

Appendix Test Data

Report No.:	1819C60049212501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-15	Finish Test Date:	2026-5-18
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	60%
Pressure:	101kPa		

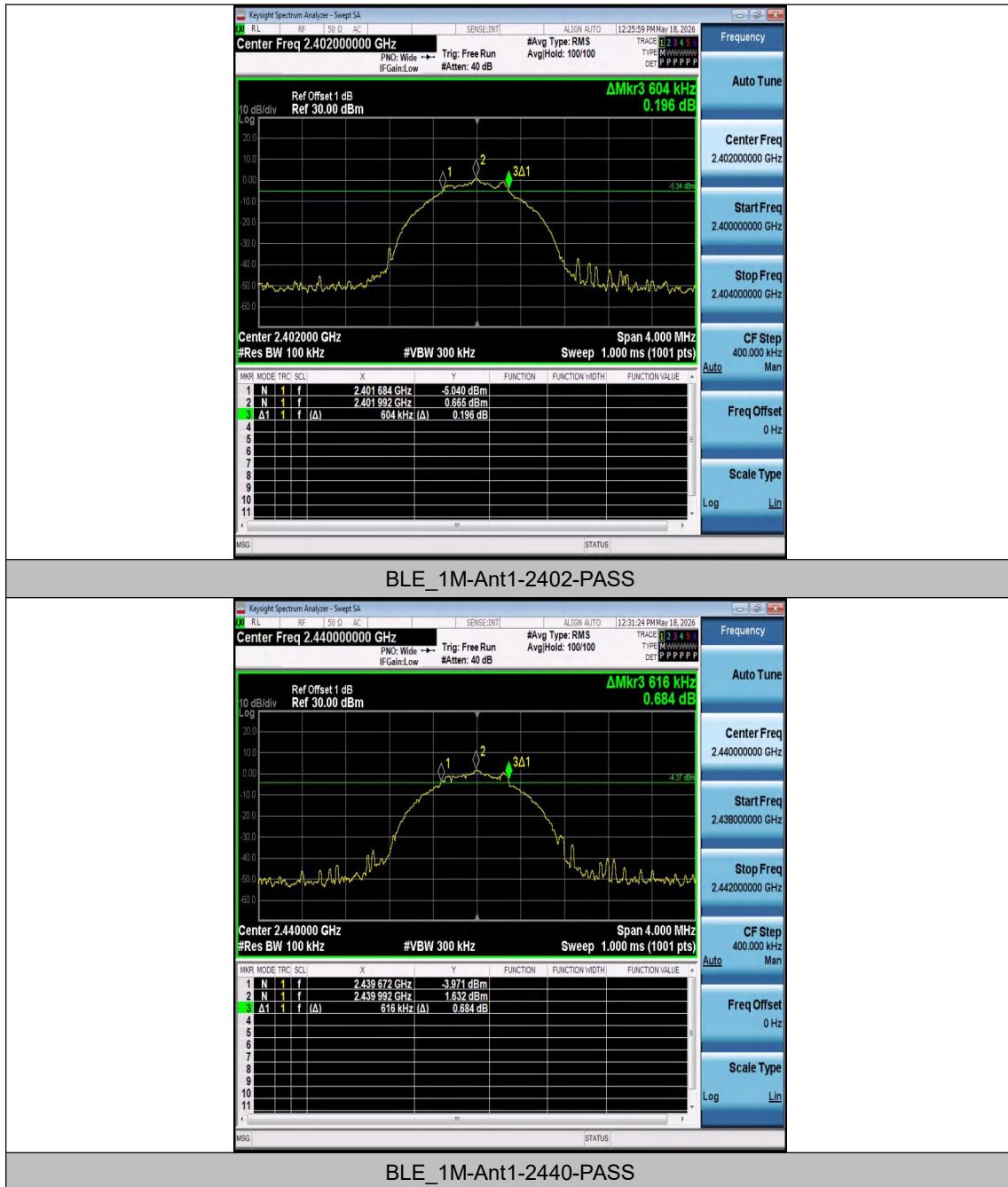


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.604	2401.684	2402.288	0.5	PASS
BLE_1M	Ant1	2440	0.616	2439.672	2440.288	0.5	PASS
BLE_1M	Ant1	2480	0.620	2479.668	2480.288	0.5	PASS
BLE_2M	Ant1	2402	0.996	2401.488	2402.484	0.5	PASS
BLE_2M	Ant1	2440	1.028	2439.472	2440.500	0.5	PASS
BLE_2M	Ant1	2480	1.088	2479.444	2480.532	0.5	PASS

Test Graphs



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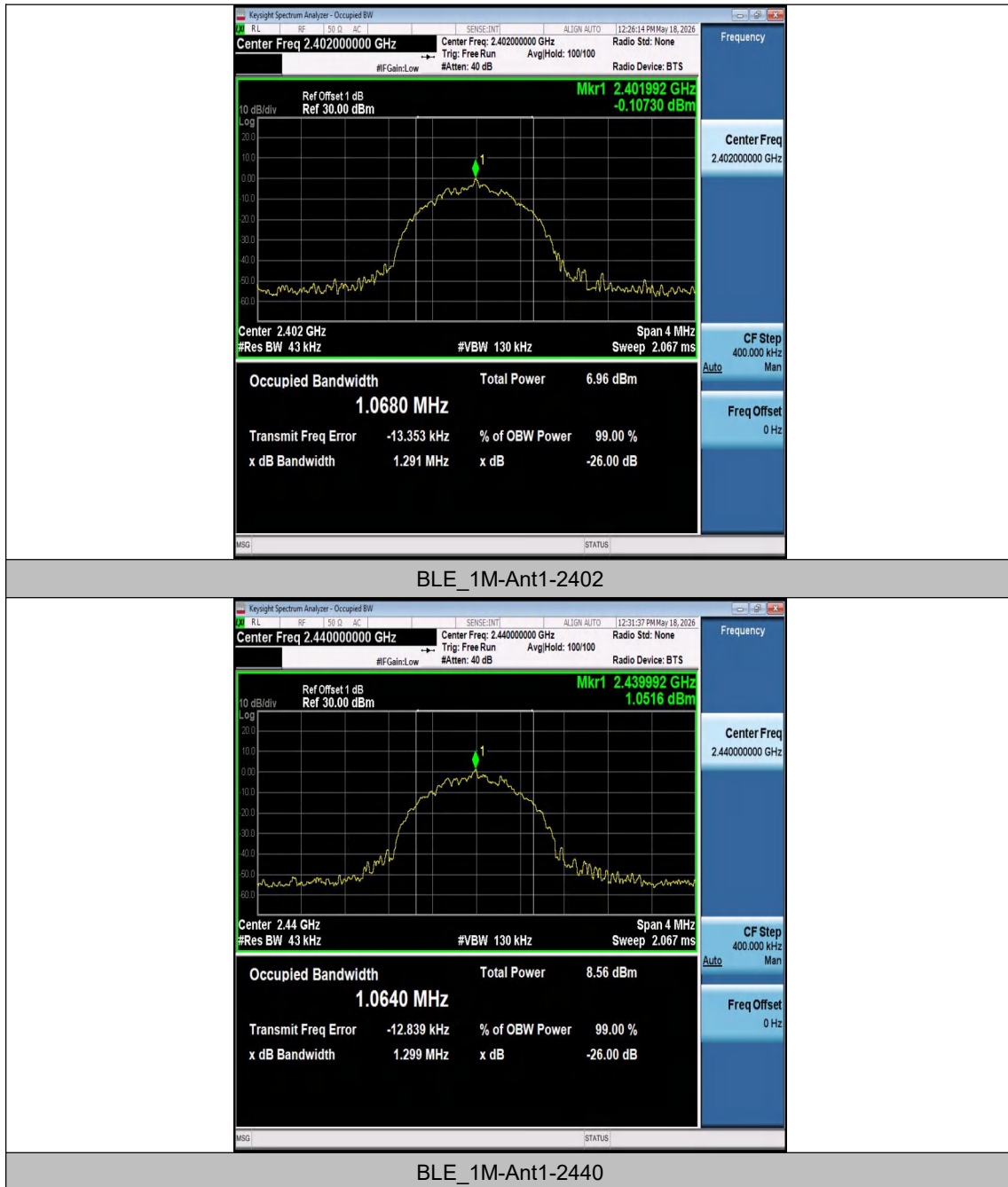
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0680	2401.4527	2402.5207	---	---
BLE_1M	Ant1	2440	1.0640	2439.4552	2440.5192	---	---
BLE_1M	Ant1	2480	1.0828	2479.4437	2480.5265	---	---
BLE_2M	Ant1	2402	2.1074	2400.9443	2403.0517	---	---
BLE_2M	Ant1	2440	2.1334	2438.9277	2441.0611	---	---
BLE_2M	Ant1	2480	2.1035	2478.9456	2481.0491	---	---

