

Appendix Test Data

Report No.:	1819C60031712502-02	Test Sample No.:	1-2-2
Start Test Date:	2026-3-31	Finish Test Date:	2026-4-9
Test Engineer:	Huysen Guan	Auditor:	Justin Feng
Temperature:	26°C	Relative Humidity:	45%
Pressure:	101kPa		

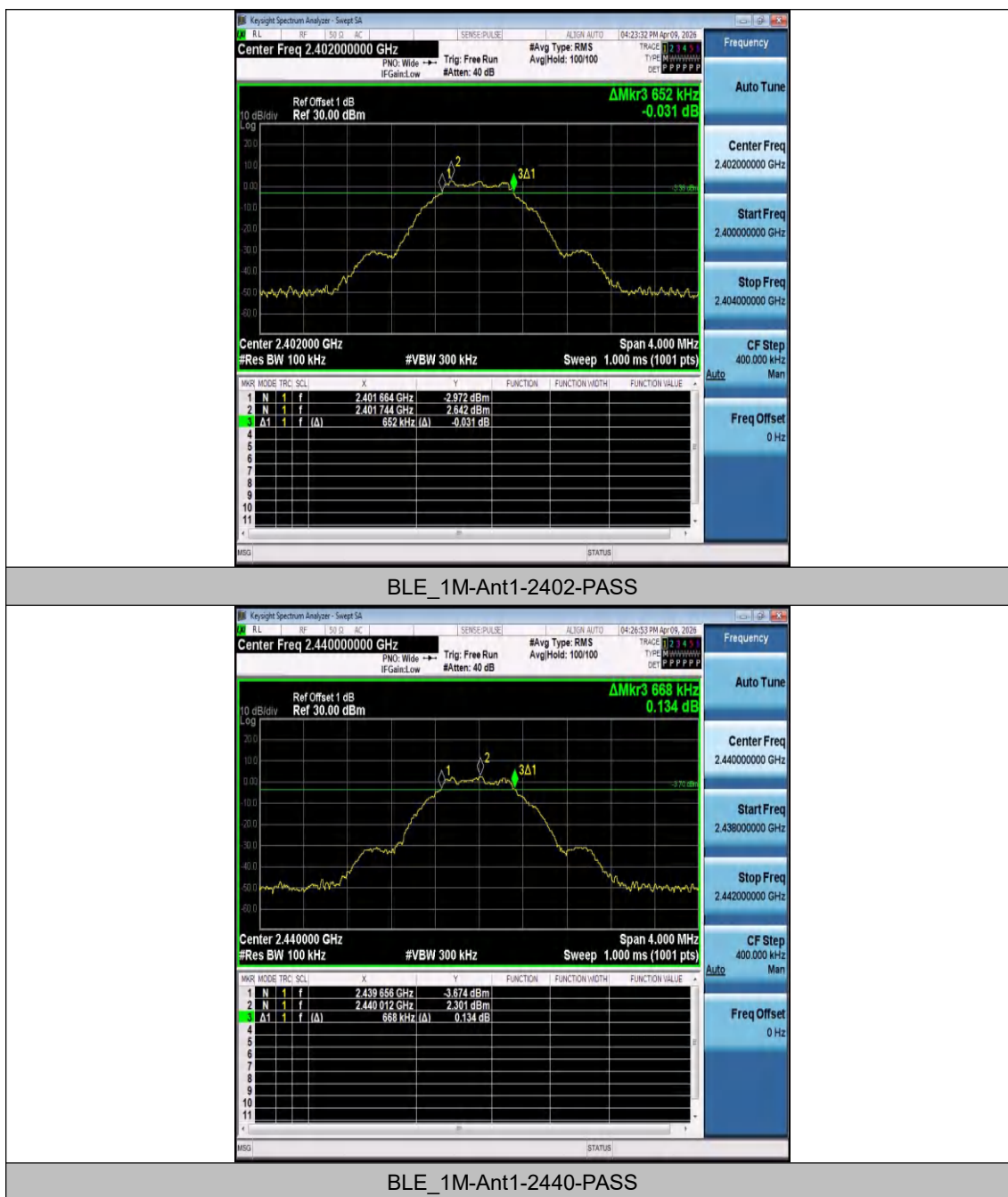


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.652	2401.664	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.668	2439.656	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.664	2479.652	2480.316	0.5	PASS
BLE_2M	Ant1	2402	1.360	2401.276	2402.636	0.5	PASS
BLE_2M	Ant1	2440	1.348	2439.288	2440.636	0.5	PASS
BLE_2M	Ant1	2480	1.340	2479.276	2480.616	0.5	PASS

Test Graphs





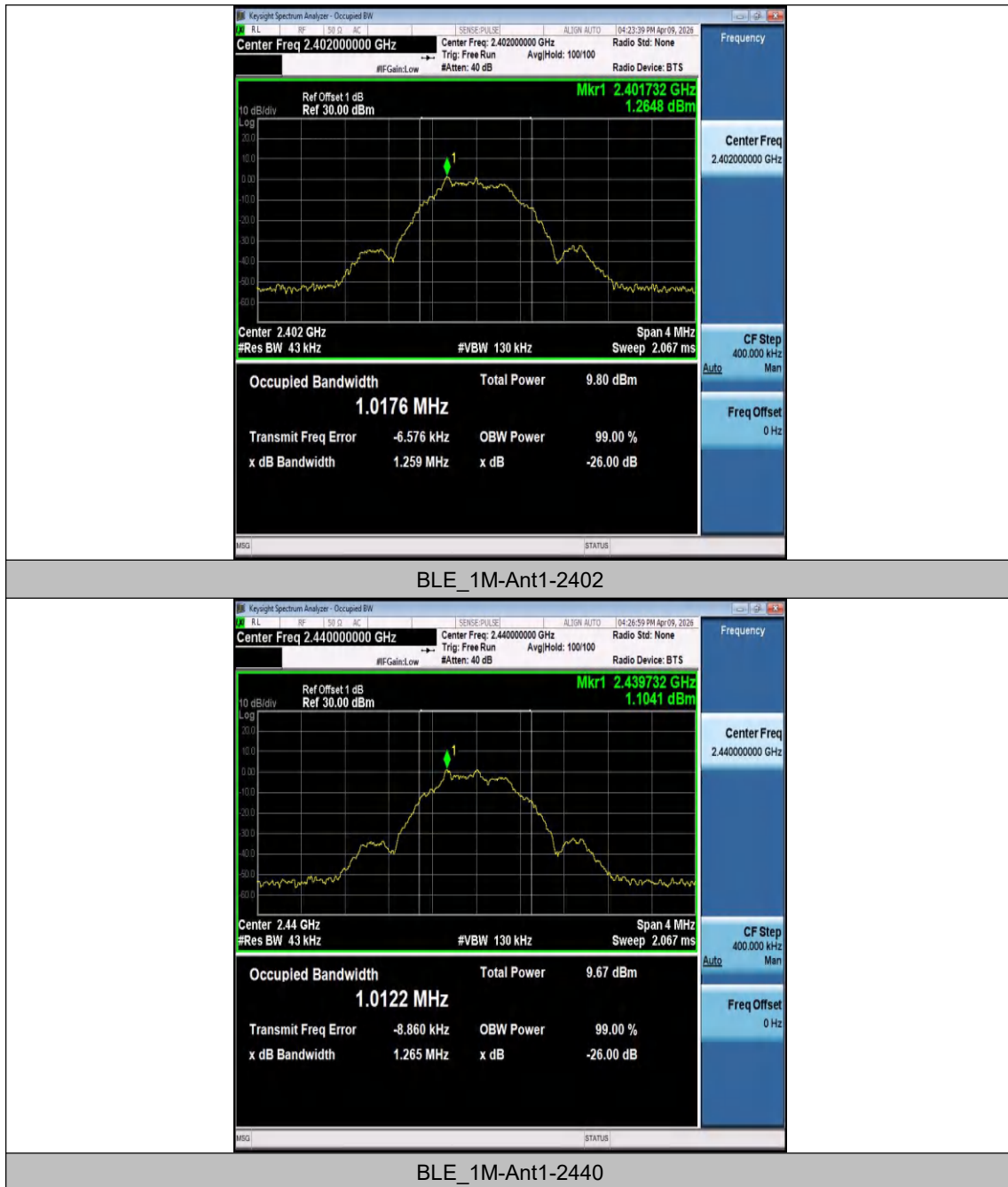


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0176	2401.4846	2402.5022	---	---
BLE_1M	Ant1	2440	1.0122	2439.4850	2440.4972	---	---
BLE_1M	Ant1	2480	1.0173	2479.4863	2480.5036	---	---
BLE_2M	Ant1	2402	2.0188	2400.9950	2403.0138	---	---
BLE_2M	Ant1	2440	2.0211	2438.9917	2441.0128	---	---
BLE_2M	Ant1	2480	2.0268	2478.9934	2481.0202	---	---

