

Appendix Test Data

Report No.:	1812C60316712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-24	Finish Test Date:	2026-7-1
Test Engineer:	Huysen Guan	Auditor:	Justin Feng
Temperature:	27.7°C	Relative Humidity:	44%
Pressure:	101kPa		

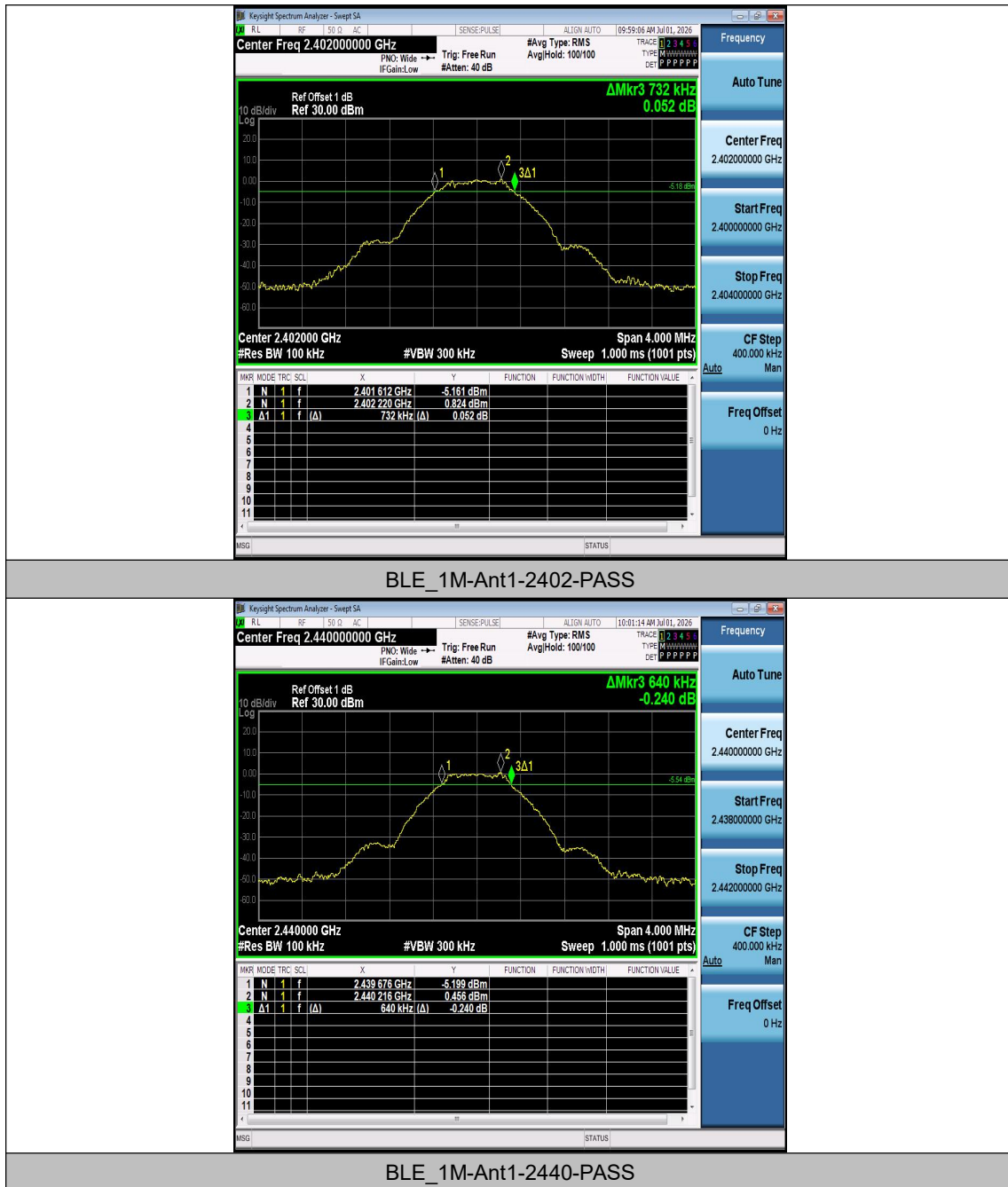


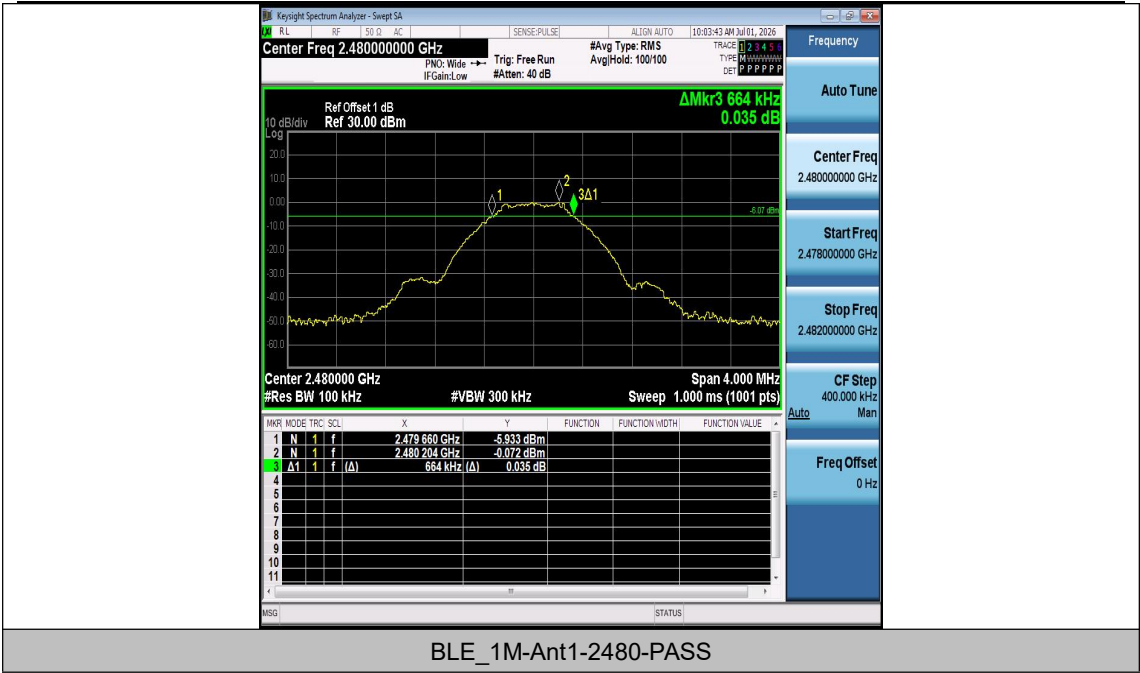
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.732	2401.612	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.640	2439.676	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.660	2480.324	0.5	PASS

