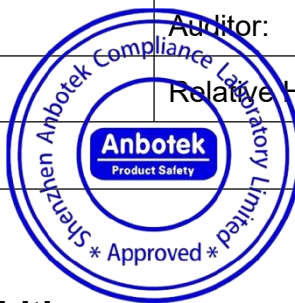


Appendix Test Data

Report No.:	1812C50542312501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-21	Finish Test Date:	2025-10-21
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22°C	Relative Humidity:	53%
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	0.660	2401.668	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.672	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.720	2479.644	2480.364	0.5	PASS

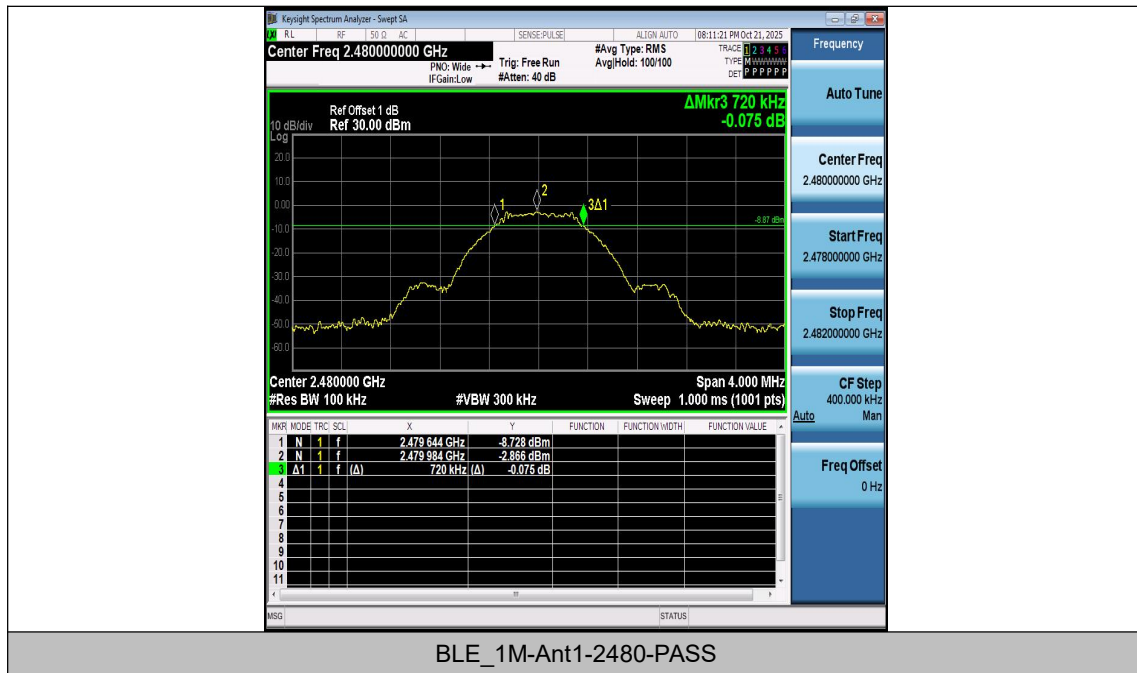
Test Graphs



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BLE_1M-Ant1-2480-PASS

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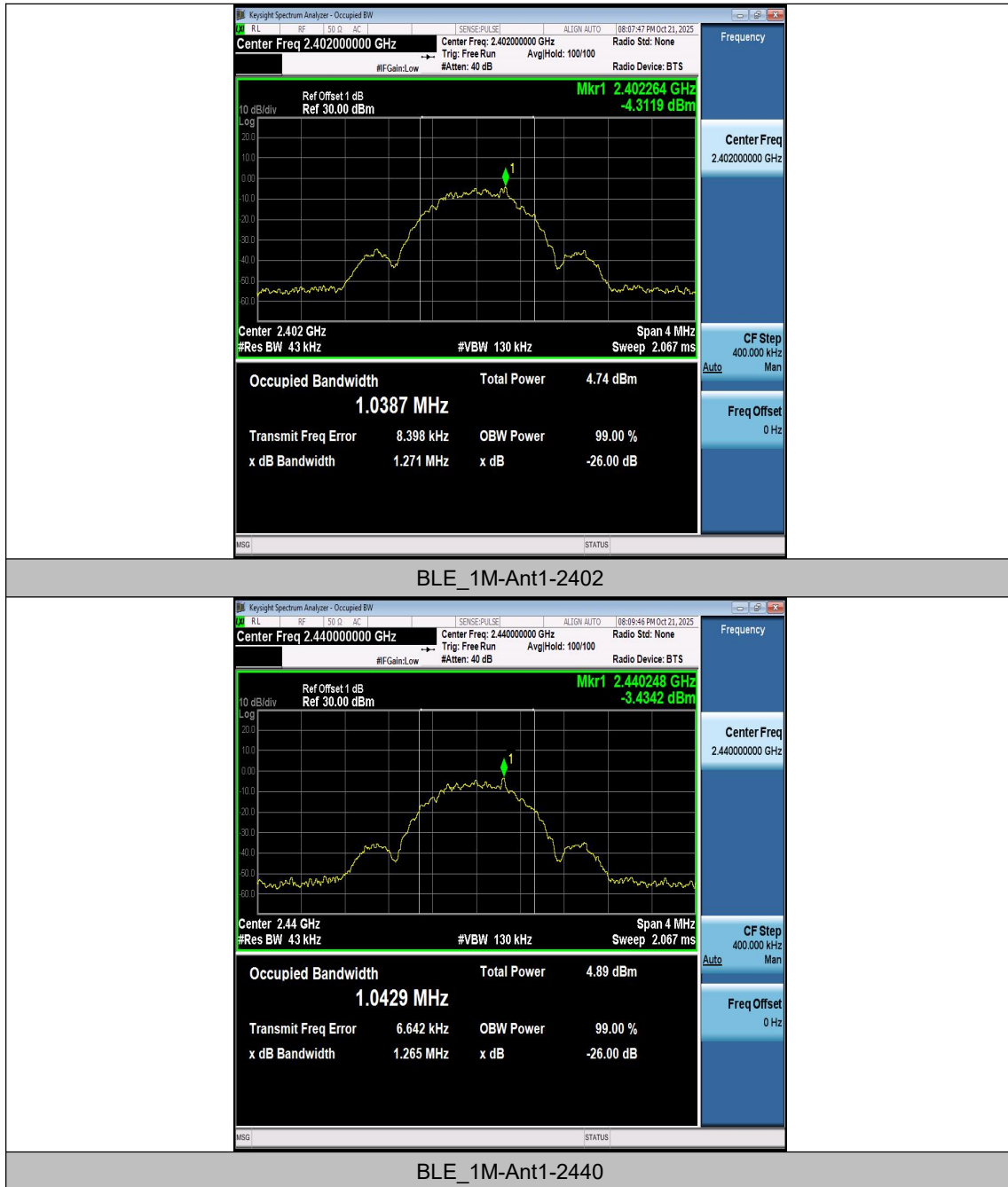
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0387	2401.4891	2402.5278	---	---
BLE_1M	Ant1	2440	1.0429	2439.4852	2440.5281	---	---
BLE_1M	Ant1	2480	1.0437	2479.4865	2480.5302	---	---

