

Appendix Test Data

Report No.:	1813C60177112502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-19	Finish Test Date:	2026-6-8
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24°C	Relative Humidity:	73%
Pressure:	101kPa		

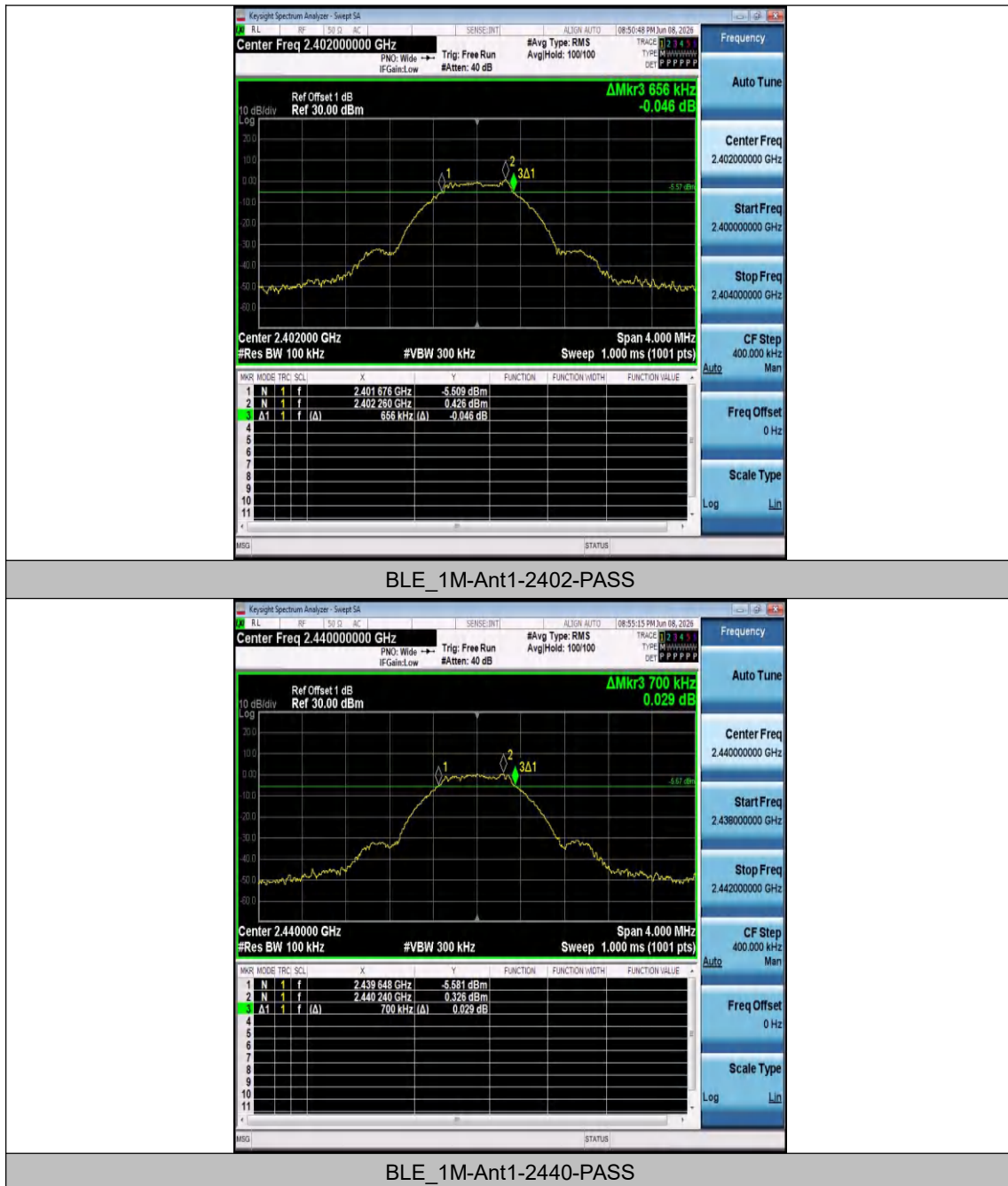


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.656	2401.676	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.648	2440.348	0.5	PASS
BLE_1M	Ant1	2480	0.716	2479.640	2480.356	0.5	PASS
BLE_2M	Ant1	2402	1.128	2401.412	2402.540	0.5	PASS
BLE_2M	Ant1	2440	1.136	2439.448	2440.584	0.5	PASS
BLE_2M	Ant1	2480	1.144	2479.436	2480.580	0.5	PASS

Test Graphs





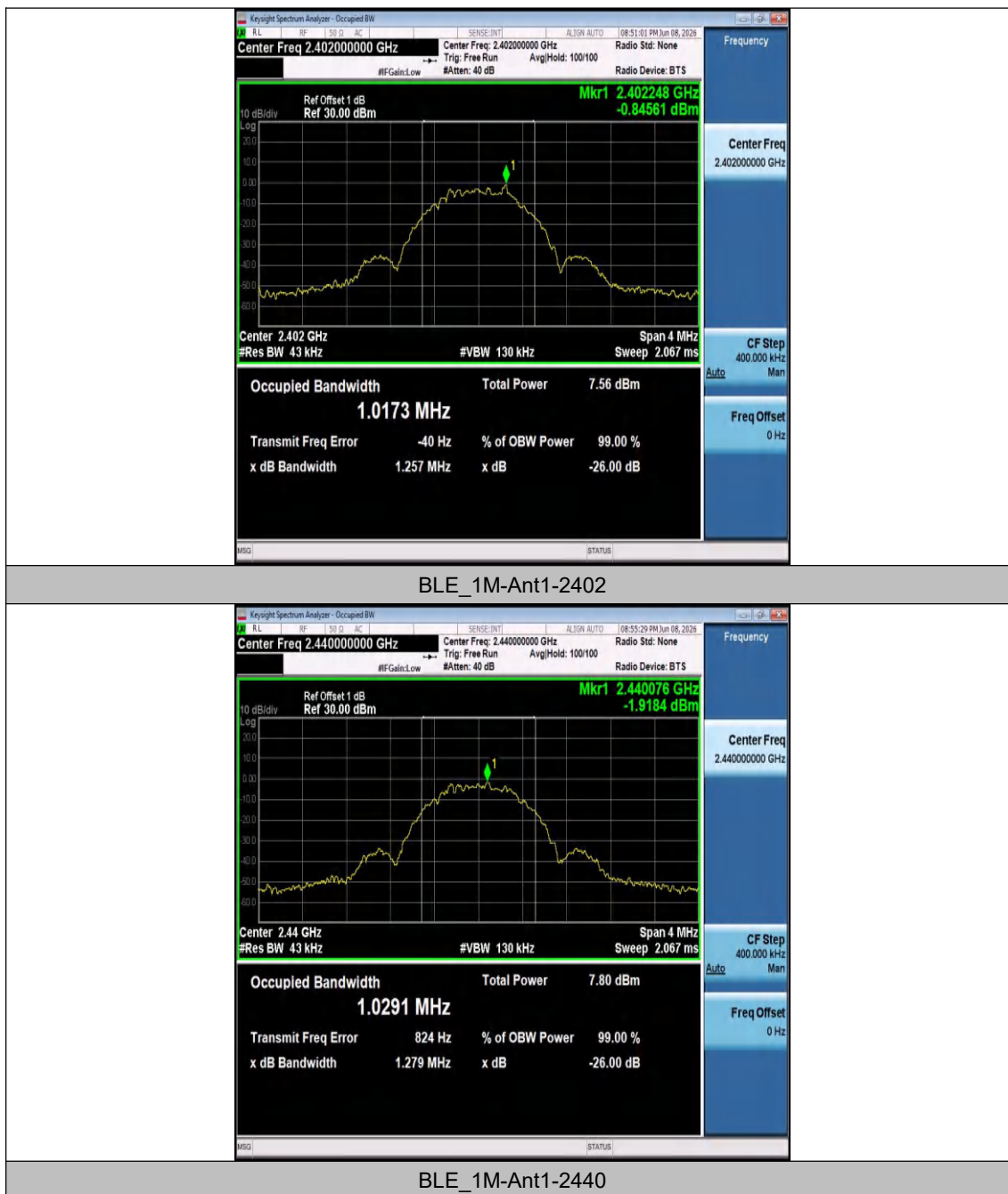


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0173	2401.4913	2402.5086	---	---
BLE_1M	Ant1	2440	1.0291	2439.4863	2440.5154	---	---
BLE_1M	Ant1	2480	1.0268	2479.4884	2480.5152	---	---
BLE_2M	Ant1	2402	2.0712	2400.9842	2403.0554	---	---
BLE_2M	Ant1	2440	2.0788	2438.9755	2441.0543	---	---
BLE_2M	Ant1	2480	2.0811	2478.9713	2481.0524	---	---

