

Appendix Test Data

Report No.:	1814C60275712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-12	Finish Test Date:	2026-8-13
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.1℃	Relative Humidity:	51%
Pressure:	101kPa		

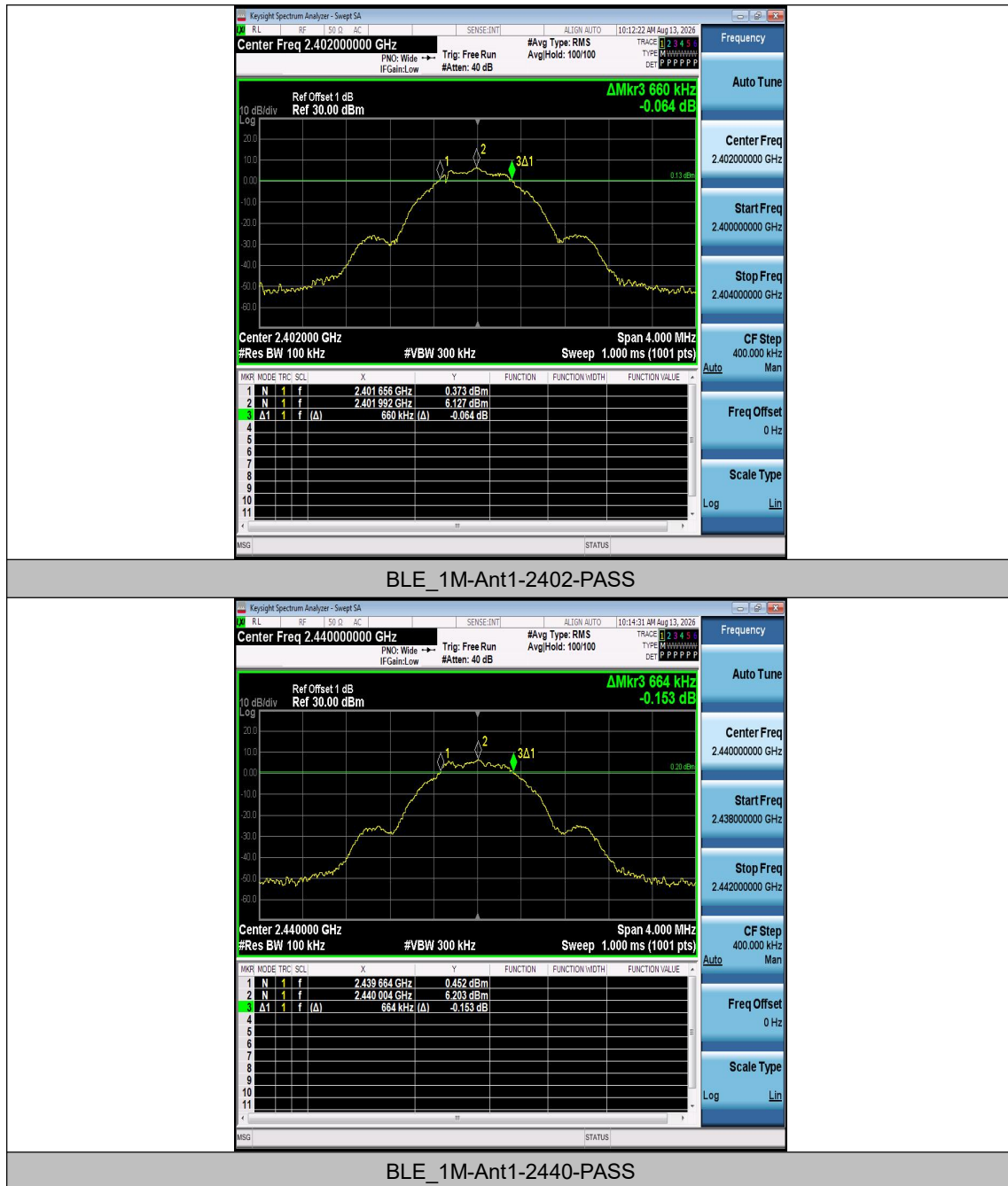


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.660	2401.656	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.664	2439.664	2440.328	0.5	PASS
BLE_1M	Ant1	2480	0.640	2479.656	2480.296	0.5	PASS

