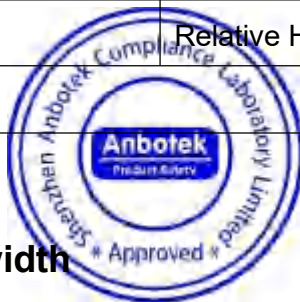


Appendix Test Data

Report No.:	1812C60021512501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-7	Finish Test Date:	2026-1-14
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.4℃	Relative Humidity:	51%
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	0.692	2401.676	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.680	2439.676	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.652	2480.360	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.456	2402.584	0.5	PASS
BLE_2M	Ant1	2440	1.036	2439.520	2440.556	0.5	PASS
BLE_2M	Ant1	2480	1.208	2479.388	2480.596	0.5	PASS

Test Graphs



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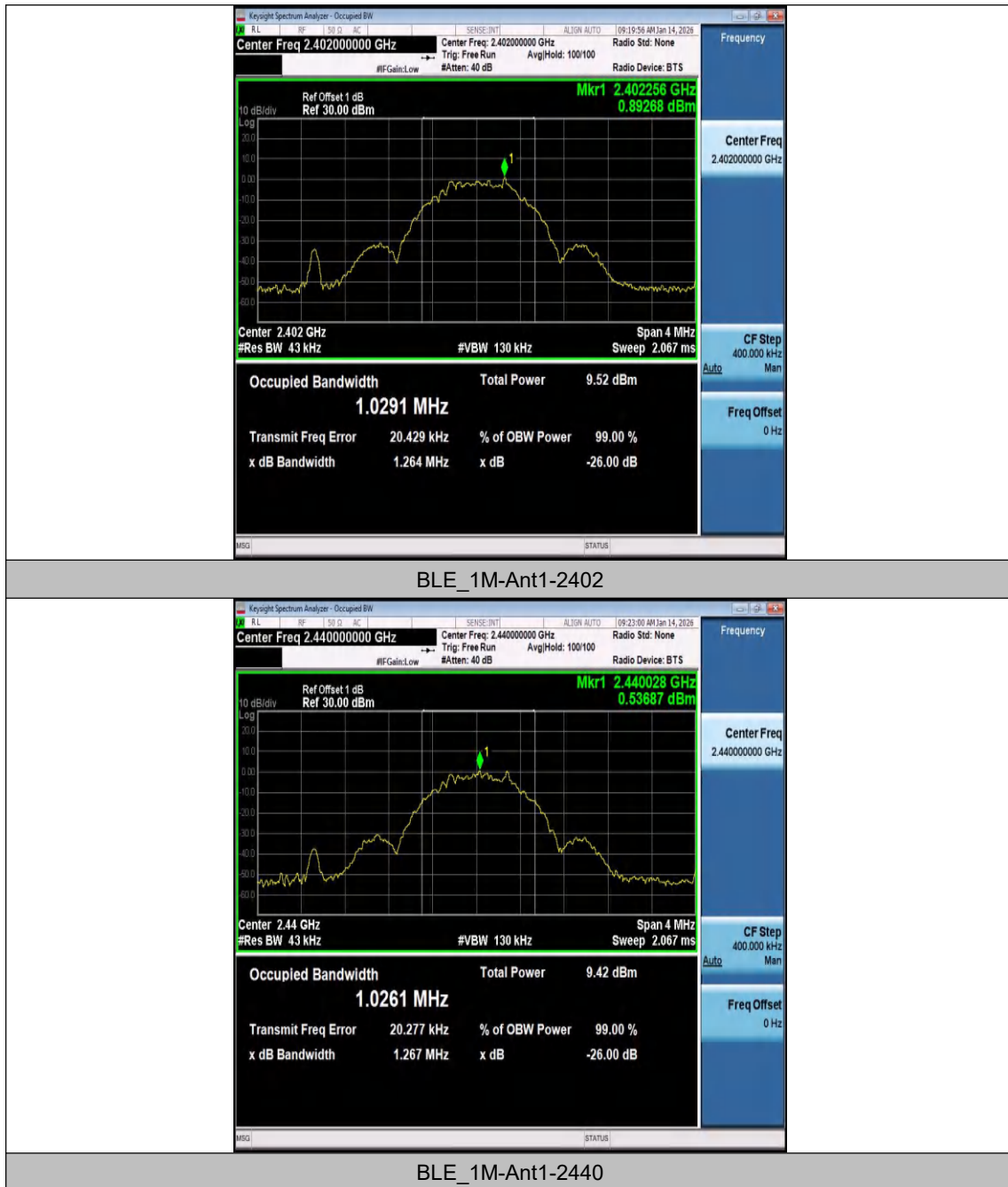
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0291	2401.5059	2402.5350	---	---
BLE_1M	Ant1	2440	1.0261	2439.5072	2440.5333	---	---
BLE_1M	Ant1	2480	1.0246	2479.5063	2480.5309	---	---
BLE_2M	Ant1	2402	2.0658	2400.9978	2403.0636	---	---
BLE_2M	Ant1	2440	2.0761	2438.9957	2441.0718	---	---
BLE_2M	Ant1	2480	2.0687	2478.9957	2481.0644	---	---

Test Graphs



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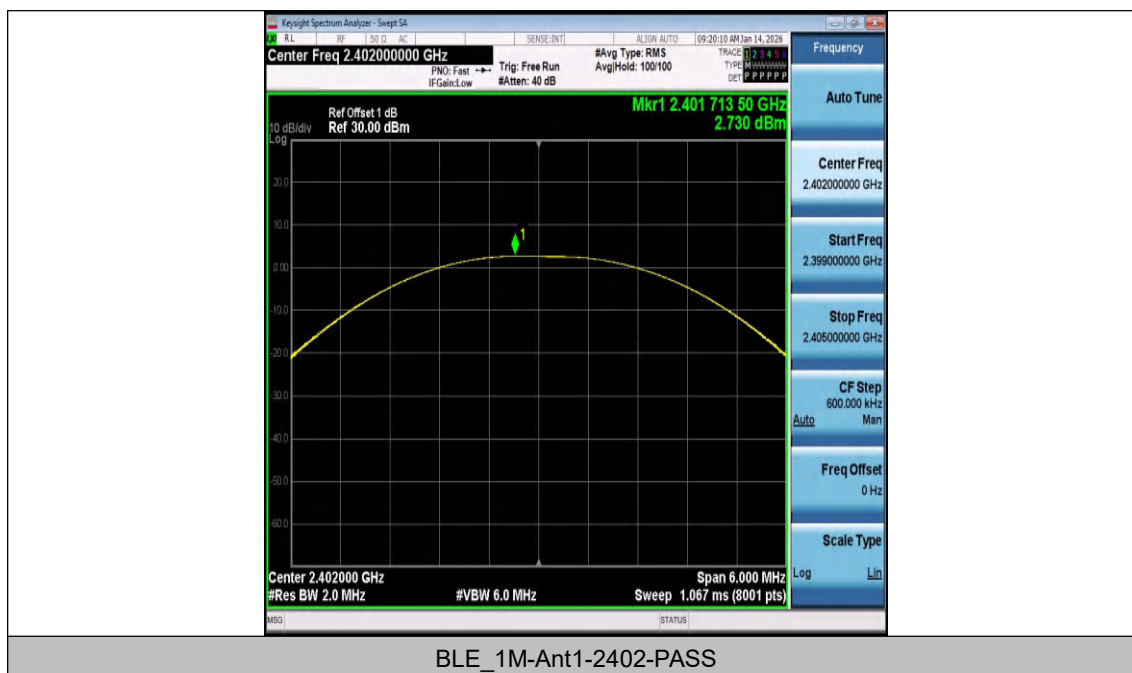
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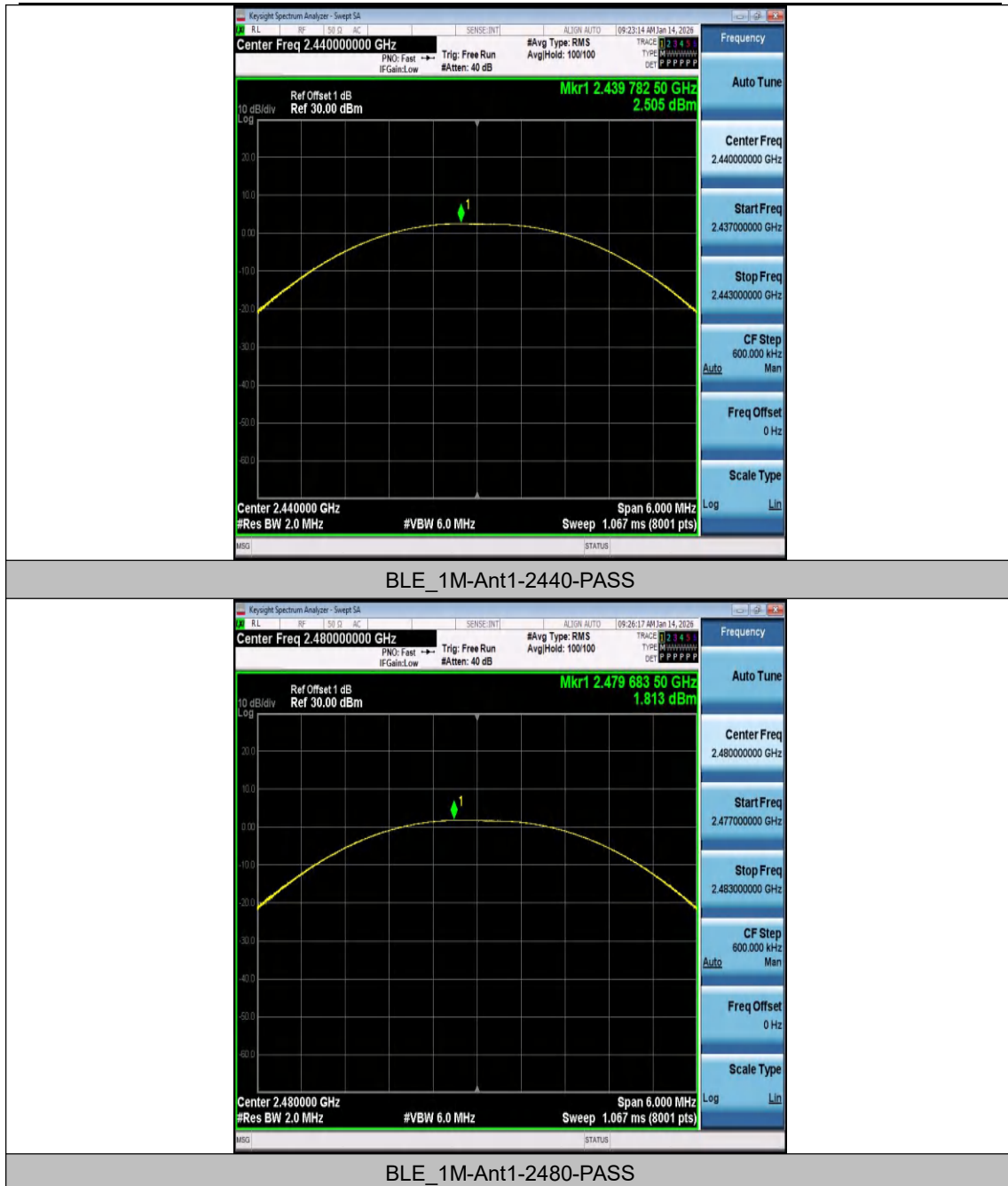
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.73	≤30	PASS
BLE_1M	Ant1	2440	2.51	≤30	PASS
BLE_1M	Ant1	2480	1.81	≤30	PASS
BLE_2M	Ant1	2402	2.85	≤30	PASS
BLE_2M	Ant1	2440	2.74	≤30	PASS
BLE_2M	Ant1	2480	2.09	≤30	PASS

