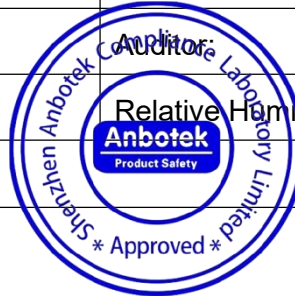


Appendix Test Data

Report No.:	1812C50528512501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-20	Finish Test Date:	2025-10-21
Test Engineer:	Alex Peng	Auditor:	Justin Feng
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	2401.684	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.684	2439.664	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.652	2480.352	0.5	PASS

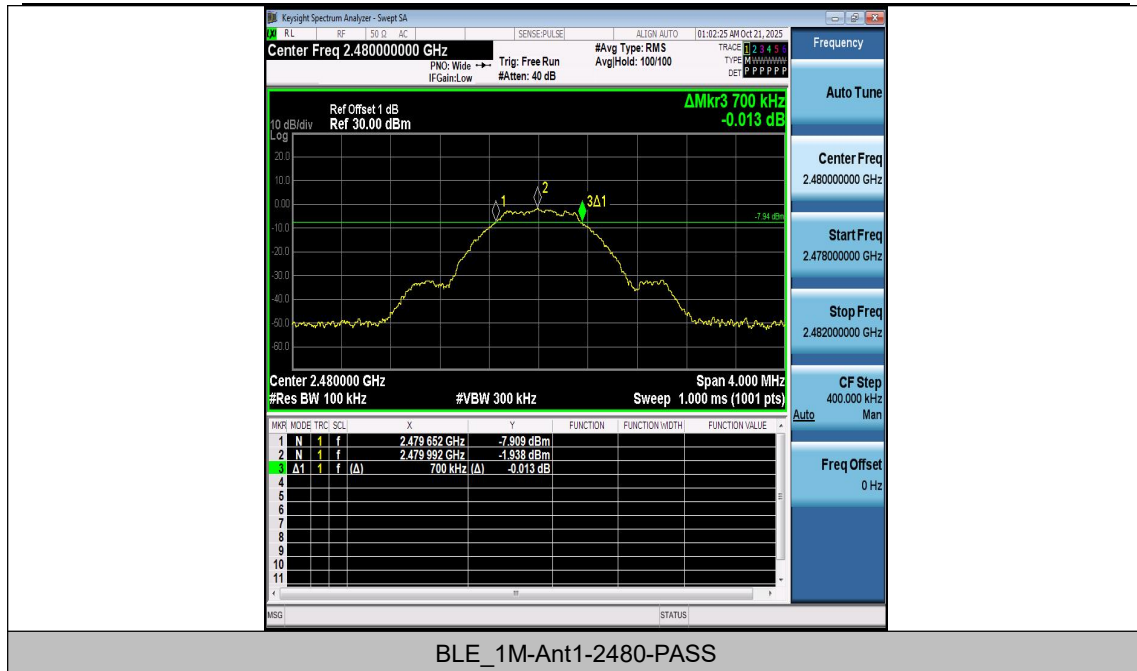
Test Graphs



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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	1.0356	2401.4869	2402.5225	---	---
BLE_1M	Ant1	2440	1.0401	2439.4897	2440.5298	---	---
BLE_1M	Ant1	2480	1.0394	2479.4879	2480.5273	---	---

