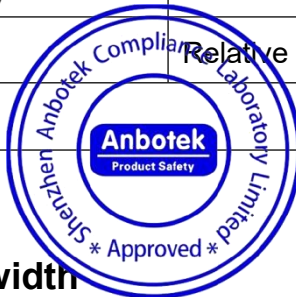


Appendix Test Data

Report No.:	1812C50531712501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-20	Finish Test Date:	2025-10-21
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	26.7°C	Relative Humidity:	60%
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	0.652	2401.680	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.644	2439.680	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.656	2479.680	2480.336	0.5	PASS

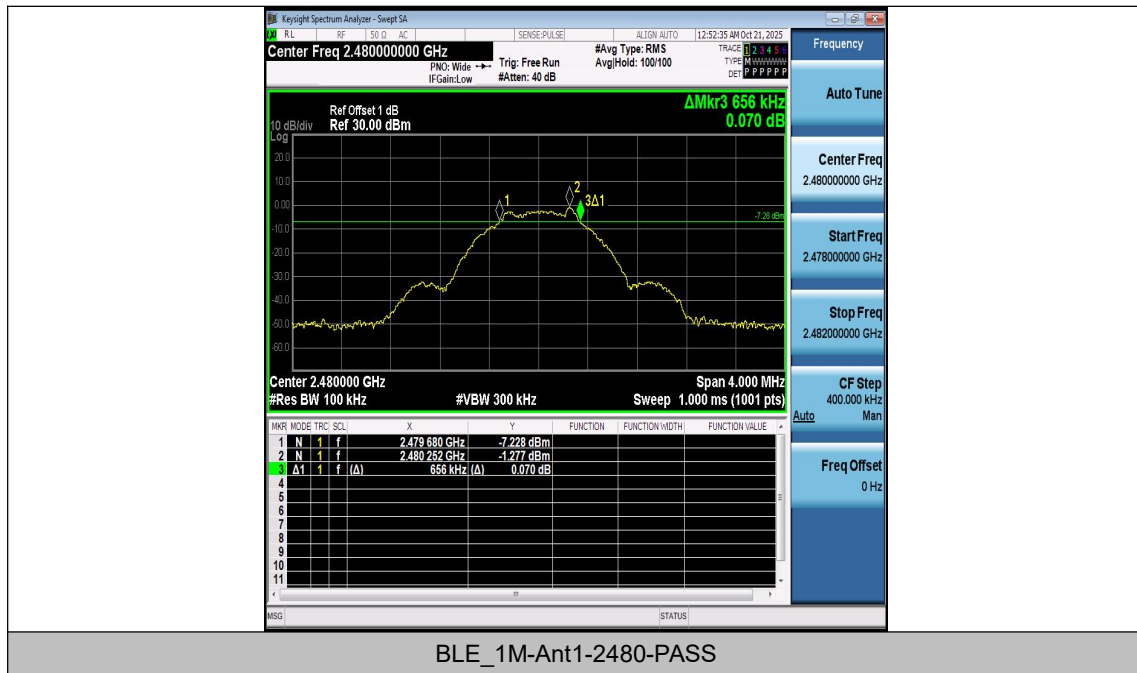
Test Graphs



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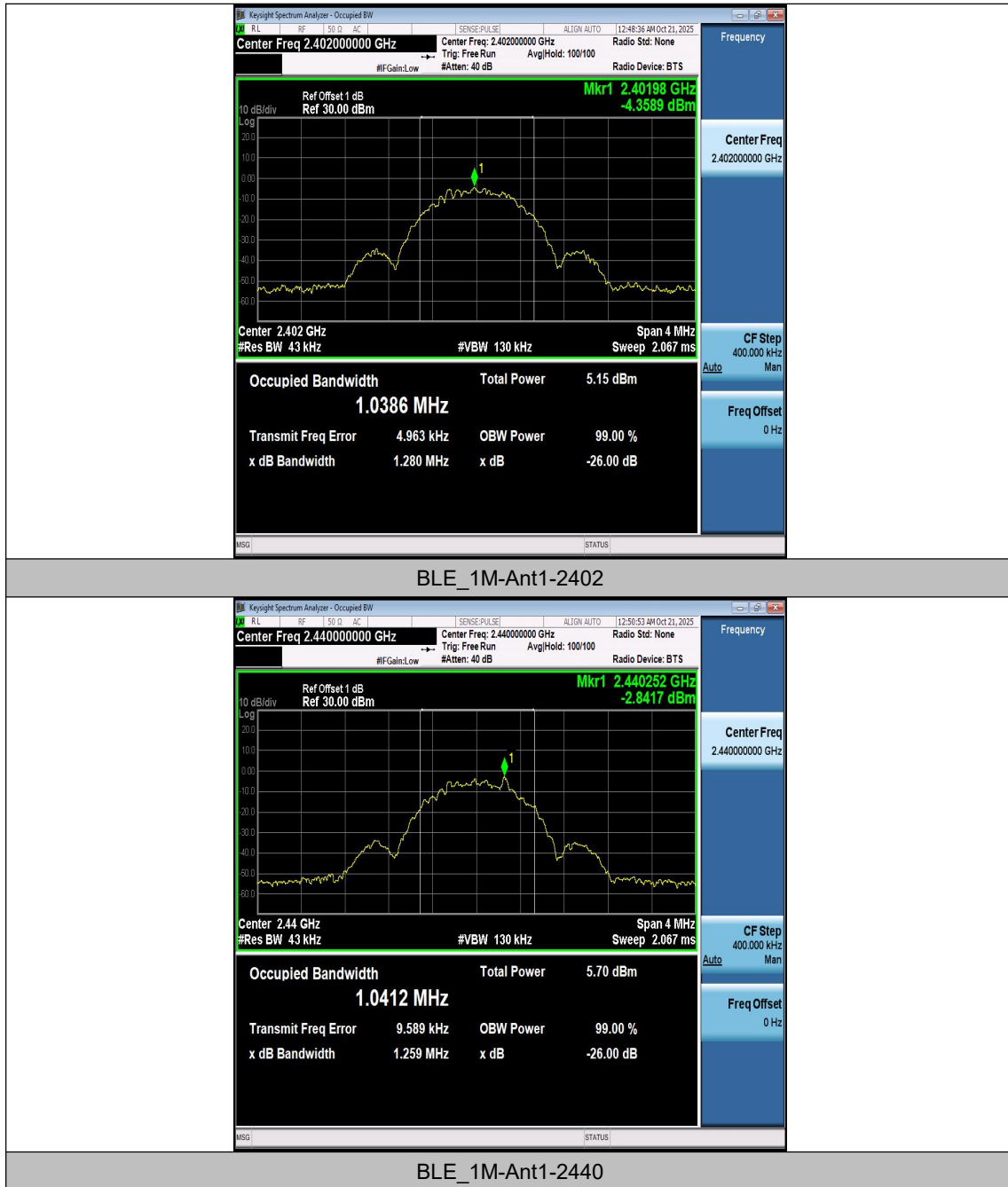
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0386	2401.4857	2402.5243	---	---
BLE_1M	Ant1	2440	1.0412	2439.4890	2440.5302	---	---
BLE_1M	Ant1	2480	1.0379	2479.4871	2480.5250	---	---

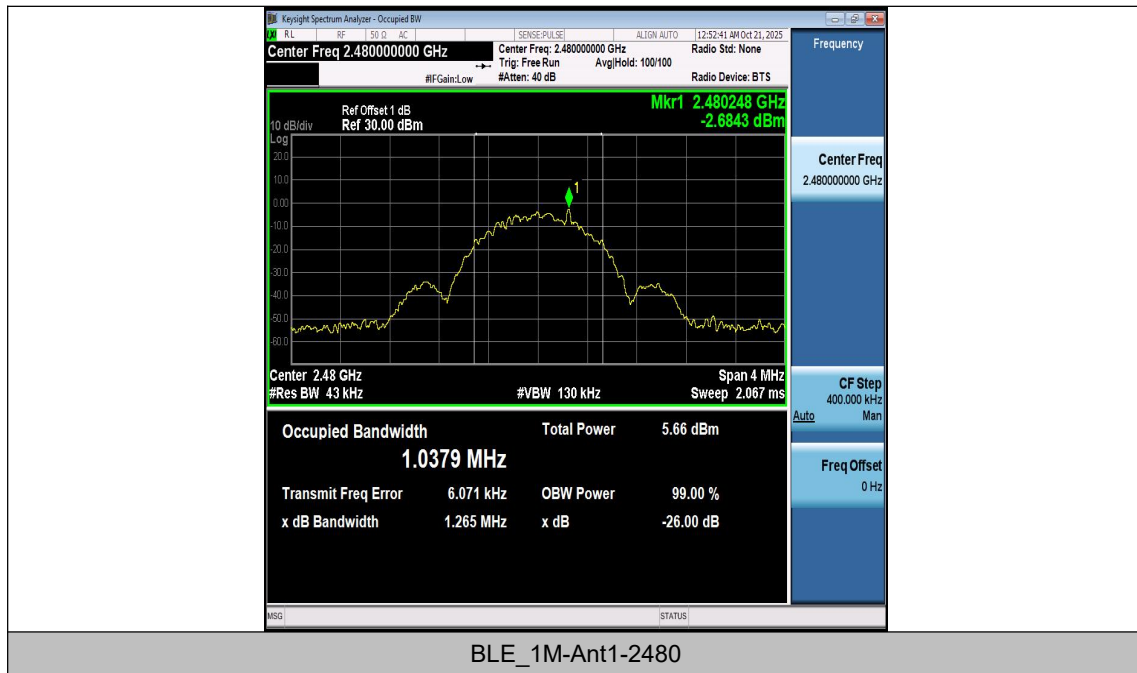
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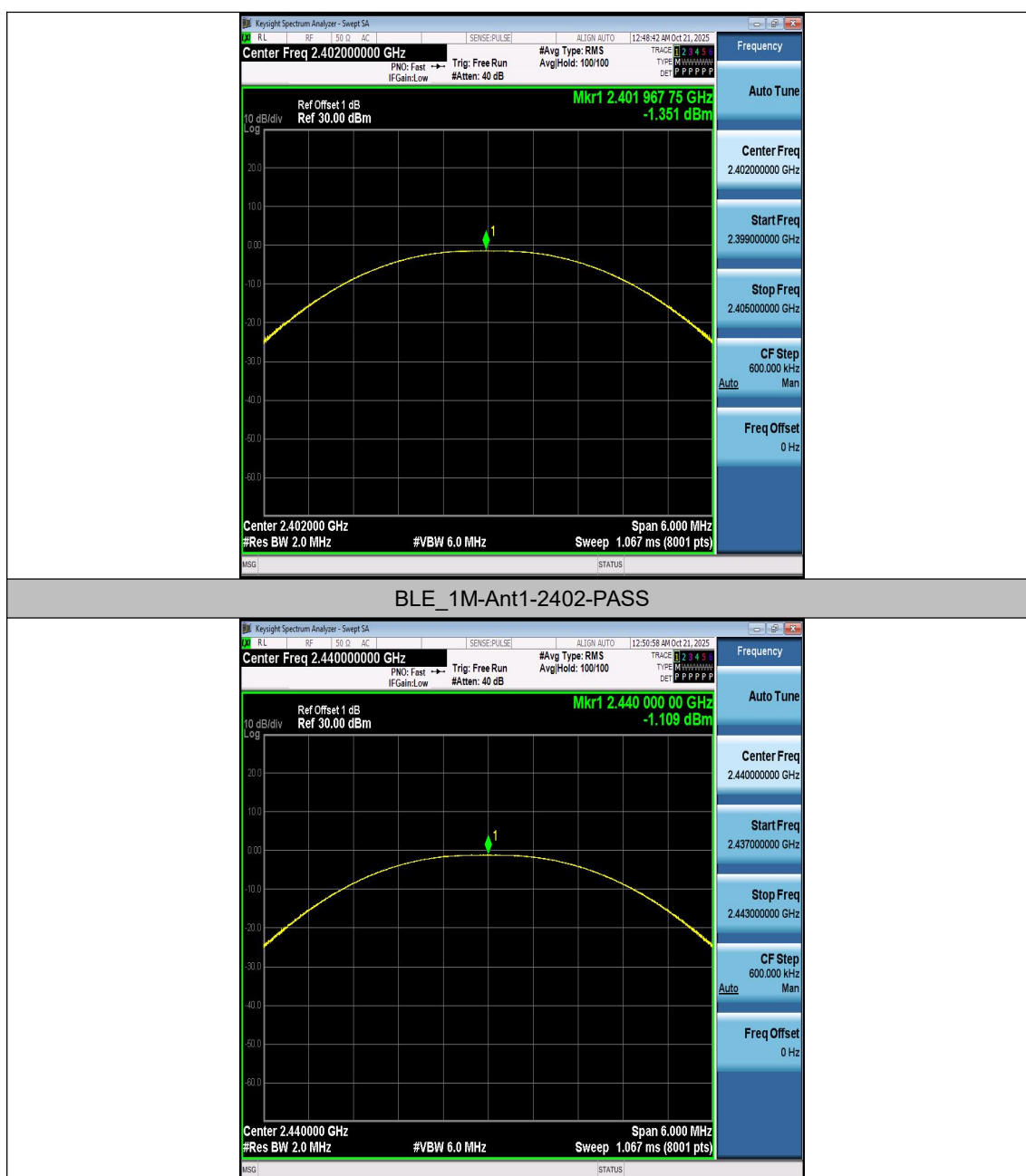