Test Graphs Peak

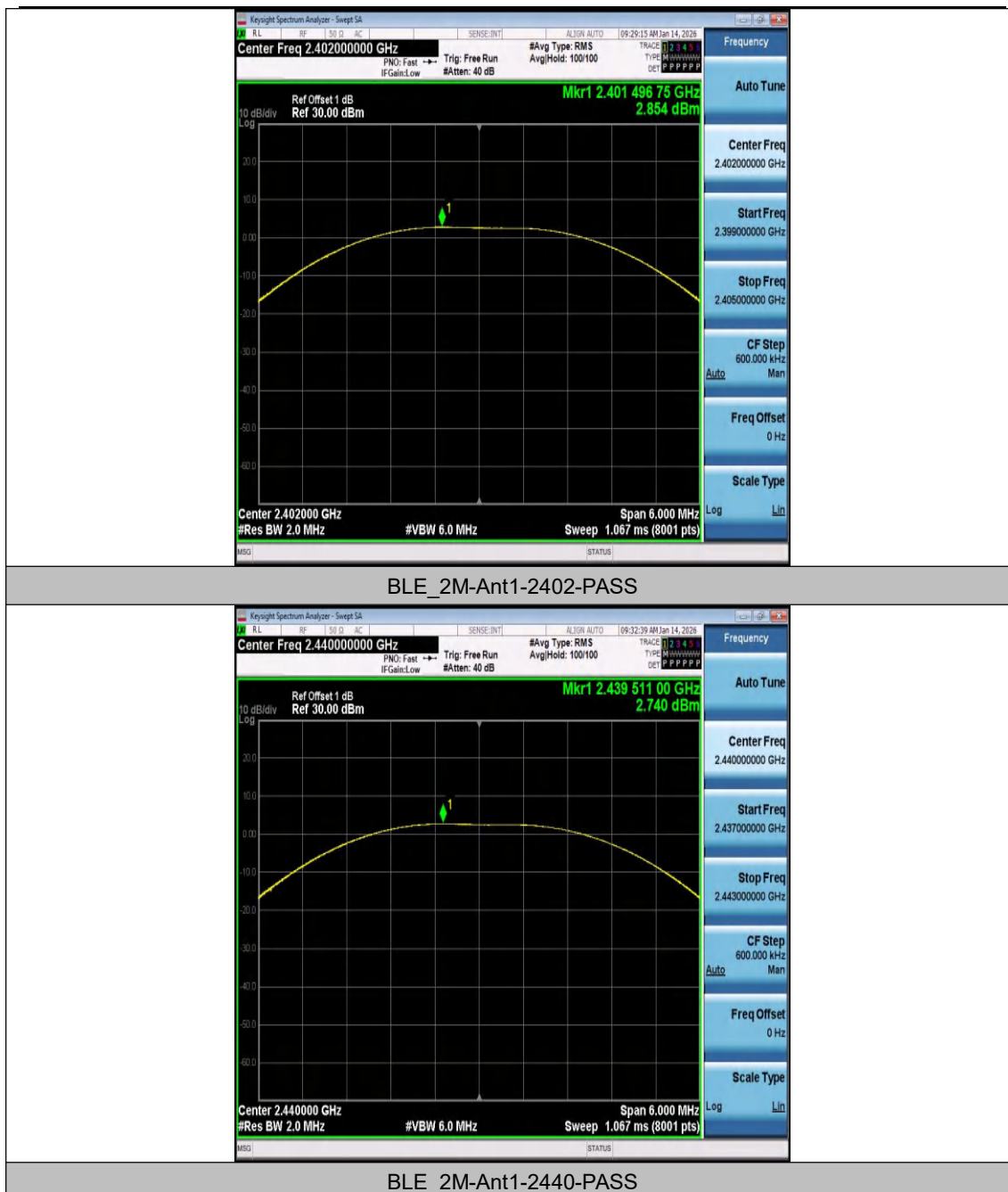




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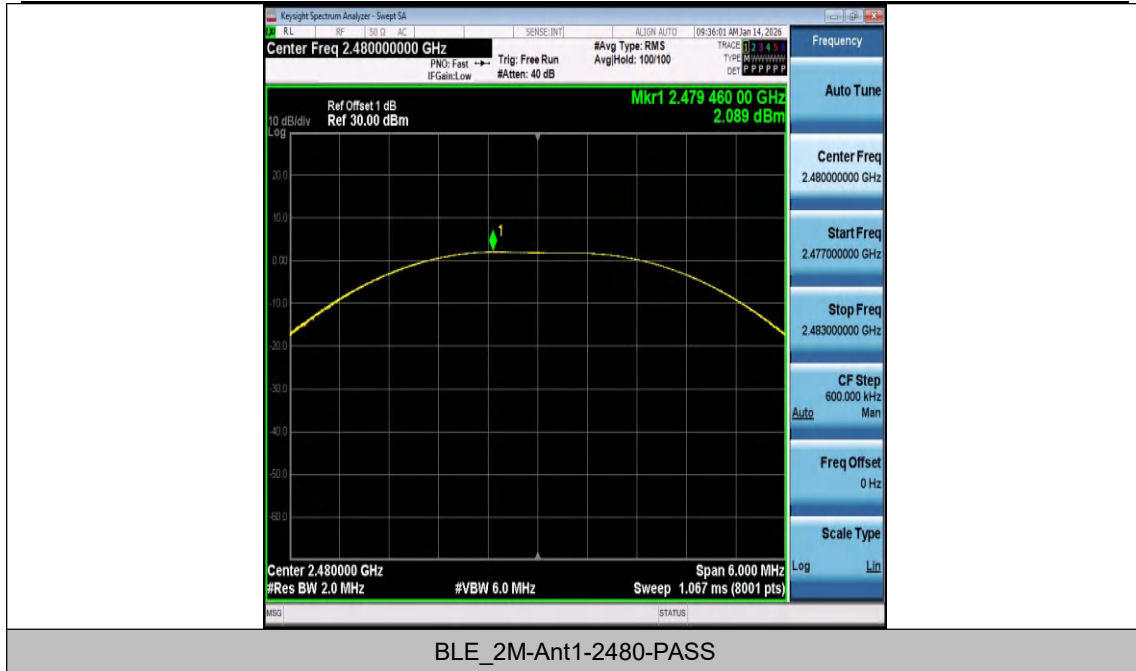
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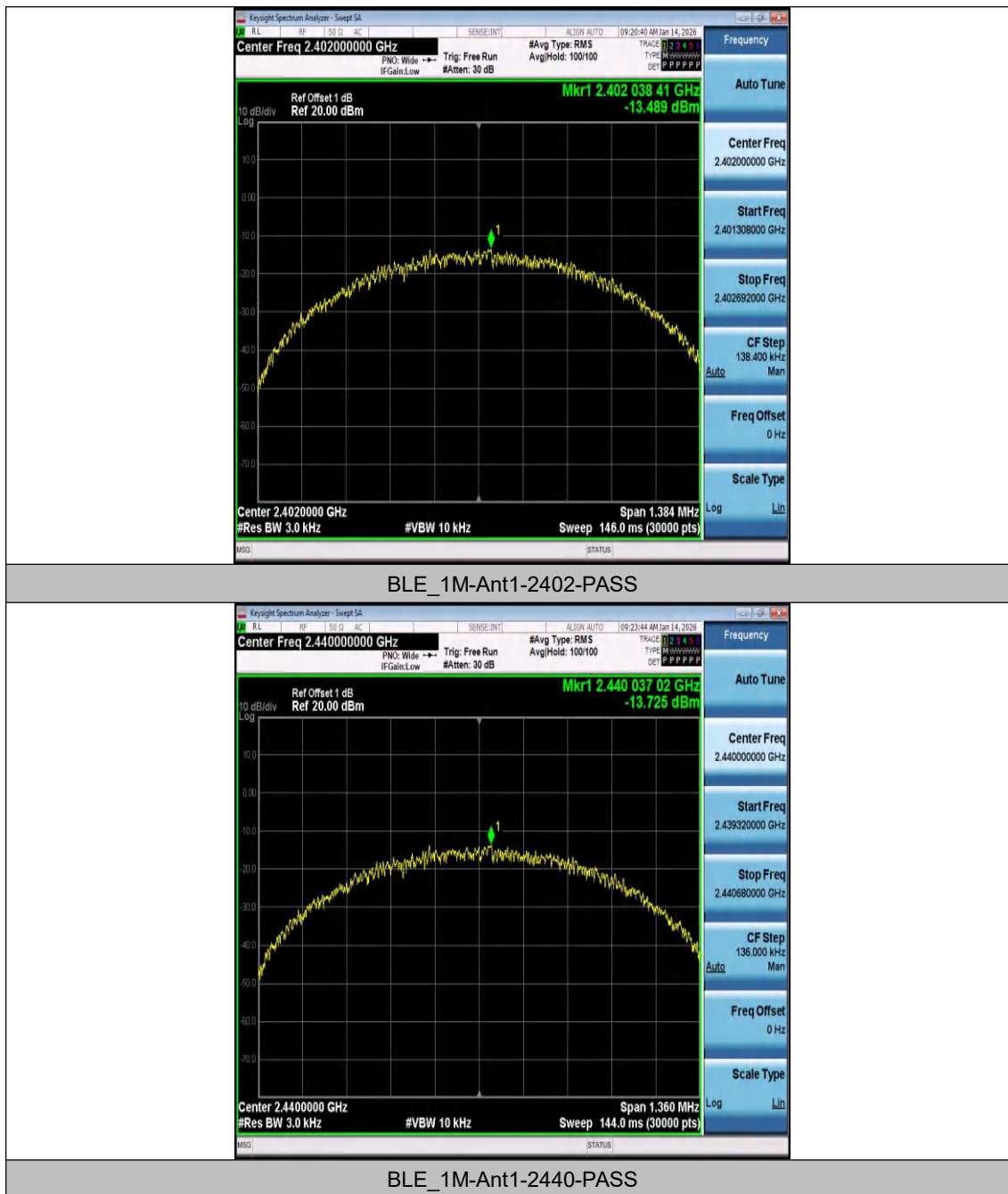
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.49	≤8.00	PASS
BLE_1M	Ant1	2440	-13.73	≤8.00	PASS
BLE_1M	Ant1	2480	-14.20	≤8.00	PASS
BLE_2M	Ant1	2402	-15.58	≤8.00	PASS
BLE_2M	Ant1	2440	-15.49	≤8.00	PASS
BLE_2M	Ant1	2480	-16.17	≤8.00	PASS

