

Appendix Test Data

Report No.:	1812C60353612501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-30	Finish Test Date:	2026-7-13
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.5°C	Relative Humidity:	67%
Pressure:	99.8kPa		



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	0.812	2401.680	2402.492	0.5	PASS
BLE_1M	Ant1	2440	0.856	2439.672	2440.528	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.672	2480.352	0.5	PASS

Test Graphs



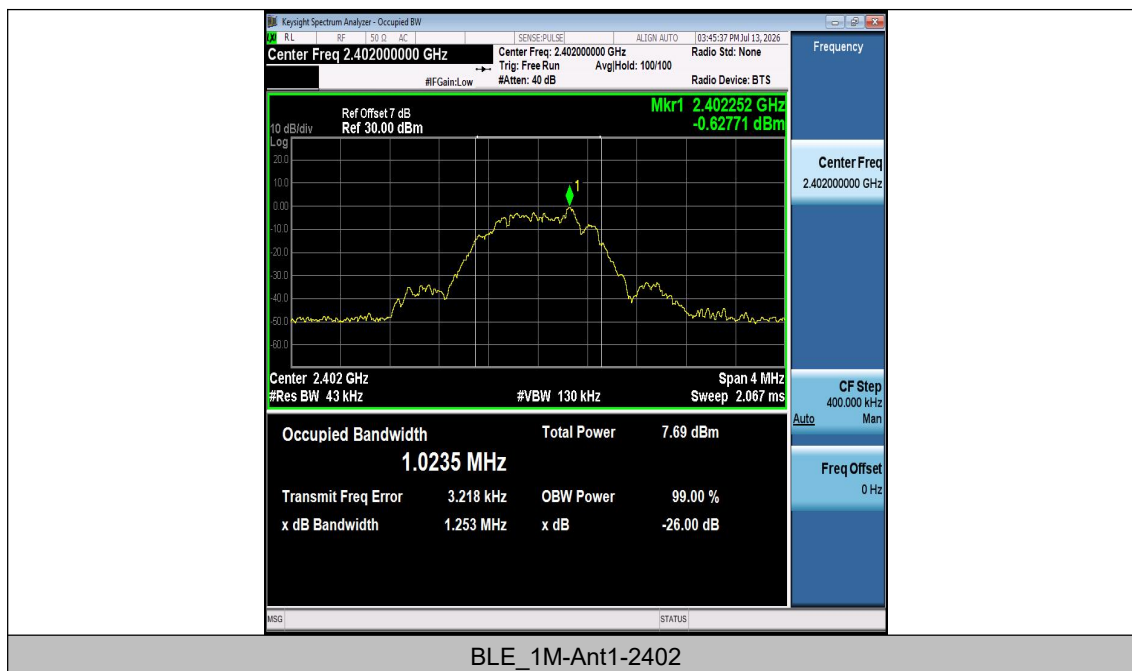


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0235	2401.4915	2402.5150	---	---
BLE_1M	Ant1	2440	1.1253	2439.4960	2440.6213	---	---
BLE_1M	Ant1	2480	1.1891	2479.4961	2480.6852	---	---

