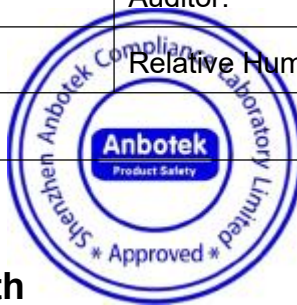


Appendix Test Data

Report No.:	1812C50652712501-01	Test Sample No.:	1-2-2
Start Test Date:	2025-12-8	Finish Test Date:	2025-12-8
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24°C	Relative Humidity:	44%
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	0.644	2401.700	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.688	2439.672	2440.360	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.668	2480.368	0.5	PASS

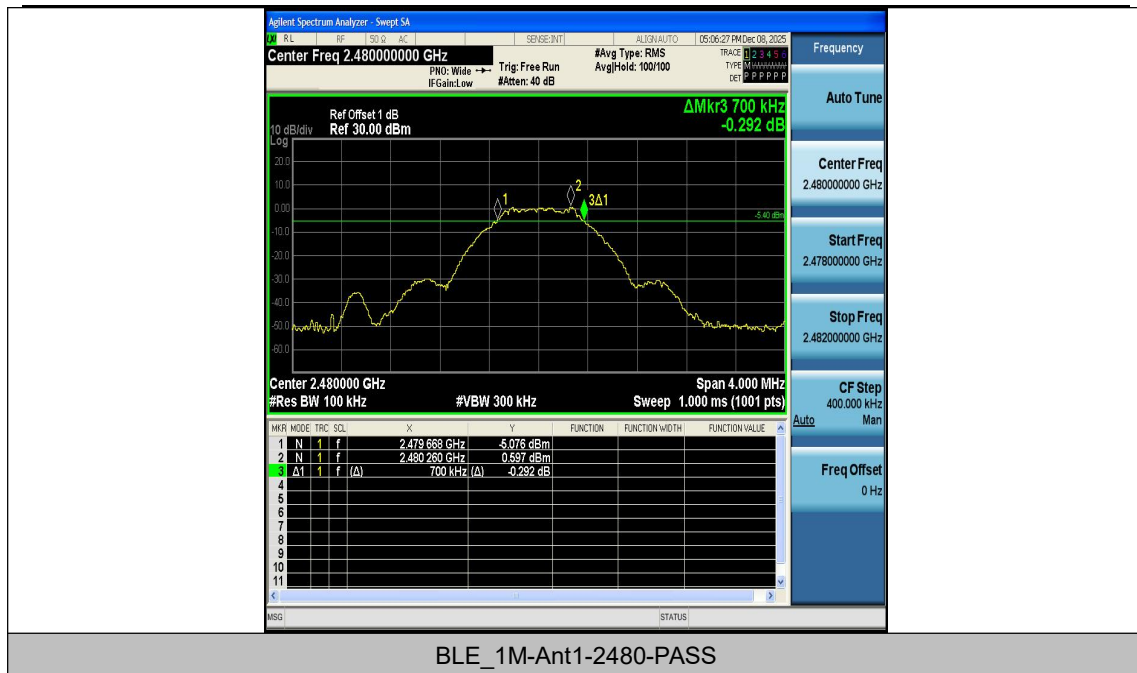
Test Graphs



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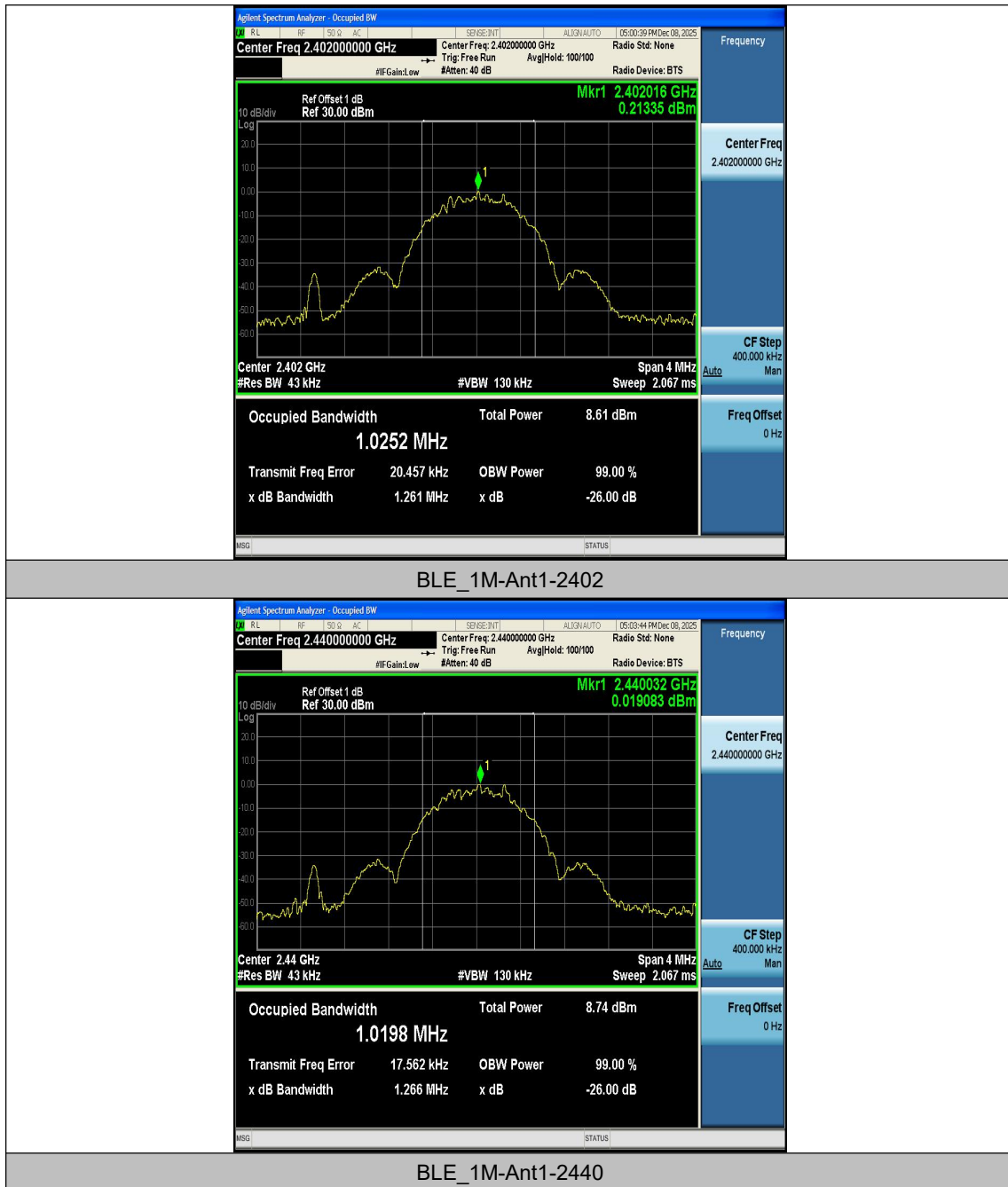
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0252	2401.5079	2402.5331	---	---
BLE_1M	Ant1	2440	1.0198	2439.5077	2440.5275	---	---
BLE_1M	Ant1	2480	1.0289	2479.5026	2480.5315	---	---

