

Appendix Test Data

Report No.:	1812C60277212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-19	Finish Test Date:	2026-5-25
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.5°C	Relative Humidity:	68%
Pressure:	101kPa		

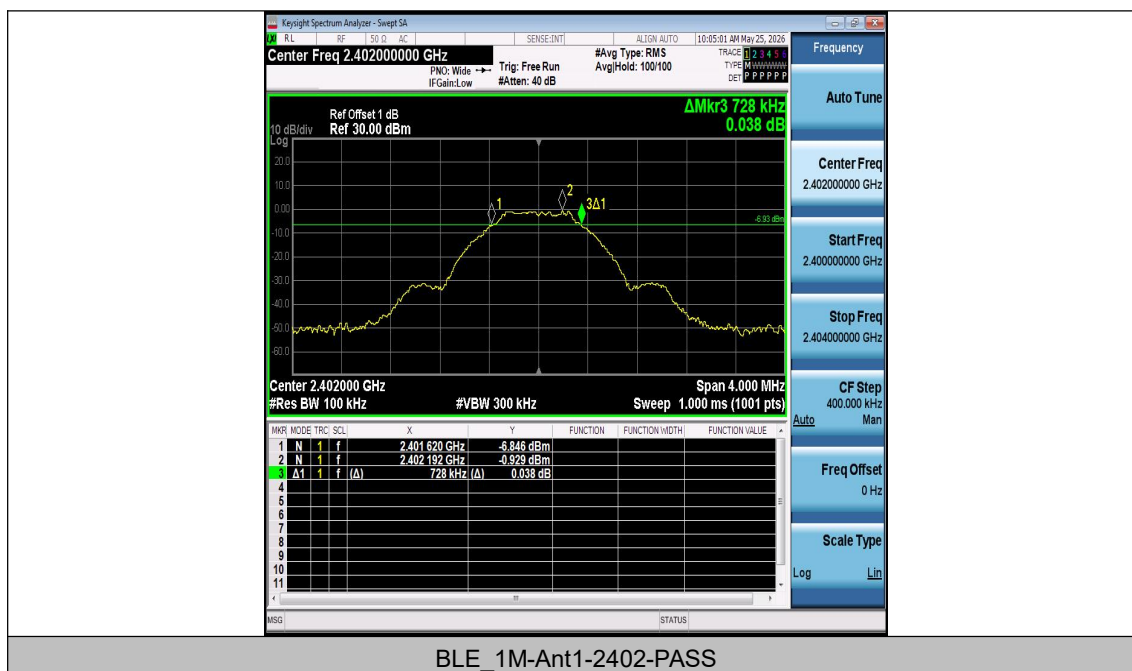


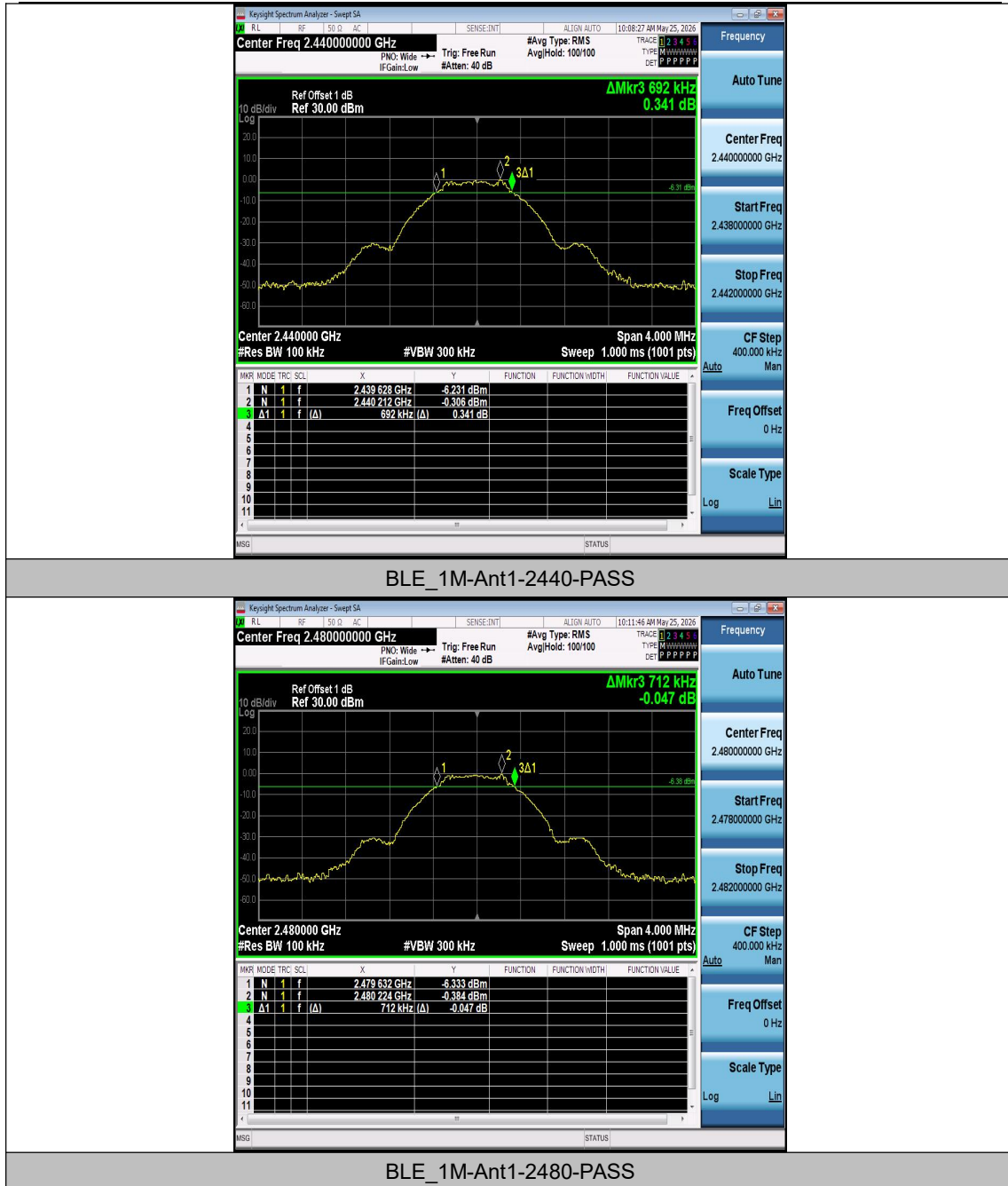
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.728	2401.620	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.692	2439.628	2440.320	0.5	PASS
BLE_1M	Ant1	2480	0.712	2479.632	2480.344	0.5	PASS