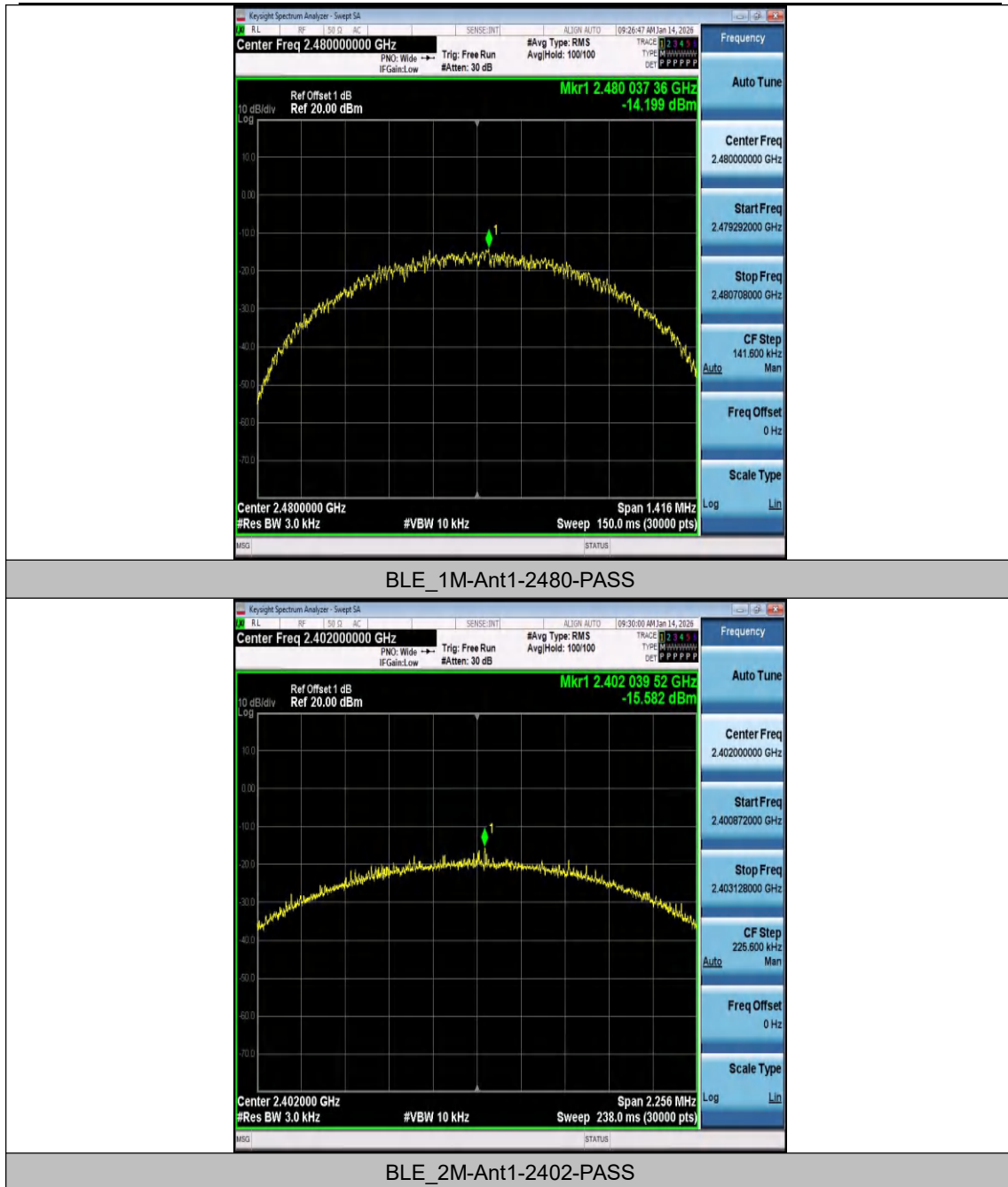
Test Graphs



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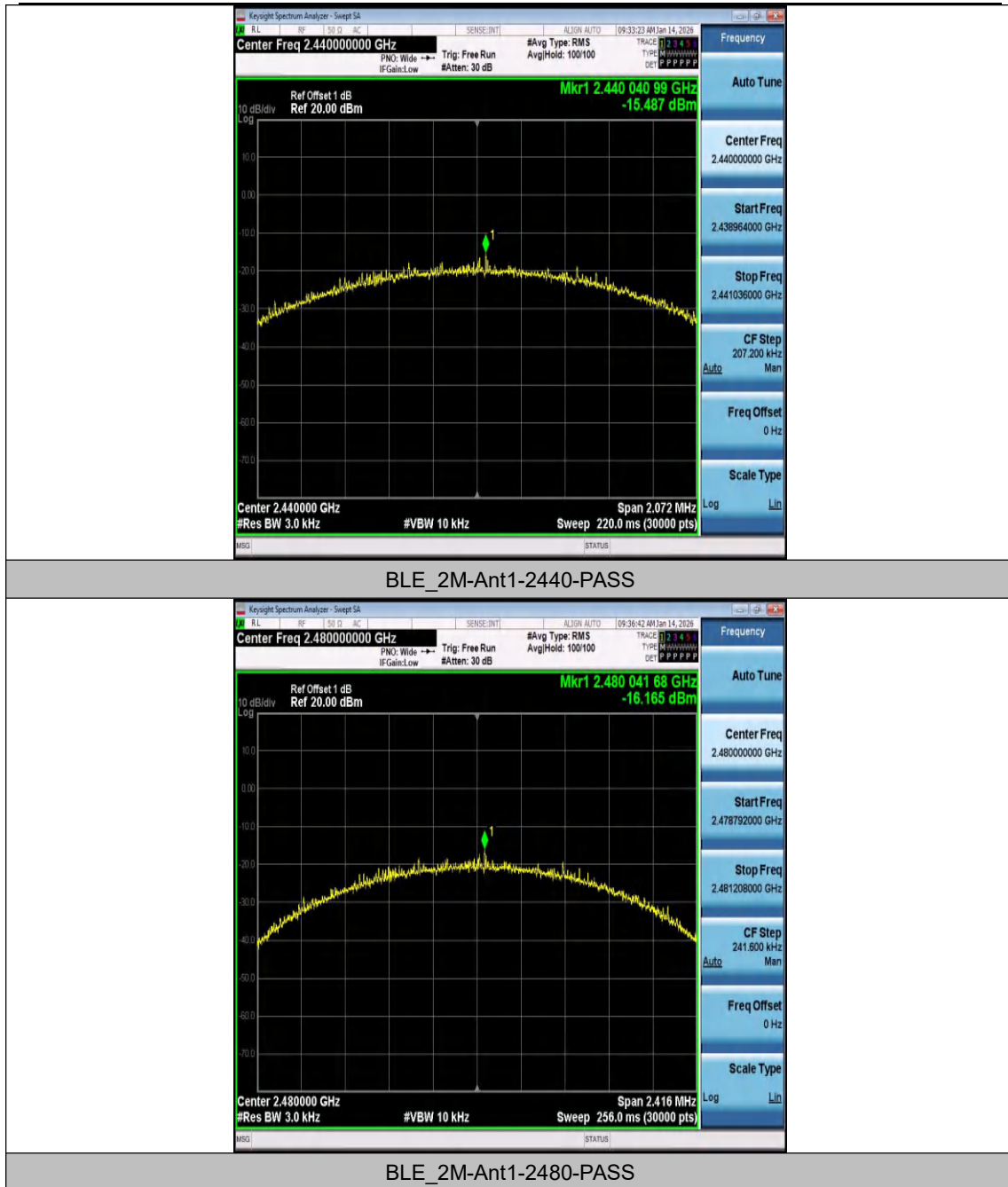
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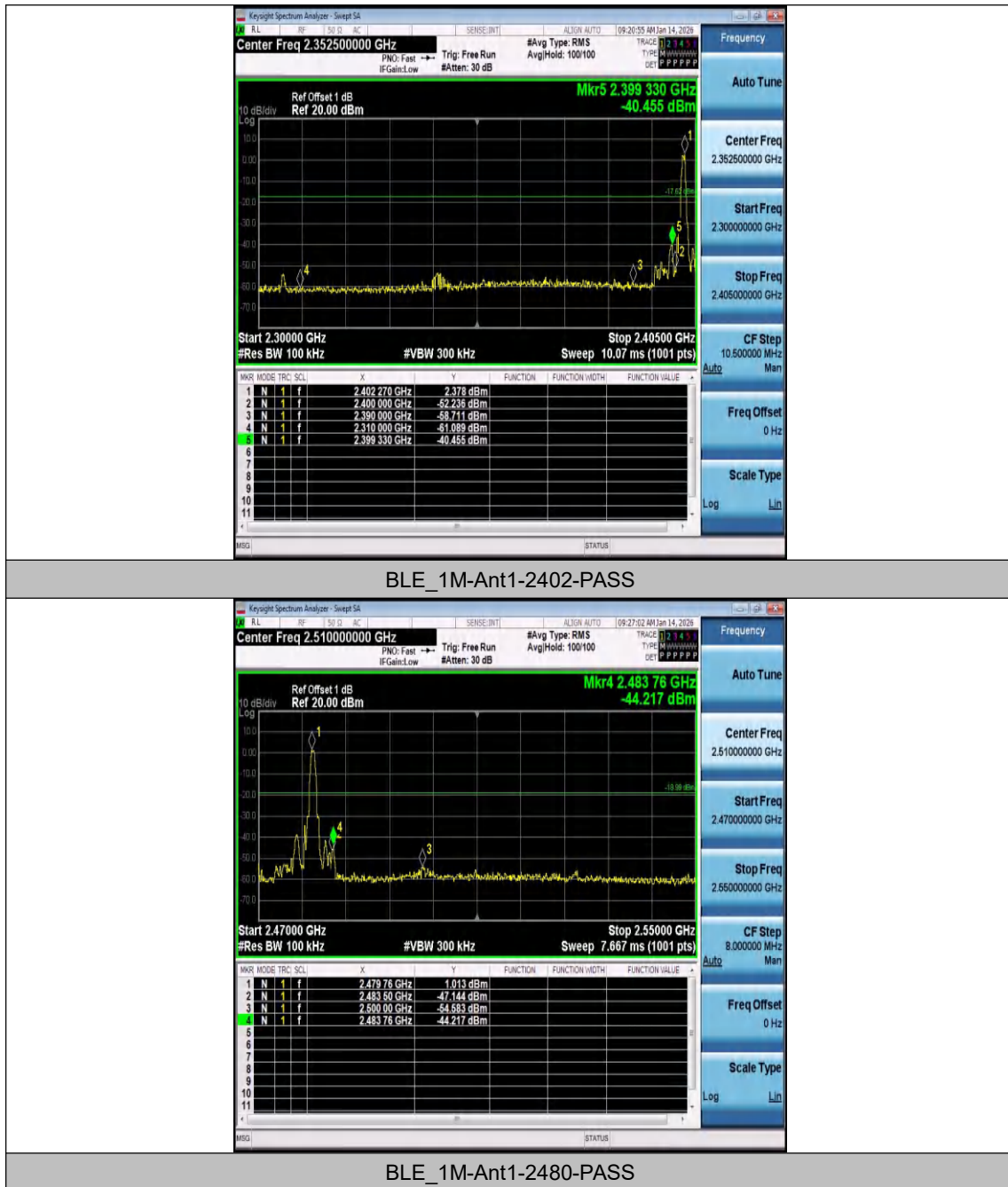
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.38	-40.46	≤-17.62	PASS
BLE_1M	Ant1	High	2480	1.01	-44.22	≤-18.99	PASS
BLE_2M	Ant1	Low	2402	0.44	-30.96	≤-19.56	PASS
BLE_2M	Ant1	High	2480	0.43	-48.82	≤-19.57	PASS