Test Graphs



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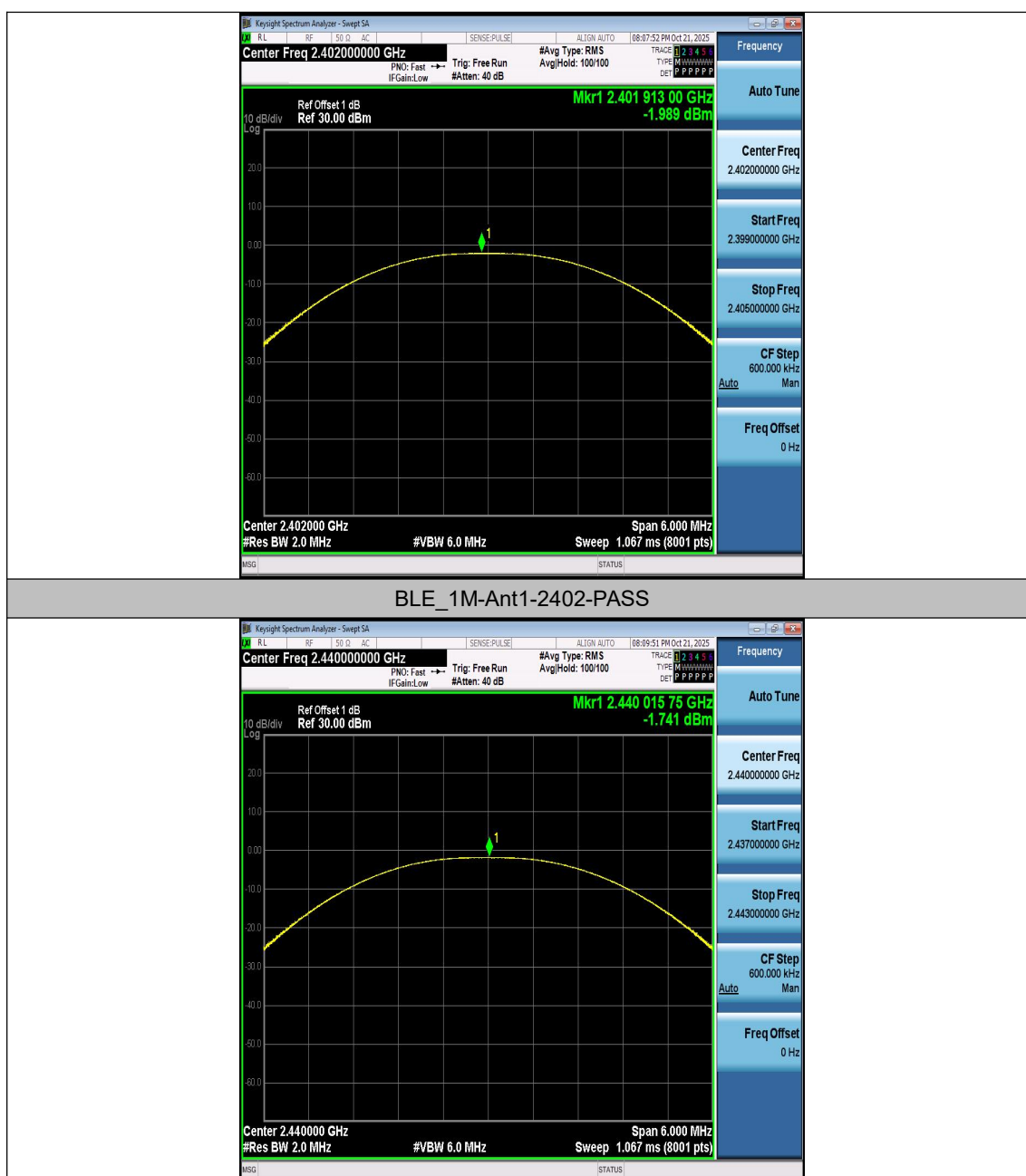
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-1.99	≤30	PASS
BLE_1M	Ant1	2440	-1.74	≤30	PASS
BLE_1M	Ant1	2480	-1.60	≤30	PASS