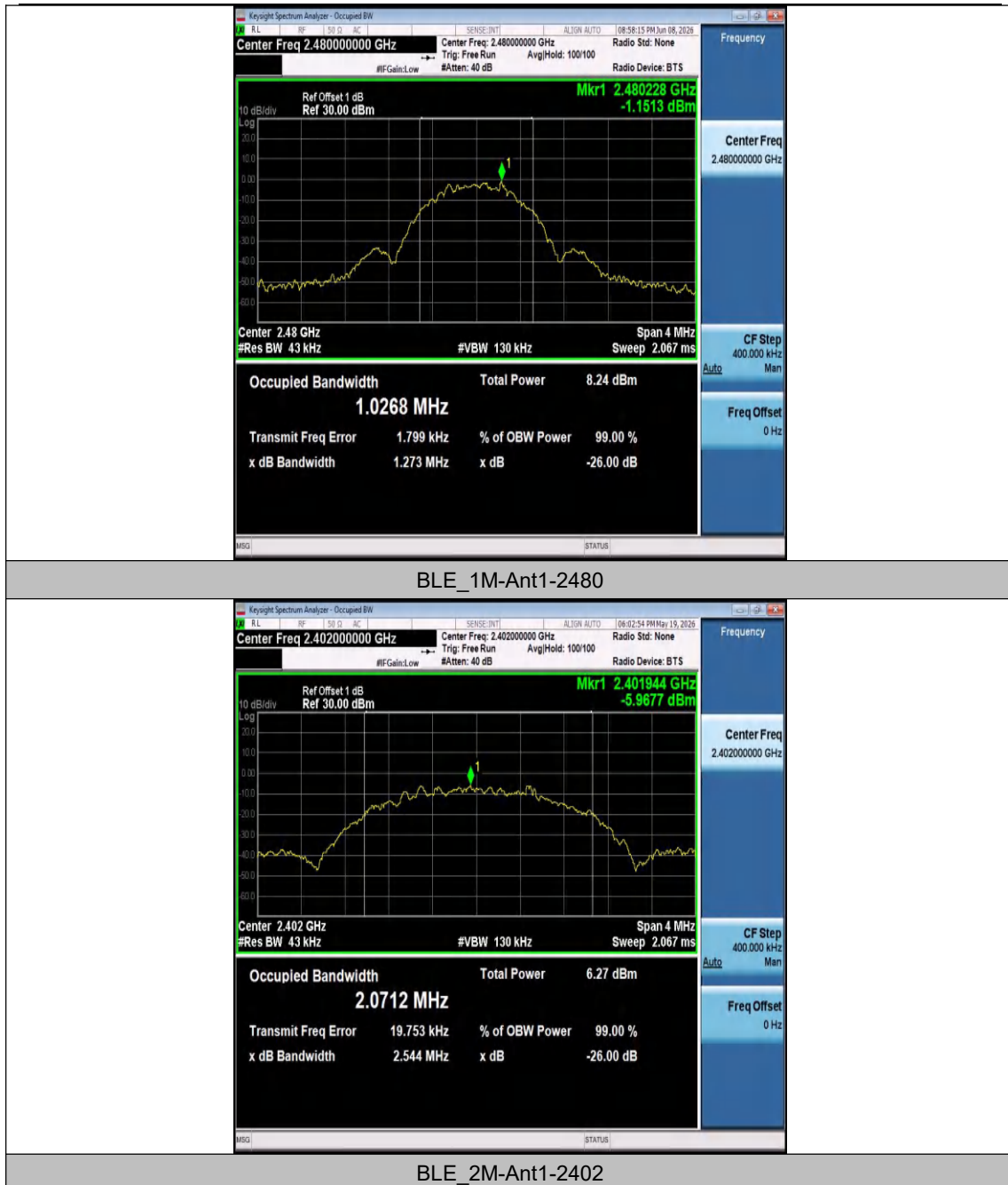
Test Graphs



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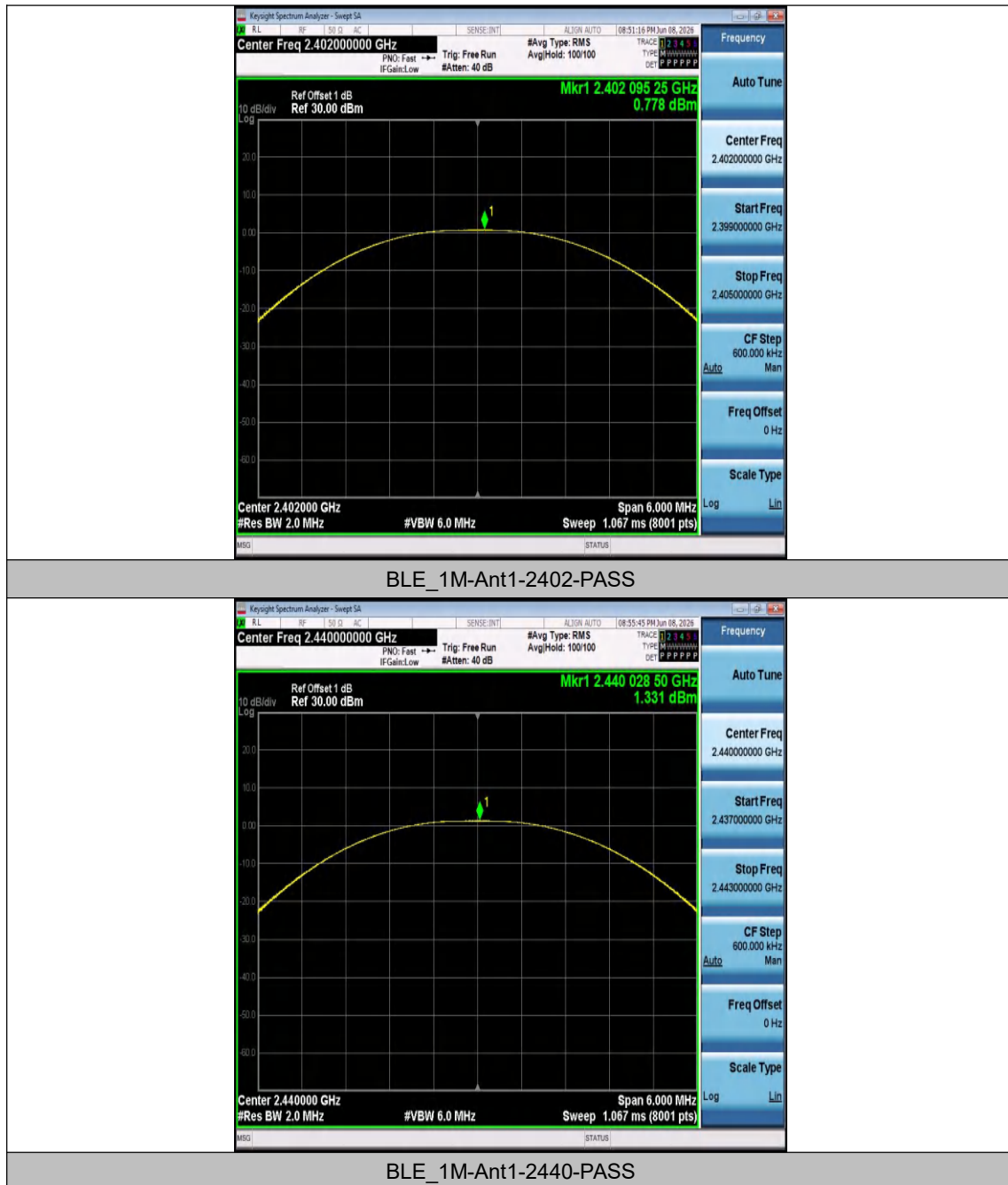


Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.78	≤30	PASS
BLE_1M	Ant1	2440	1.33	≤30	PASS
BLE_1M	Ant1	2480	1.61	≤30	PASS
BLE_2M	Ant1	2402	0.14	≤30	PASS
BLE_2M	Ant1	2440	0.67	≤30	PASS
BLE_2M	Ant1	2480	1.19	≤30	PASS