Test Graphs



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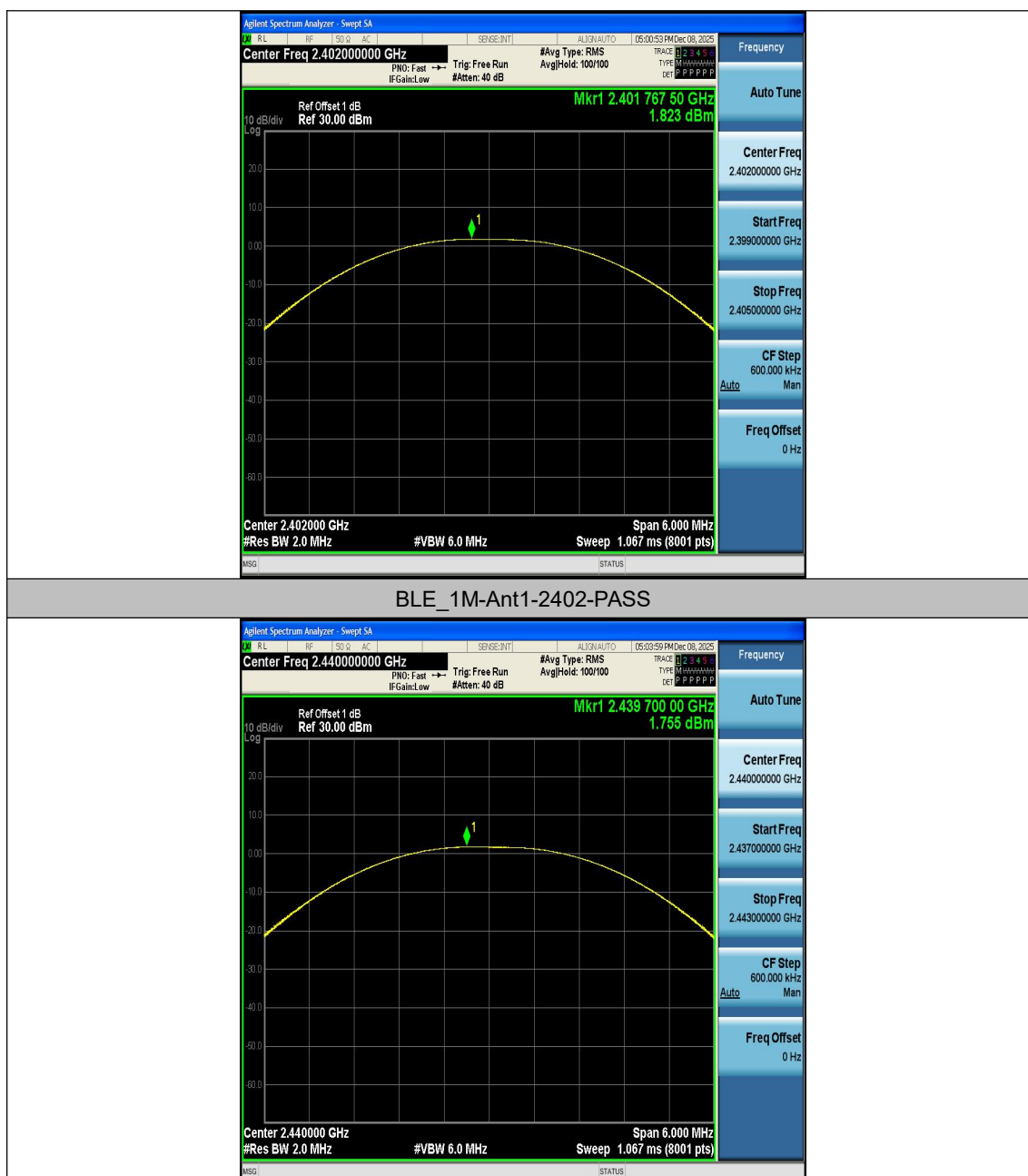
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.82	≤30	PASS
BLE_1M	Ant1	2440	1.76	≤30	PASS
BLE_1M	Ant1	2480	1.66	≤30	PASS