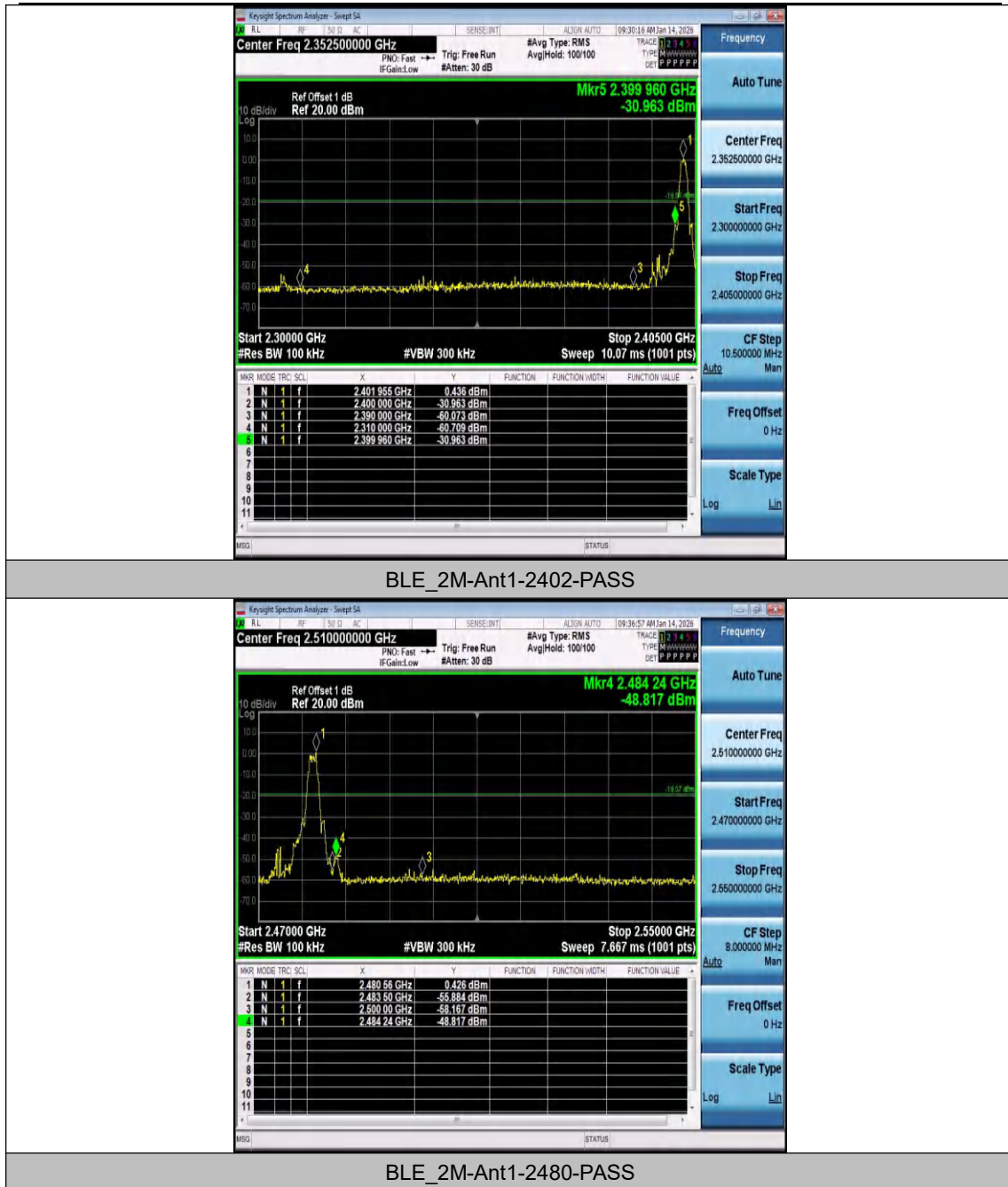
Test Graphs



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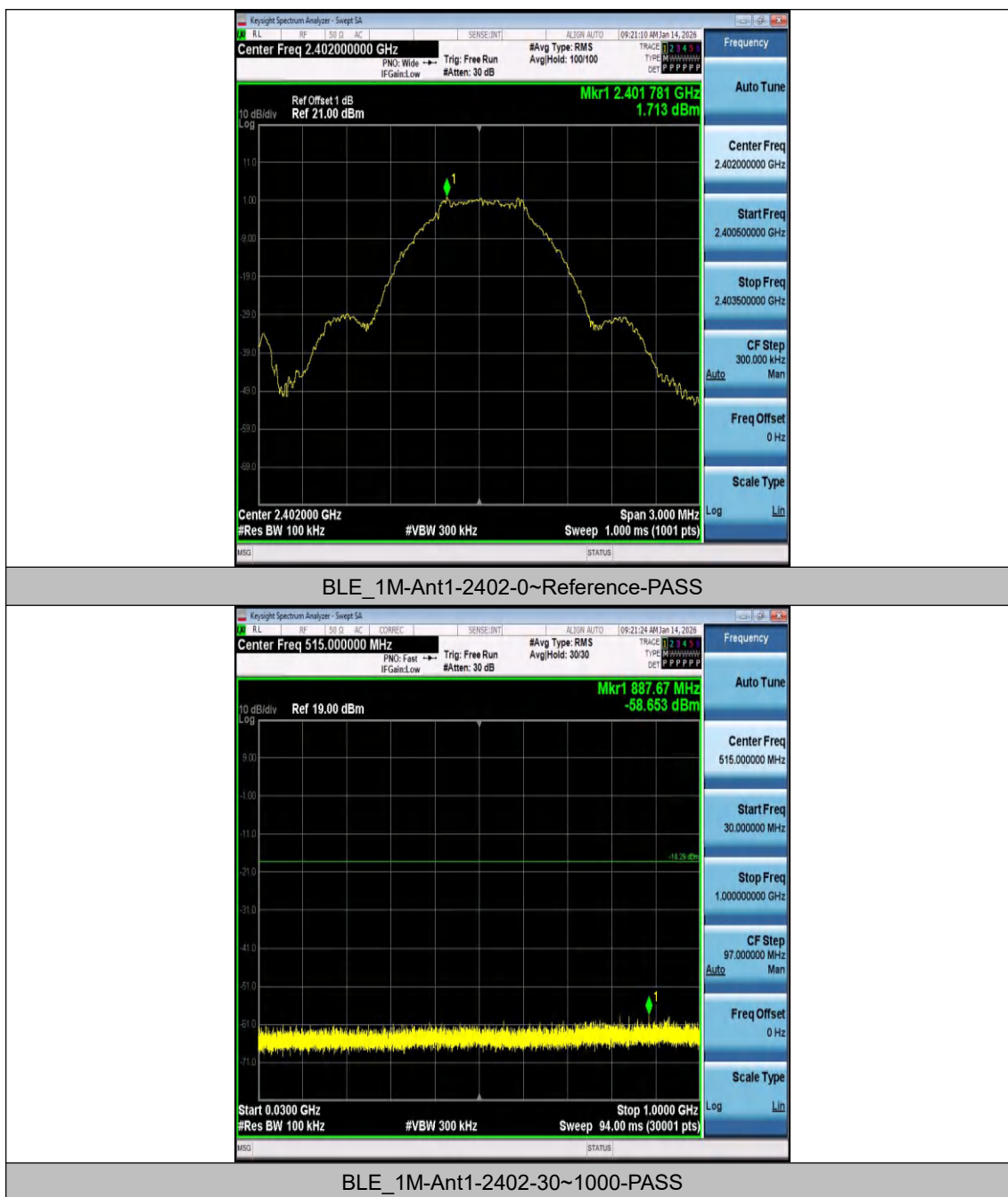
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	1.71	1.71	---	PASS
BLE_1M	Ant1	2402	30~1000	1.71	-58.65	≤-18.29	PASS
BLE_1M	Ant1	2402	1000~26500	1.71	-45.38	≤-18.29	PASS
BLE_1M	Ant1	2440	0~Reference	2.27	2.27	---	PASS
BLE_1M	Ant1	2440	30~1000	2.27	-51.01	≤-17.73	PASS
BLE_1M	Ant1	2440	1000~26500	2.27	-33.51	≤-17.73	PASS