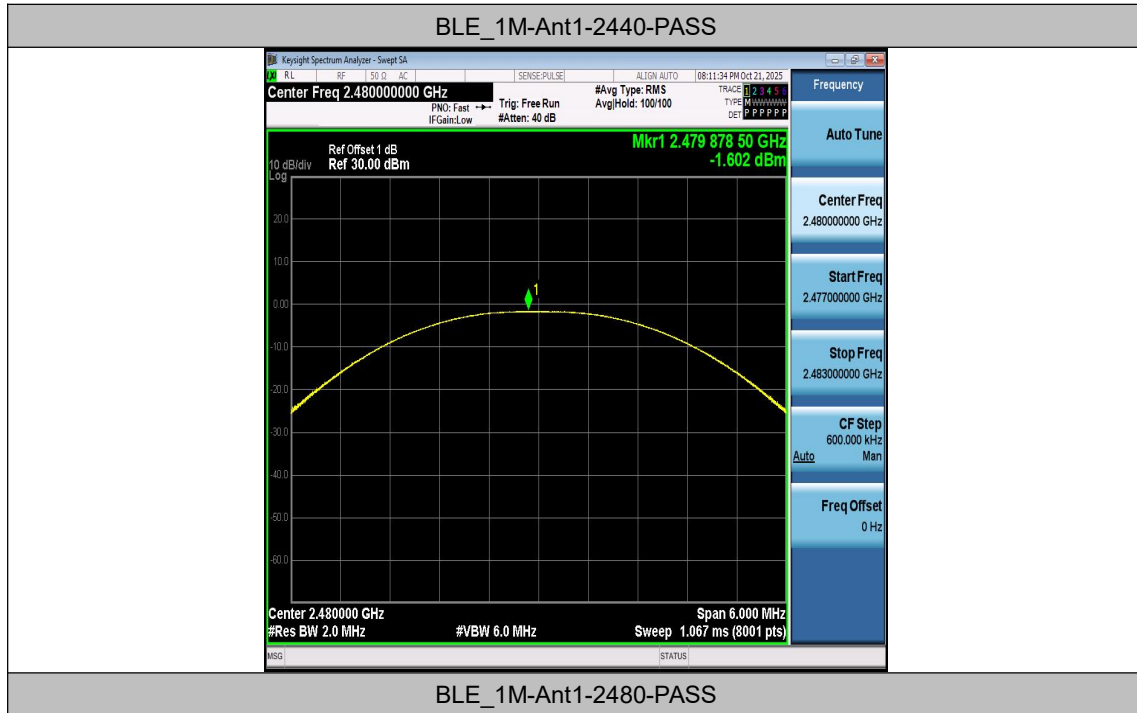
Test Graphs Peak



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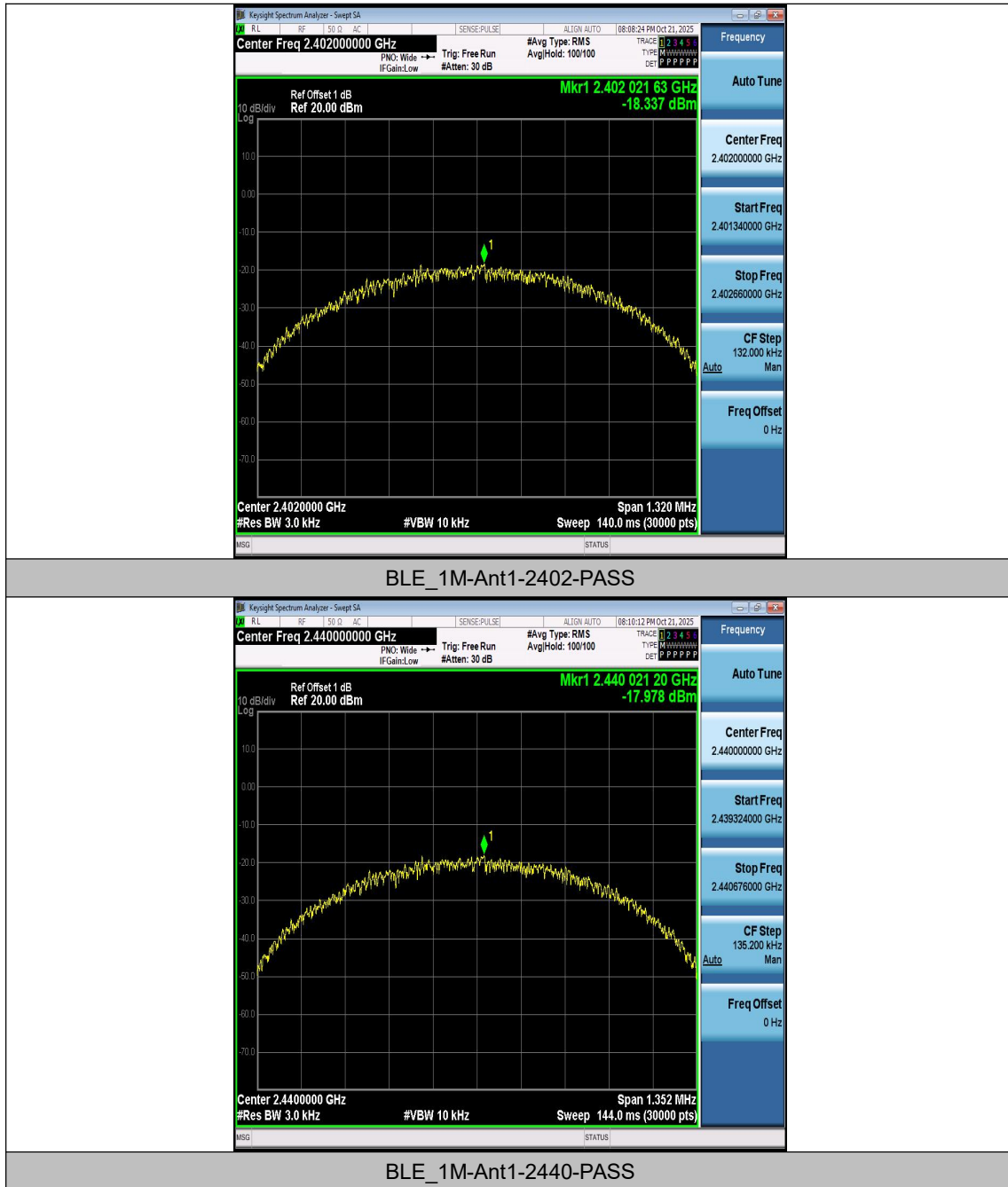
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.34	≤8.00	PASS
BLE_1M	Ant1	2440	-17.98	≤8.00	PASS
BLE_1M	Ant1	2480	-17.85	≤8.00	PASS

