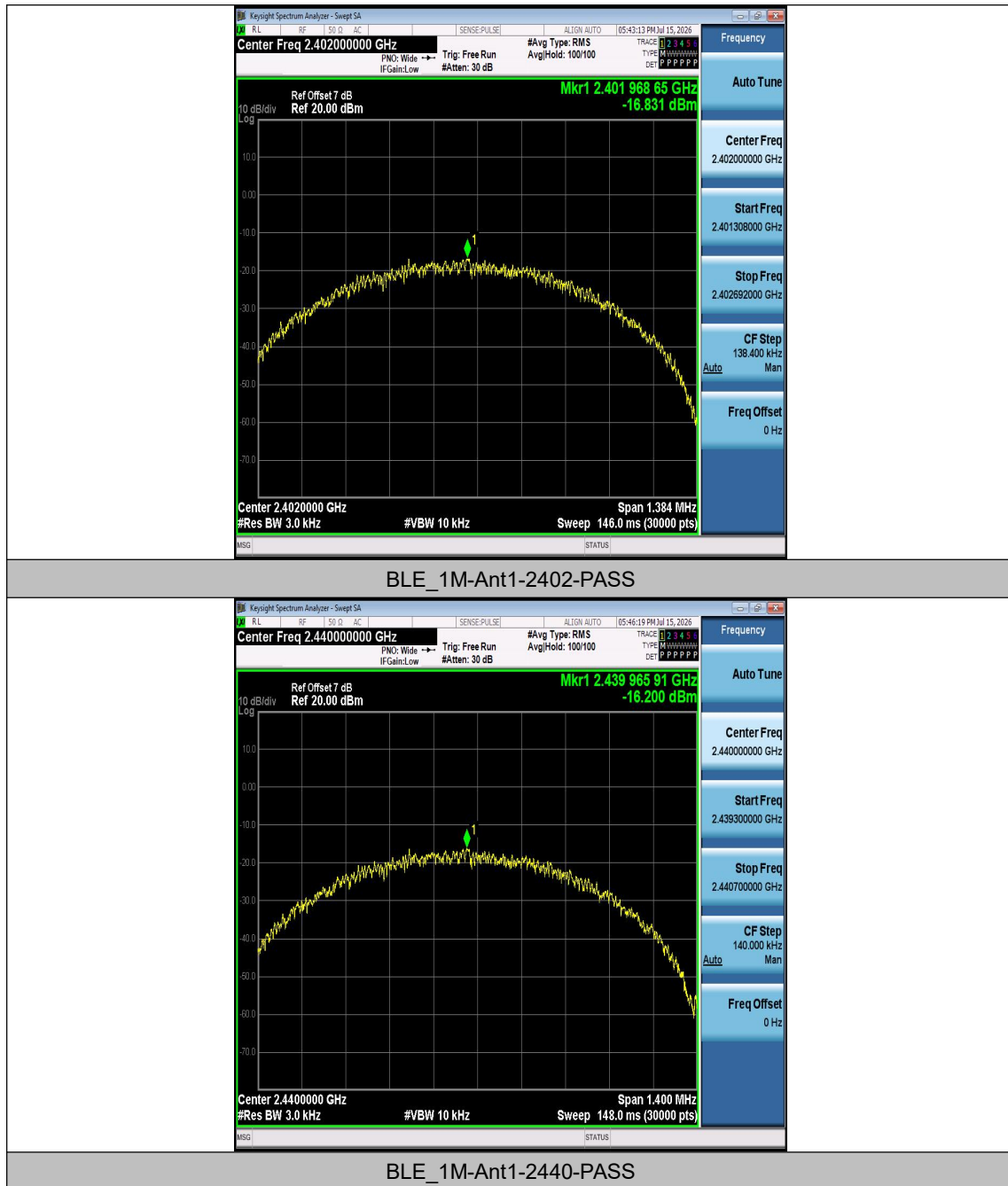
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.83	≤8.00	PASS
BLE_1M	Ant1	2440	-16.20	≤8.00	PASS
BLE_1M	Ant1	2480	-15.73	≤8.00	PASS
BLE_2M	Ant1	2402	-20.01	≤8.00	PASS