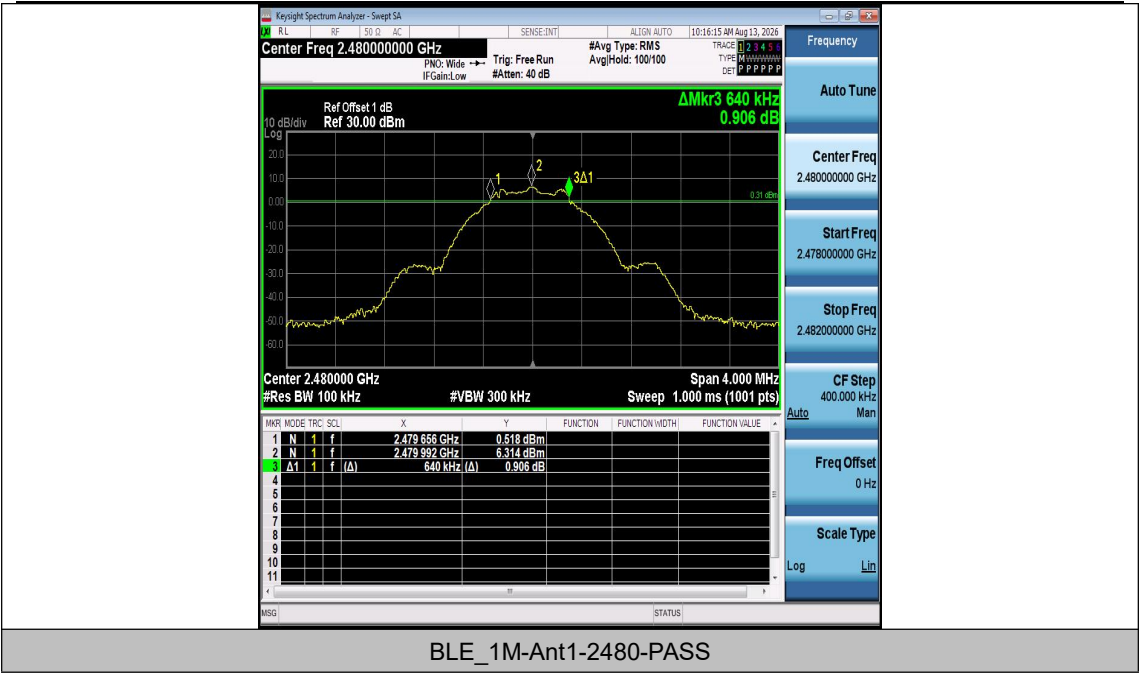
Test Graphs



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BLE_1M-Ant1-2480-PASS

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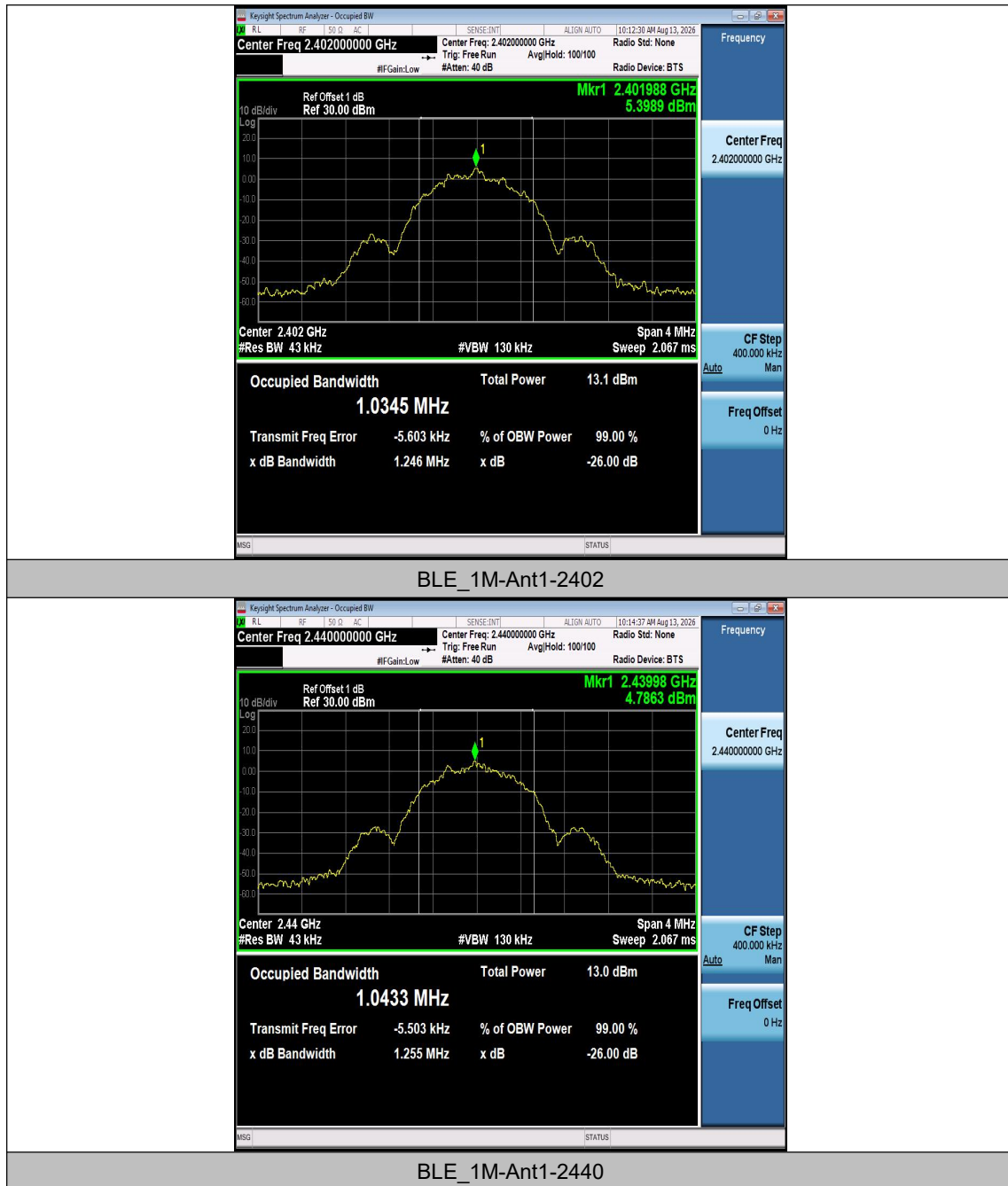
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0345	2401.4772	2402.5117	---	---
BLE_1M	Ant1	2440	1.0433	2439.4729	2440.5162	---	---
BLE_1M	Ant1	2480	1.0322	2479.4821	2480.5143	---	---