Test Graphs





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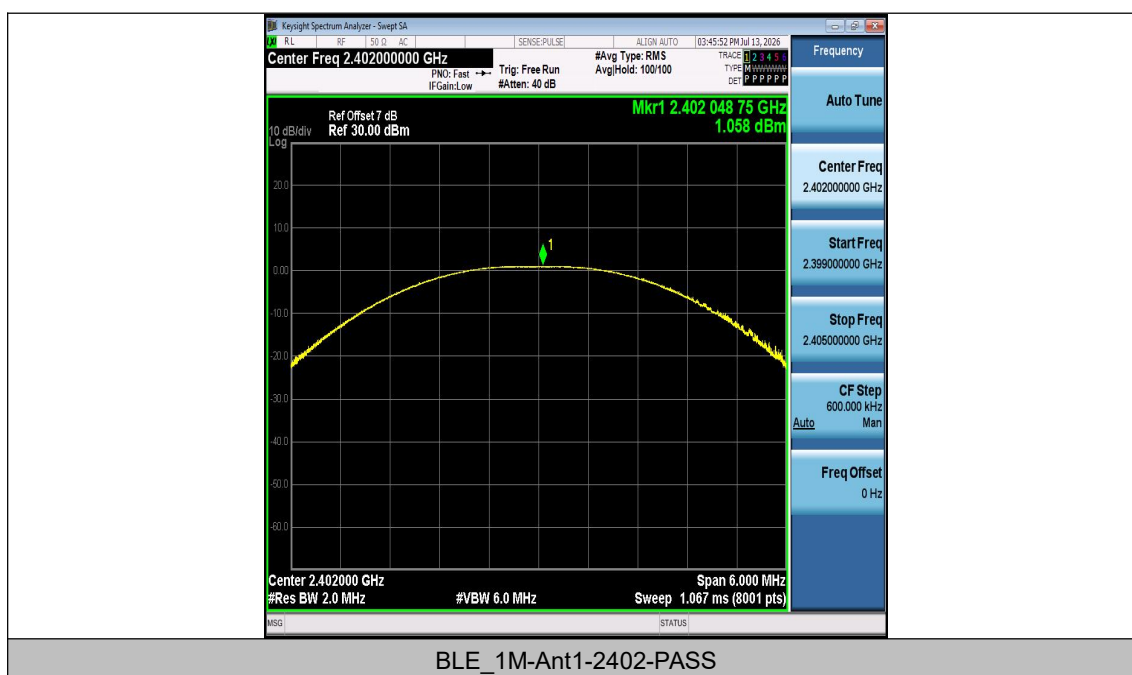
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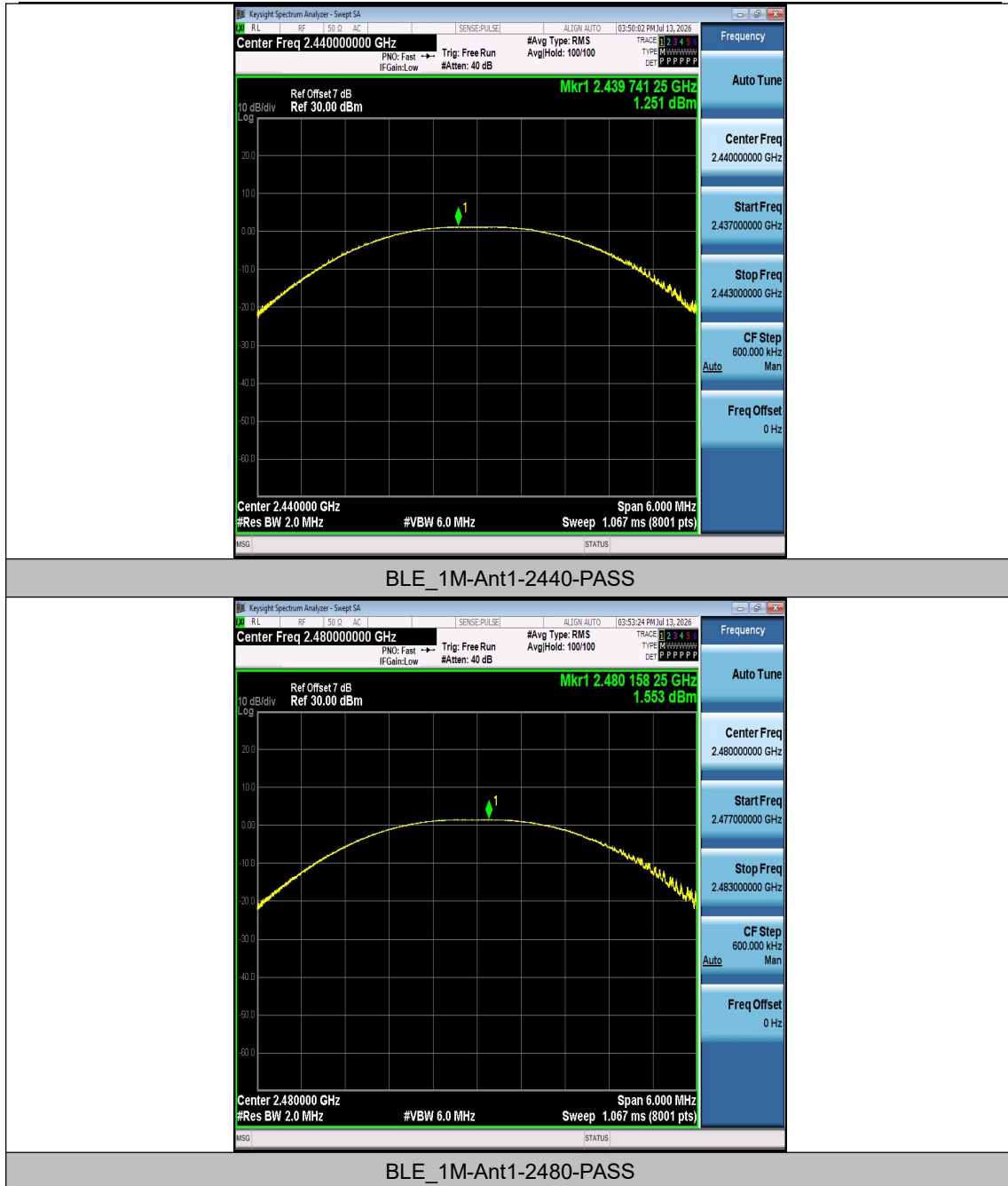
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.06	≤30	PASS
BLE_1M	Ant1	2440	1.25	≤30	PASS
BLE_1M	Ant1	2480	1.55	≤30	PASS