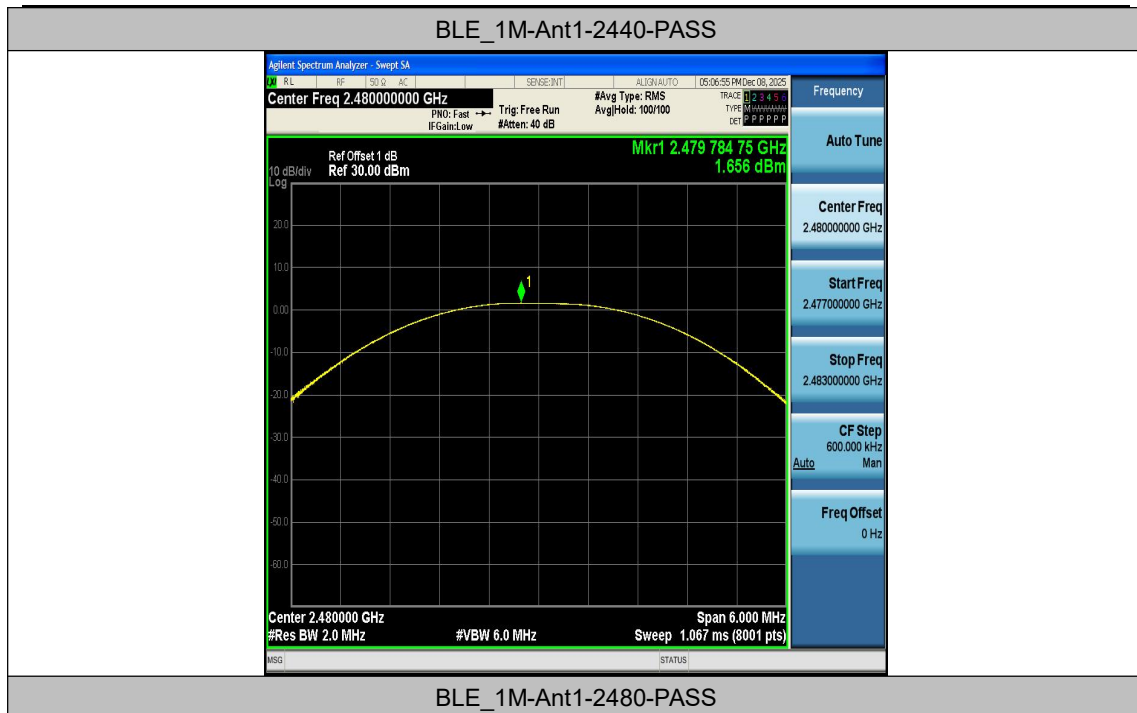
Test Graphs Peak



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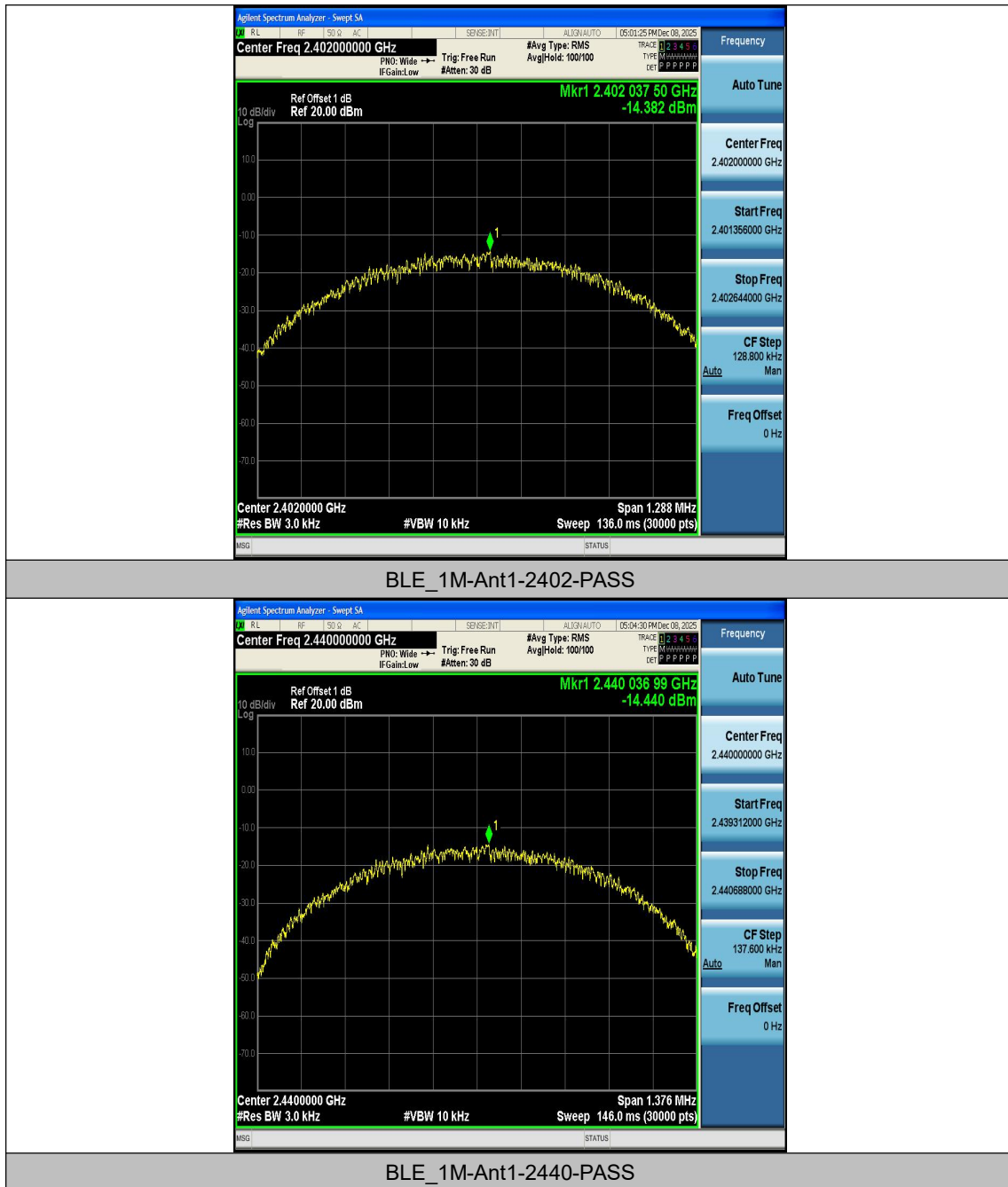
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.38	≤8.00	PASS
BLE_1M	Ant1	2440	-14.44	≤8.00	PASS
BLE_1M	Ant1	2480	-14.52	≤8.00	PASS