Test Graphs



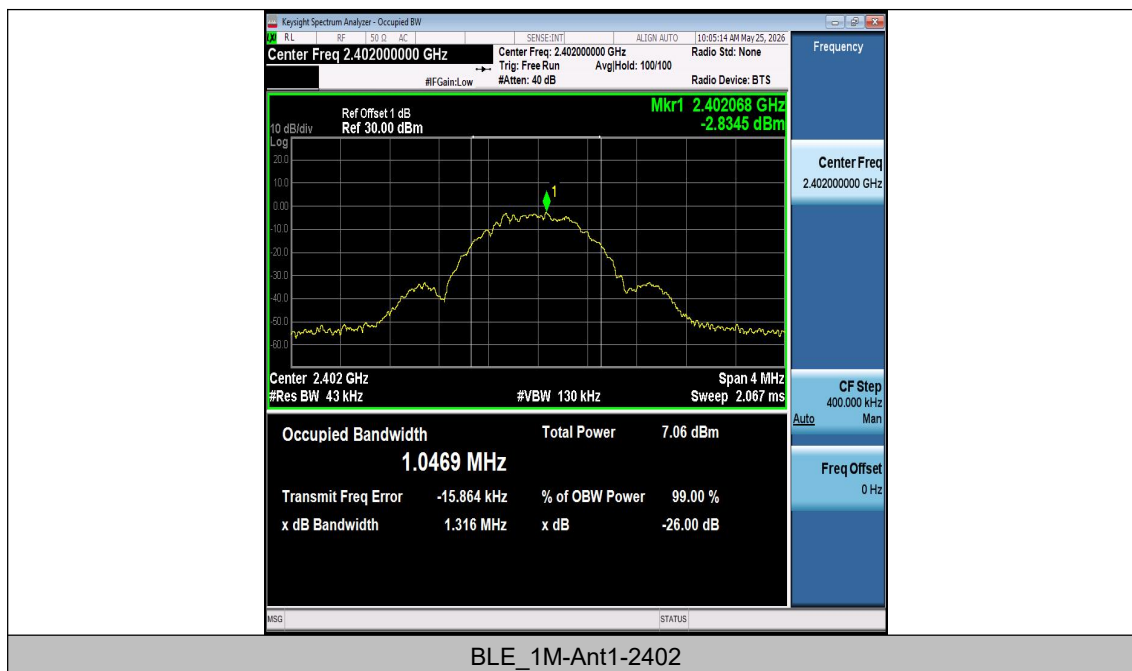


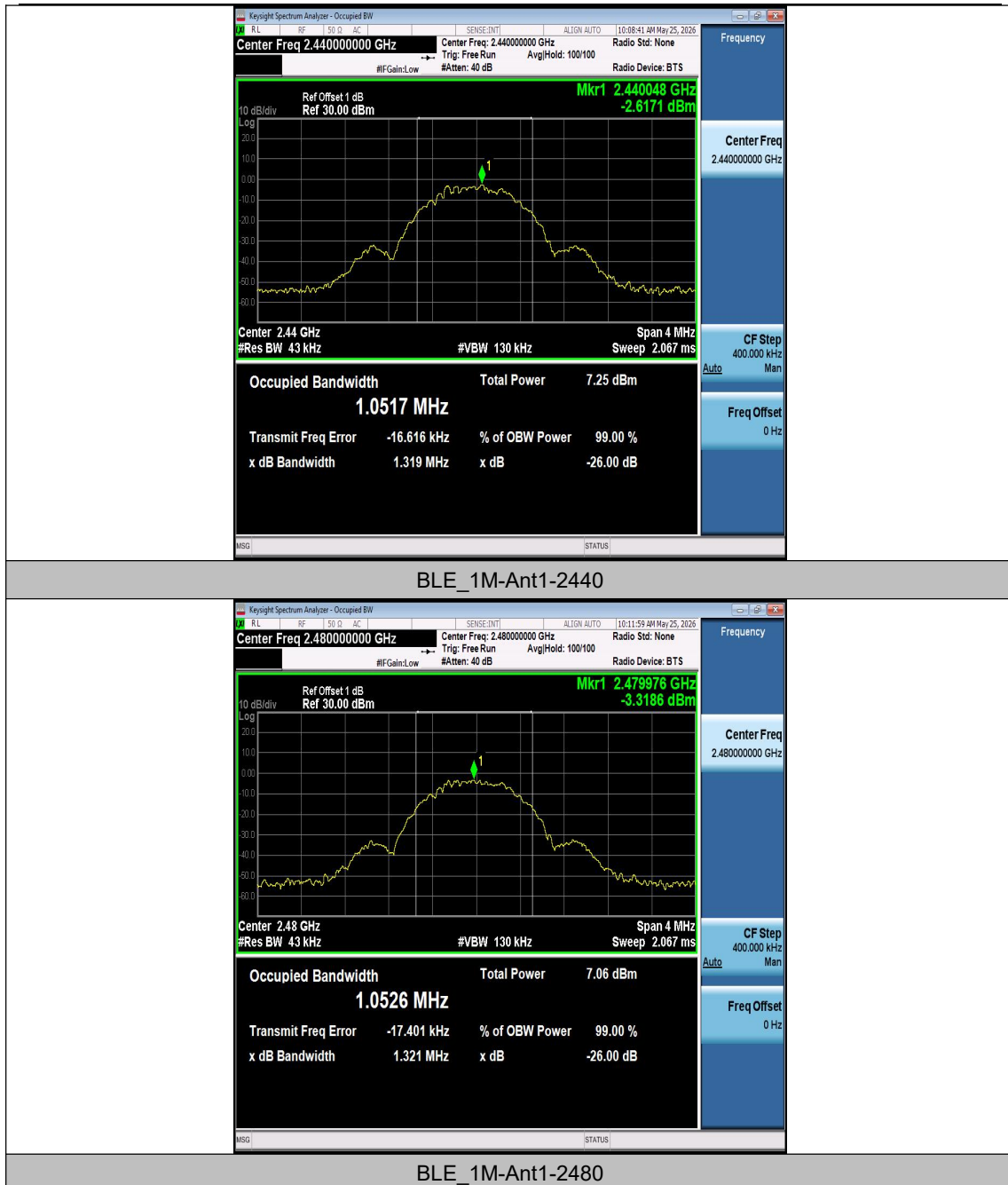
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0469	2401.4607	2402.5076	---	---
BLE_1M	Ant1	2440	1.0517	2439.4575	2440.5092	---	---
BLE_1M	Ant1	2480	1.0526	2479.4563	2480.5089	---	---

