

Appendix Test Data

Report No.:	1812C60185112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-6-11	Finish Test Date:	2026-6-16
Test Engineer:	<i>Pearl Ao</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.8°C	Relative Humidity:	67%
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	0.696	2401.648	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.648	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.648	2479.680	2480.328	0.5	PASS

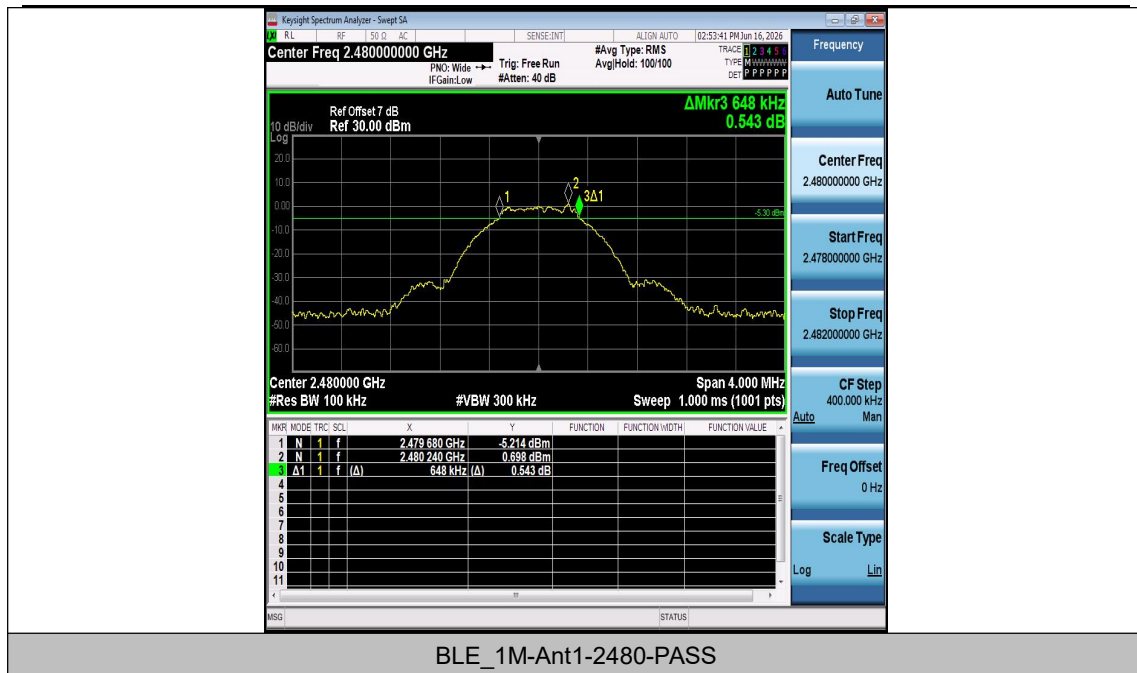
Test Graphs



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BLE_1M-Ant1-2480-PASS

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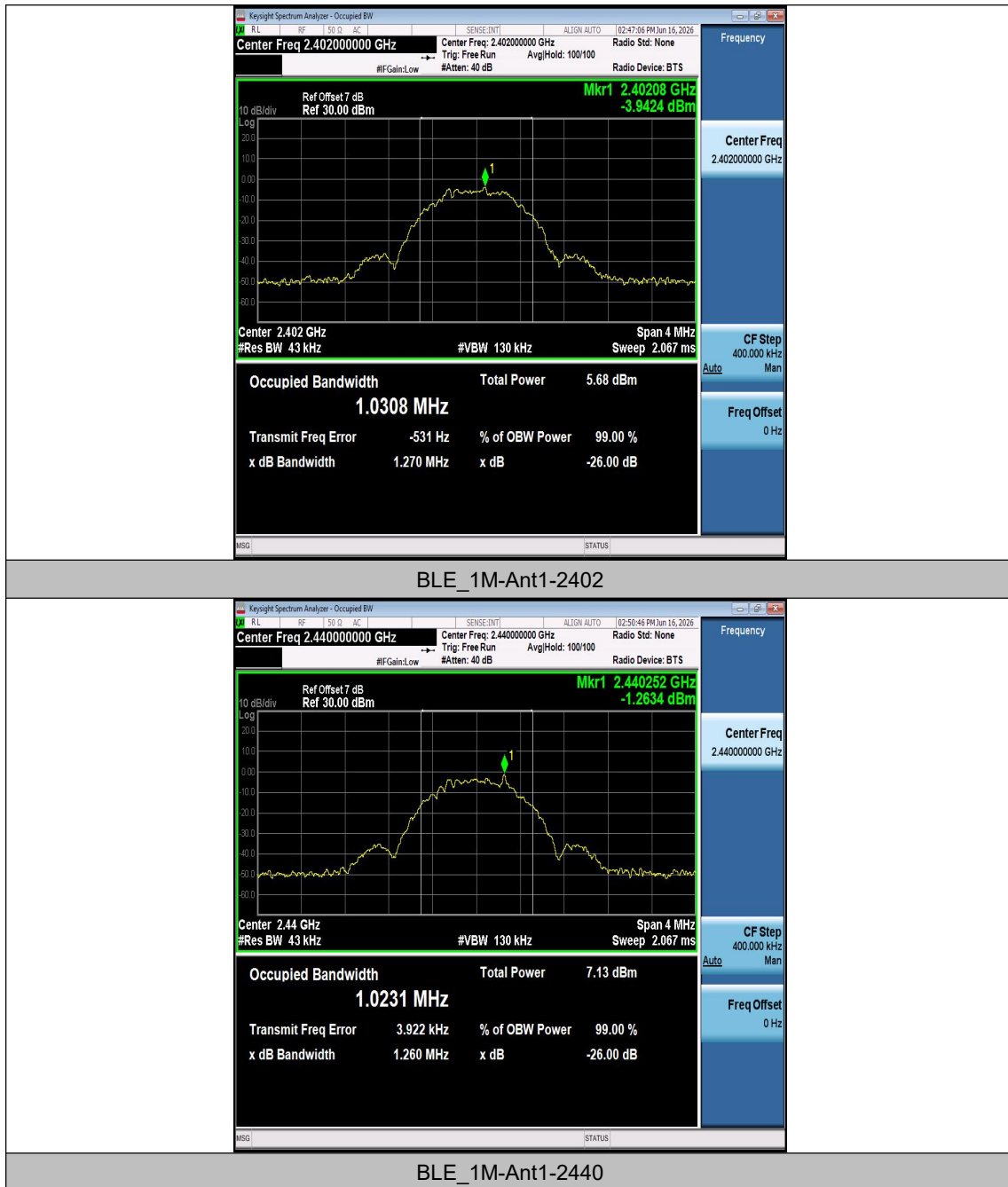
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0308	2401.4841	2402.5149	---	---
BLE_1M	Ant1	2440	1.0231	2439.4924	2440.5155	---	---
BLE_1M	Ant1	2480	1.0311	2479.4911	2480.5222	---	---