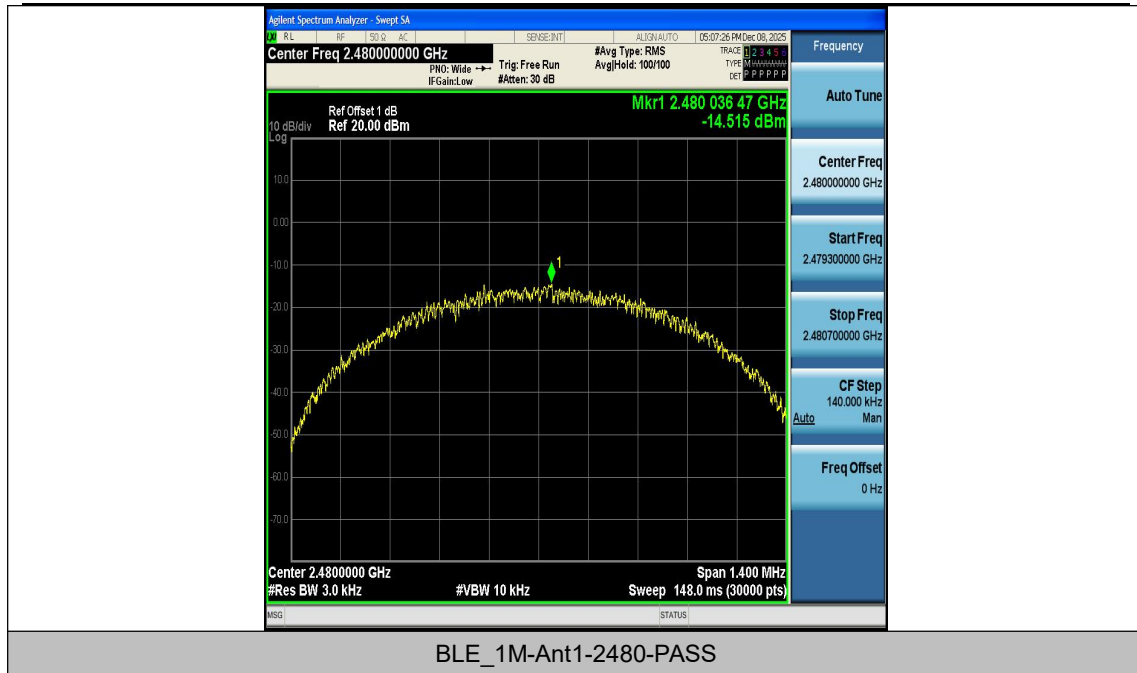
Test Graphs



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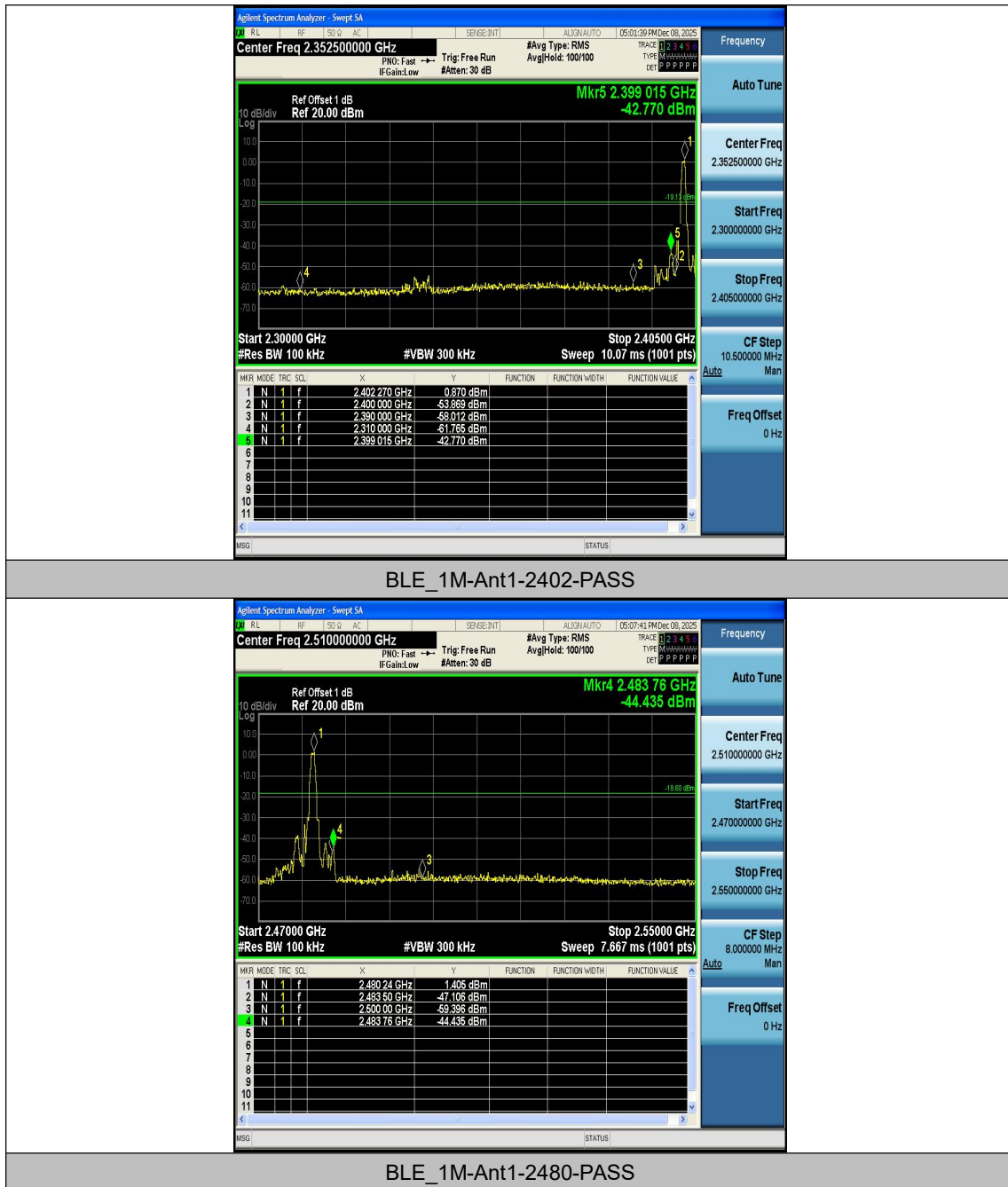
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.87	-42.77	≤-19.13	PASS
BLE_1M	Ant1	High	2480	1.41	-44.44	≤-18.6	PASS