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.35	≤30	PASS
BLE_1M	Ant1	2440	-1.11	≤30	PASS
BLE_1M	Ant1	2480	-0.96	≤30	PASS

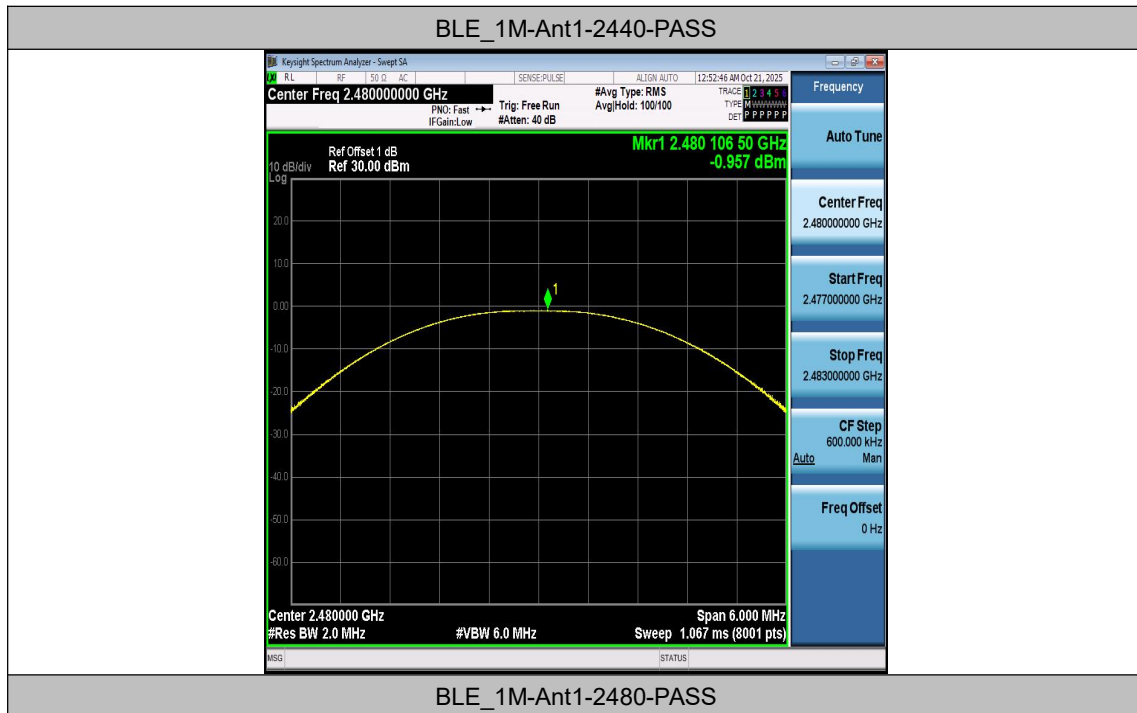
Test Graphs Peak



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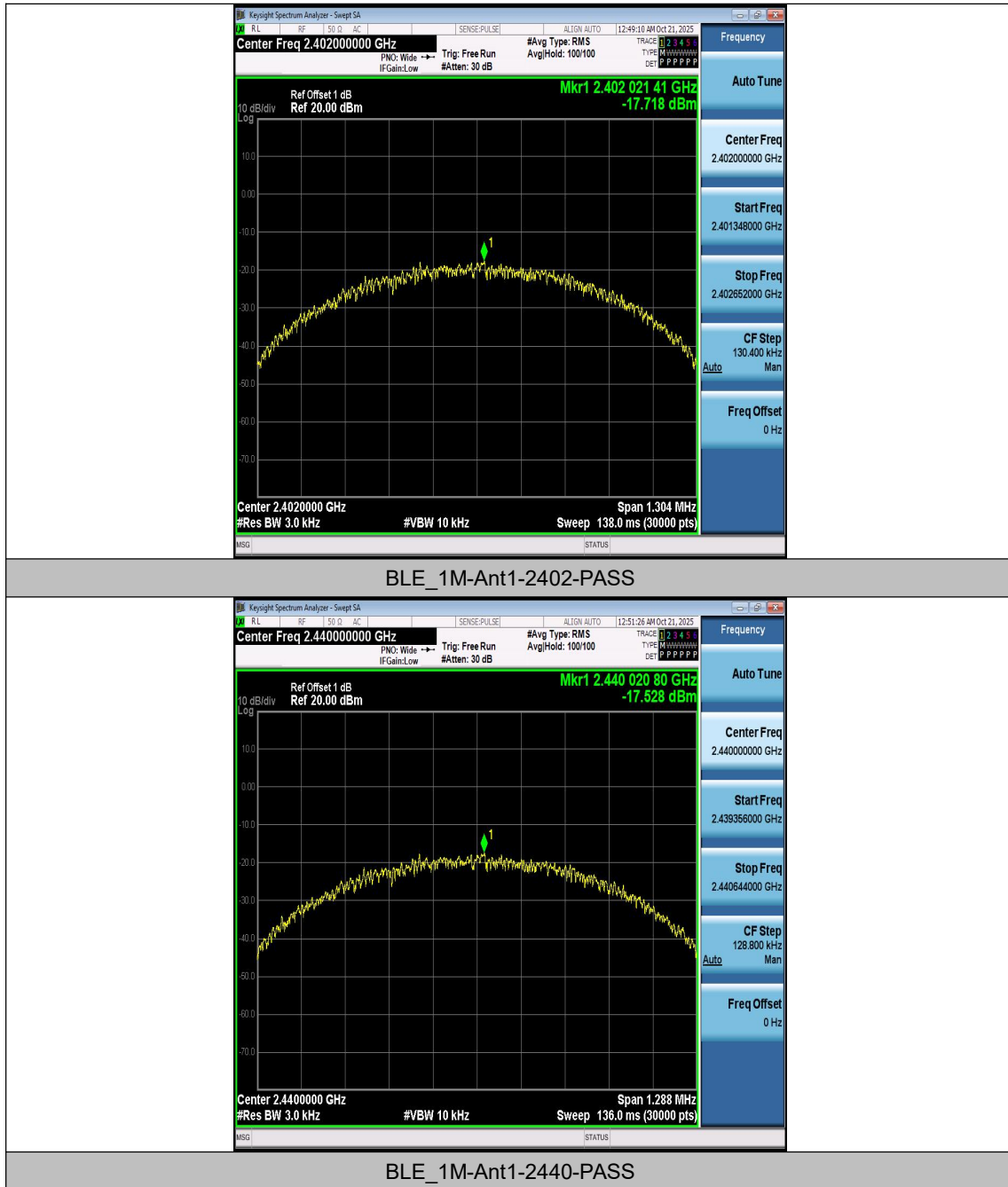
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.72	≤8.00	PASS
BLE_1M	Ant1	2440	-17.53	≤8.00	PASS
BLE_1M	Ant1	2480	-17.33	≤8.00	PASS

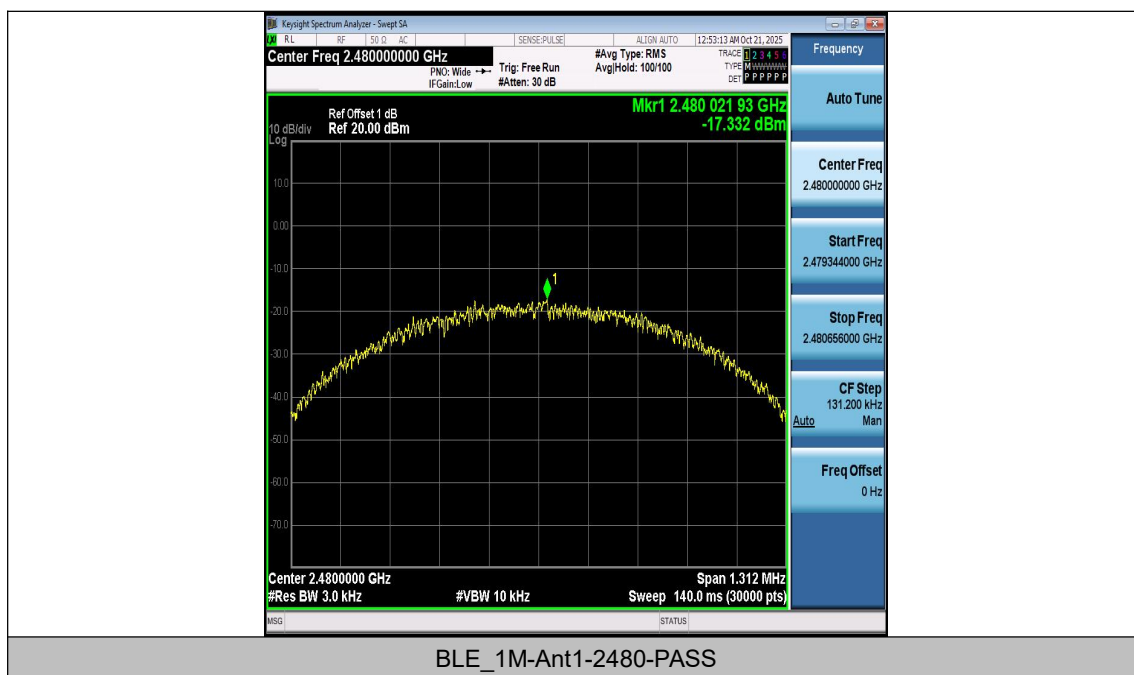
Test Graphs



