

Appendix Test Data

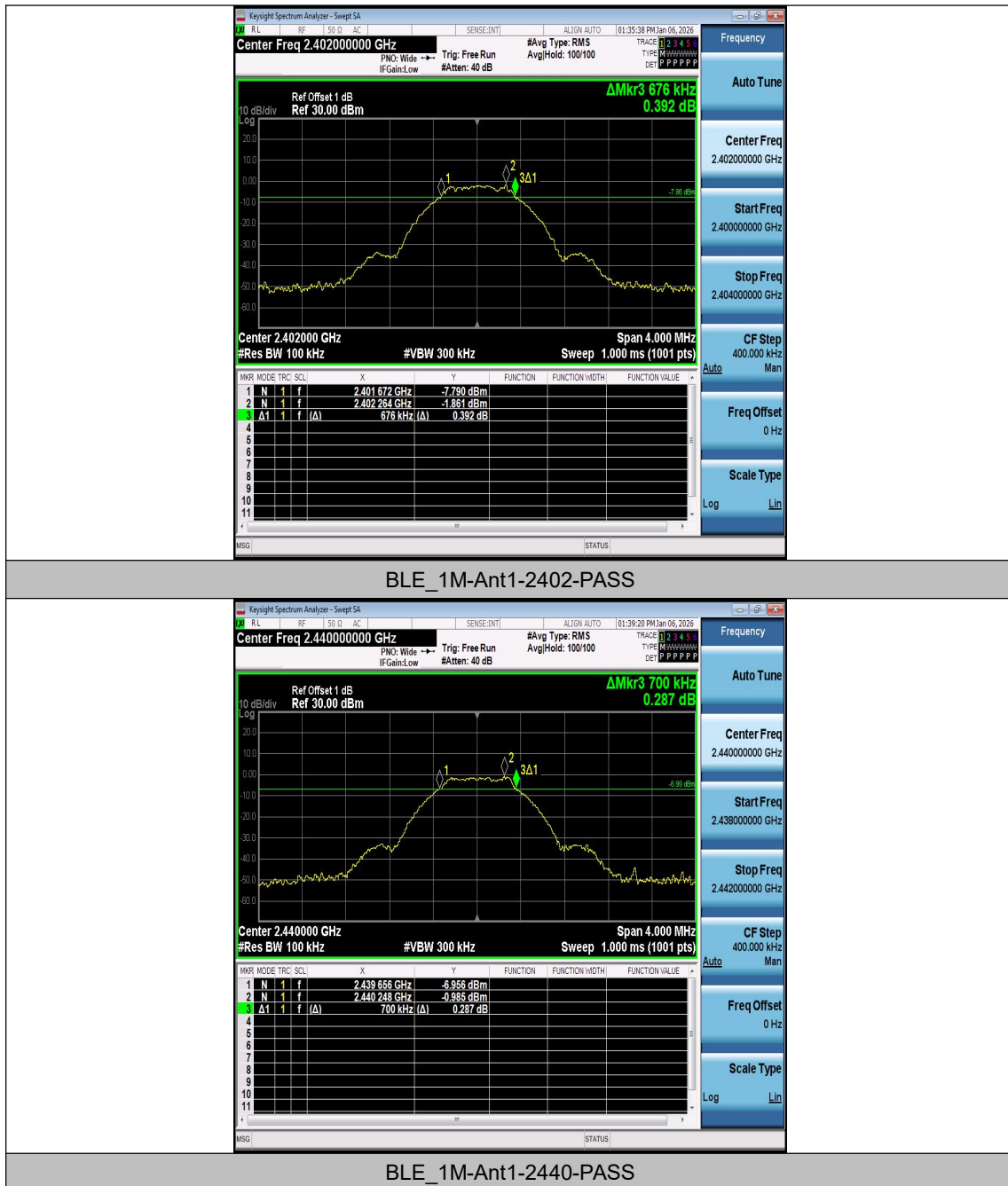
Report No.:	1812C60000412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-6	Finish Test Date:	2026-1-8
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	18.6℃	Relative Humidity:	43%
Pressure:	101kPa		

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	0.676	2401.672	2402.348	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.656	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.676	2479.668	2480.344	0.5	PASS