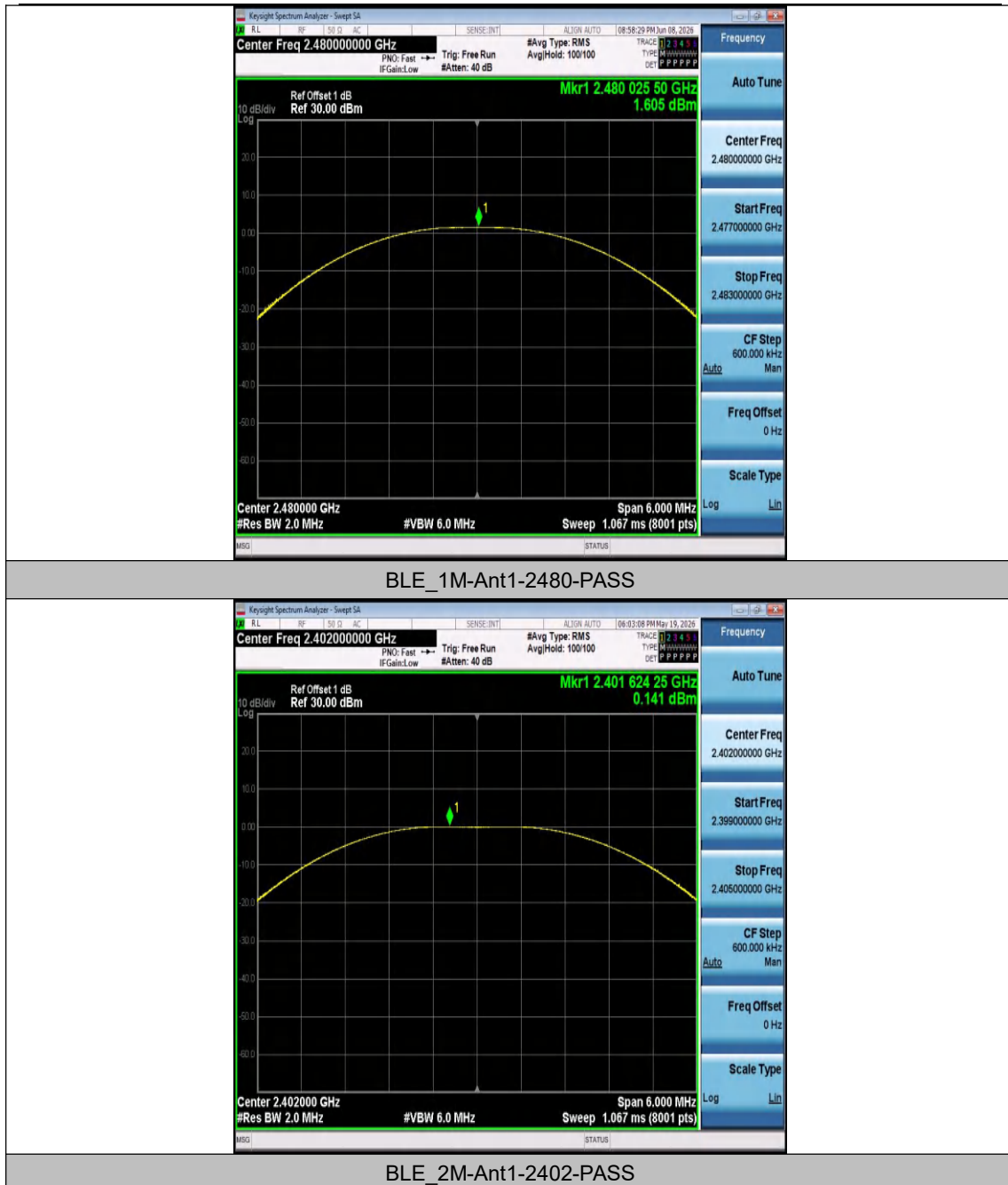
Test Graphs Peak



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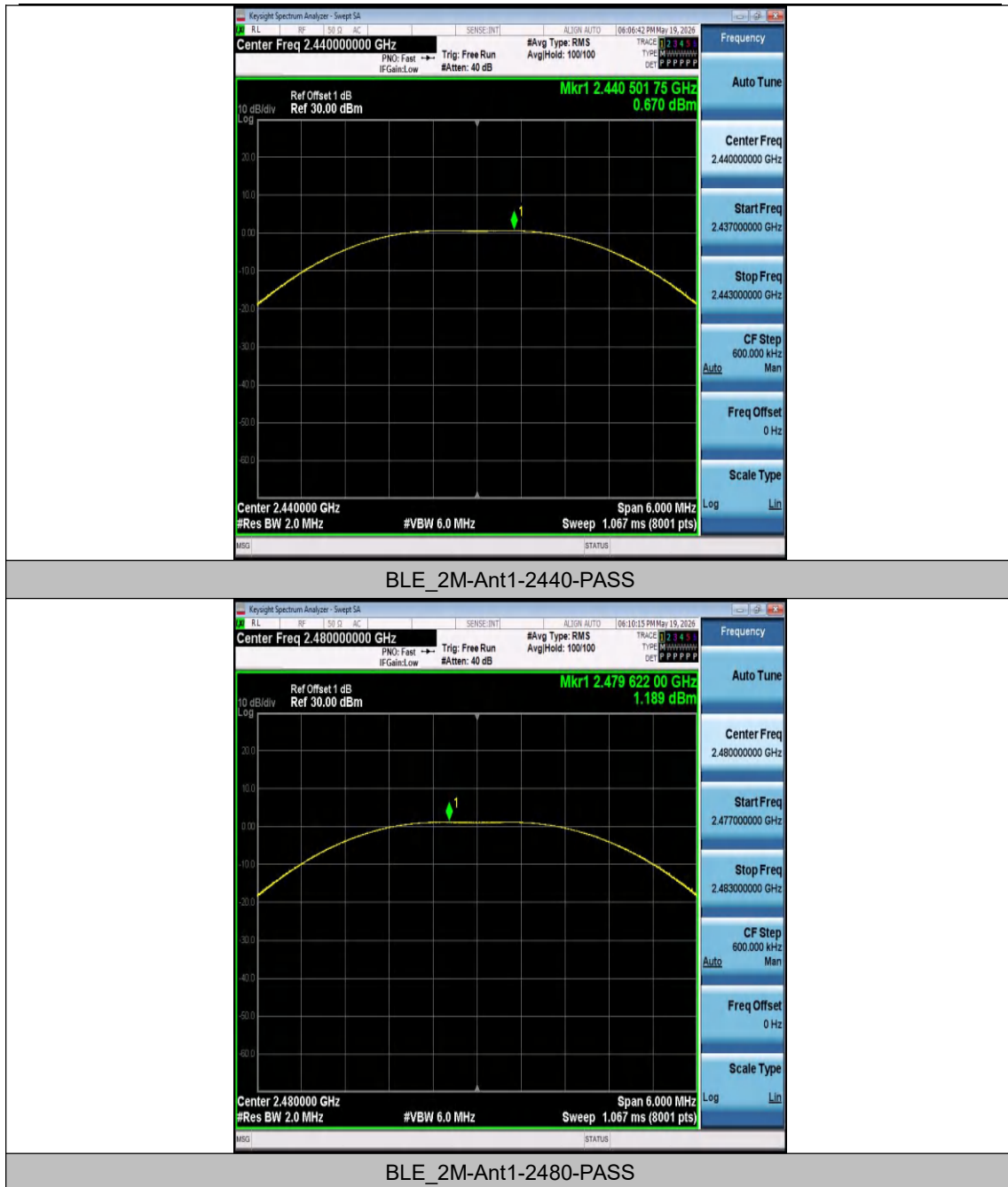
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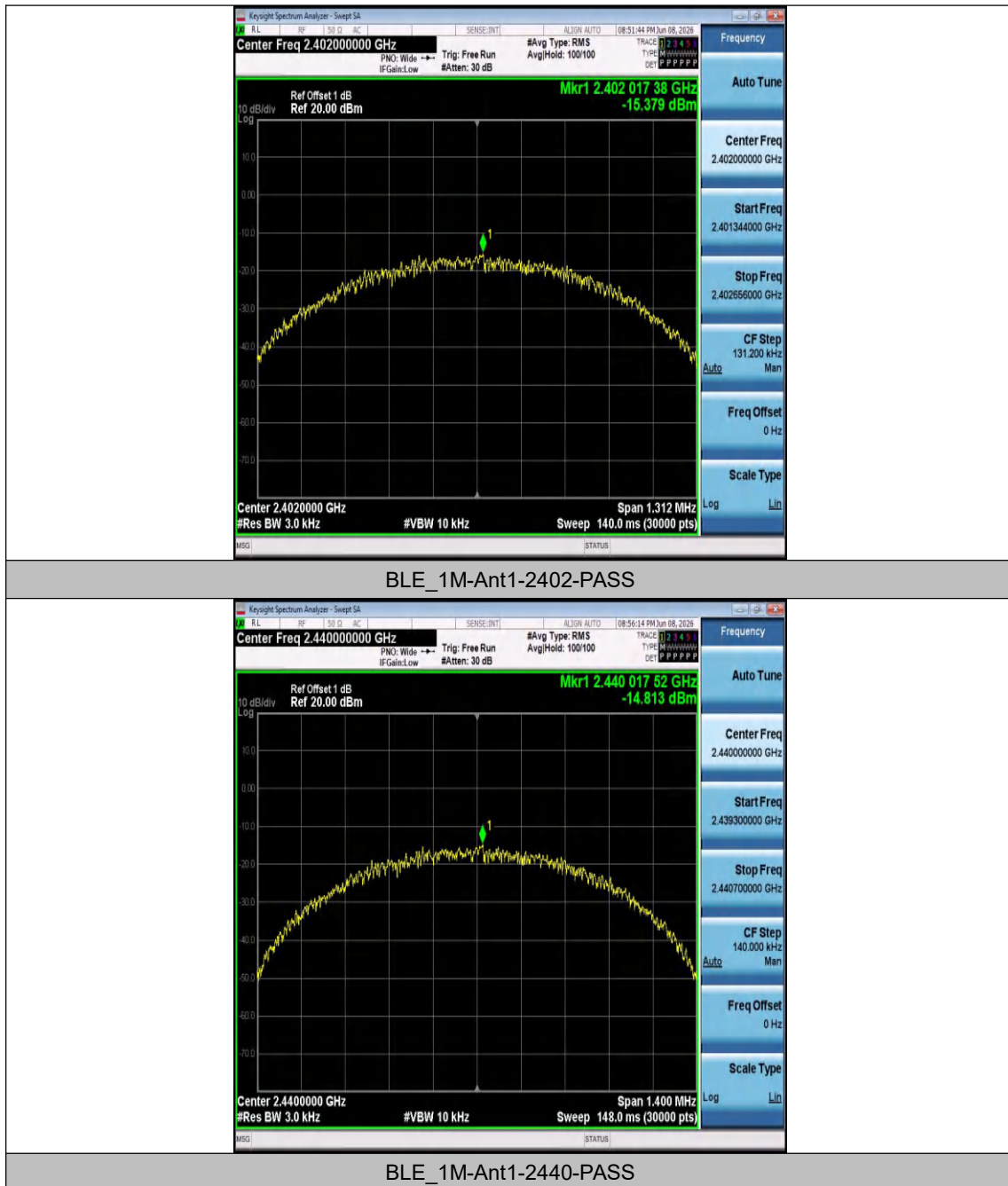
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.38	≤8.00	PASS
BLE_1M	Ant1	2440	-14.81	≤8.00	PASS
BLE_1M	Ant1	2480	-14.47	≤8.00	PASS
BLE_2M	Ant1	2402	-19.30	≤8.00	PASS
BLE_2M	Ant1	2440	-18.72	≤8.00	PASS
BLE_2M	Ant1	2480	-18.19	≤8.00	PASS