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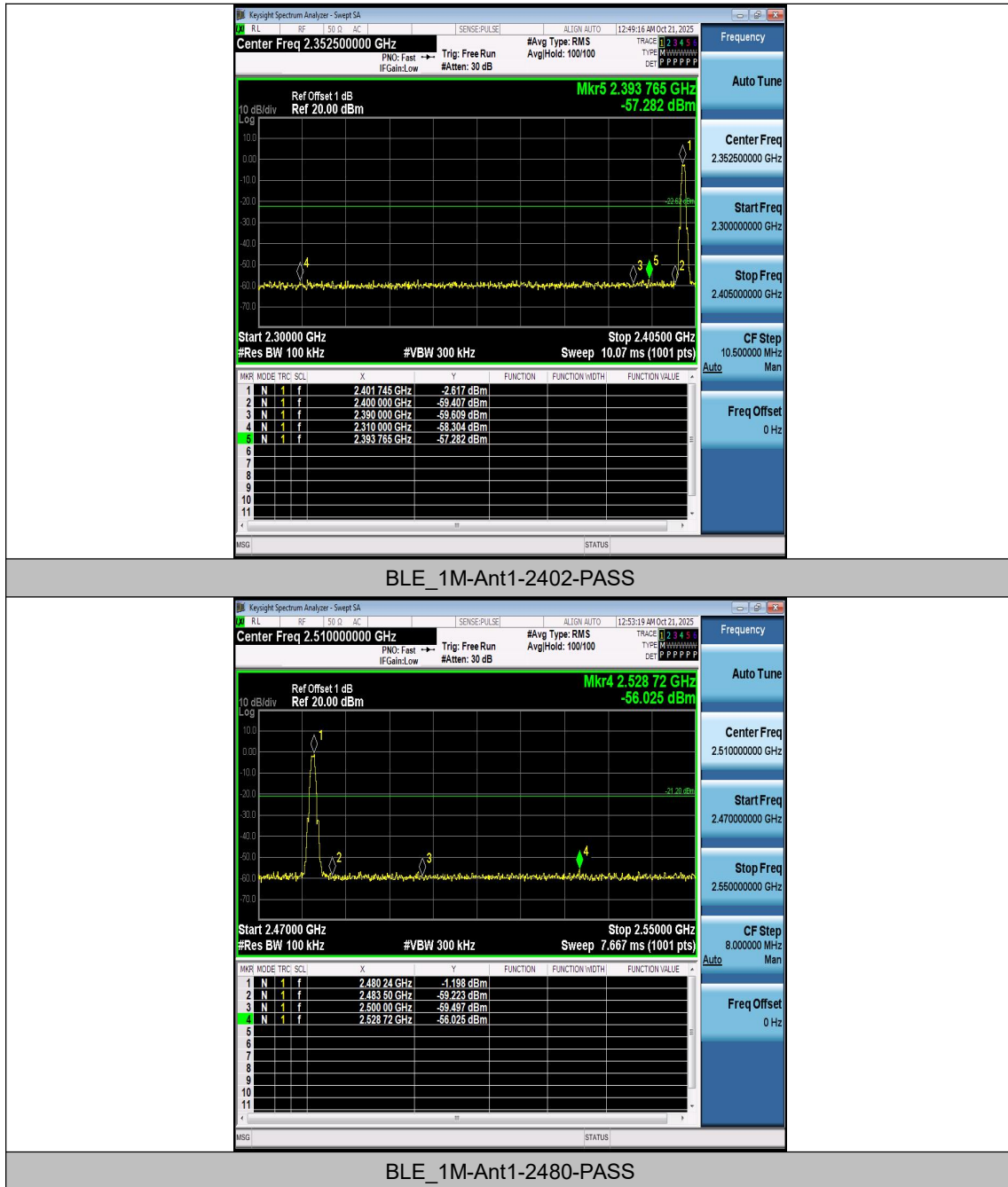
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.62	-57.28	≤-22.62	PASS
BLE_1M	Ant1	High	2480	-1.20	-56.03	≤-21.2	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



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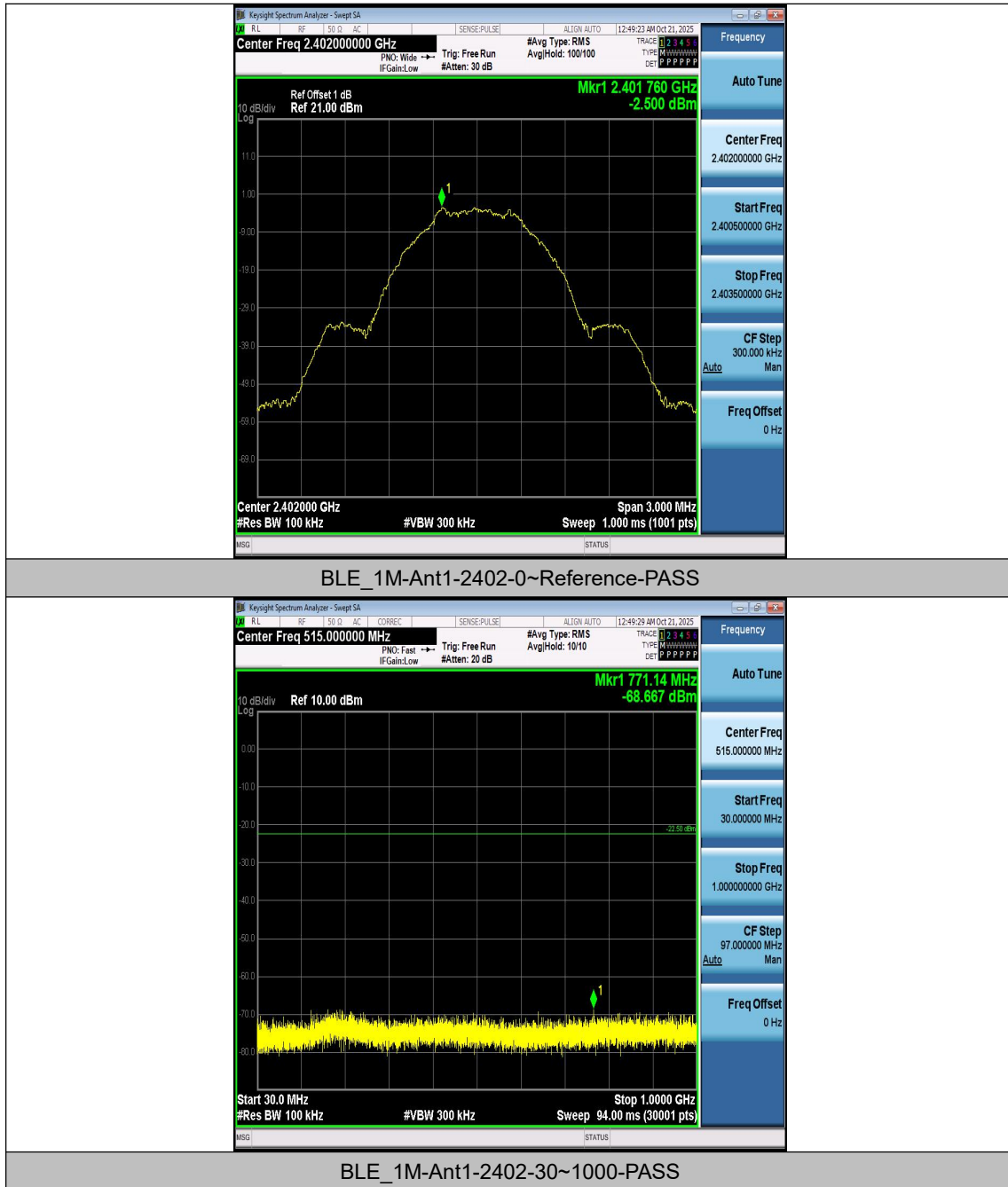
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.50	-2.50	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.50	-68.67	≤-22.5	PASS
BLE_1M	Ant1	2402	1000~26500	-2.50	-53.61	≤-22.5	PASS
BLE_1M	Ant1	2440	0~Reference	-1.49	-1.49	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.49	-68.3	≤-21.49	PASS
BLE_1M	Ant1	2440	1000~26500	-1.49	-53.91	≤-21.49	PASS
BLE_1M	Ant1	2480	0~Reference	-2.13	-2.13	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.13	-68.13	≤-22.13	PASS
BLE_1M	Ant1	2480	1000~26500	-2.13	-53.67	≤-22.13	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.