Test Graphs Peak





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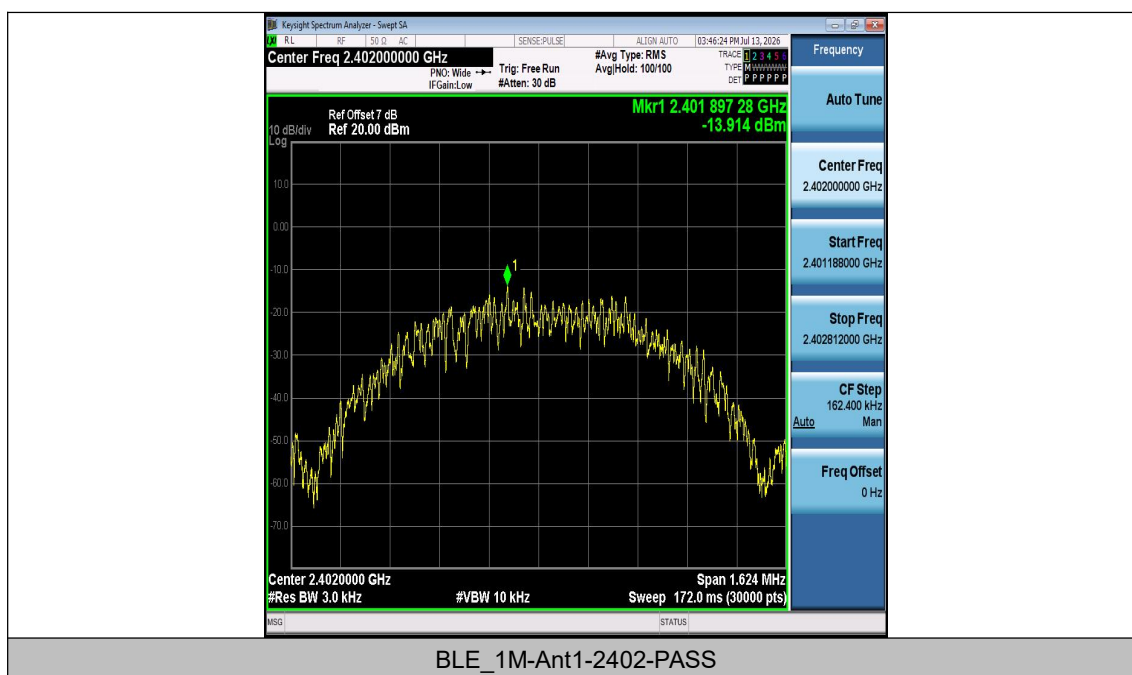
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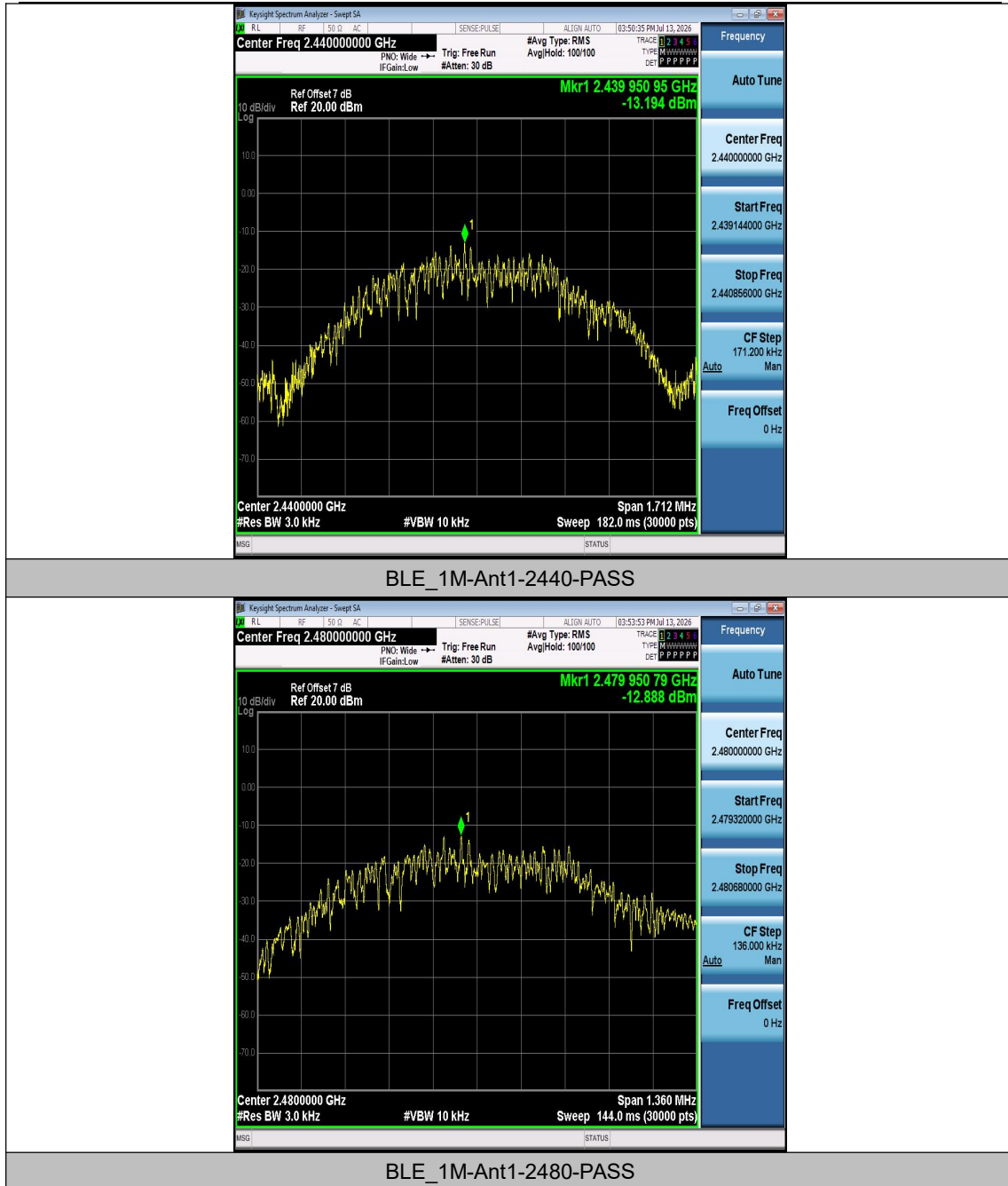
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.91	≤8.00	PASS
BLE_1M	Ant1	2440	-13.19	≤8.00	PASS
BLE_1M	Ant1	2480	-12.89	≤8.00	PASS