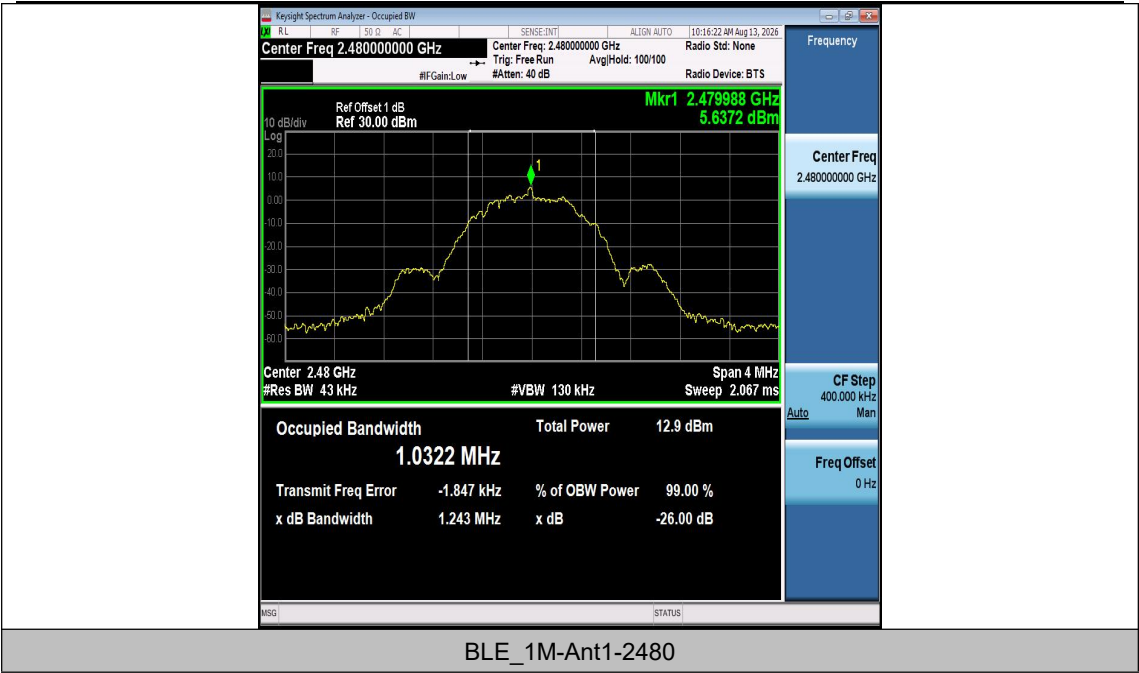
Test Graphs



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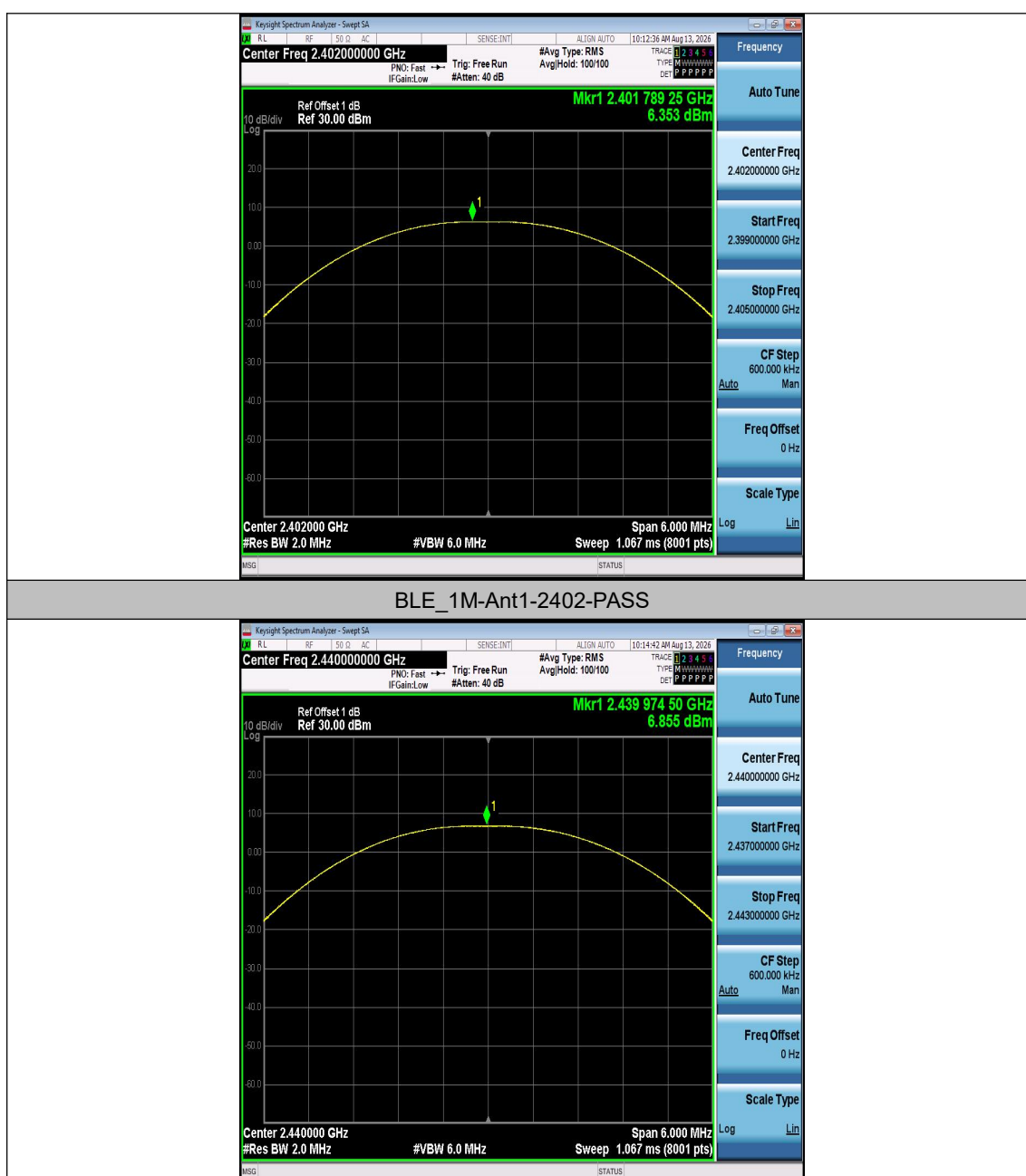
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	6.35	≤30	PASS
BLE_1M	Ant1	2440	6.86	≤30	PASS
BLE_1M	Ant1	2480	6.52	≤30	PASS