Test Graphs





BLE_1M-Ant1-2480-PASS

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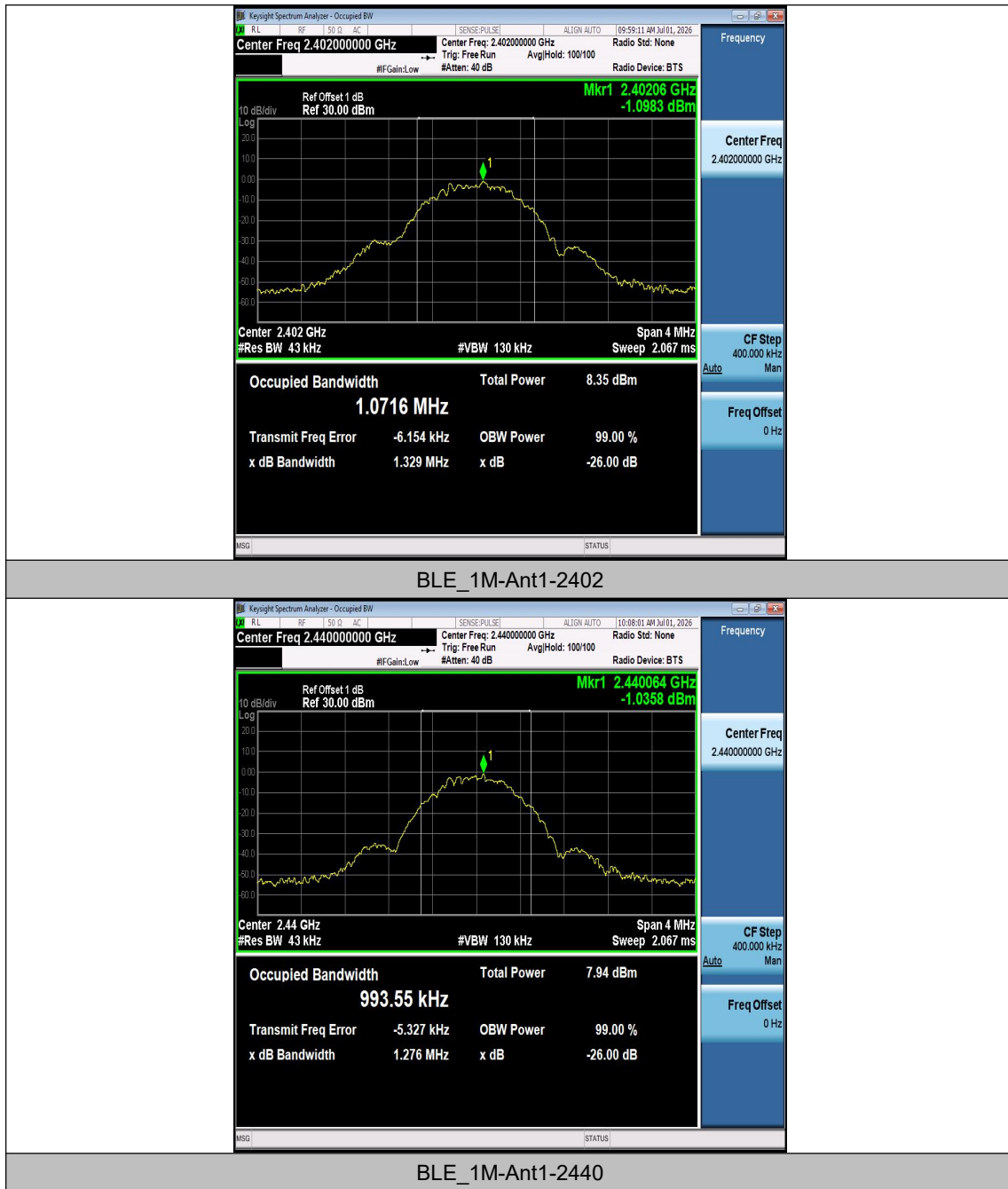
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0716	2401.4581	2402.5297	---	---
BLE_1M	Ant1	2440	0.99355	2439.4979	2440.4914	---	---
BLE_1M	Ant1	2480	1.0102	2479.4901	2480.5003	---	---

Test Graphs



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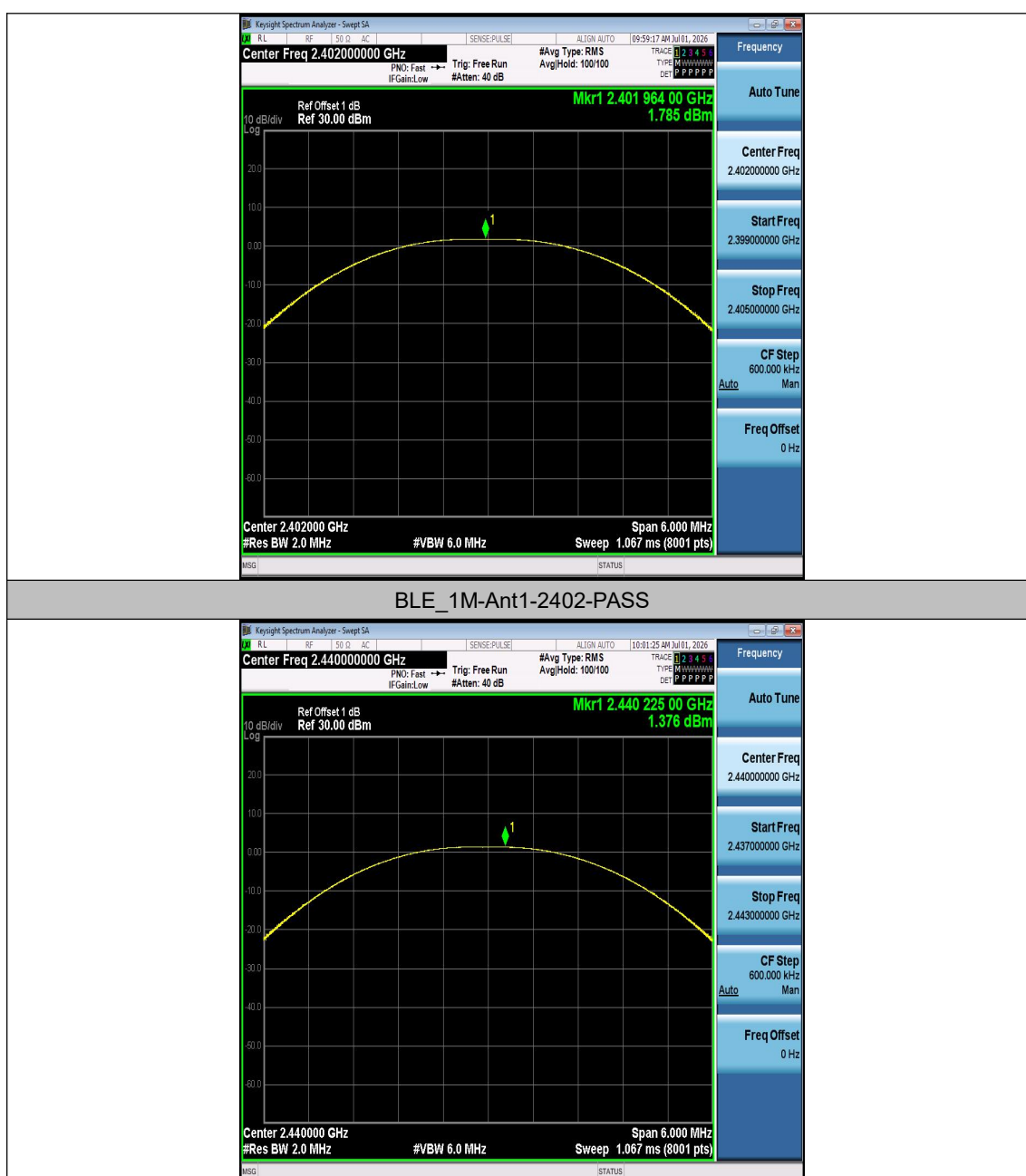
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Appendix C: Maximum conducted output power