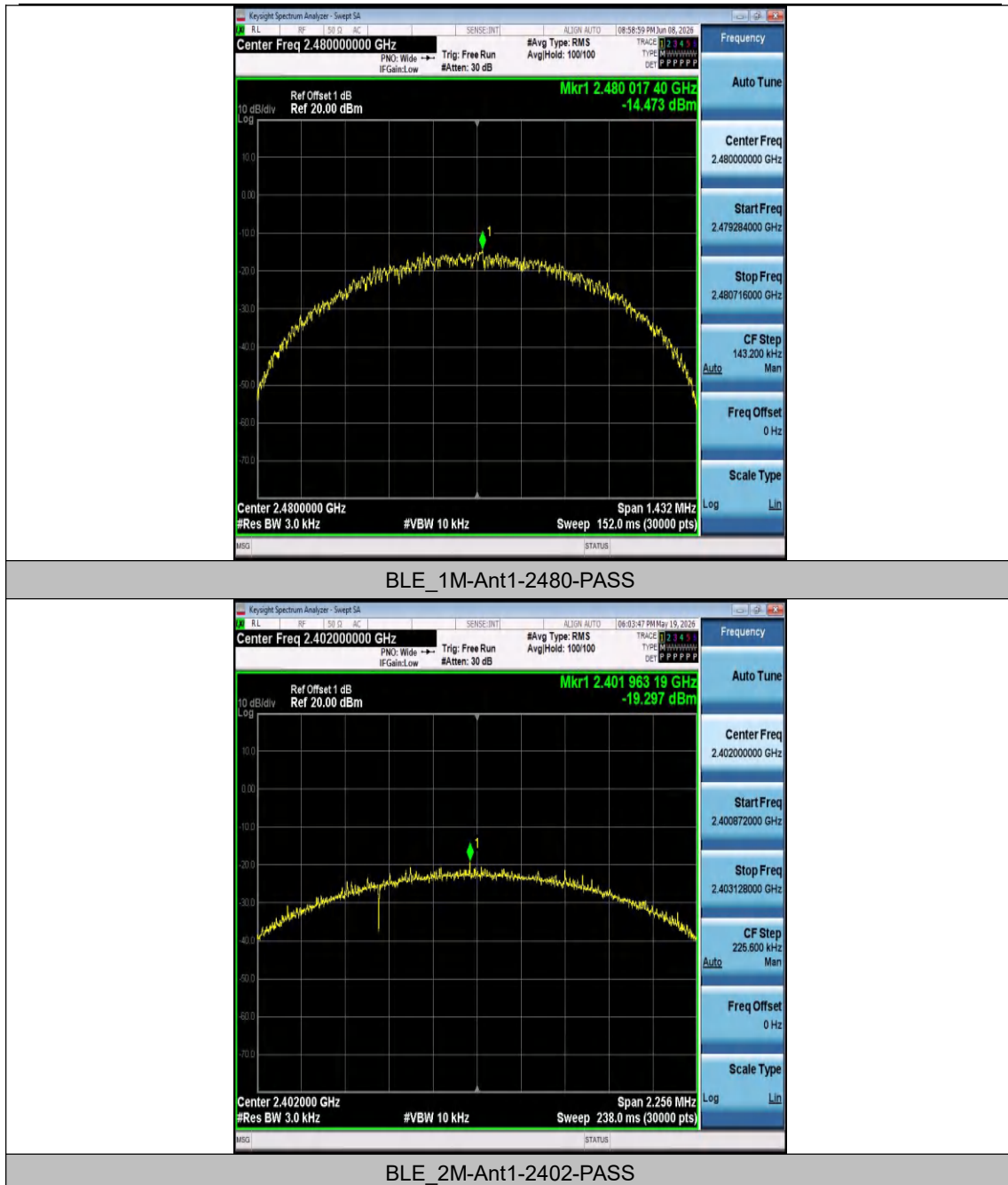
Test Graphs



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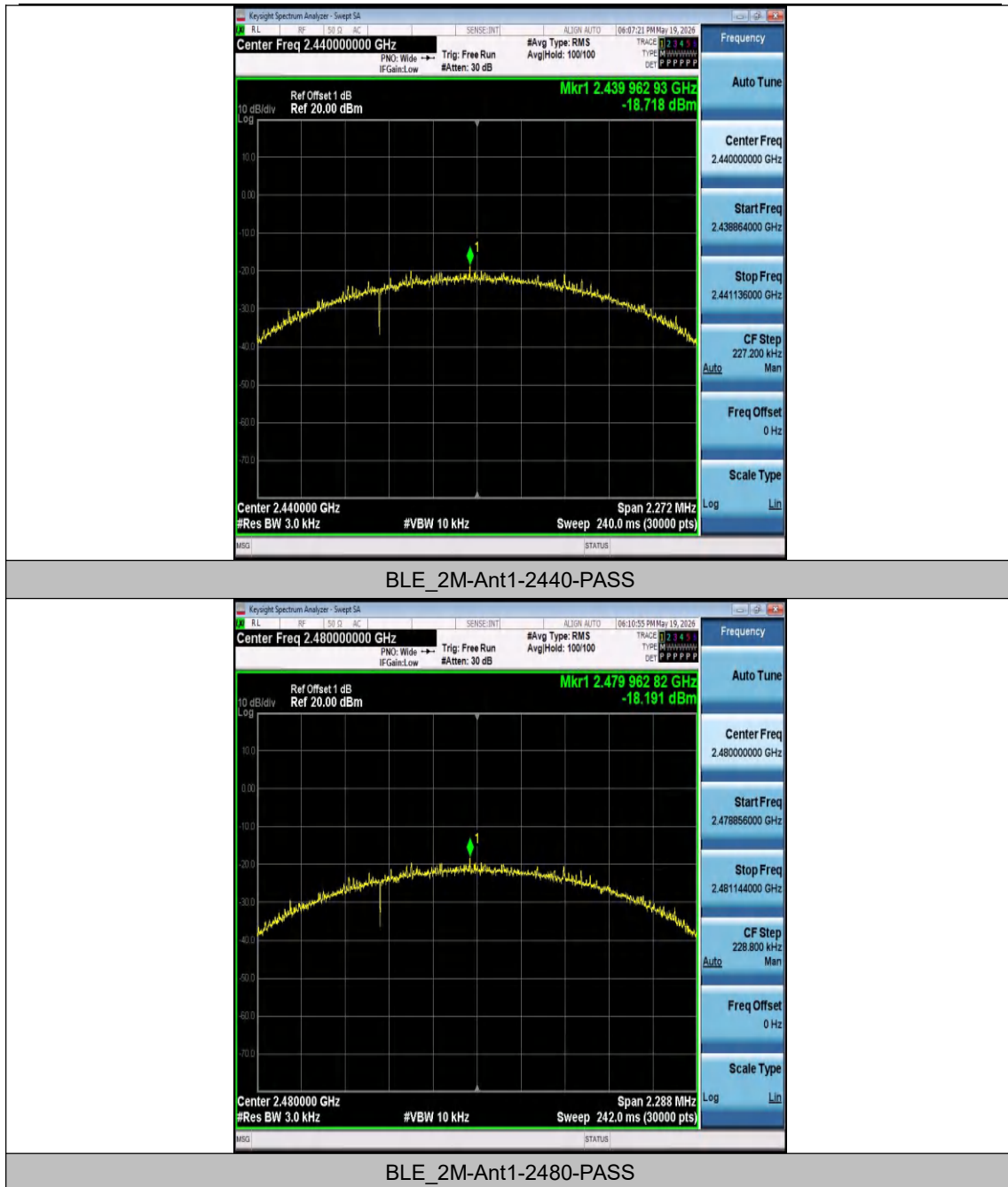
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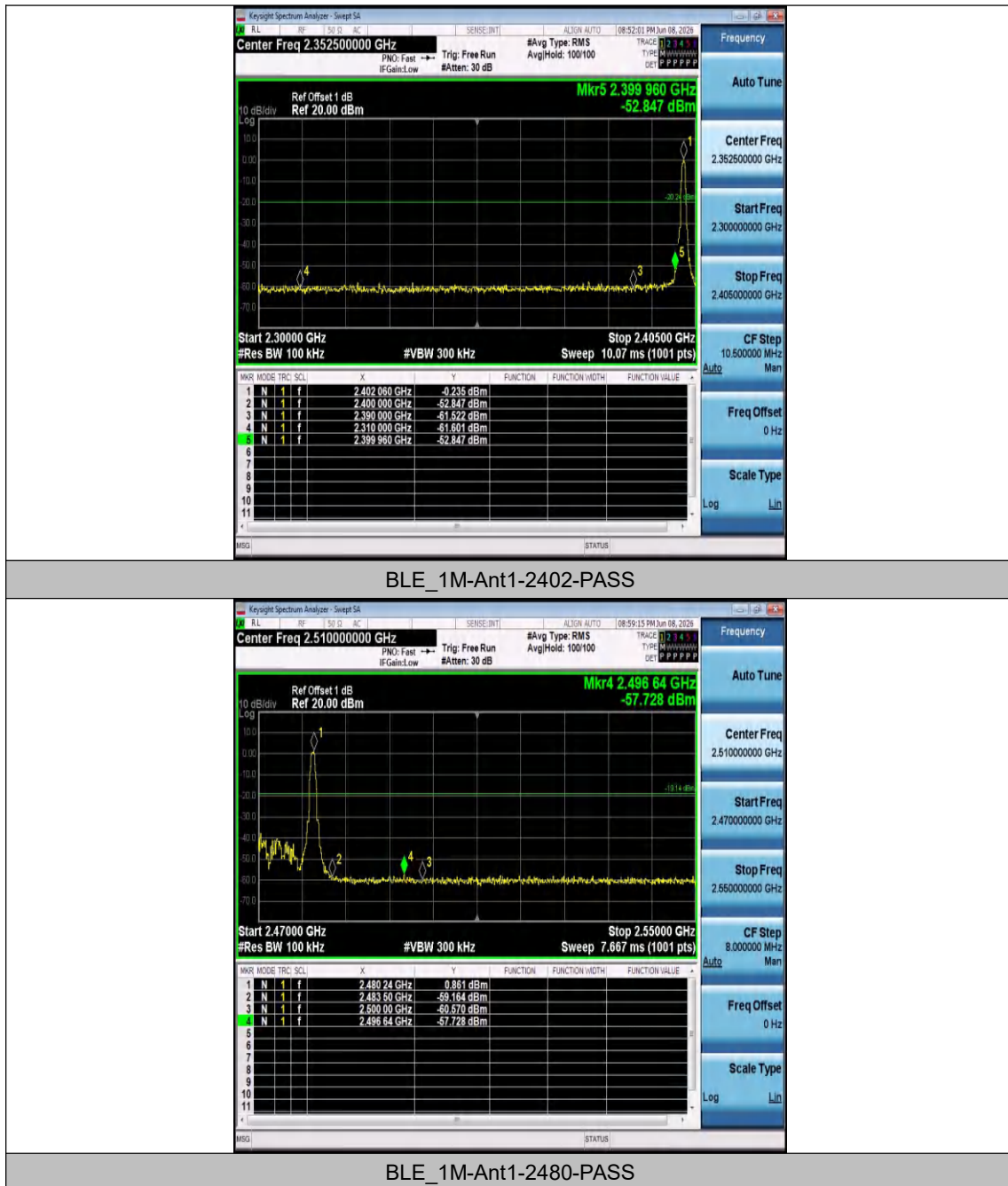
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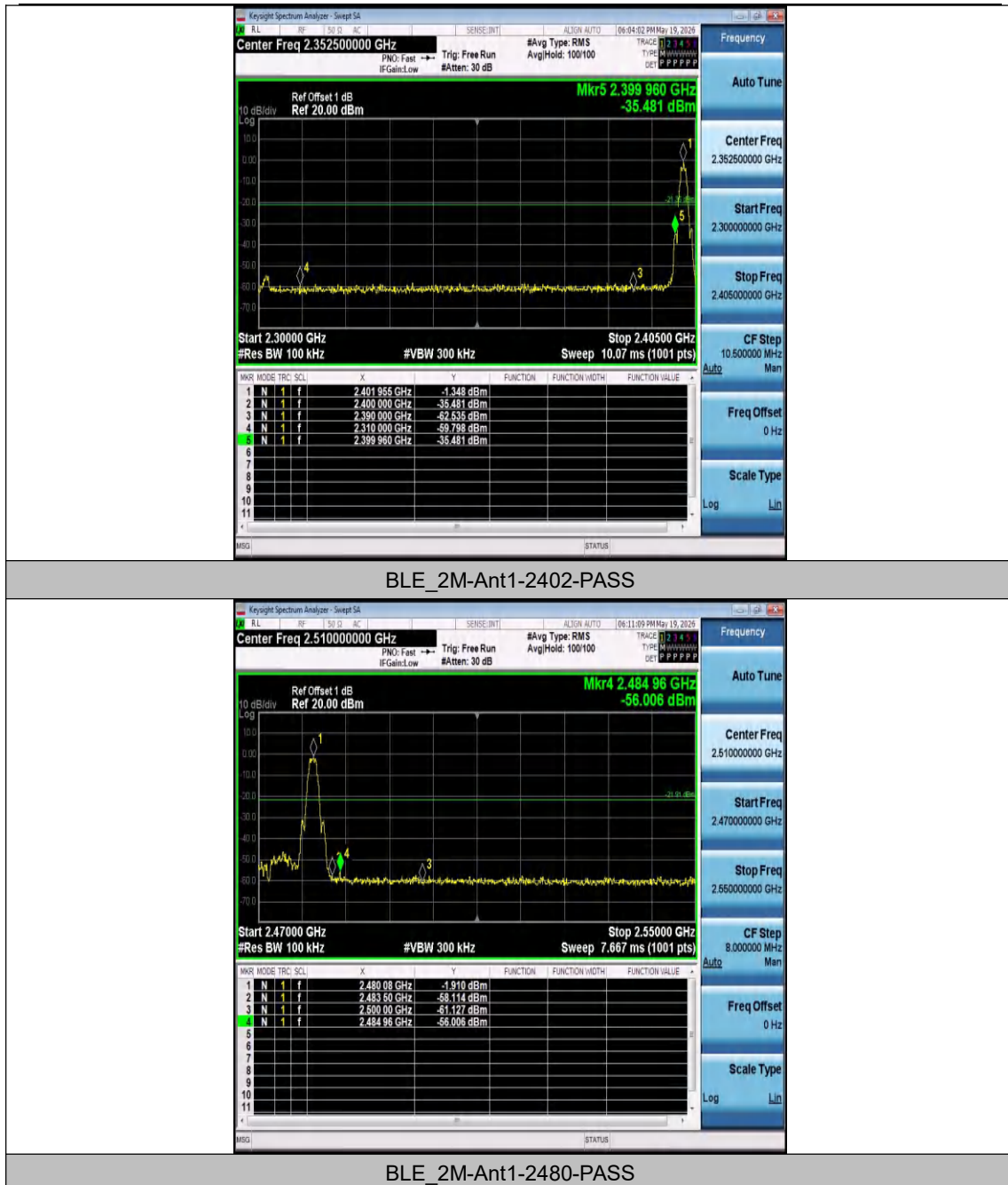
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.24	-52.85	≤-20.24	PASS
BLE_1M	Ant1	High	2480	0.86	-57.73	≤-19.14	PASS
BLE_2M	Ant1	Low	2402	-1.35	-35.48	≤-21.35	PASS
BLE_2M	Ant1	High	2480	-1.91	-56.01	≤-21.91	PASS