BLE_1M	Ant1	2480	0~Reference	1.42	1.42	---	PASS
BLE_1M	Ant1	2480	30~1000	1.42	-58.97	≤-18.58	PASS
BLE_1M	Ant1	2480	1000~26500	1.42	-47.03	≤-18.58	PASS
BLE_2M	Ant1	2402	0~Reference	2.36	2.36	---	PASS
BLE_2M	Ant1	2402	30~1000	2.36	-57.84	≤-17.64	PASS
BLE_2M	Ant1	2402	1000~26500	2.36	-48.31	≤-17.64	PASS
BLE_2M	Ant1	2440	0~Reference	1.31	1.31	---	PASS
BLE_2M	Ant1	2440	30~1000	1.31	-59.04	≤-18.69	PASS
BLE_2M	Ant1	2440	1000~26500	1.31	-48.1	≤-18.69	PASS
BLE_2M	Ant1	2480	0~Reference	1.43	1.43	---	PASS
BLE_2M	Ant1	2480	30~1000	1.43	-44.92	≤-18.57	PASS
BLE_2M	Ant1	2480	1000~26500	1.43	-48.28	≤-18.57	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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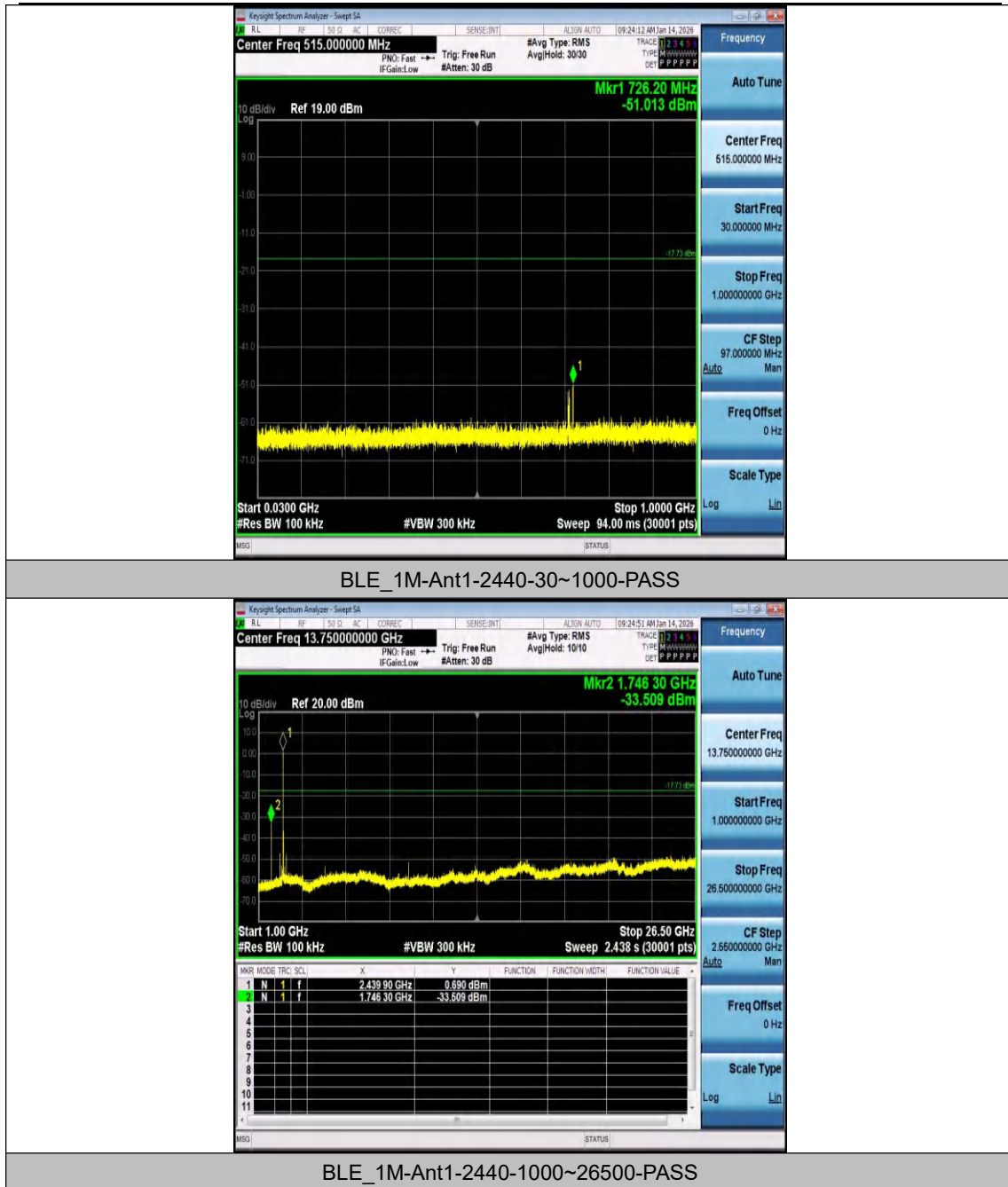
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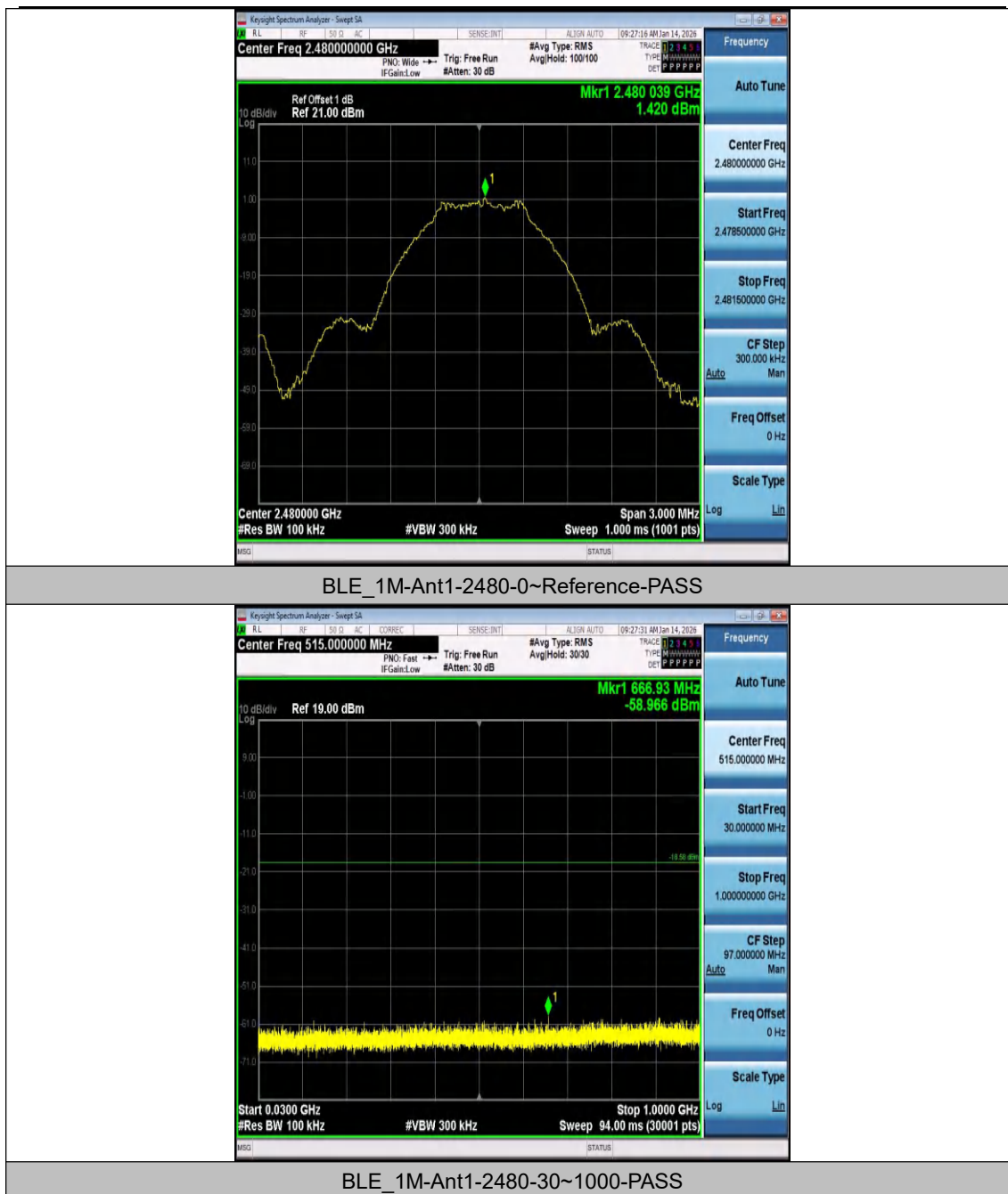
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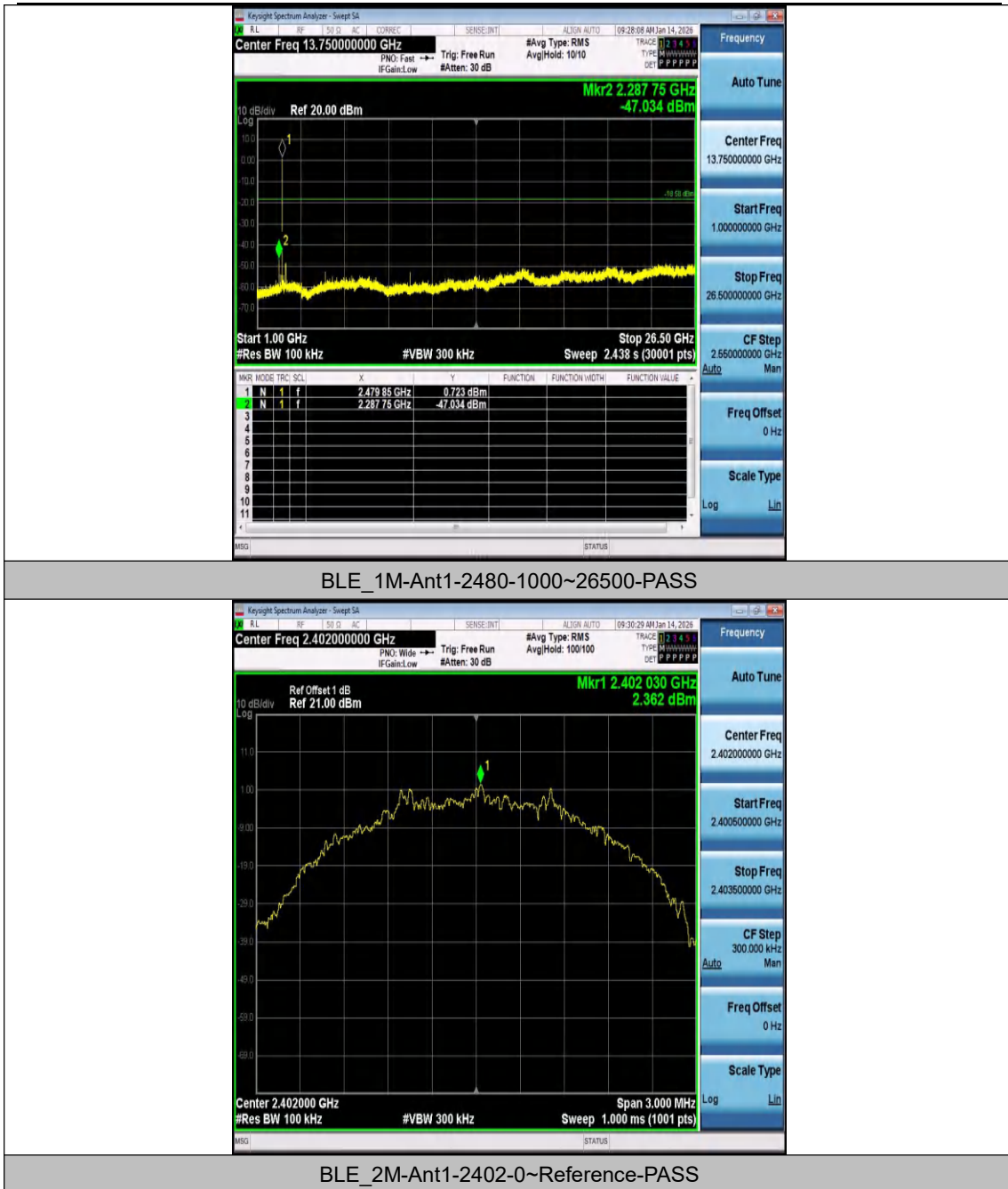
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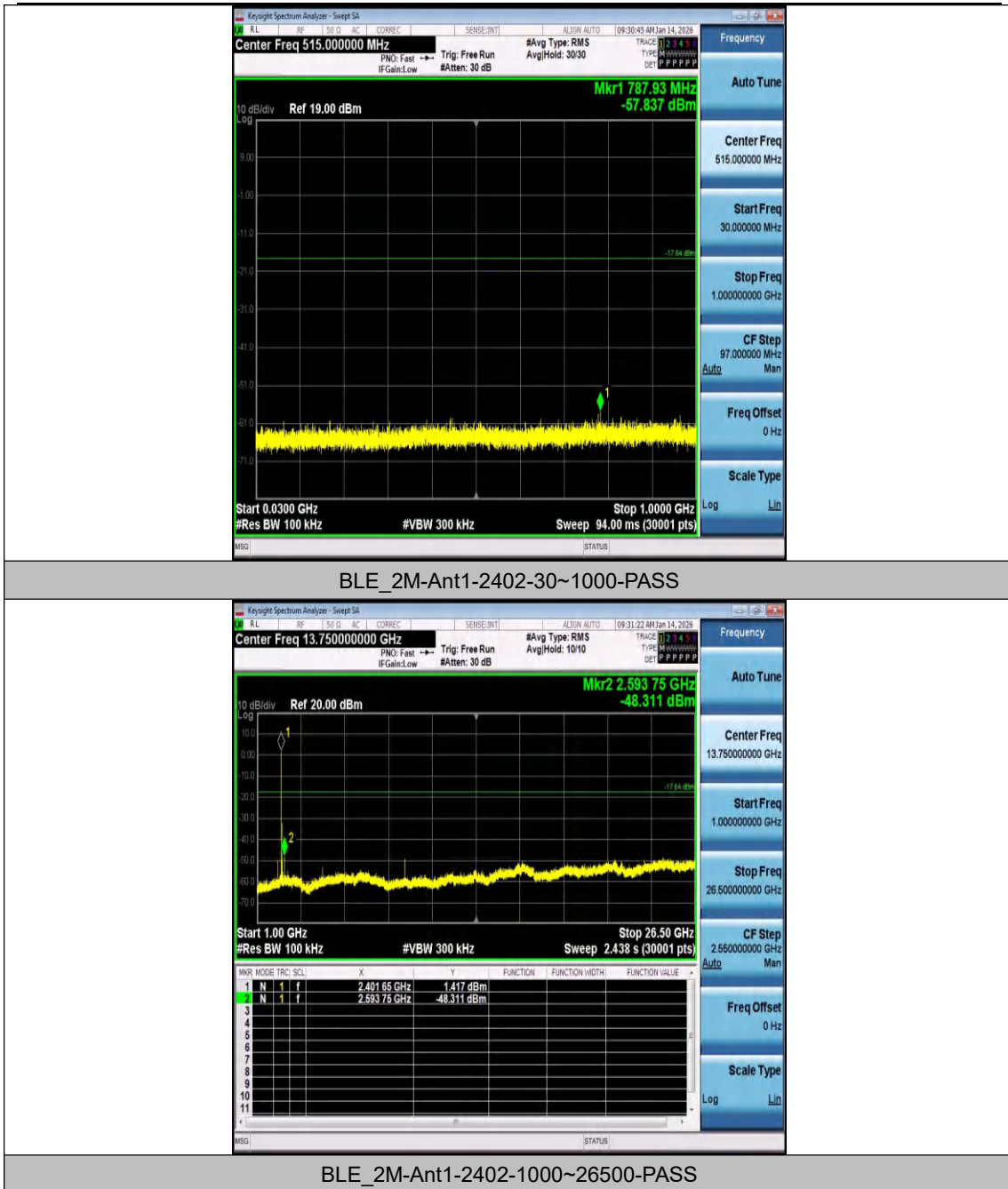