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	1.38	≤30	PASS
BLE_1M	Ant1	2480	0.96	≤30	PASS

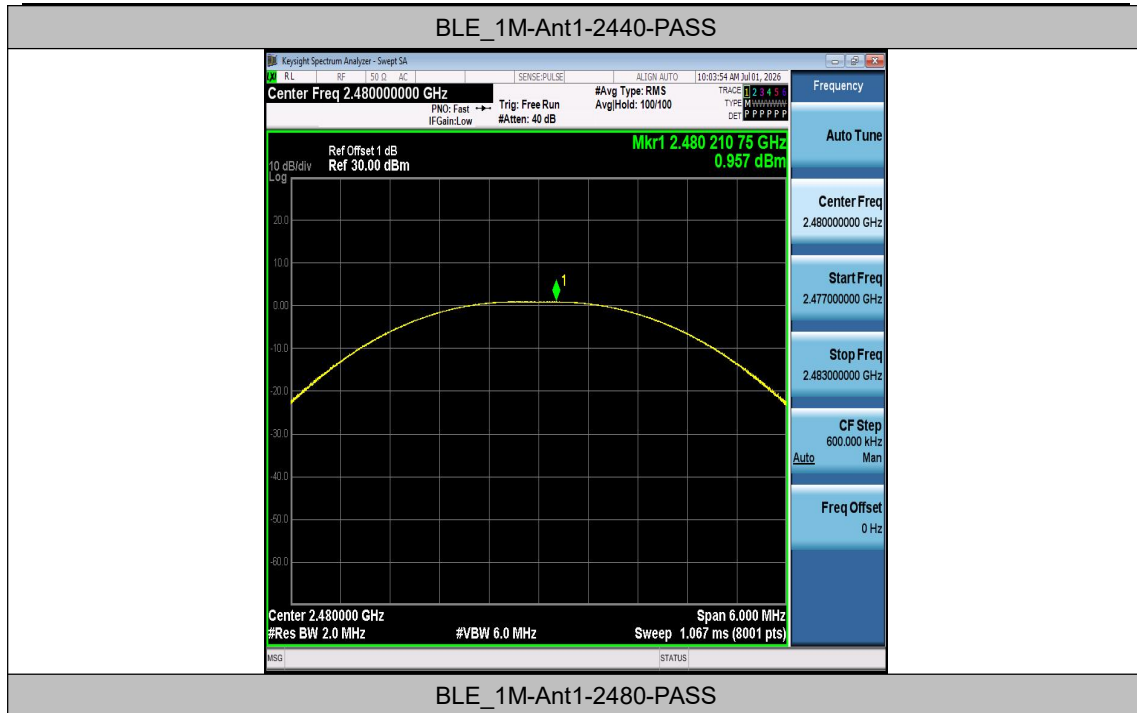
Test Graphs Peak



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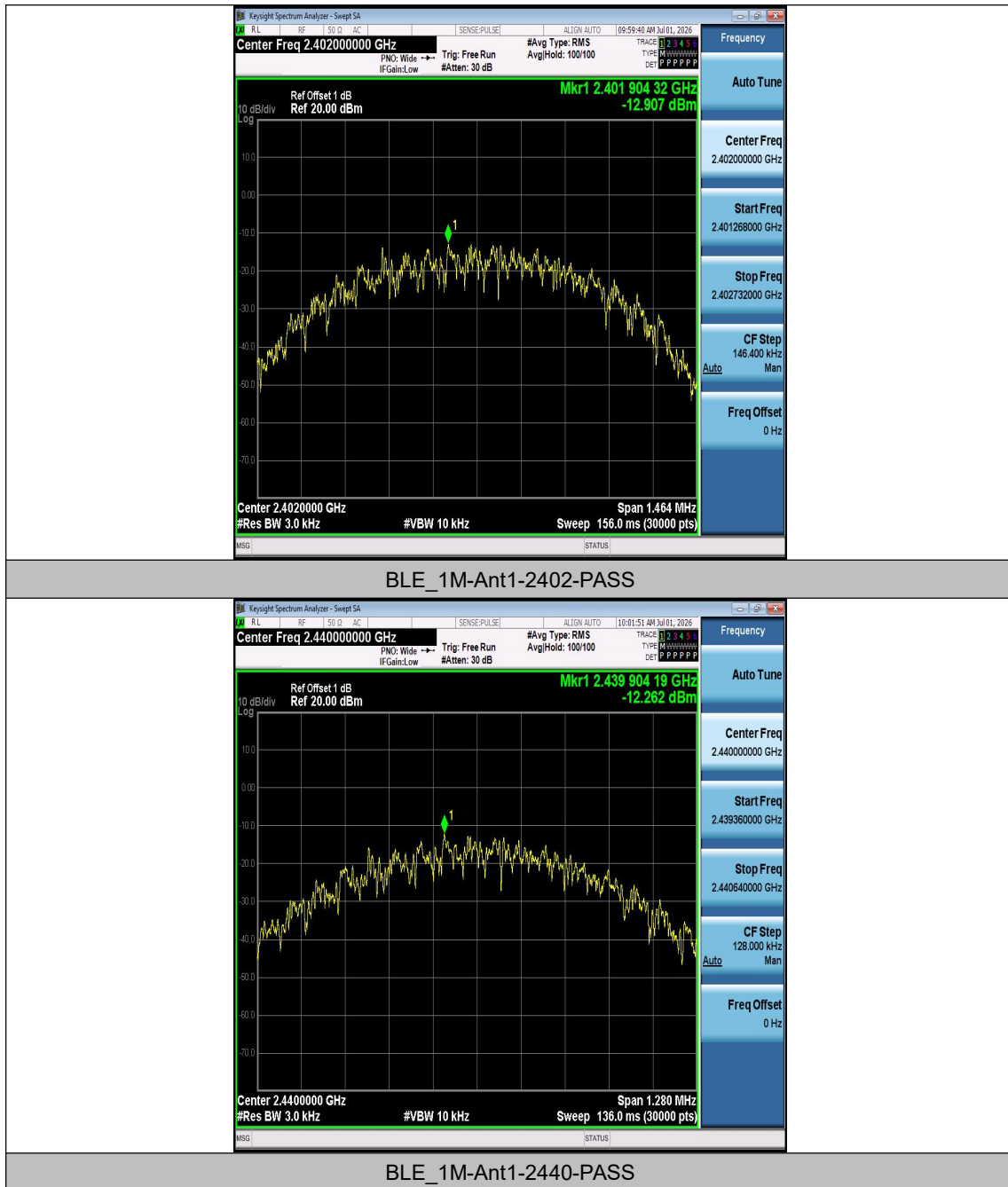
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.91	≤8.00	PASS
BLE_1M	Ant1	2440	-12.26	≤8.00	PASS
BLE_1M	Ant1	2480	-13.00	≤8.00	PASS