Test Graphs



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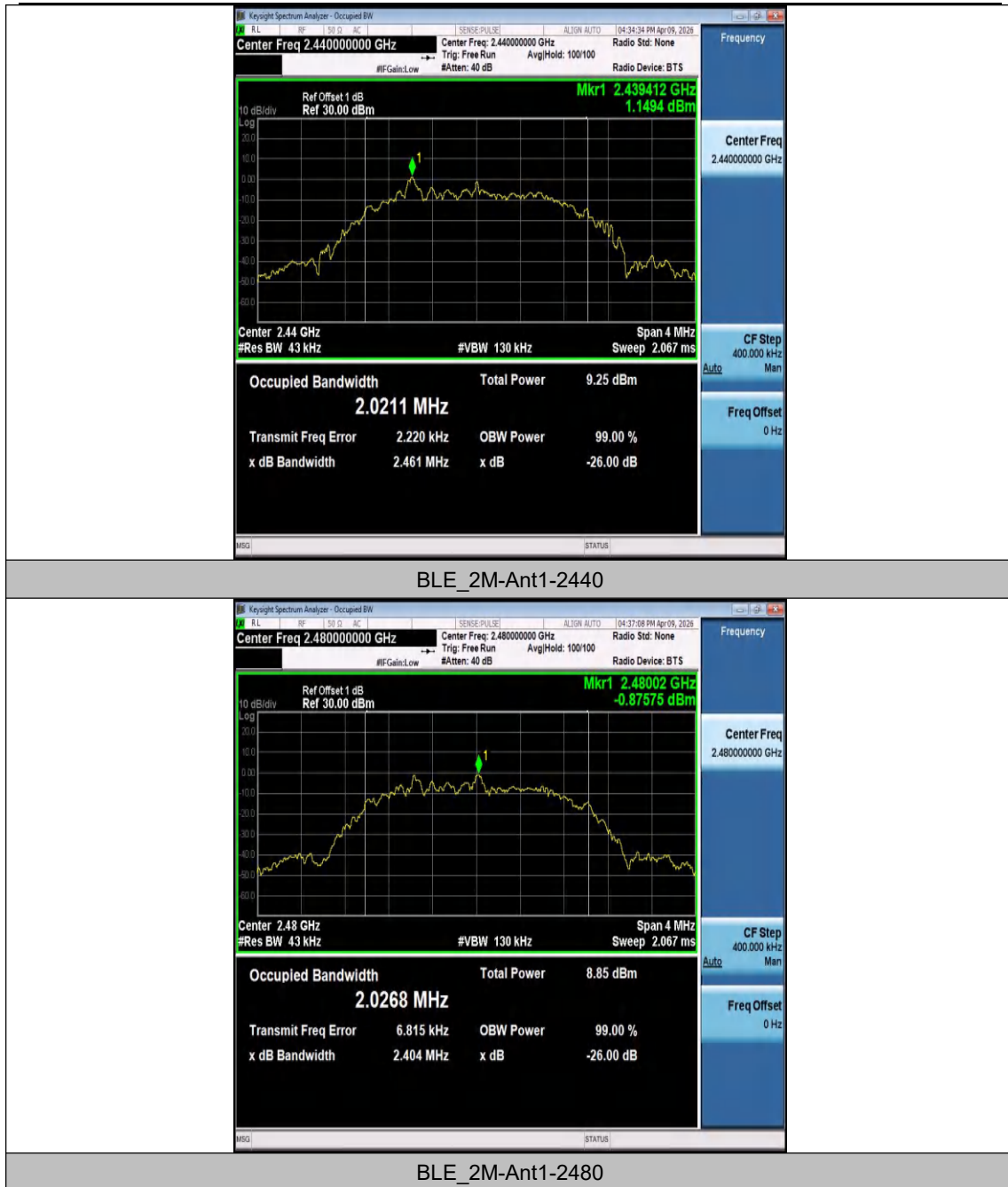
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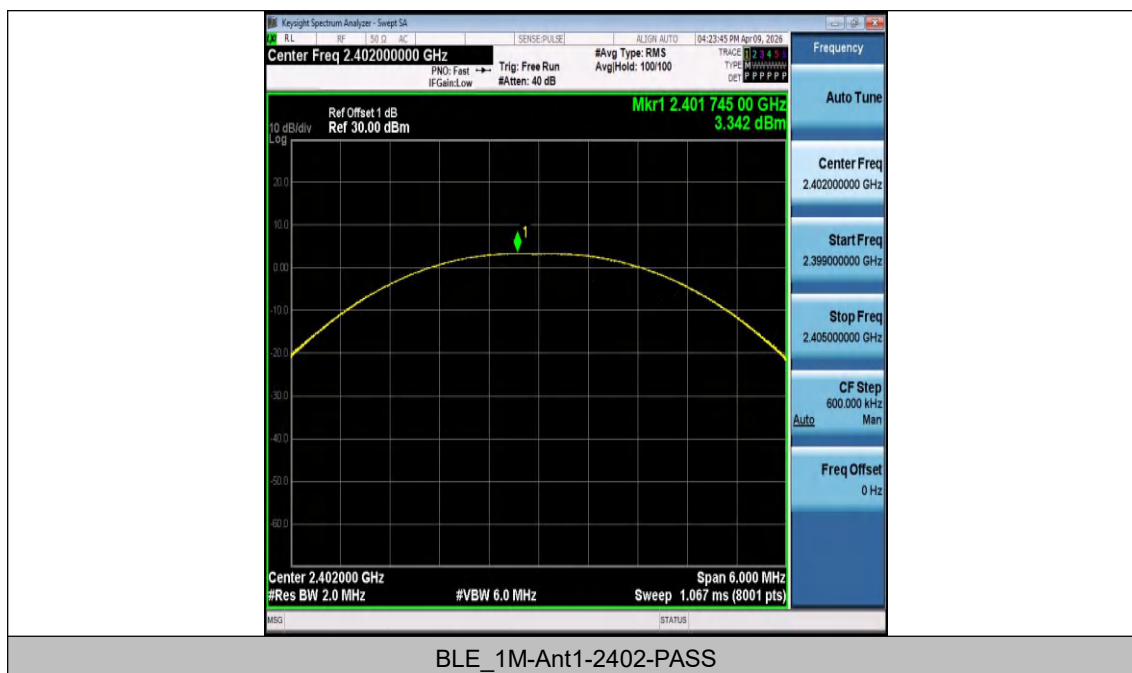
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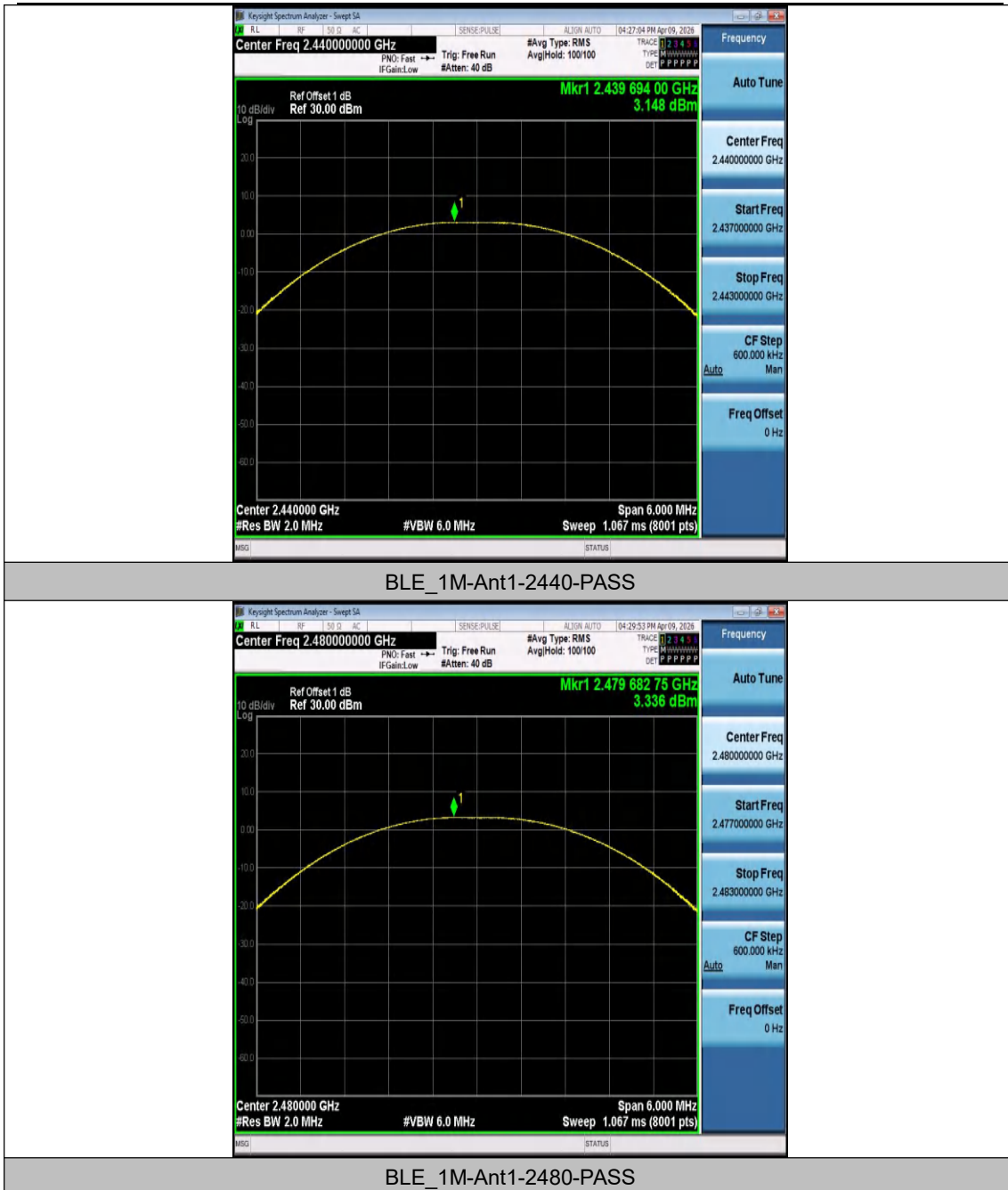
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	3.34	≤30	PASS
BLE_1M	Ant1	2440	3.15	≤30	PASS
BLE_1M	Ant1	2480	3.34	≤30	PASS
BLE_2M	Ant1	2402	3.54	≤30	PASS
BLE_2M	Ant1	2440	3.31	≤30	PASS
BLE_2M	Ant1	2480	3.52	≤30	PASS