Test Graphs





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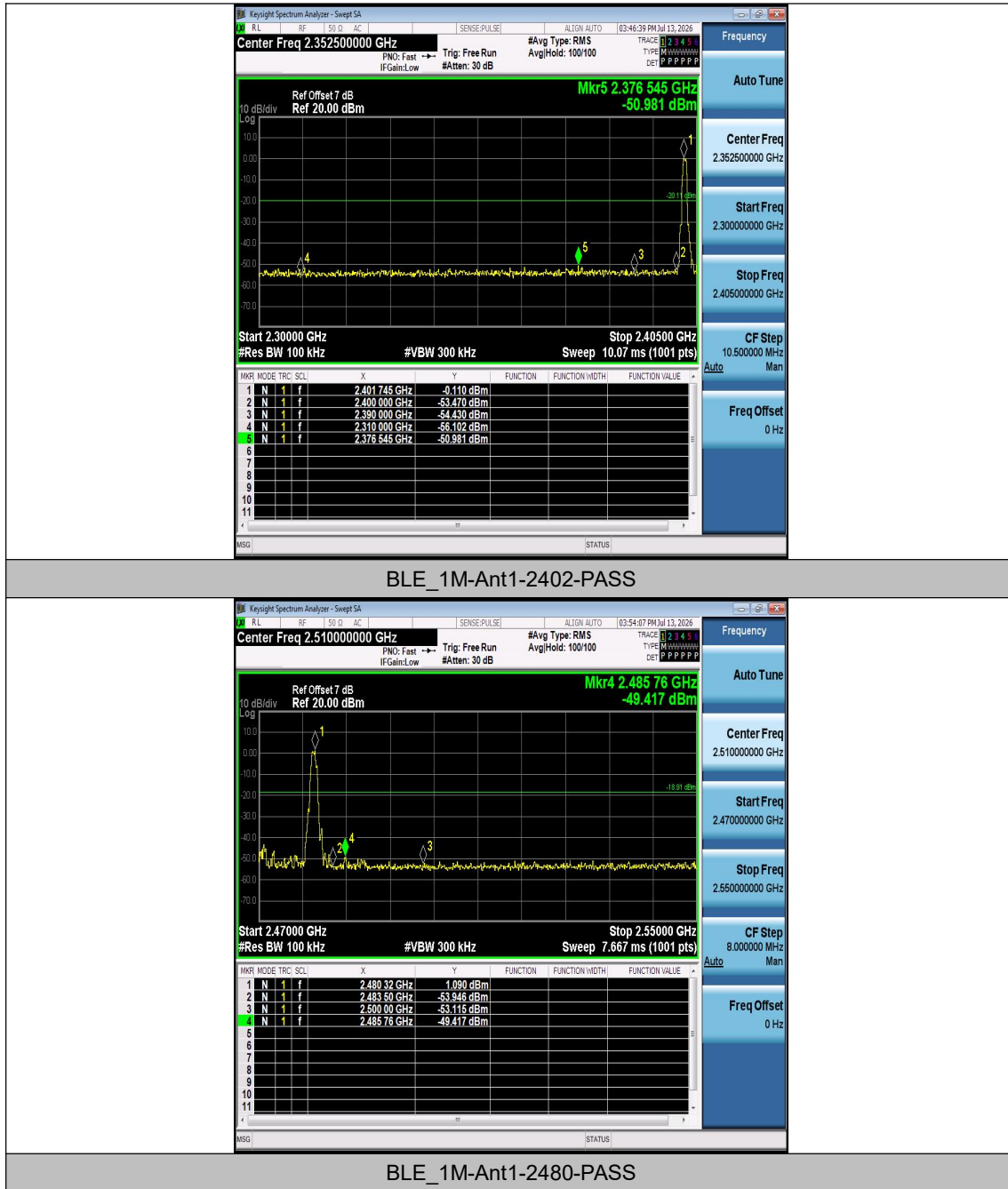
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.11	-50.98	≤-20.11	PASS
BLE_1M	Ant1	High	2480	1.09	-49.42	≤-18.91	PASS

Test Graphs



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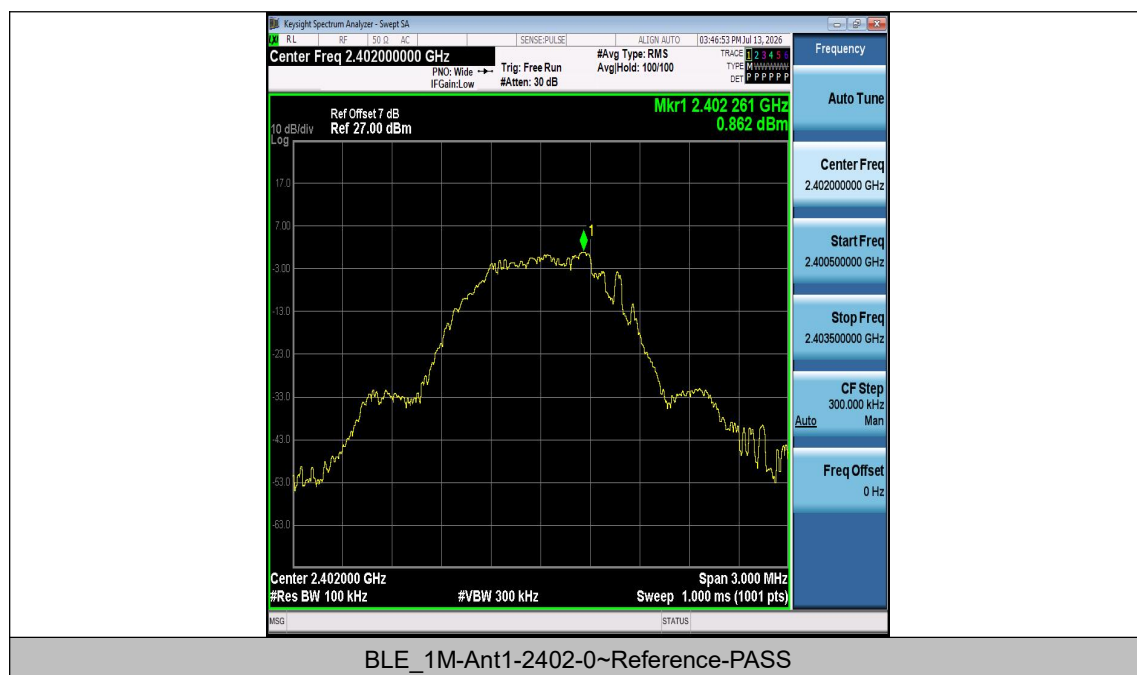
Appendix F: Conducted Spurious Emission