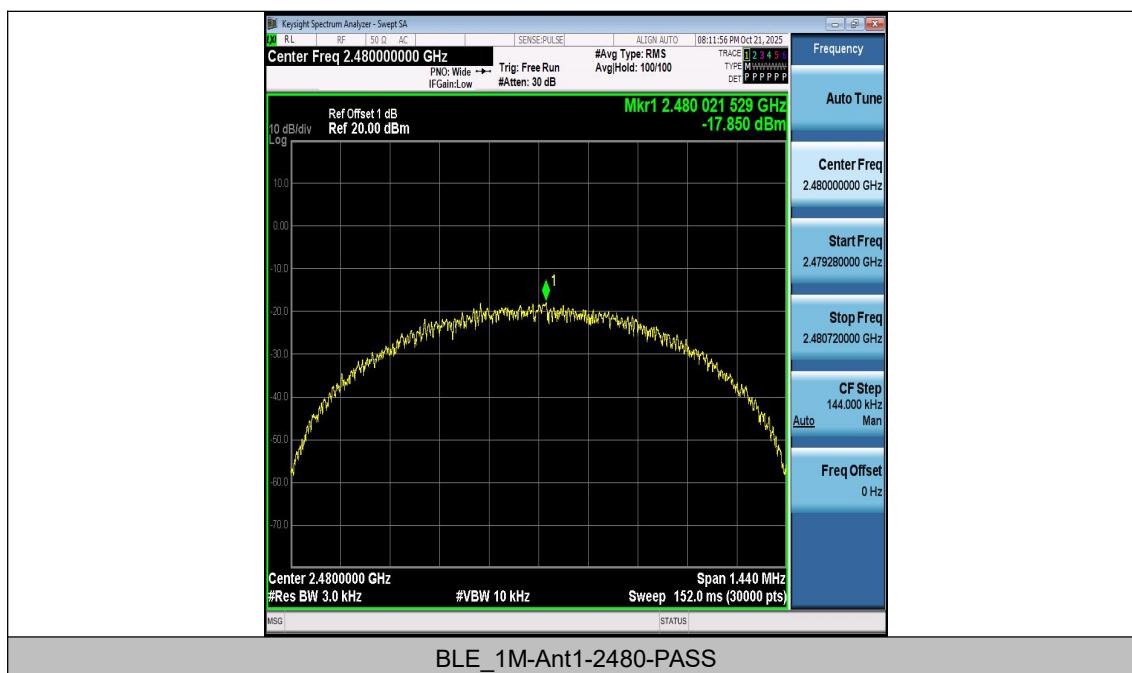
Test Graphs



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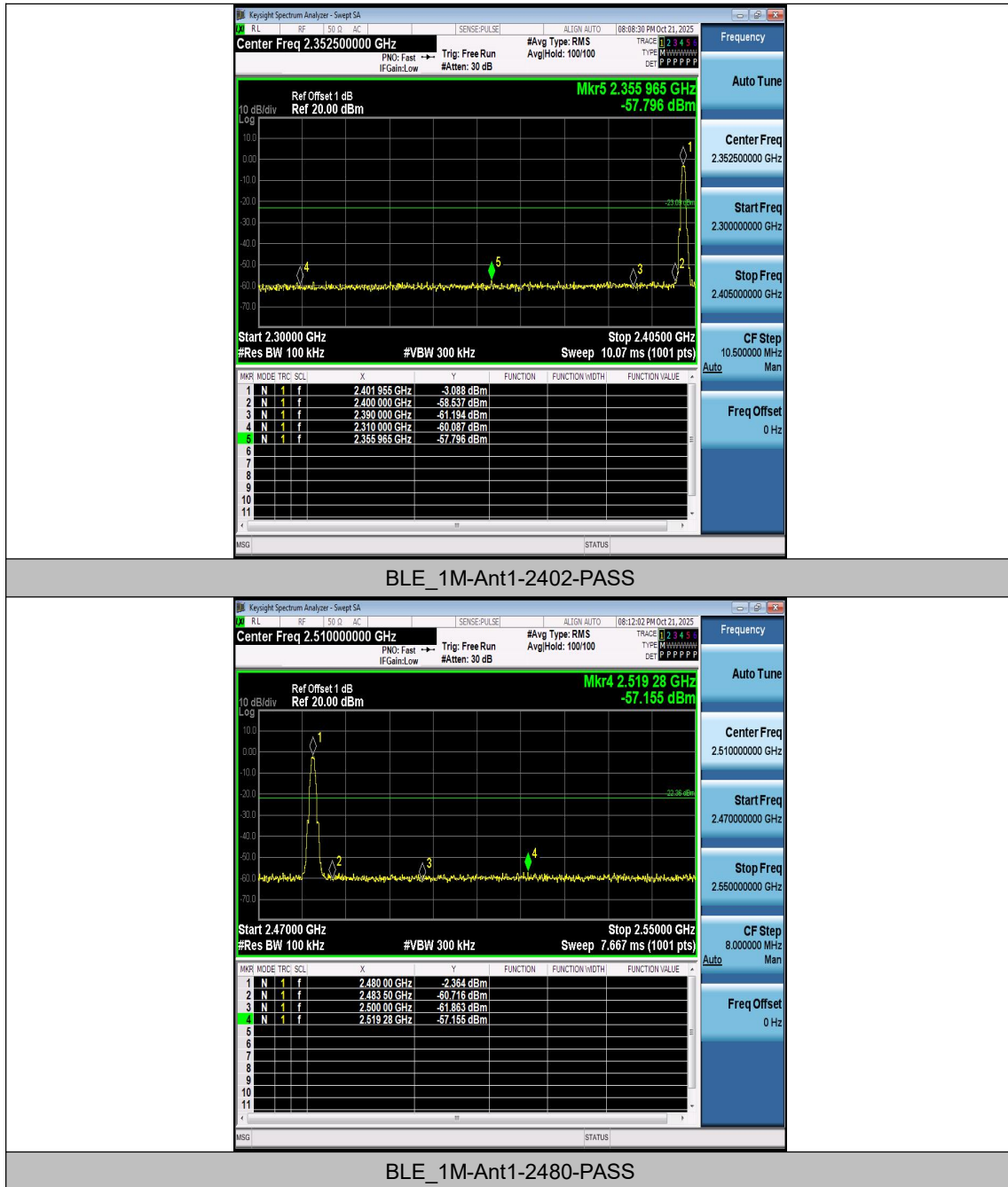
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.09	-57.8	≤-23.09	PASS
BLE_1M	Ant1	High	2480	-2.36	-57.16	≤-22.36	PASS

