

Appendix Test Data

Report No.:	1812C60325812501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-16	Finish Test Date:	2026-6-17
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	70%
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	0.652	2401.672	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.660	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.652	2479.664	2480.316	0.5	PASS

Test Graphs



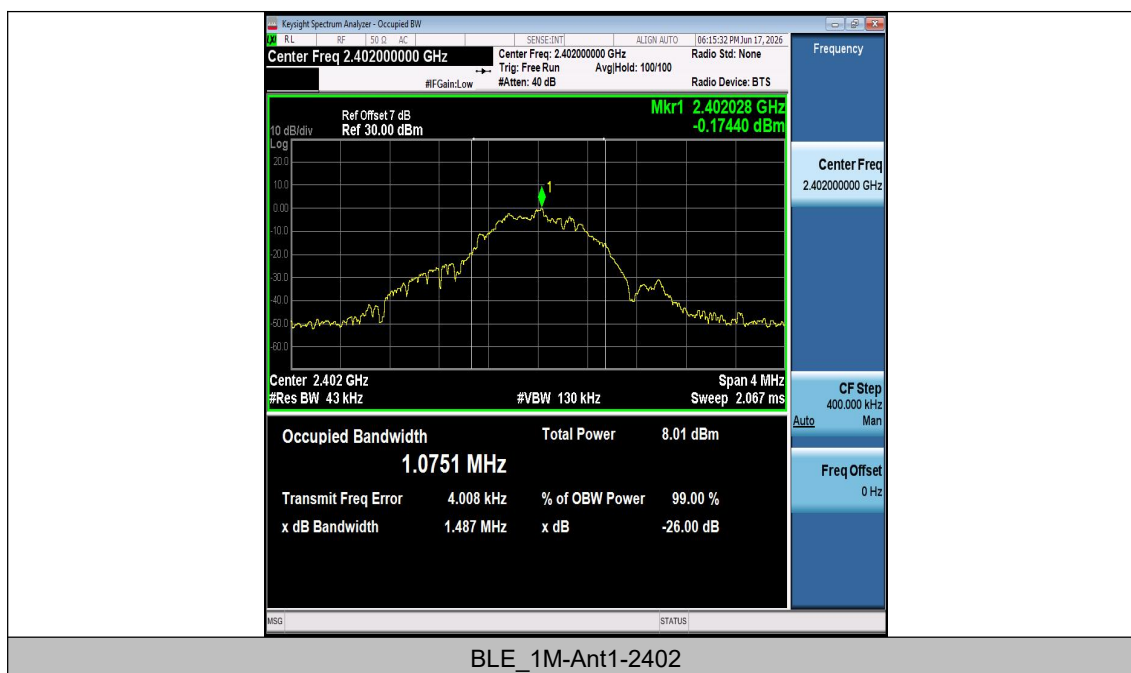


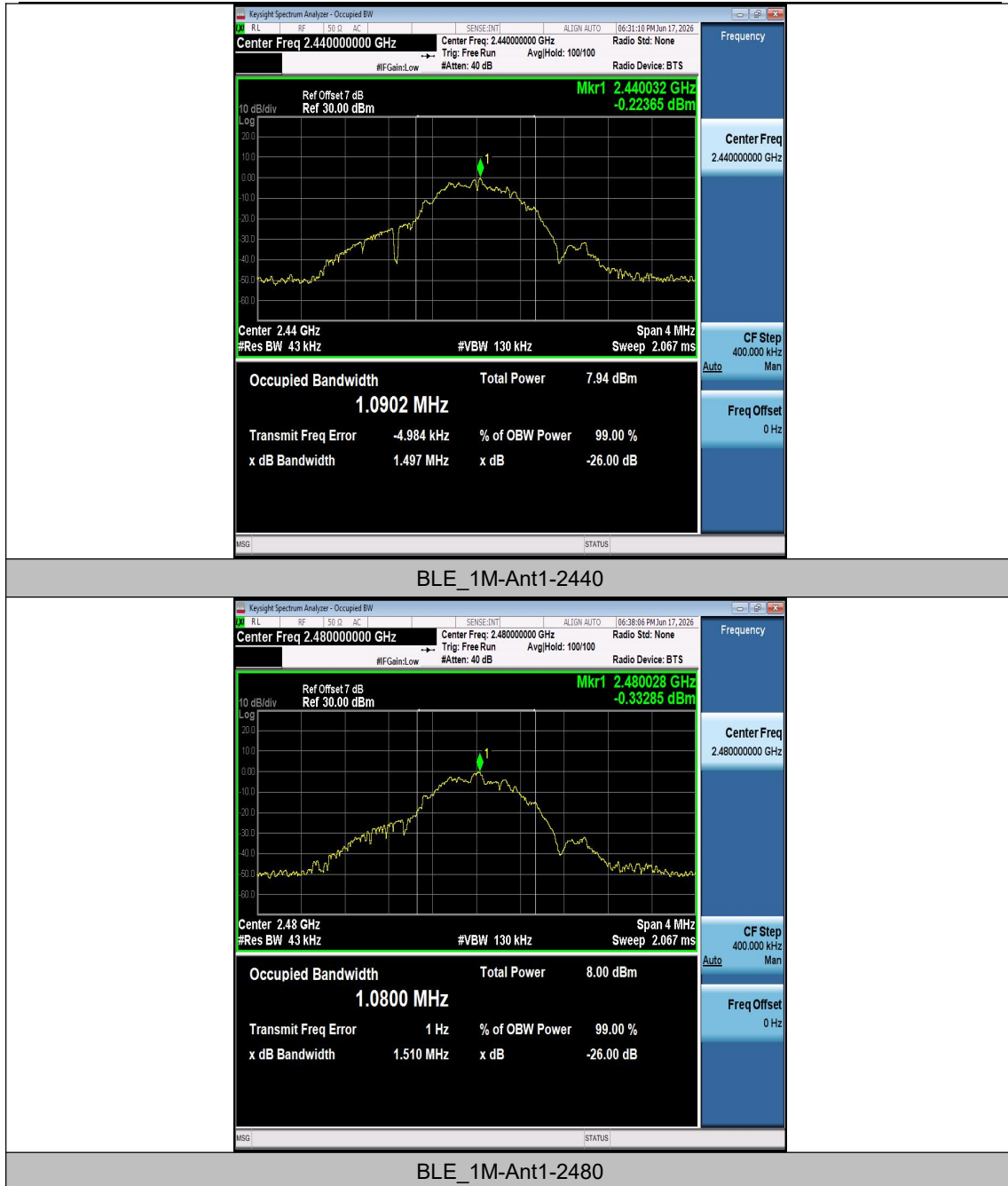
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0751	2401.4665	2402.5416	---	---
BLE_1M	Ant1	2440	1.0902	2439.4499	2440.5401	---	---
BLE_1M	Ant1	2480	1.0800	2479.4600	2480.5400	---	---