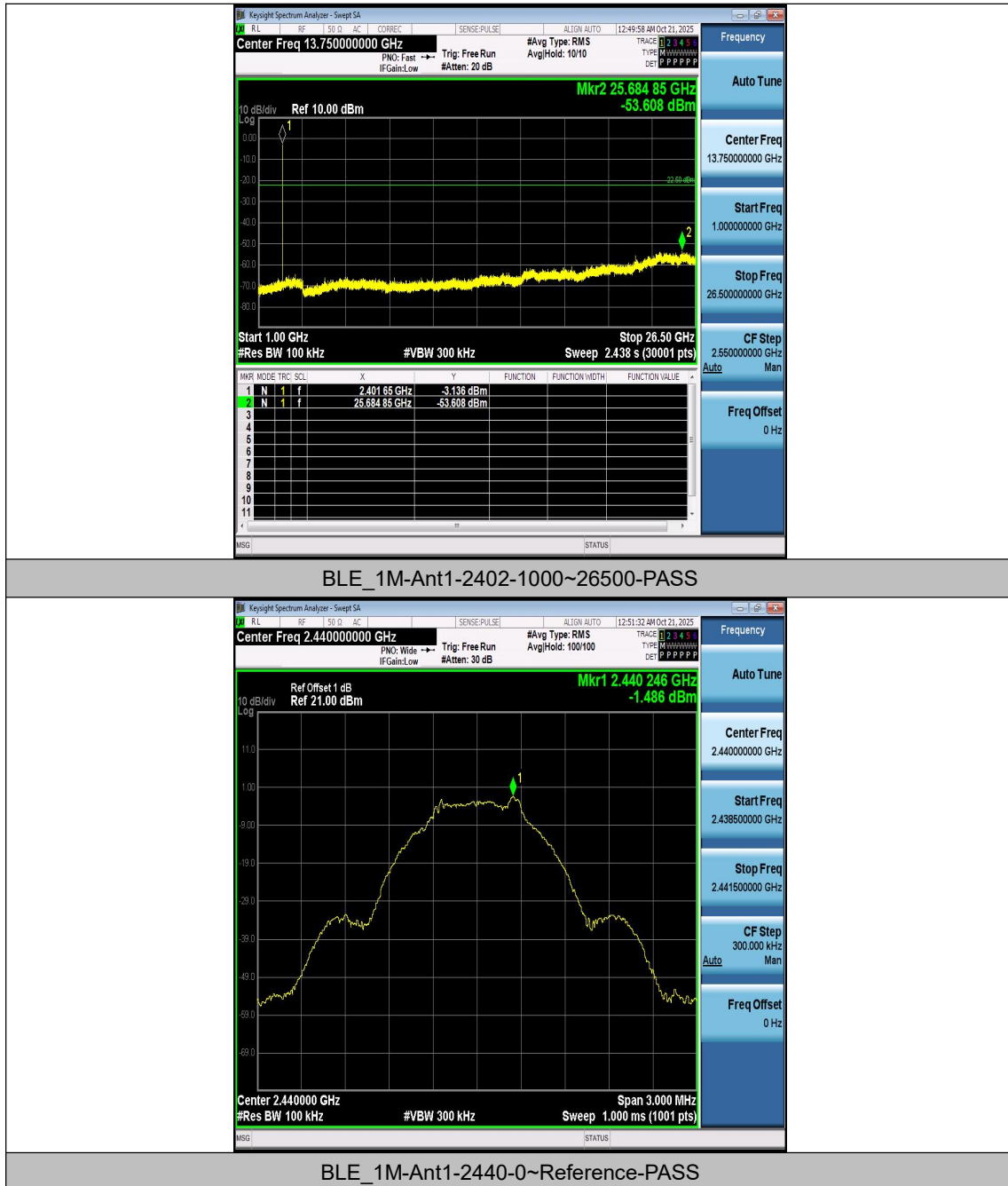
Test Graphs



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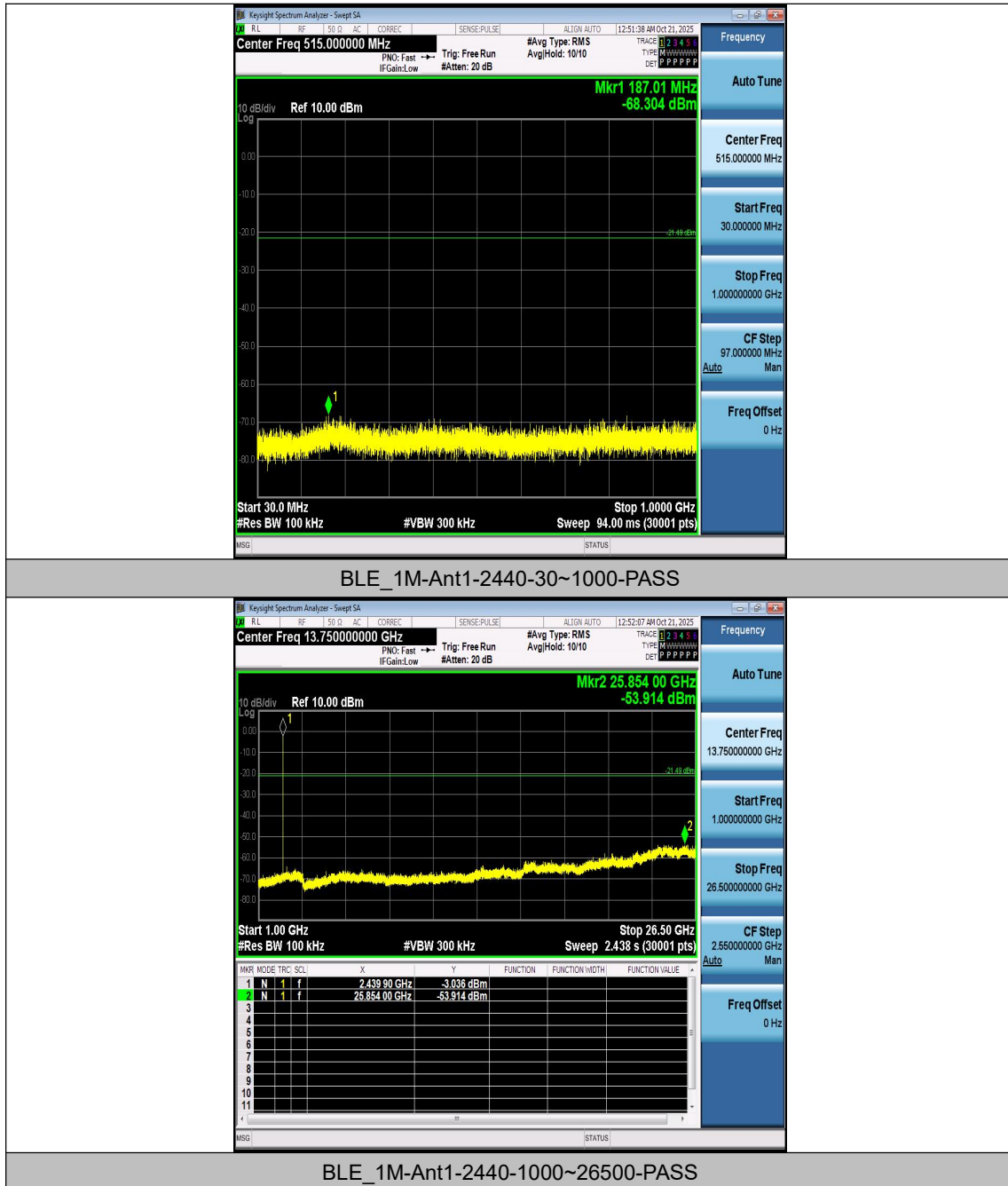
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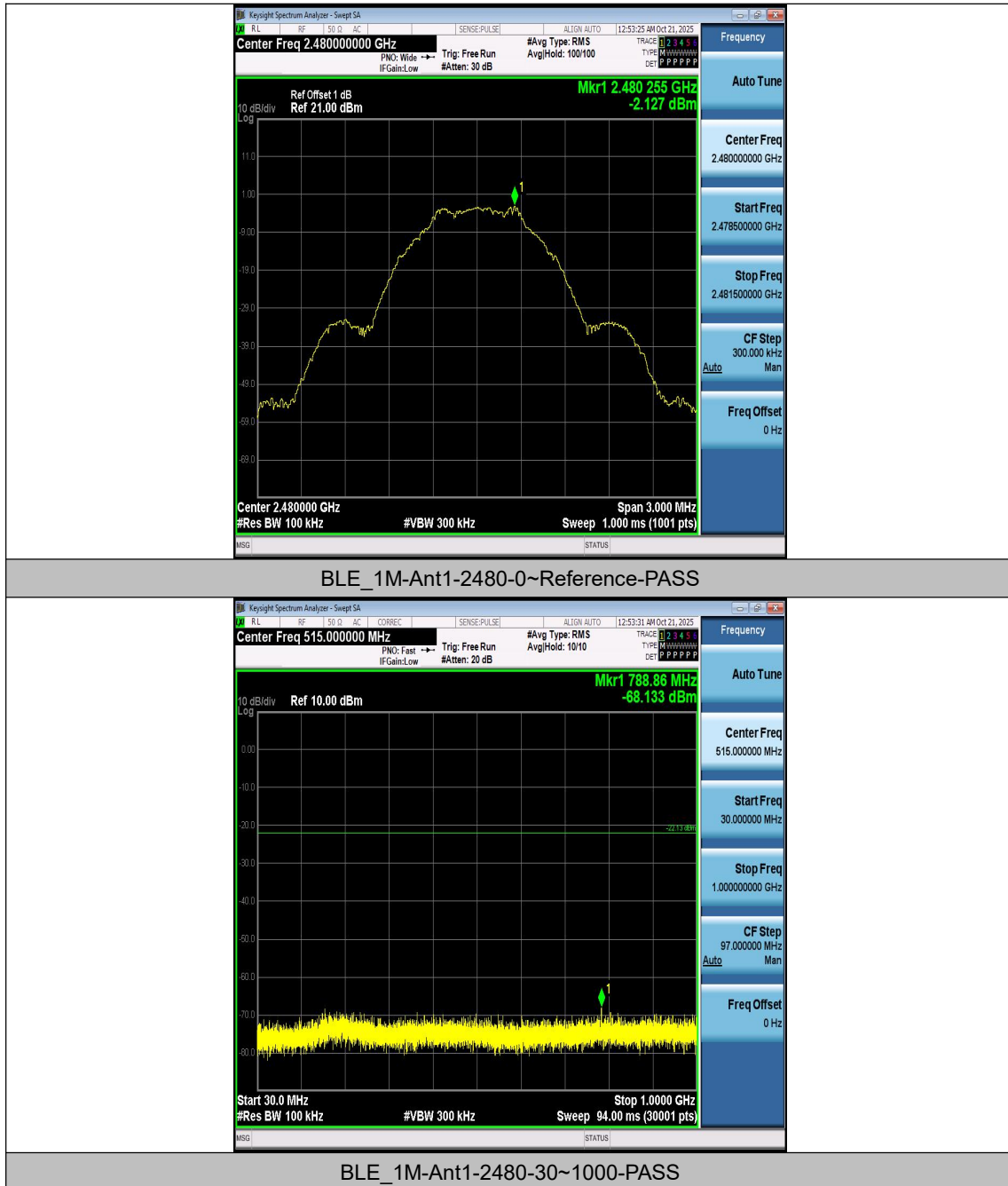