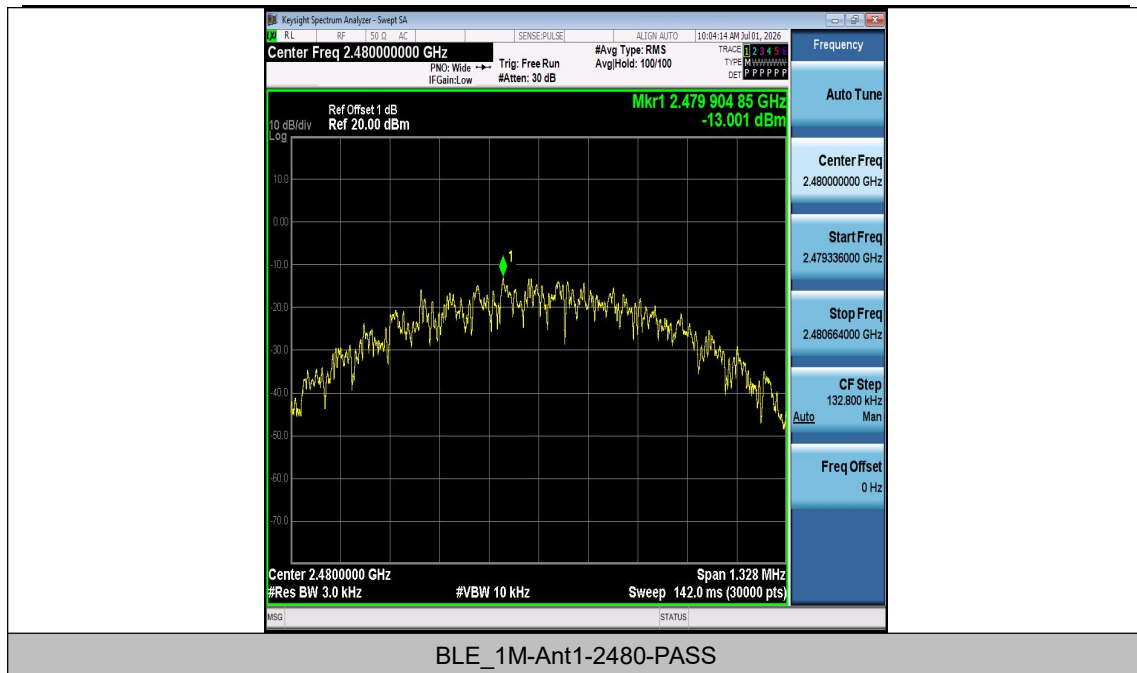
Test Graphs



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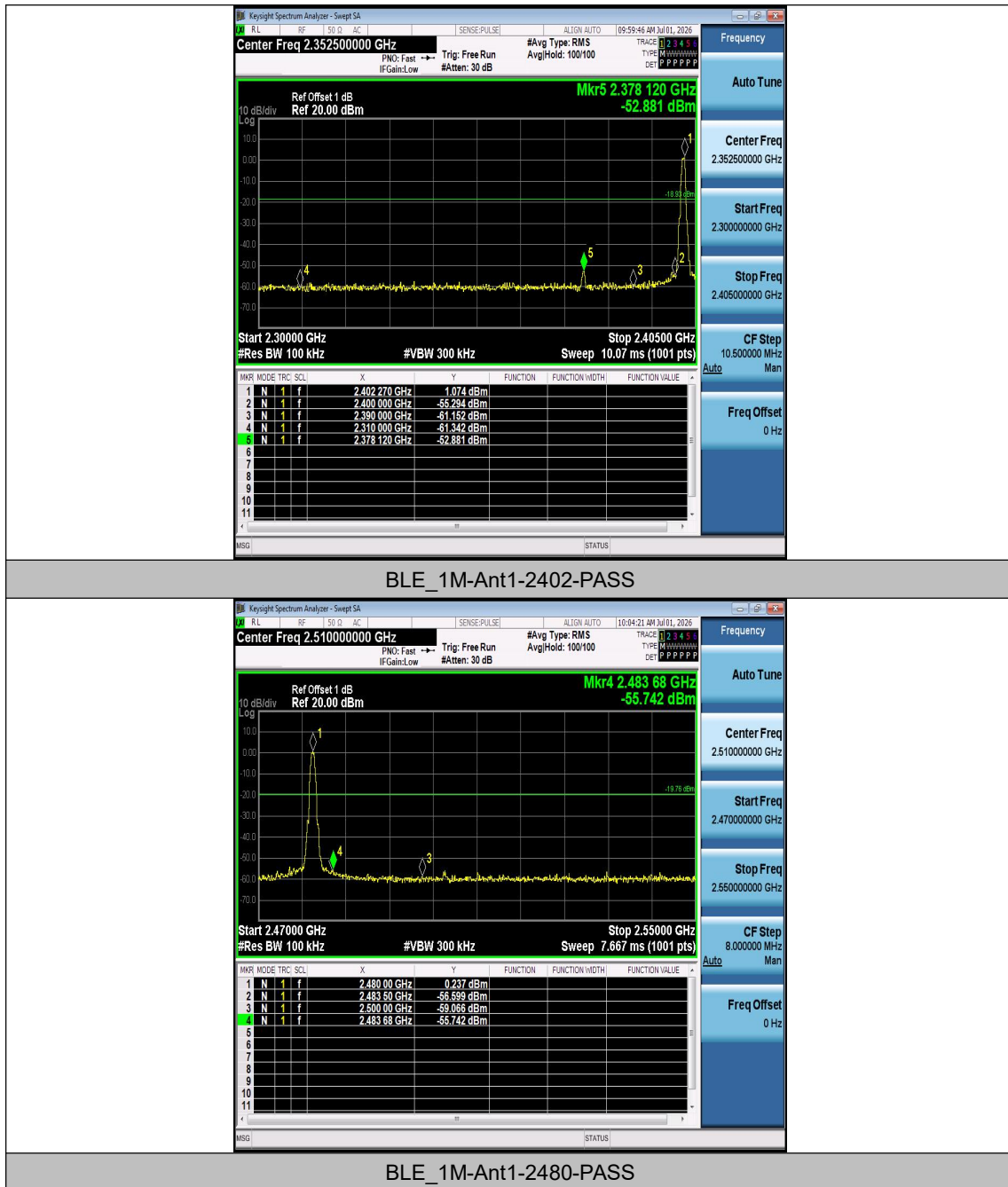
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.07	-52.88	≤-18.93	PASS
BLE_1M	Ant1	High	2480	0.24	-55.74	≤-19.76	PASS