Test Graphs Peak

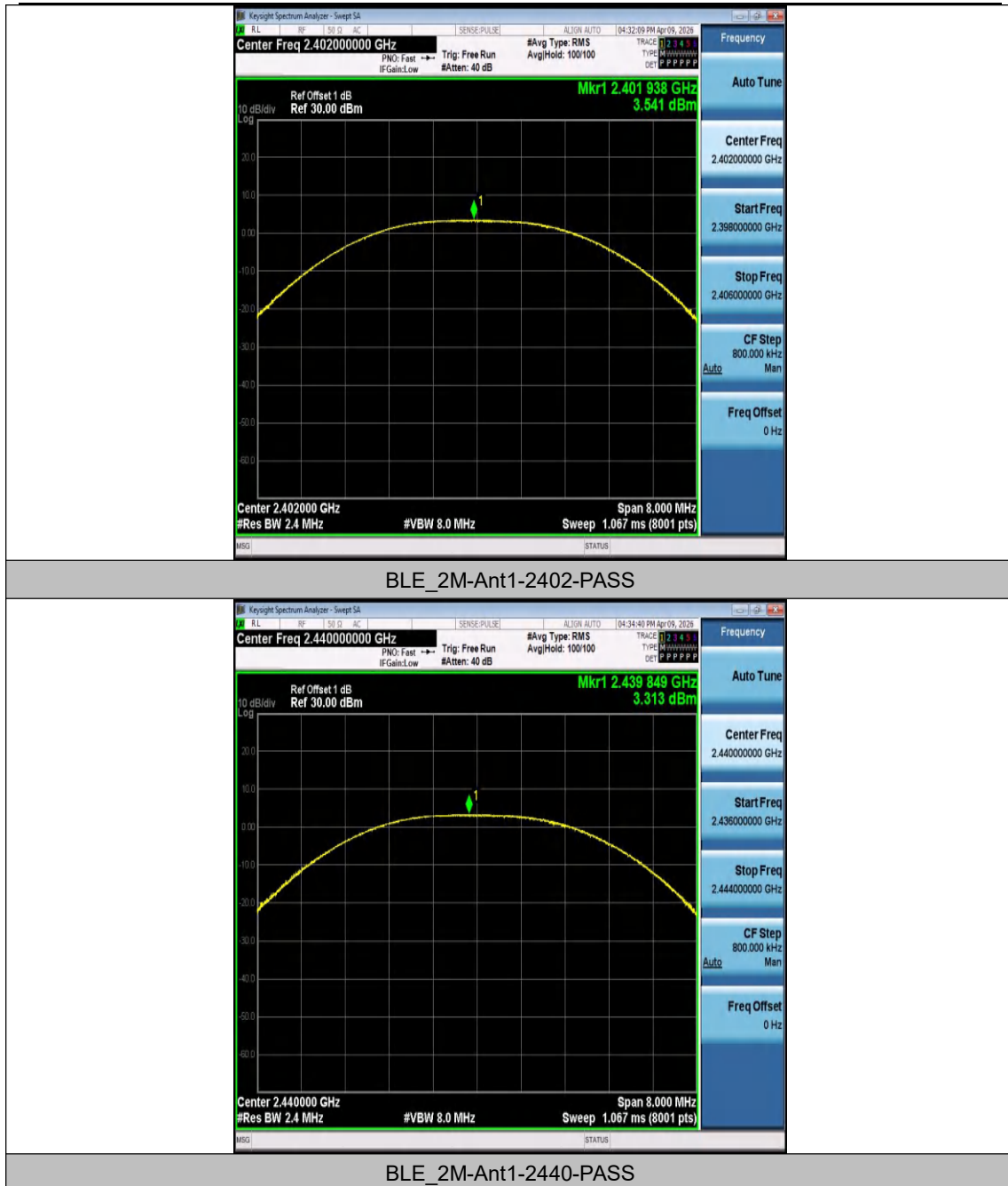




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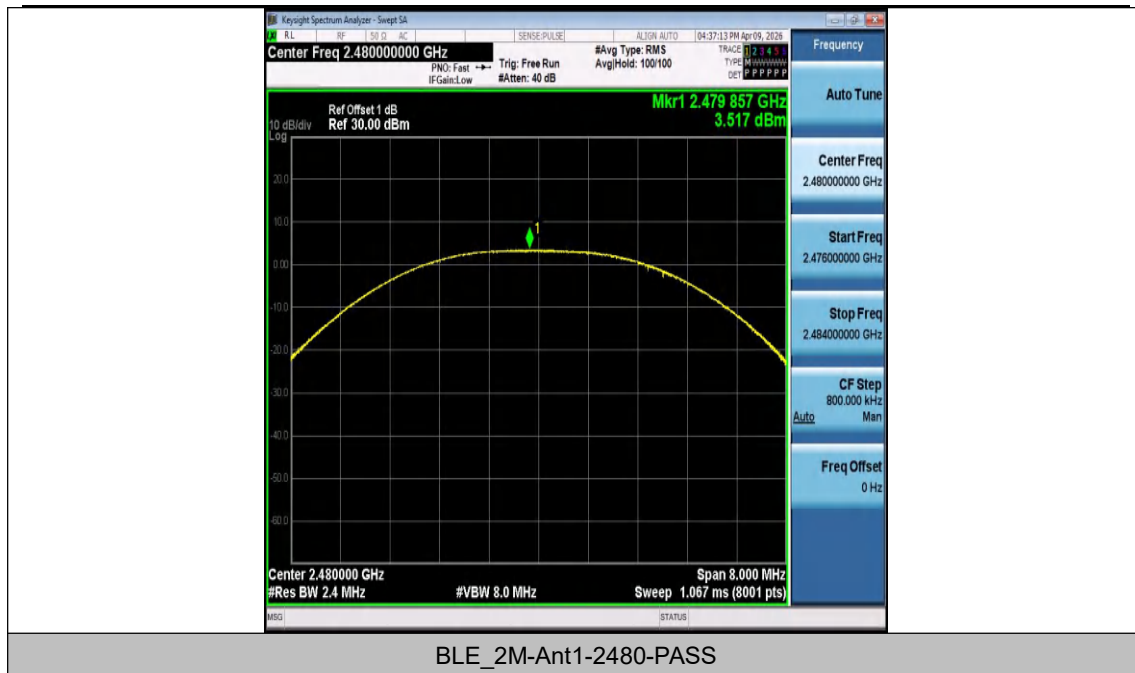
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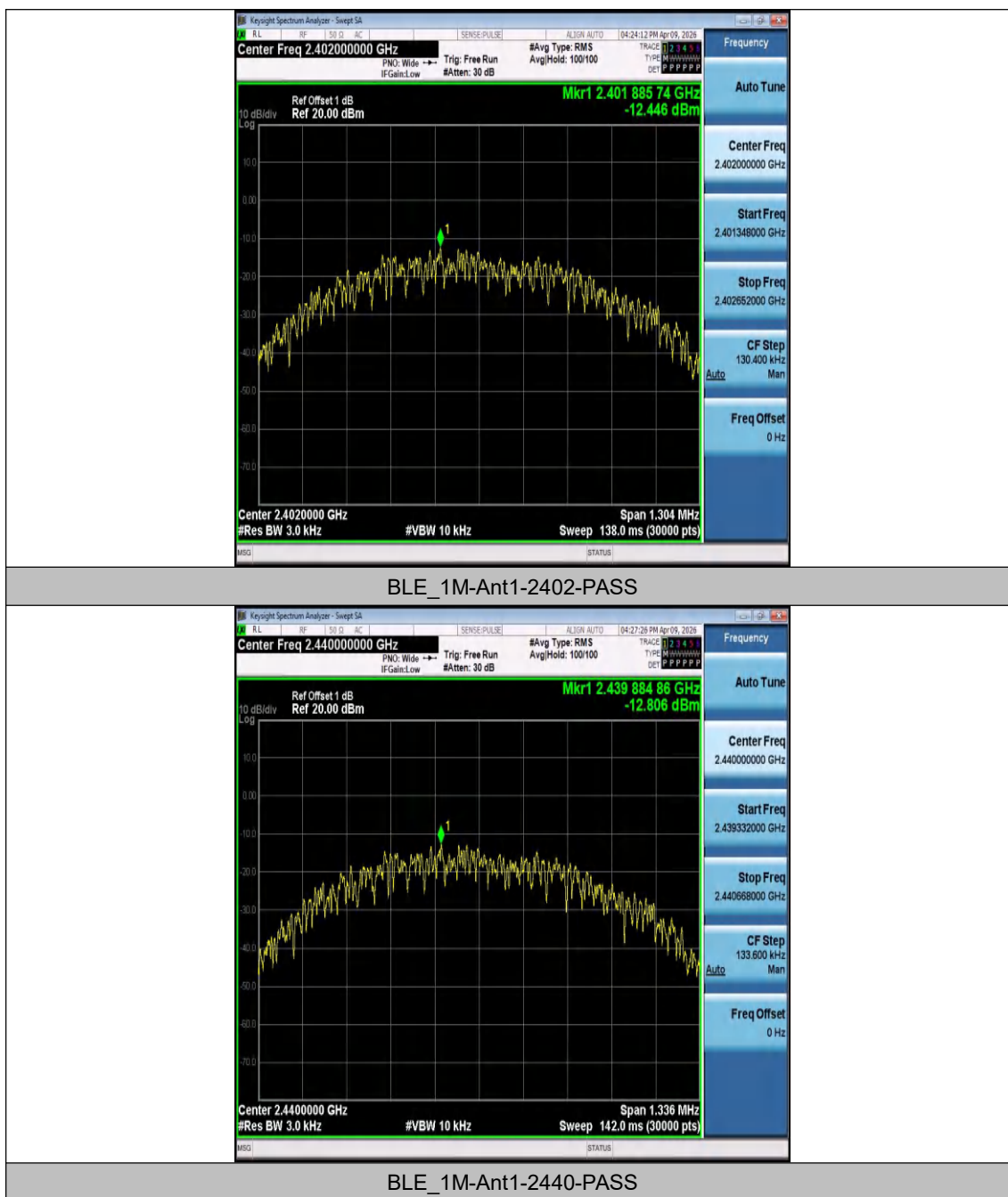
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.45	≤8.00	PASS
BLE_1M	Ant1	2440	-12.81	≤8.00	PASS
BLE_1M	Ant1	2480	-12.52	≤8.00	PASS
BLE_2M	Ant1	2402	-15.33	≤8.00	PASS
BLE_2M	Ant1	2440	-15.28	≤8.00	PASS
BLE_2M	Ant1	2480	-15.48	≤8.00	PASS