Test Graphs





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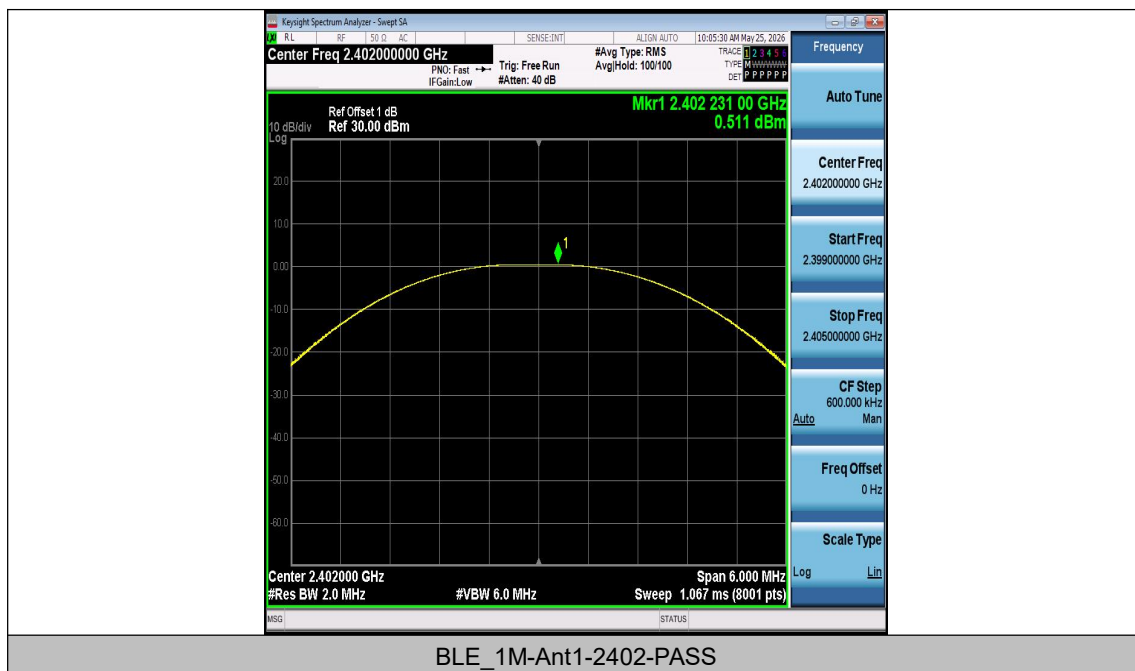
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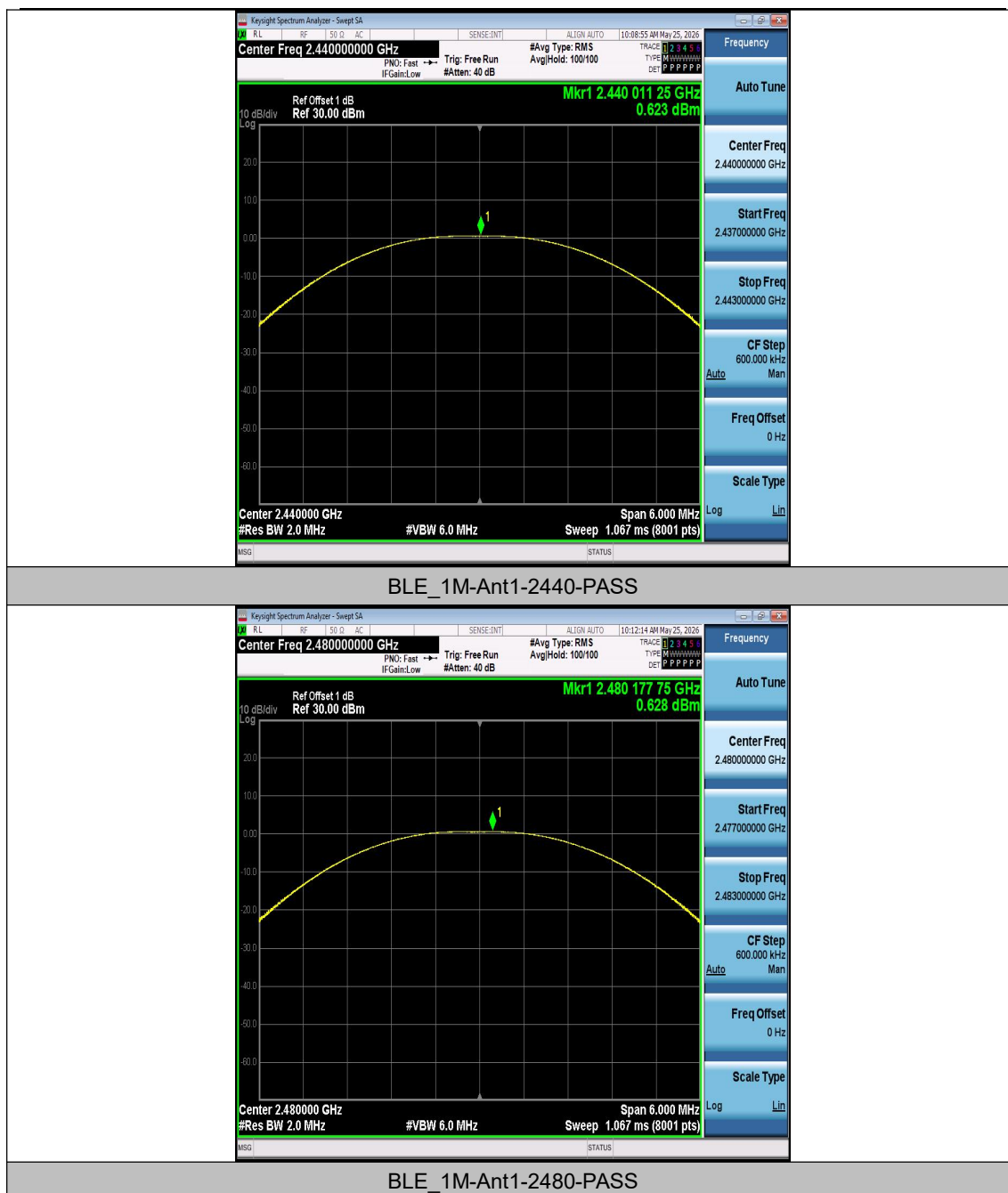
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power [dBm]	Conducted Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0.51	≤30	PASS
BLE_1M	Ant1	2440	0.62	≤30	PASS
BLE_1M	Ant1	2480	0.63	≤30	PASS