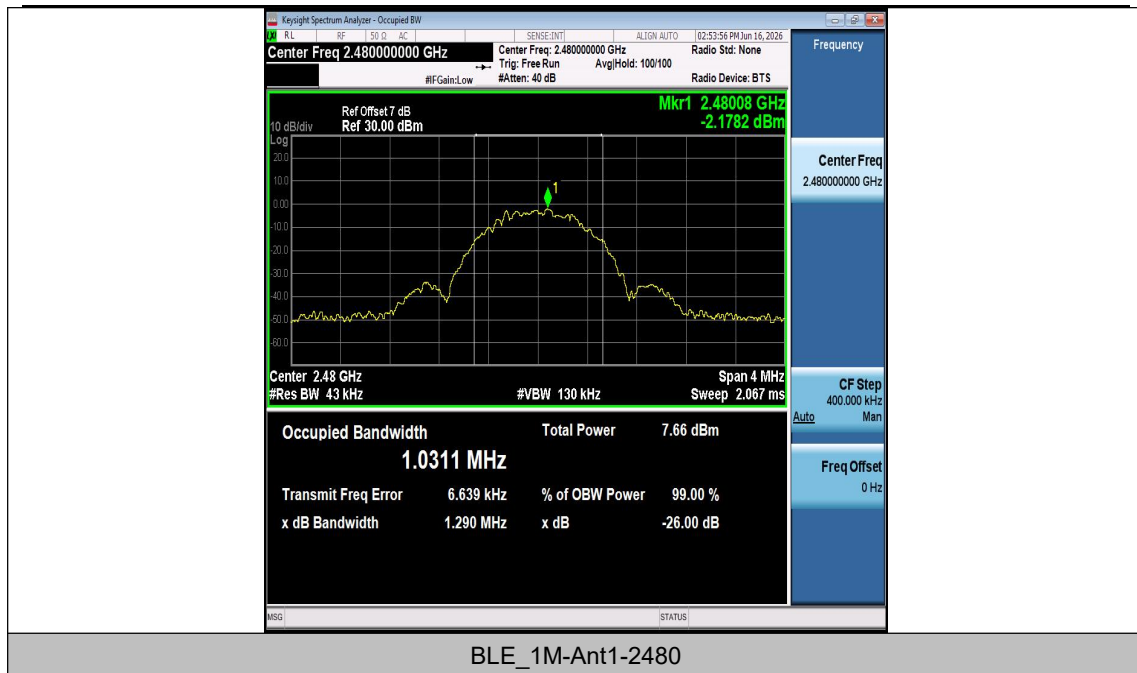
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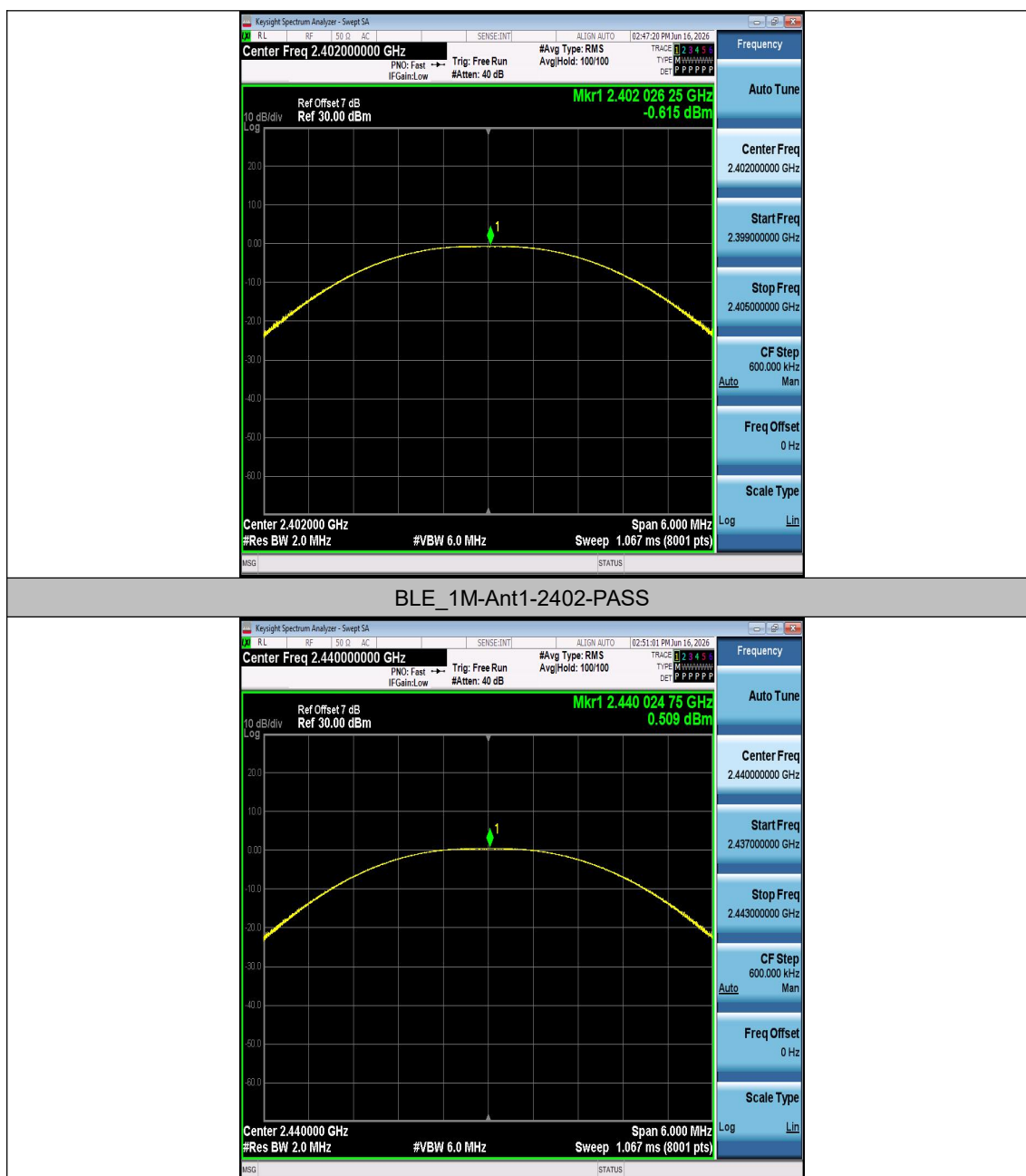
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.62	≤30	PASS
BLE_1M	Ant1	2440	0.51	≤30	PASS
BLE_1M	Ant1	2480	1.17	≤30	PASS