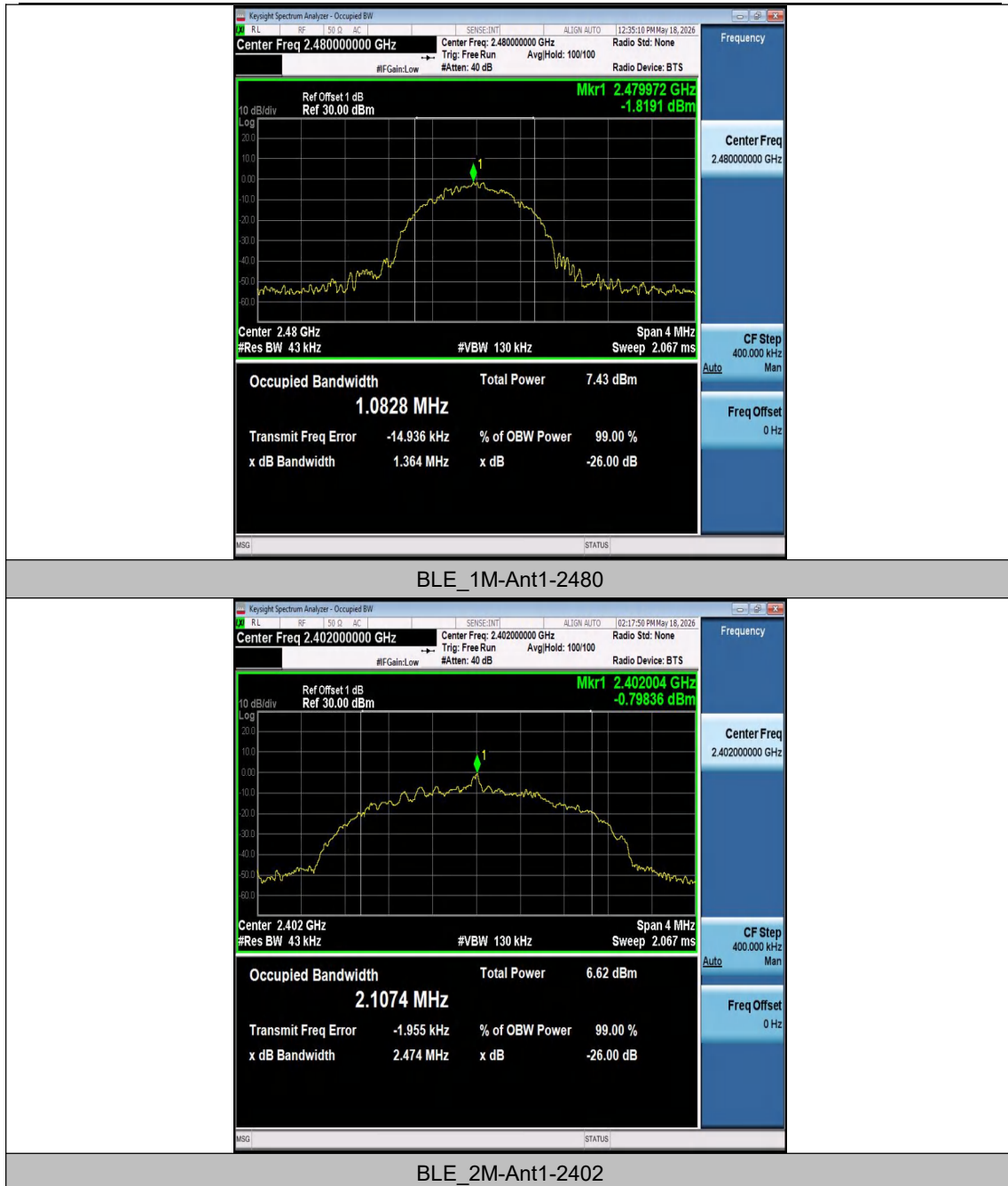
Test Graphs



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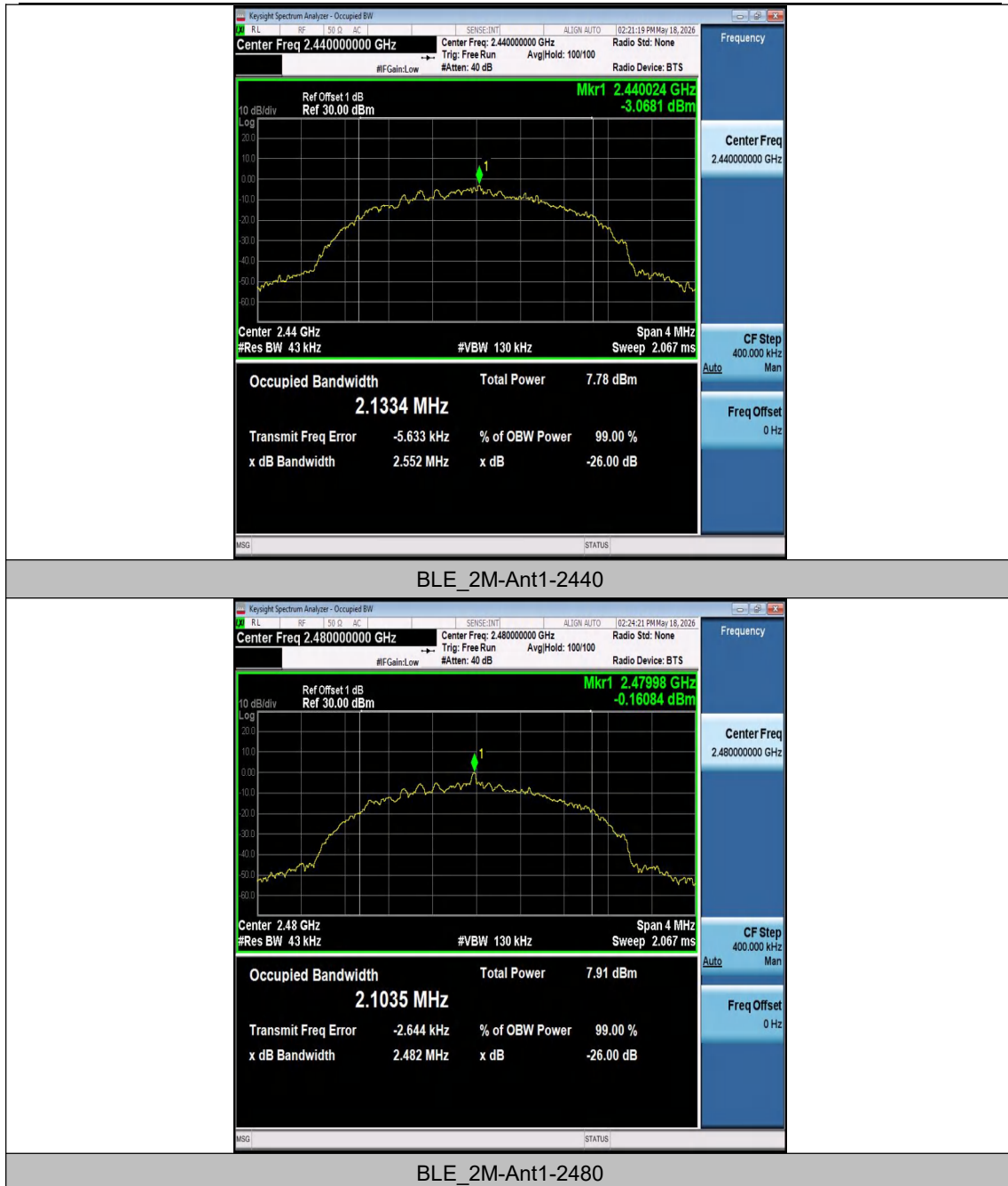
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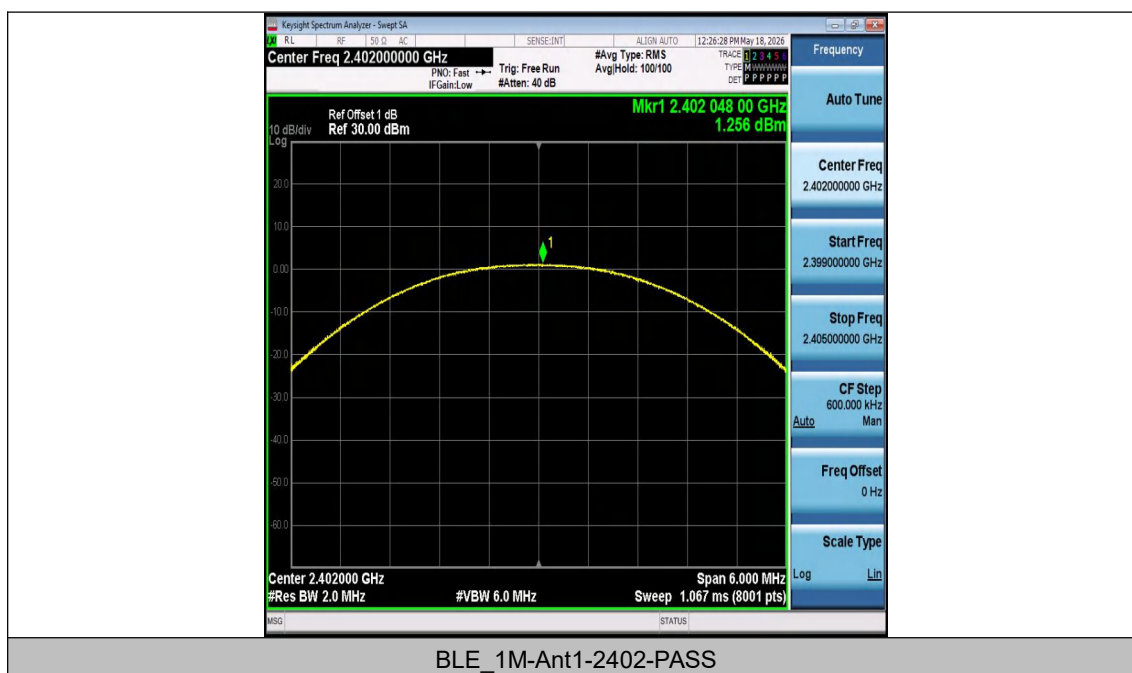
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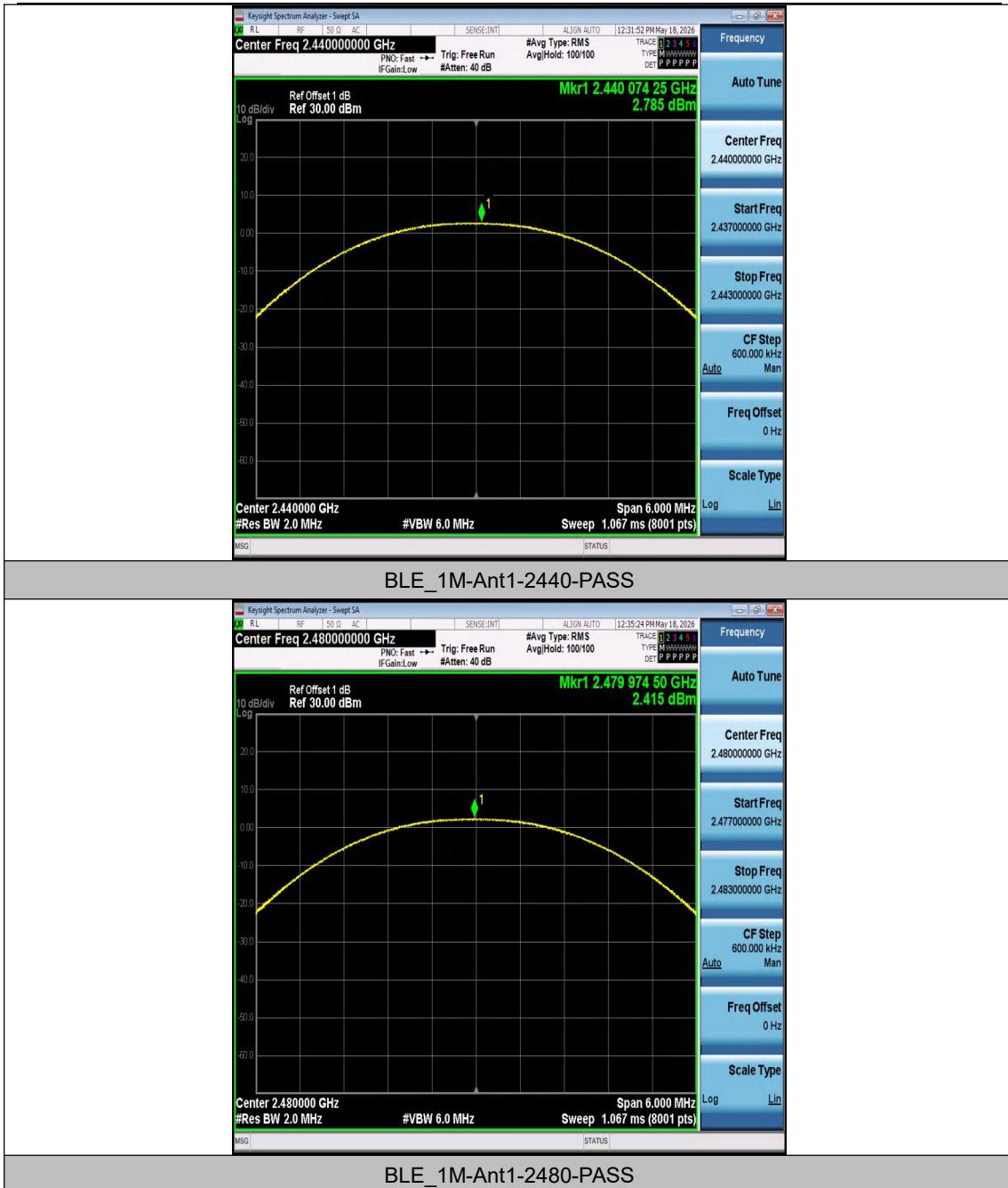
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.26	≤30	PASS
BLE_1M	Ant1	2440	2.79	≤30	PASS
BLE_1M	Ant1	2480	2.42	≤30	PASS
BLE_2M	Ant1	2402	0.72	≤30	PASS
BLE_2M	Ant1	2440	2.46	≤30	PASS
BLE_2M	Ant1	2480	2.34	≤30	PASS