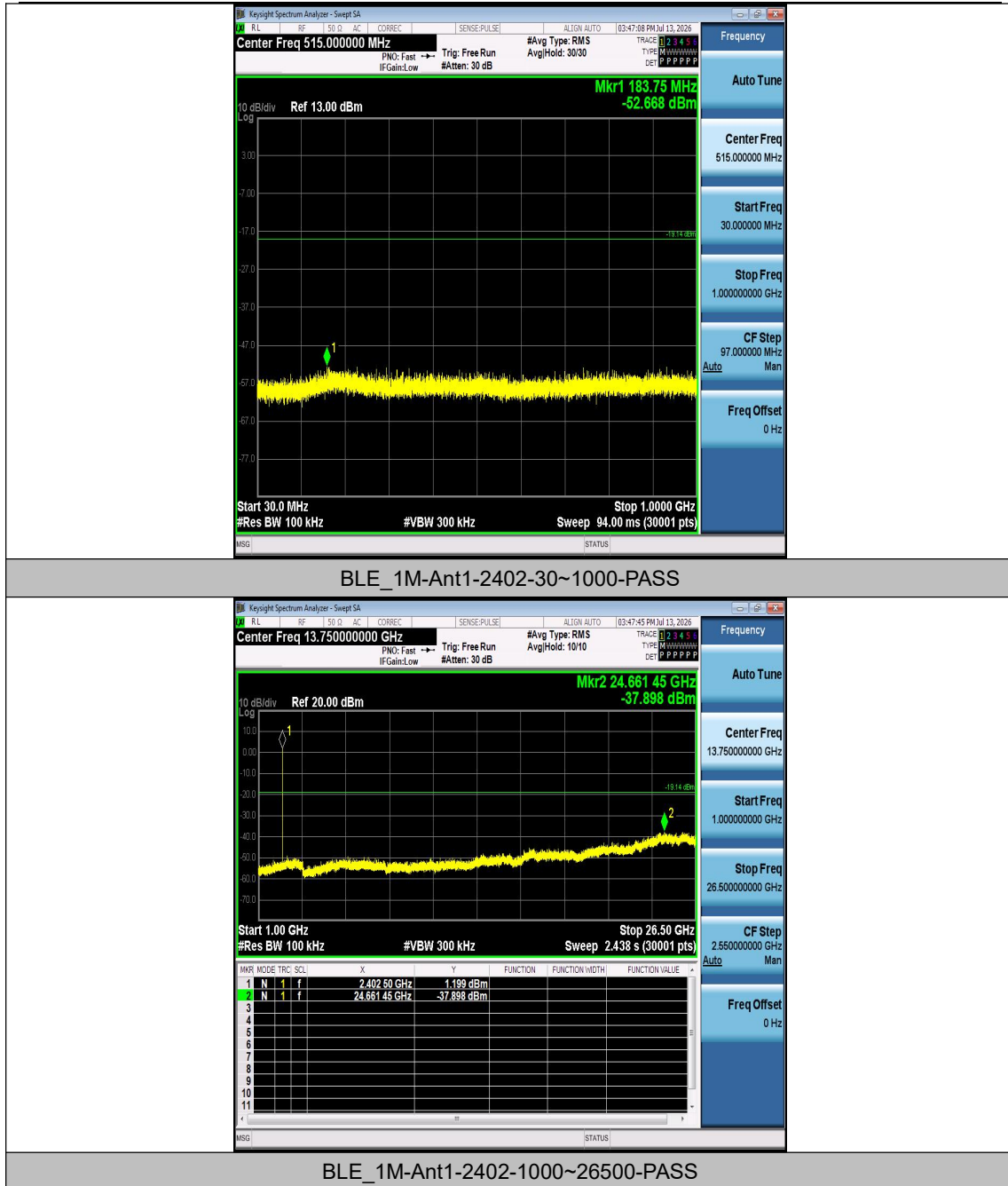
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.86	0.86	---	PASS
BLE_1M	Ant1	2402	30~1000	0.86	-52.67	≤-19.14	PASS
BLE_1M	Ant1	2402	1000~26500	0.86	-37.9	≤-19.14	PASS
BLE_1M	Ant1	2440	0~Reference	1.03	1.03	---	PASS
BLE_1M	Ant1	2440	30~1000	1.03	-52.34	≤-18.97	PASS
BLE_1M	Ant1	2440	1000~26500	1.03	-37.35	≤-18.97	PASS
BLE_1M	Ant1	2480	0~Reference	1.07	1.07	---	PASS
BLE_1M	Ant1	2480	30~1000	1.07	-51.23	≤-18.93	PASS
BLE_1M	Ant1	2480	1000~26500	1.07	-37.65	≤-18.93	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