Test Graphs





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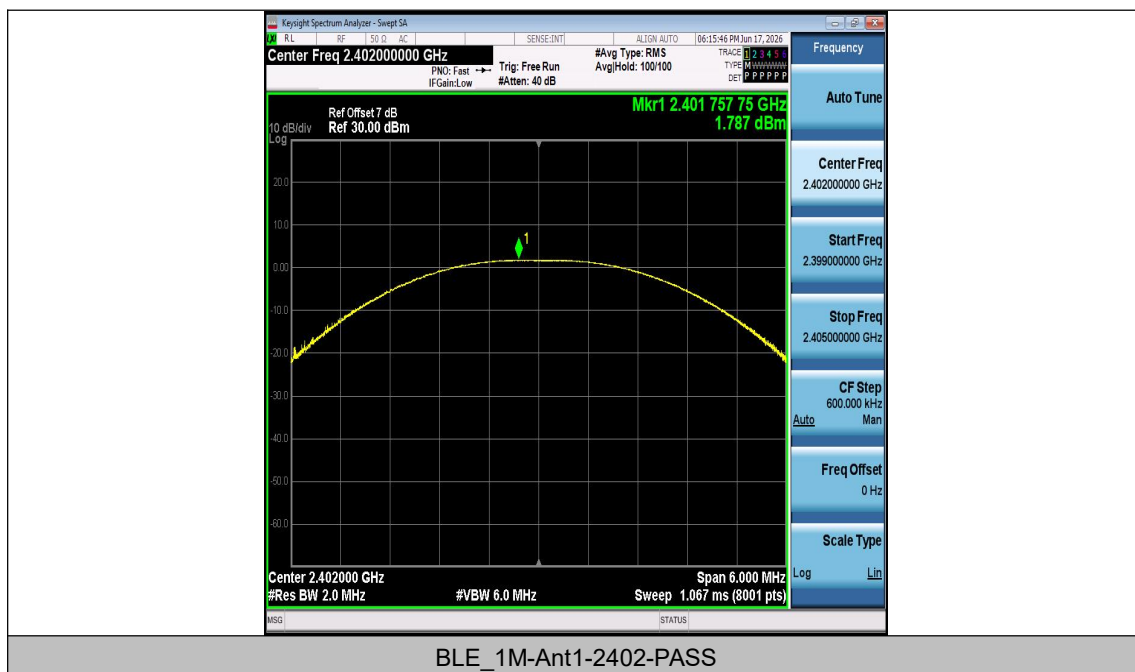
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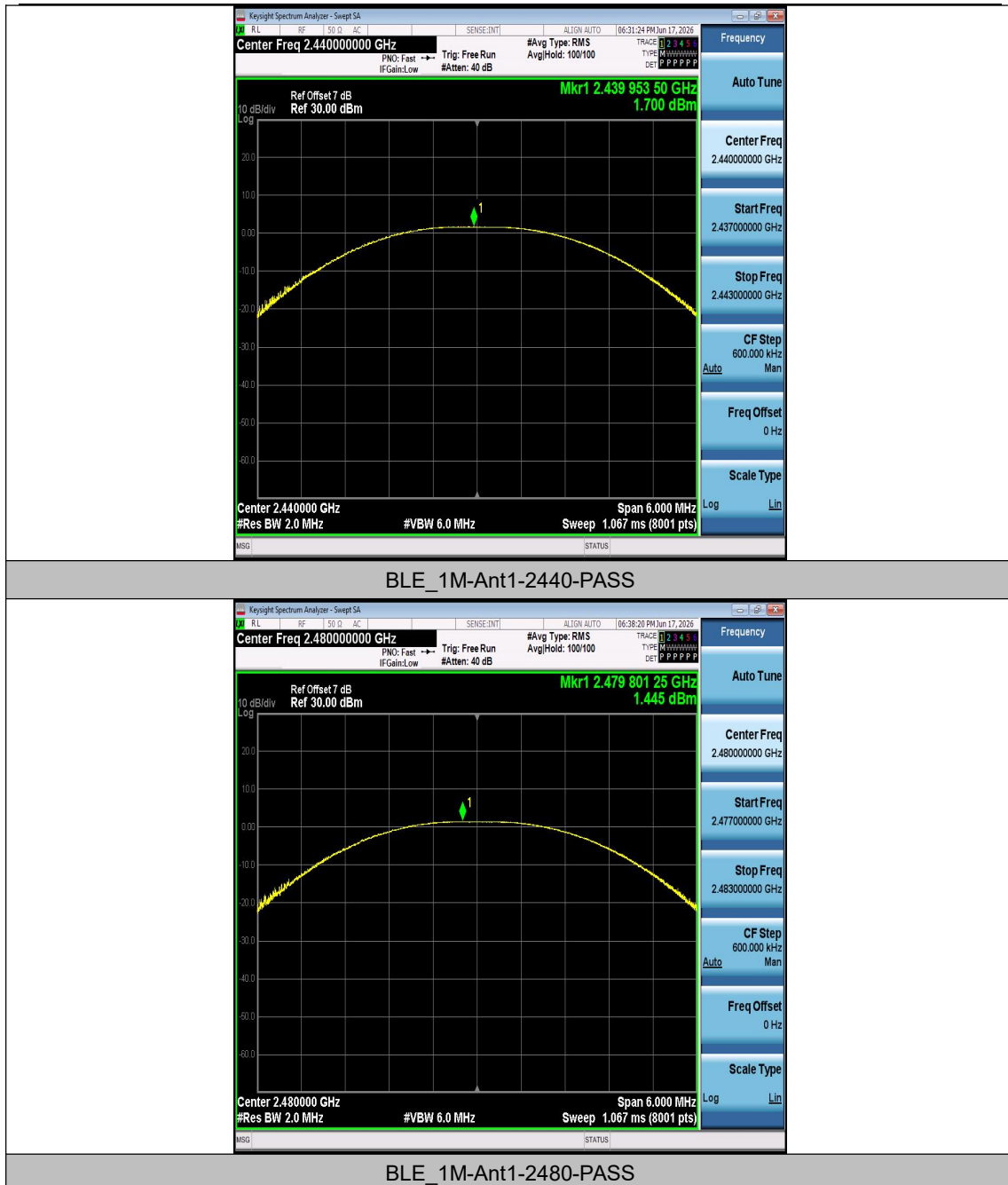
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.79	≤30	PASS
BLE_1M	Ant1	2440	1.70	≤30	PASS
BLE_1M	Ant1	2480	1.45	≤30	PASS