Test Graphs Peak

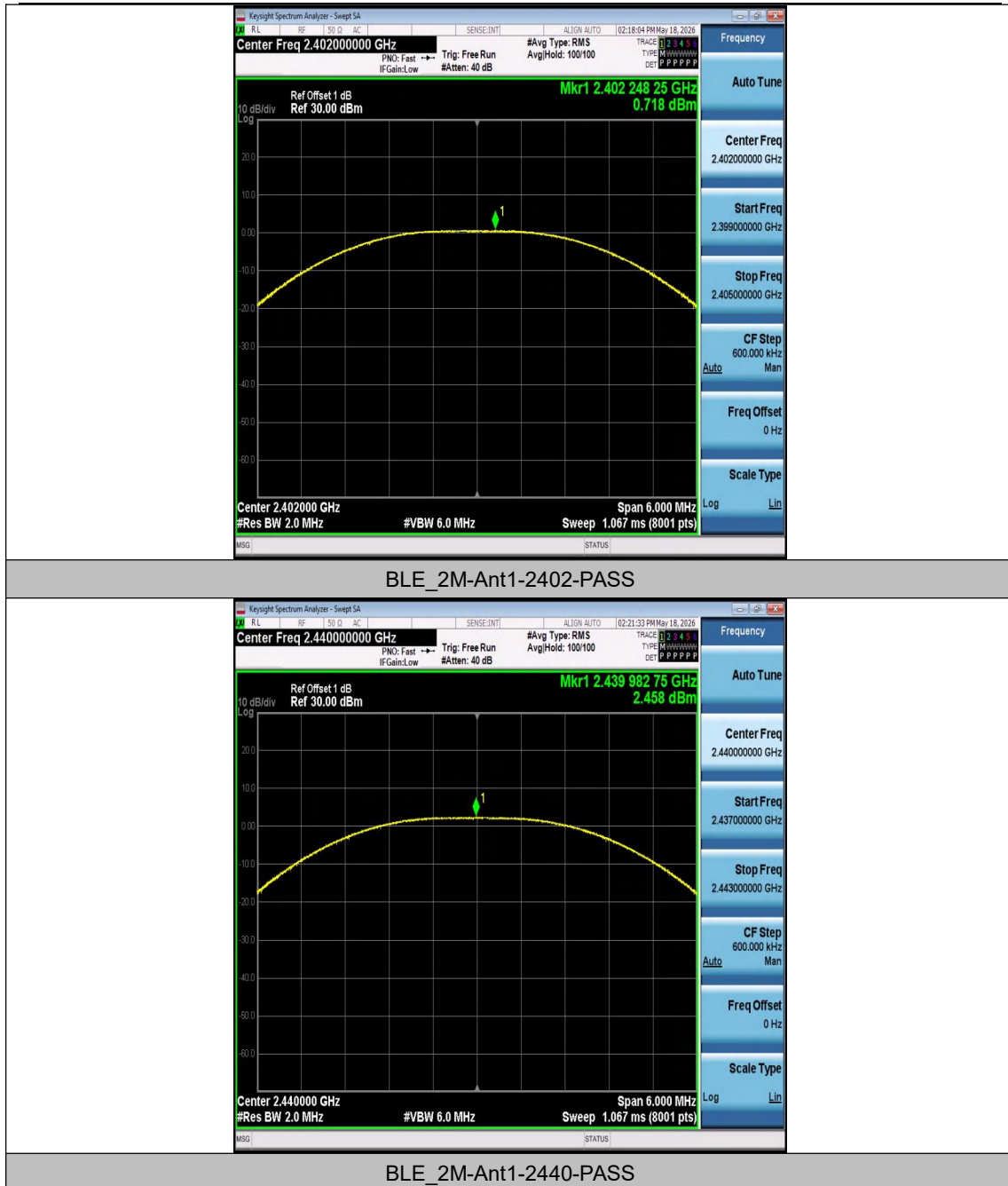




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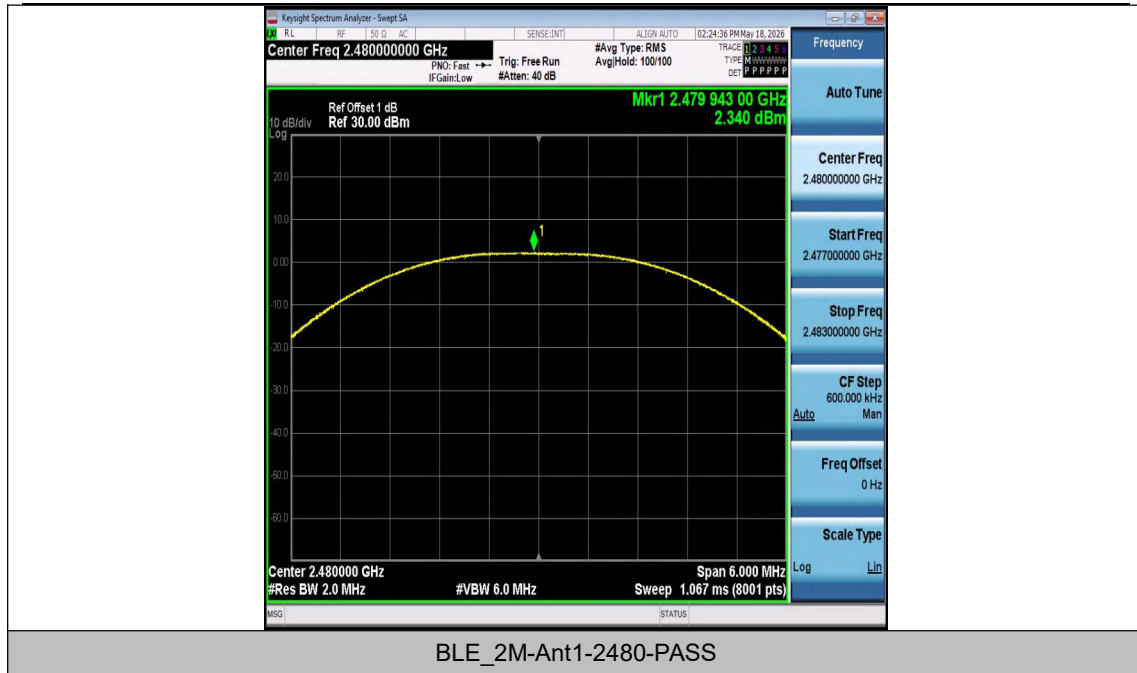
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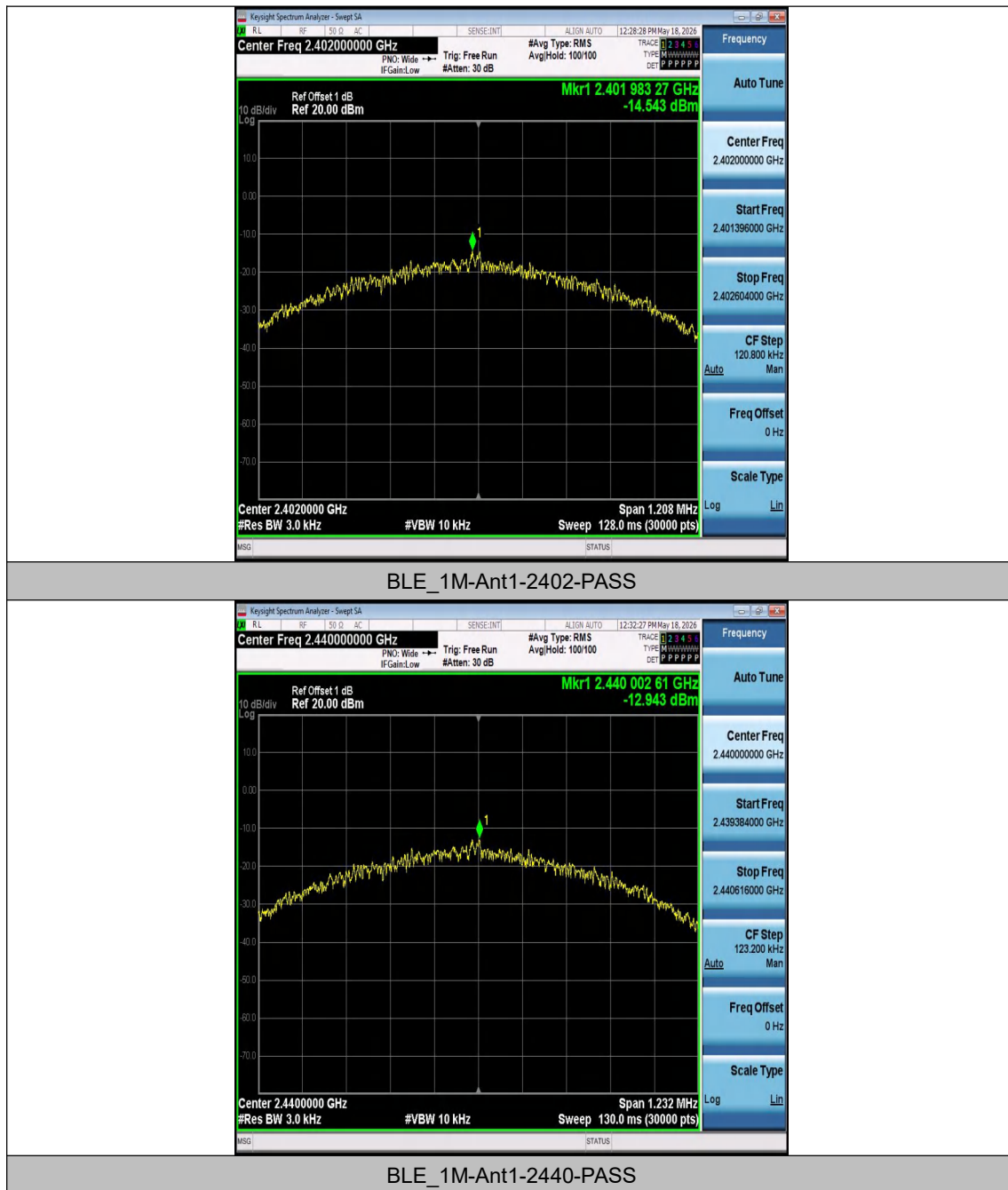
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.54	≤8.00	PASS
BLE_1M	Ant1	2440	-12.94	≤8.00	PASS
BLE_1M	Ant1	2480	-13.31	≤8.00	PASS
BLE_2M	Ant1	2402	-16.81	≤8.00	PASS
BLE_2M	Ant1	2440	-14.98	≤8.00	PASS
BLE_2M	Ant1	2480	-15.17	≤8.00	PASS