Test Graphs





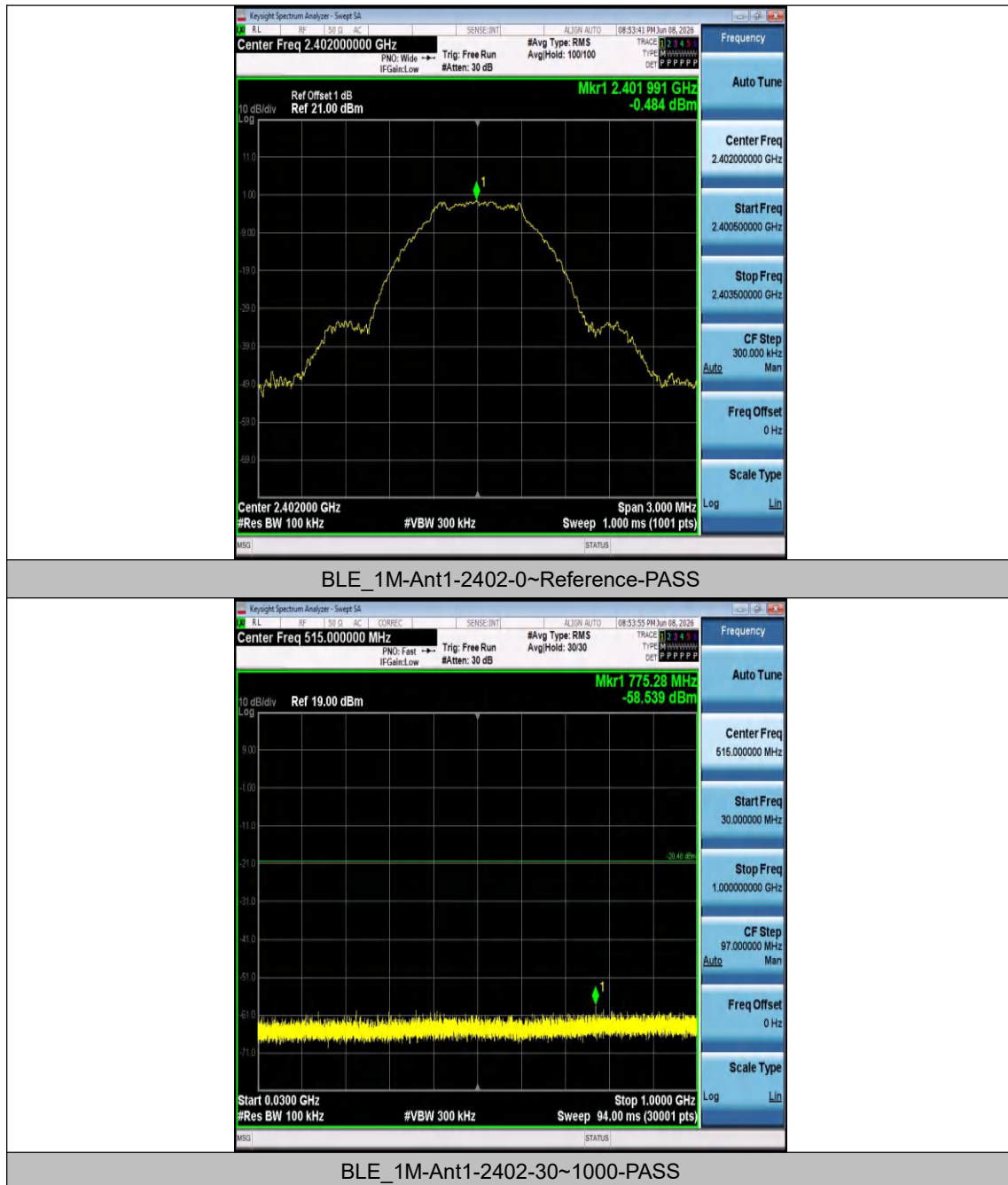
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.48	-0.48	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.48	-58.54	≤-20.48	PASS
BLE_1M	Ant1	2402	1000~26500	-0.48	-48.26	≤-20.48	PASS
BLE_1M	Ant1	2440	0~Reference	1.07	1.07	---	PASS
BLE_1M	Ant1	2440	30~1000	1.07	-59.22	≤-18.93	PASS
BLE_1M	Ant1	2440	1000~26500	1.07	-48.37	≤-18.93	PASS
BLE_1M	Ant1	2480	0~Reference	1.40	1.40	---	PASS
BLE_1M	Ant1	2480	30~1000	1.40	-59.17	≤-18.6	PASS
BLE_1M	Ant1	2480	1000~26500	1.40	-48.64	≤-18.6	PASS
BLE_2M	Ant1	2402	0~Reference	-1.20	-1.20	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.20	-58.65	≤-21.2	PASS
BLE_2M	Ant1	2402	1000~26500	-1.20	-47.98	≤-21.2	PASS
BLE_2M	Ant1	2440	0~Reference	-0.60	-0.60	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.60	-58.31	≤-20.6	PASS
BLE_2M	Ant1	2440	1000~26500	-0.60	-48.6	≤-20.6	PASS
BLE_2M	Ant1	2480	0~Reference	-0.29	-0.29	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.29	-59.17	≤-20.29	PASS
BLE_2M	Ant1	2480	1000~26500	-0.29	-48.44	≤-20.29	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.