Test Graphs



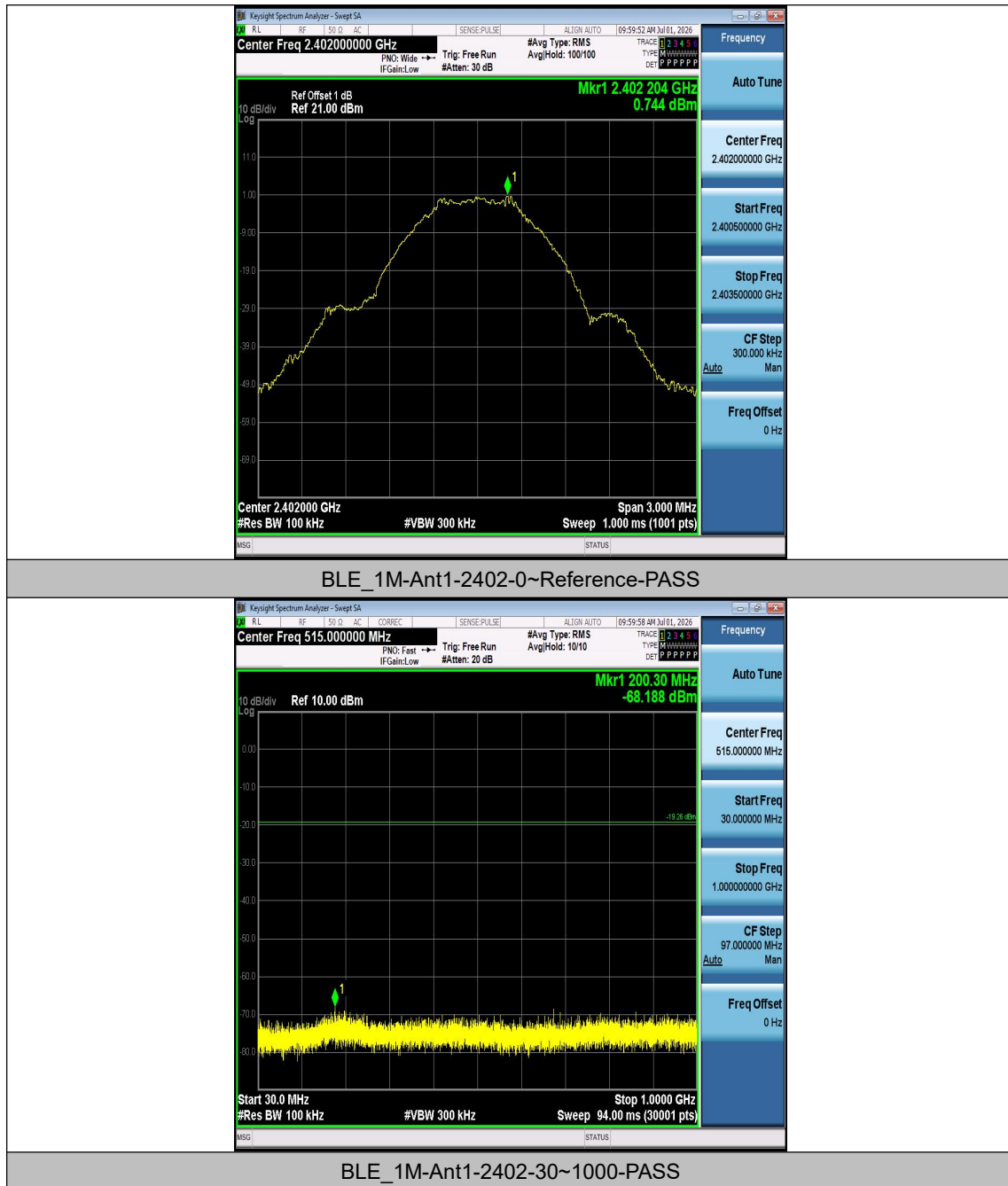
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.74	0.74	---	PASS
BLE_1M	Ant1	2402	30~1000	0.74	-68.19	≤-19.26	PASS
BLE_1M	Ant1	2402	1000~26500	0.74	-35.89	≤-19.26	PASS
BLE_1M	Ant1	2440	0~Reference	0.42	0.42	---	PASS
BLE_1M	Ant1	2440	30~1000	0.42	-69.4	≤-19.58	PASS
BLE_1M	Ant1	2440	1000~26500	0.42	-35.83	≤-19.58	PASS
BLE_1M	Ant1	2480	0~Reference	-0.26	-0.26	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.26	-69.07	≤-20.26	PASS
BLE_1M	Ant1	2480	1000~26500	-0.26	-35.54	≤-20.26	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.