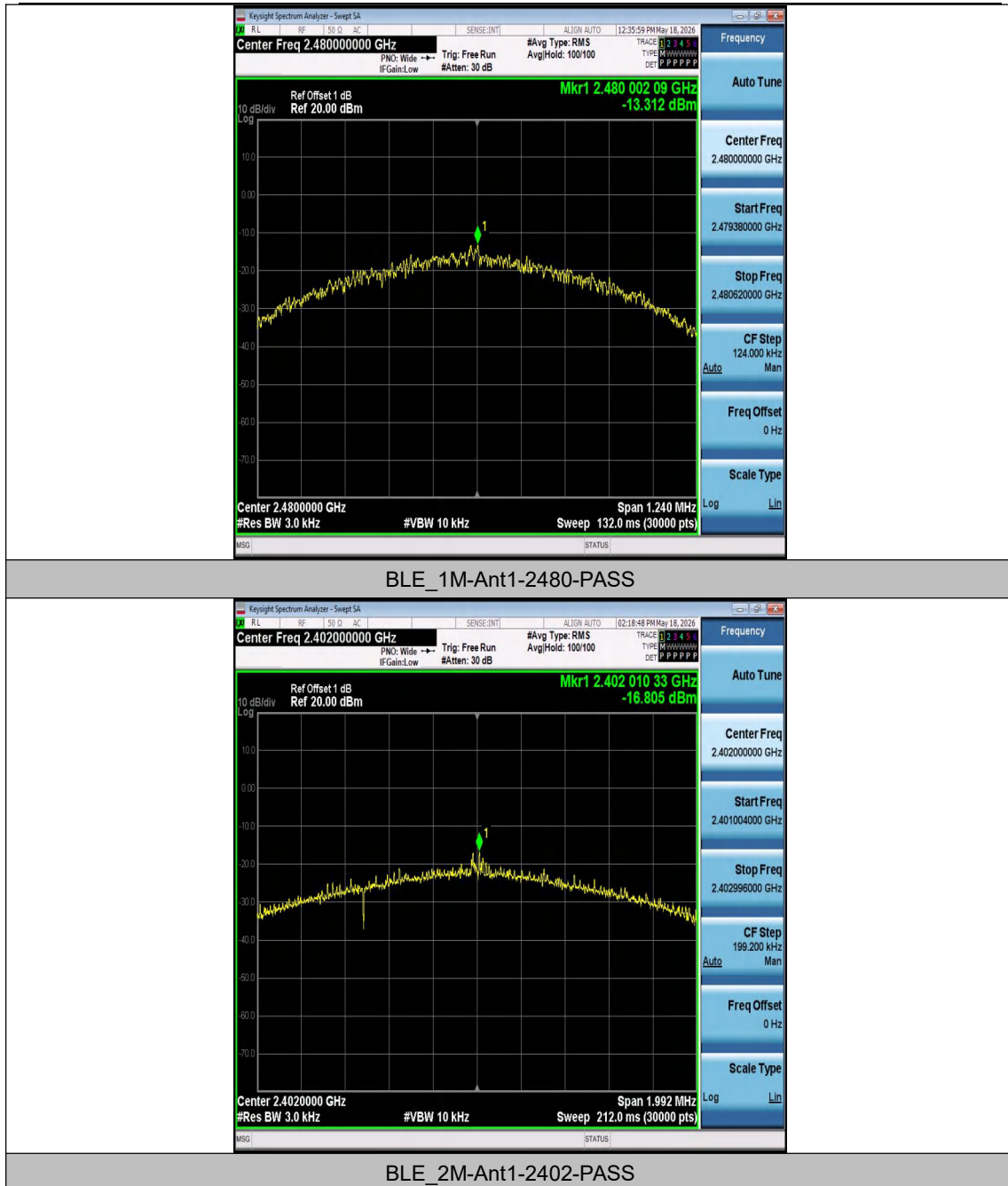
Test Graphs



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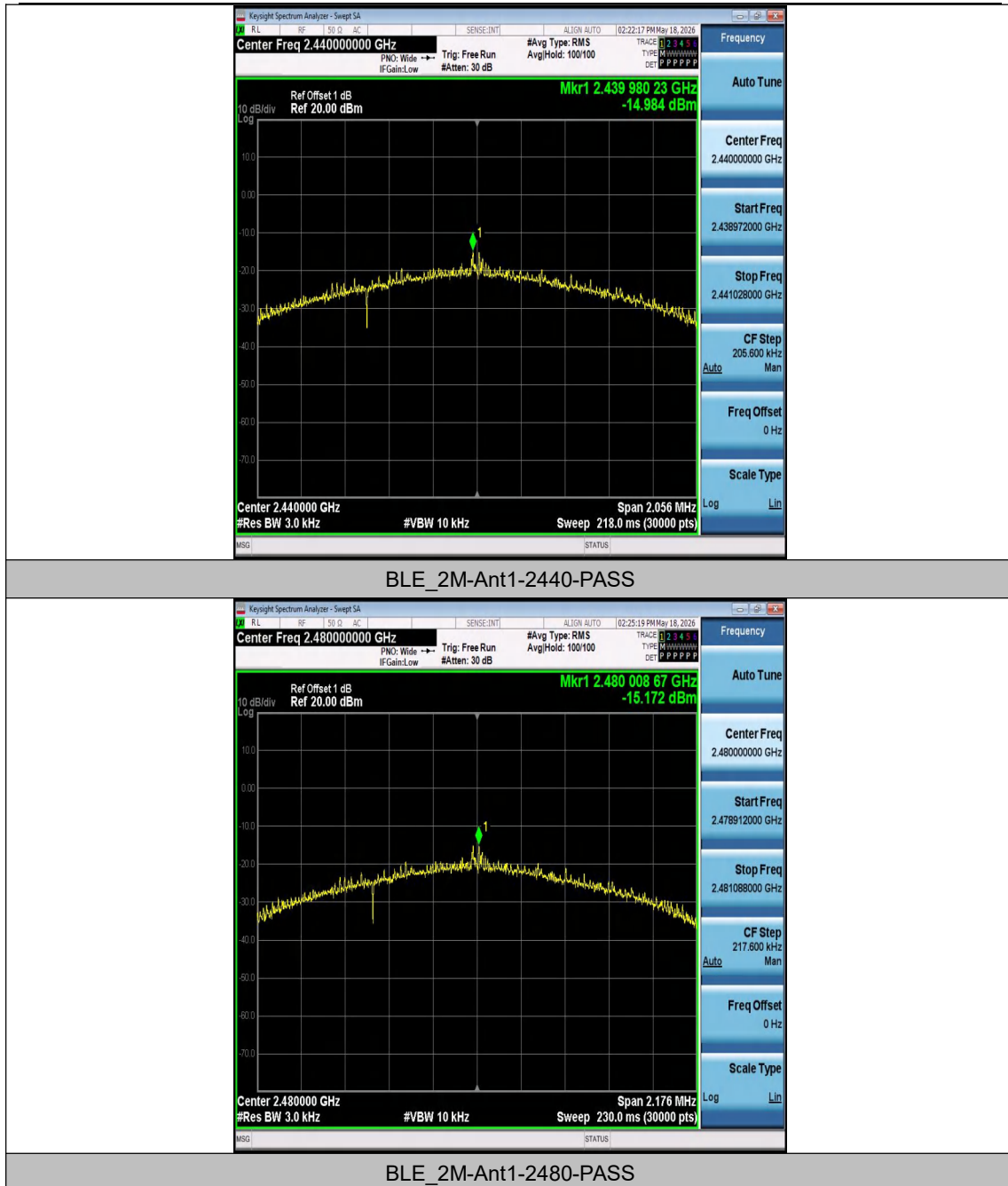
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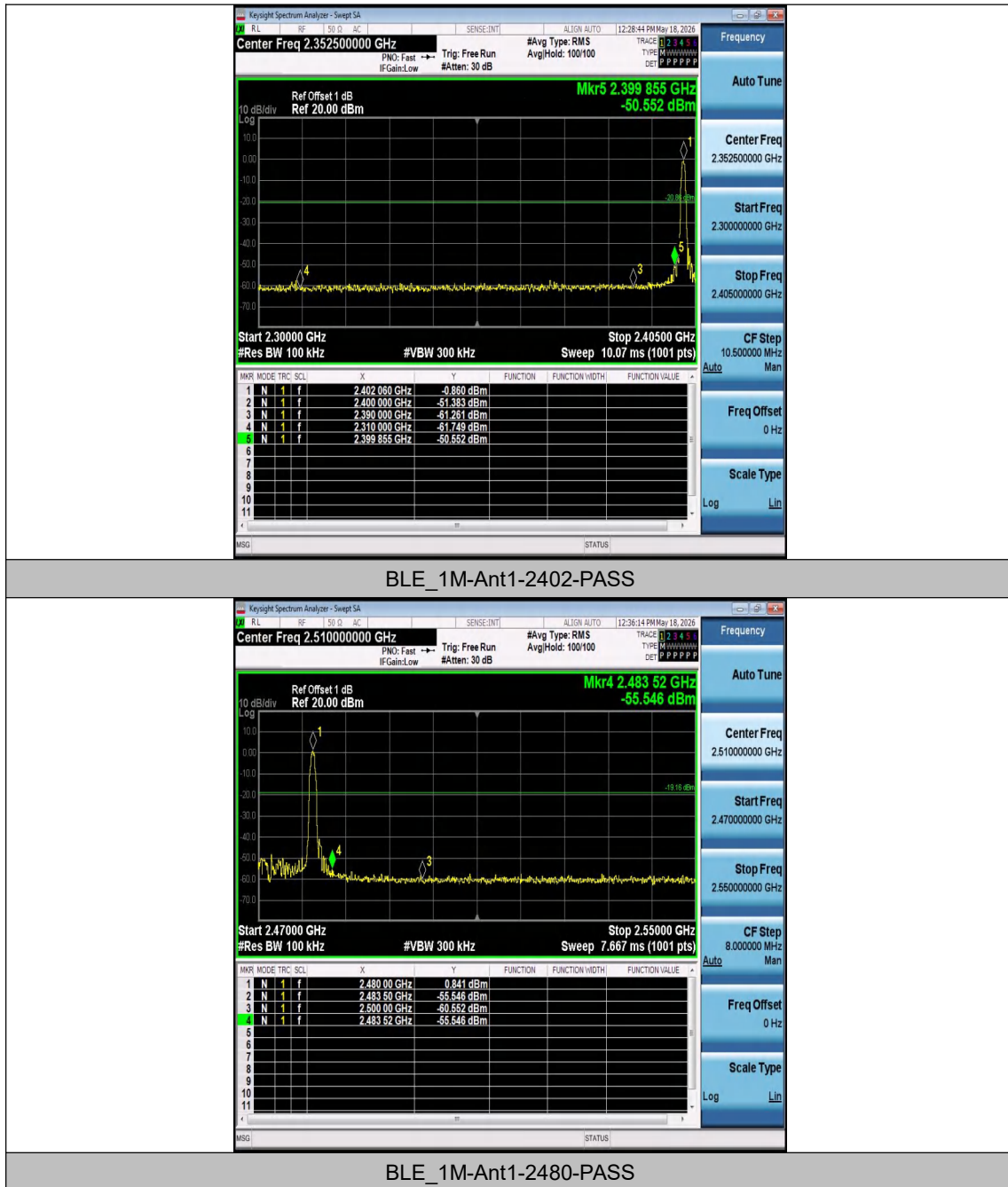
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.86	-50.55	≤-20.86	PASS
BLE_1M	Ant1	High	2480	0.84	-55.55	≤-19.16	PASS
BLE_2M	Ant1	Low	2402	0.30	-49.23	≤-19.7	PASS
BLE_2M	Ant1	High	2480	-0.92	-56.66	≤-20.92	PASS