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

Test Graphs



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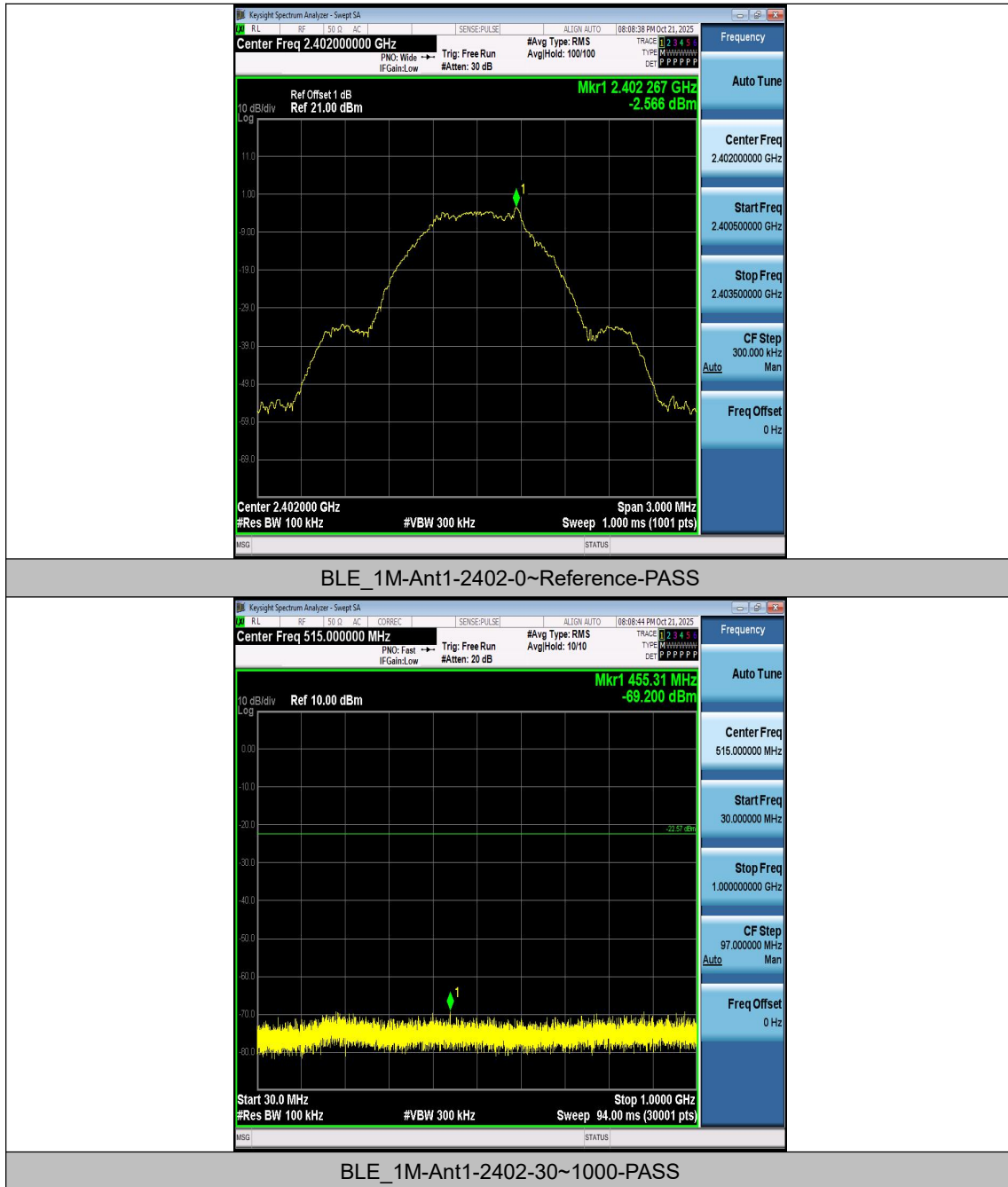
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.57	-2.57	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.57	-69.2	≤-22.57	PASS
BLE_1M	Ant1	2402	1000~26500	-2.57	-48.53	≤-22.57	PASS
BLE_1M	Ant1	2440	0~Reference	-2.20	-2.20	---	PASS
BLE_1M	Ant1	2440	30~1000	-2.20	-68.51	≤-22.2	PASS
BLE_1M	Ant1	2440	1000~26500	-2.20	-53.31	≤-22.2	PASS
BLE_1M	Ant1	2480	0~Reference	-1.94	-1.94	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.94	-69.3	≤-21.94	PASS
BLE_1M	Ant1	2480	1000~26500	-1.94	-53.15	≤-21.94	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs