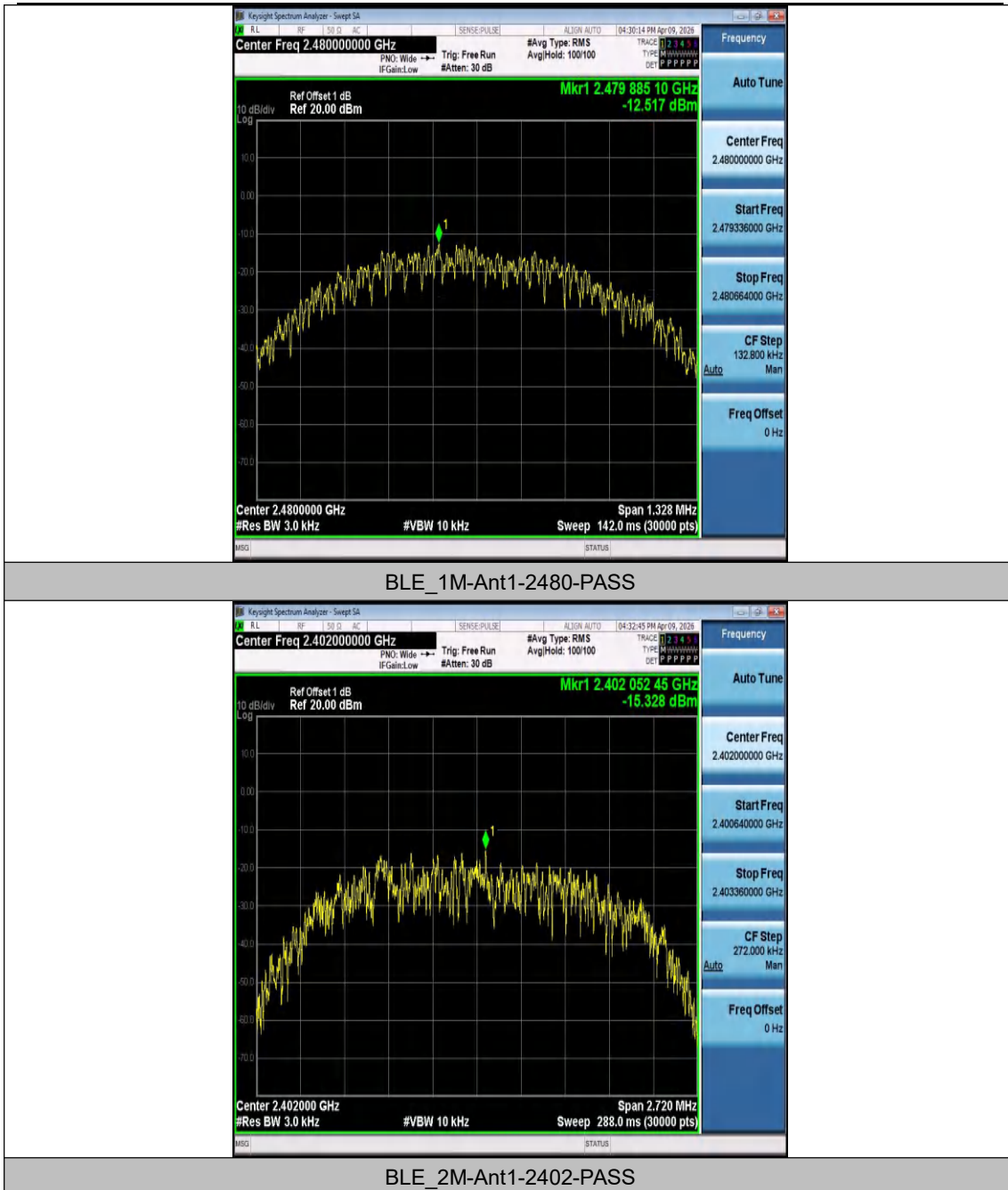
Test Graphs



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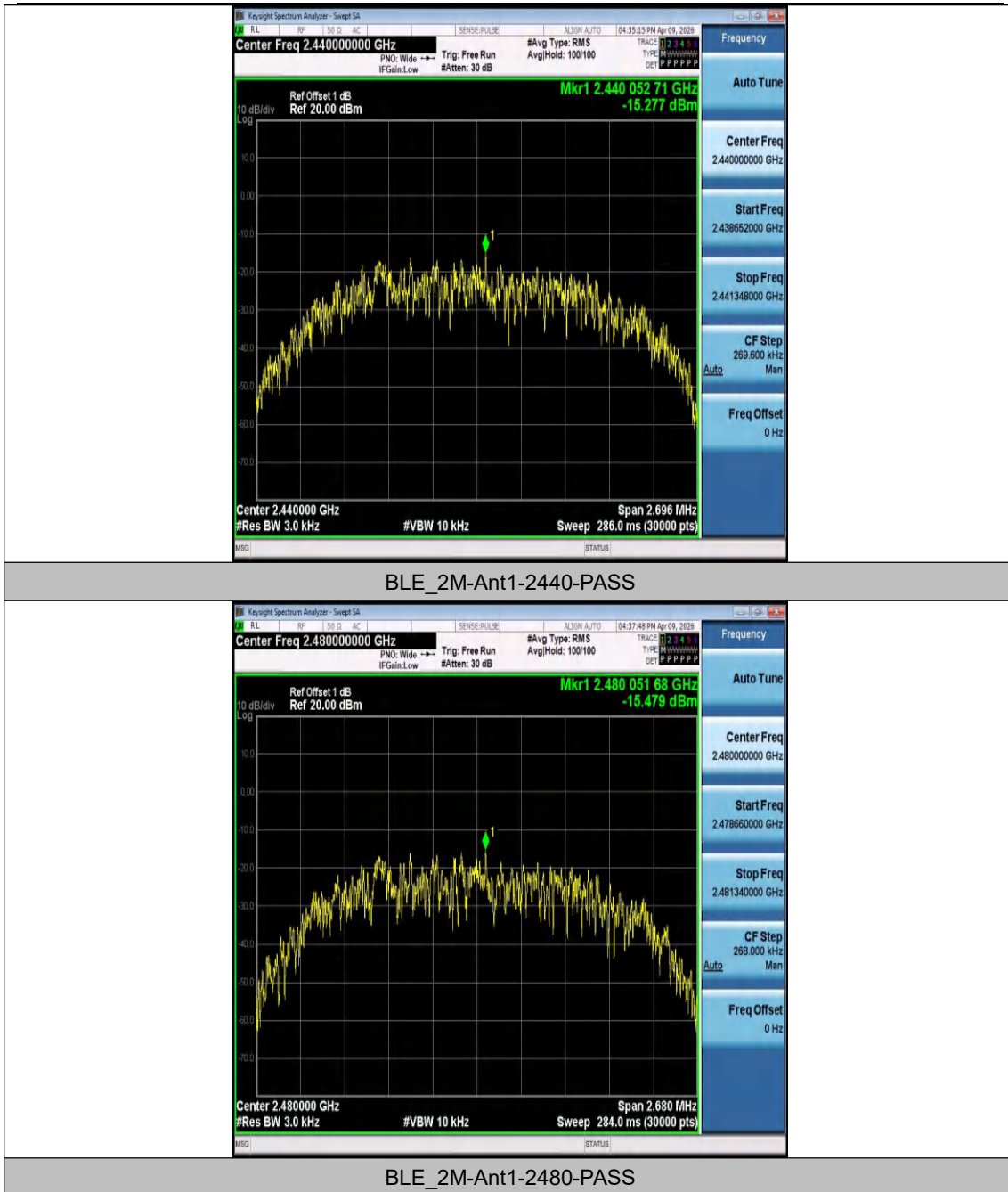
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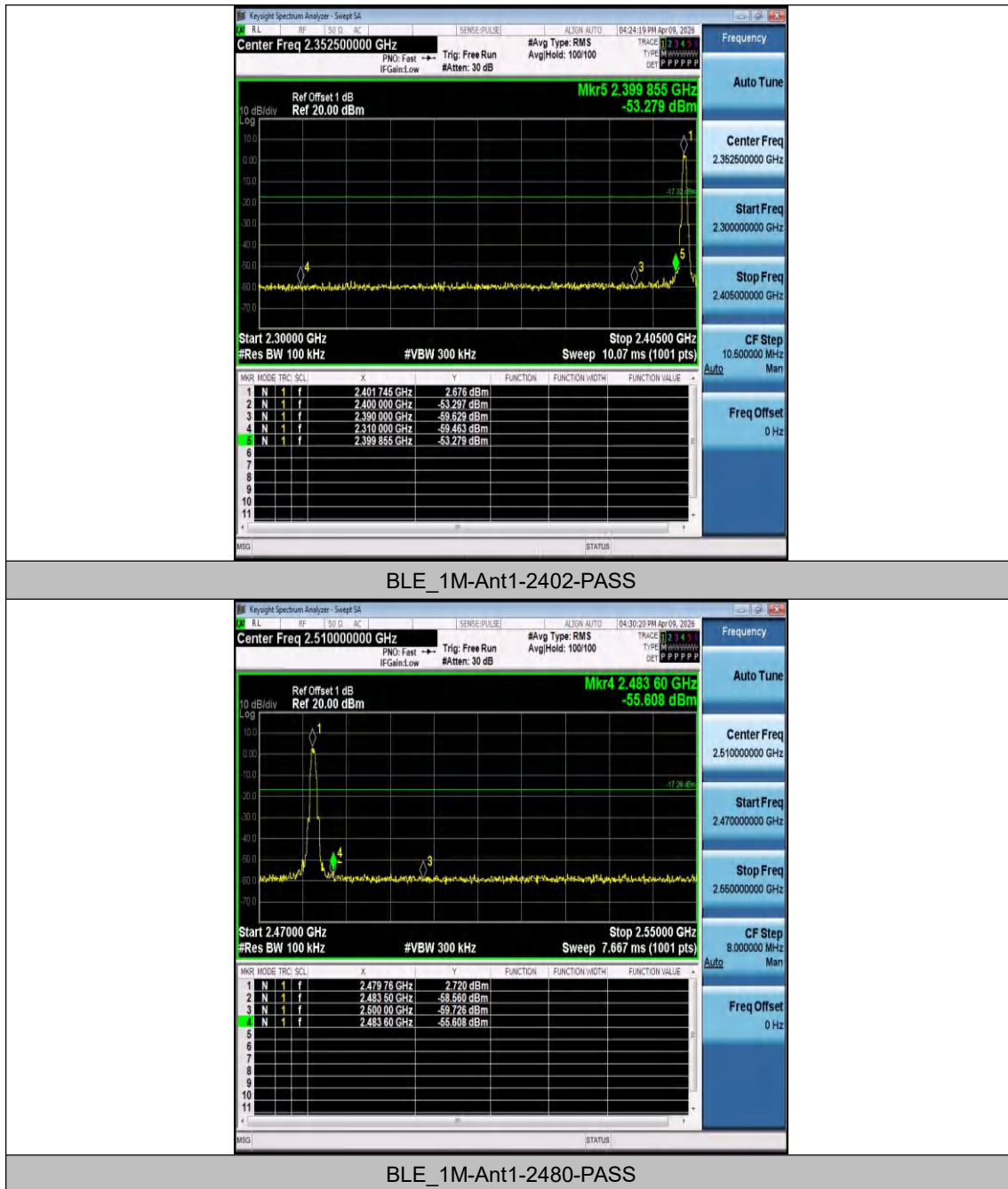
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.68	-53.28	≤-17.32	PASS
BLE_1M	Ant1	High	2480	2.72	-55.61	≤-17.28	PASS
BLE_2M	Ant1	Low	2402	2.73	-47.09	≤-17.27	PASS
BLE_2M	Ant1	High	2480	2.53	-54.18	≤-17.47	PASS