Test Graphs



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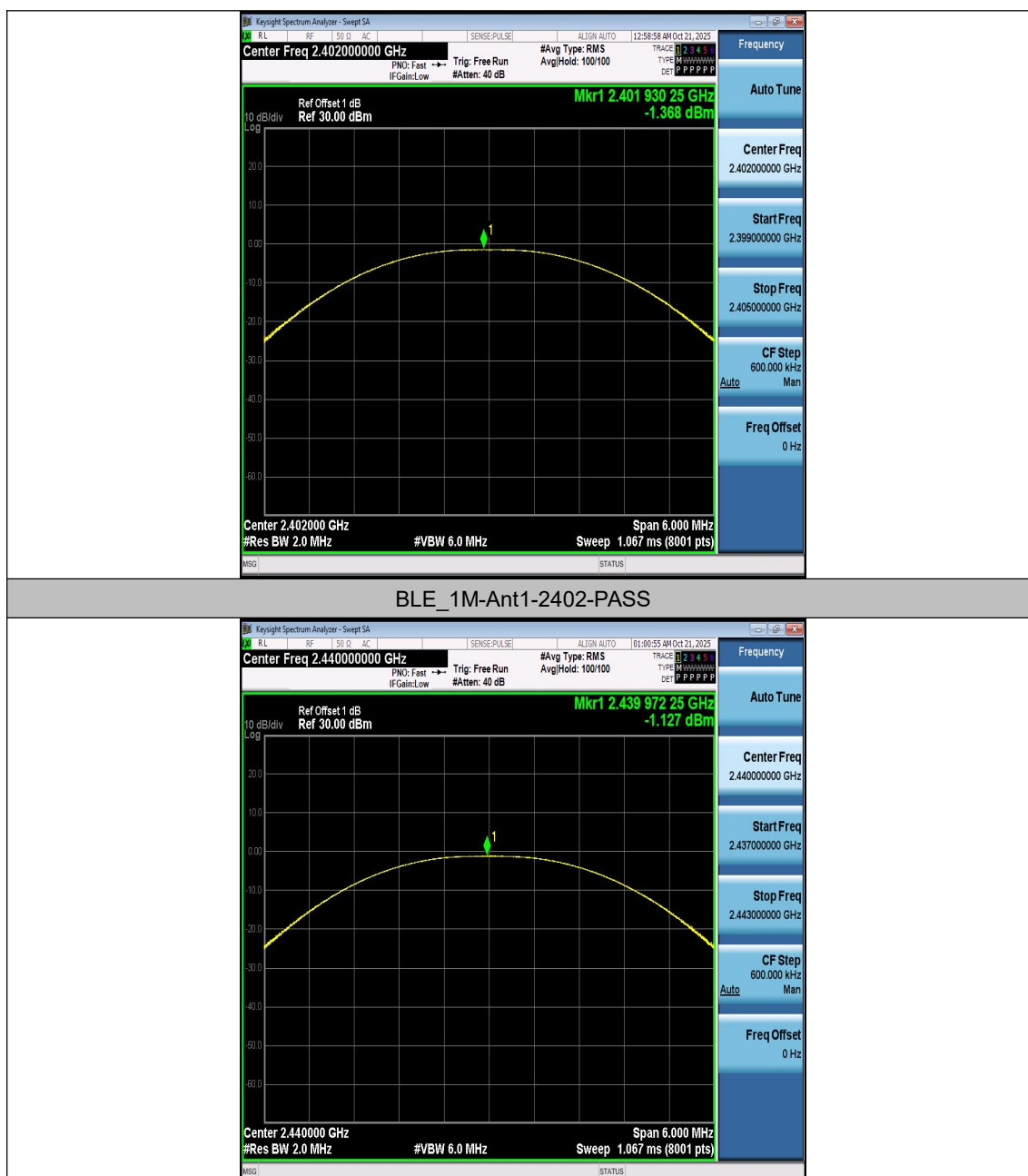
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.37	≤30	PASS
BLE_1M	Ant1	2440	-1.13	≤30	PASS
BLE_1M	Ant1	2480	-0.91	≤30	PASS

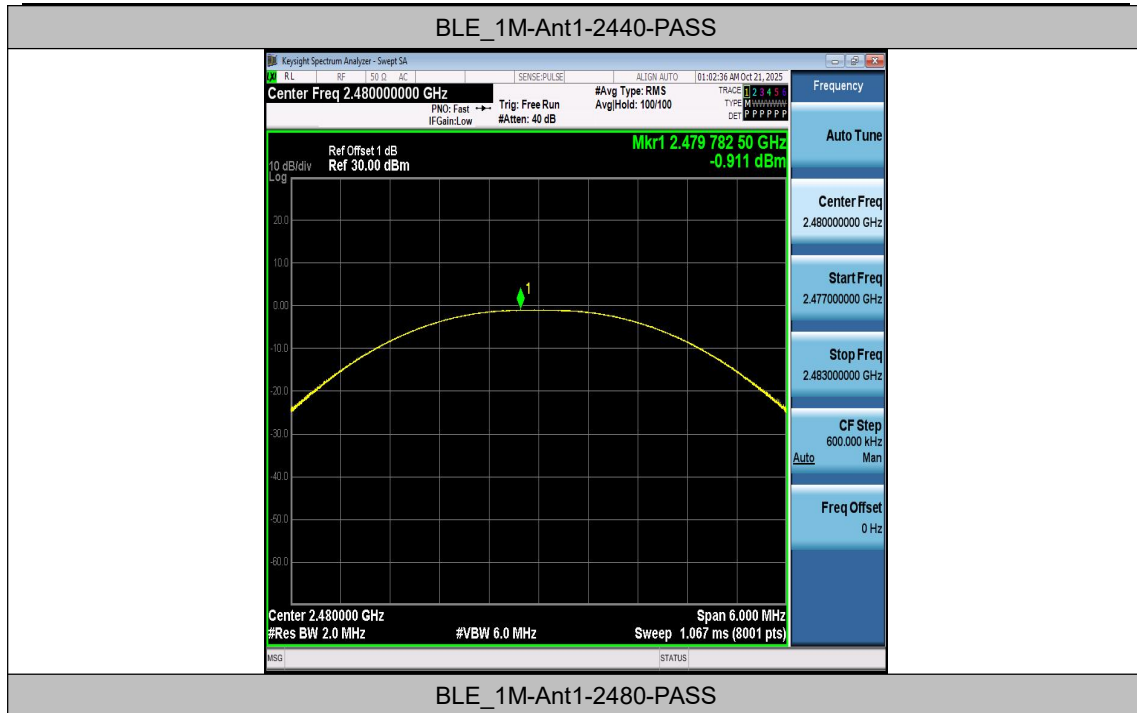
Test Graphs Peak



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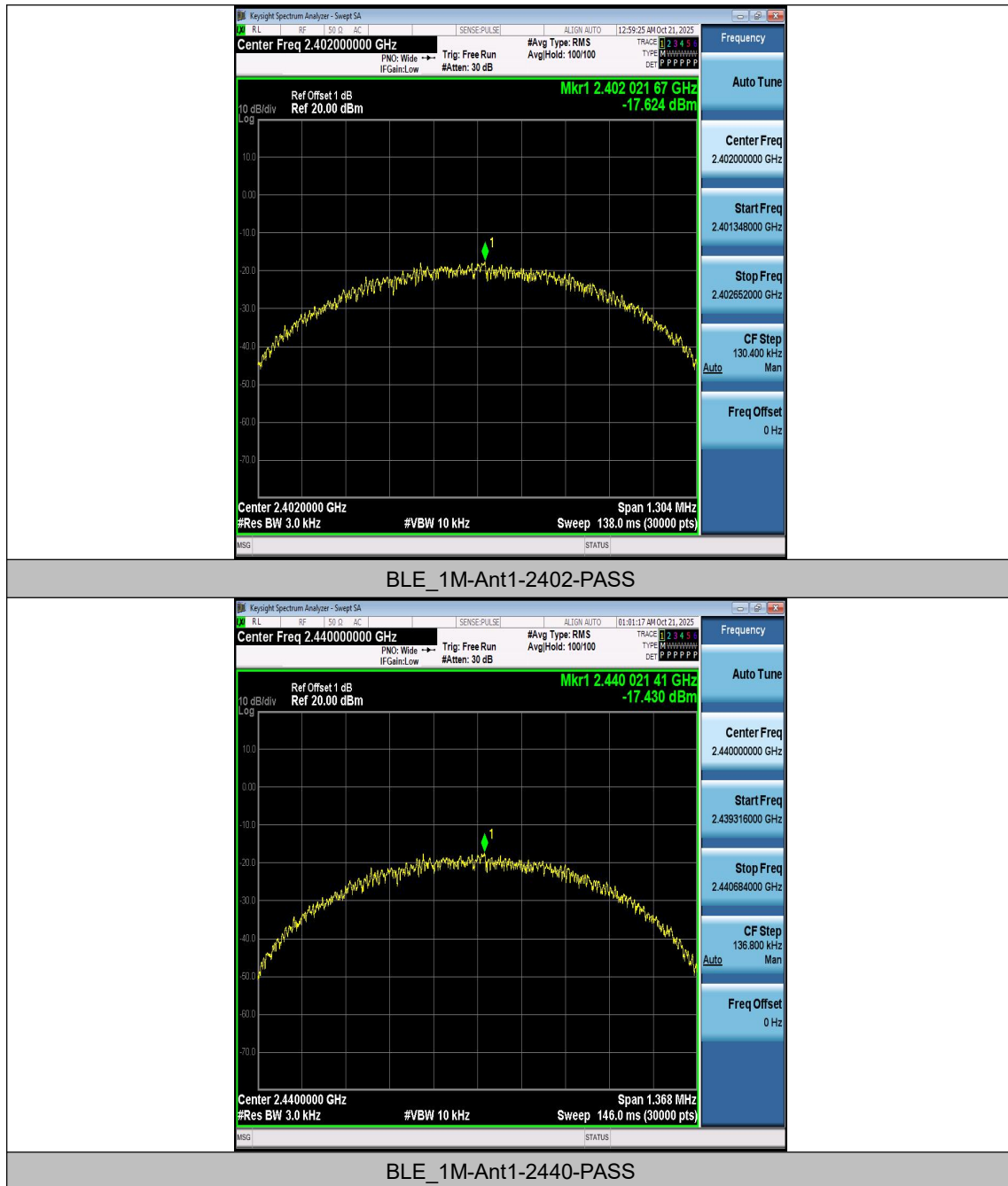