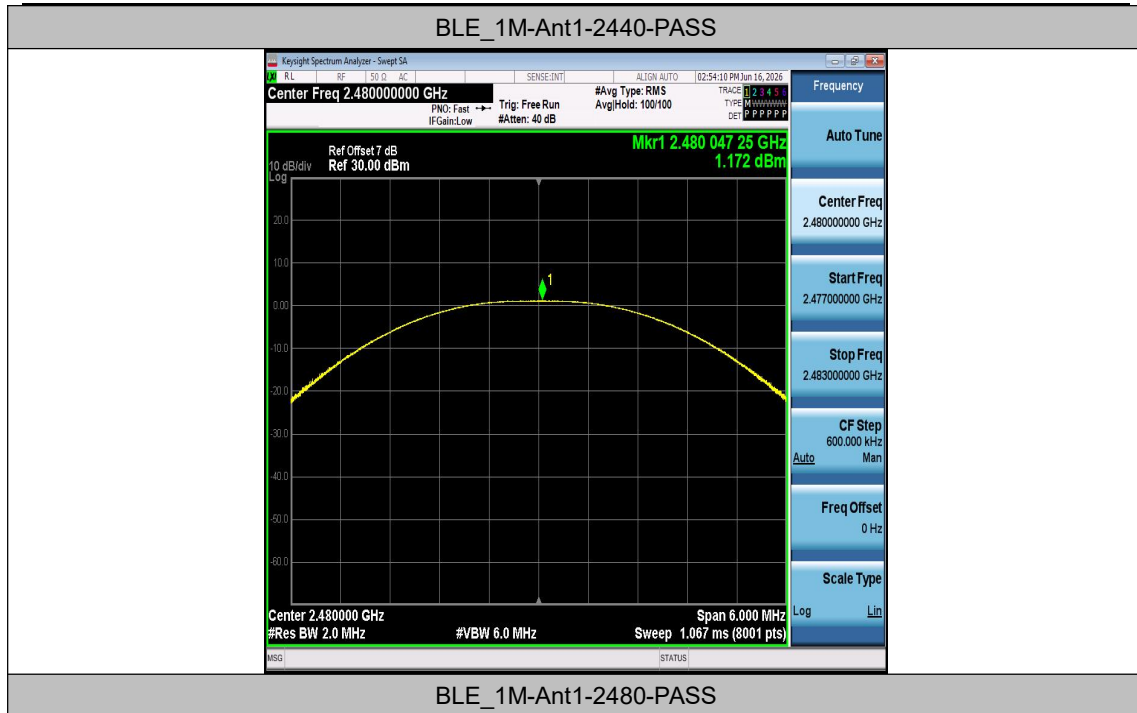
Test Graphs Peak



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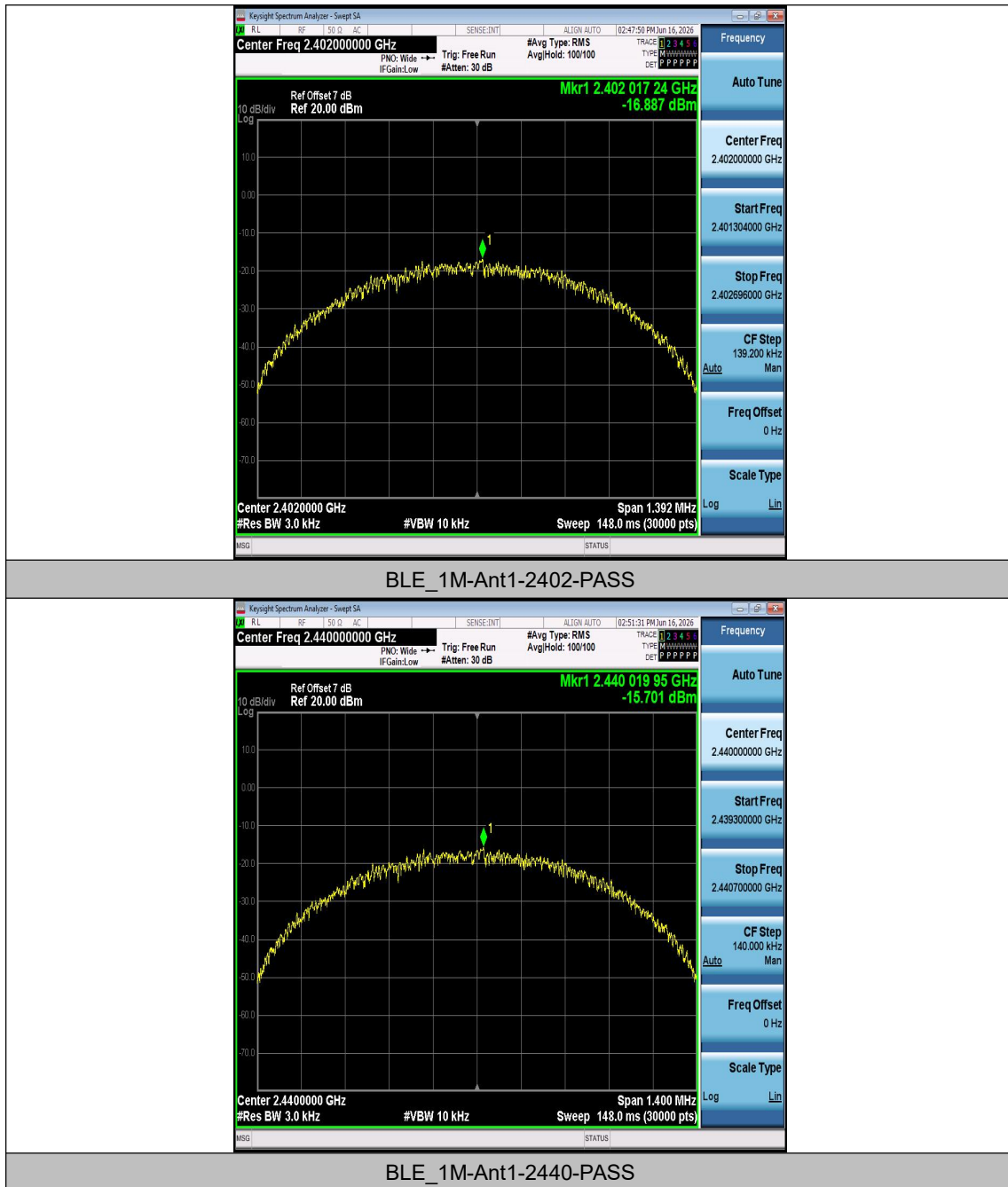
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.89	≤8.00	PASS
BLE_1M	Ant1	2440	-15.70	≤8.00	PASS
BLE_1M	Ant1	2480	-15.06	≤8.00	PASS