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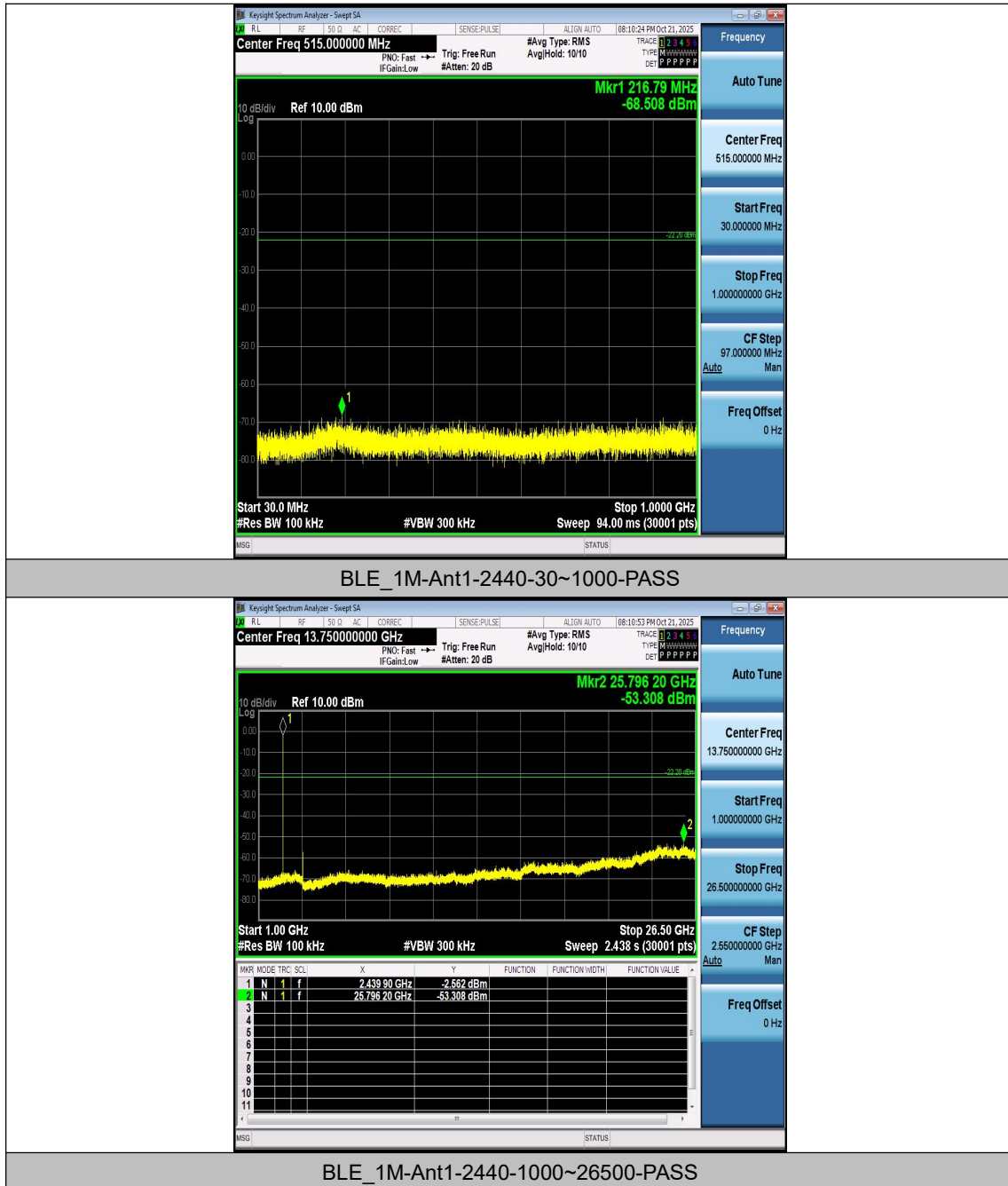
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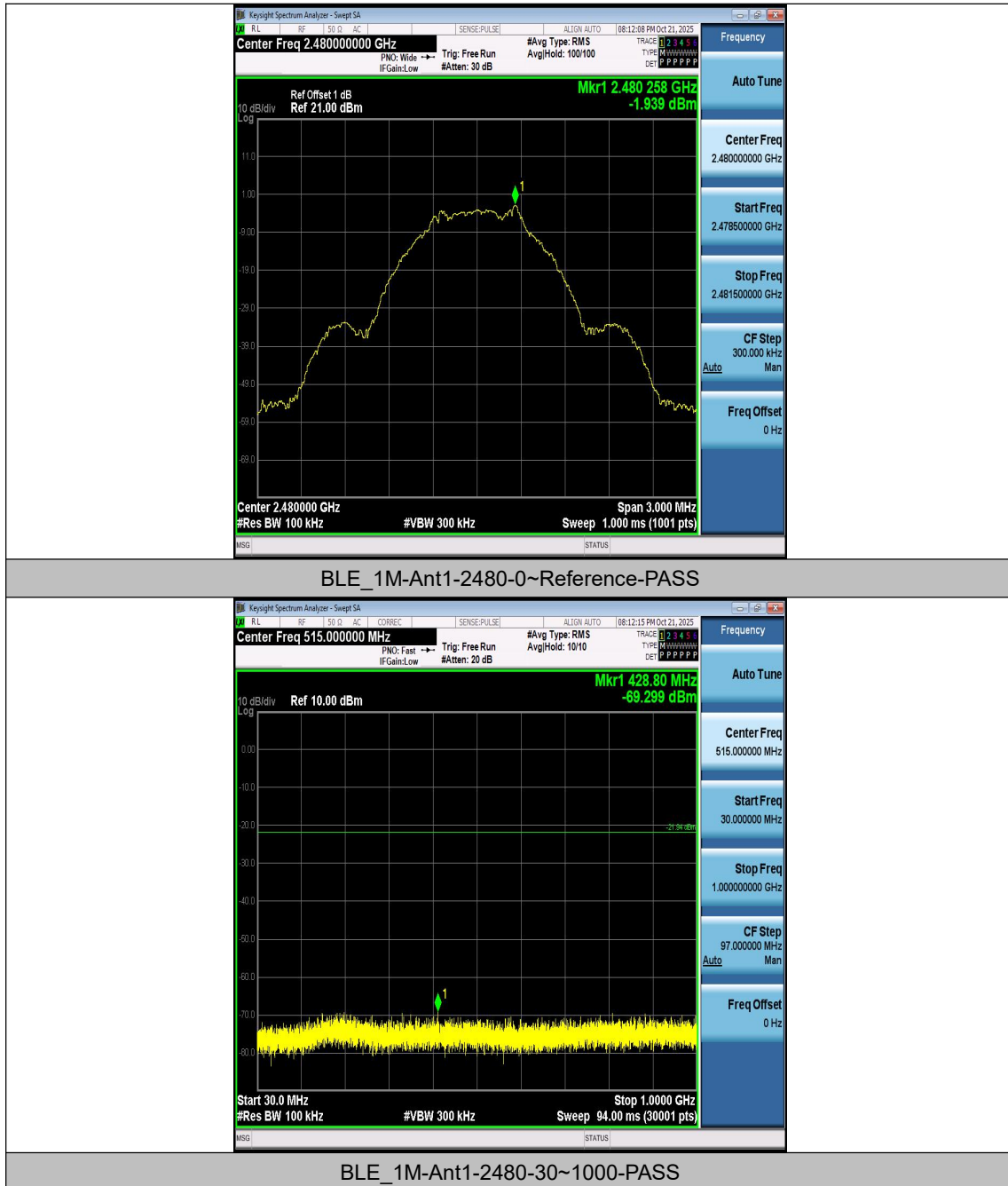
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