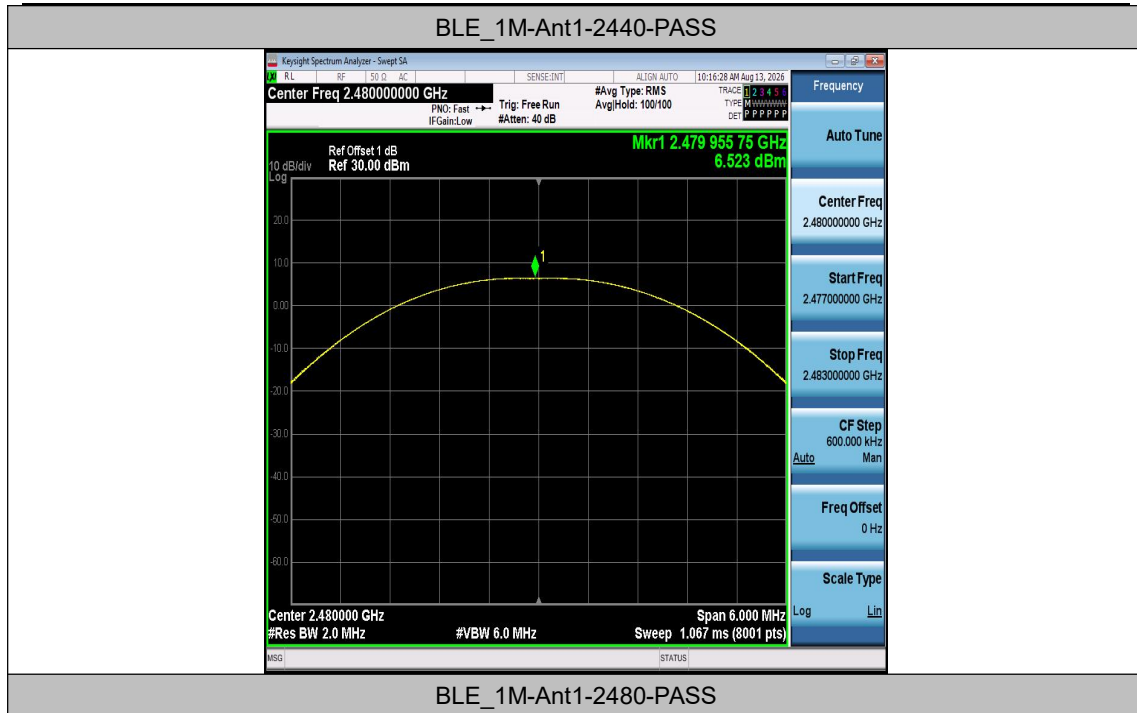
Test Graphs Peak



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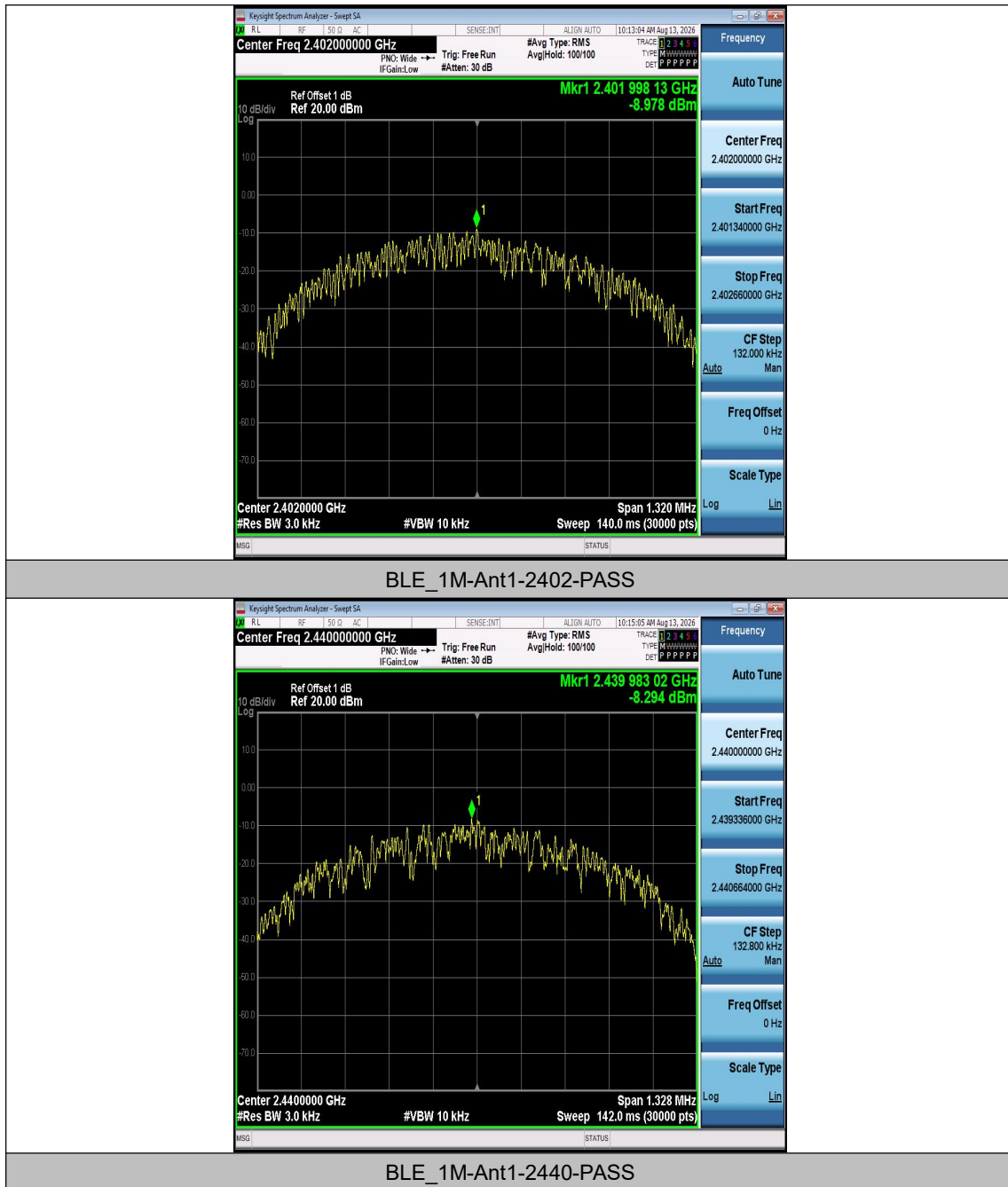
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.98	≤8.00	PASS
BLE_1M	Ant1	2440	-8.29	≤8.00	PASS
BLE_1M	Ant1	2480	-9.42	≤8.00	PASS