Test Graphs



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BLE_1M-Ant1-2480-PASS

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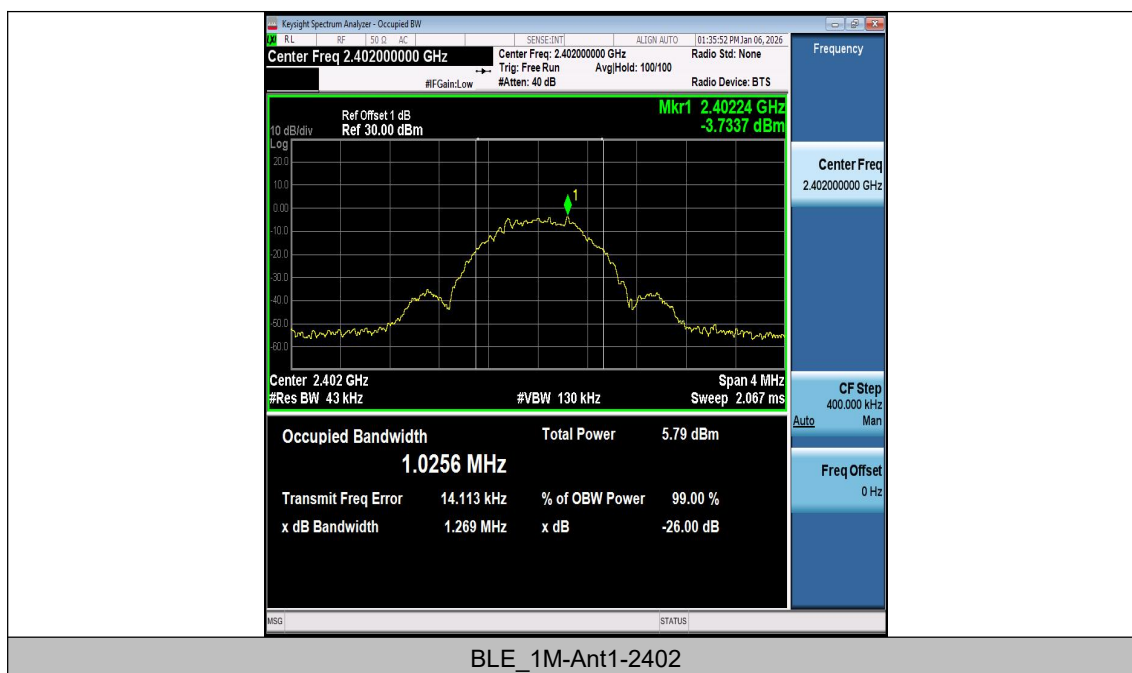
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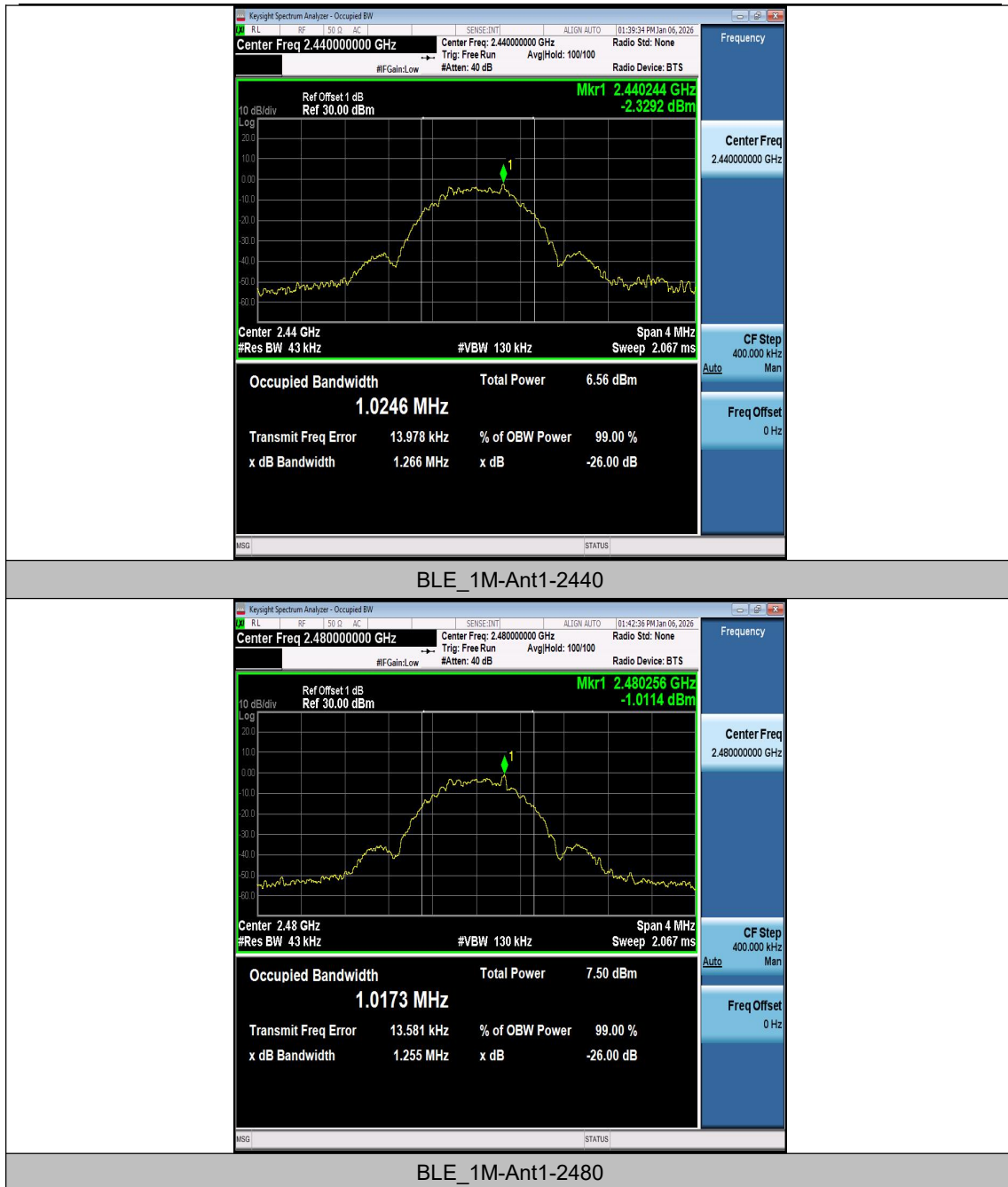
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0256	2401.5013	2402.5269	---	---
BLE_1M	Ant1	2440	1.0246	2439.5017	2440.5263	---	---
BLE_1M	Ant1	2480	1.0173	2479.5049	2480.5222	---	---