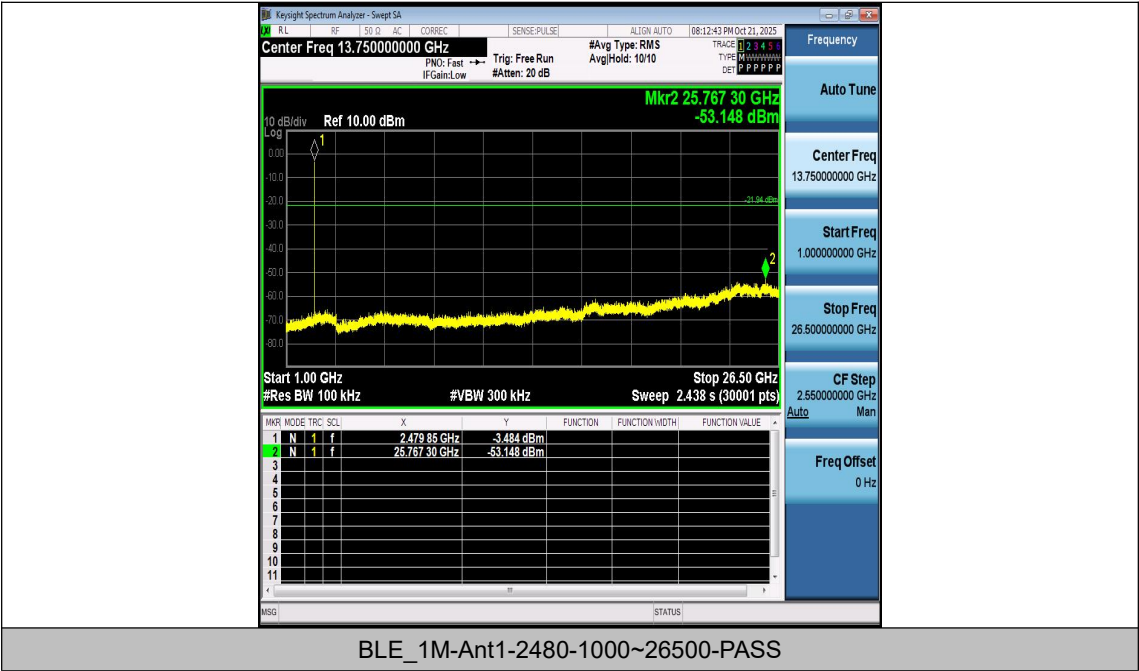
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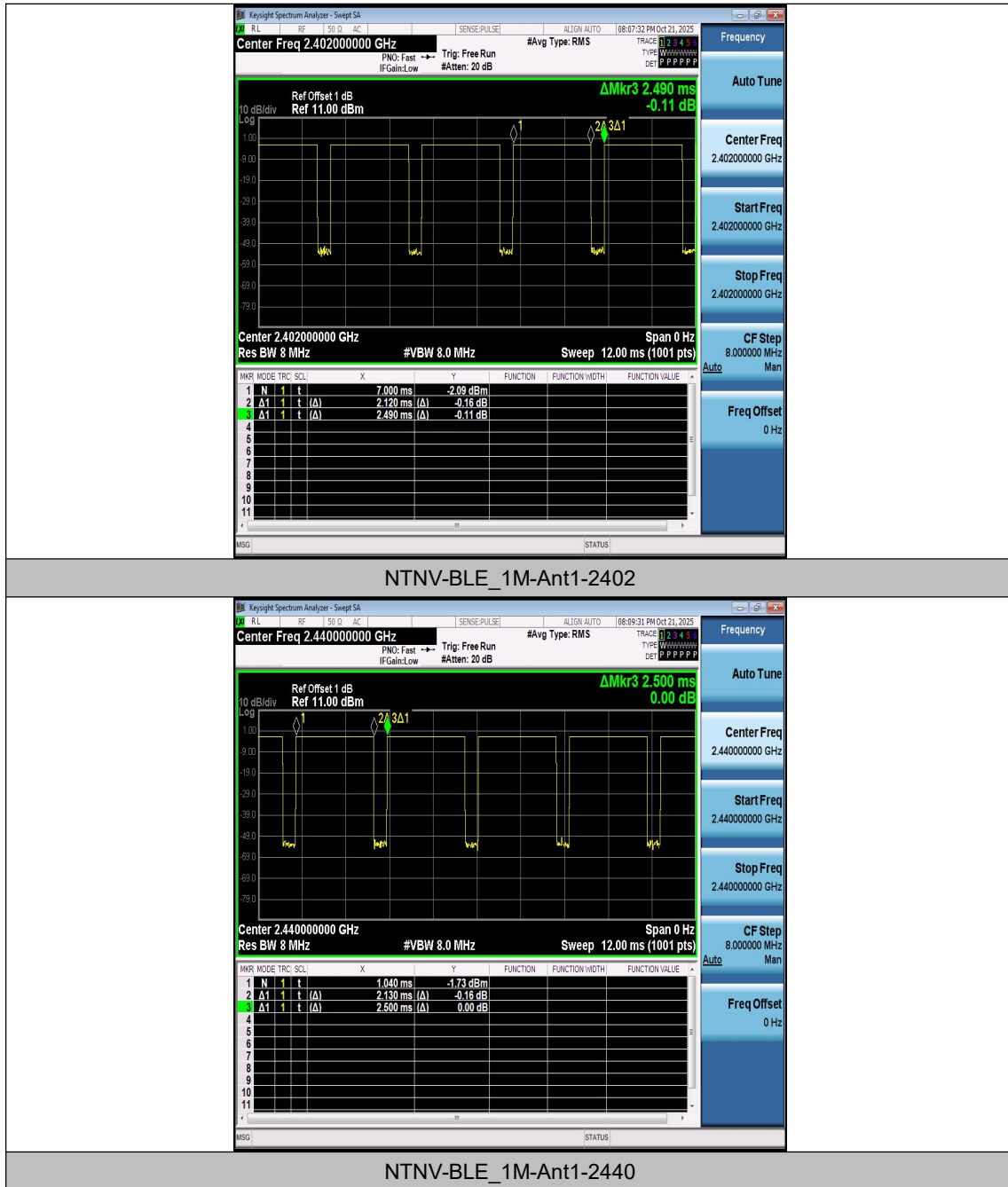
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Appendix G: Duty Cycle