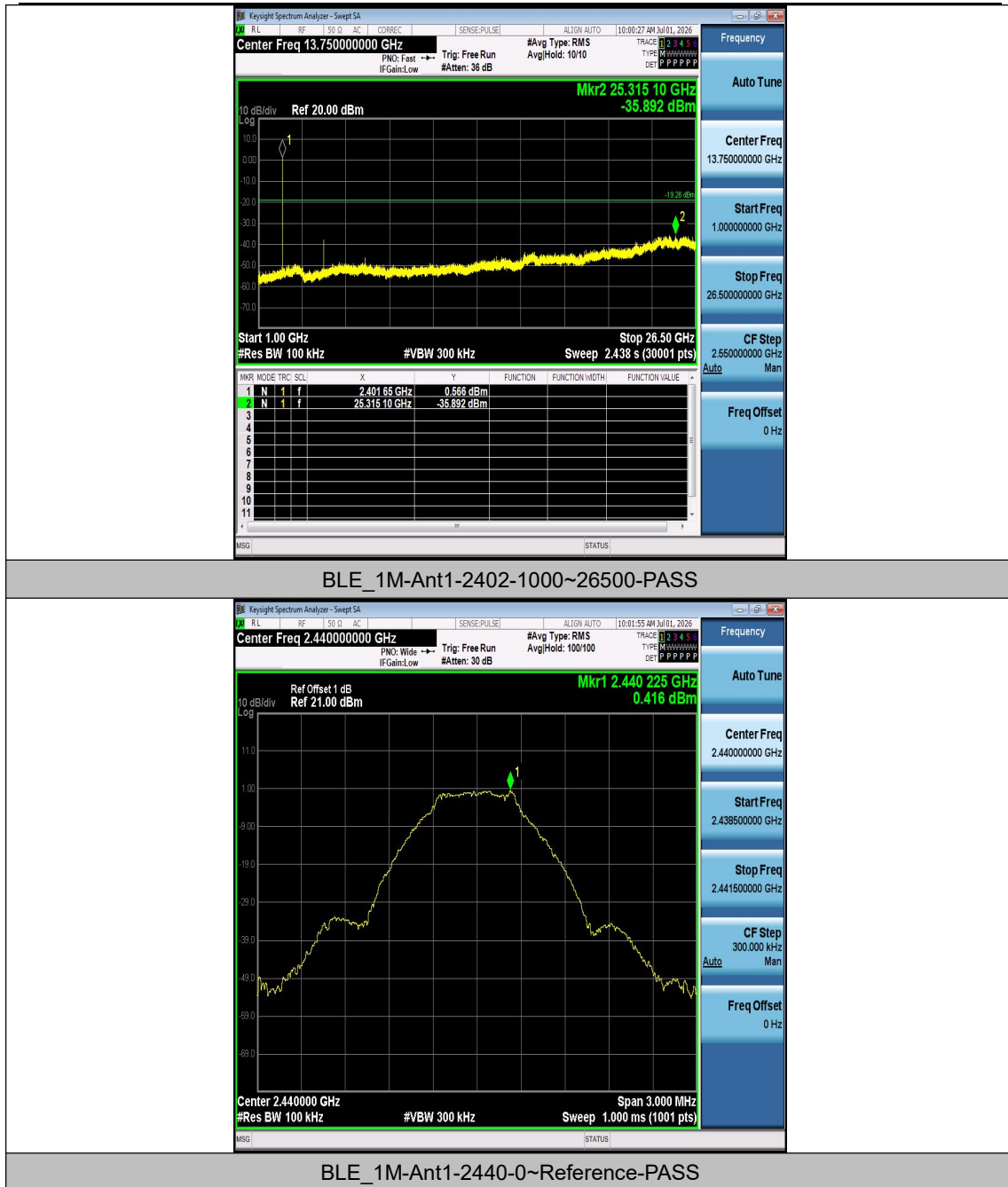
Test Graphs



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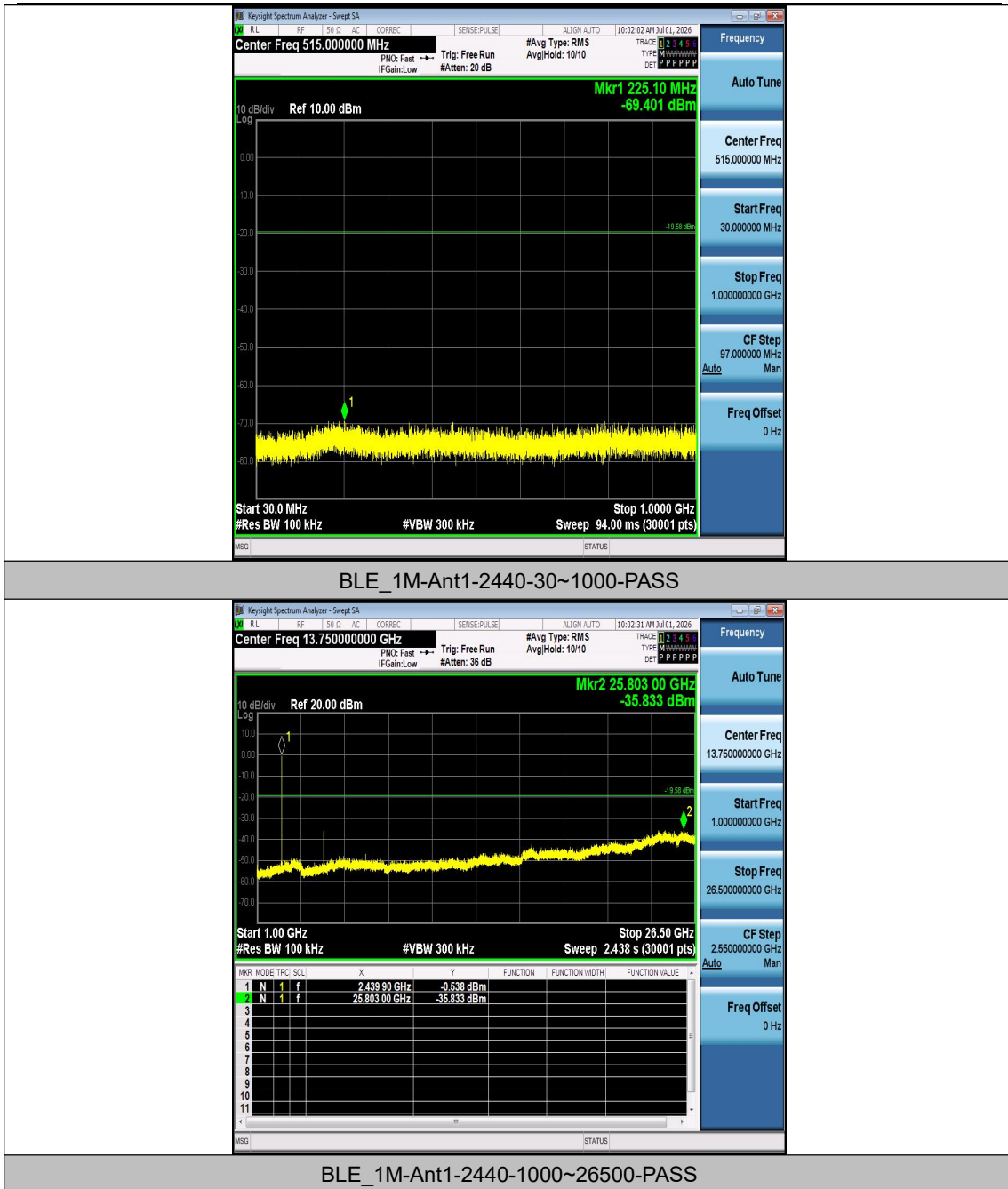
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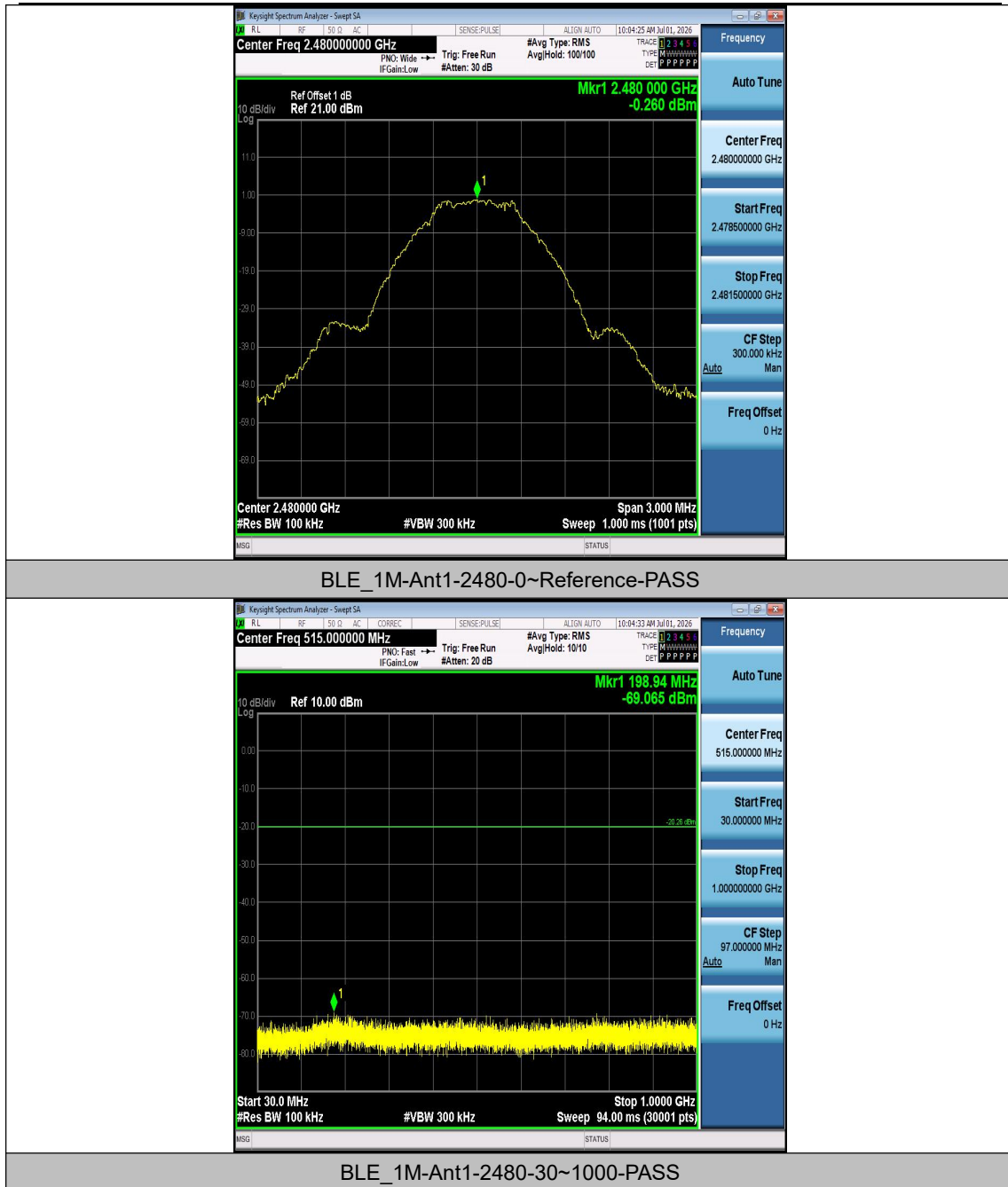