Test Graphs Peak





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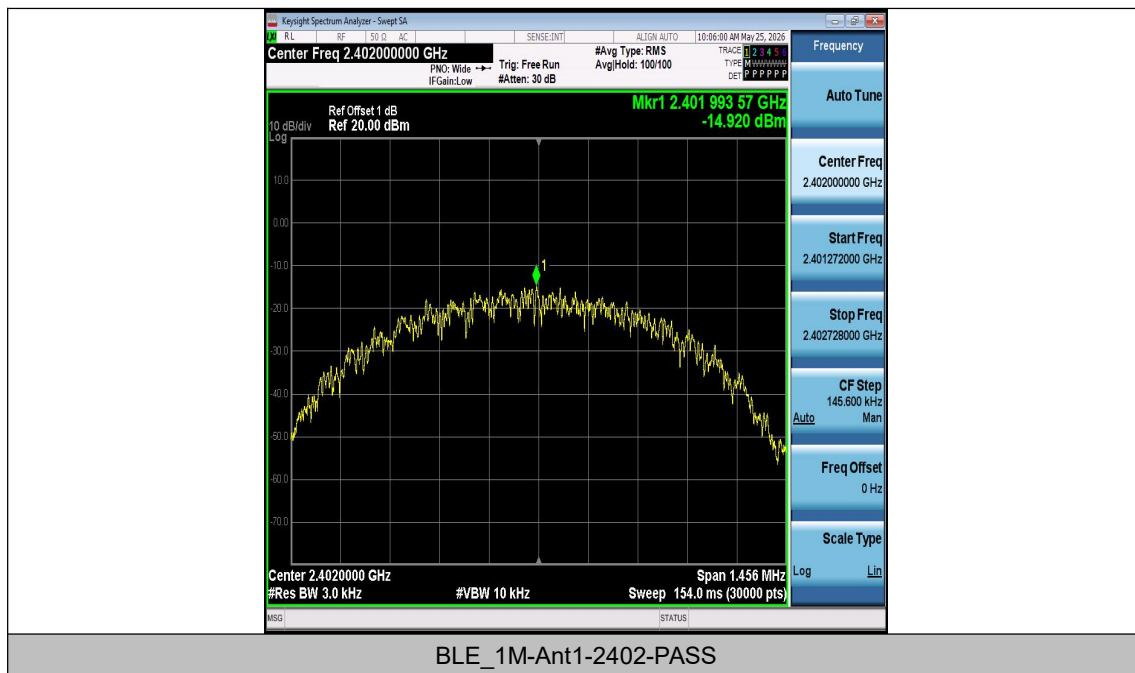
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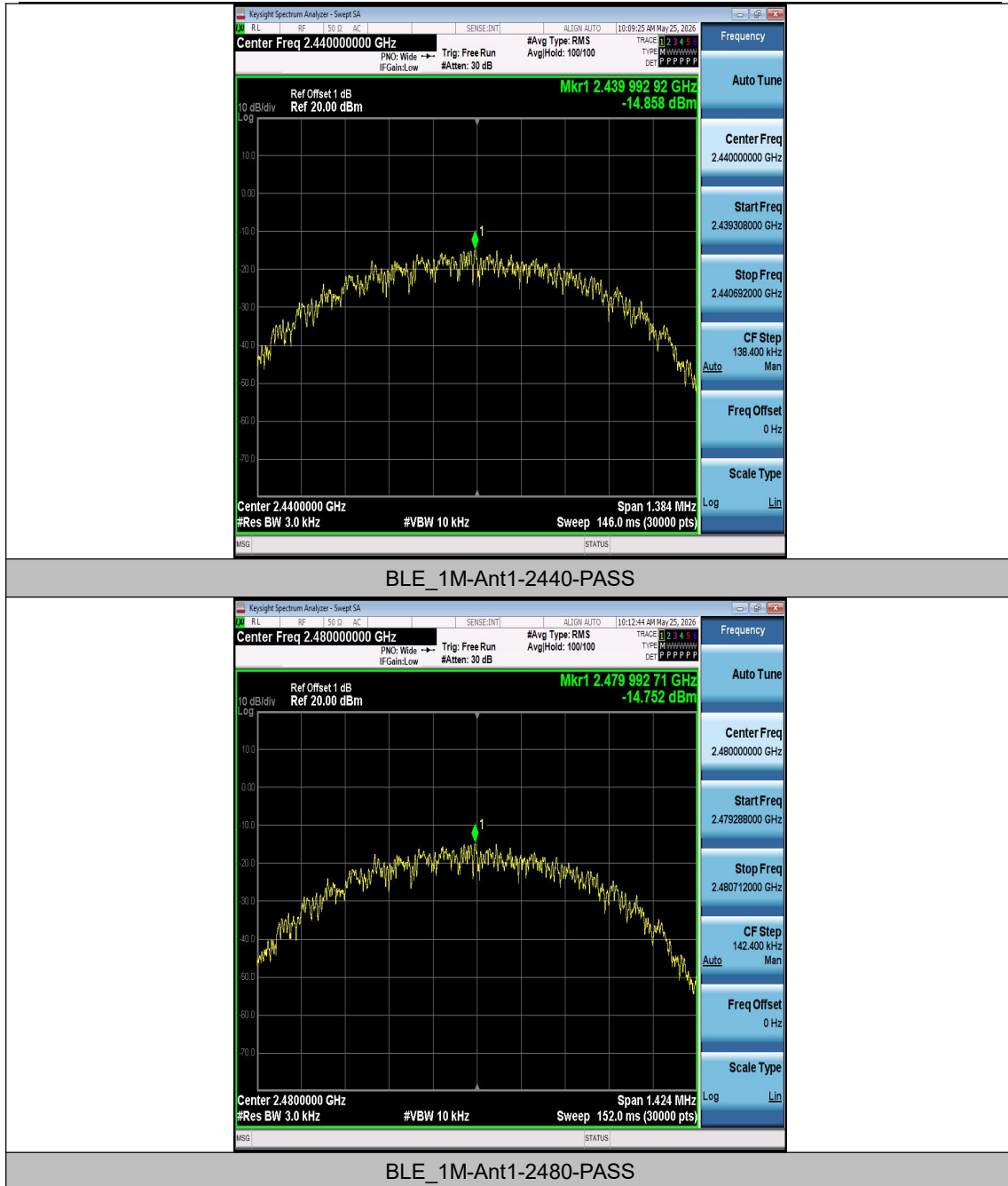
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.92	≤8.00	PASS
BLE_1M	Ant1	2440	-14.86	≤8.00	PASS
BLE_1M	Ant1	2480	-14.75	≤8.00	PASS