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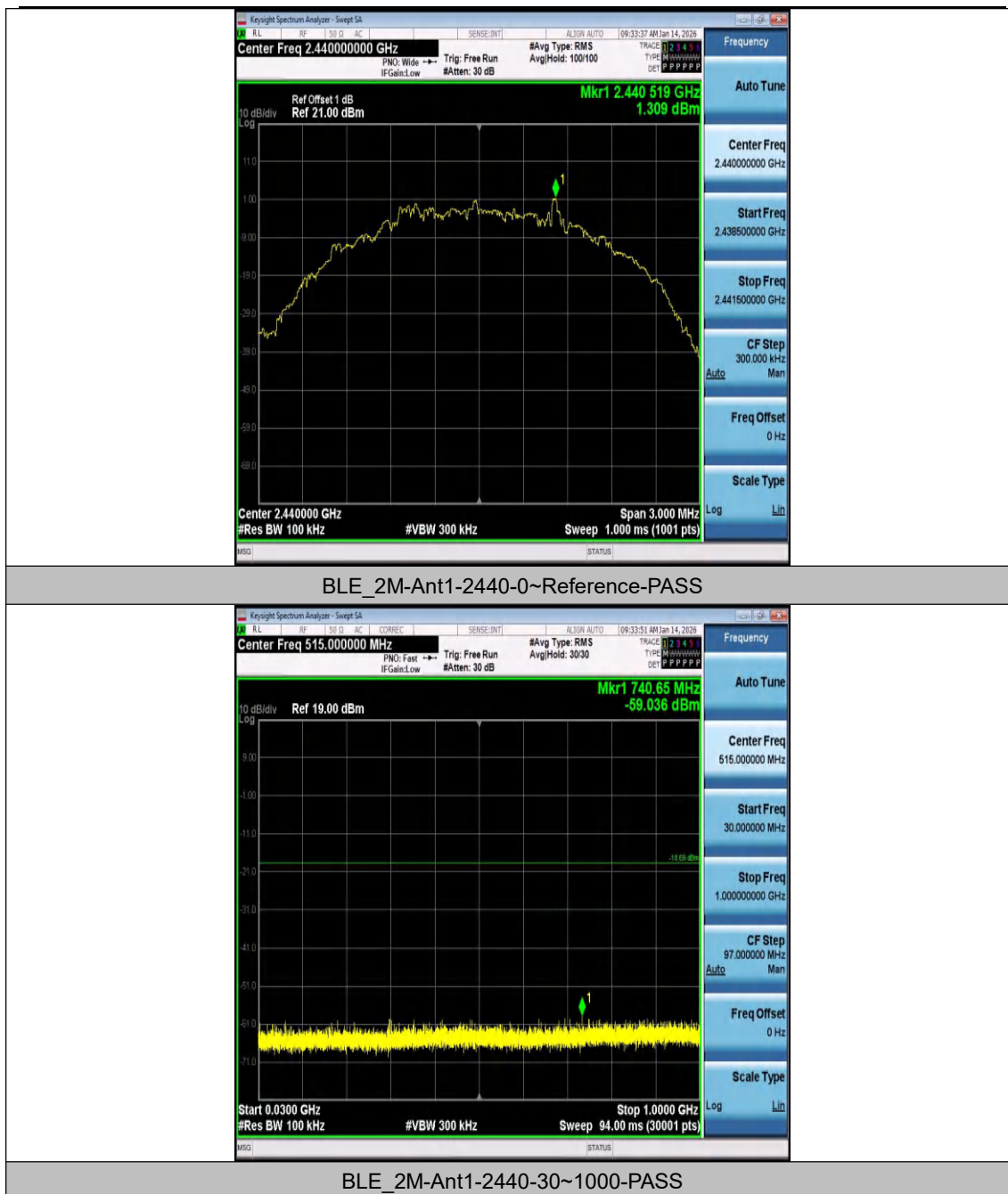
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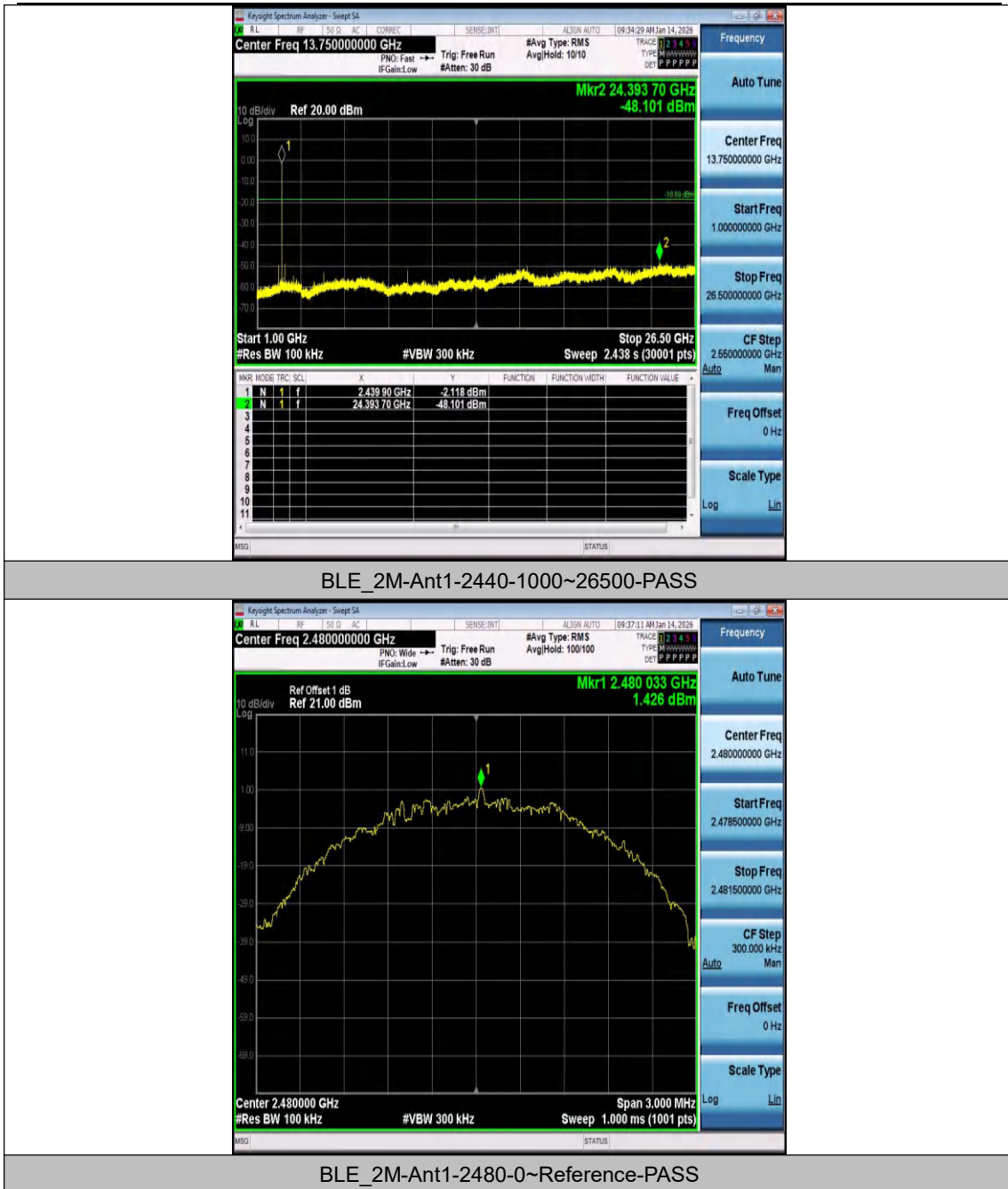
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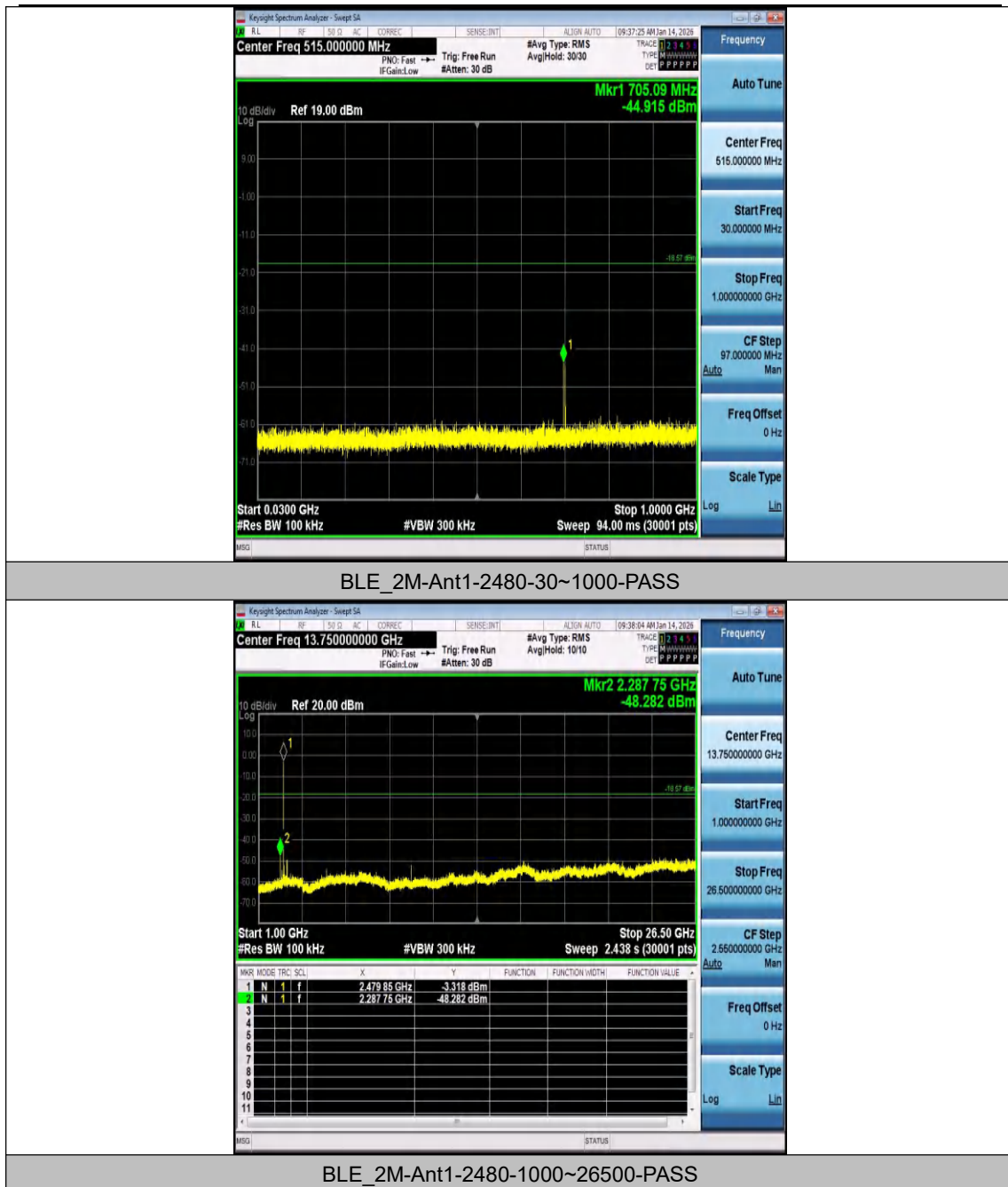
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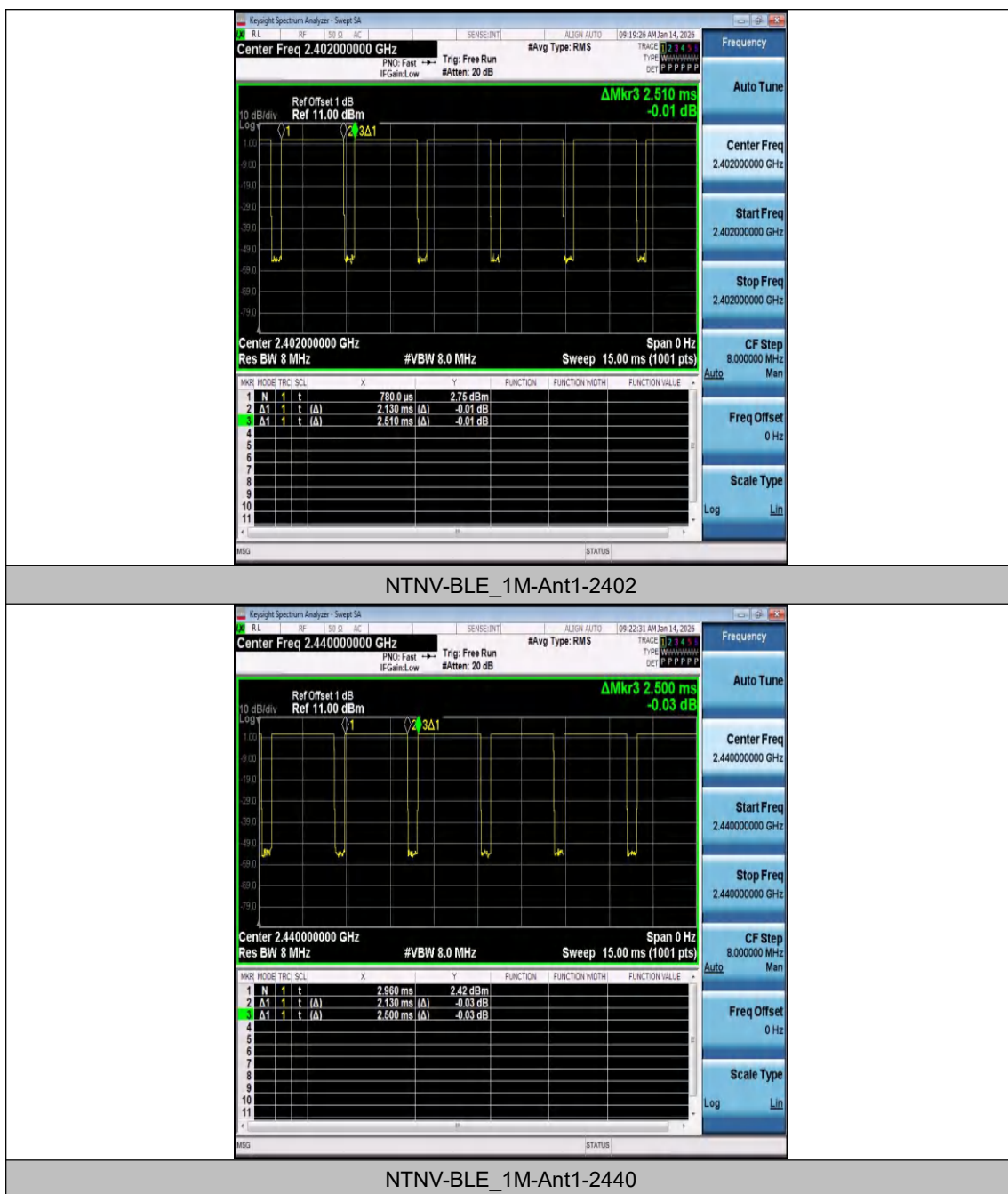
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Appendix G: Duty Cycle