Test Graphs





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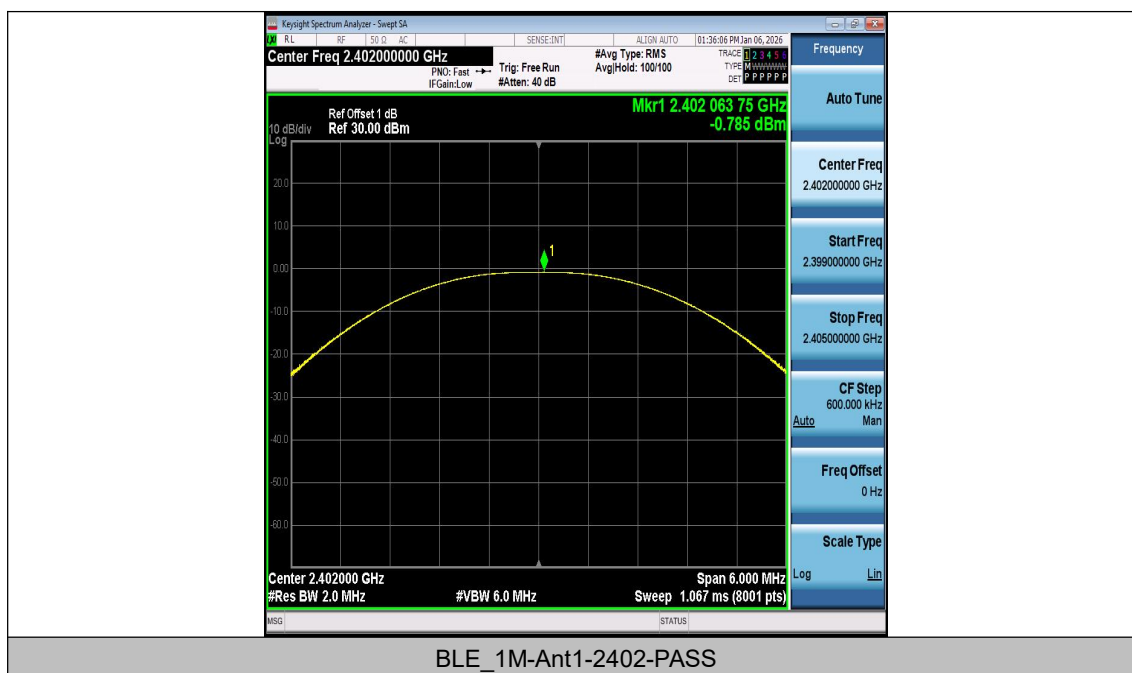
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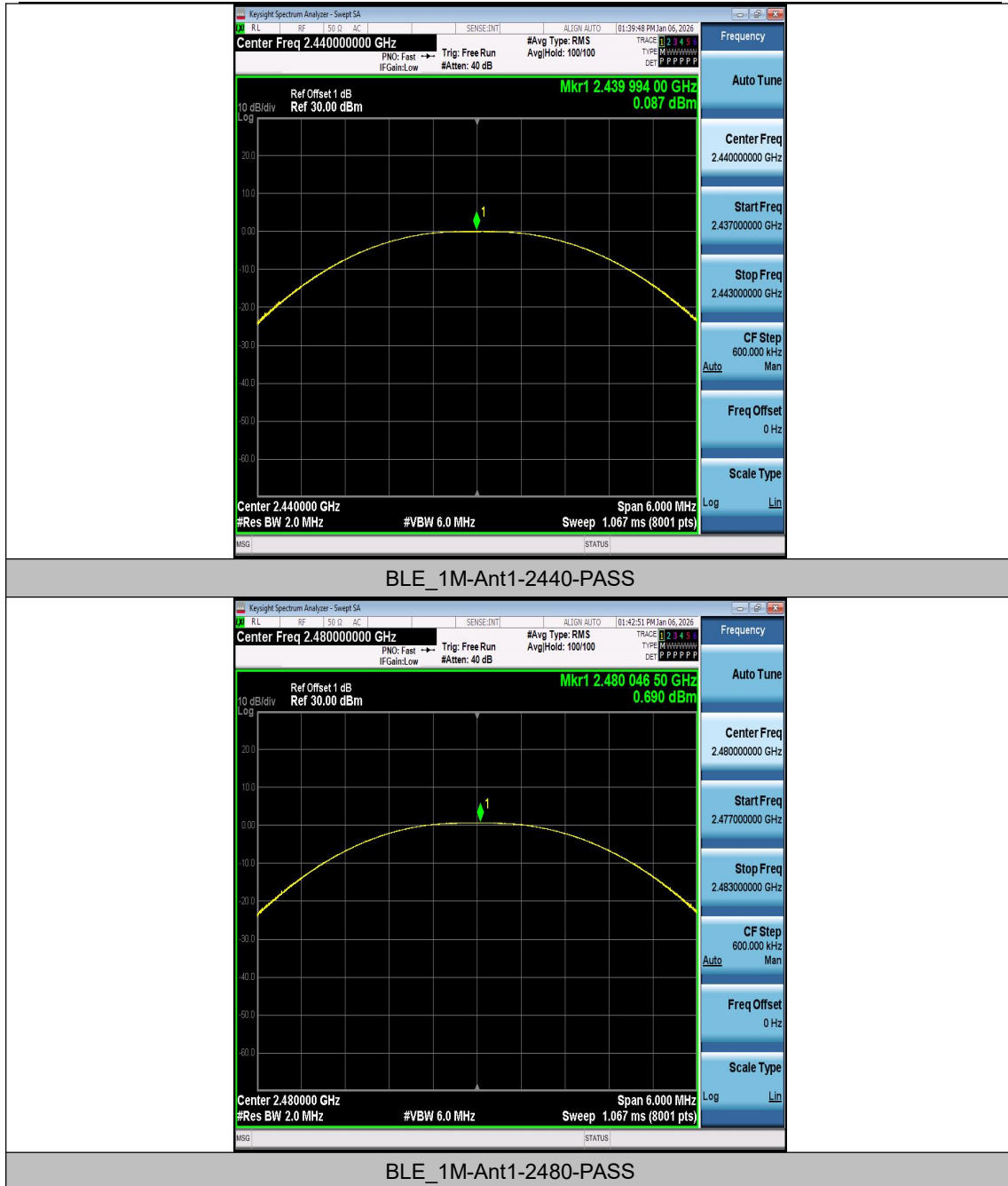
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.79	≤30	PASS
BLE_1M	Ant1	2440	0.09	≤30	PASS
BLE_1M	Ant1	2480	0.69	≤30	PASS