Test Graphs Peak





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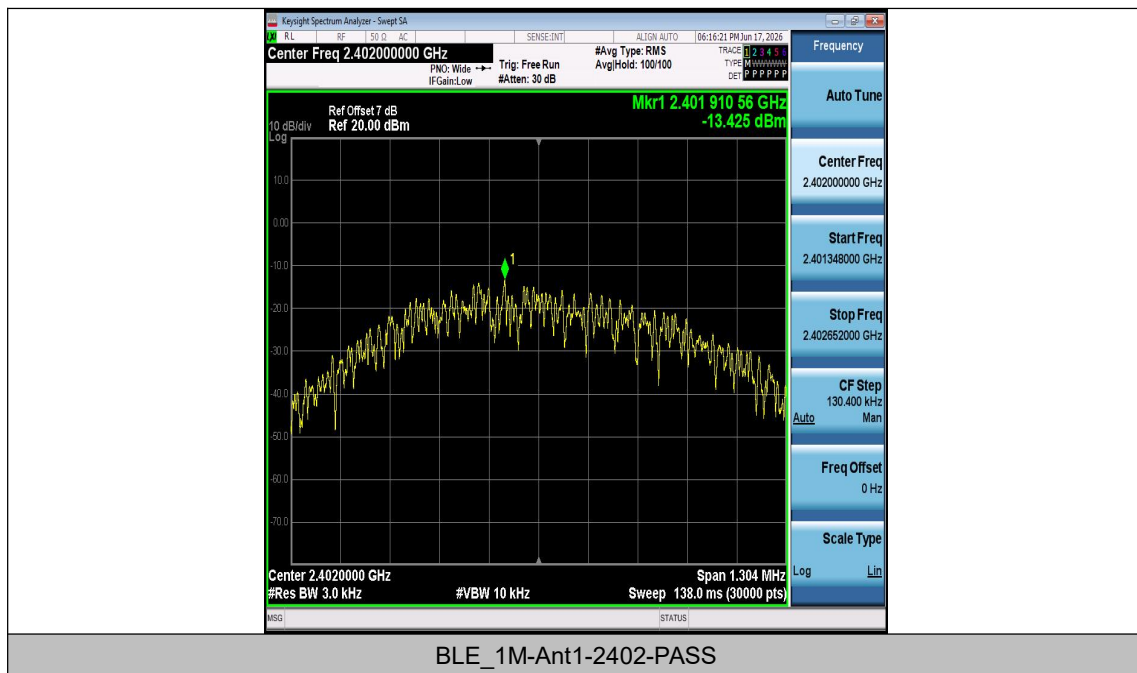
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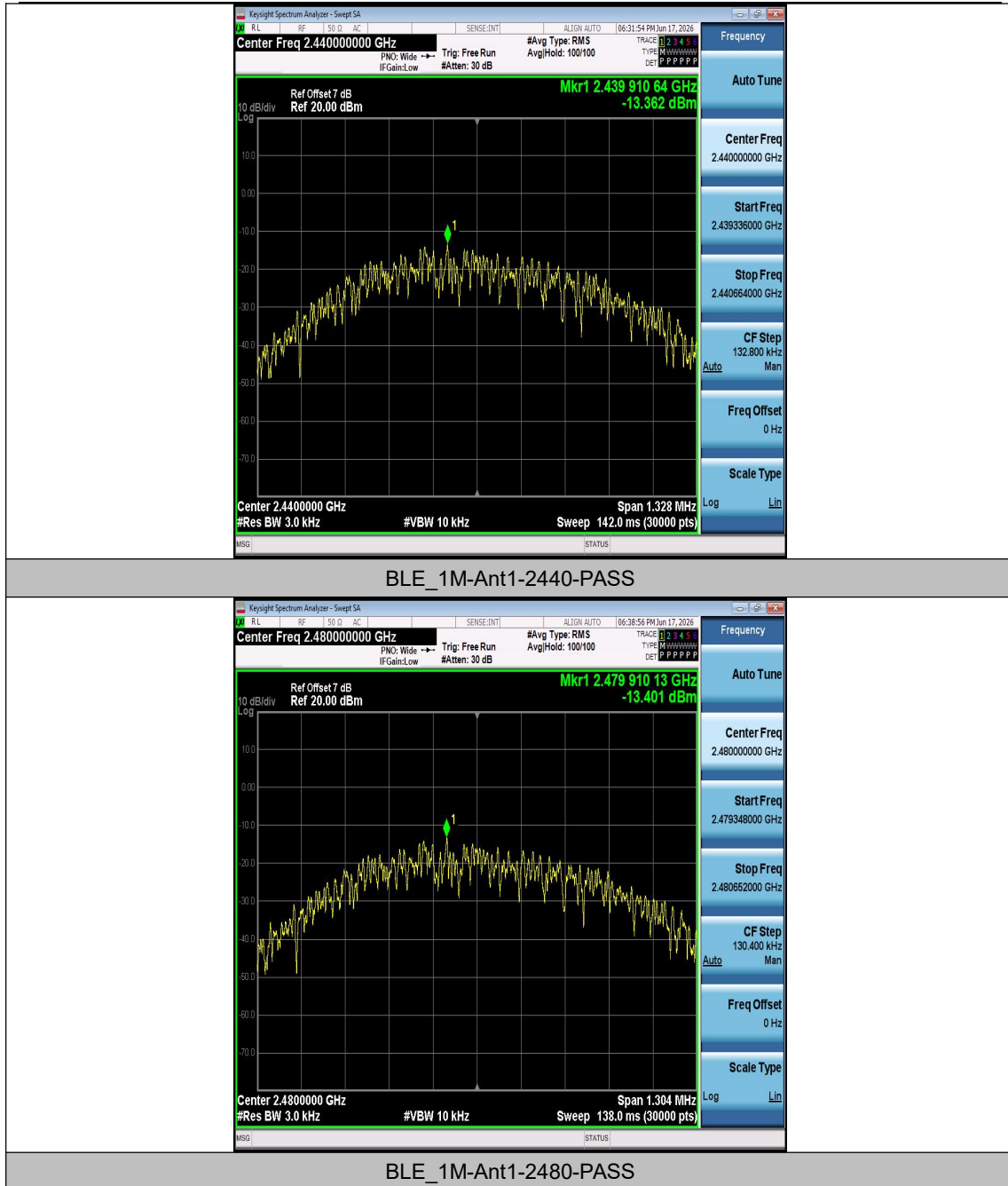
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.43	≤8.00	PASS
BLE_1M	Ant1	2440	-13.36	≤8.00	PASS
BLE_1M	Ant1	2480	-13.40	≤8.00	PASS