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
BLE_2M	Ant1	2402	1.08	2.51	43.03	3.66
BLE_2M	Ant1	2440	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2480	1.08	2.51	43.03	3.66

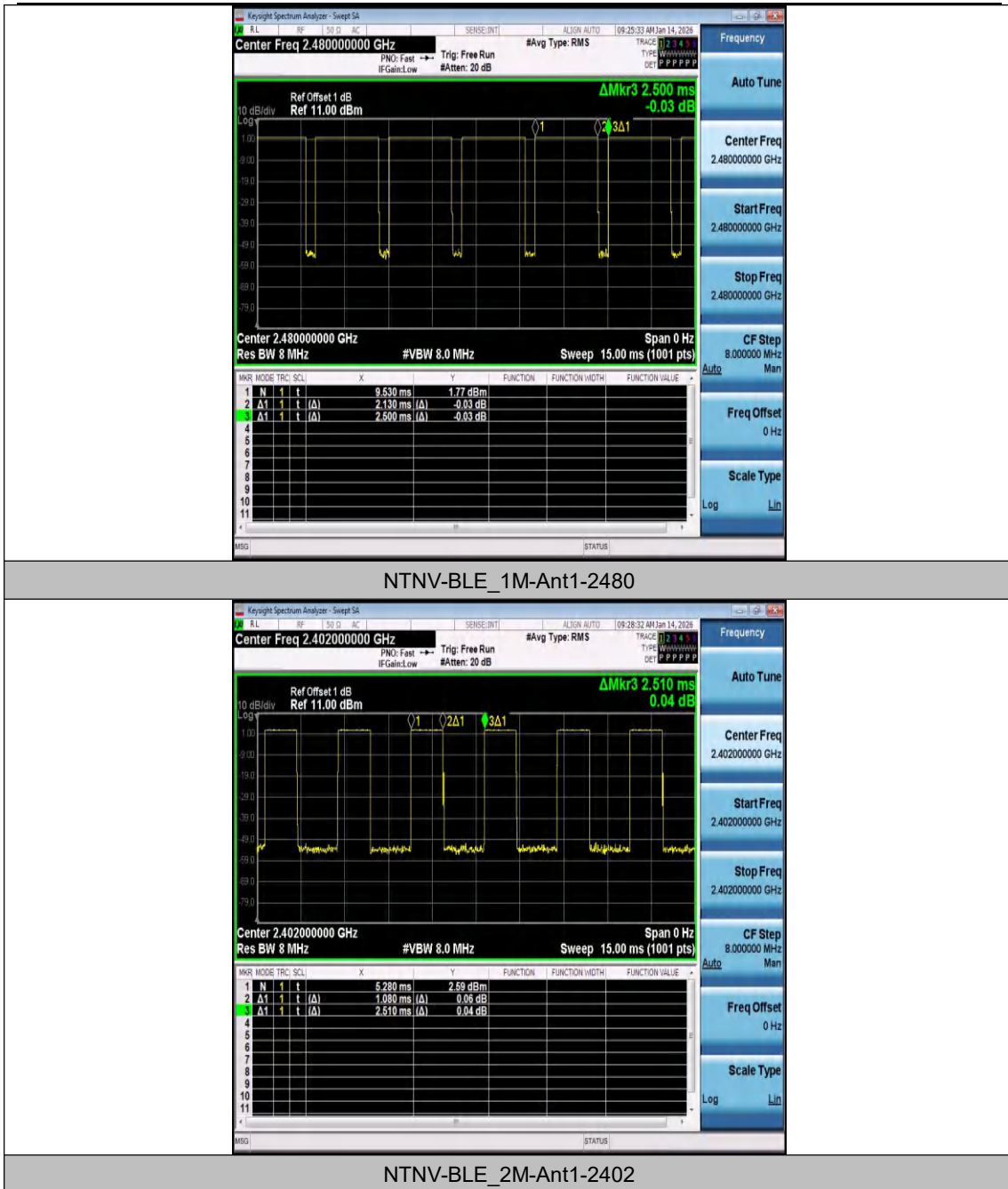
Test Graphs



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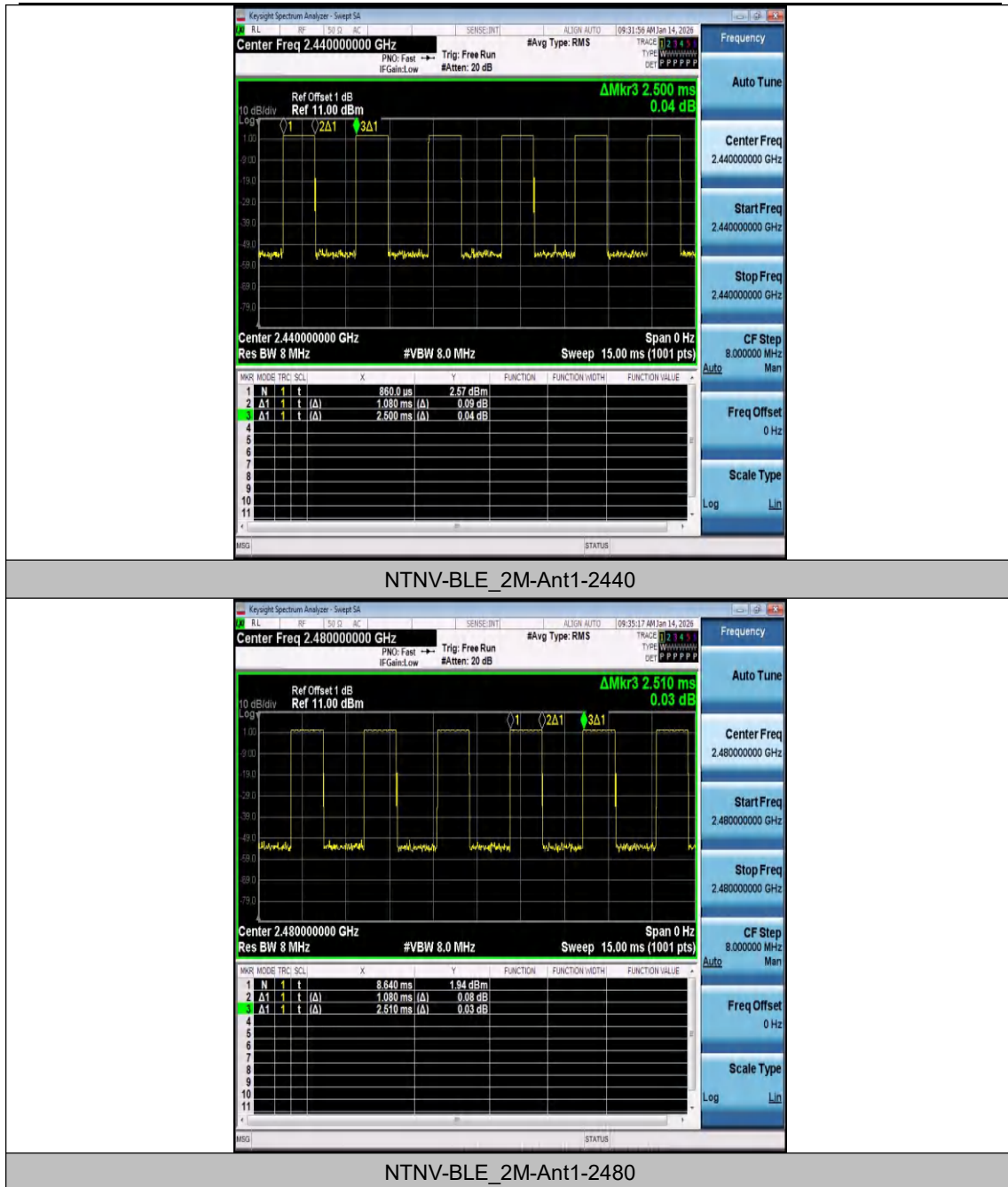
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