Test Graphs Peak





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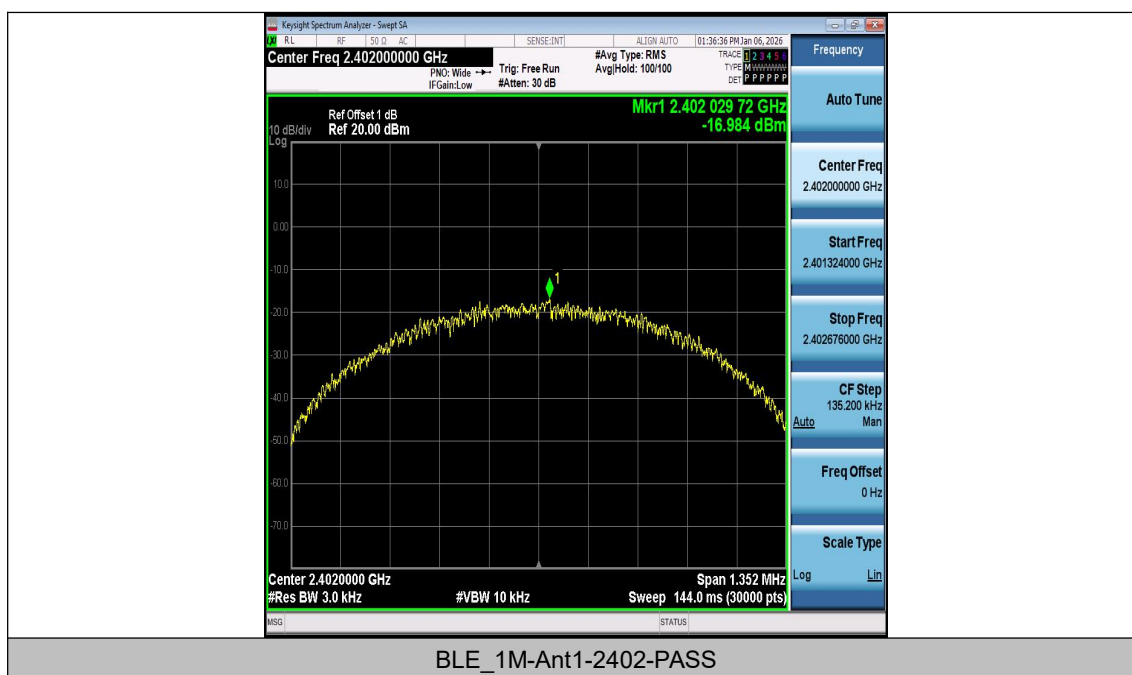
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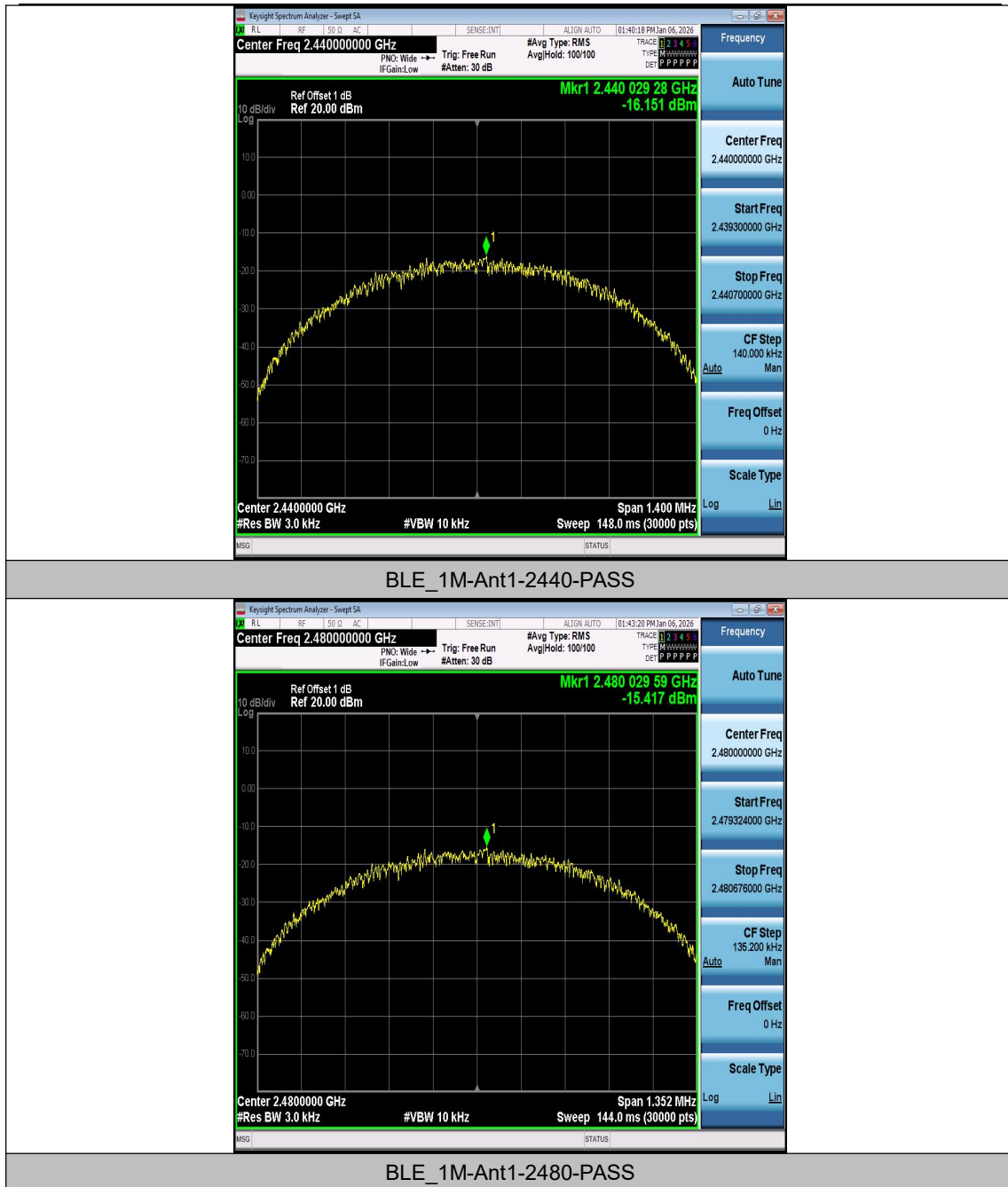
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.98	≤8.00	PASS
BLE_1M	Ant1	2440	-16.15	≤8.00	PASS
BLE_1M	Ant1	2480	-15.42	≤8.00	PASS