Test Graphs





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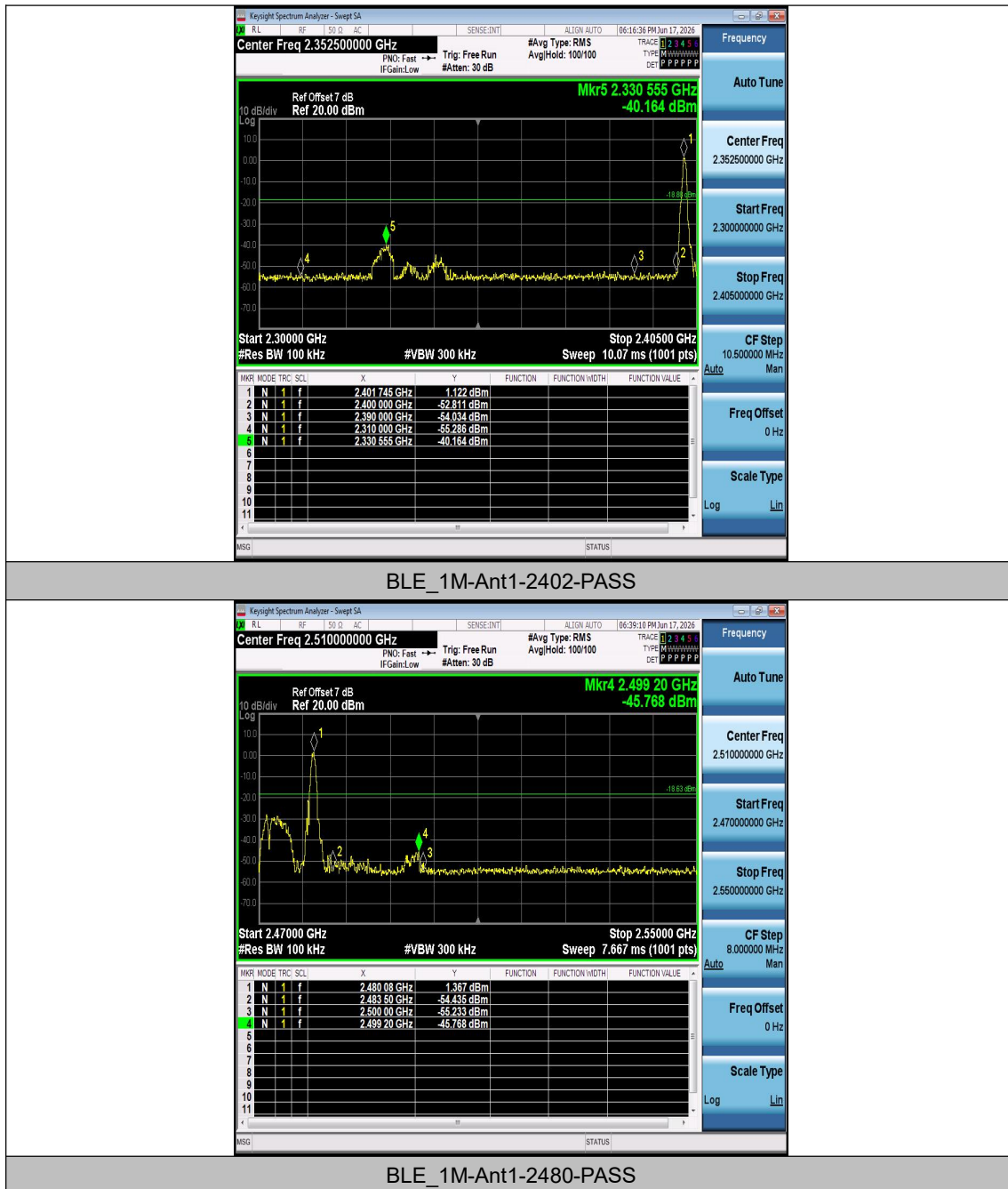
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.12	-40.16	≤-18.88	PASS
BLE_1M	Ant1	High	2480	1.37	-45.77	≤-18.63	PASS