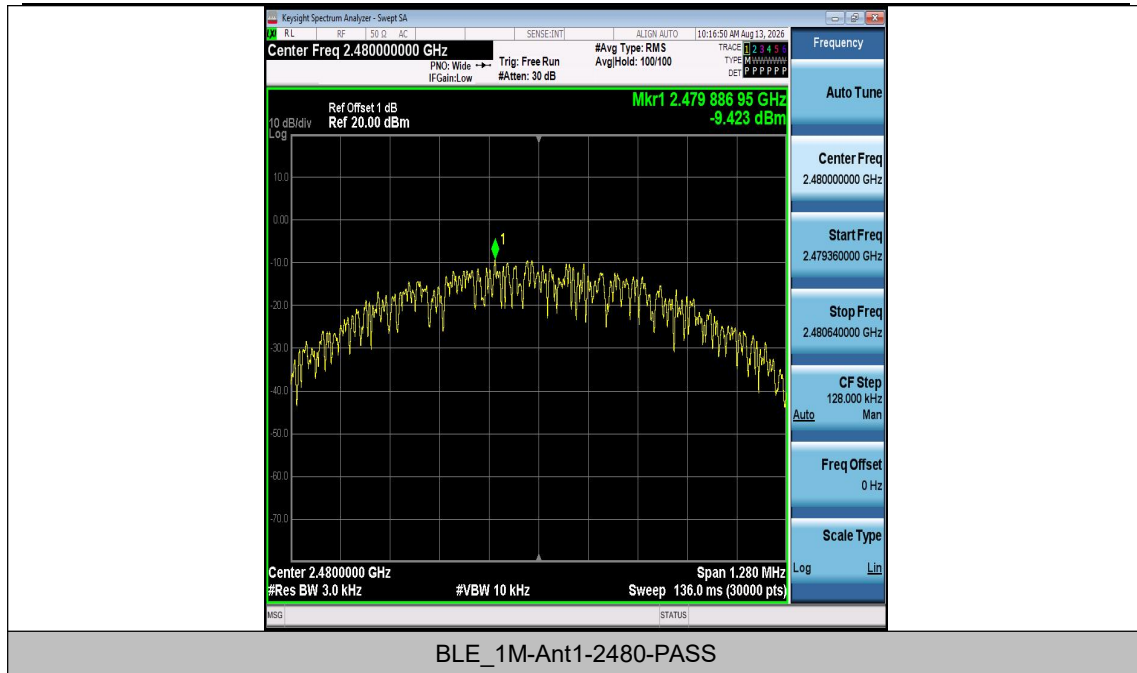
Test Graphs



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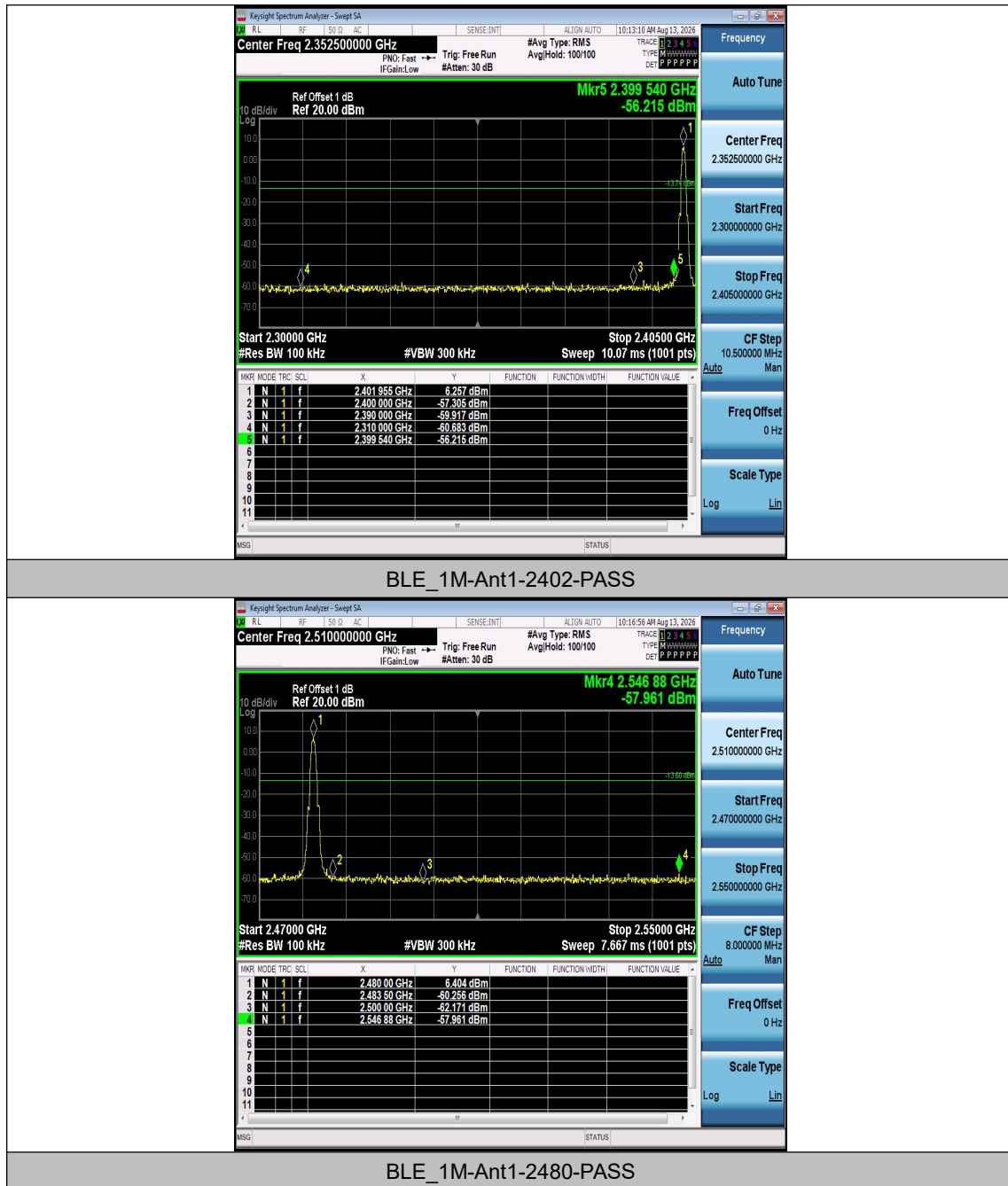
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	6.26	-56.22	≤-13.74	PASS
BLE_1M	Ant1	High	2480	6.40	-57.96	≤-13.6	PASS

Test Graphs



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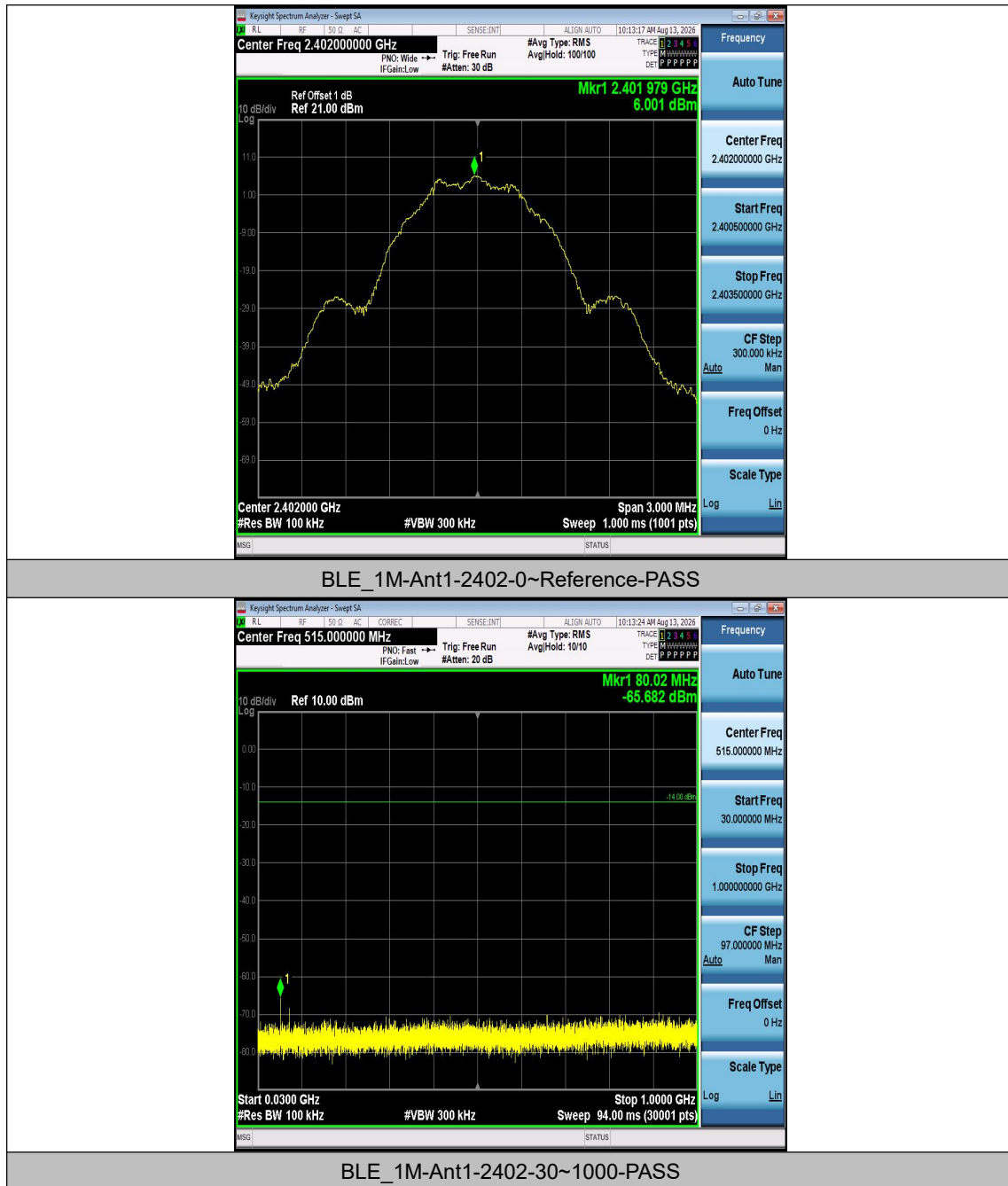
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	6.00	6.00	---	PASS
BLE_1M	Ant1	2402	30~1000	6.00	-65.68	≤-14	PASS
BLE_1M	Ant1	2402	1000~26500	6.00	-41.56	≤-14	PASS
BLE_1M	Ant1	2440	0~Reference	6.59	6.59	---	PASS
BLE_1M	Ant1	2440	30~1000	6.59	-66.06	≤-13.41	PASS
BLE_1M	Ant1	2440	1000~26500	6.59	-41.19	≤-13.41	PASS
BLE_1M	Ant1	2480	0~Reference	6.25	6.25	---	PASS
BLE_1M	Ant1	2480	30~1000	6.25	-64.72	≤-13.75	PASS
BLE_1M	Ant1	2480	1000~26500	6.25	-41.35	≤-13.75	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.