Test Graphs





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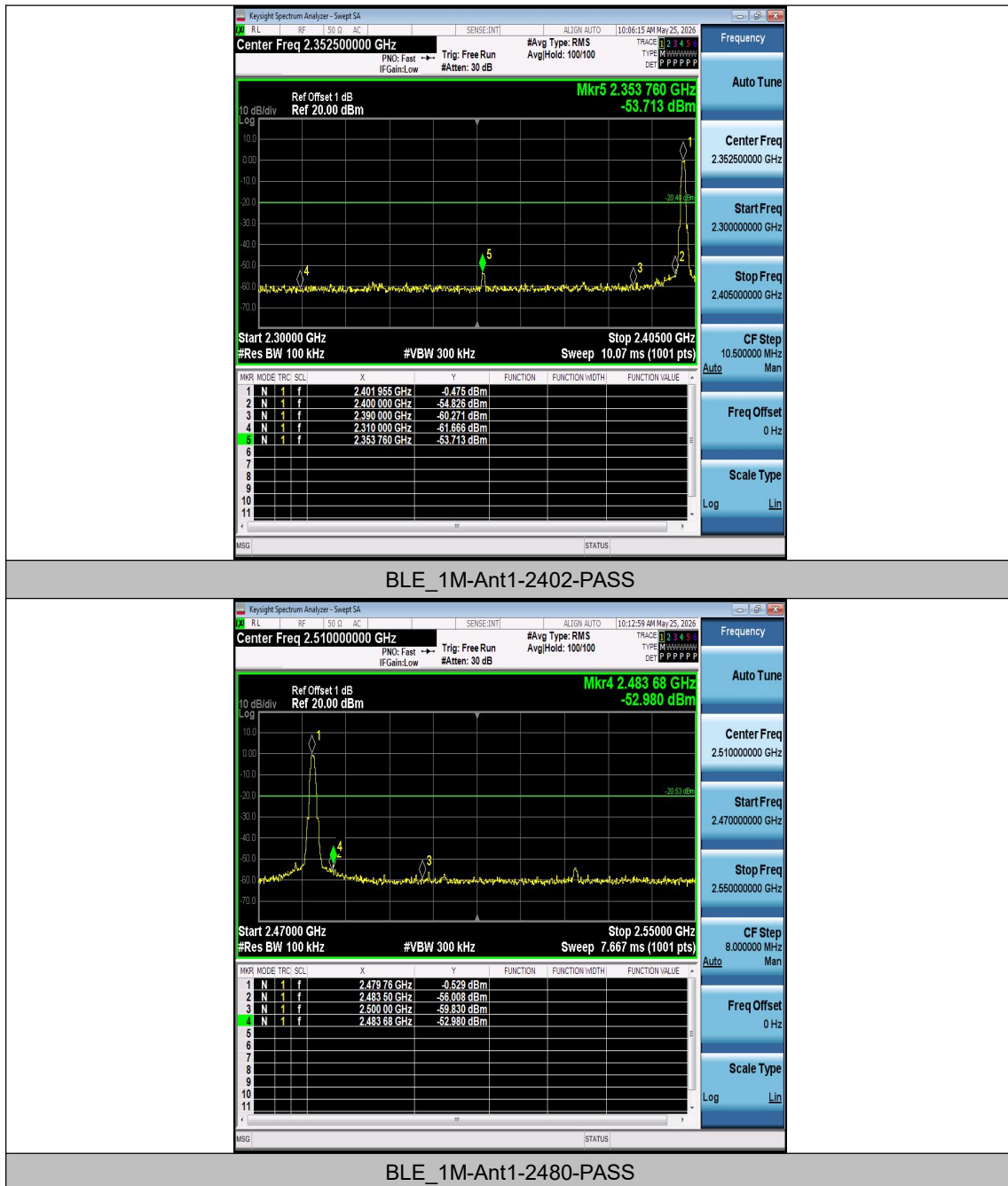
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.48	-53.71	≤ -20.48	PASS
BLE_1M	Ant1	High	2480	-0.53	-52.98	≤ -20.53	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

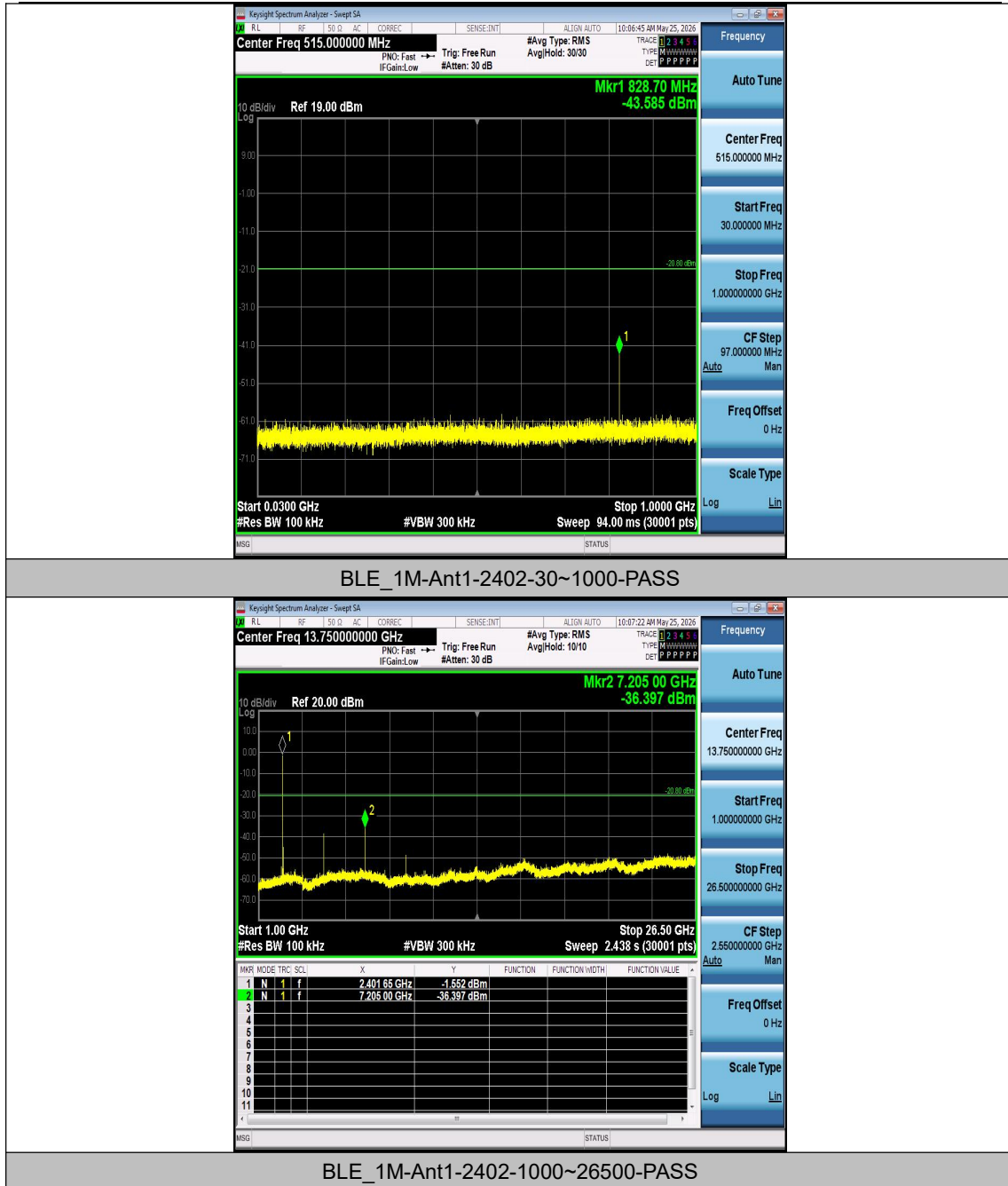
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.80	-0.80	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.80	-43.59	≤-20.8	PASS
BLE_1M	Ant1	2402	1000~26500	-0.80	-36.4	≤-20.8	PASS
BLE_1M	Ant1	2440	0~Reference	-0.35	-0.35	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.35	-44.63	≤-20.35	PASS
BLE_1M	Ant1	2440	1000~26500	-0.35	-36.76	≤-20.35	PASS
BLE_1M	Ant1	2480	0~Reference	-0.40	-0.40	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.40	-41.43	≤-20.4	PASS
BLE_1M	Ant1	2480	1000~26500	-0.40	-38.21	≤-20.4	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