Test Graphs





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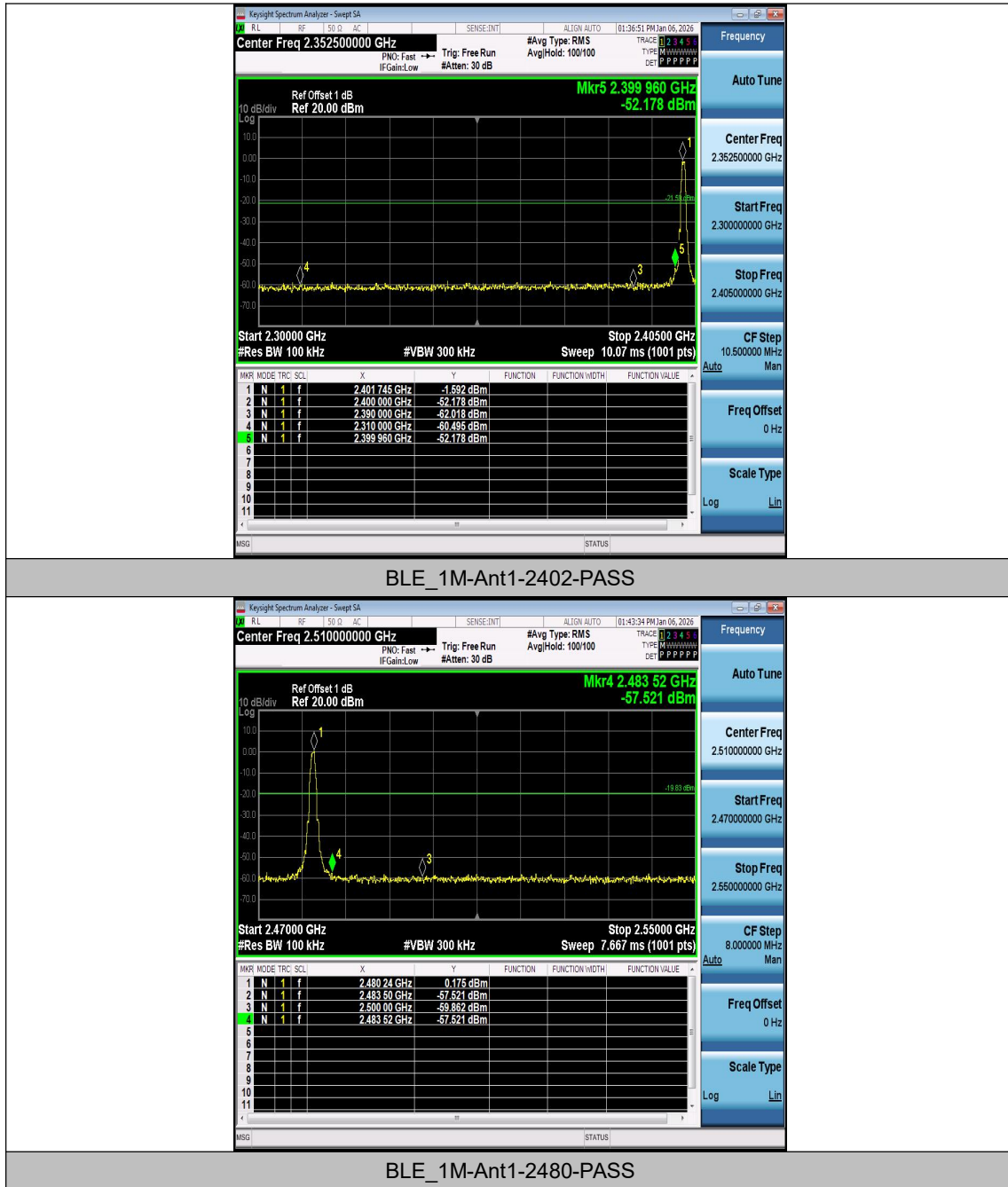
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.59	-52.18	≤-21.59	PASS
BLE_1M	Ant1	High	2480	0.18	-57.52	≤-19.83	PASS

Test Graphs



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Appendix F: Conducted Spurious Emission

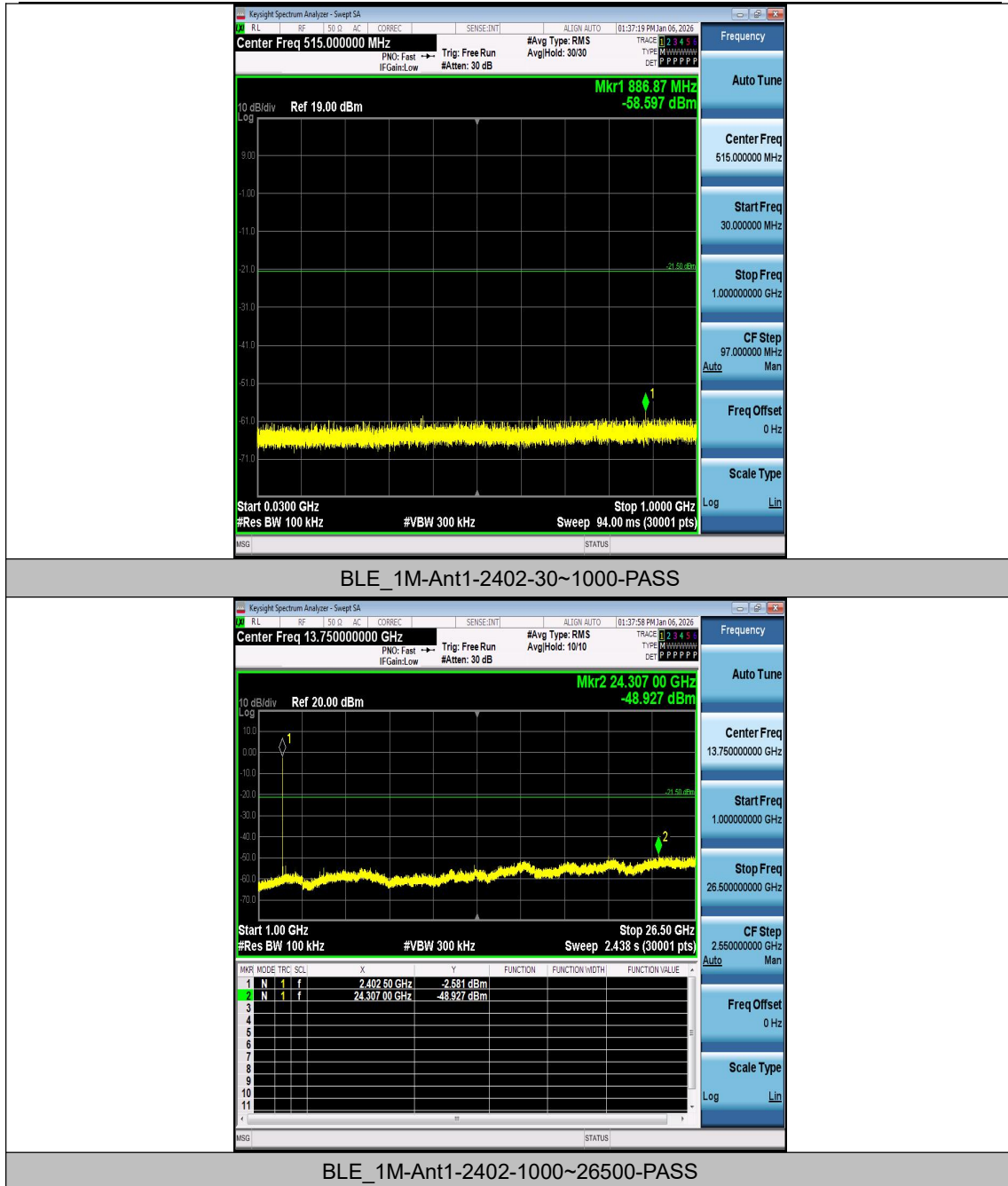
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.50	-1.50	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.50	-58.6	≤-21.5	PASS
BLE_1M	Ant1	2402	1000~26500	-1.50	-48.93	≤-21.5	PASS
BLE_1M	Ant1	2440	0~Reference	-0.43	-0.43	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.43	-59.08	≤-20.43	PASS
BLE_1M	Ant1	2440	1000~26500	-0.43	-47.98	≤-20.43	PASS
BLE_1M	Ant1	2480	0~Reference	0.46	0.46	---	PASS
BLE_1M	Ant1	2480	30~1000	0.46	-58.95	≤-19.54	PASS
BLE_1M	Ant1	2480	1000~26500	0.46	-48.69	≤-19.54	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