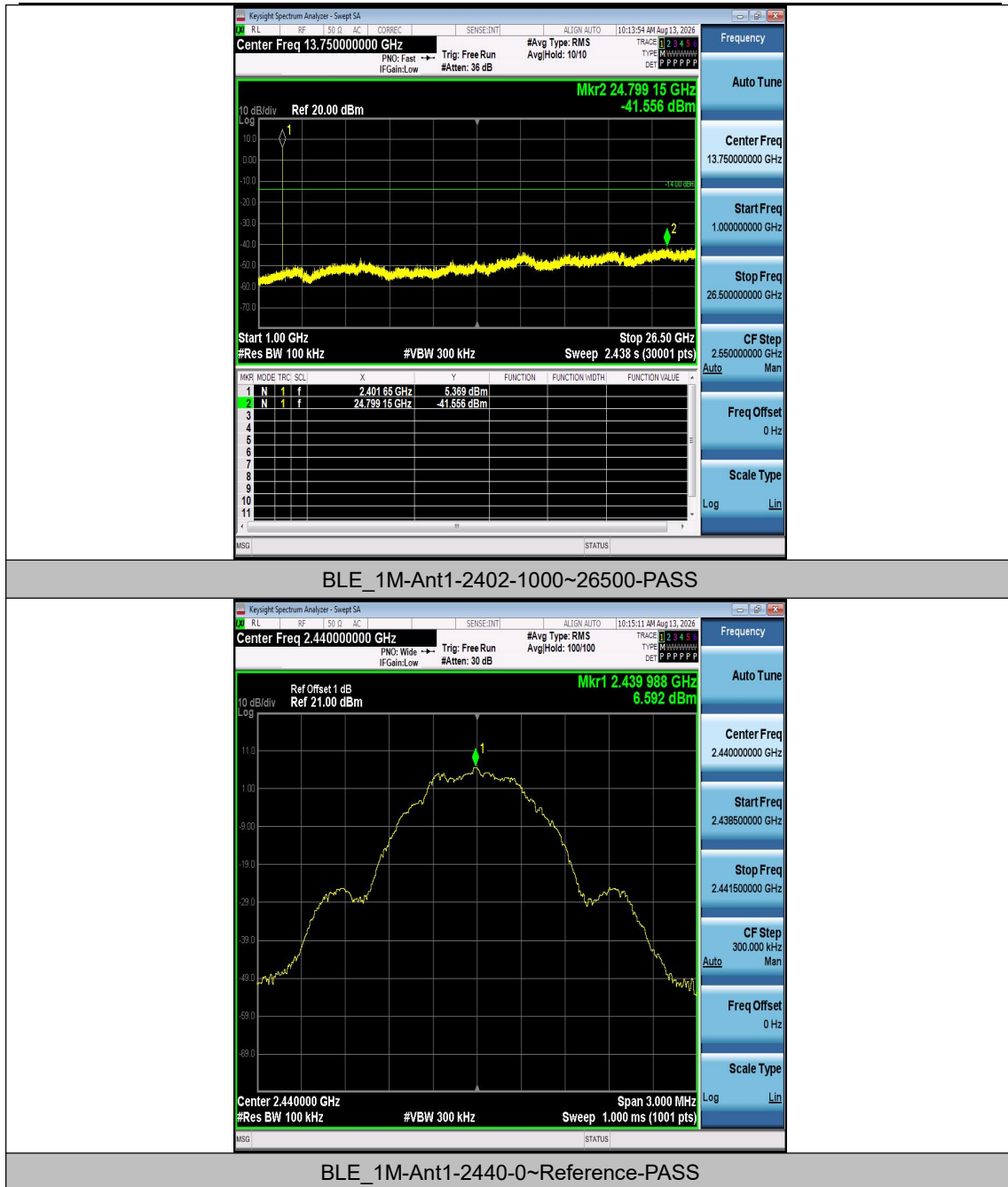
Test Graphs



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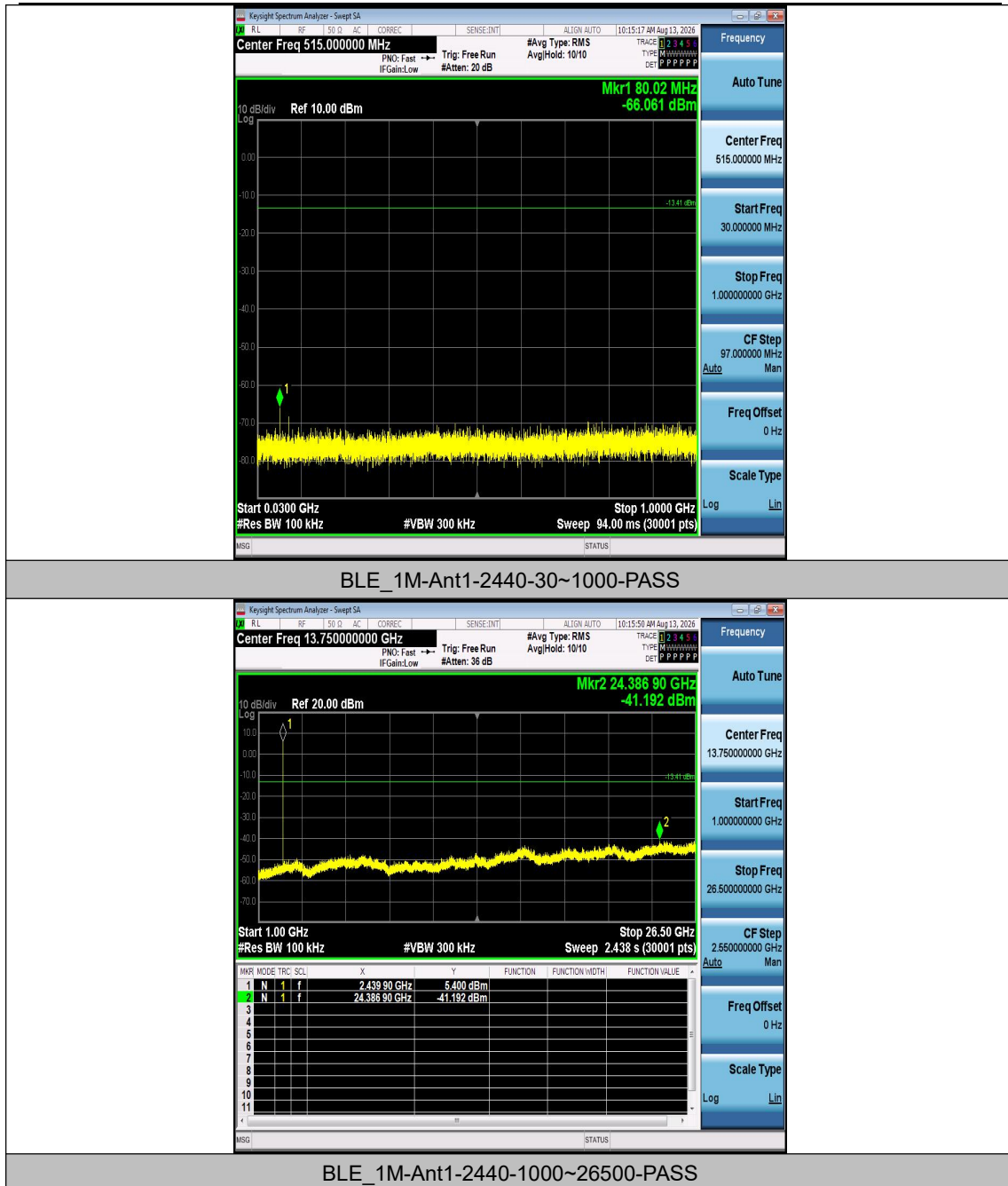
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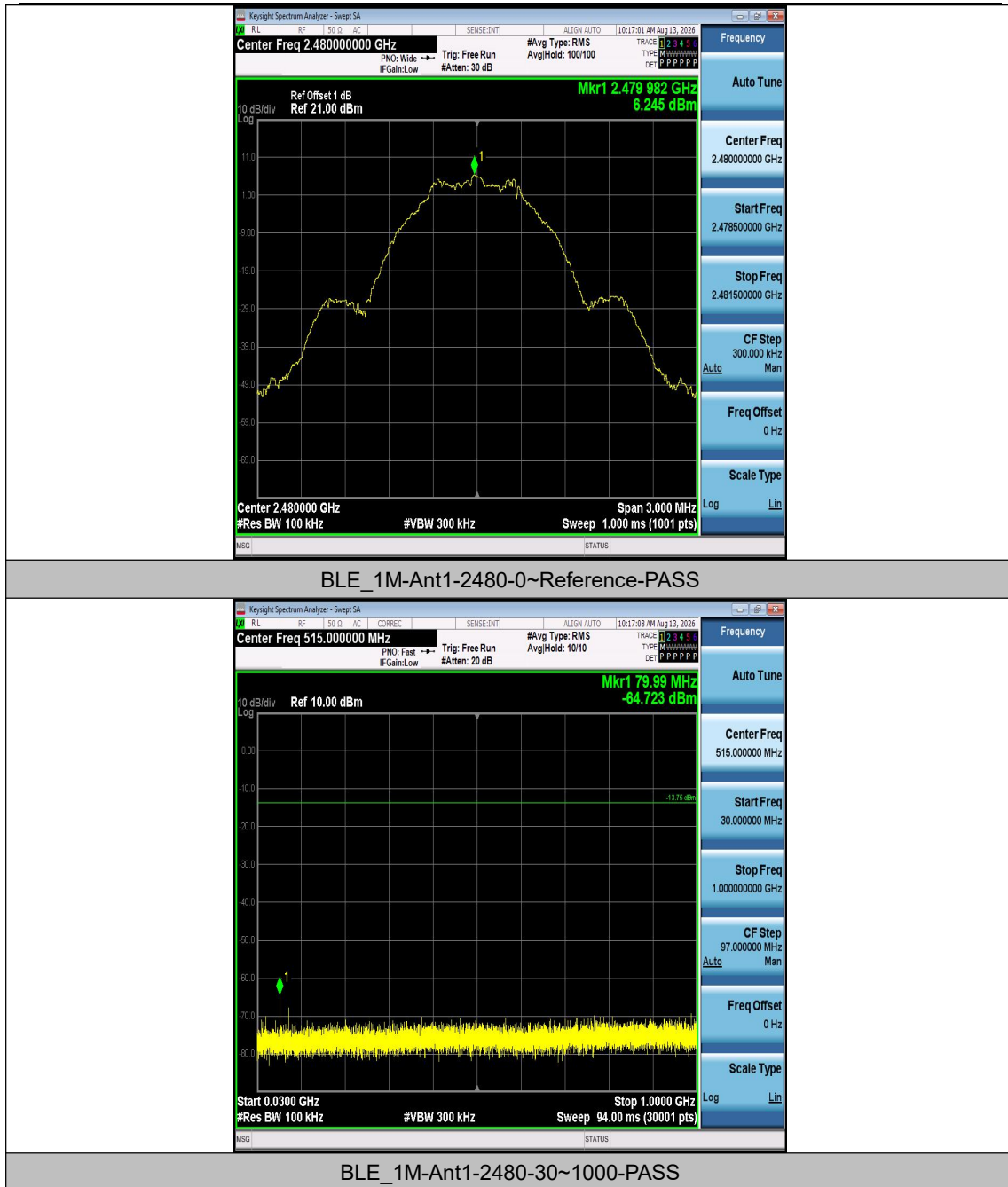