Test Graphs



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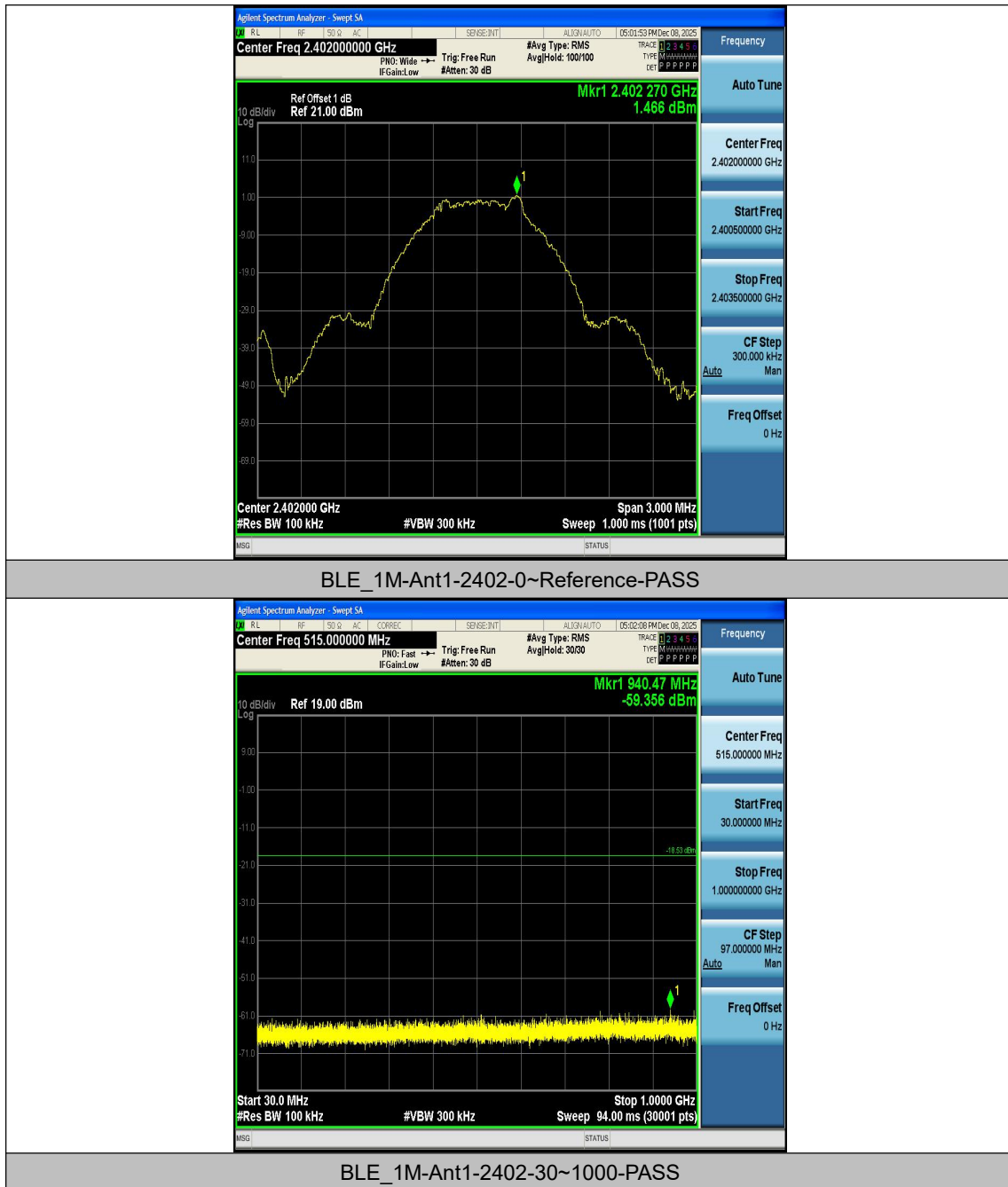
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.47	1.47	---	PASS
BLE_1M	Ant1	2402	30~1000	1.47	-59.36	≤-18.53	PASS
BLE_1M	Ant1	2402	1000~26500	1.47	-45.73	≤-18.53	PASS
BLE_1M	Ant1	2440	0~Reference	1.52	1.52	---	PASS
BLE_1M	Ant1	2440	30~1000	1.52	-40.96	≤-18.48	PASS
BLE_1M	Ant1	2440	1000~26500	1.52	-45.12	≤-18.48	PASS
BLE_1M	Ant1	2480	0~Reference	1.27	1.27	---	PASS
BLE_1M	Ant1	2480	30~1000	1.27	-58.5	≤-18.73	PASS
BLE_1M	Ant1	2480	1000~26500	1.27	-36.2	≤-18.73	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.