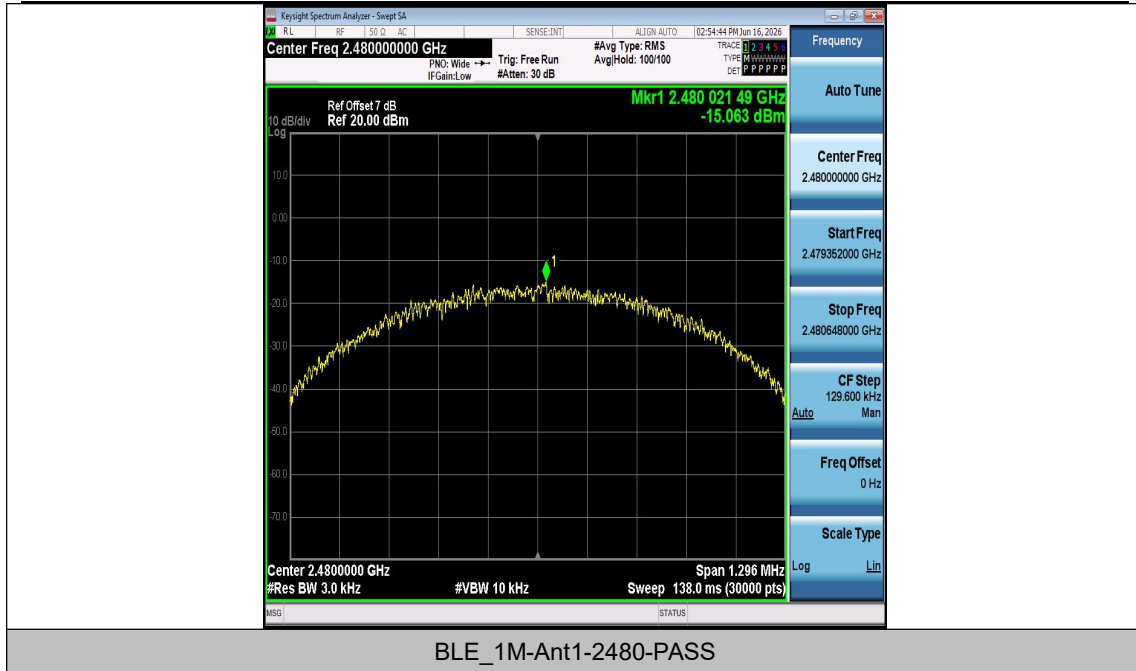
Test Graphs



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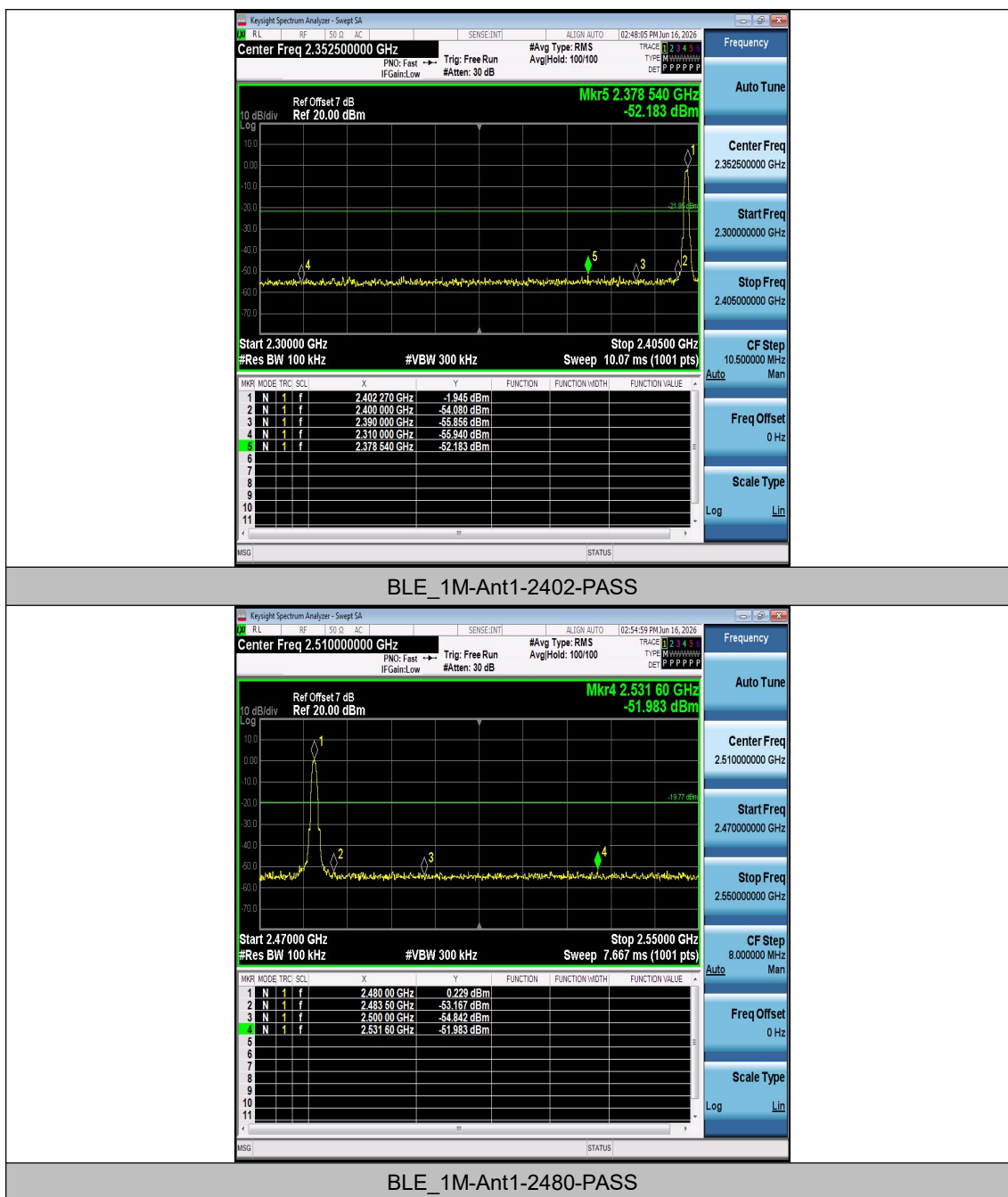
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.95	-52.18	≤-21.95	PASS
BLE_1M	Ant1	High	2480	0.23	-51.98	≤-19.77	PASS