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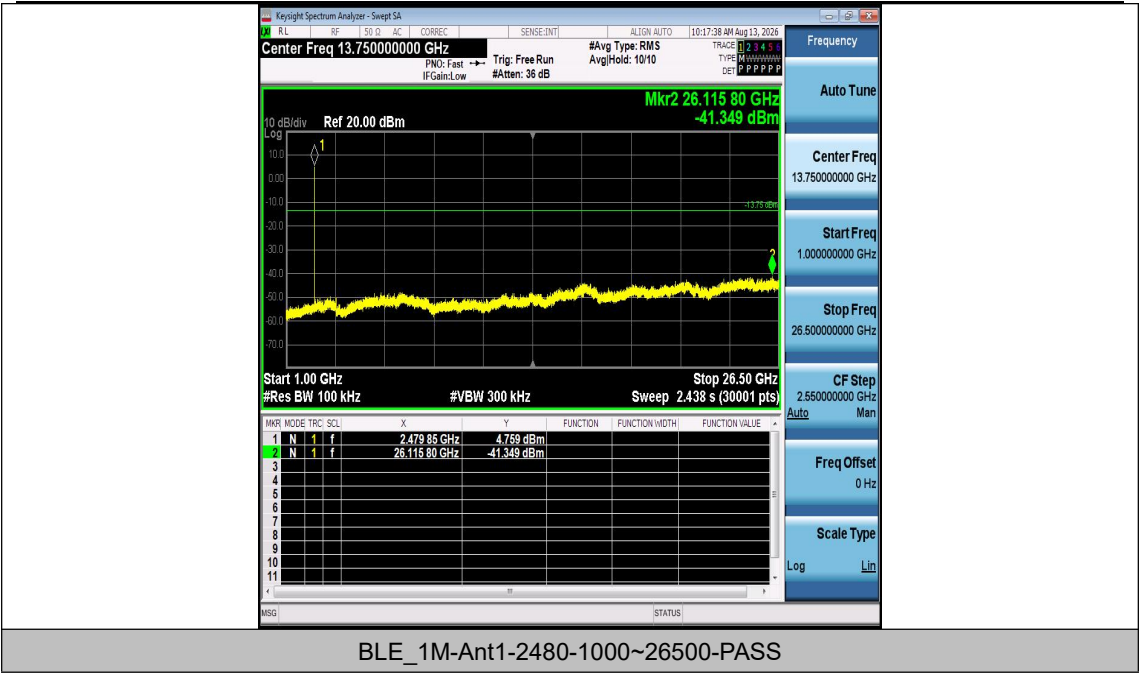
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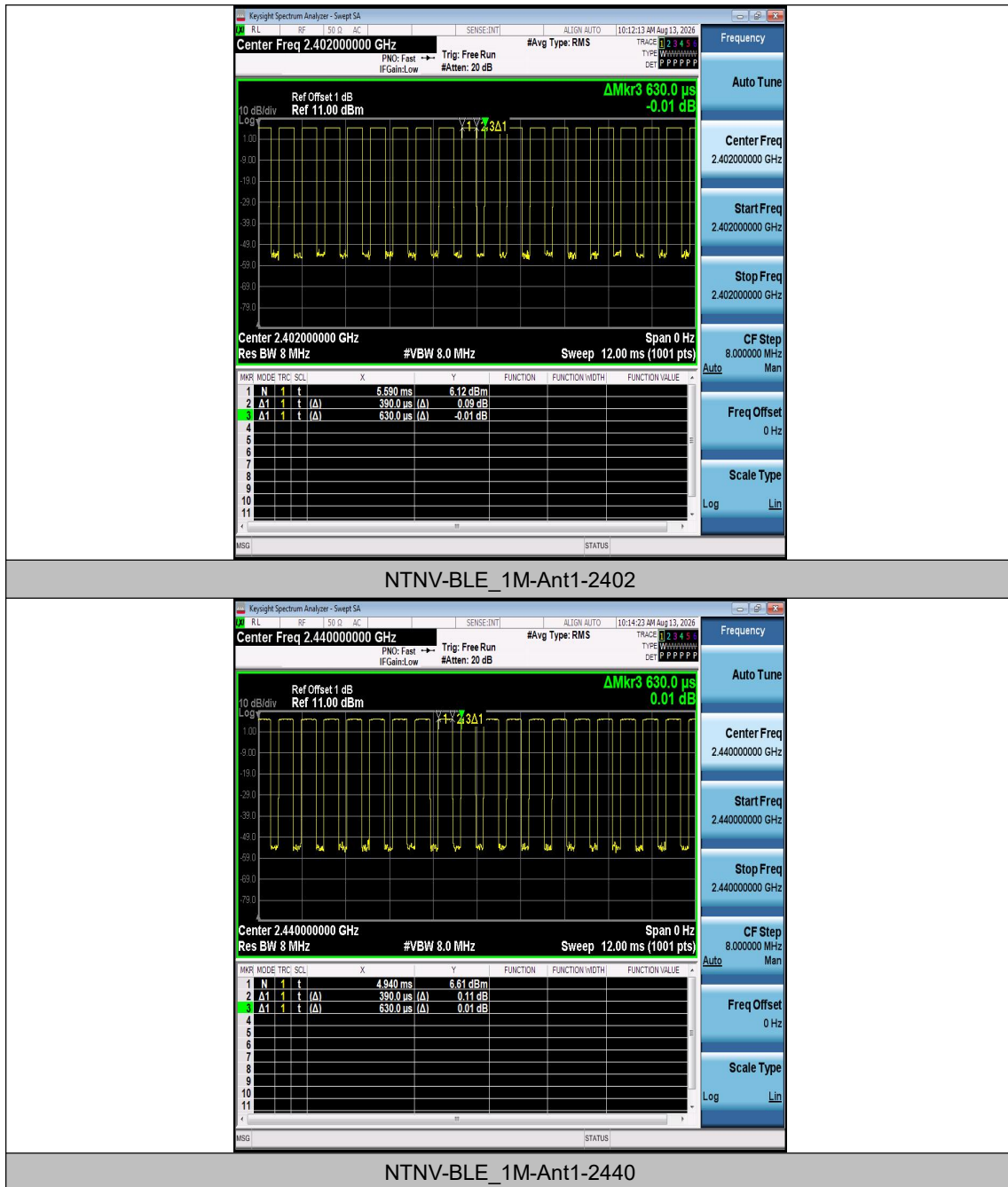
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08