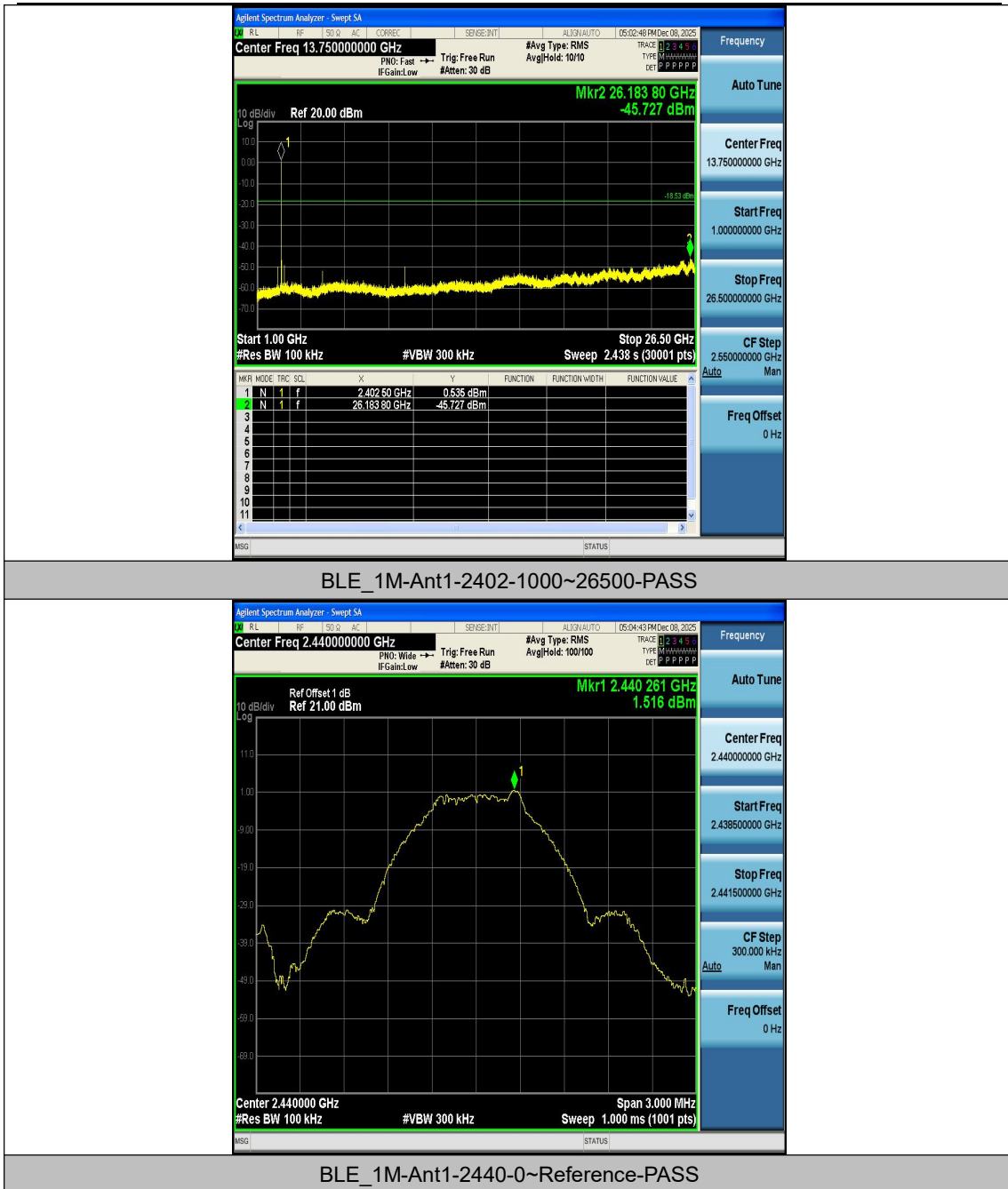
Test Graphs



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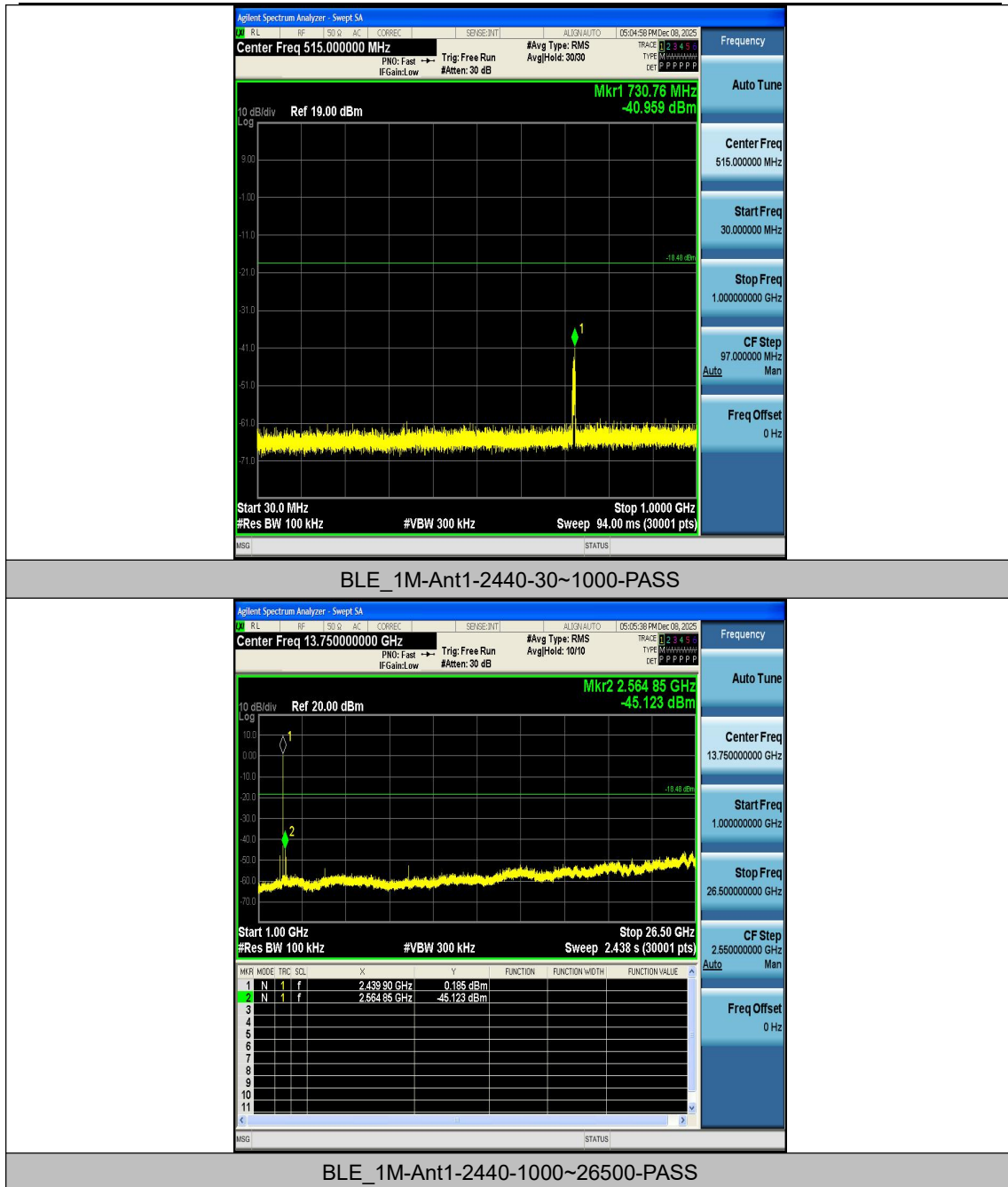
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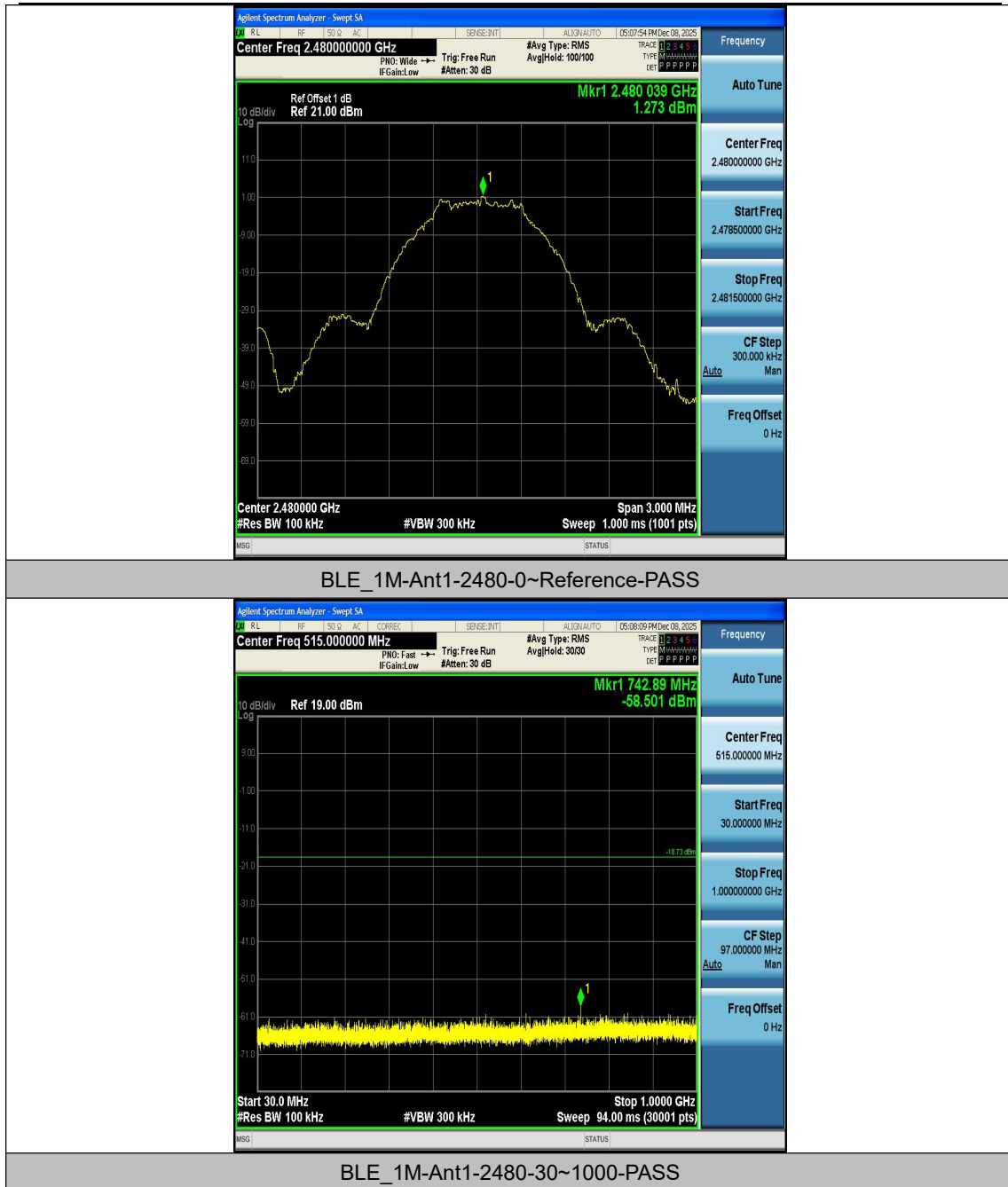