Test Graphs



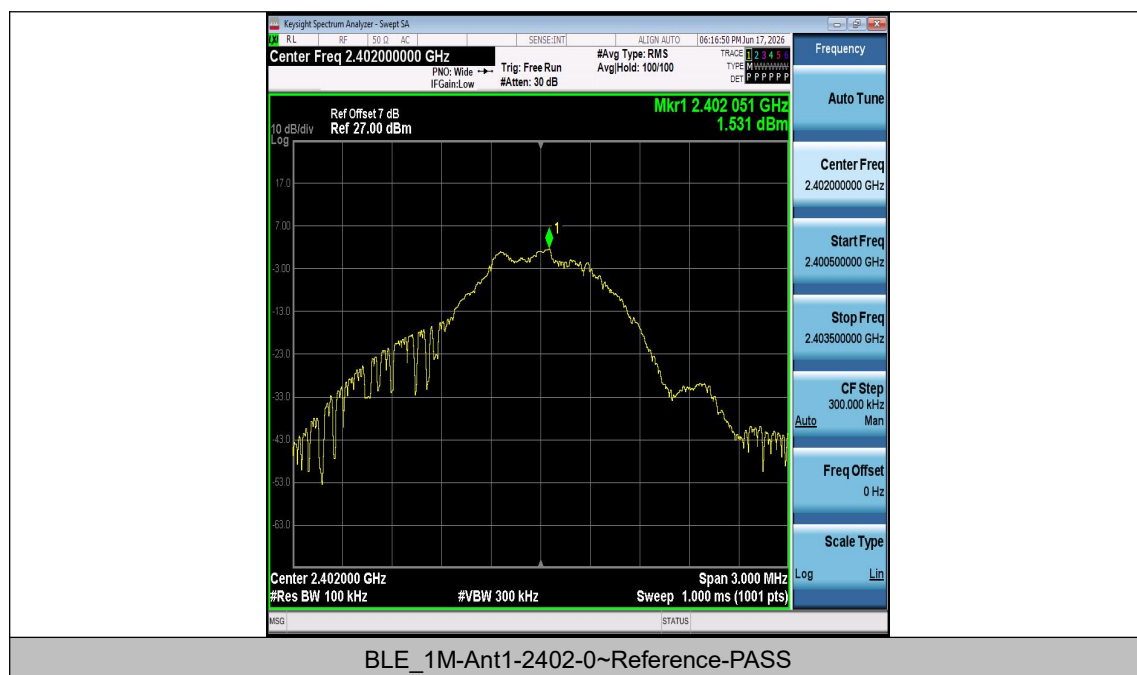
Appendix F: Conducted Spurious Emission

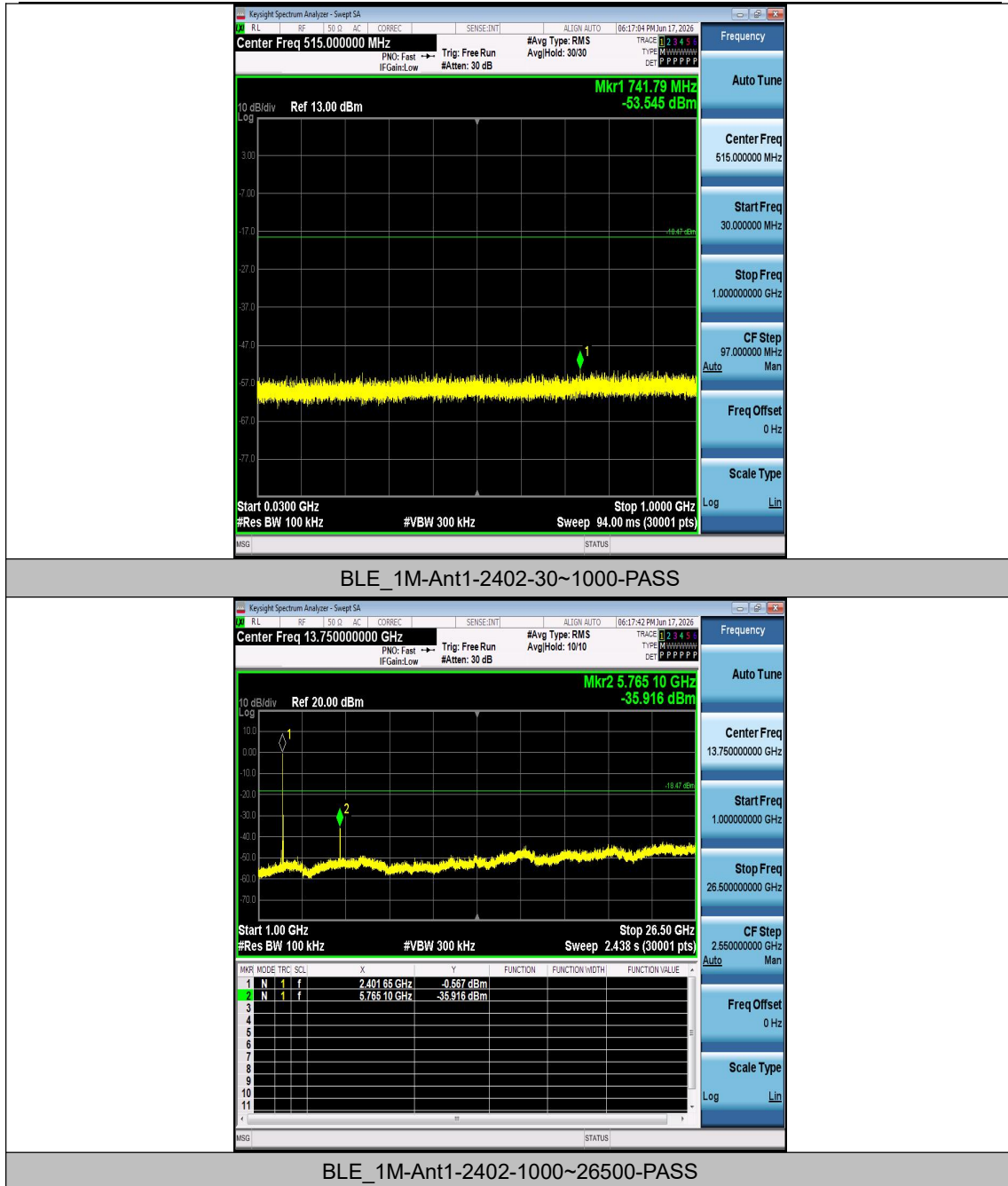
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.53	1.53	---	PASS
BLE_1M	Ant1	2402	30~1000	1.53	-53.55	≤-18.47	PASS
BLE_1M	Ant1	2402	1000~26500	1.53	-35.92	≤-18.47	PASS
BLE_1M	Ant1	2440	0~Reference	1.50	1.50	---	PASS
BLE_1M	Ant1	2440	30~1000	1.50	-33.91	≤-18.5	PASS
BLE_1M	Ant1	2440	1000~26500	1.50	-41.82	≤-18.5	PASS
BLE_1M	Ant1	2480	0~Reference	1.18	1.18	---	PASS
BLE_1M	Ant1	2480	30~1000	1.18	-53.42	≤-18.82	PASS
BLE_1M	Ant1	2480	1000~26500	1.18	-42.45	≤-18.82	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