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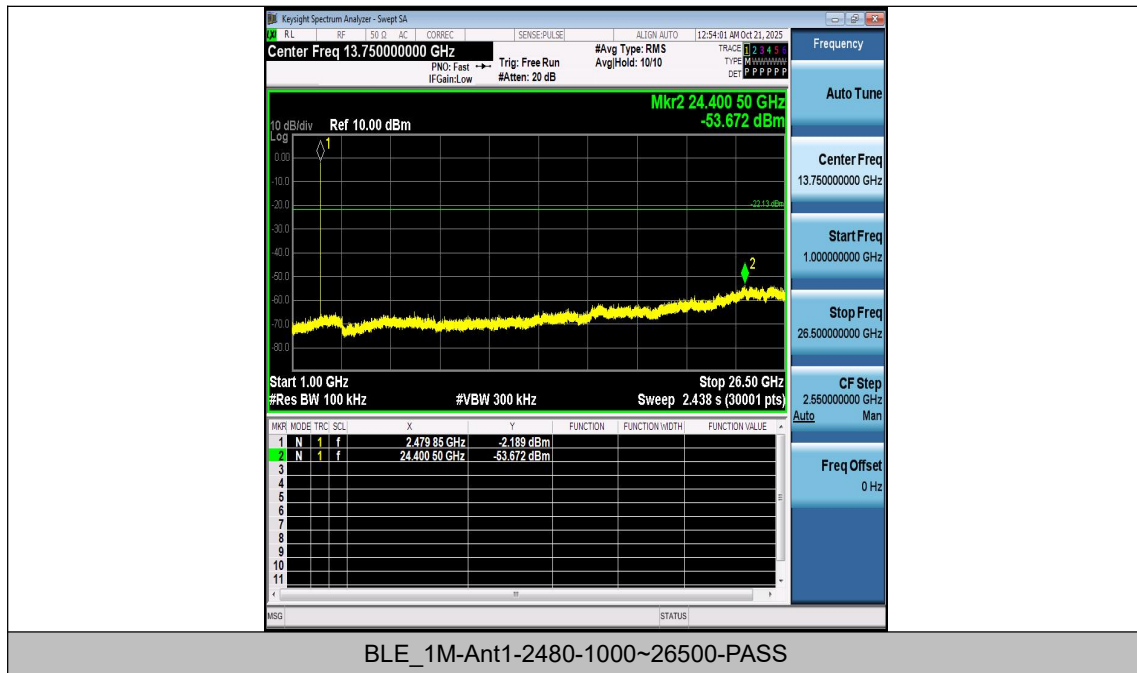
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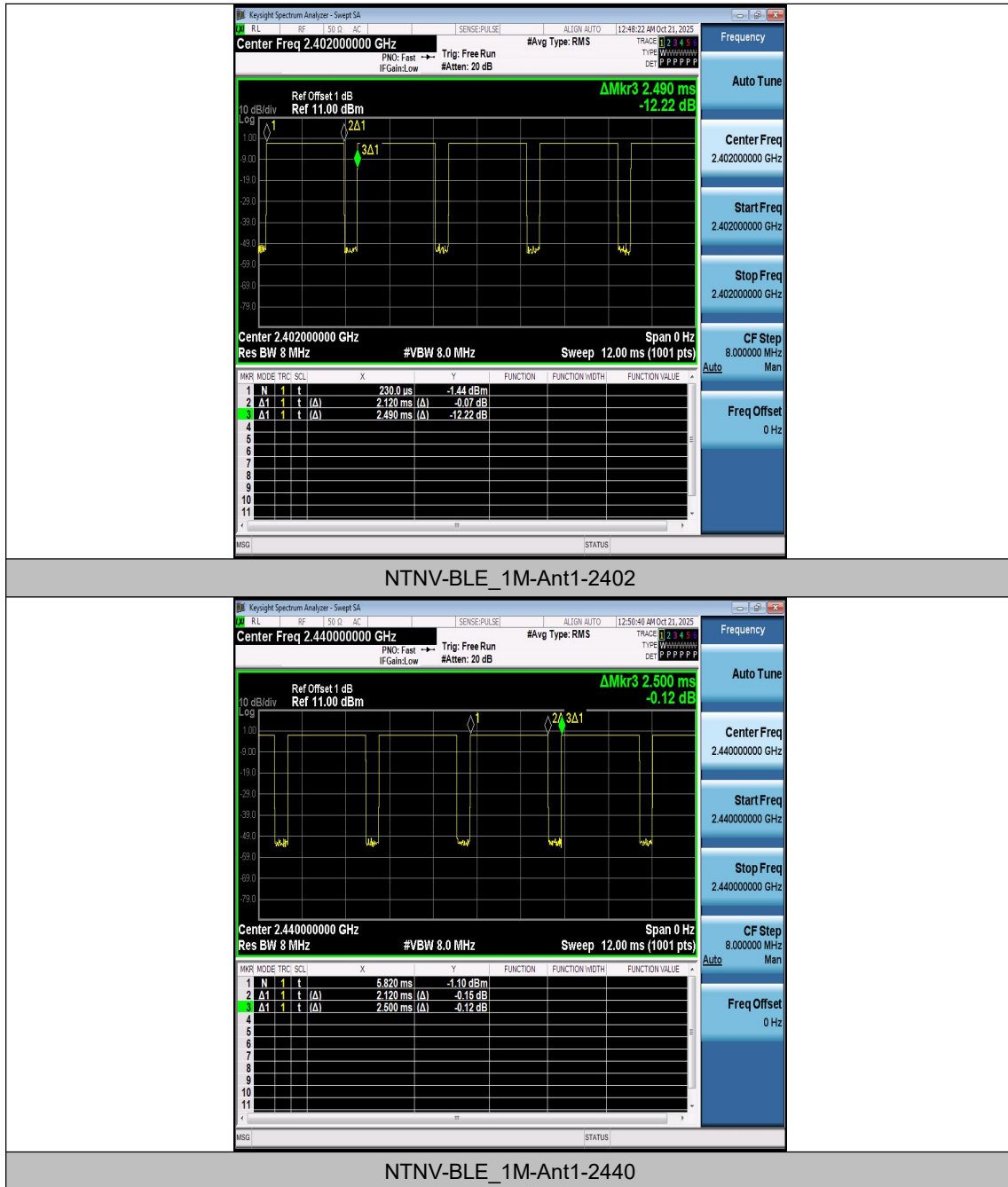