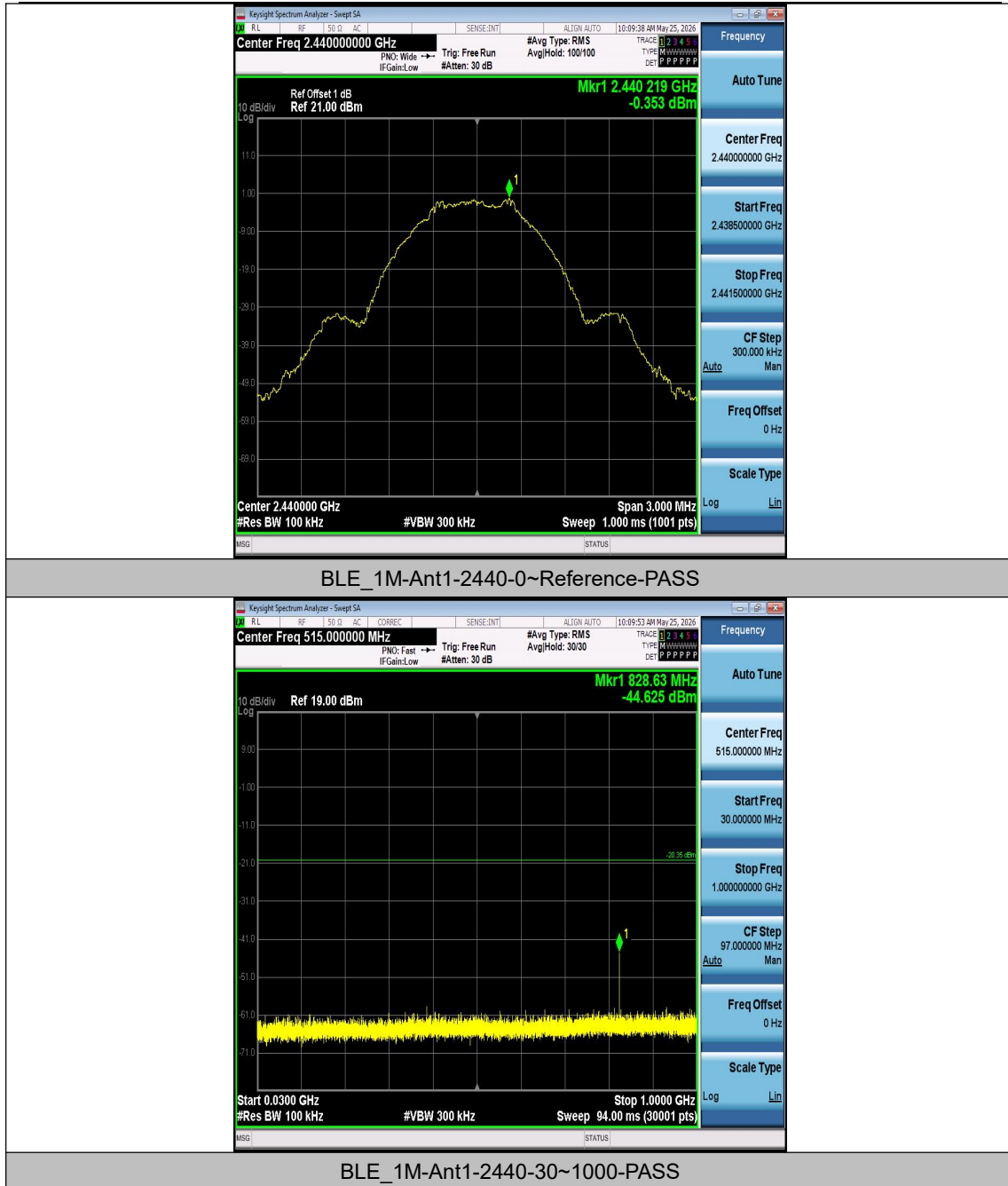




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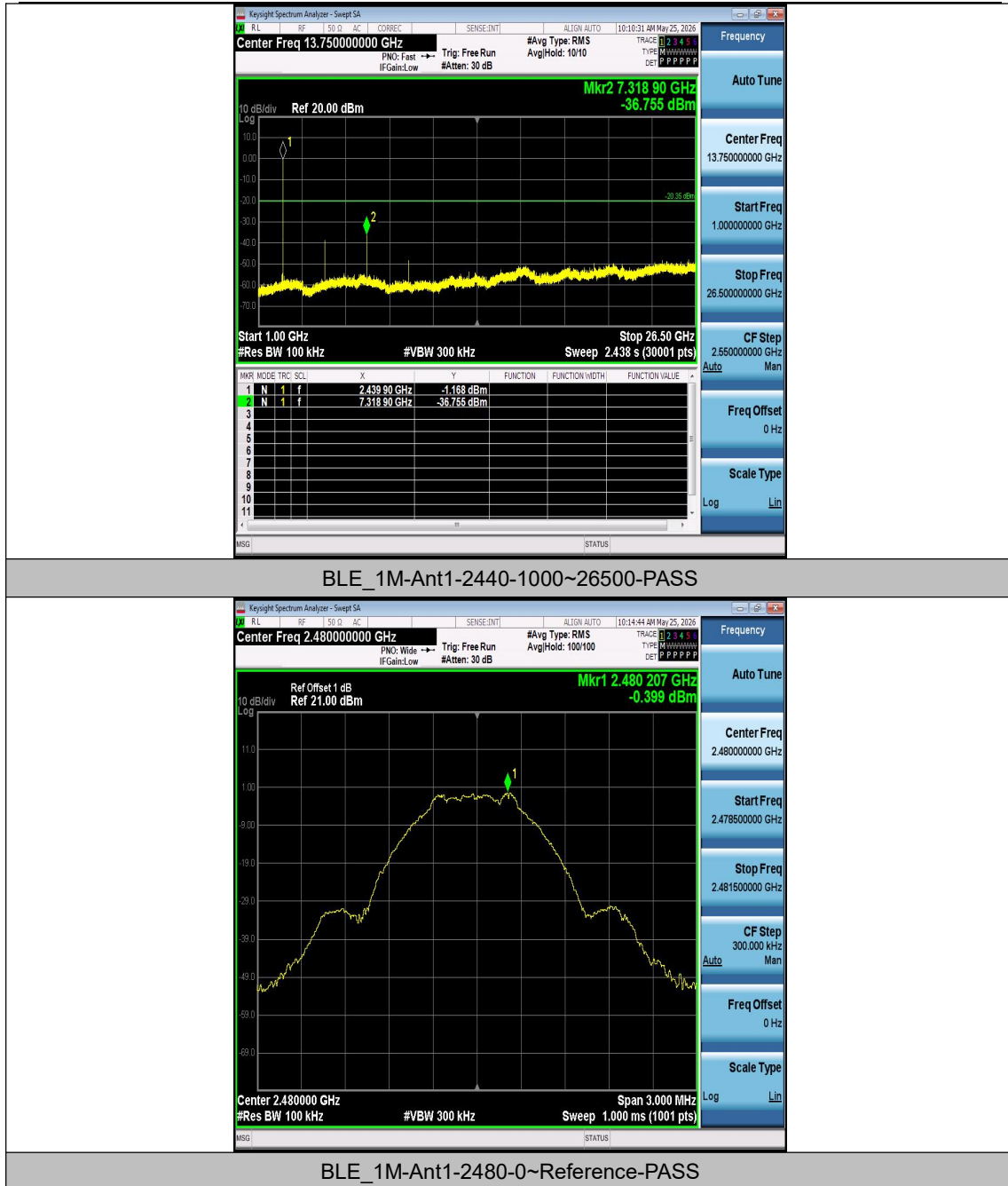
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