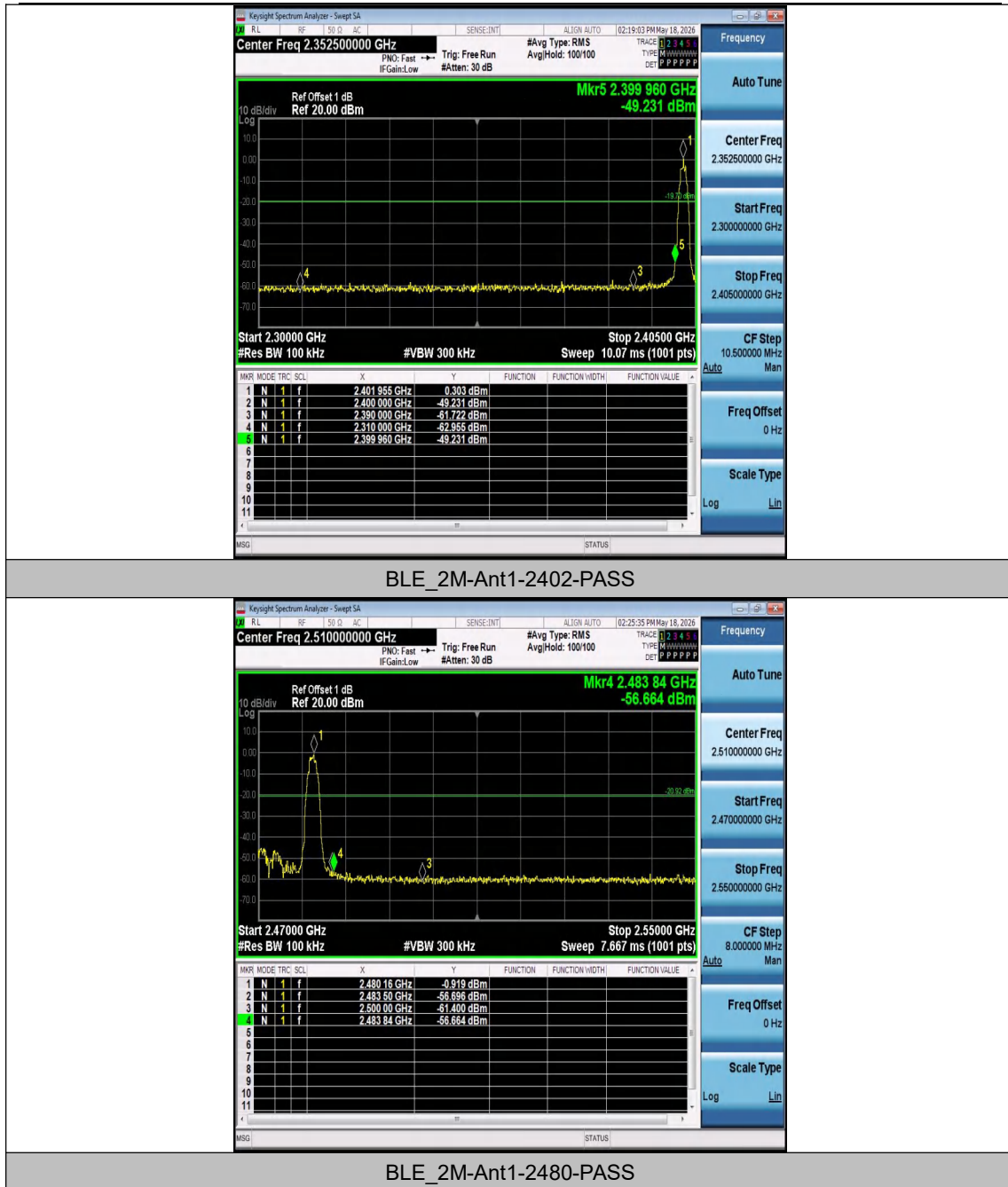
Test Graphs



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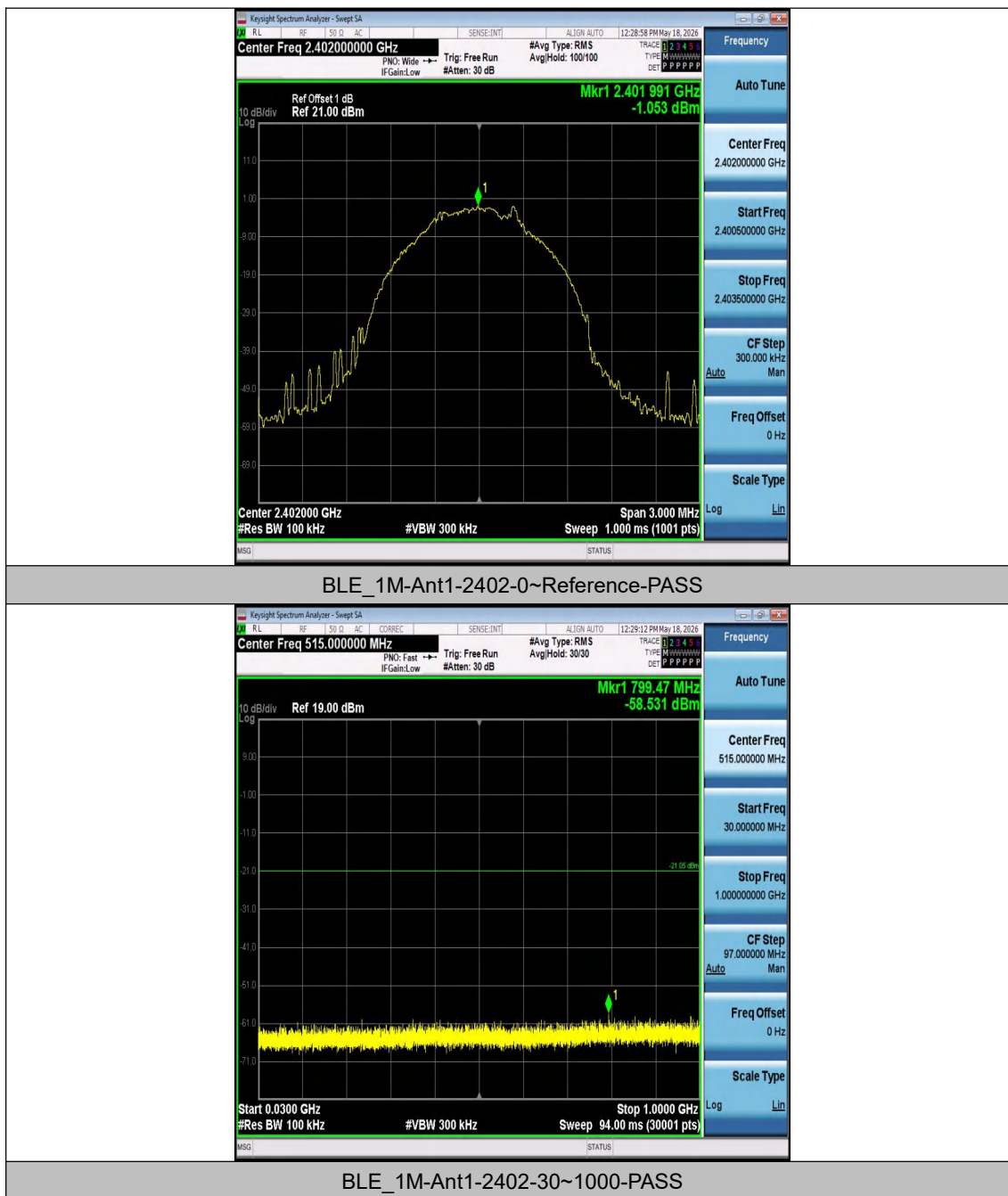
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.05	-1.05	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.05	-58.53	≤-21.05	PASS
BLE_1M	Ant1	2402	1000~26500	-1.05	-48.85	≤-21.05	PASS
BLE_1M	Ant1	2440	0~Reference	0.70	0.70	---	PASS
BLE_1M	Ant1	2440	30~1000	0.70	-59.28	≤-19.3	PASS
BLE_1M	Ant1	2440	1000~26500	0.70	-47.24	≤-19.3	PASS
BLE_1M	Ant1	2480	0~Reference	0.48	0.48	---	PASS
BLE_1M	Ant1	2480	30~1000	0.48	-58.74	≤-19.52	PASS
BLE_1M	Ant1	2480	1000~26500	0.48	-43.95	≤-19.52	PASS
BLE_2M	Ant1	2402	0~Reference	-1.10	-1.10	---	PASS
BLE_2M	Ant1	2402	30~1000	-1.10	-59.13	≤-21.1	PASS
BLE_2M	Ant1	2402	1000~26500	-1.10	-48.33	≤-21.1	PASS
BLE_2M	Ant1	2440	0~Reference	1.02	1.02	---	PASS
BLE_2M	Ant1	2440	30~1000	1.02	-59.18	≤-18.98	PASS
BLE_2M	Ant1	2440	1000~26500	1.02	-48.23	≤-18.98	PASS
BLE_2M	Ant1	2480	0~Reference	1.42	1.42	---	PASS
BLE_2M	Ant1	2480	30~1000	1.42	-57.99	≤-18.58	PASS
BLE_2M	Ant1	2480	1000~26500	1.42	-45.1	≤-18.58	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.