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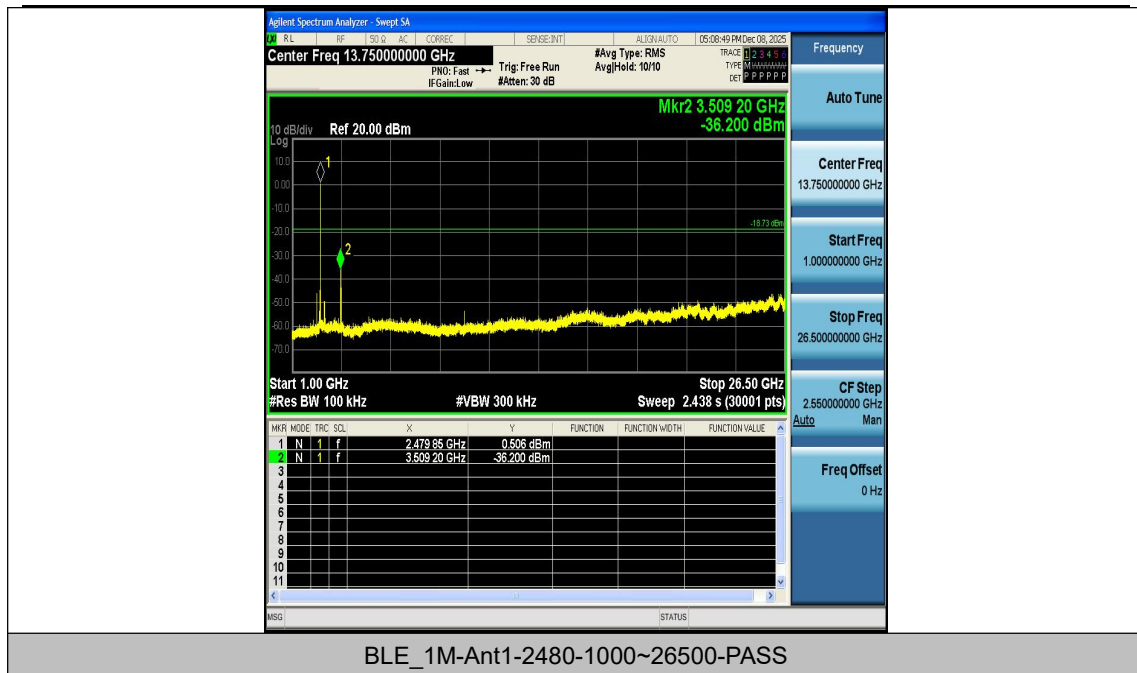
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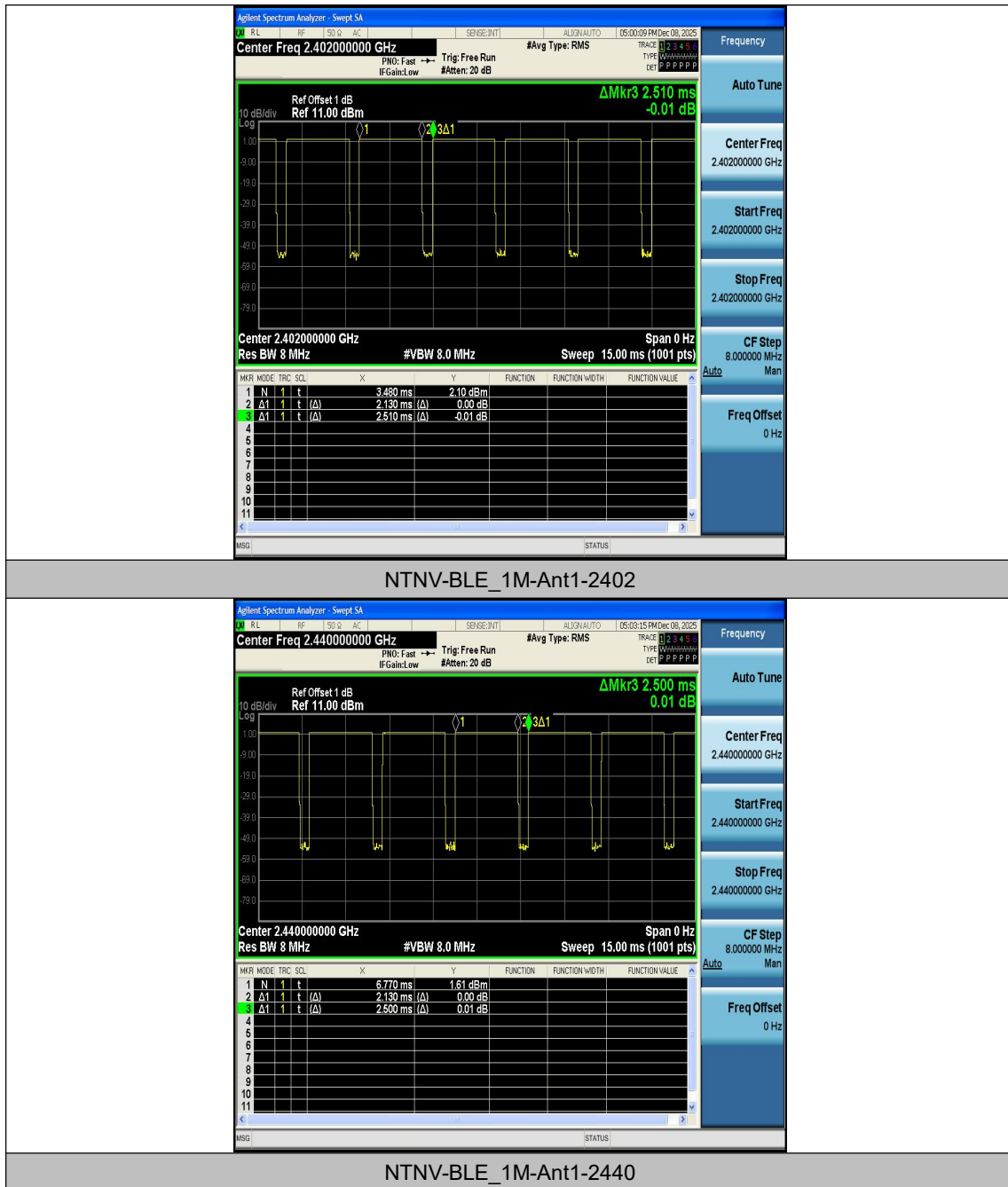
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Appendix G: Duty Cycle