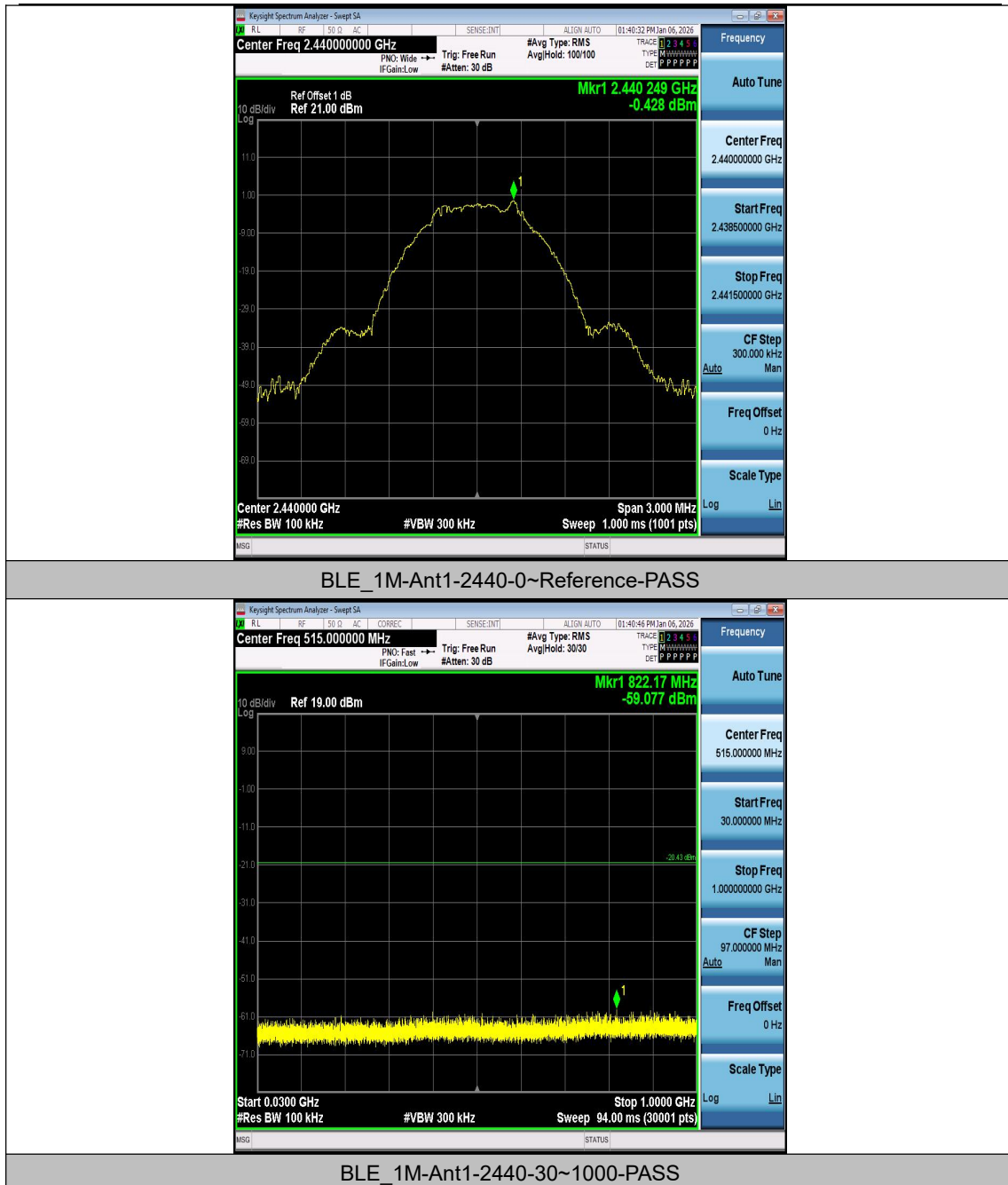




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