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.62	≤8.00	PASS
BLE_1M	Ant1	2440	-17.43	≤8.00	PASS
BLE_1M	Ant1	2480	-17.21	≤8.00	PASS

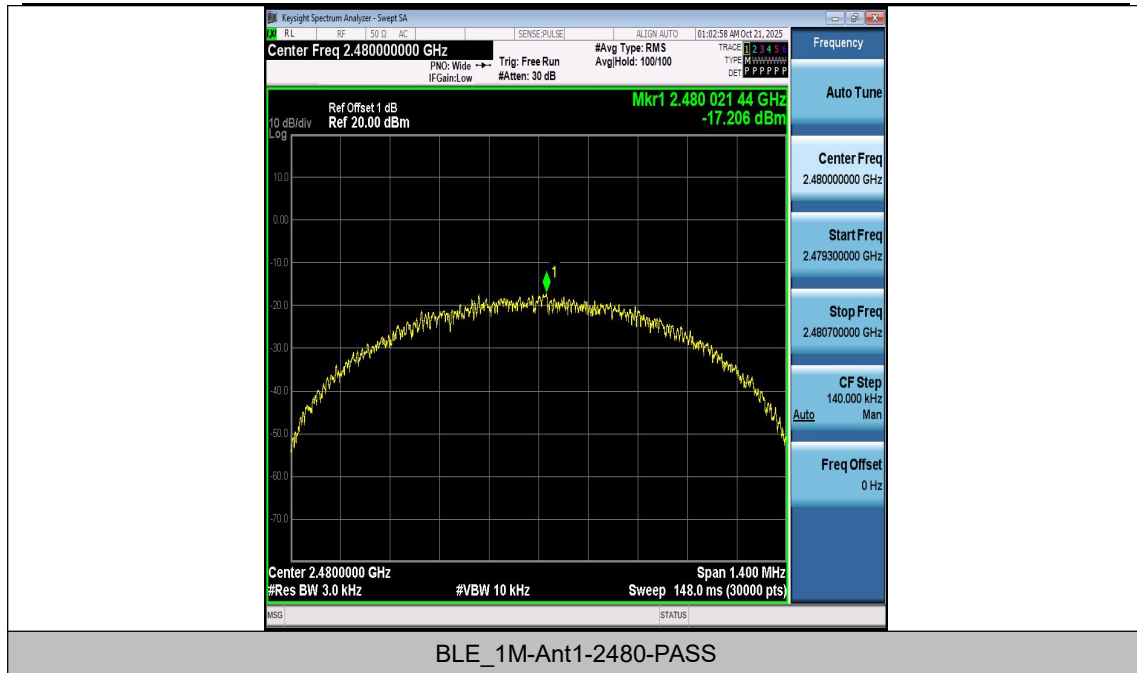
Test Graphs



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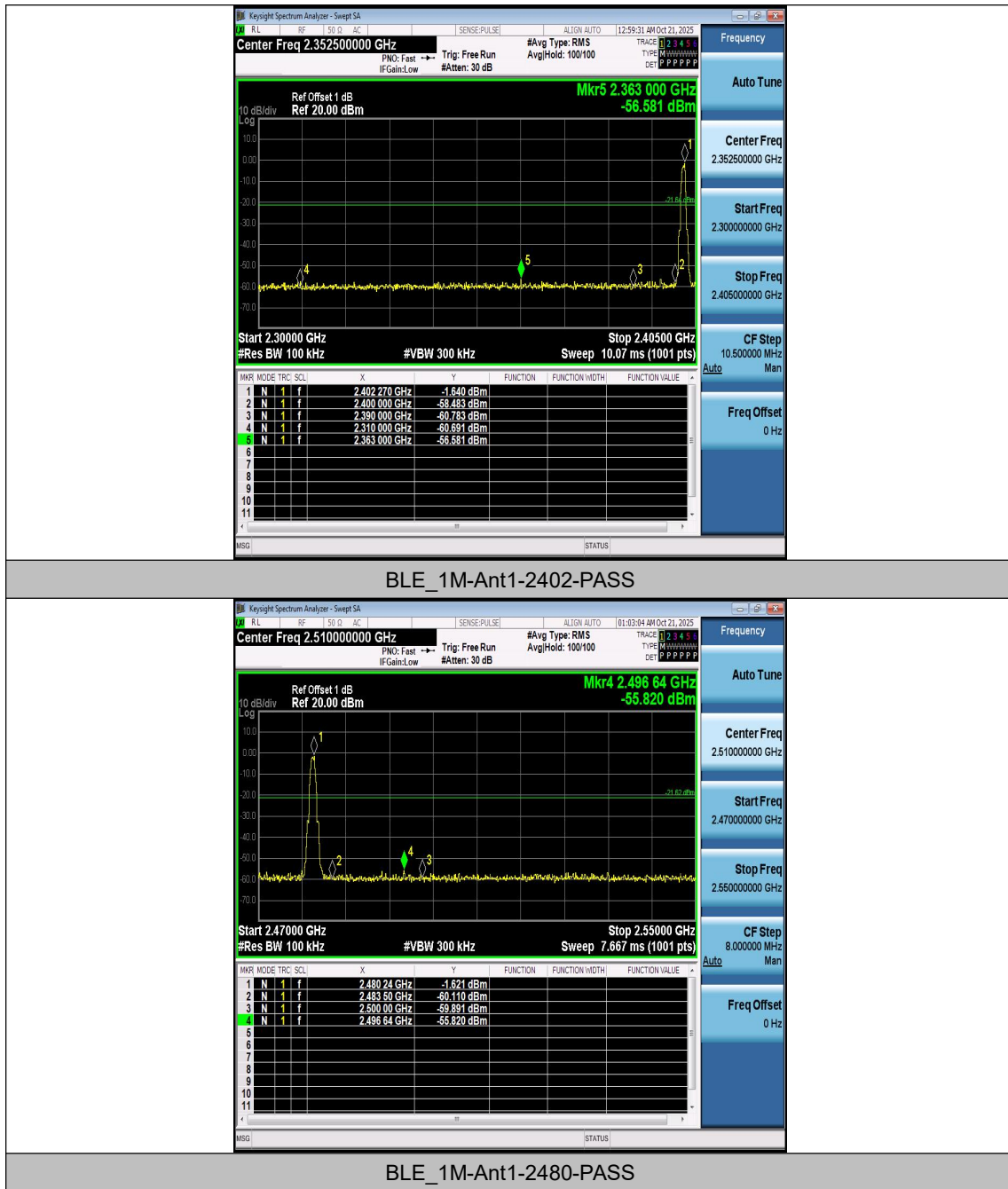
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.64	-56.58	≤-21.64	PASS