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	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.13	2.50	85.20	0.70

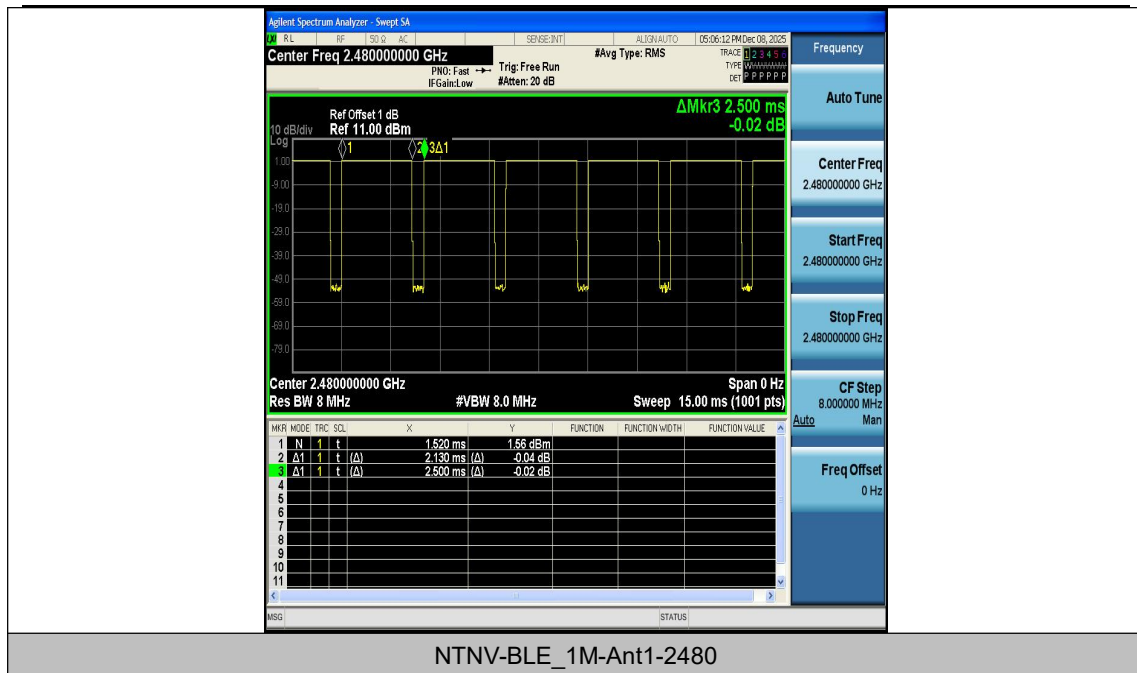
Test Graphs



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NTNV-BLE_1M-Ant1-2480

---End---