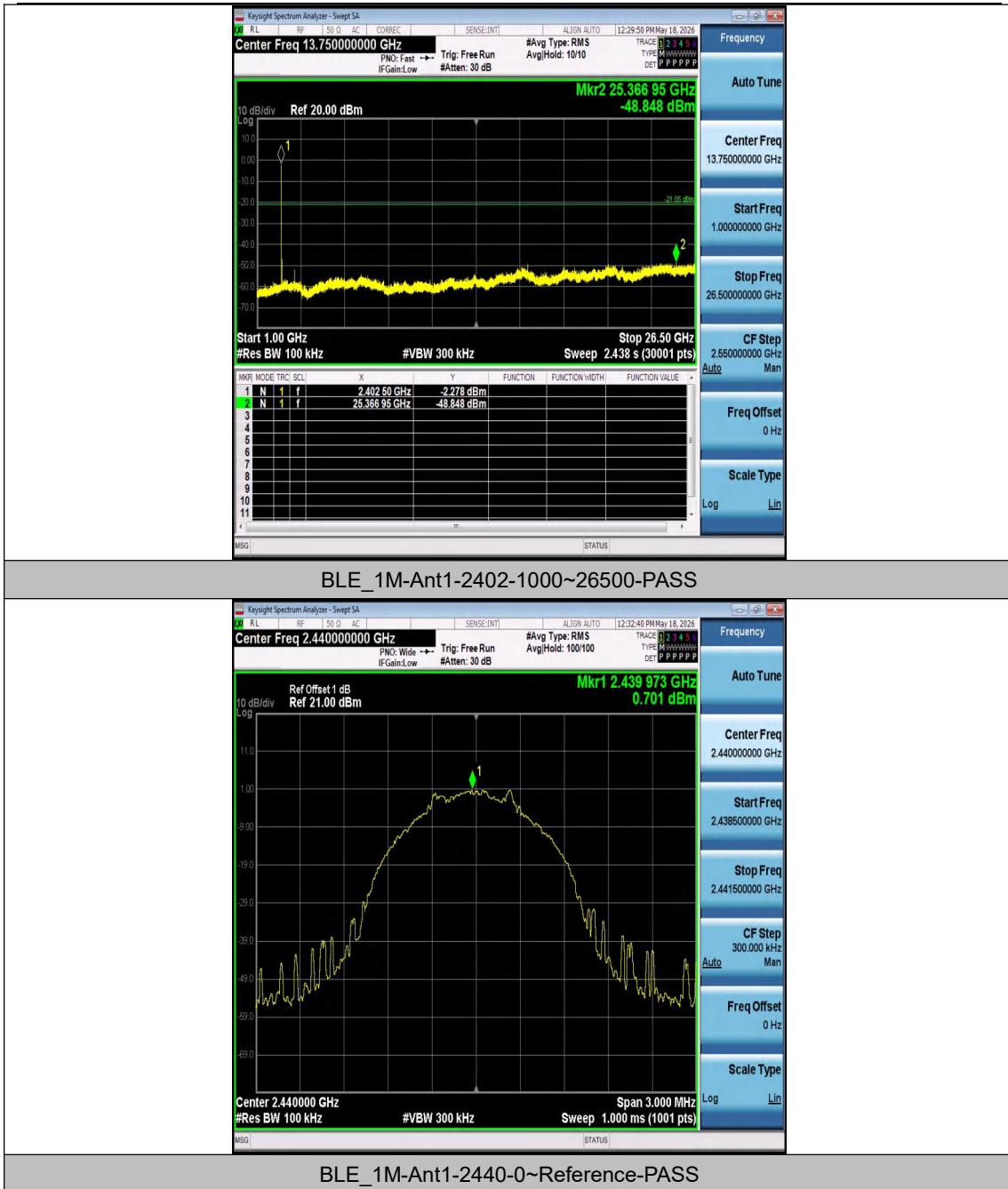
Test Graphs



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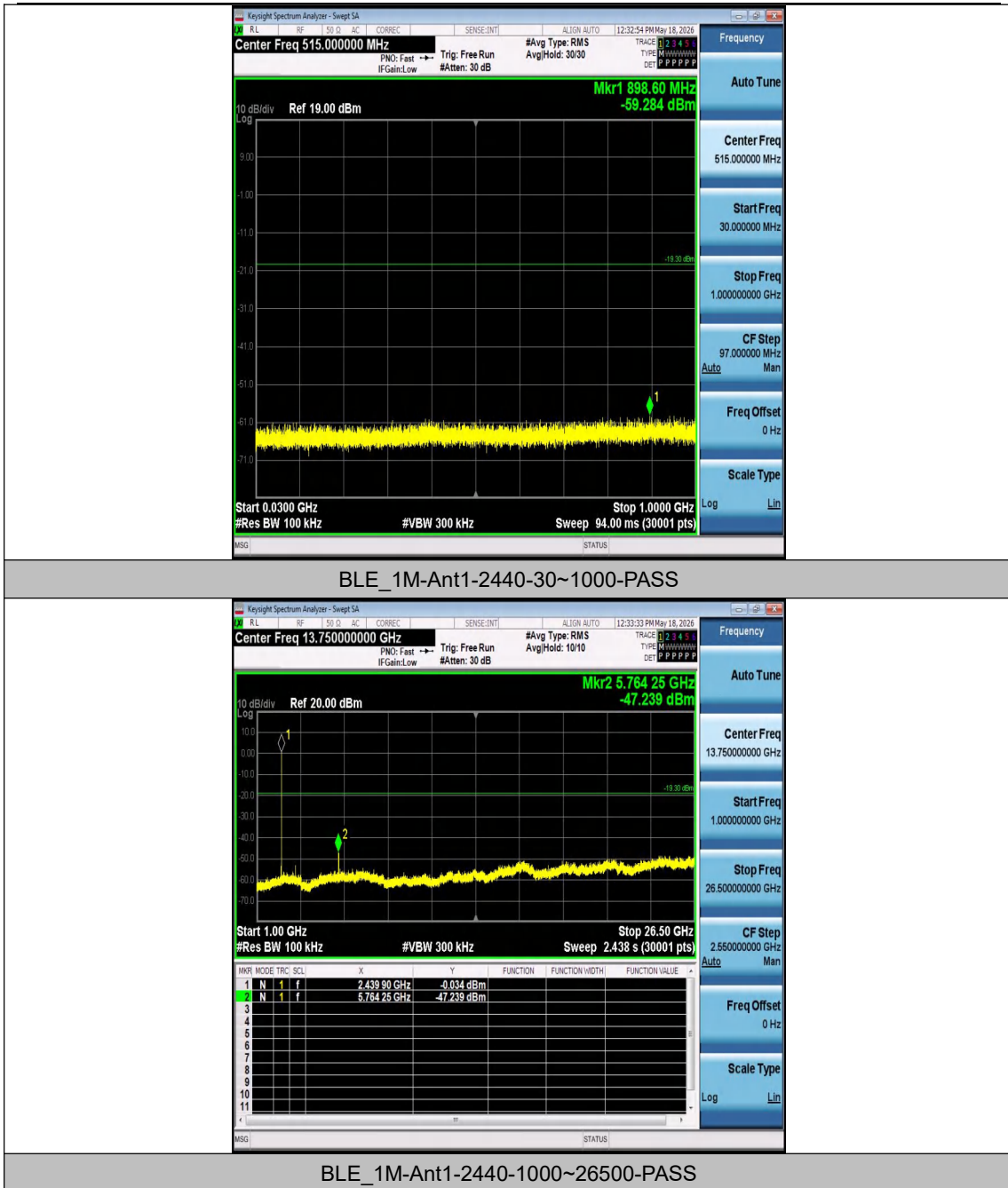
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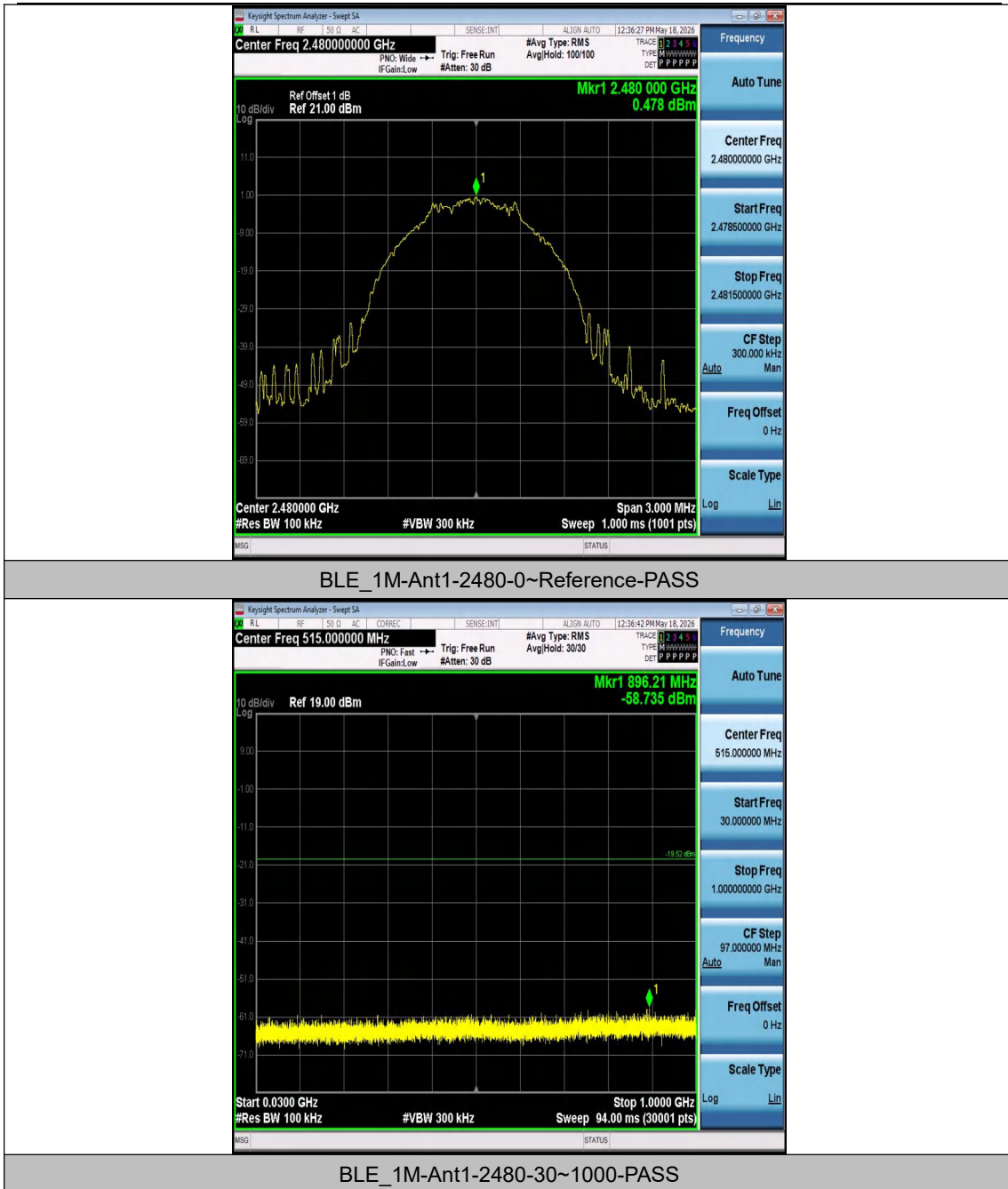