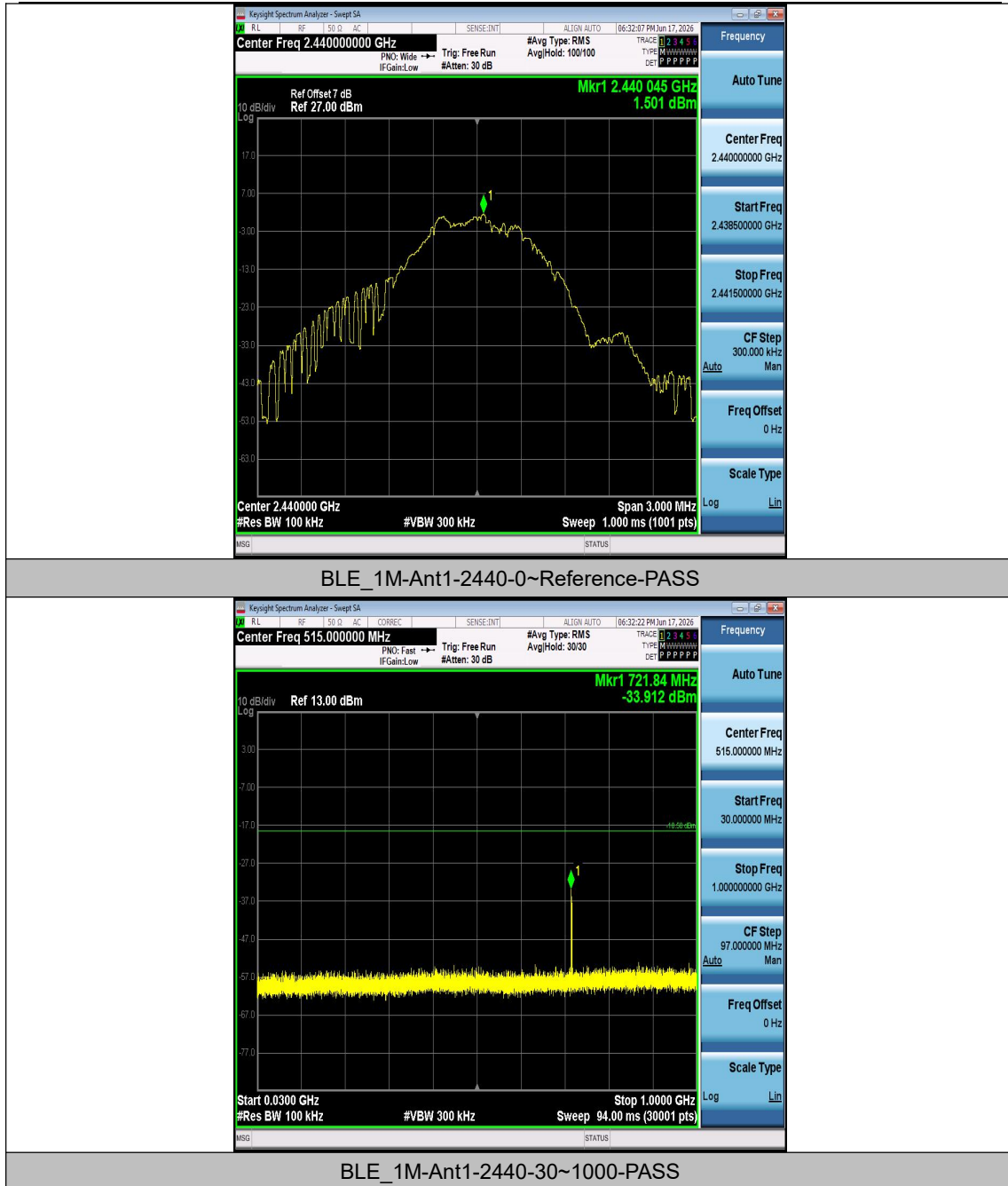




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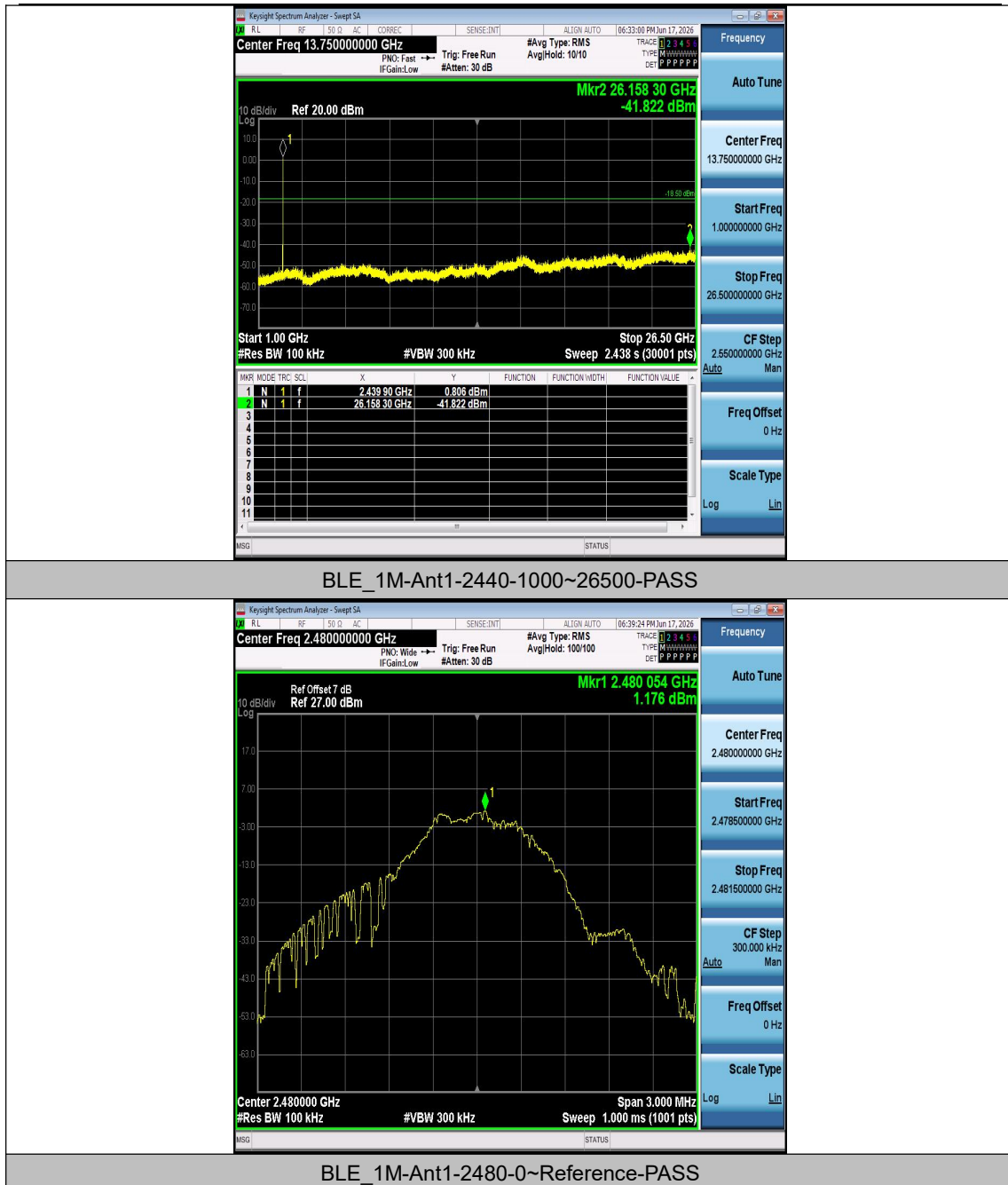
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