BLE_1M	Ant1	High	2480	-1.62	-55.82	≤-21.62	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



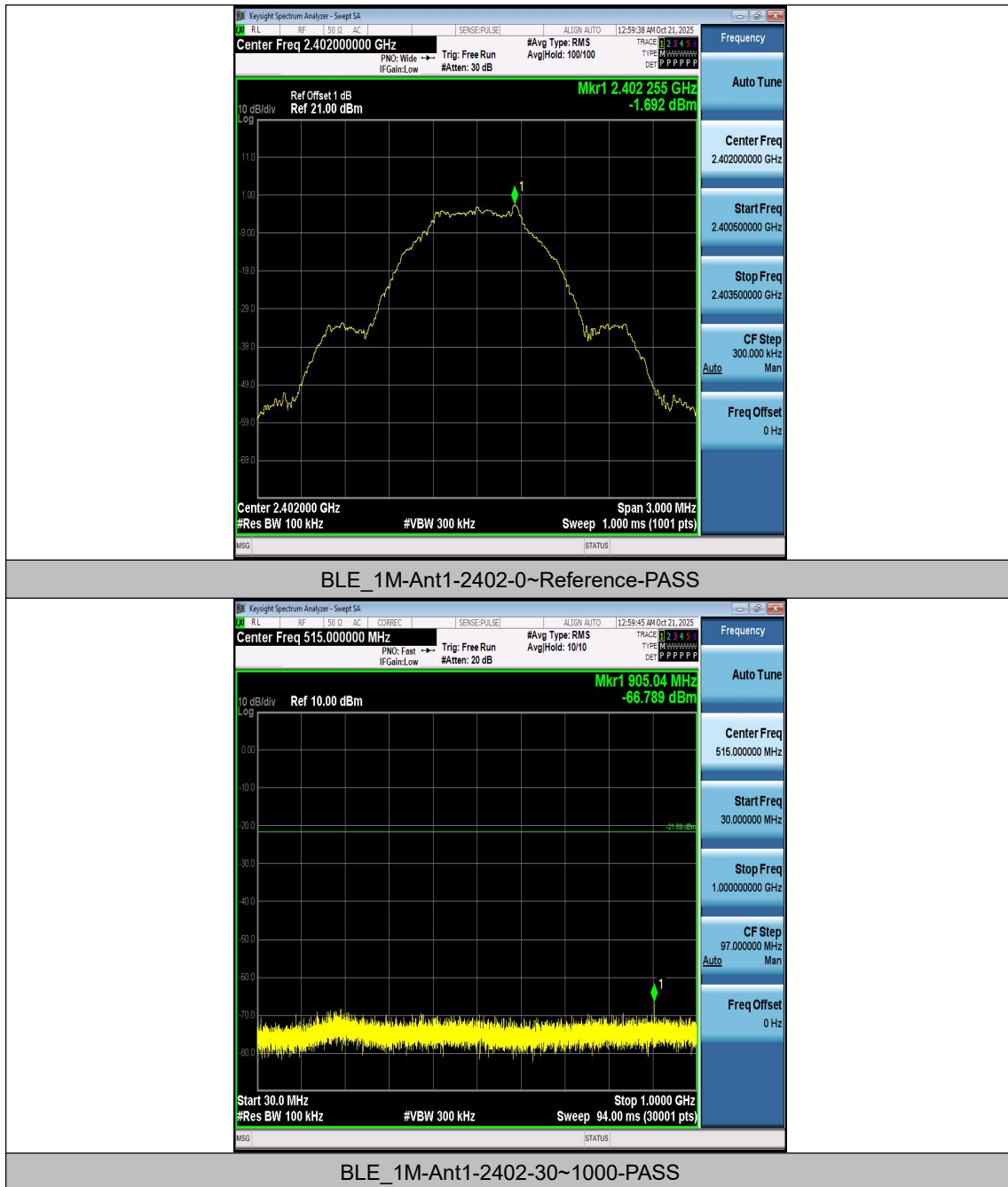
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.69	-1.69	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.69	-66.79	≤-21.69	PASS
BLE_1M	Ant1	2402	1000~26500	-1.69	-53.72	≤-21.69	PASS