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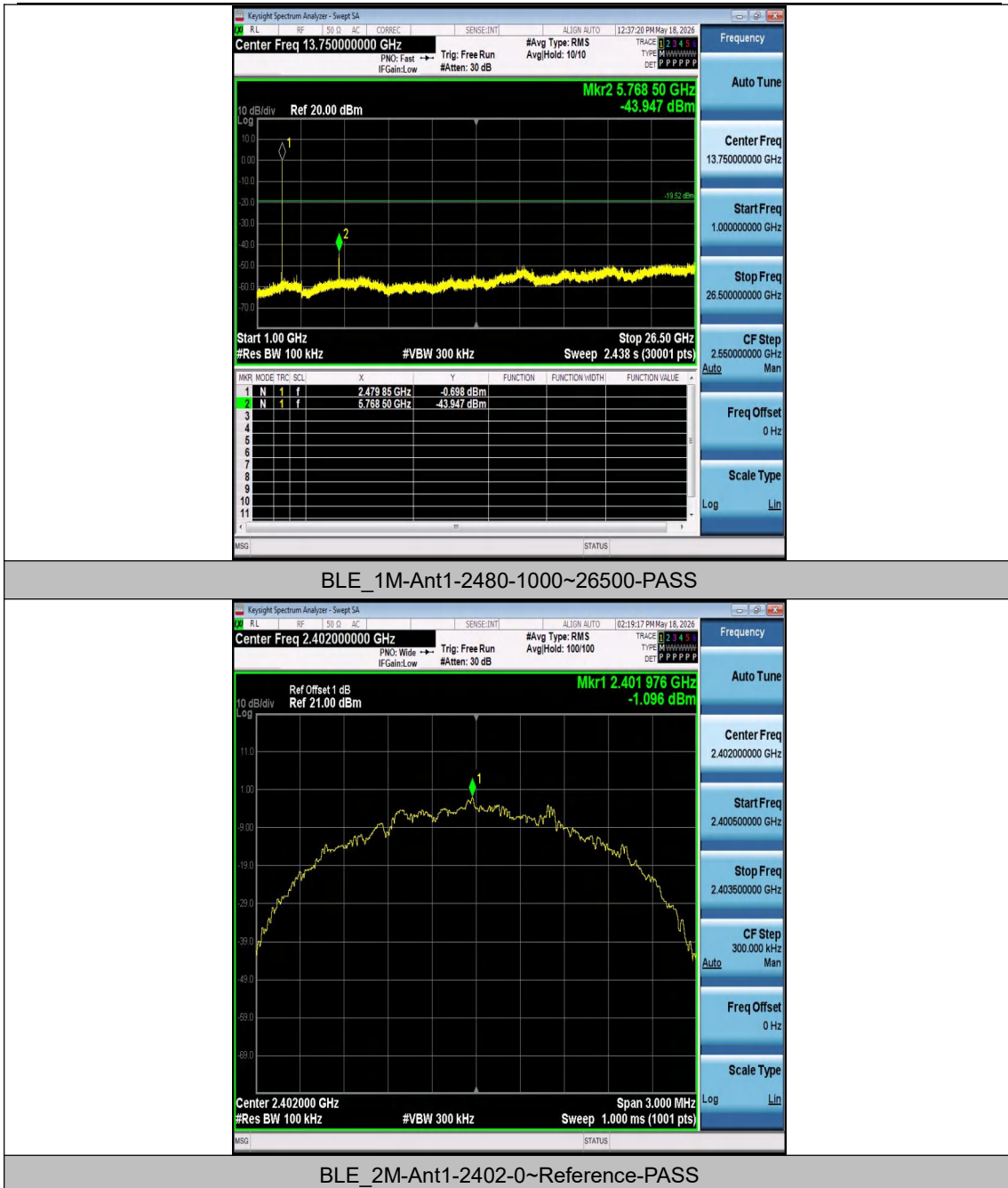
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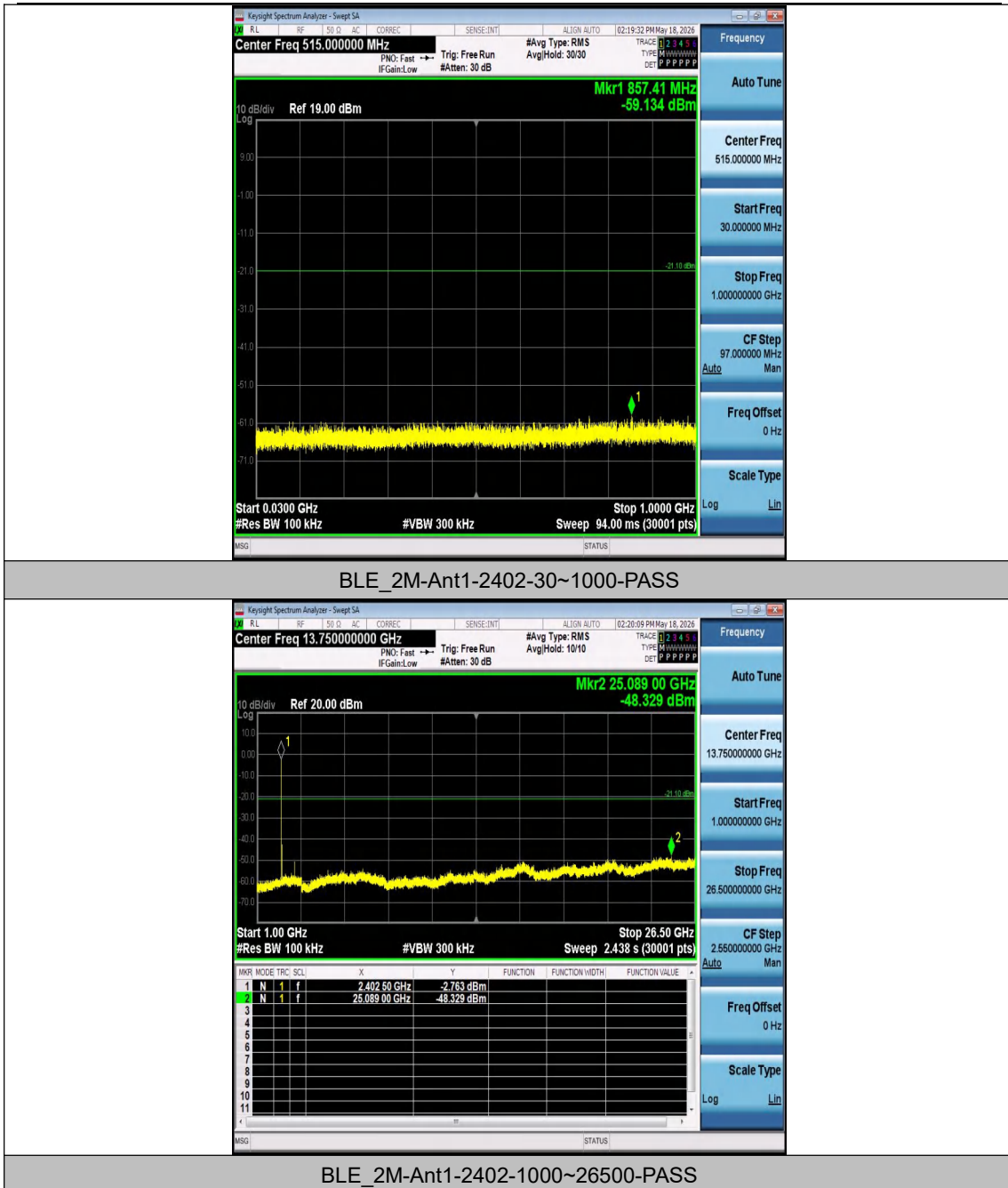
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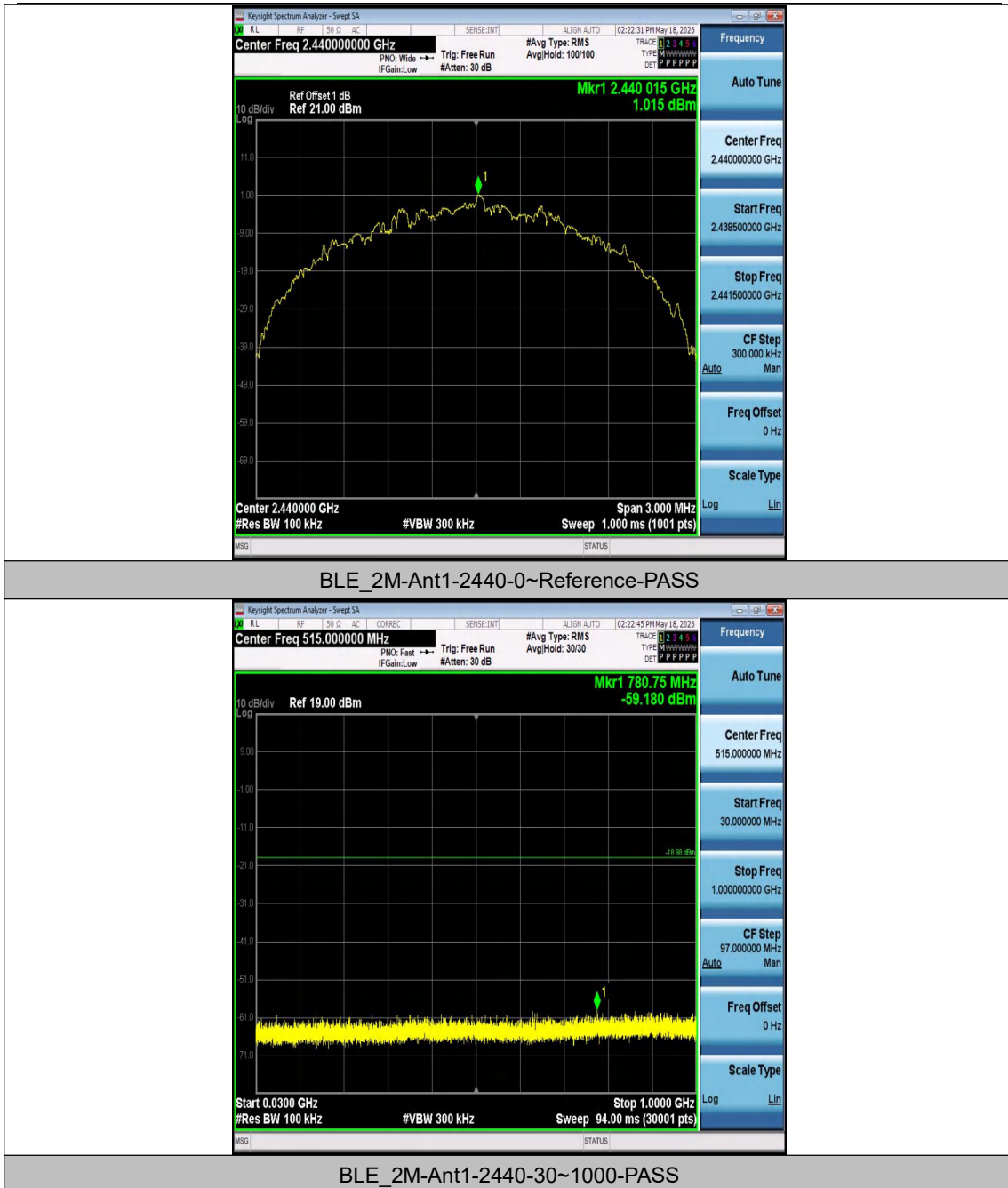