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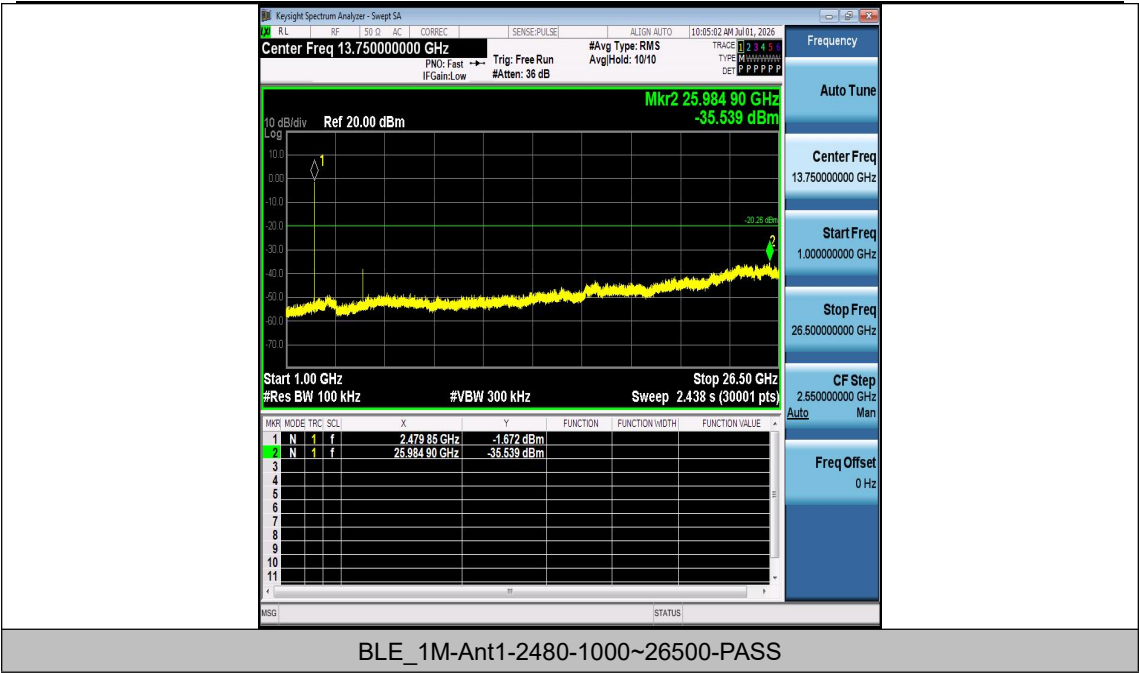
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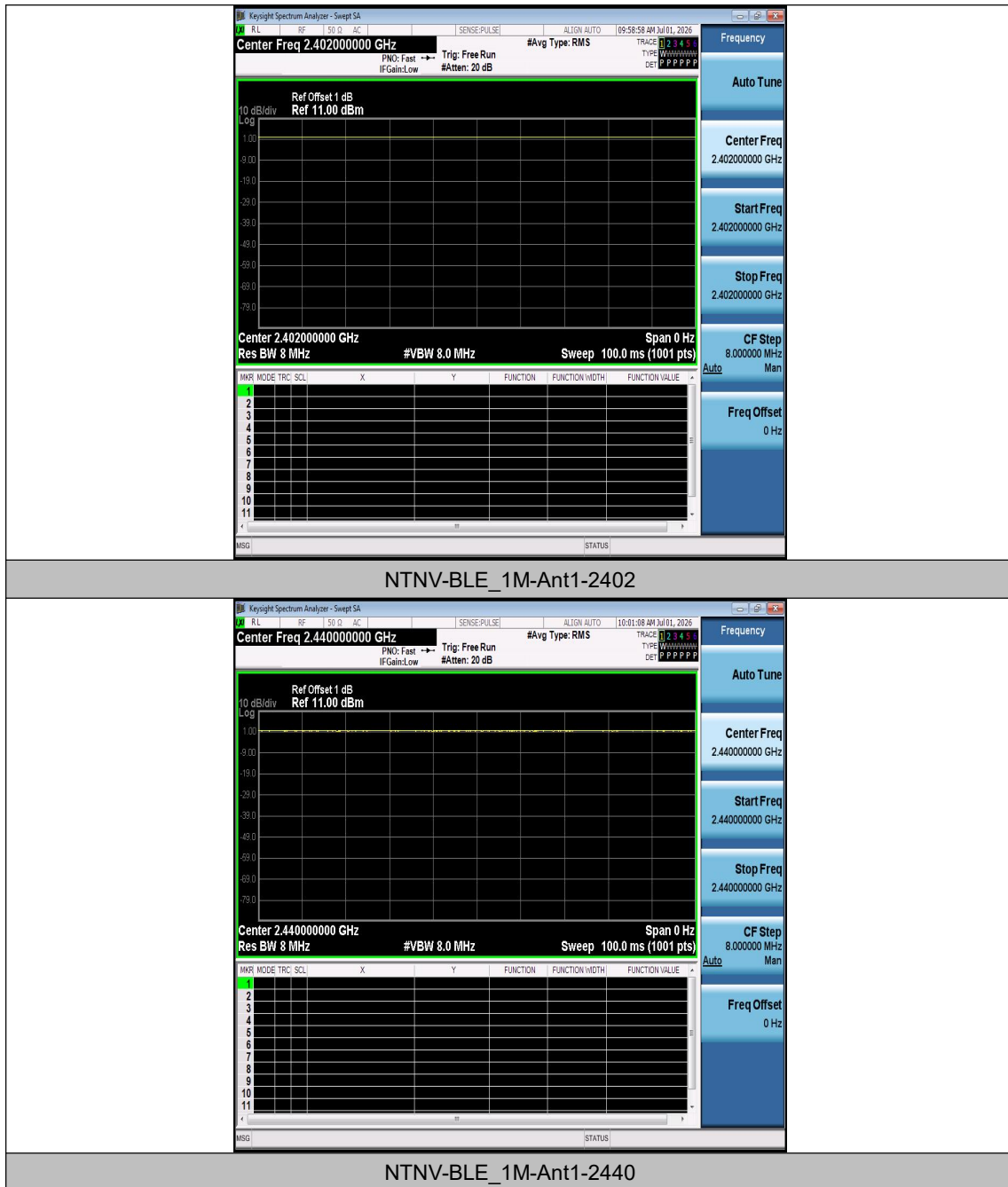
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Appendix G: Duty Cycle