BLE_1M	Ant1	2440	0~Reference	-2.23	-2.23	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.23	-68.62	≤-22.23	PASS
BLE_1M	Ant1	2440	1000~26500	-2.23	-53.42	≤-22.23	PASS
BLE_1M	Ant1	2480	0~Reference	-2.61	-2.61	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.61	-68.23	≤-22.61	PASS
BLE_1M	Ant1	2480	1000~26500	-2.61	-53.35	≤-22.61	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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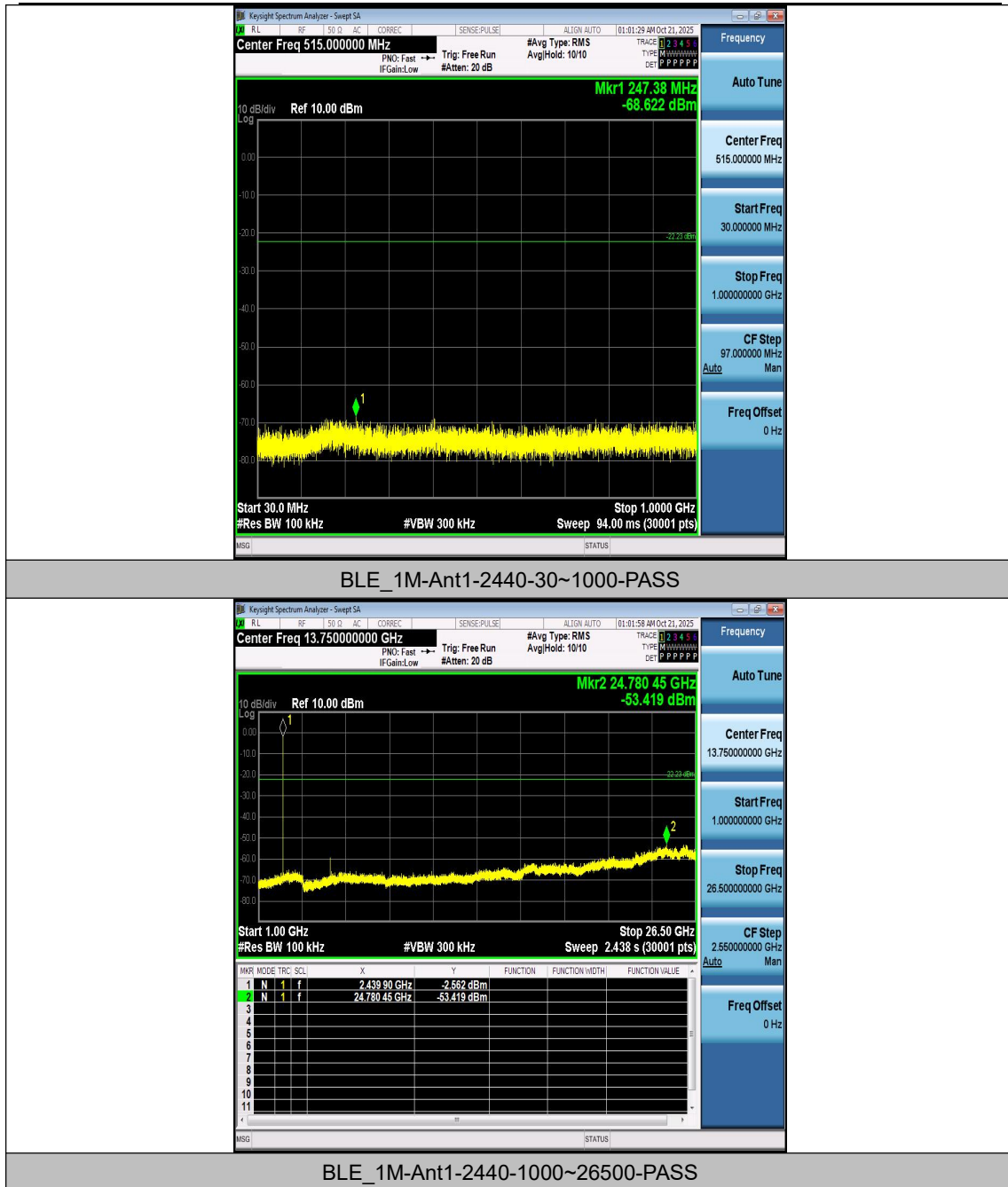
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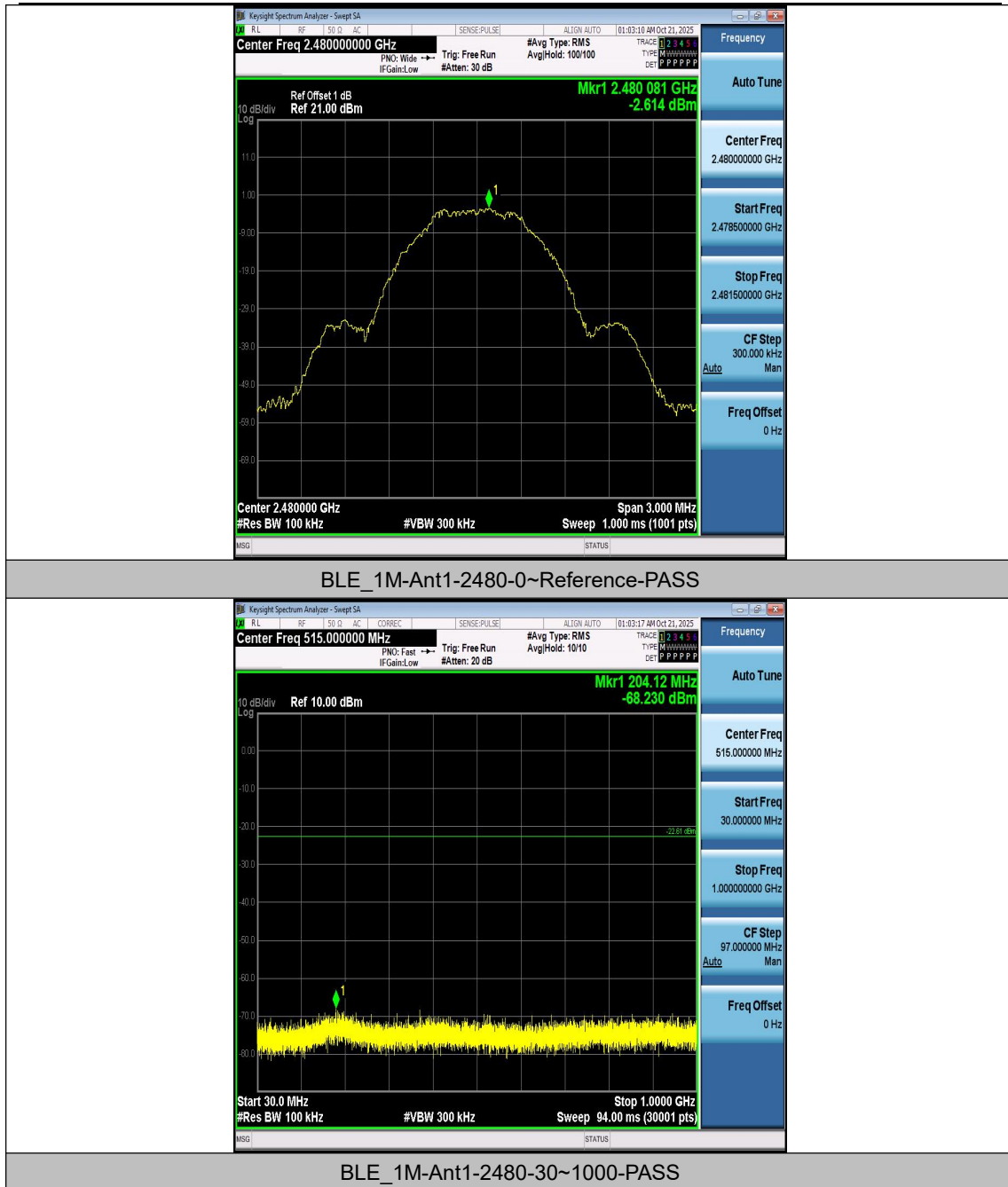
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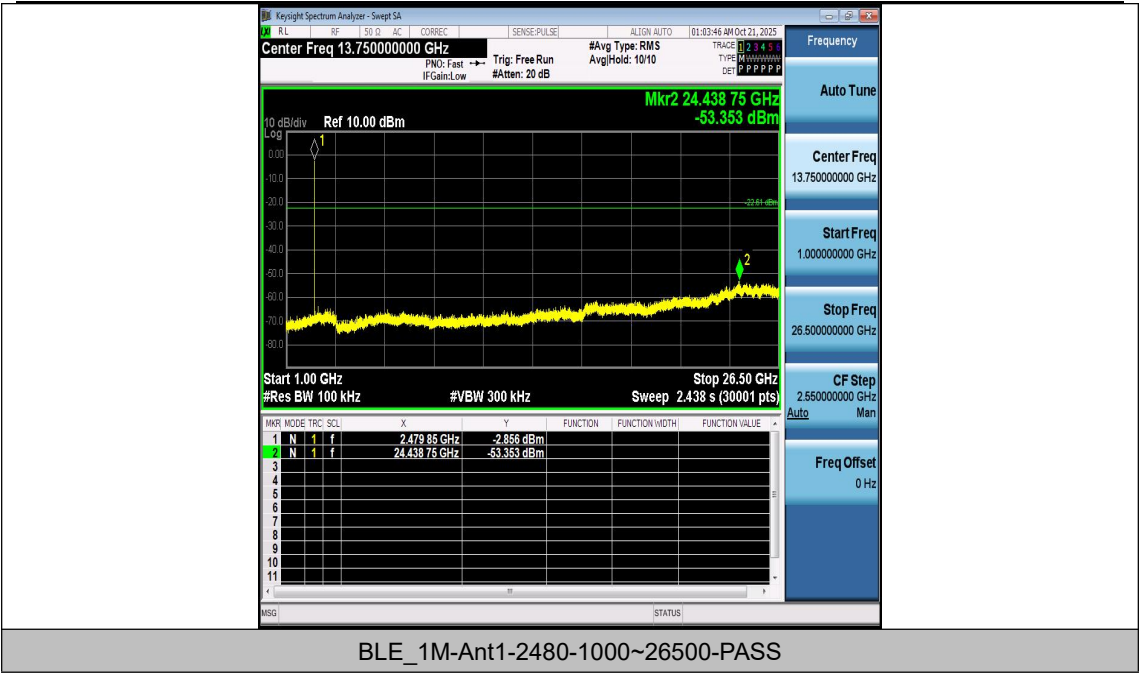
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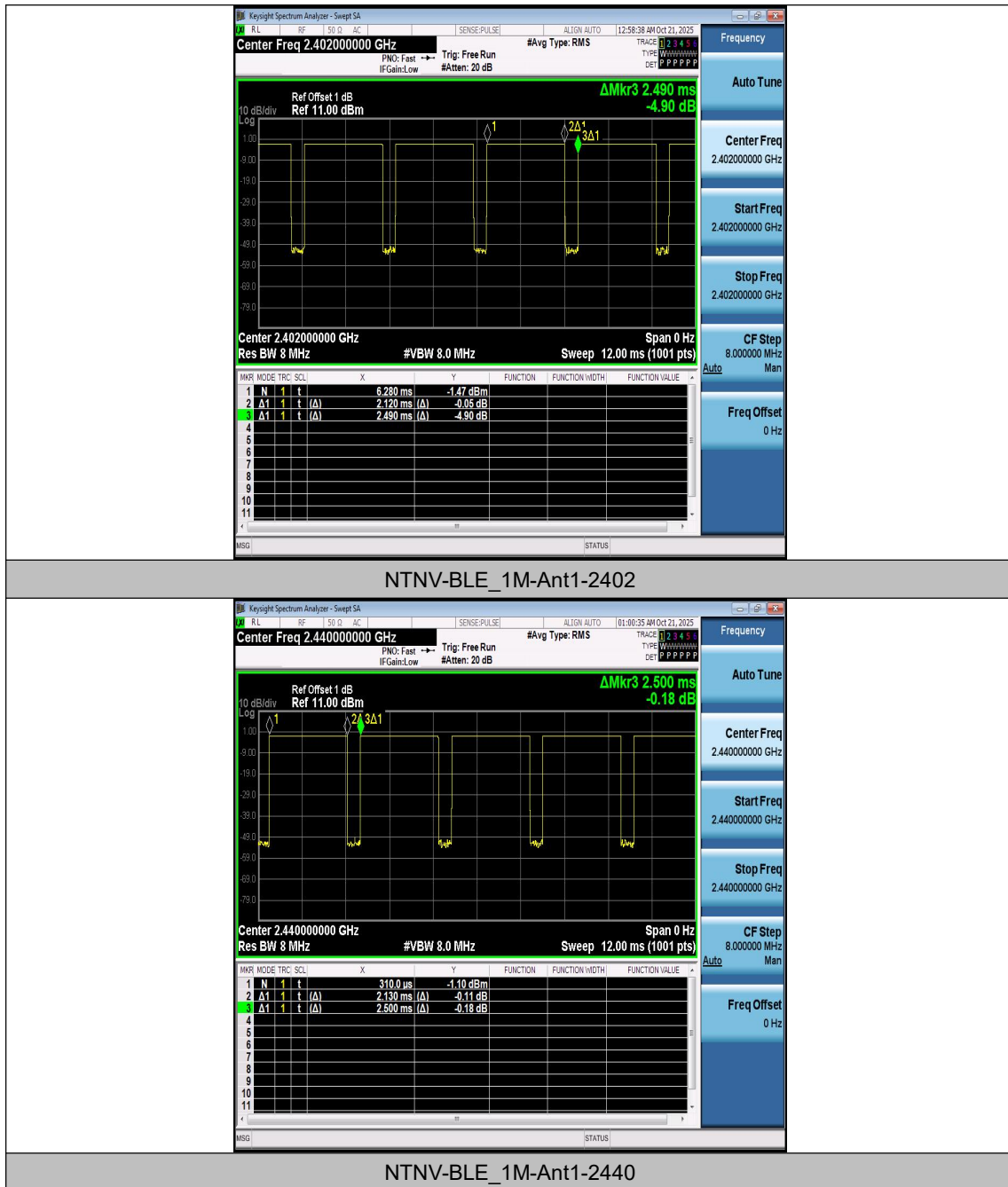