Test Graphs



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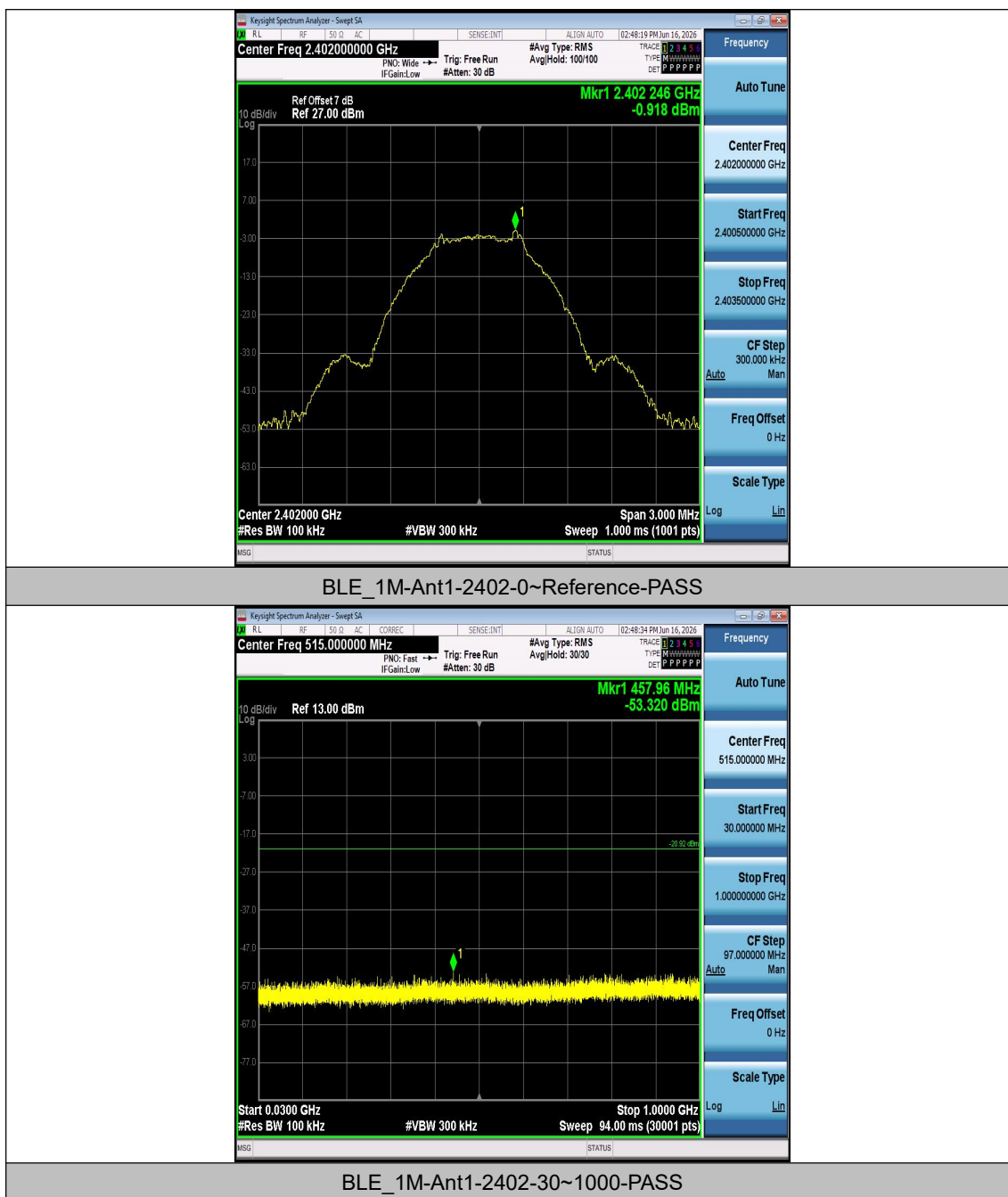
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.92	-0.92	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.92	-53.32	≤-20.92	PASS
BLE_1M	Ant1	2402	1000~26500	-0.92	-42.52	≤-20.92	PASS
BLE_1M	Ant1	2440	0~Reference	0.20	0.20	---	PASS
BLE_1M	Ant1	2440	30~1000	0.20	-52	≤-19.8	PASS
BLE_1M	Ant1	2440	1000~26500	0.20	-42.03	≤-19.8	PASS
BLE_1M	Ant1	2480	0~Reference	0.32	0.32	---	PASS
BLE_1M	Ant1	2480	30~1000	0.32	-52.7	≤-19.68	PASS
BLE_1M	Ant1	2480	1000~26500	0.32	-42.74	≤-19.68	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.