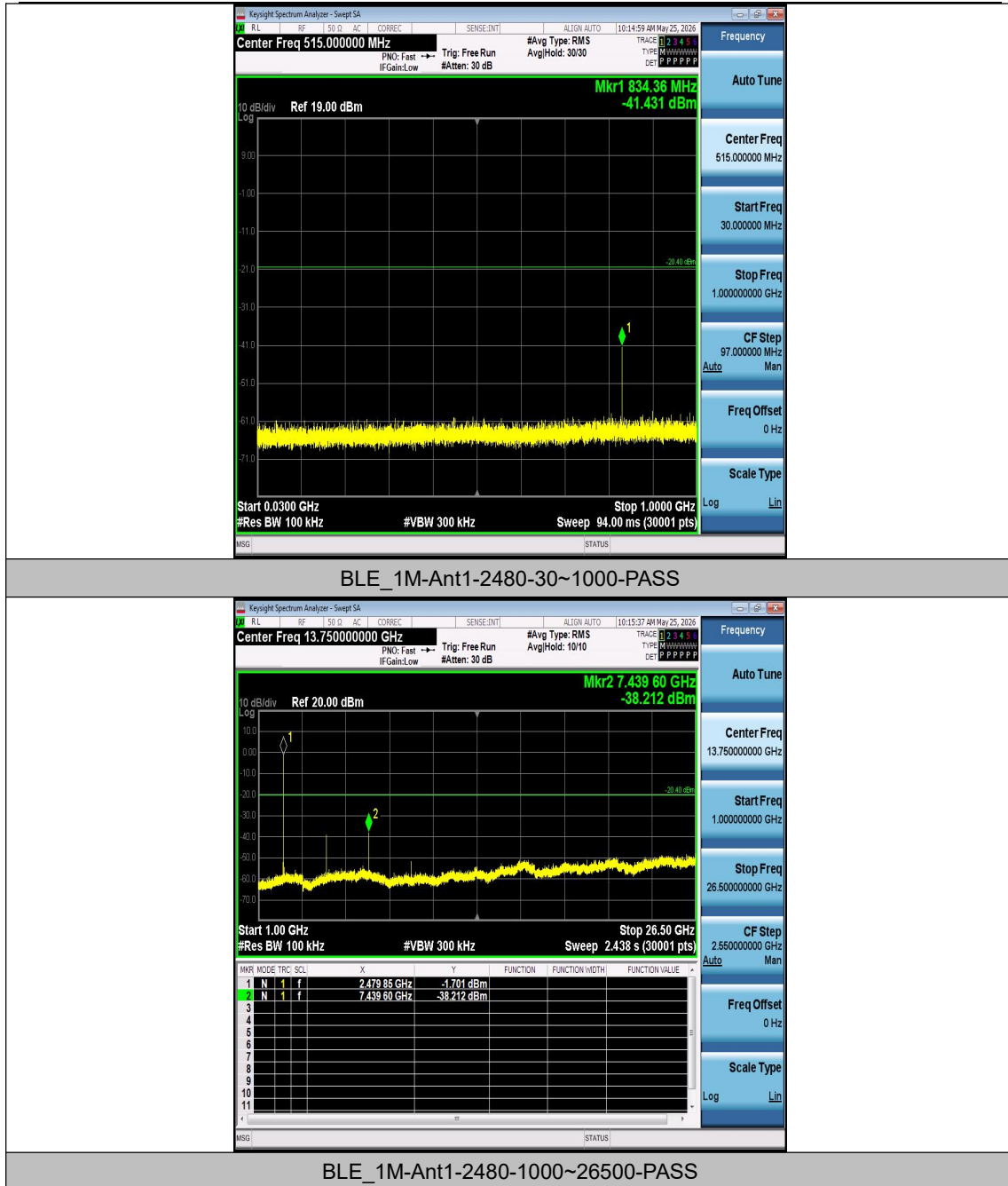
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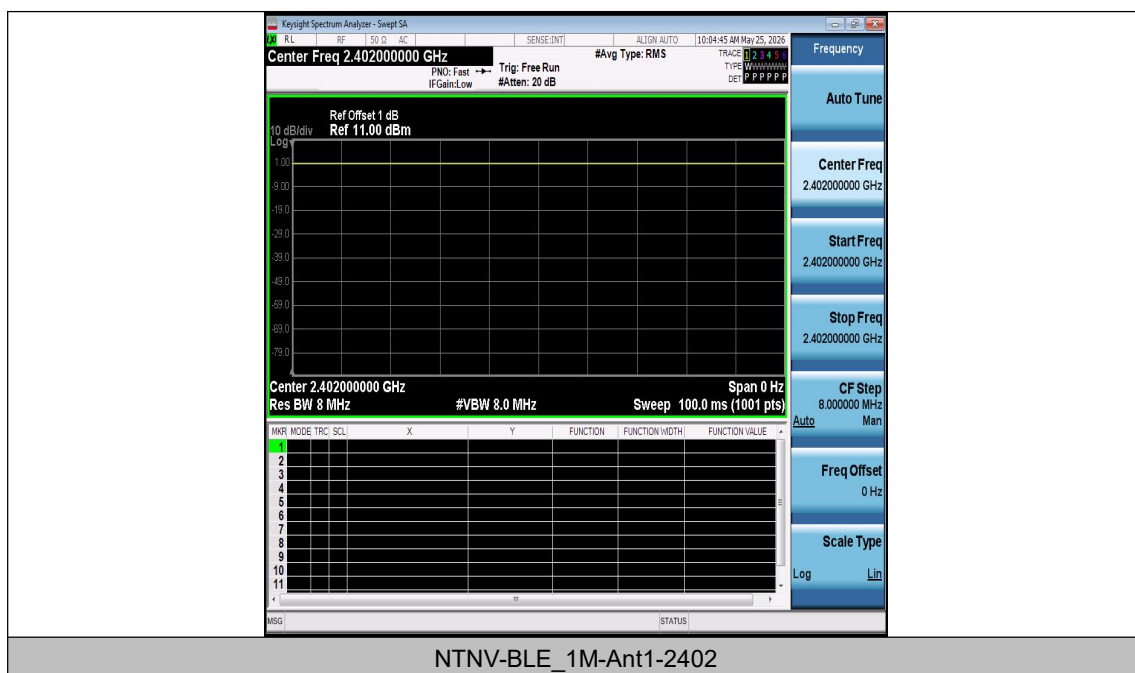
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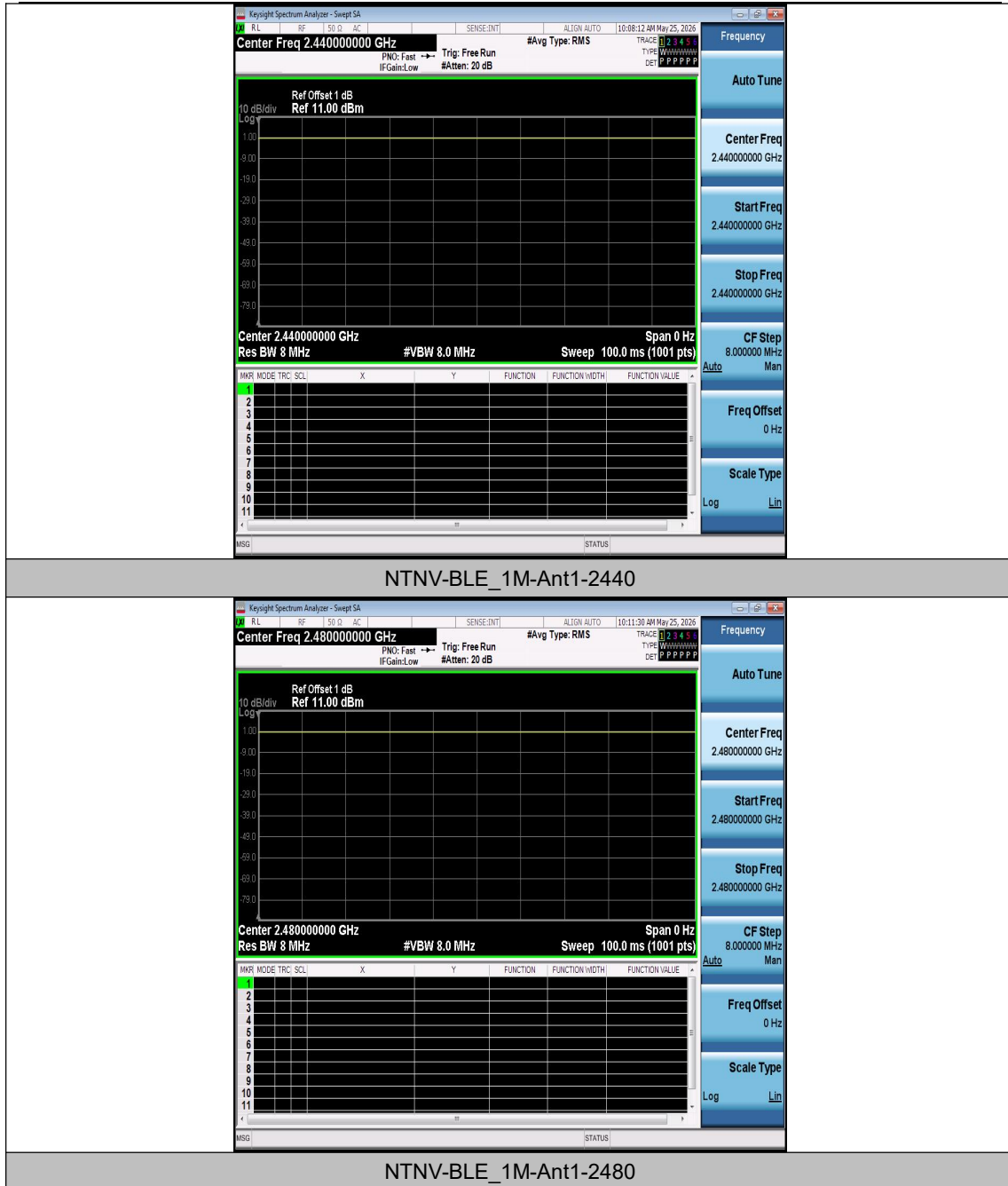
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100	100	100.00	0.00
BLE_1M	Ant1	2440	100	100	100.00	0.00
BLE_1M	Ant1	2480	100	100	100.00	0.00

Test Graphs





---End---