Test Result

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

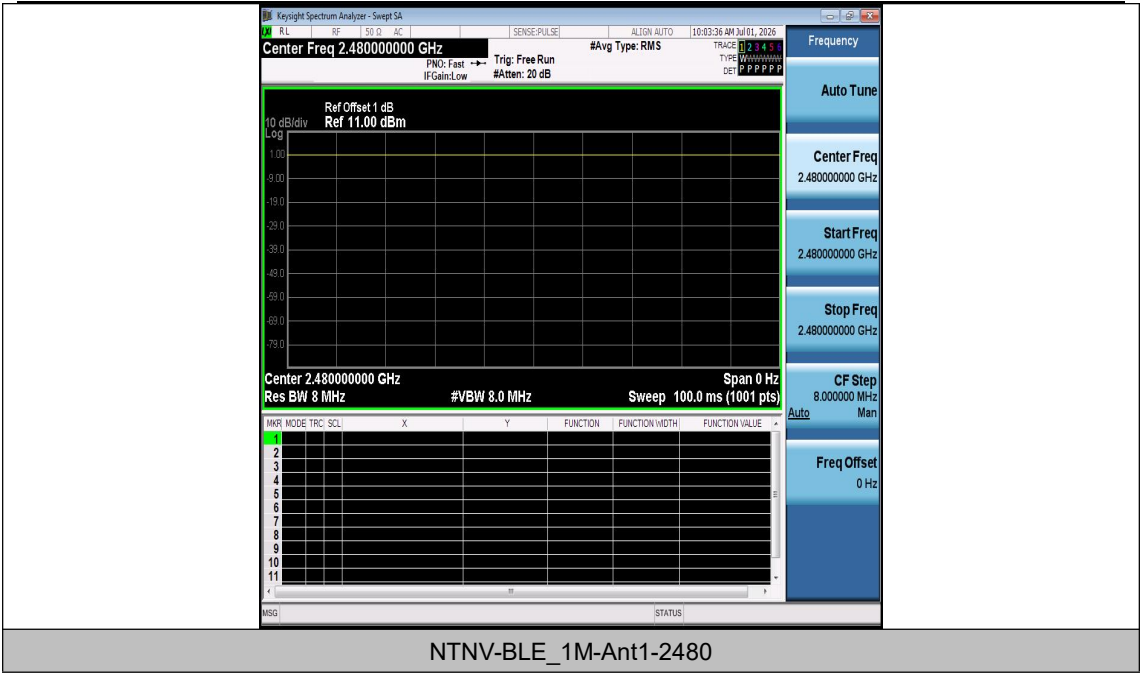
Test Graphs



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