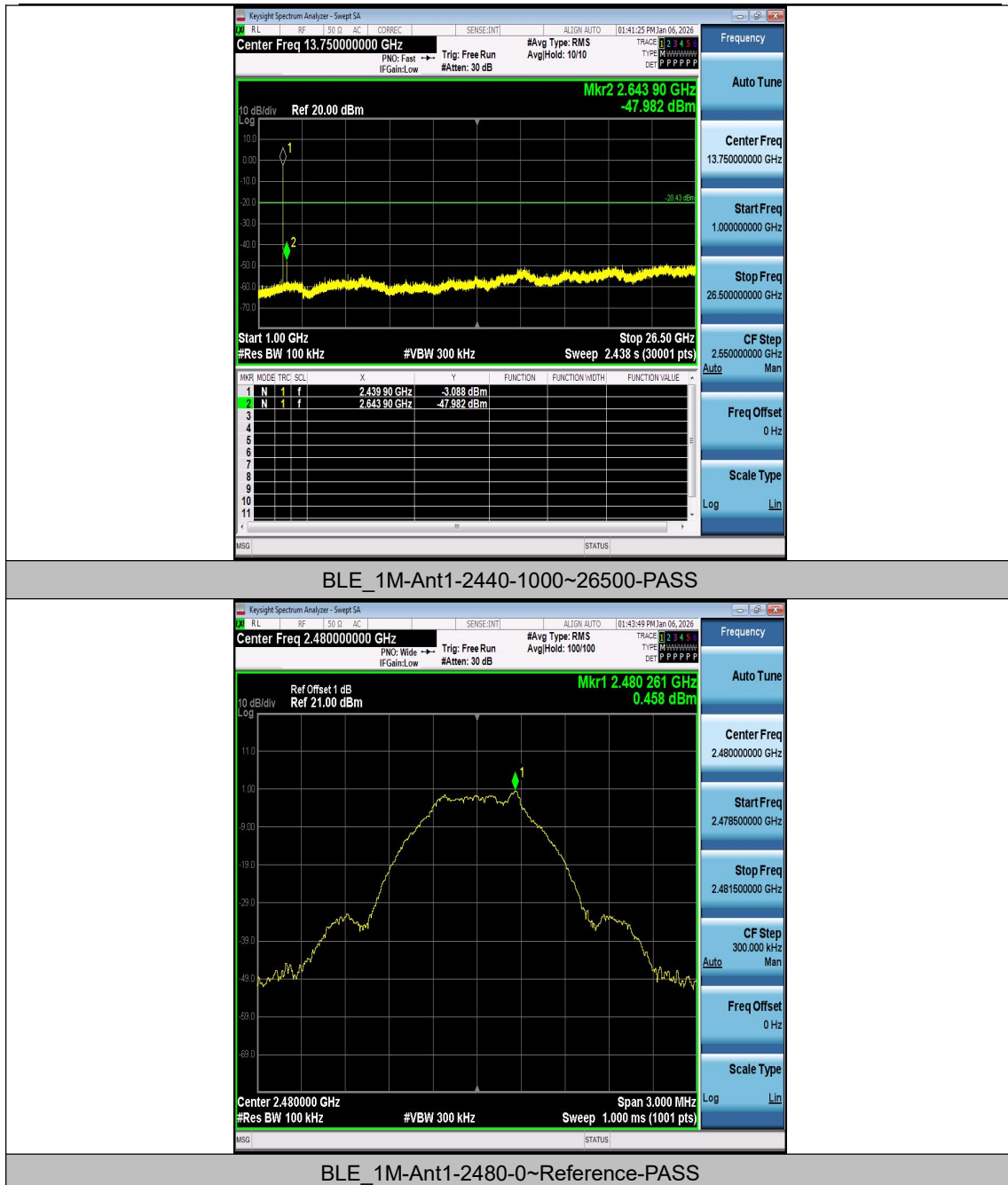
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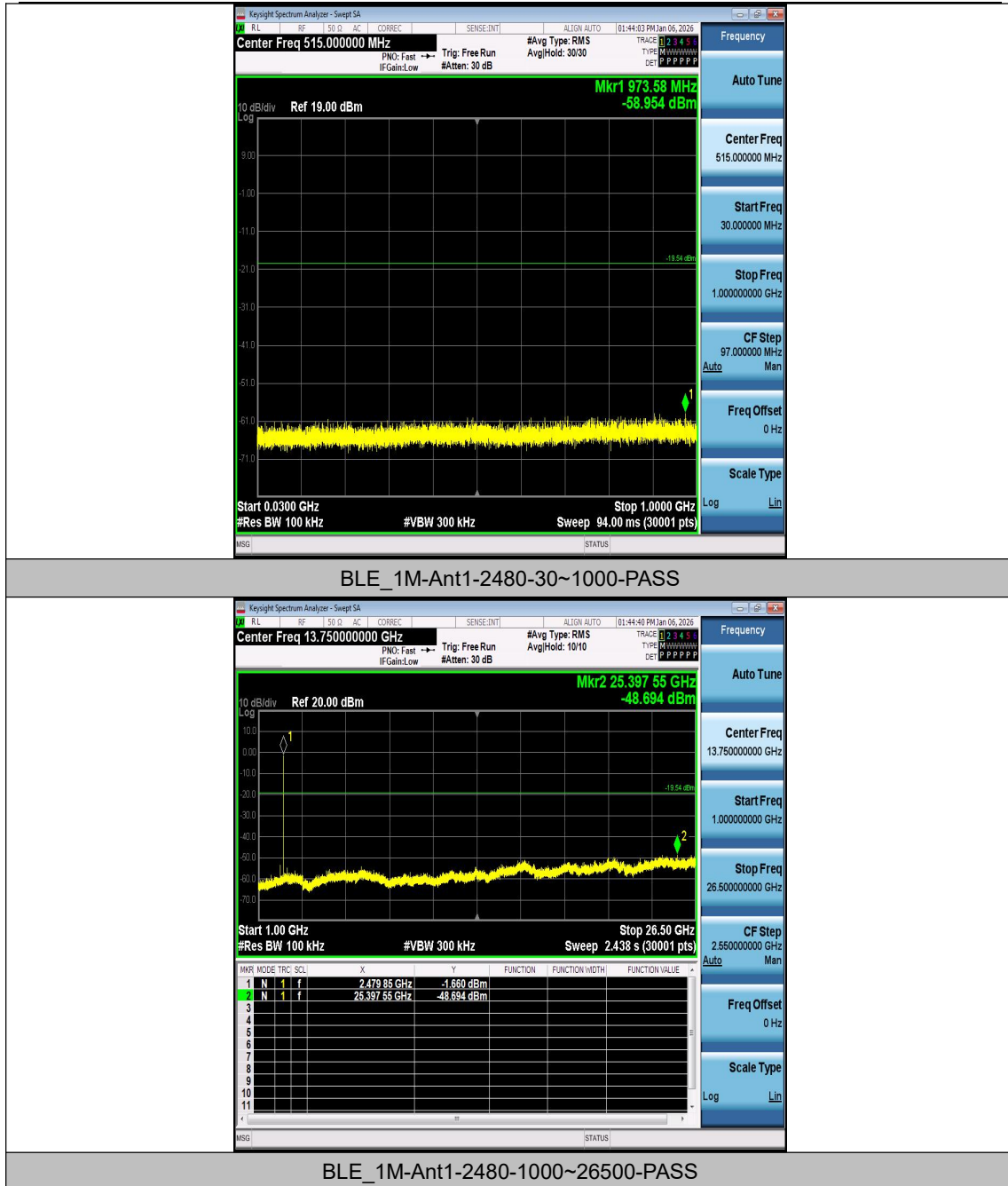