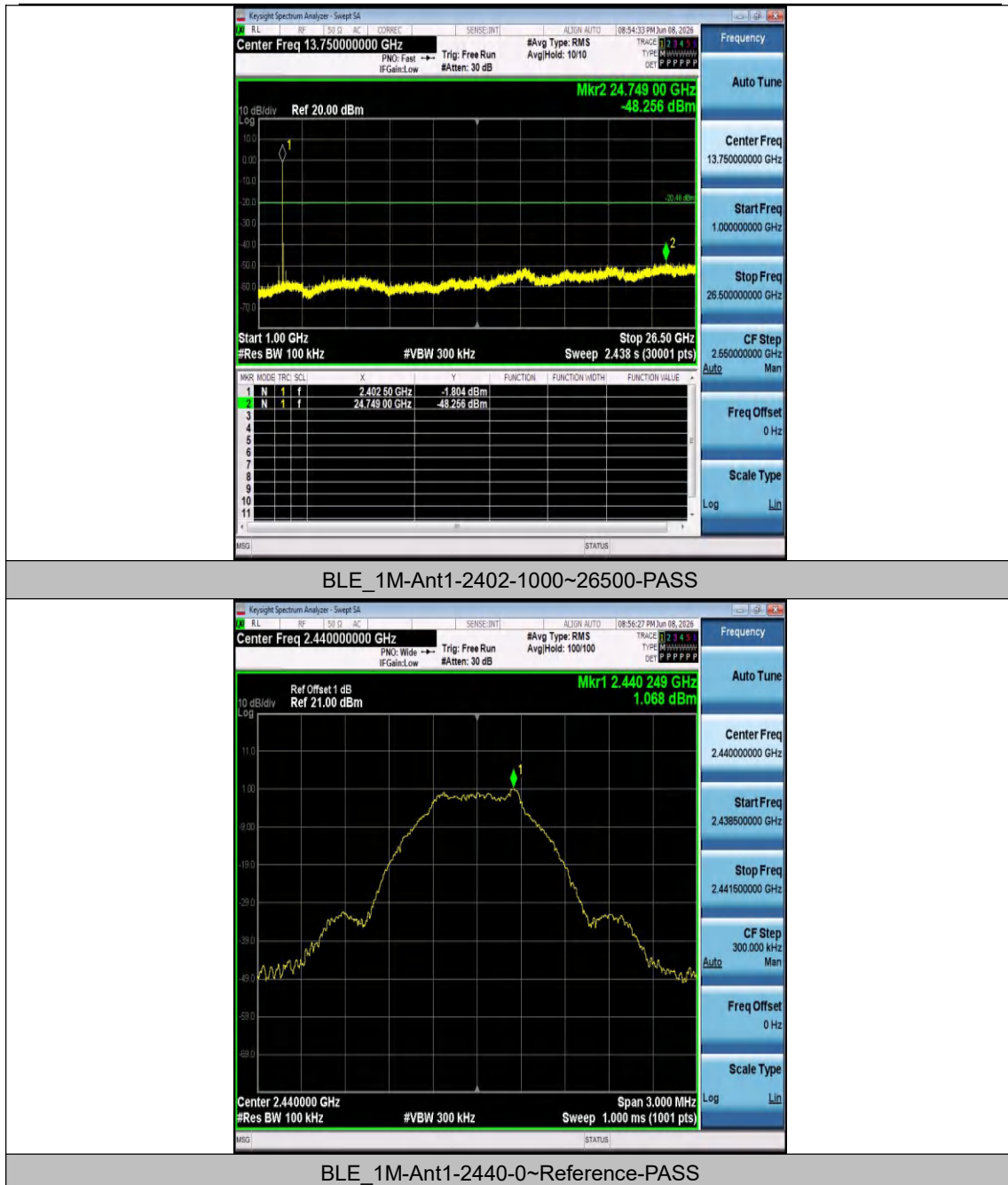
Test Graphs



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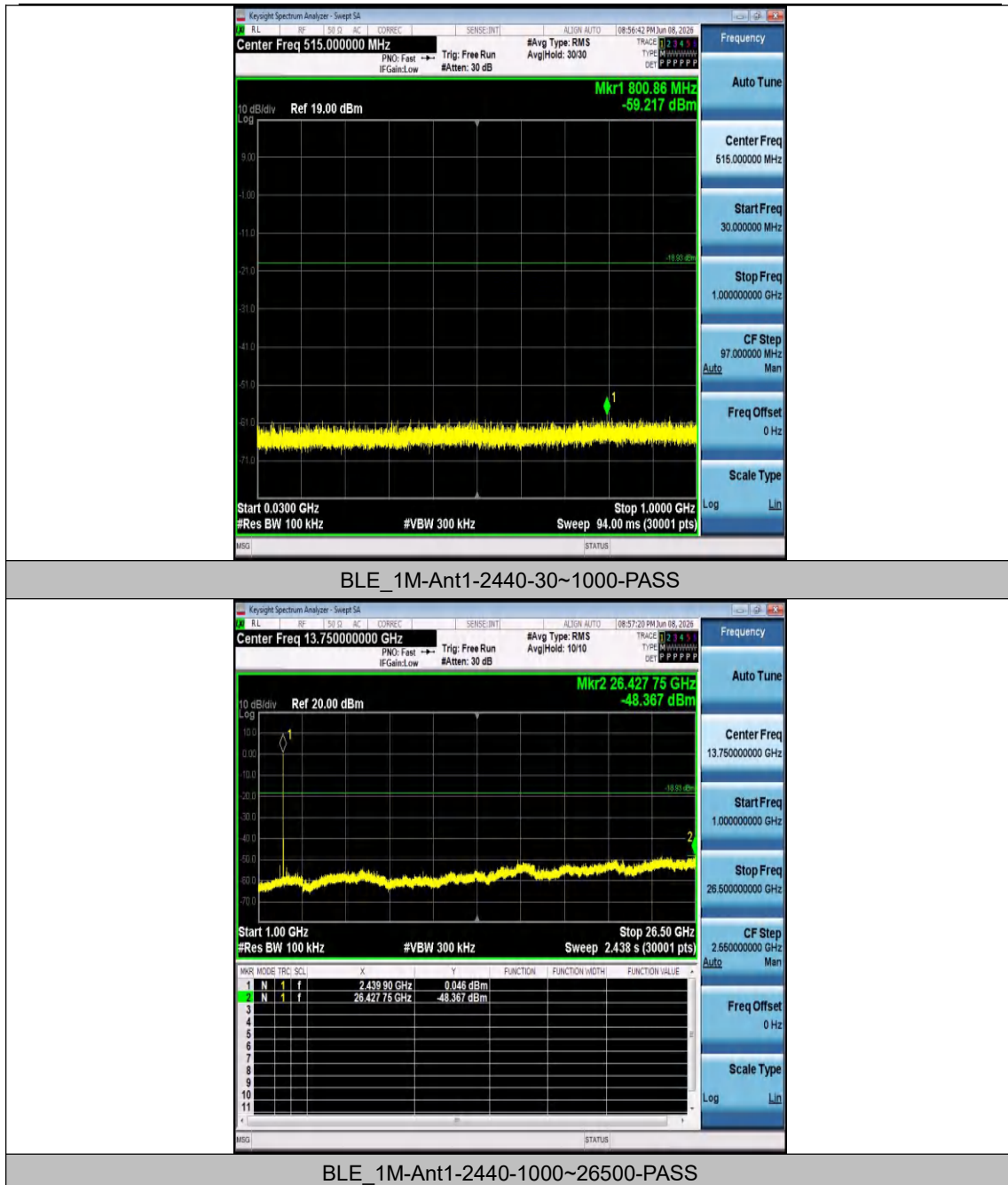
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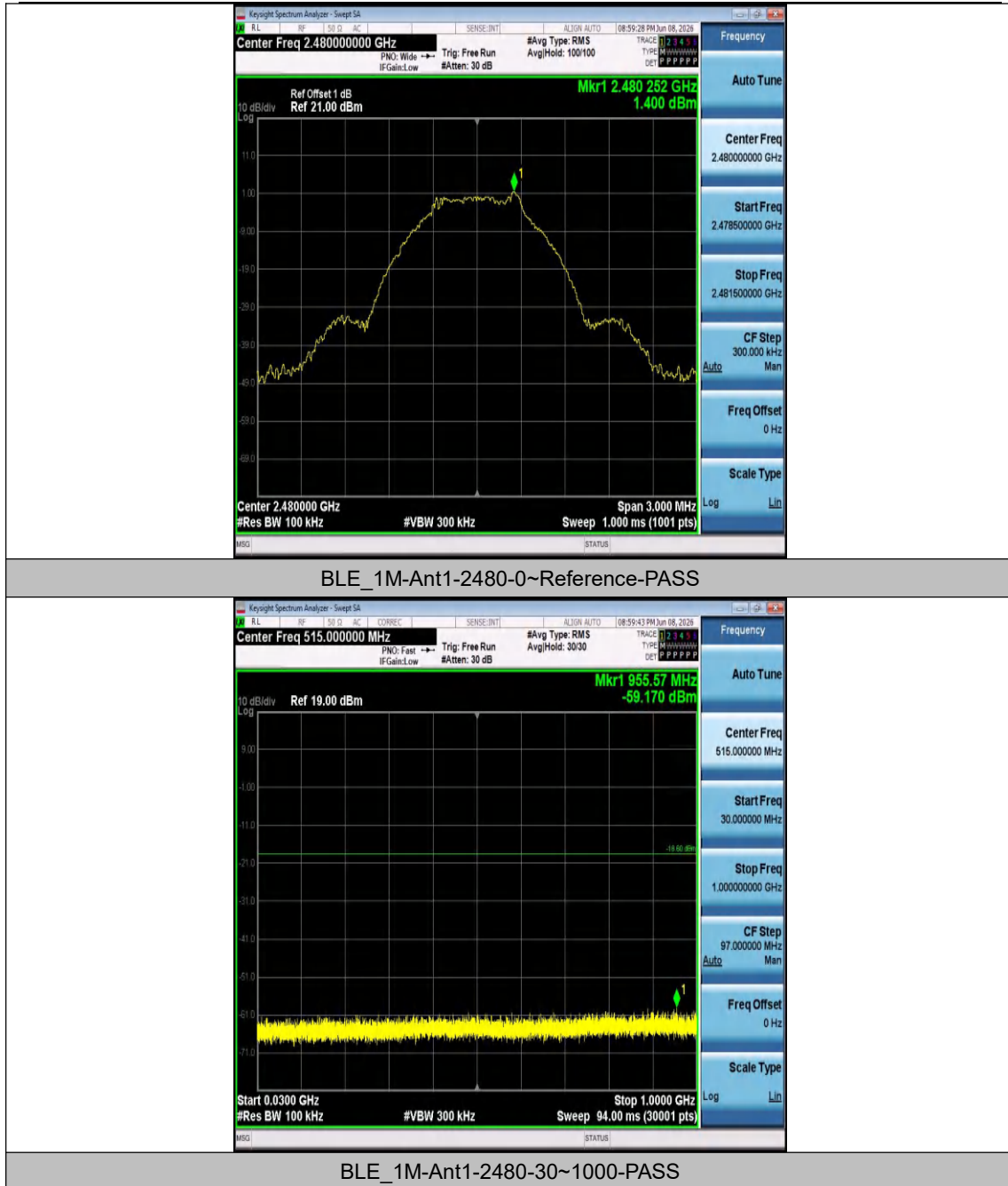
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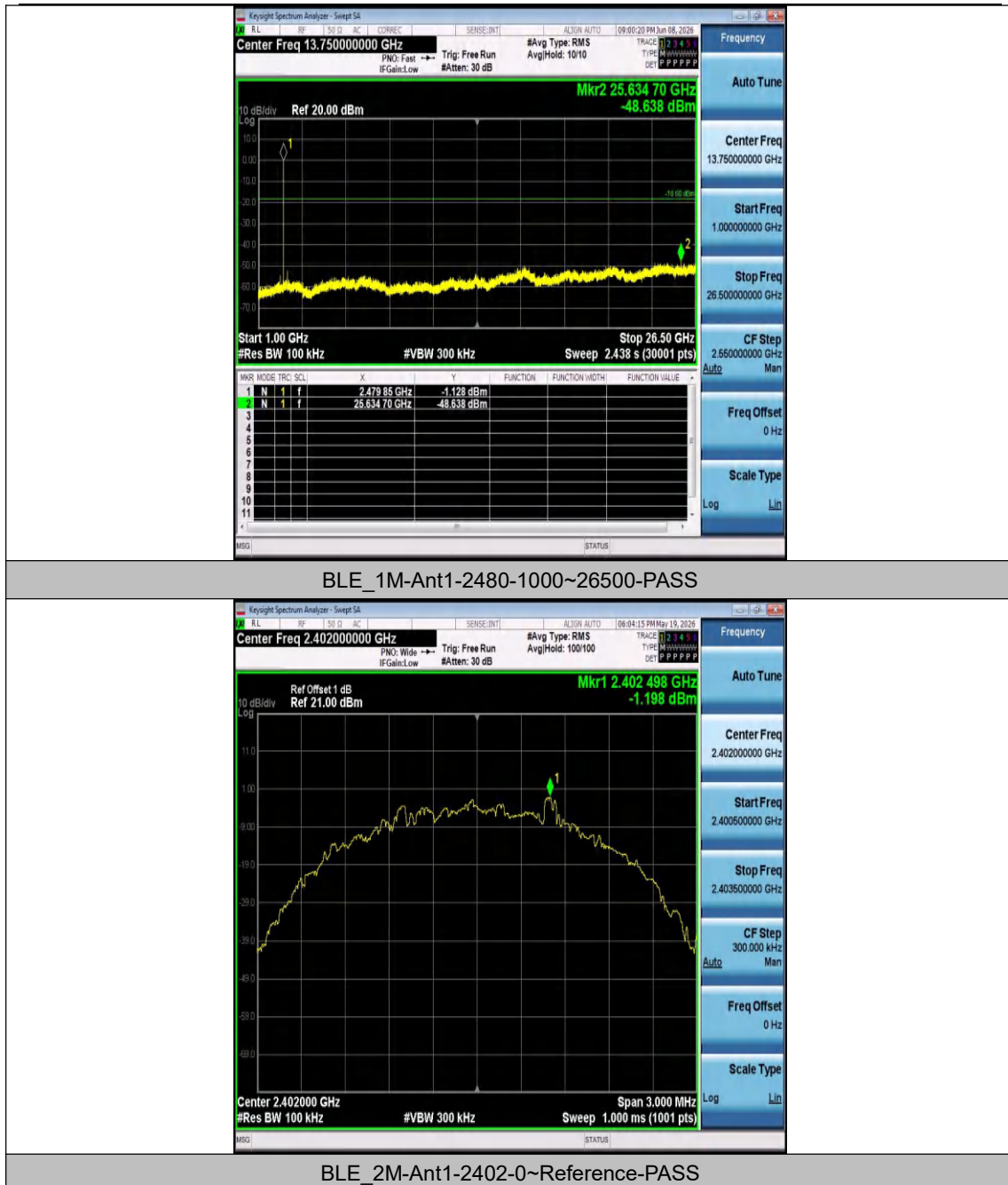
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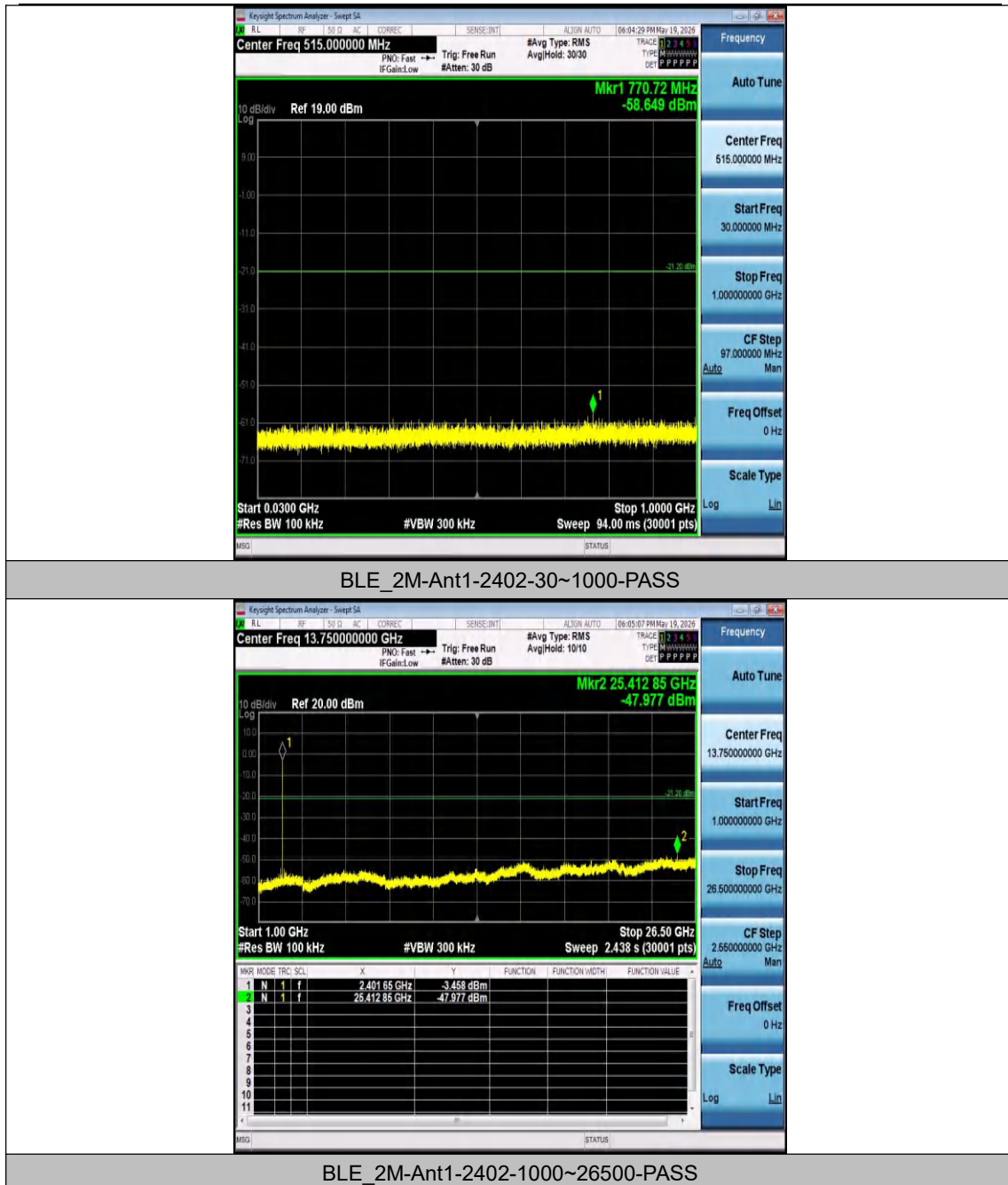