BLE_2M	Ant1	2440	-19.32	≤8.00	PASS
BLE_2M	Ant1	2480	-18.86	≤8.00	PASS

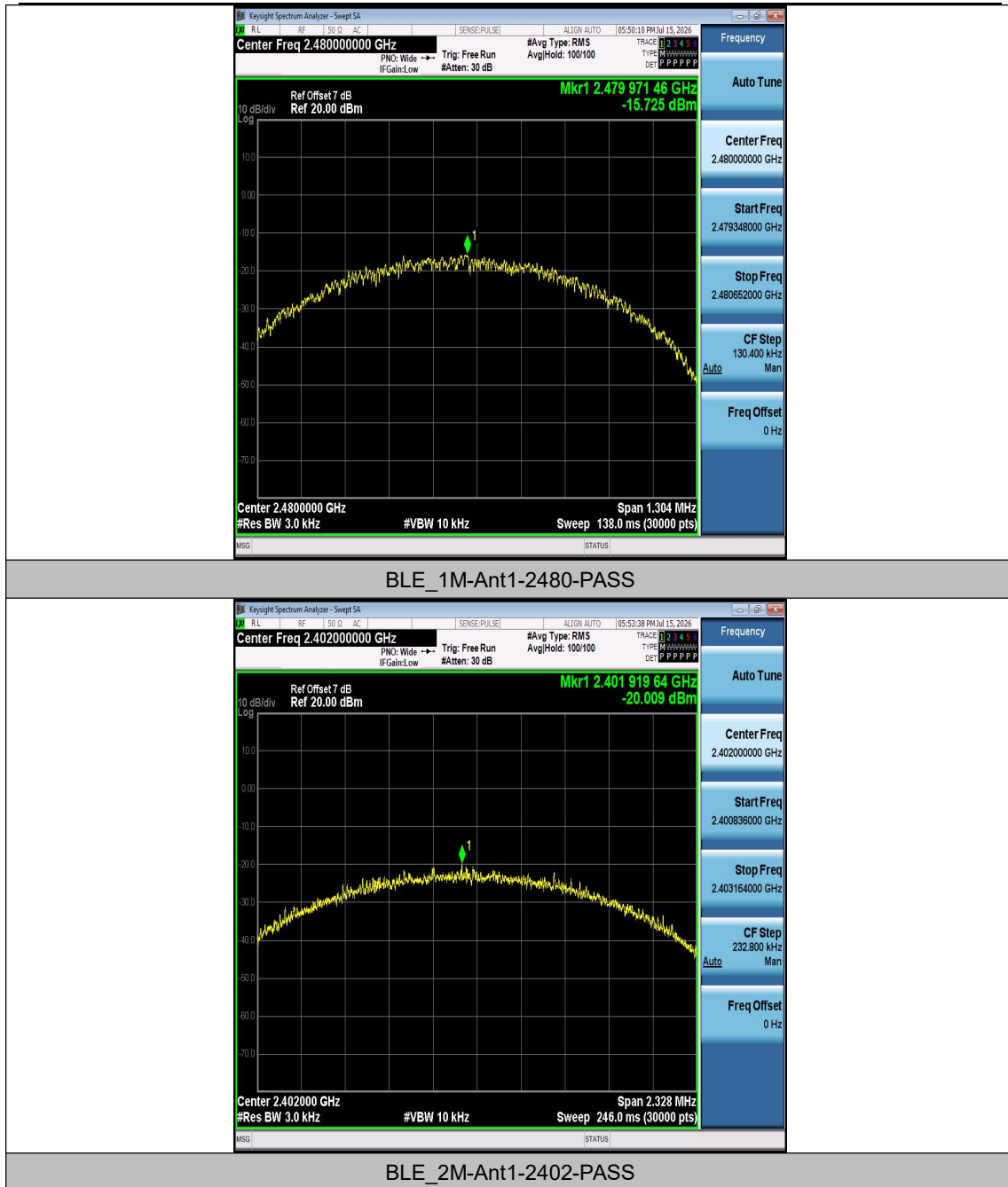
Test Graphs



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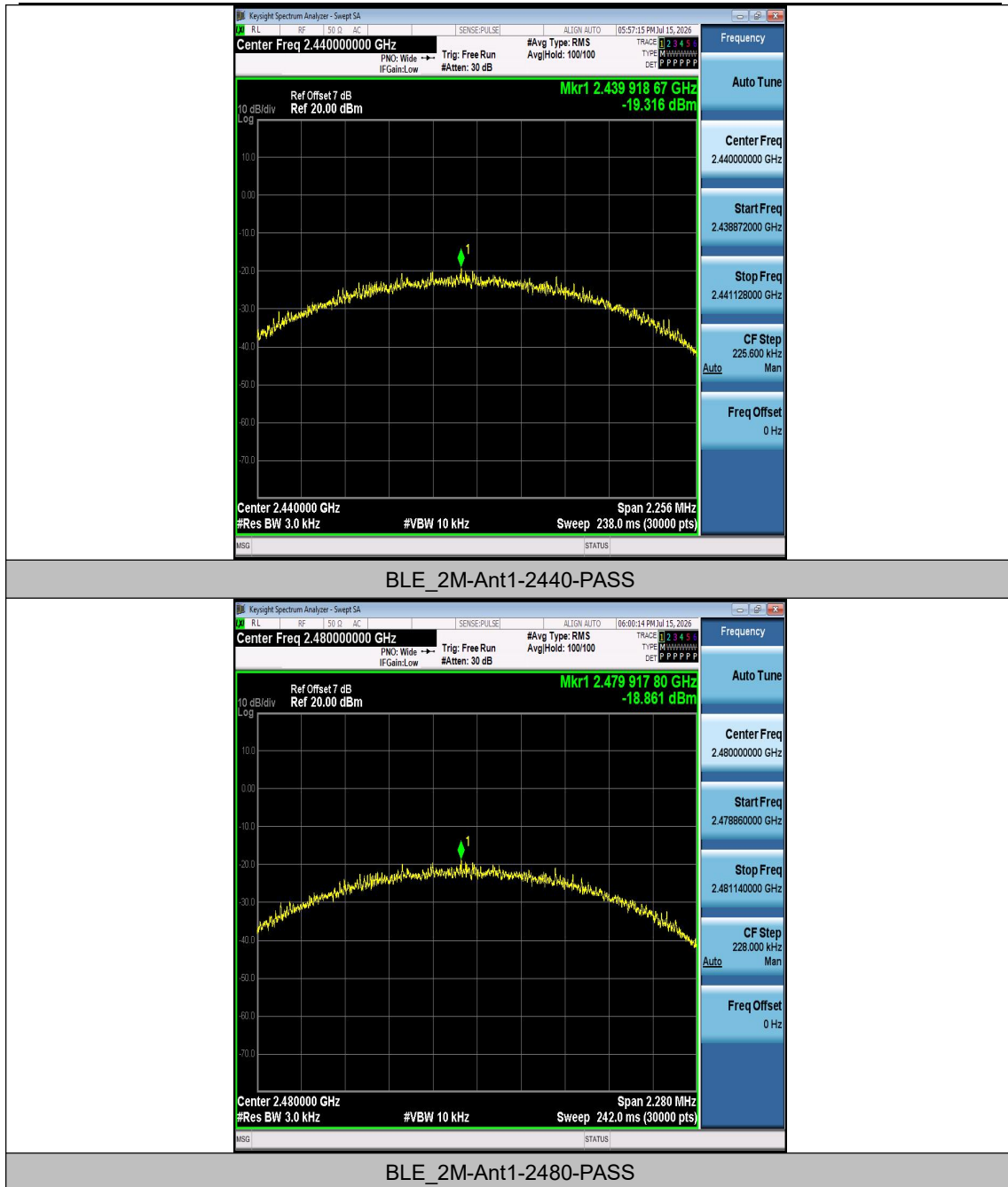
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.00	-46.95	≤ -21	PASS
BLE_1M	Ant1	High	2480	0.25	-49.49	≤ -19.76	PASS
BLE_2M	Ant1	Low	2402	-1.84	-33.95	≤ -21.84	PASS
BLE_2M	Ant1	High	2480	-0.88	-49.71	≤ -20.88	PASS