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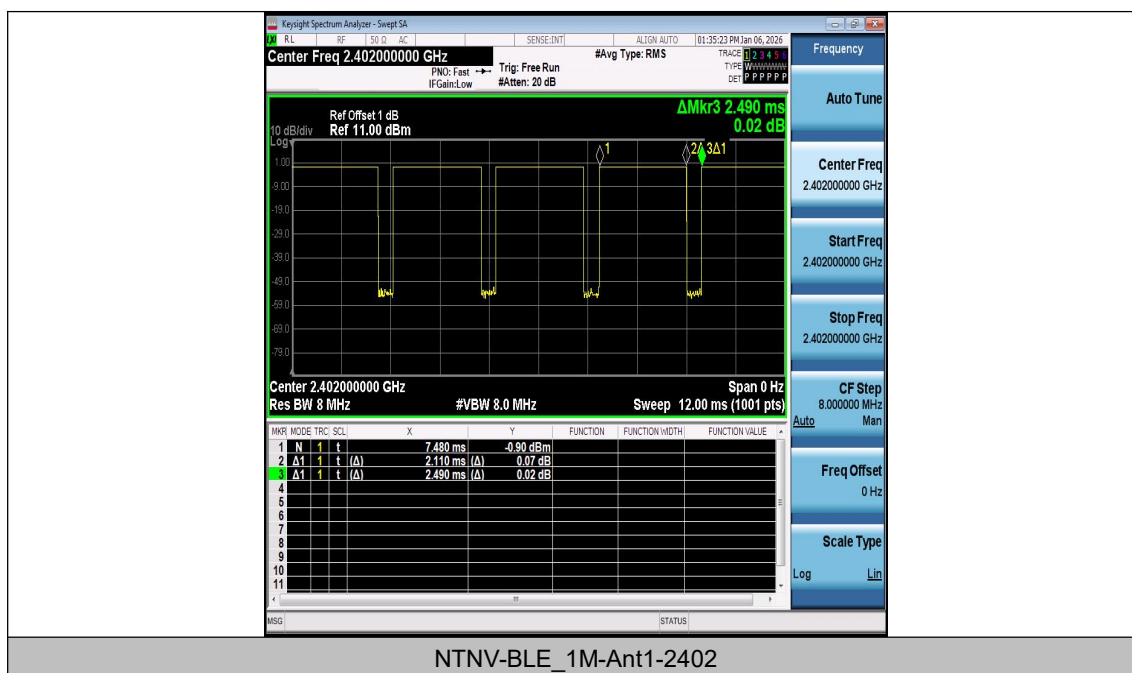
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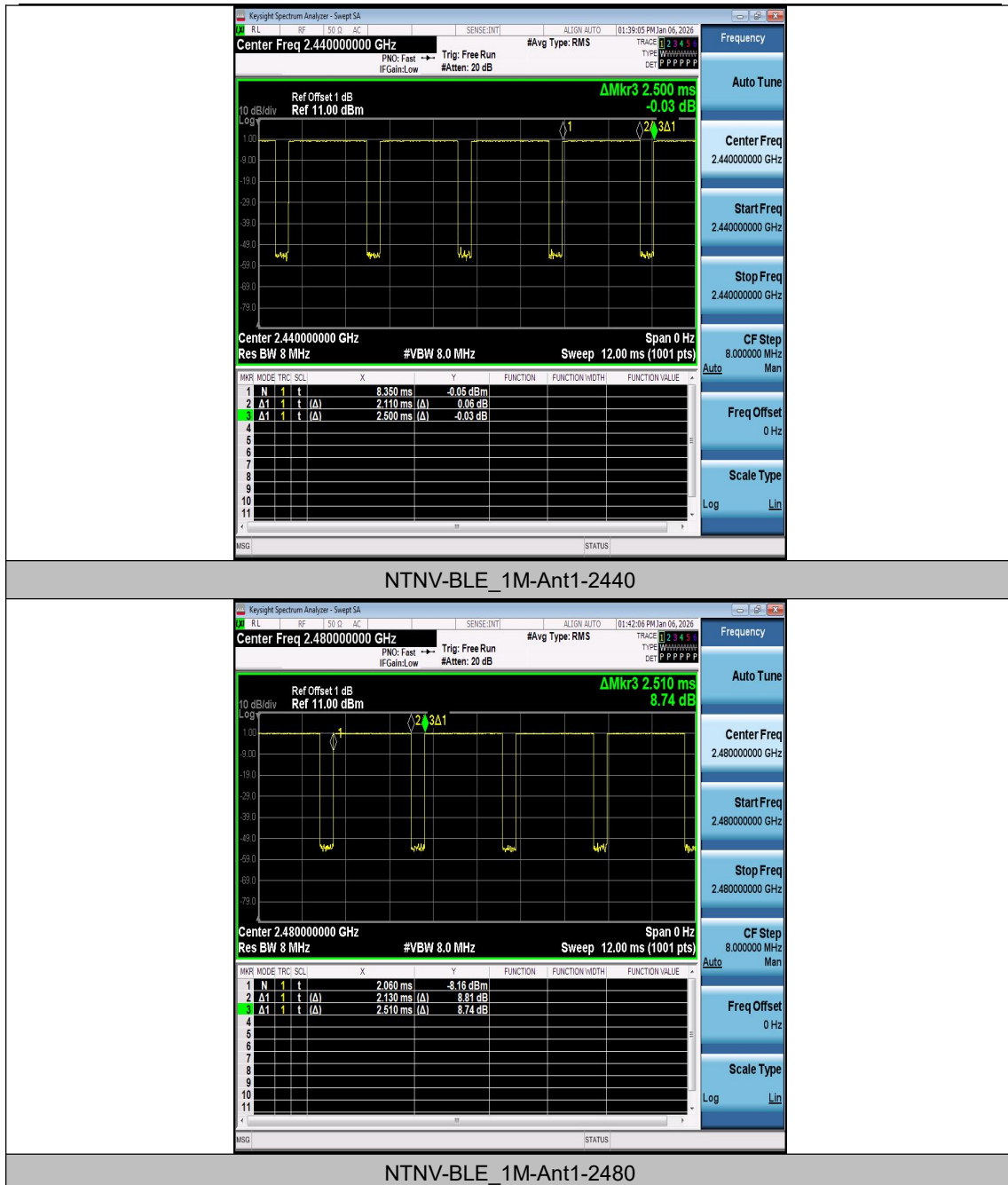
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.49	84.74	0.72
BLE_1M	Ant1	2440	2.11	2.50	84.40	0.74
BLE_1M	Ant1	2480	2.13	2.51	84.86	0.71

Test Graphs





---End---