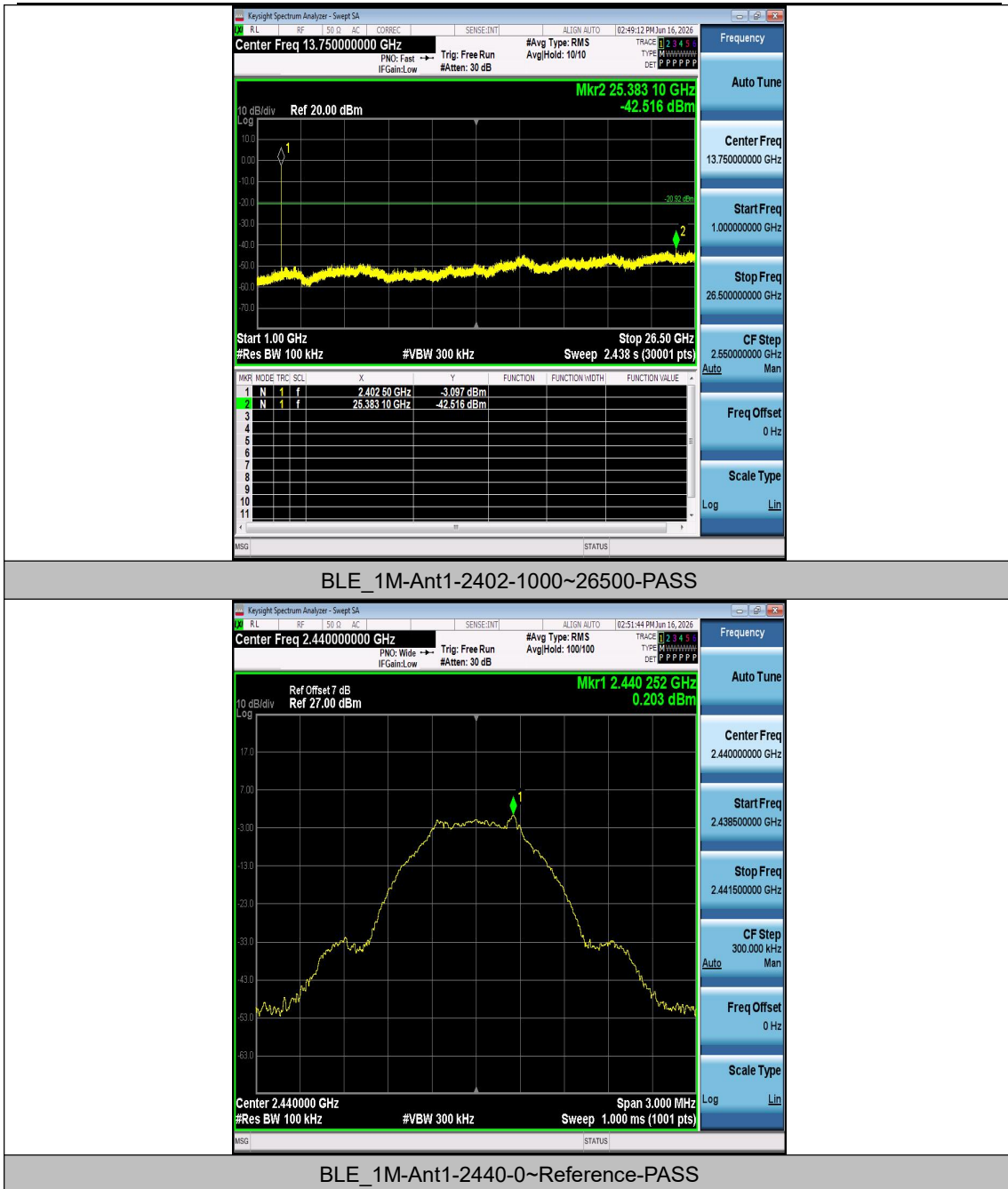
Test Graphs



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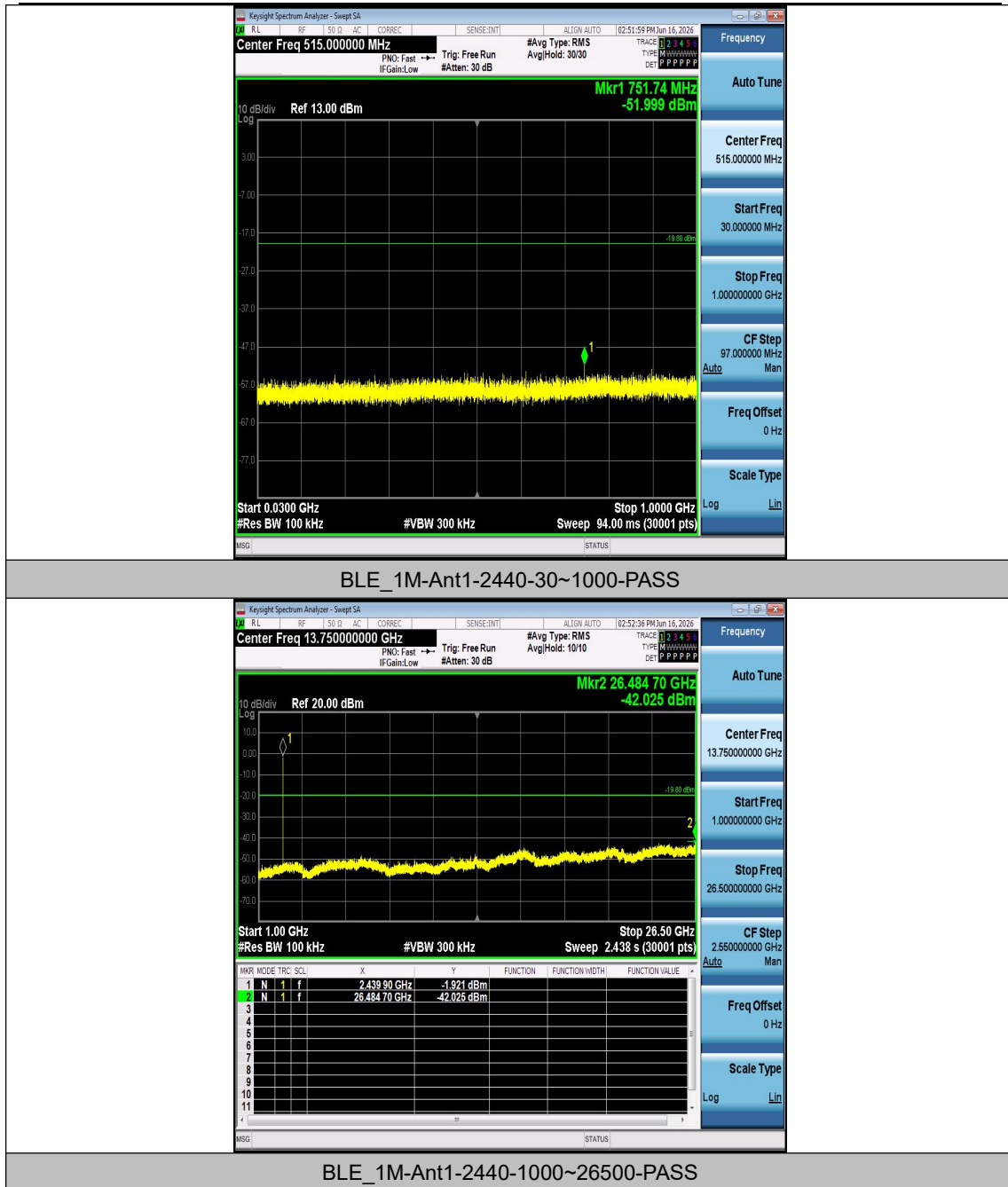
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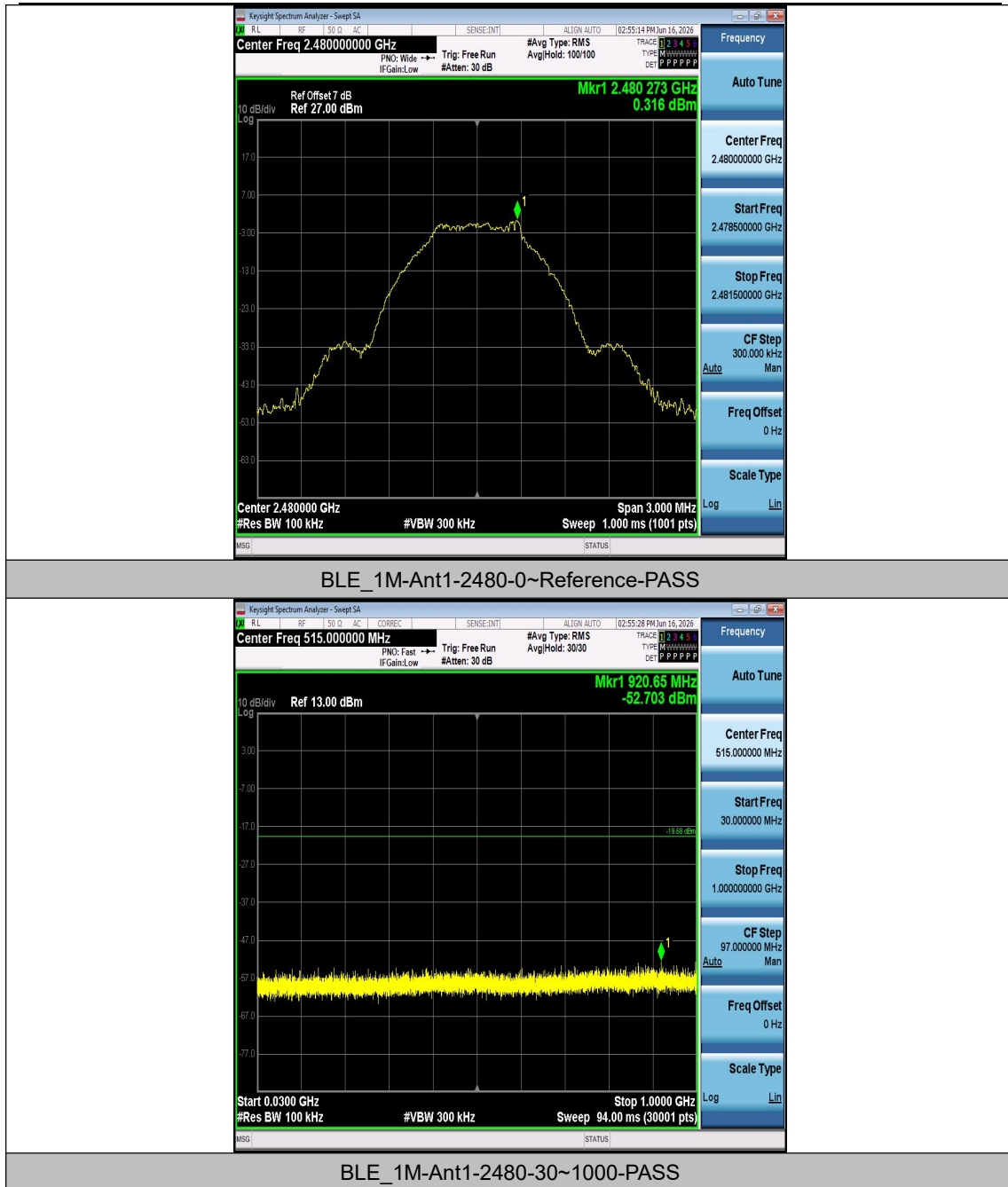