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.49	85.14	0.70
BLE_1M	Ant1	2440	2.12	2.50	84.80	0.72
BLE_1M	Ant1	2480	2.12	2.49	85.14	0.70

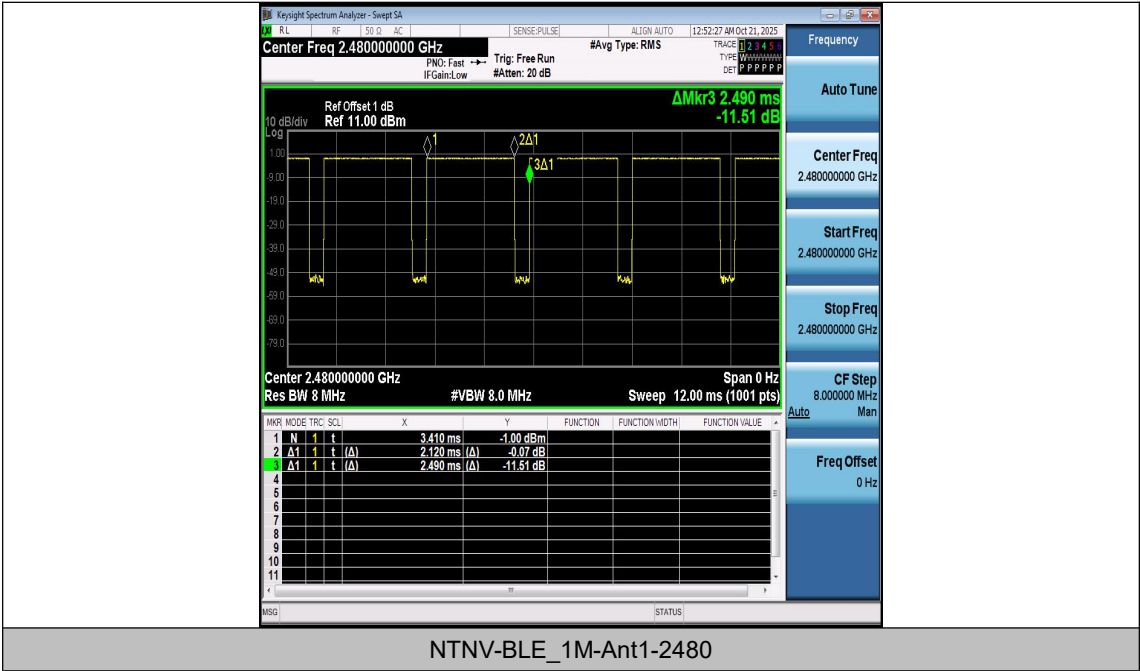
Test Graphs



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---End---