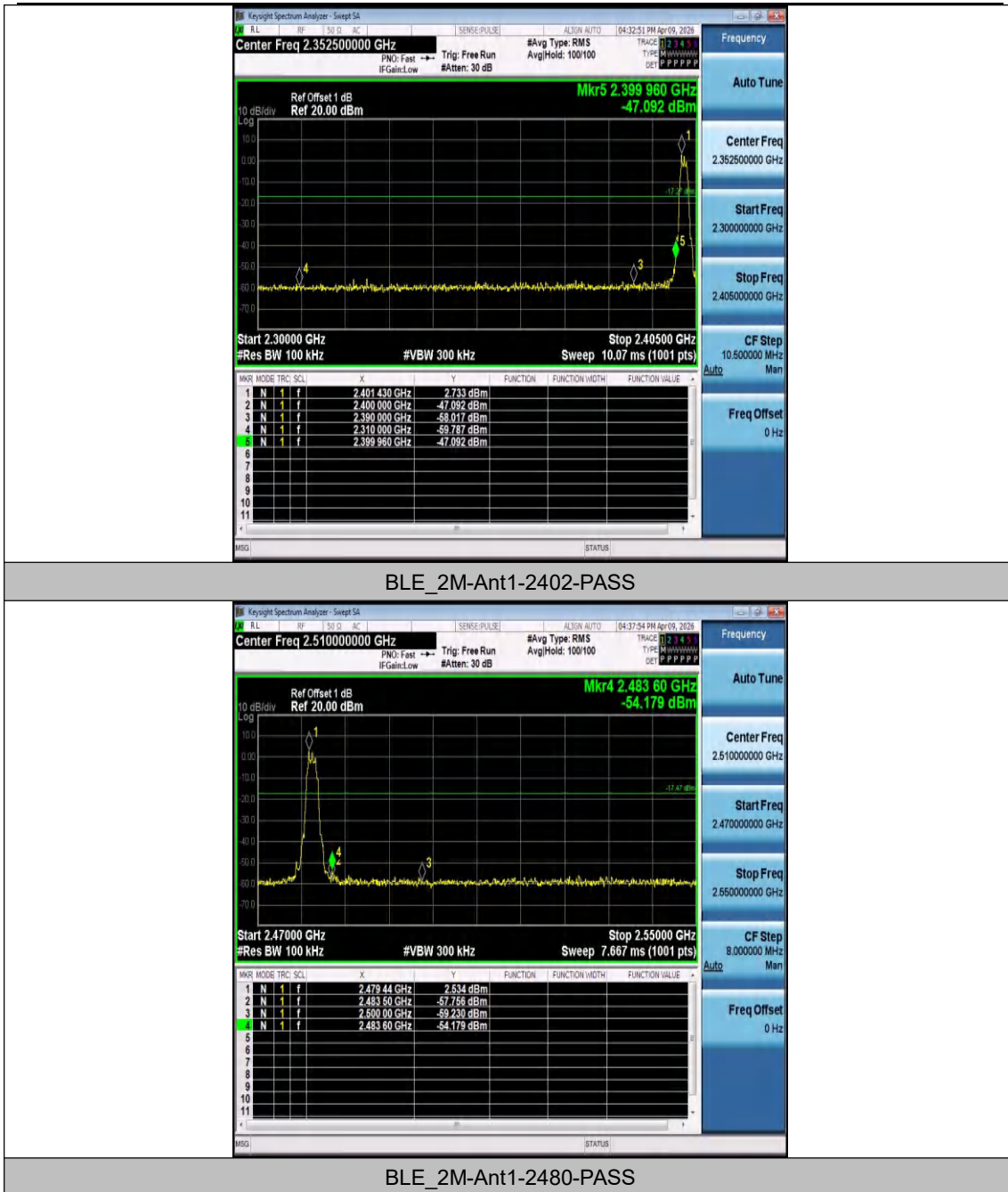
Test Graphs



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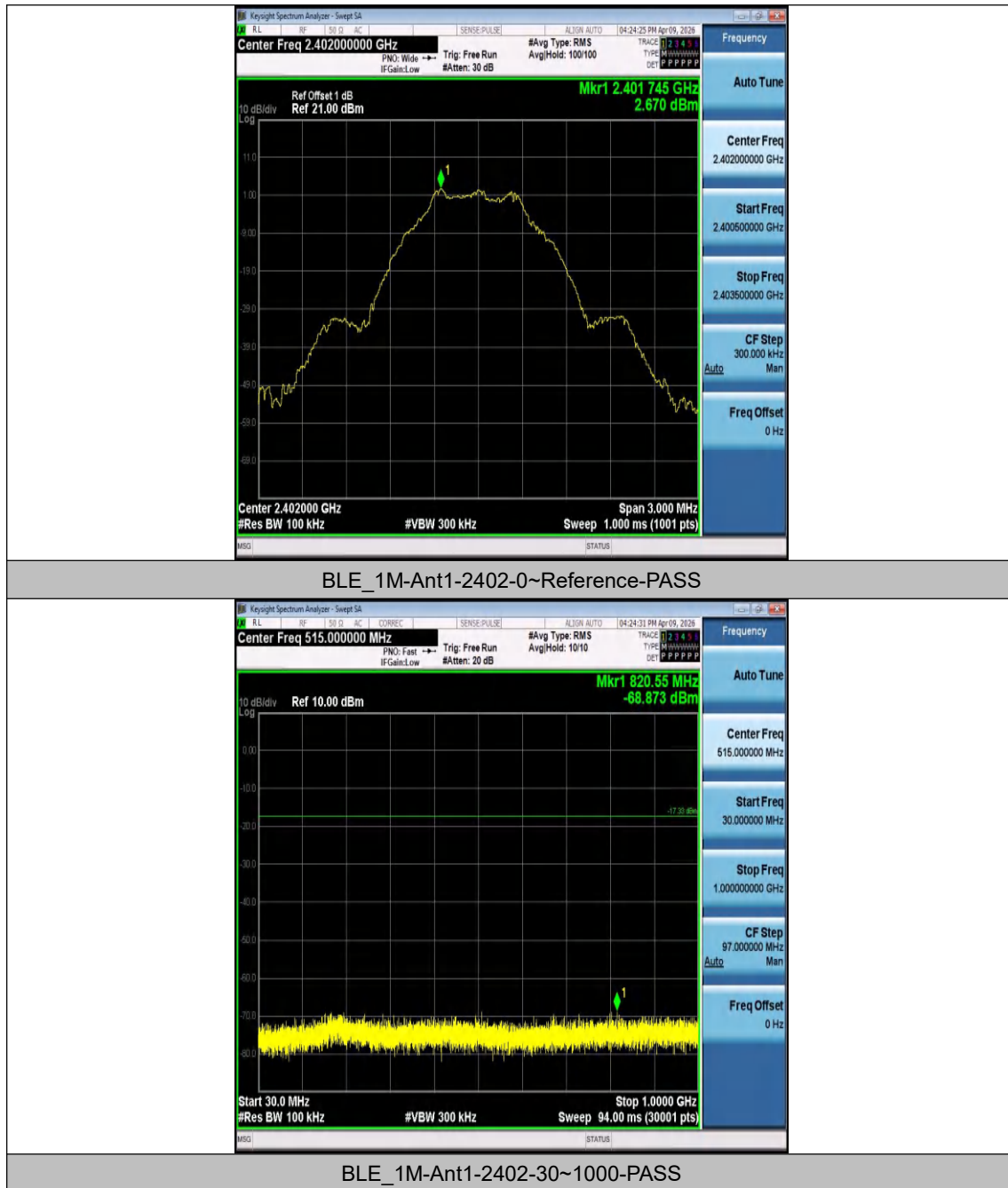
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	2.67	2.67	---	PASS
BLE_1M	Ant1	2402	30~1000	2.67	-68.87	≤-17.33	PASS
BLE_1M	Ant1	2402	1000~26500	2.67	-22.54	≤-17.33	PASS
BLE_1M	Ant1	2440	0~Reference	2.55	2.55	---	PASS
BLE_1M	Ant1	2440	30~1000	2.55	-68.77	≤-17.45	PASS
BLE_1M	Ant1	2440	1000~26500	2.55	-22.74	≤-17.45	PASS
BLE_1M	Ant1	2480	0~Reference	2.42	2.42	---	PASS
BLE_1M	Ant1	2480	30~1000	2.42	-67.48	≤-17.58	PASS
BLE_1M	Ant1	2480	1000~26500	2.42	-23.45	≤-17.58	PASS
BLE_2M	Ant1	2402	0~Reference	2.57	2.57	---	PASS
BLE_2M	Ant1	2402	30~1000	2.57	-66.86	≤-17.43	PASS
BLE_2M	Ant1	2402	1000~26500	2.57	-22.62	≤-17.43	PASS
BLE_2M	Ant1	2440	0~Reference	2.50	2.50	---	PASS
BLE_2M	Ant1	2440	30~1000	2.50	-67.98	≤-17.5	PASS
BLE_2M	Ant1	2440	1000~26500	2.50	-22.84	≤-17.5	PASS
BLE_2M	Ant1	2480	0~Reference	2.75	2.75	---	PASS
BLE_2M	Ant1	2480	30~1000	2.75	-68.07	≤-17.25	PASS
BLE_2M	Ant1	2480	1000~26500	2.75	-24.79	≤-17.25	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.