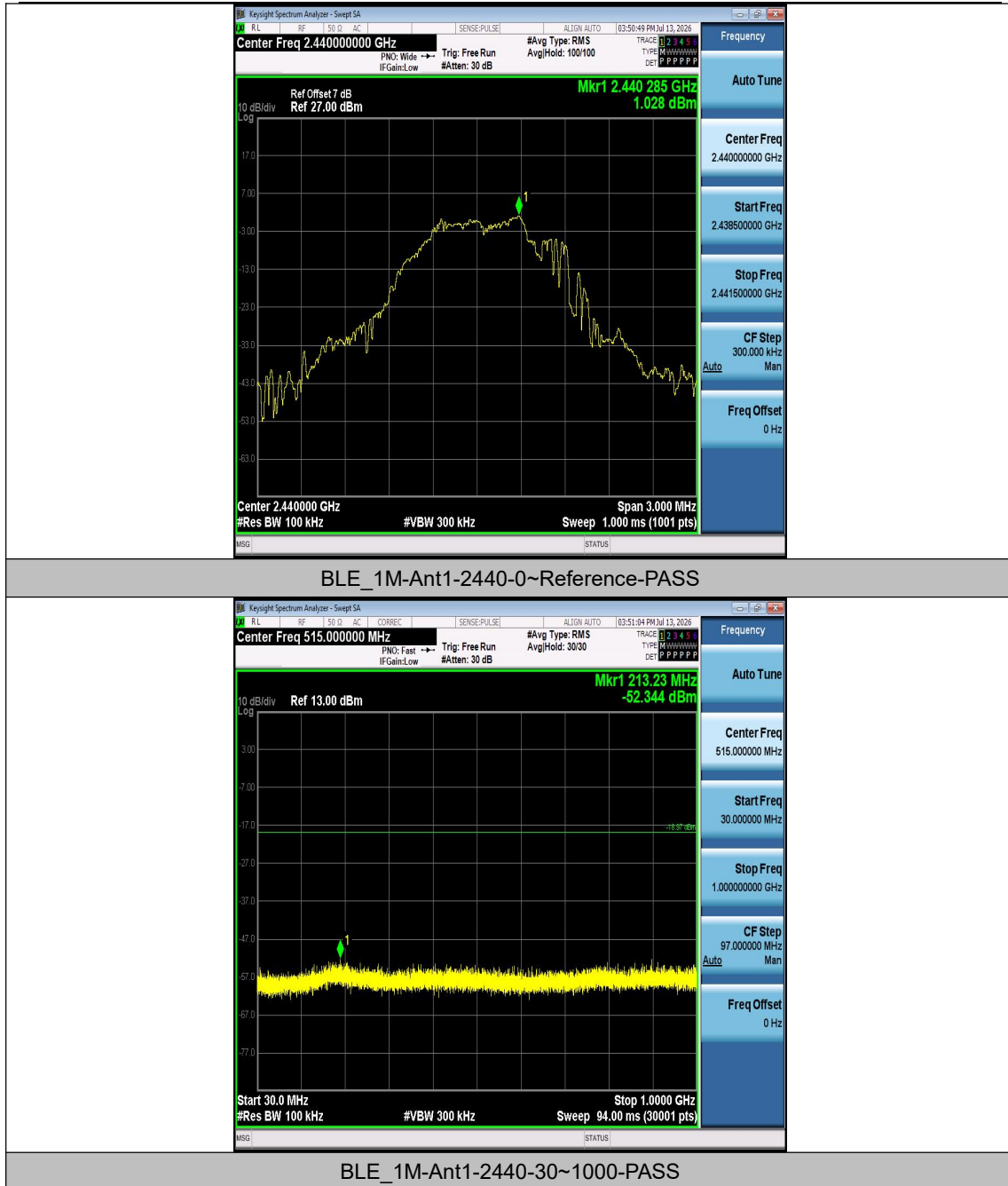




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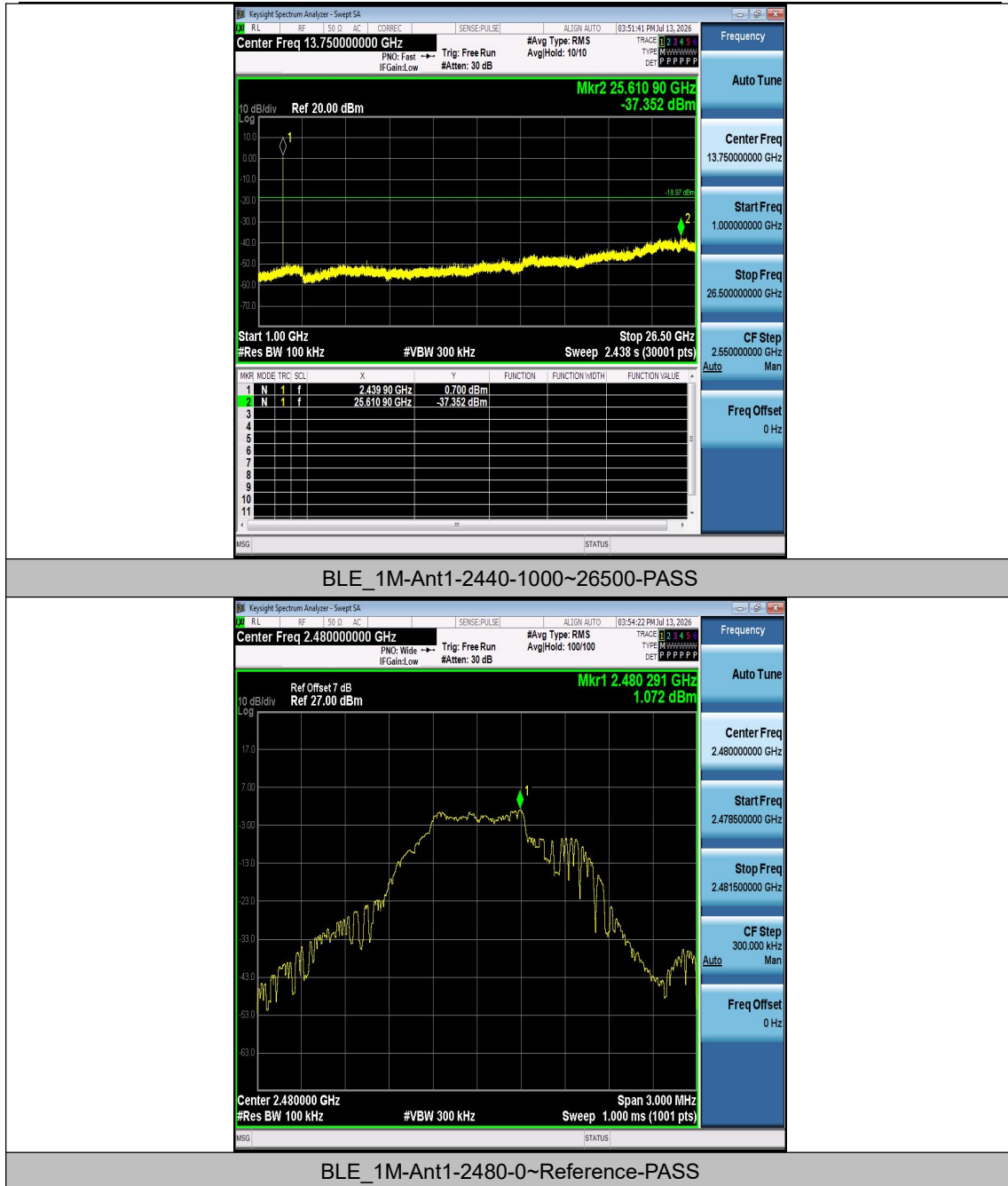
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