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Appendix G: Duty Cycle

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	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.12	2.51	84.46	0.73

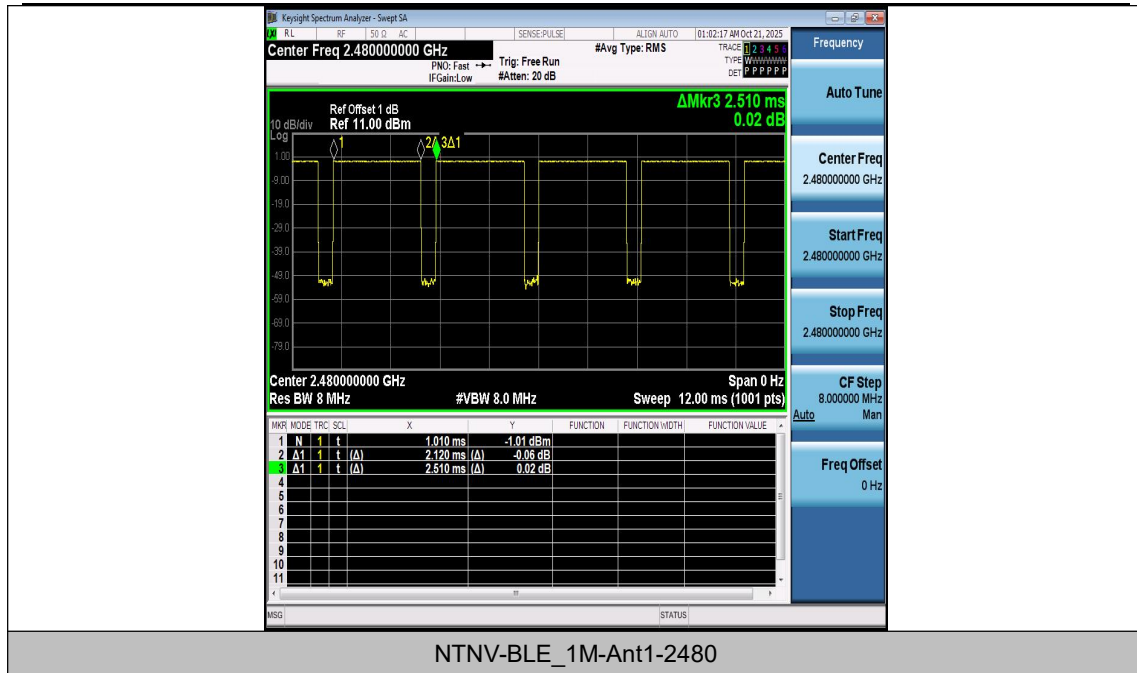
Test Graphs



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---End---