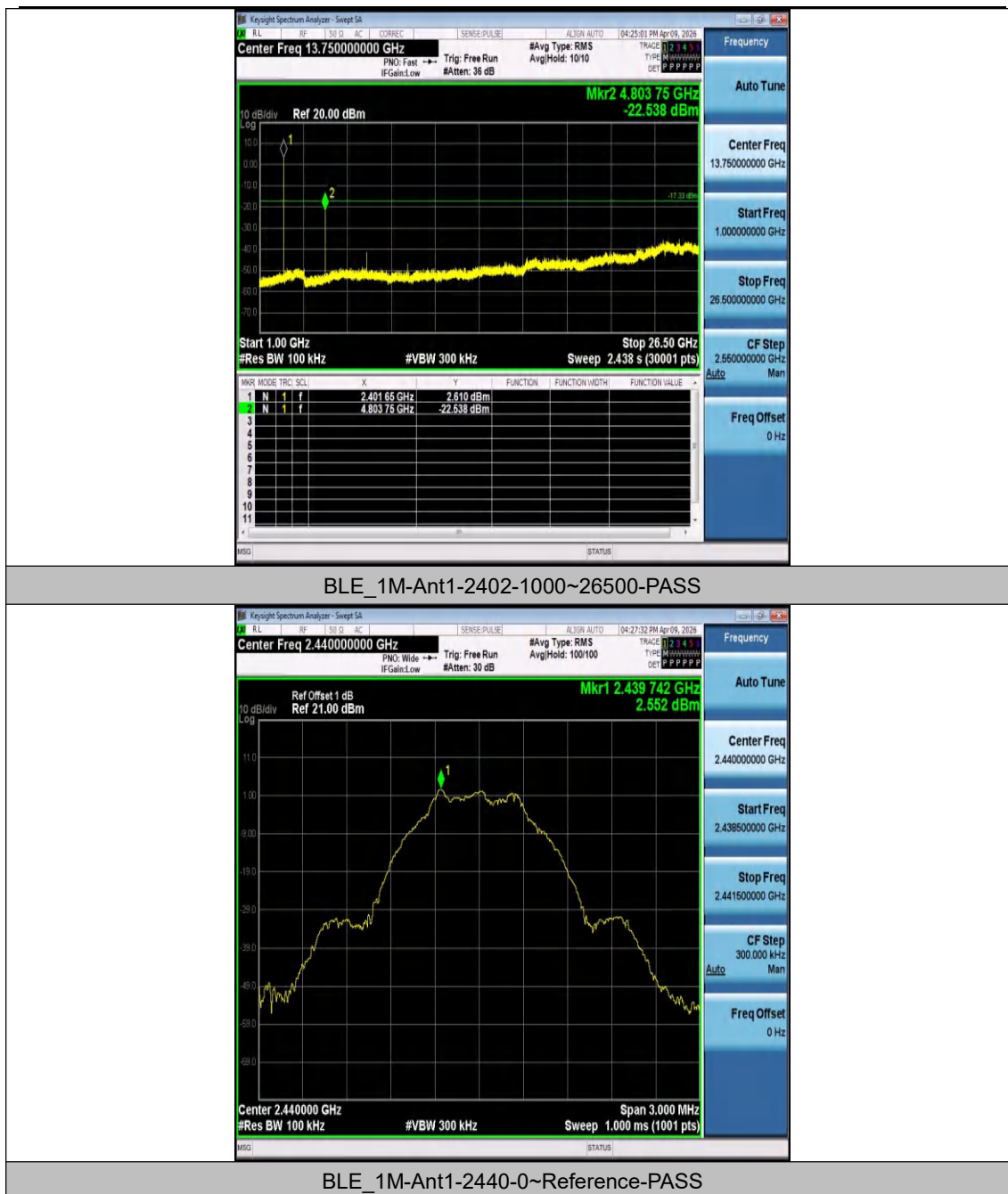
Test Graphs



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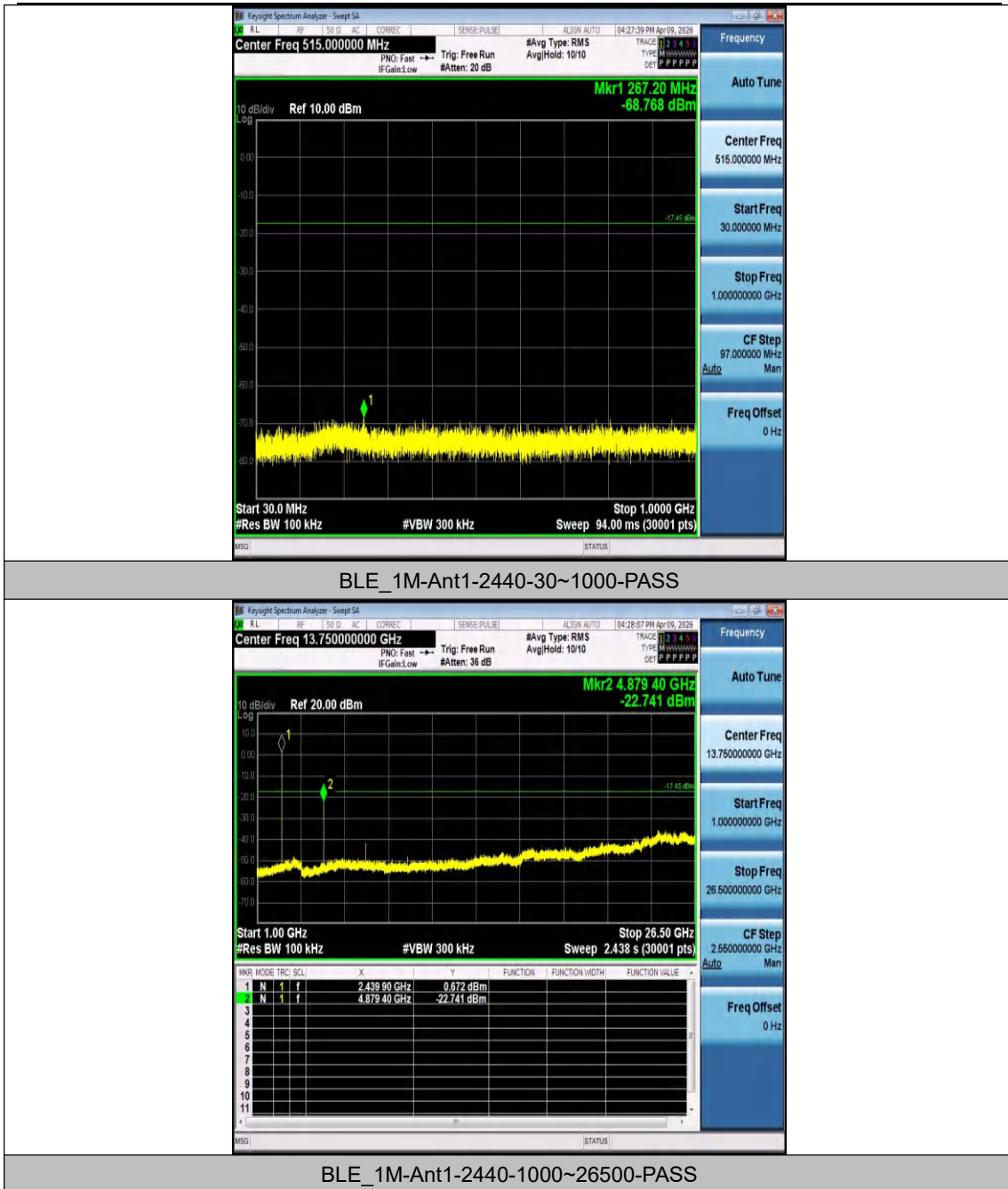
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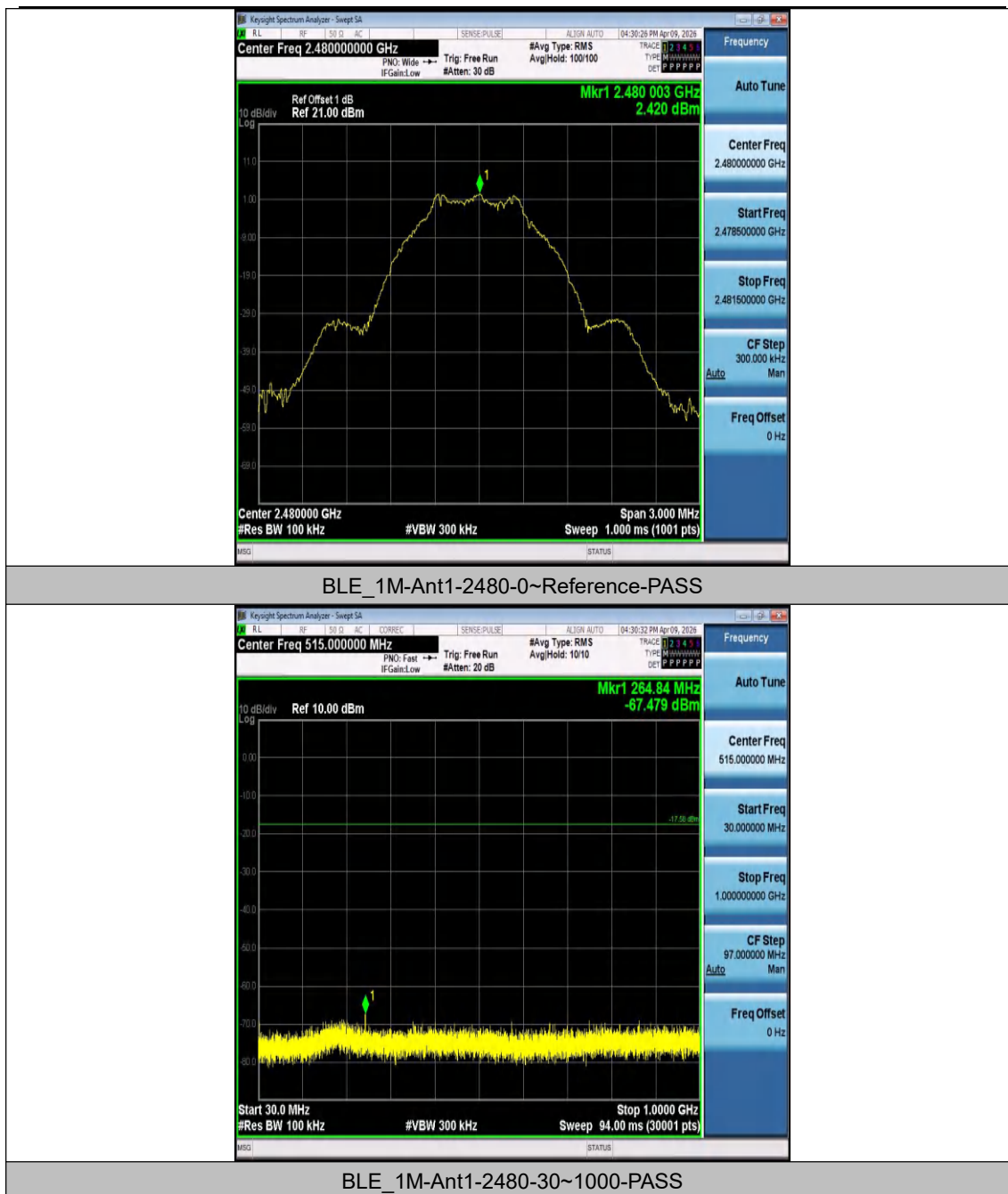
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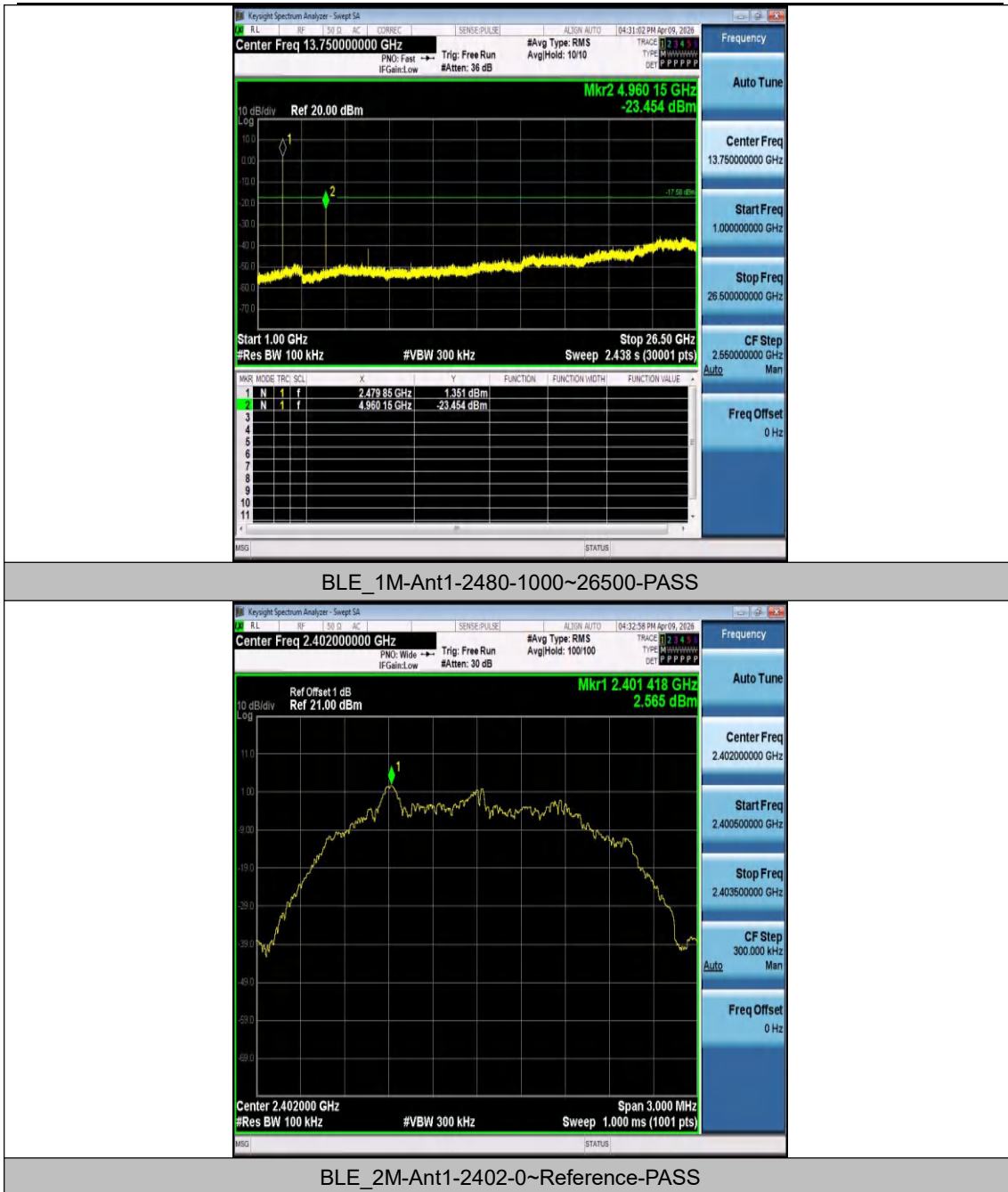
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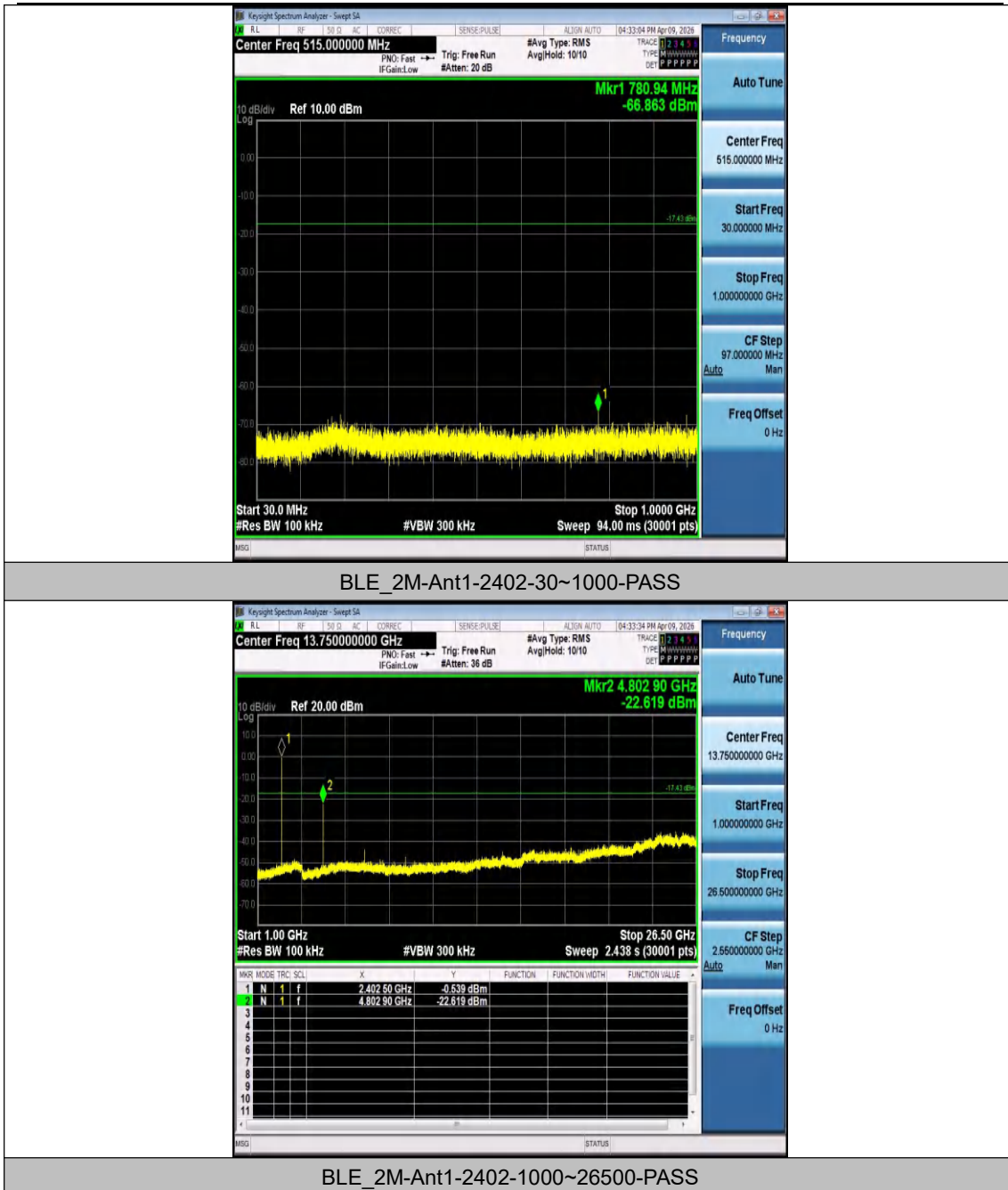
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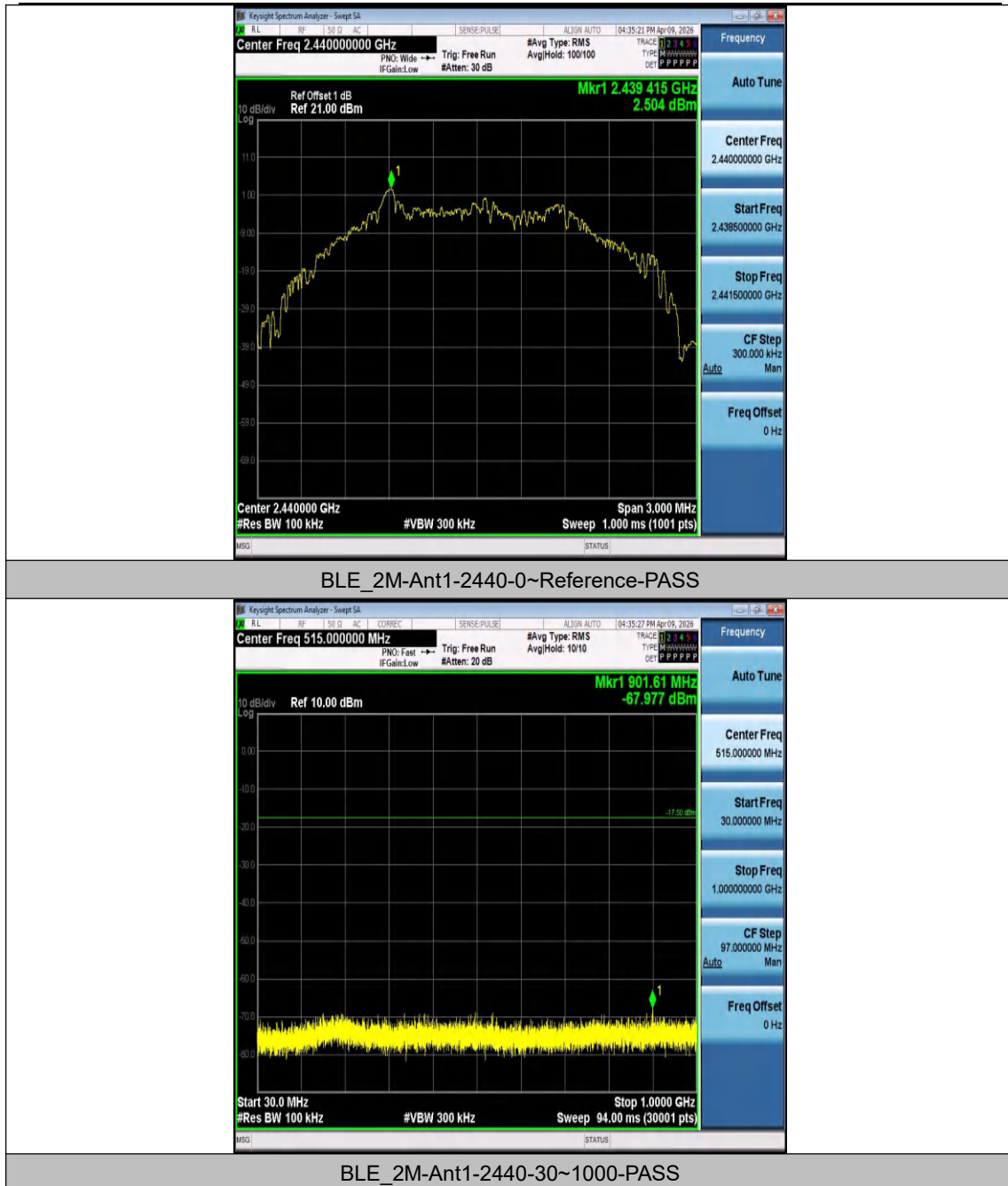
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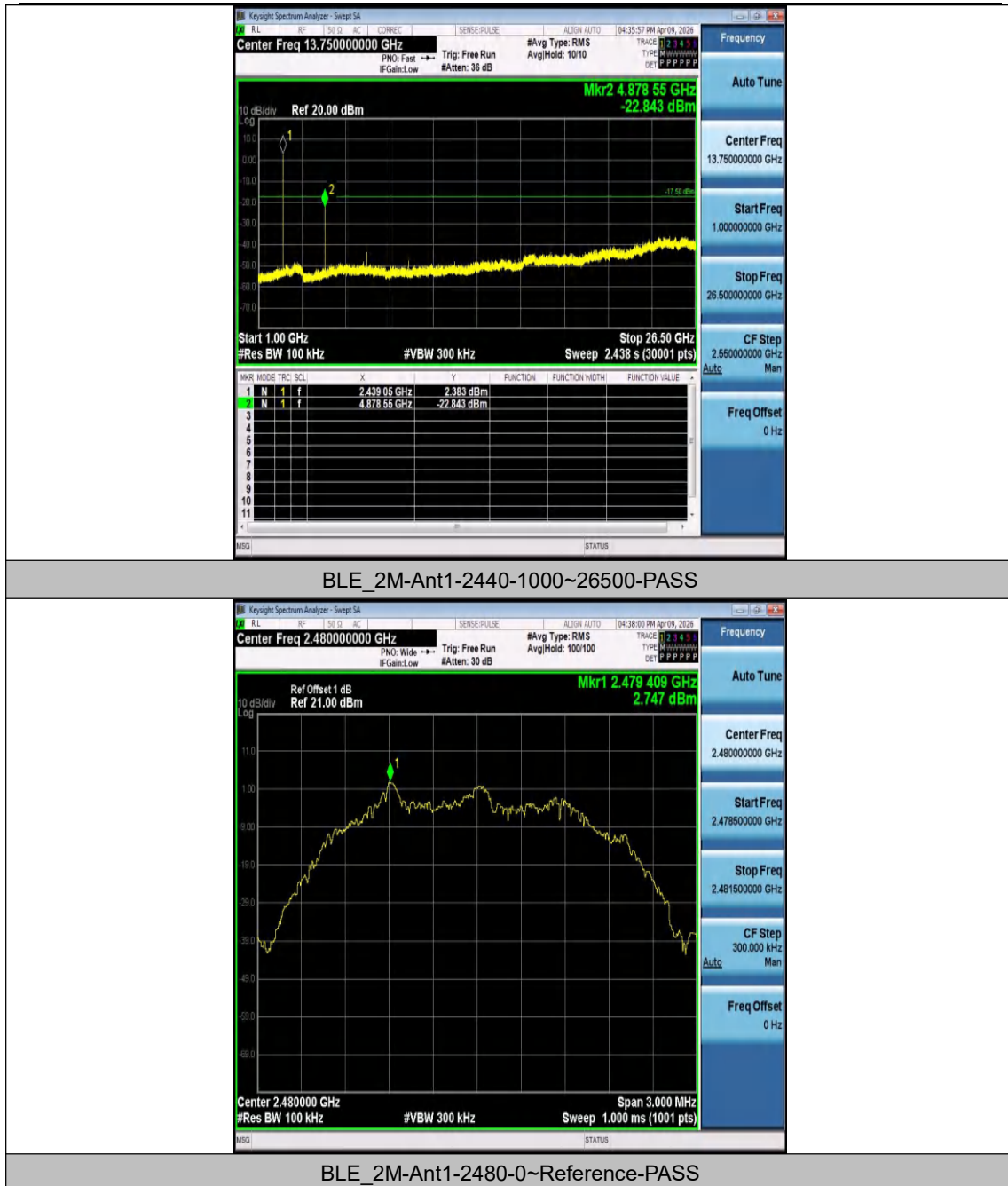