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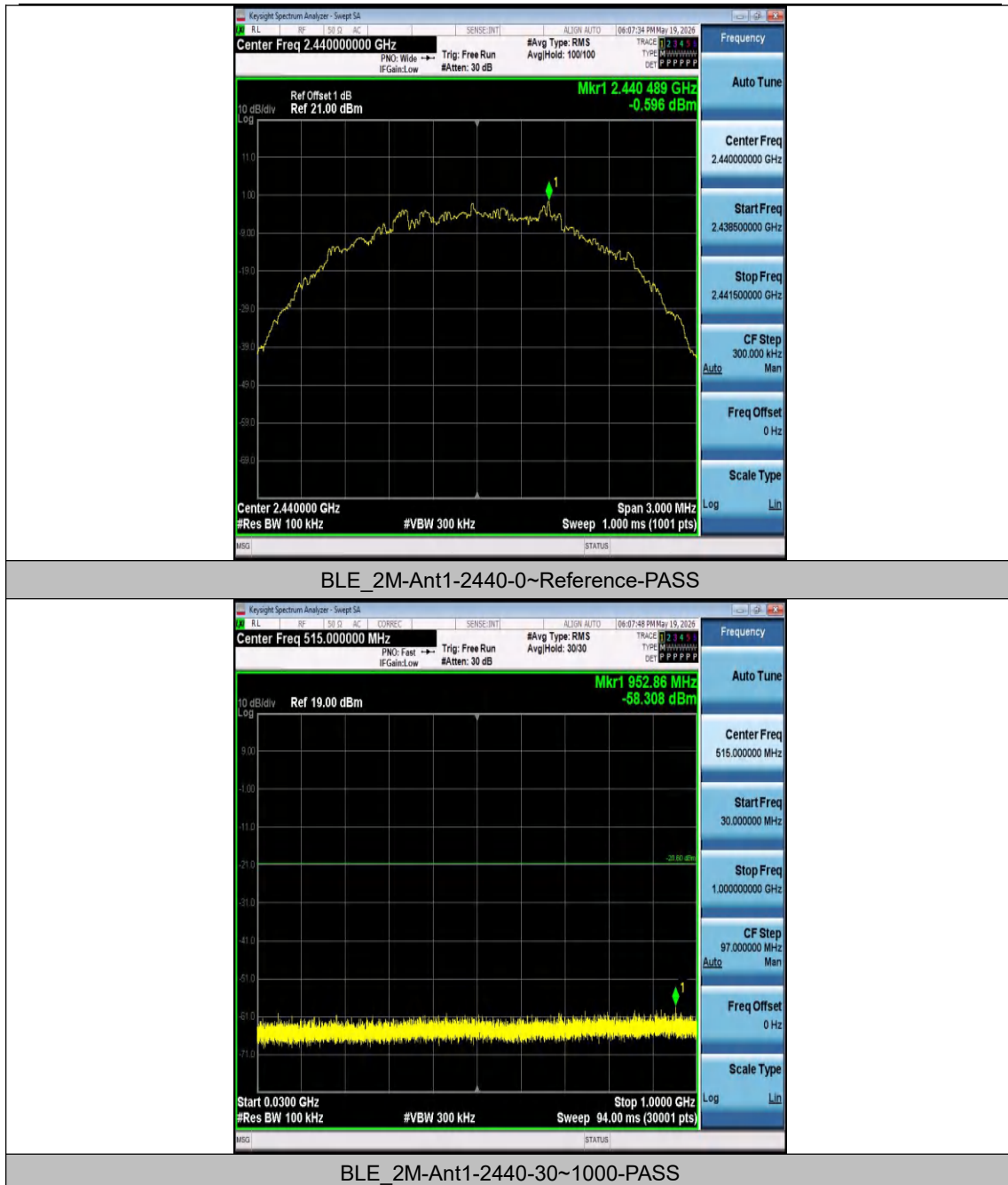




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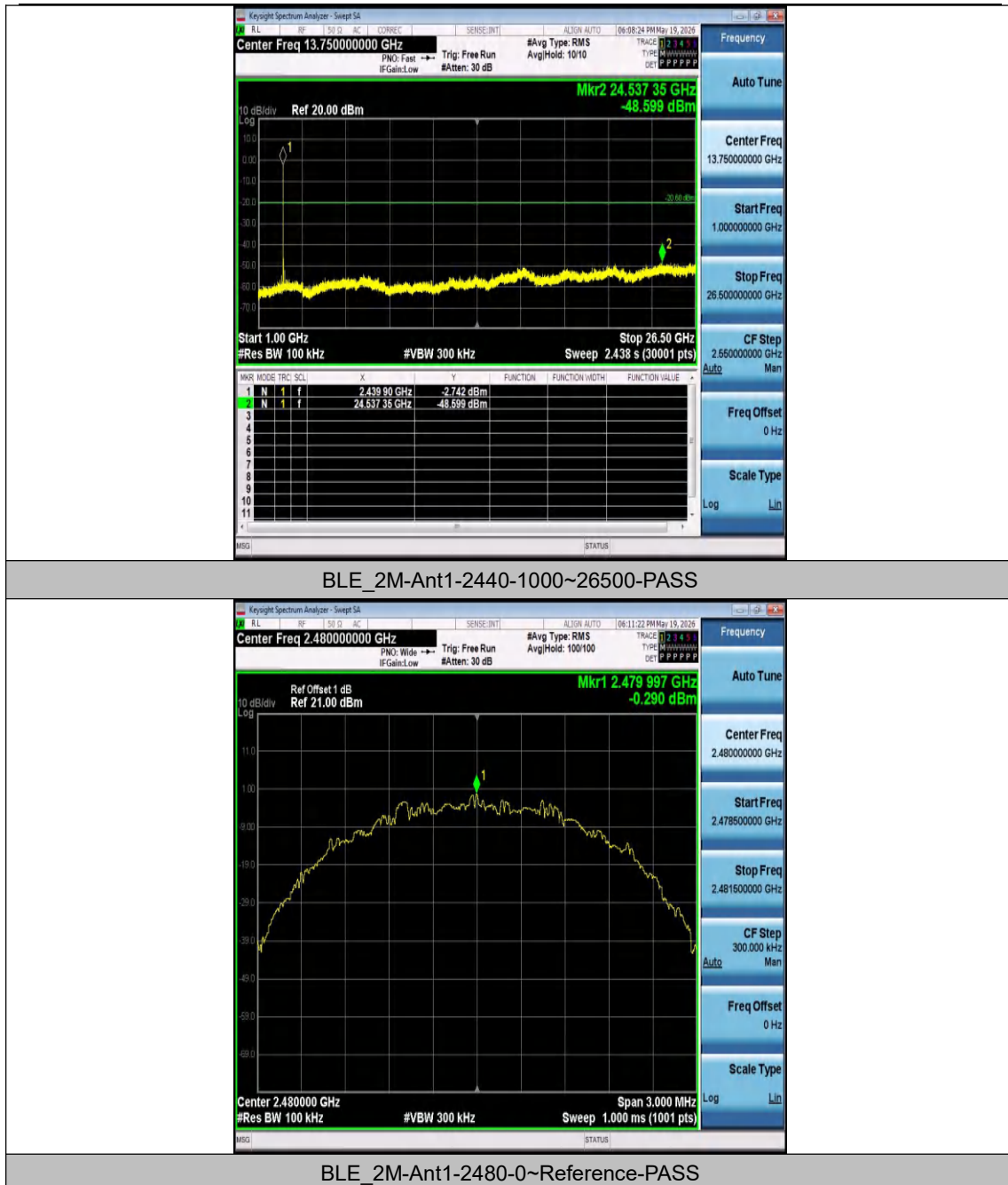
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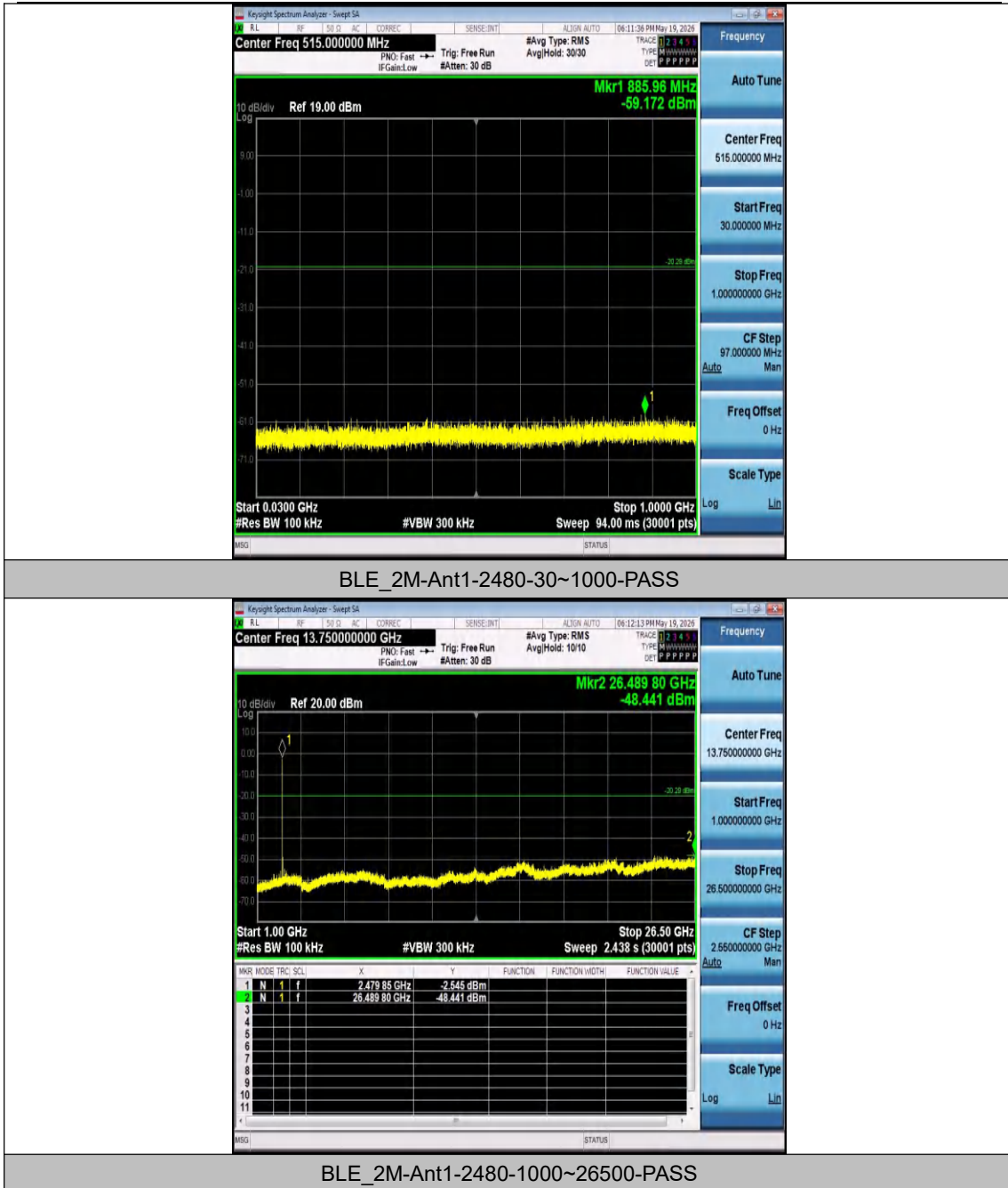