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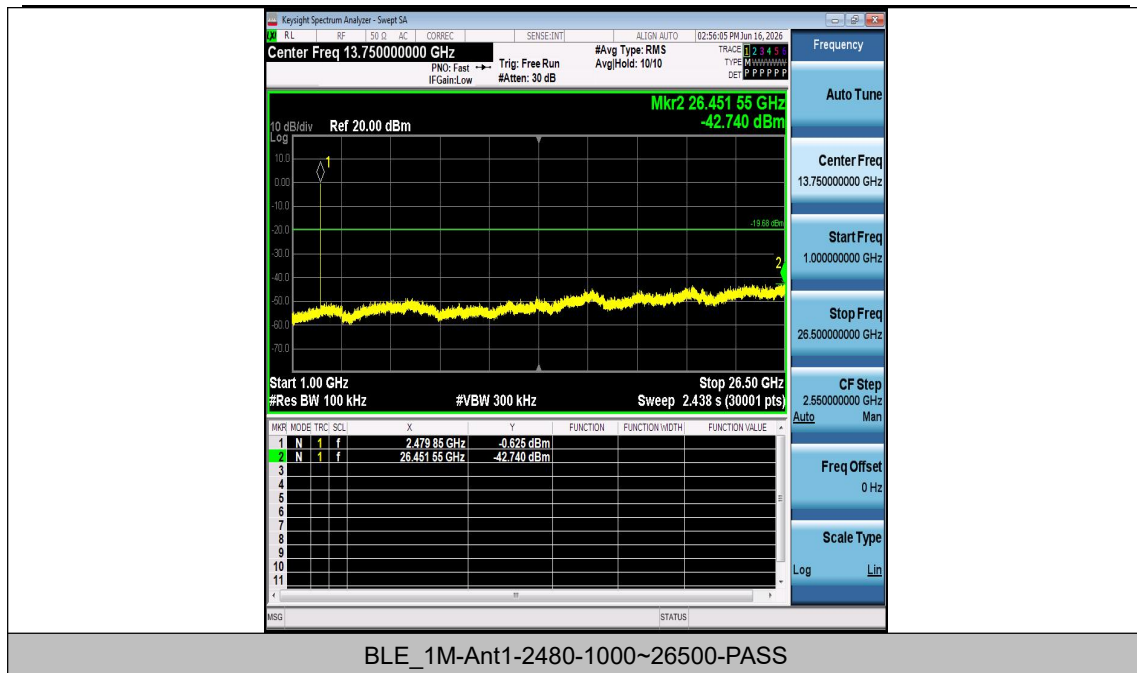
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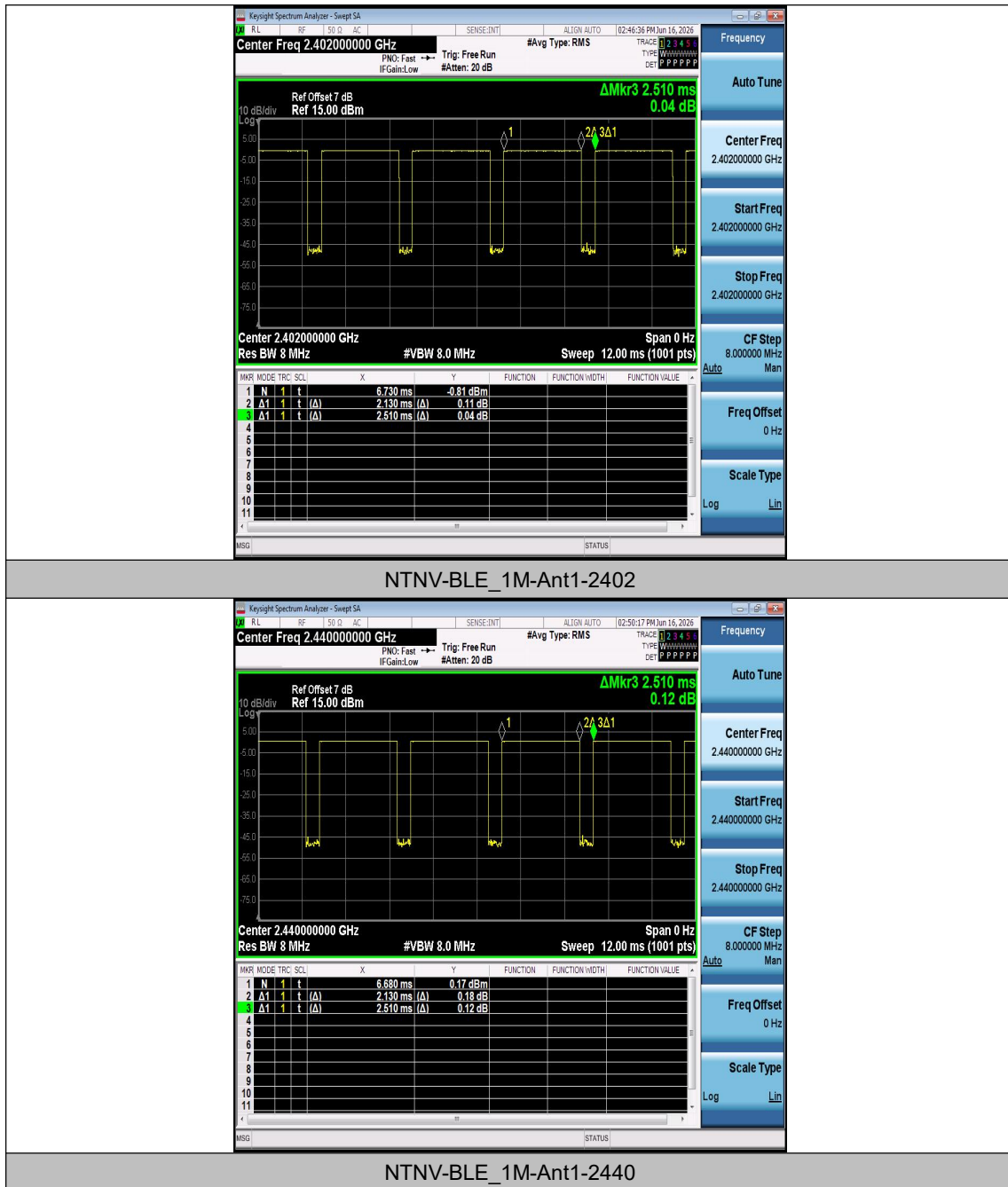