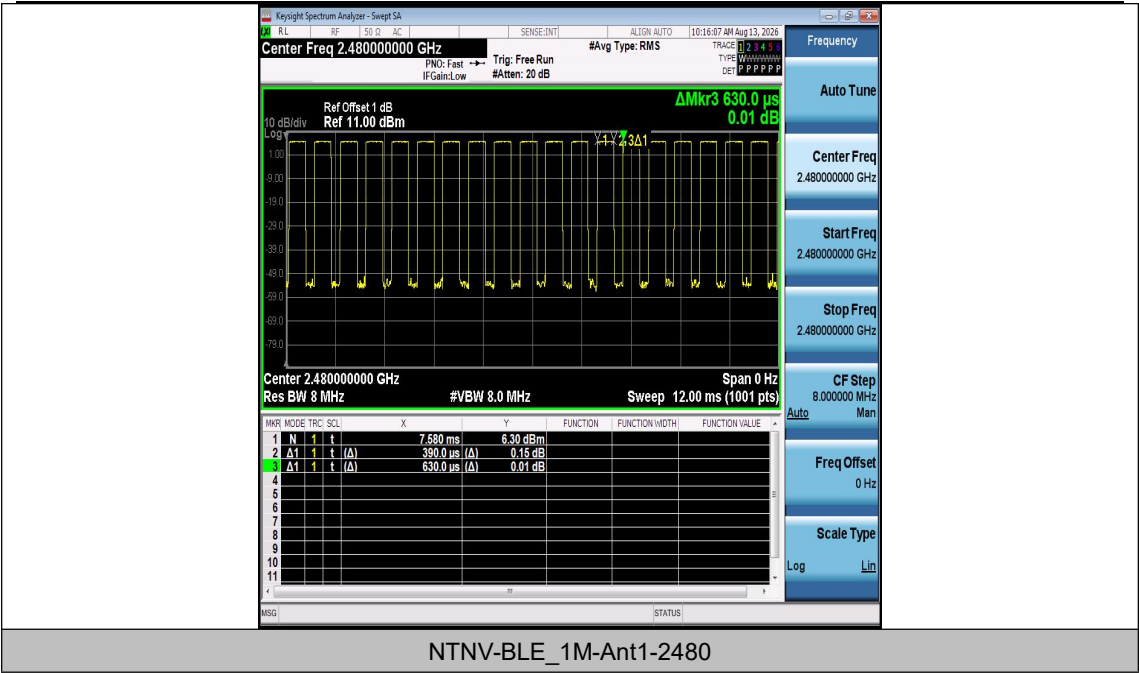
Test Graphs



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