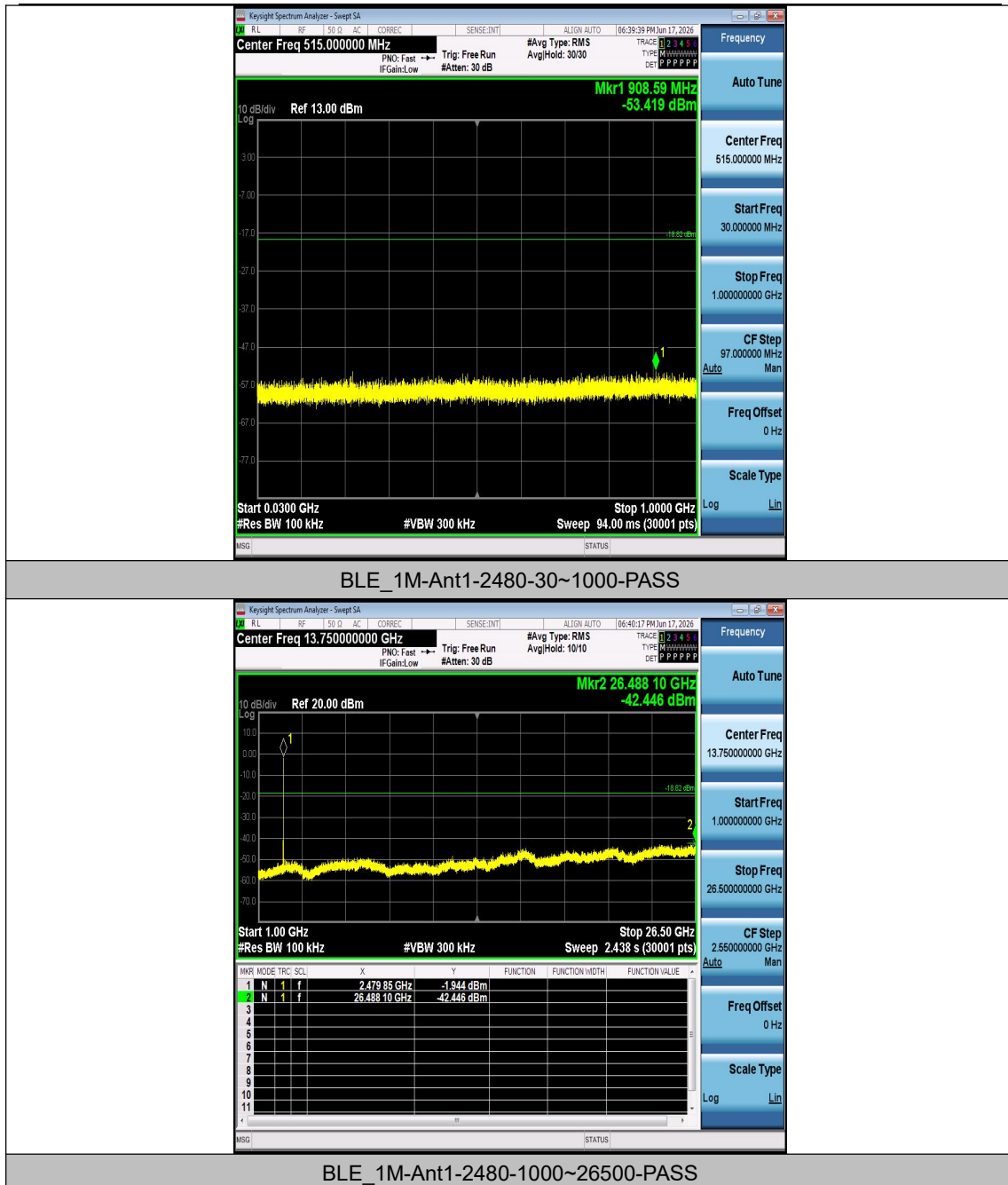
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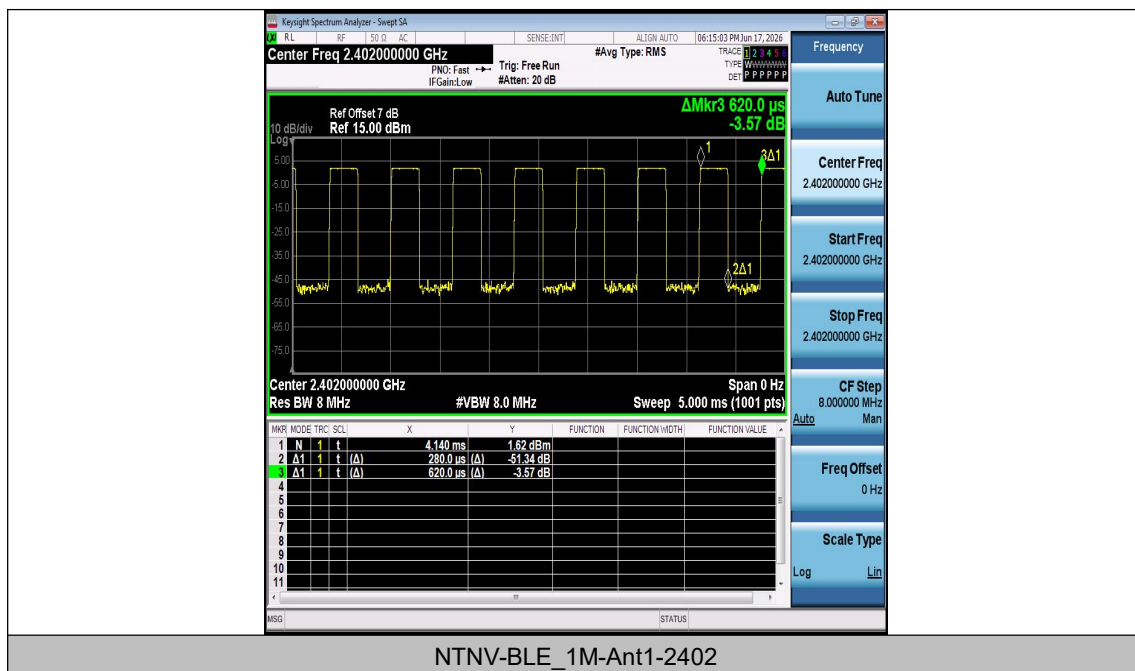
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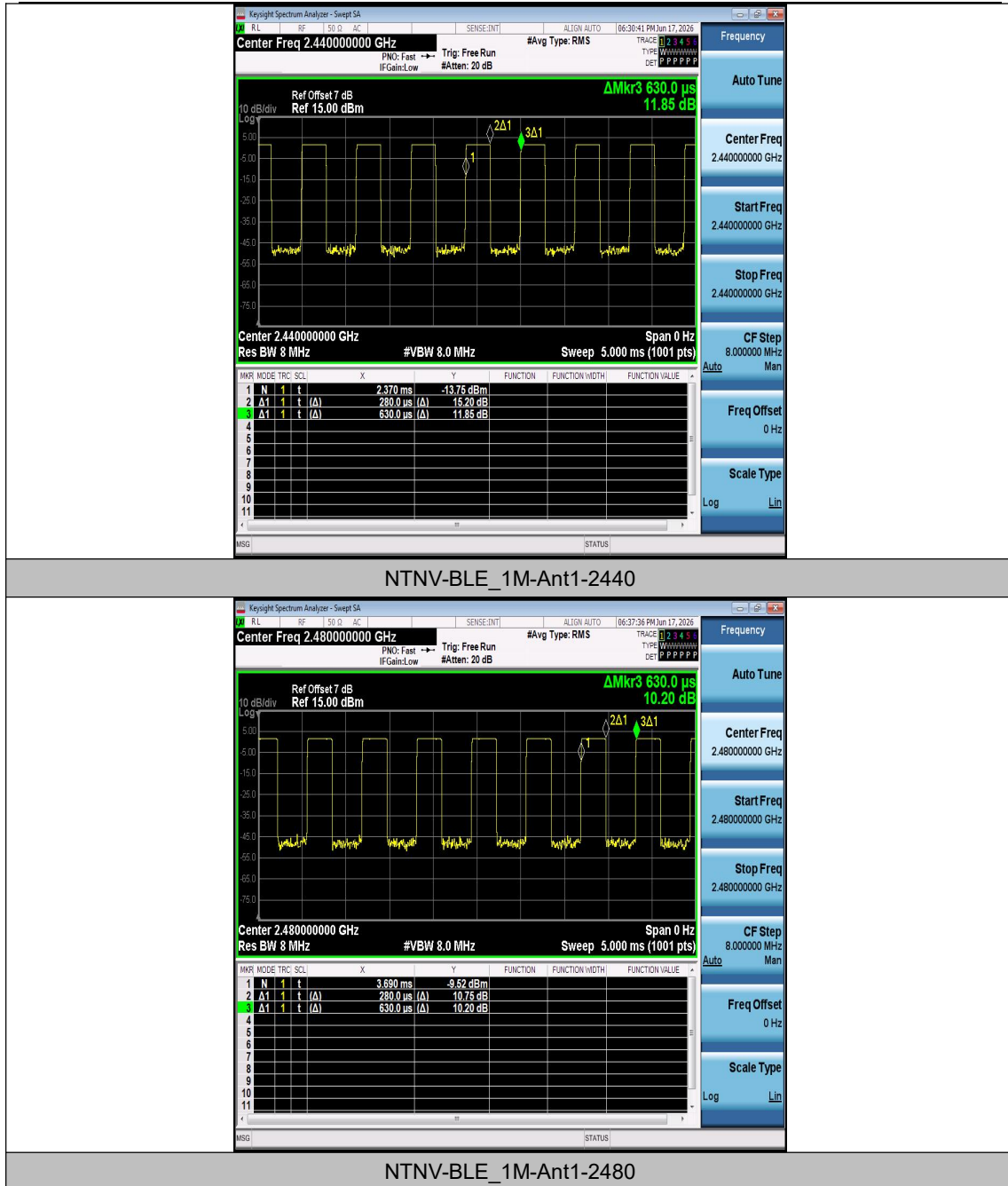
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.28	0.62	45.16	3.45
BLE_1M	Ant1	2440	0.28	0.63	44.44	3.52
BLE_1M	Ant1	2480	0.28	0.63	44.44	3.52

Test Graphs





---End---