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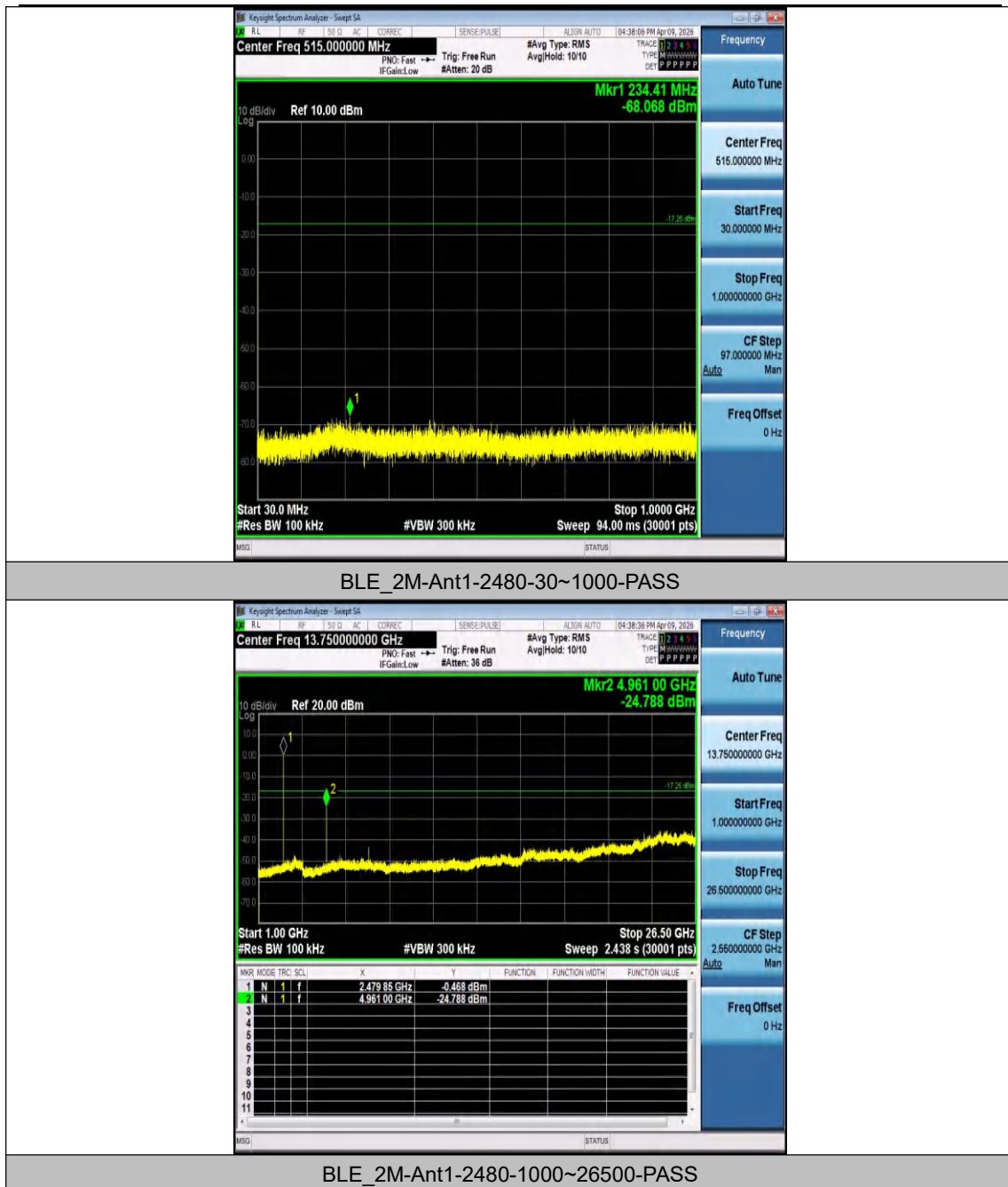
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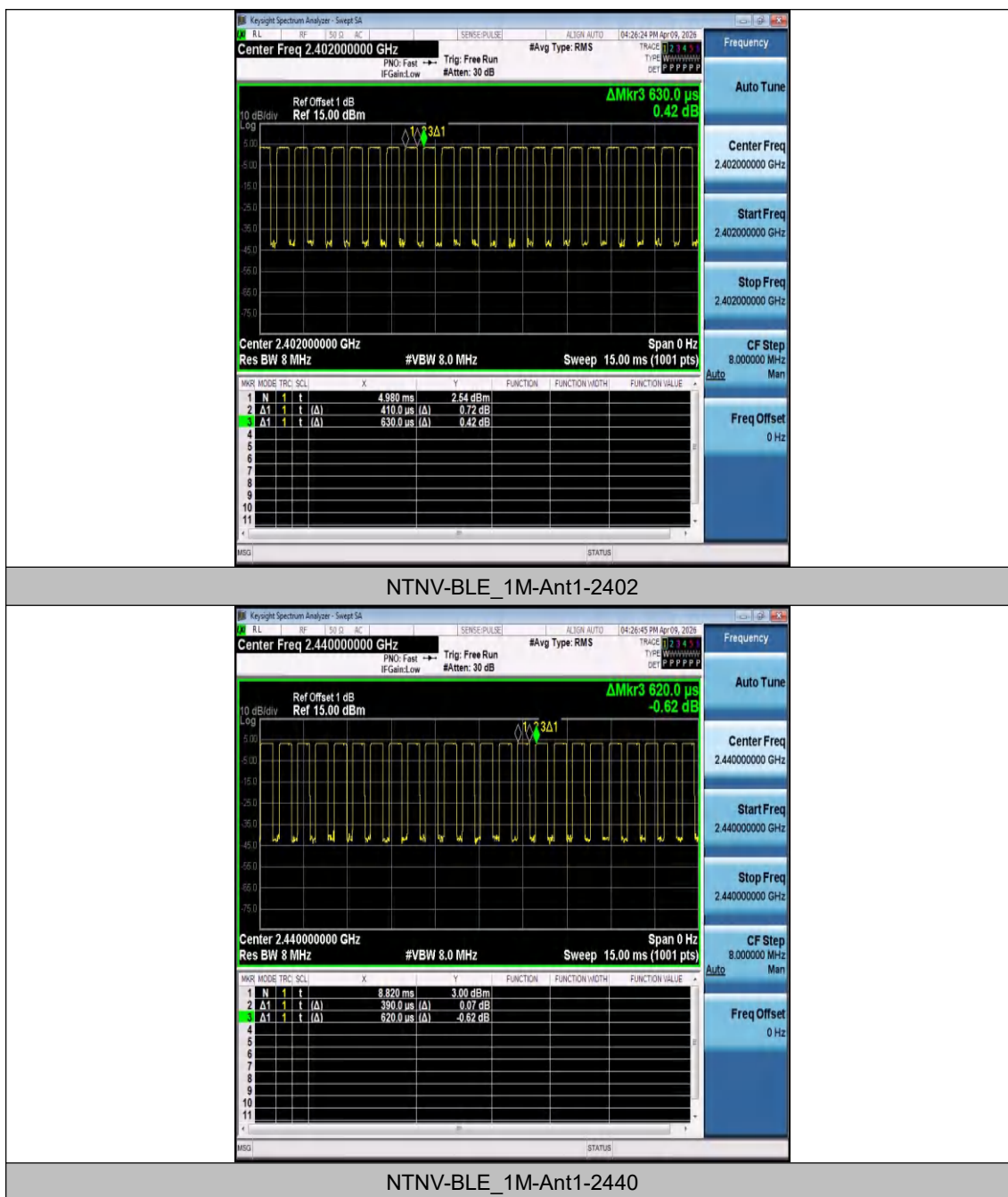
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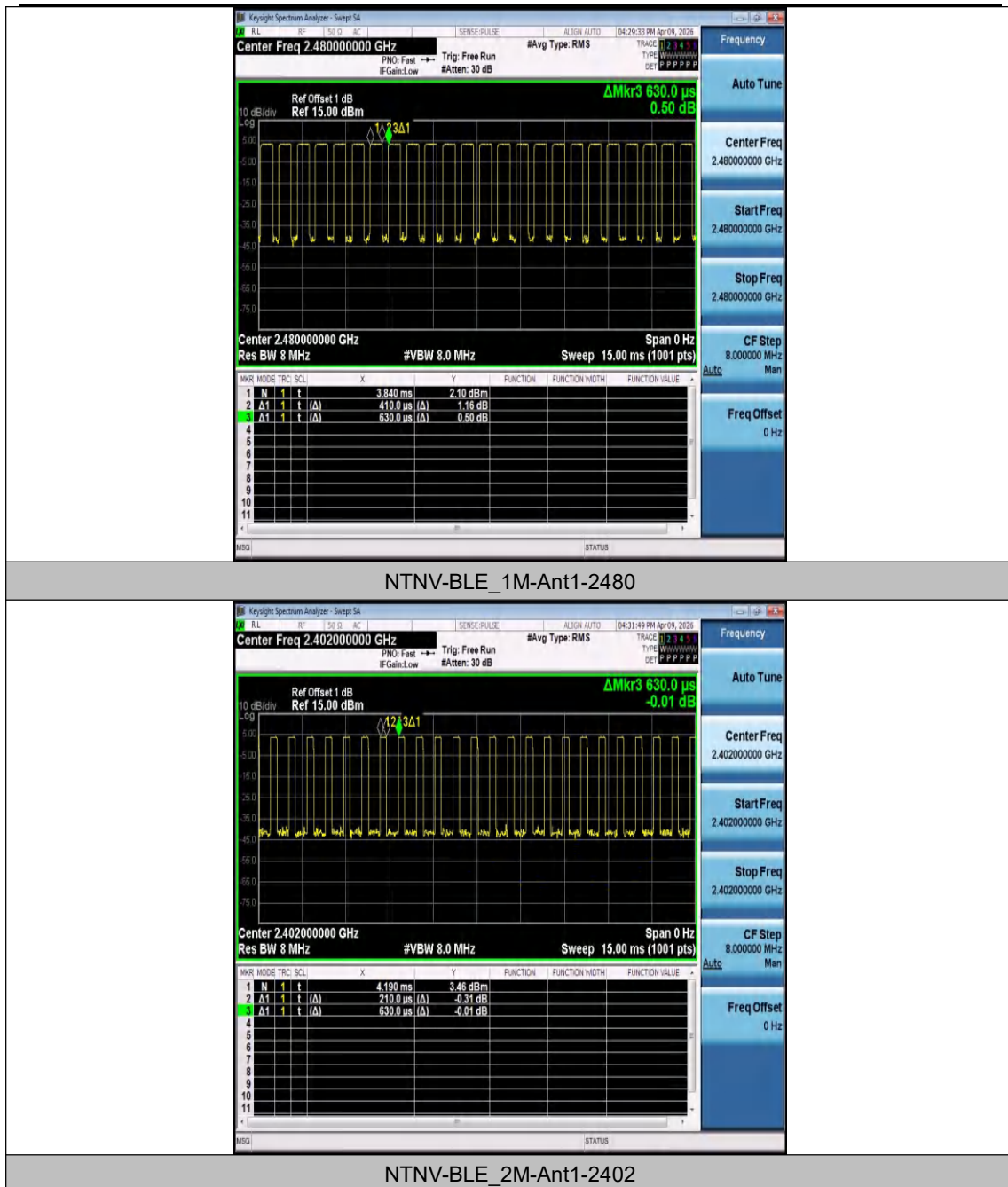
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.41	0.63	65.08	1.87
BLE_1M	Ant1	2440	0.39	0.62	62.90	2.01
BLE_1M	Ant1	2480	0.41	0.63	65.08	1.87
BLE_2M	Ant1	2402	0.21	0.63	33.33	4.77
BLE_2M	Ant1	2440	0.21	0.63	33.33	4.77
BLE_2M	Ant1	2480	0.21	0.63	33.33	4.77