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	2.49	85.14	0.70

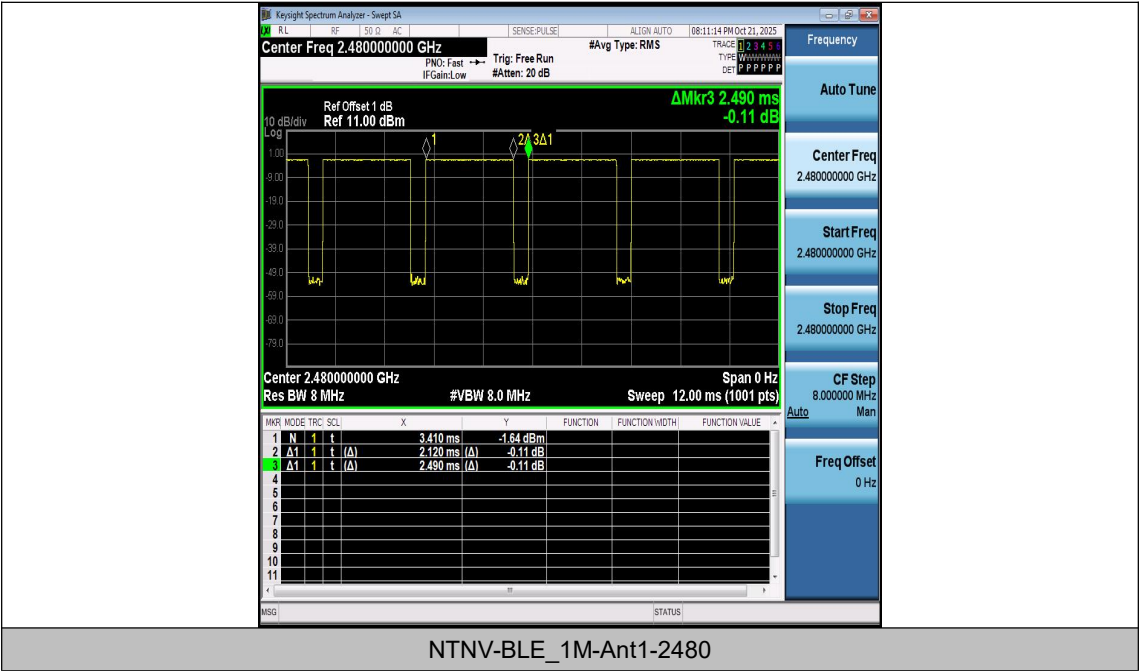
Test Graphs



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---End---