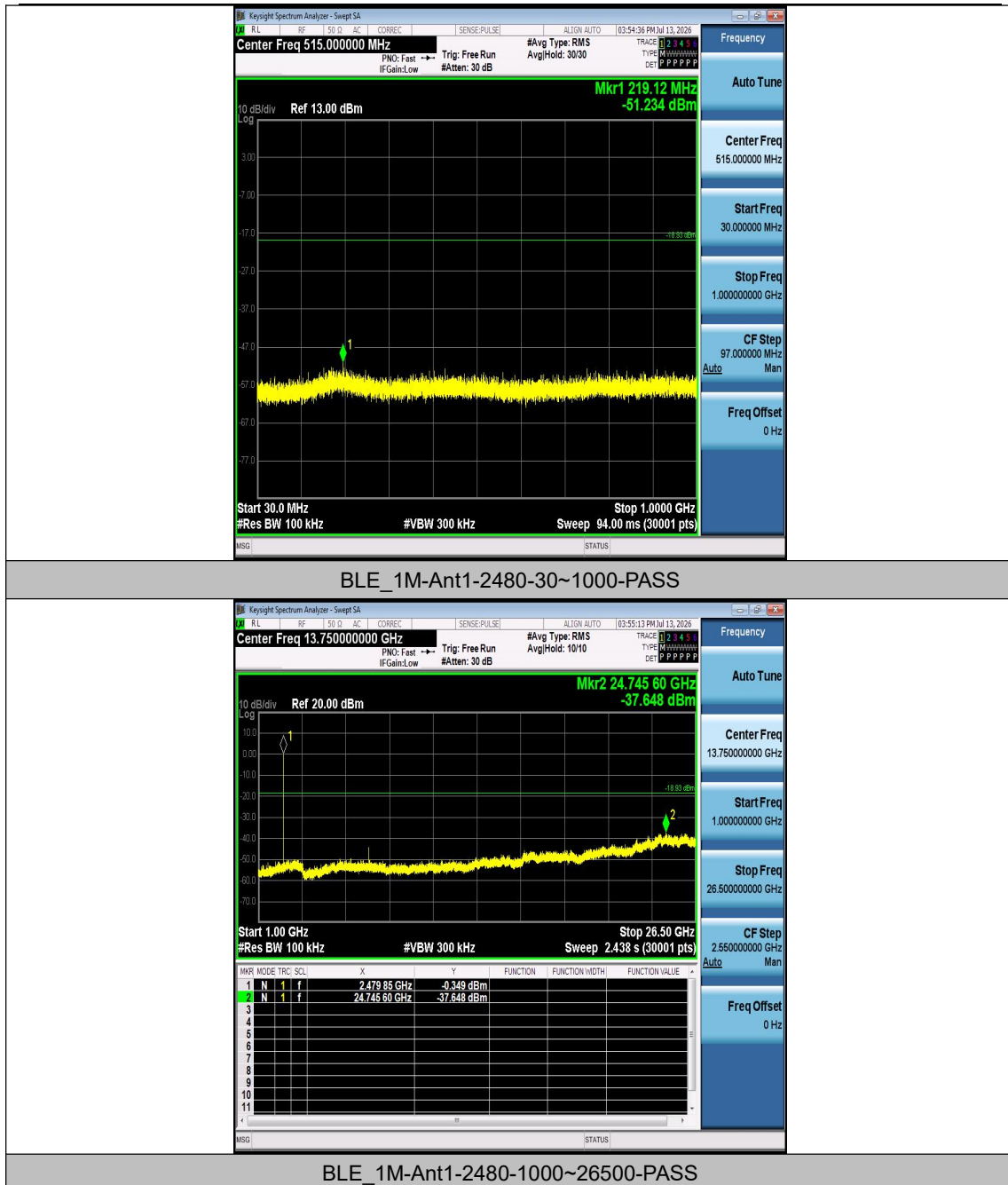
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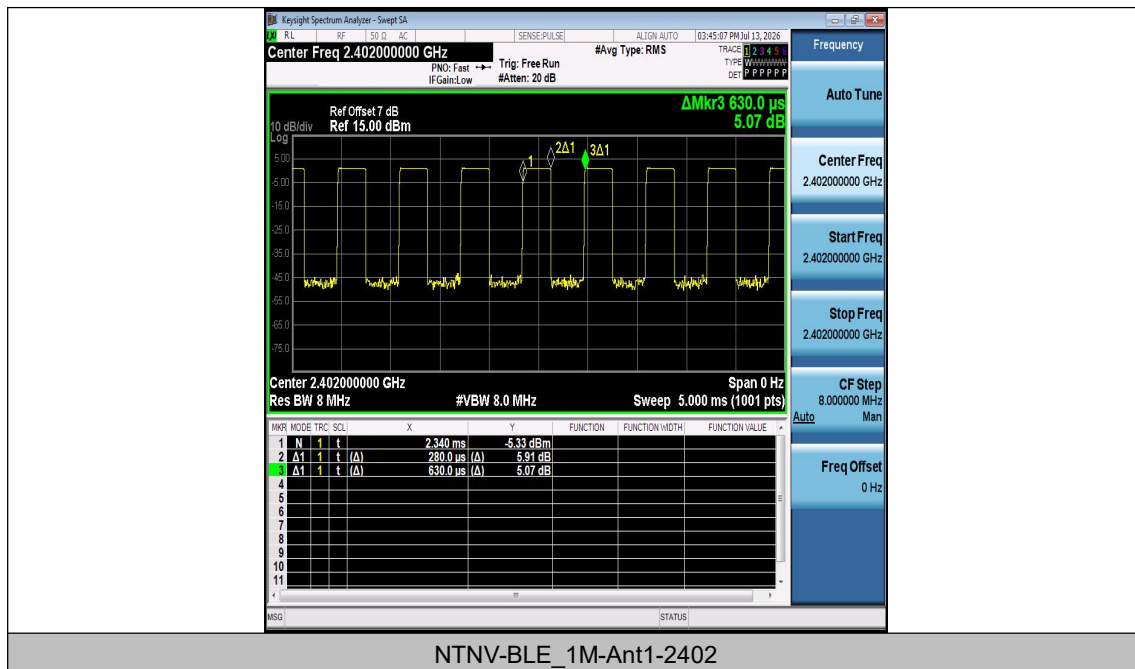
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