Test Graphs

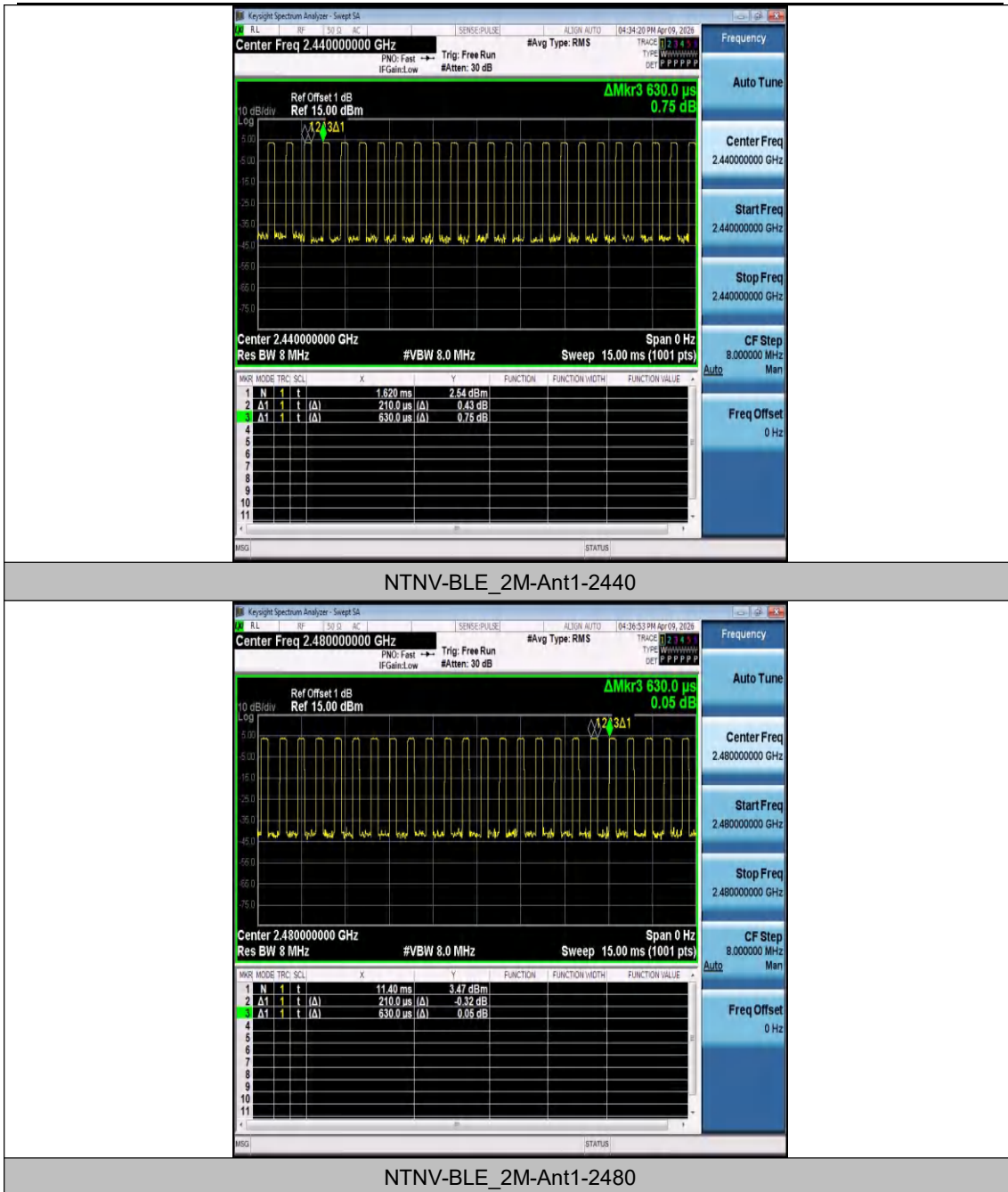




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