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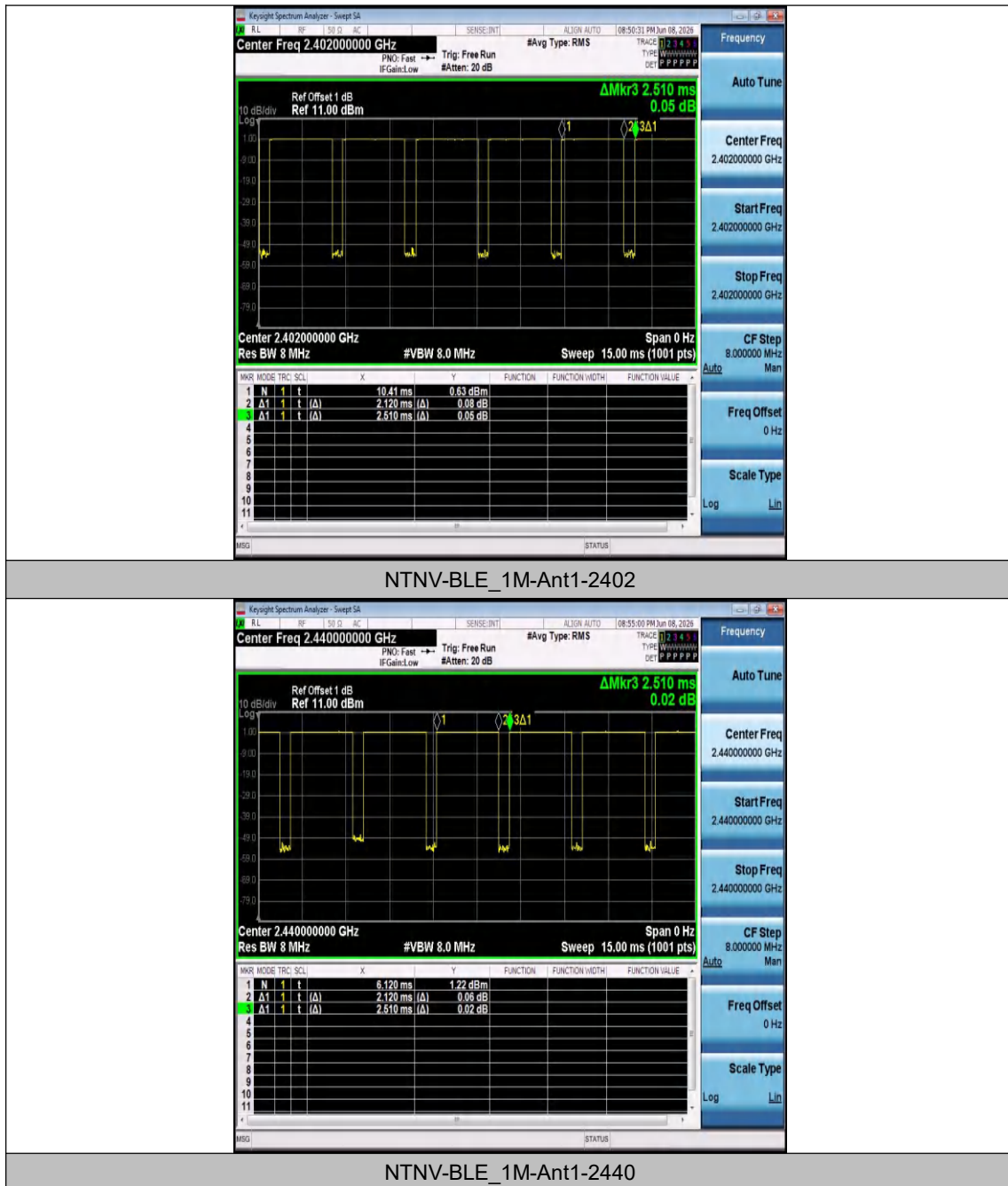
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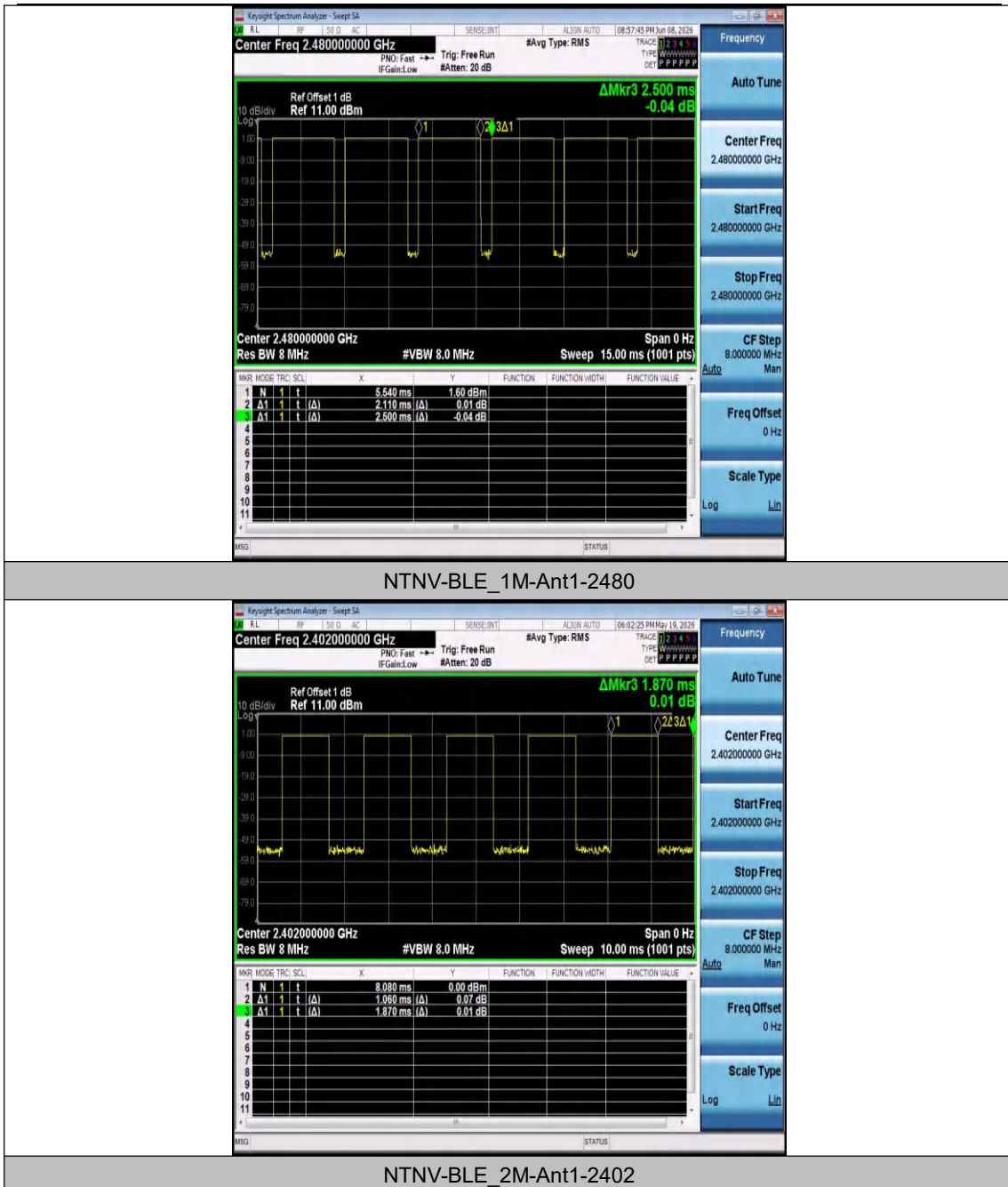
Appendix G: Duty Cycle

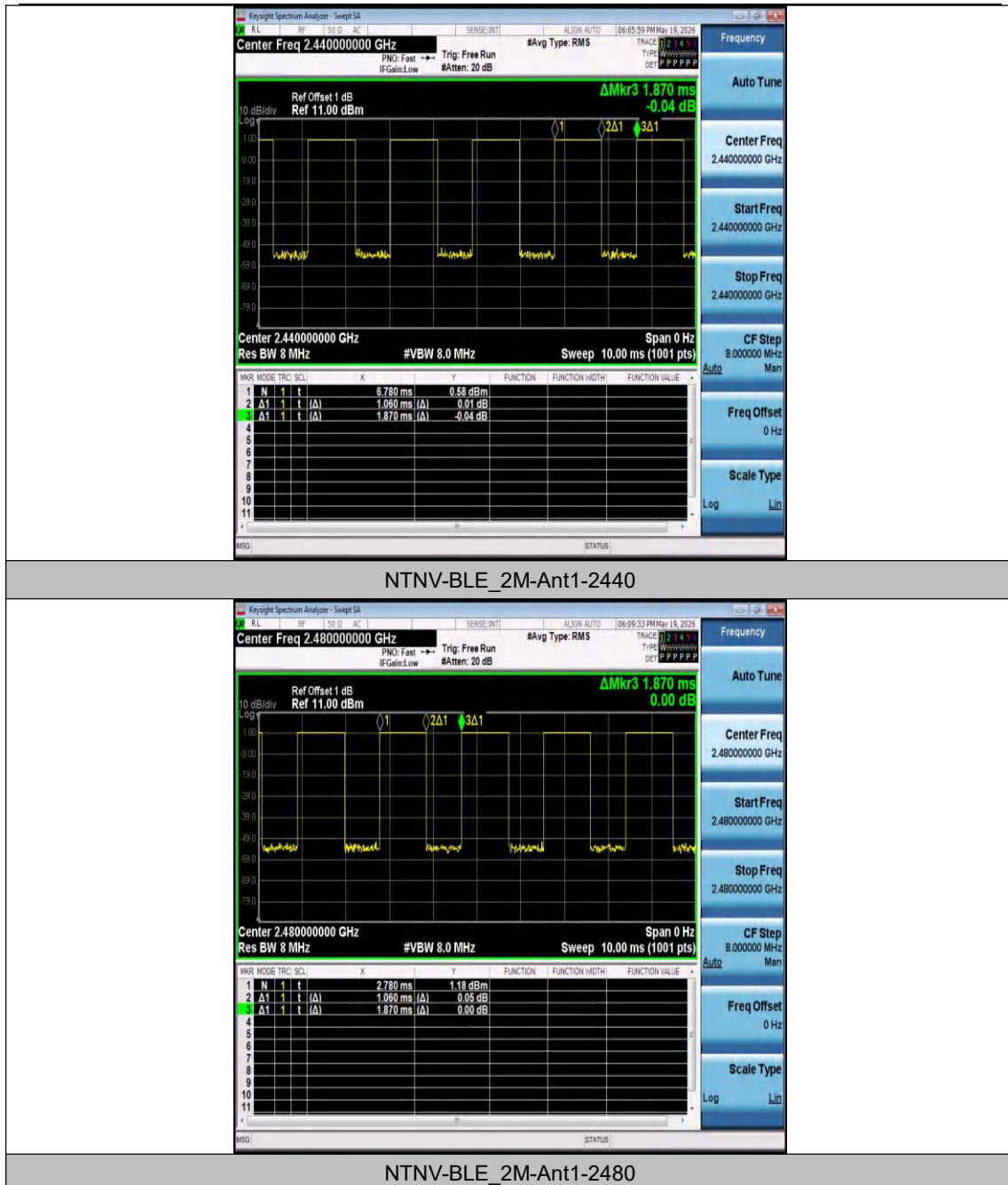
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2440	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2480	2.11	2.50	84.40	0.74
BLE_2M	Ant1	2402	1.06	1.87	56.68	2.47
BLE_2M	Ant1	2440	1.06	1.87	56.68	2.47
BLE_2M	Ant1	2480	1.06	1.87	56.68	2.47

Test Graphs







---End---