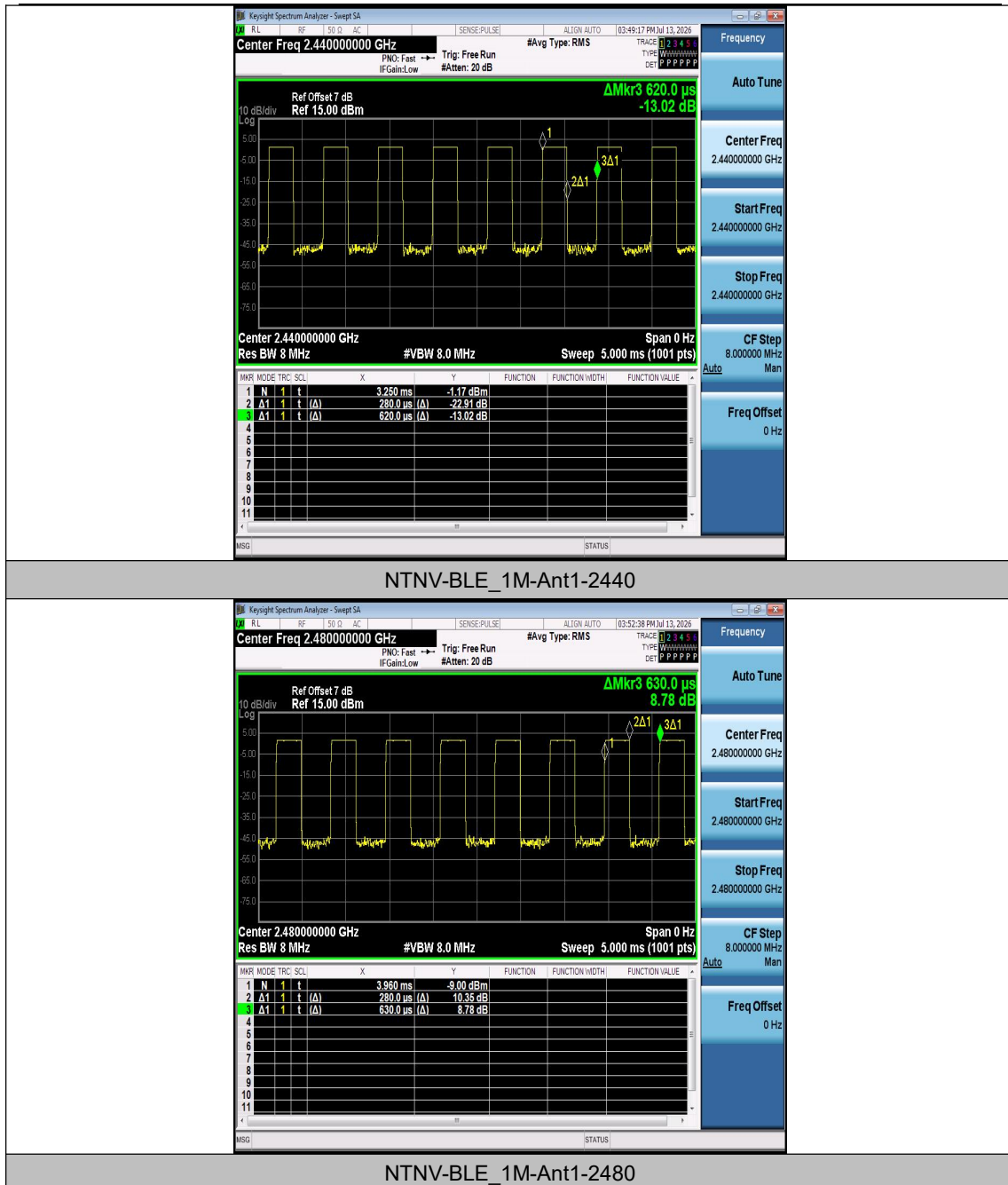
Appendix G: Duty Cycle

Test Result

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

Test Graphs





---End---