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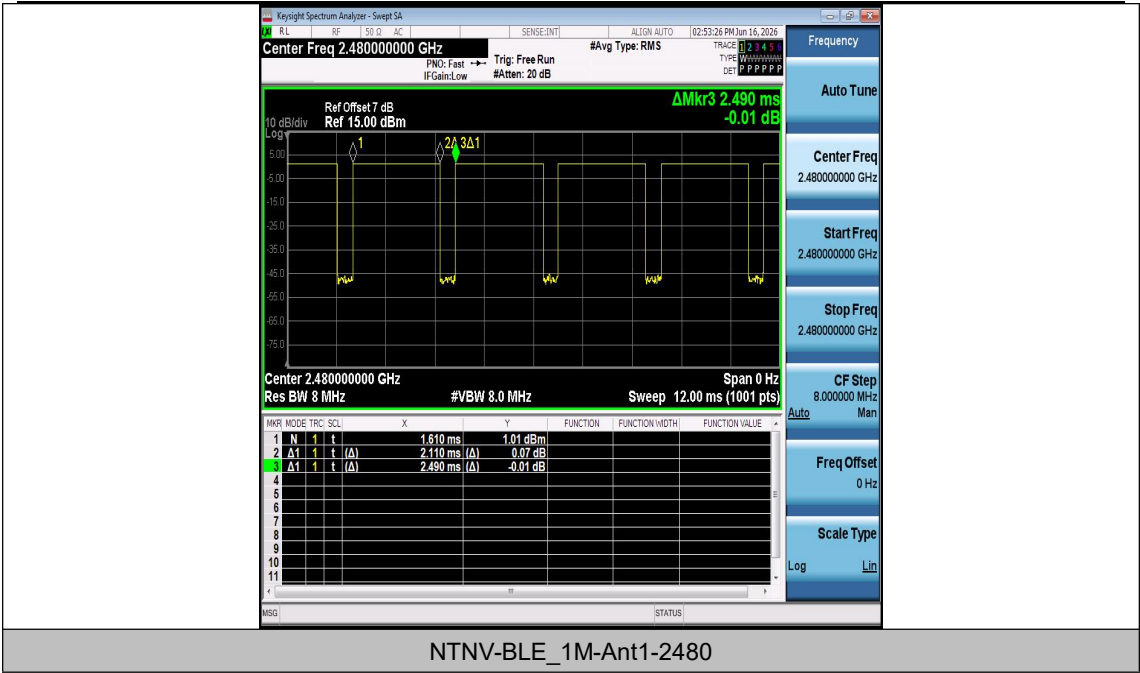
Appendix G: Duty Cycle

Test Result

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

Test Graphs





---End---