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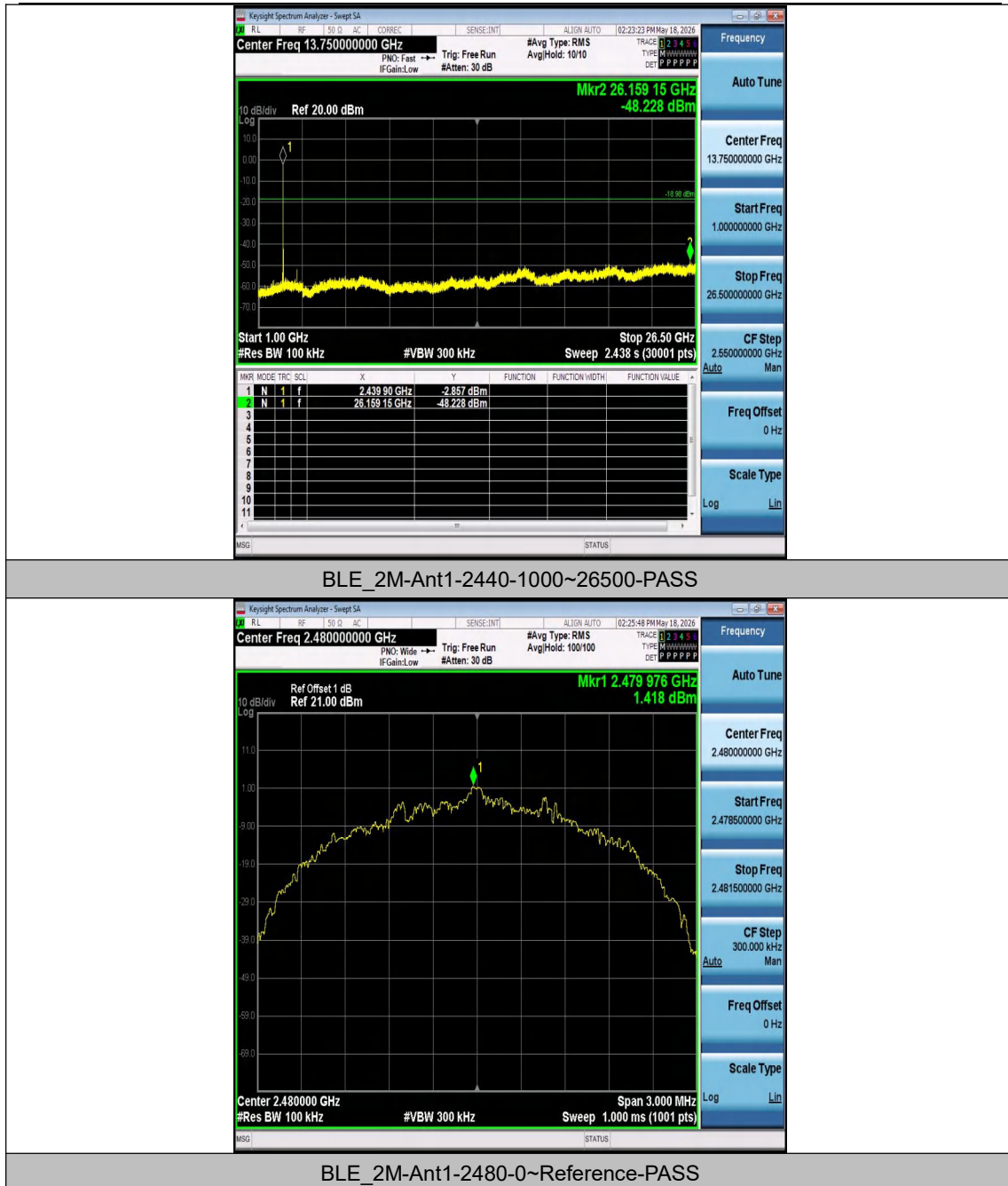
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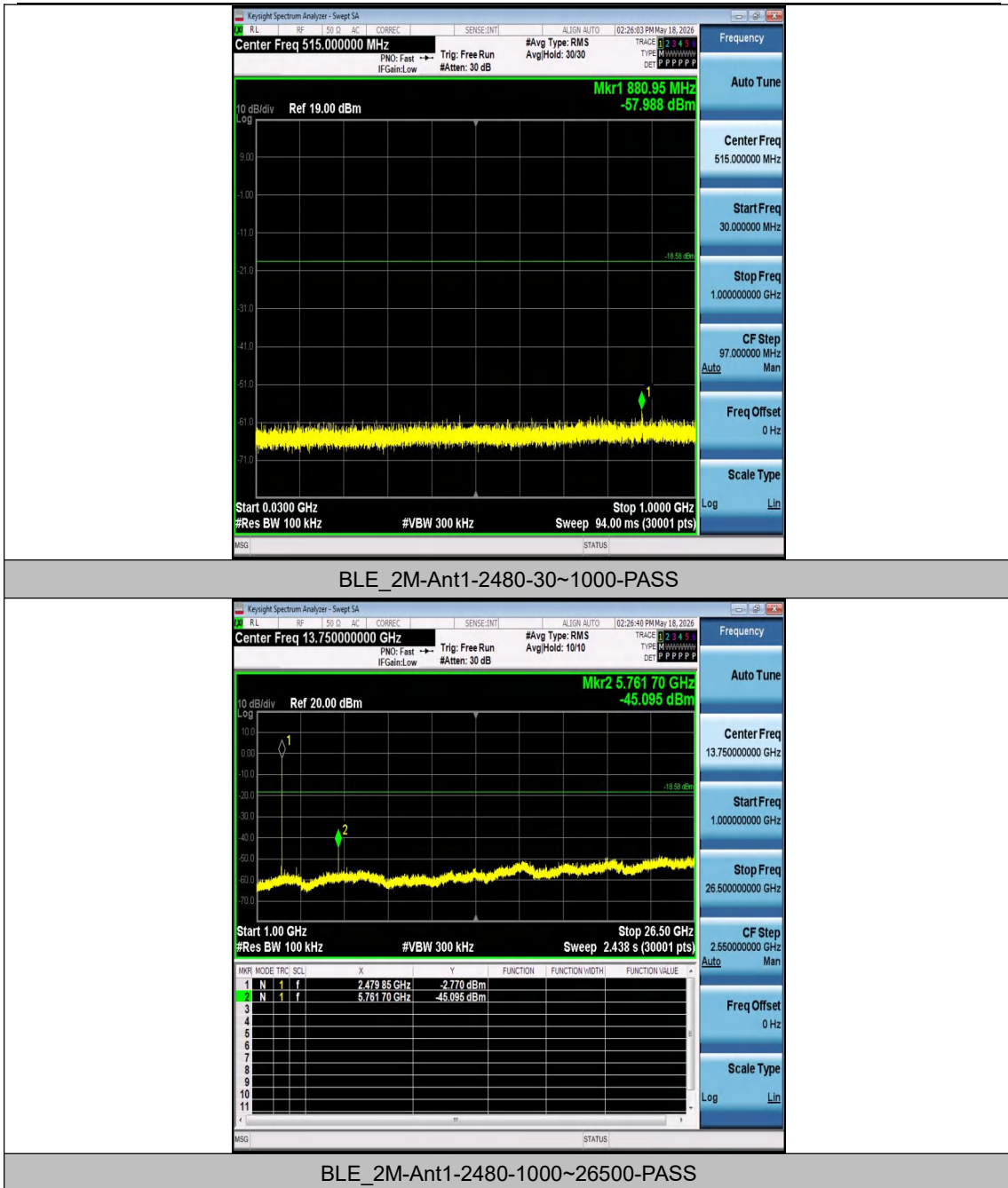
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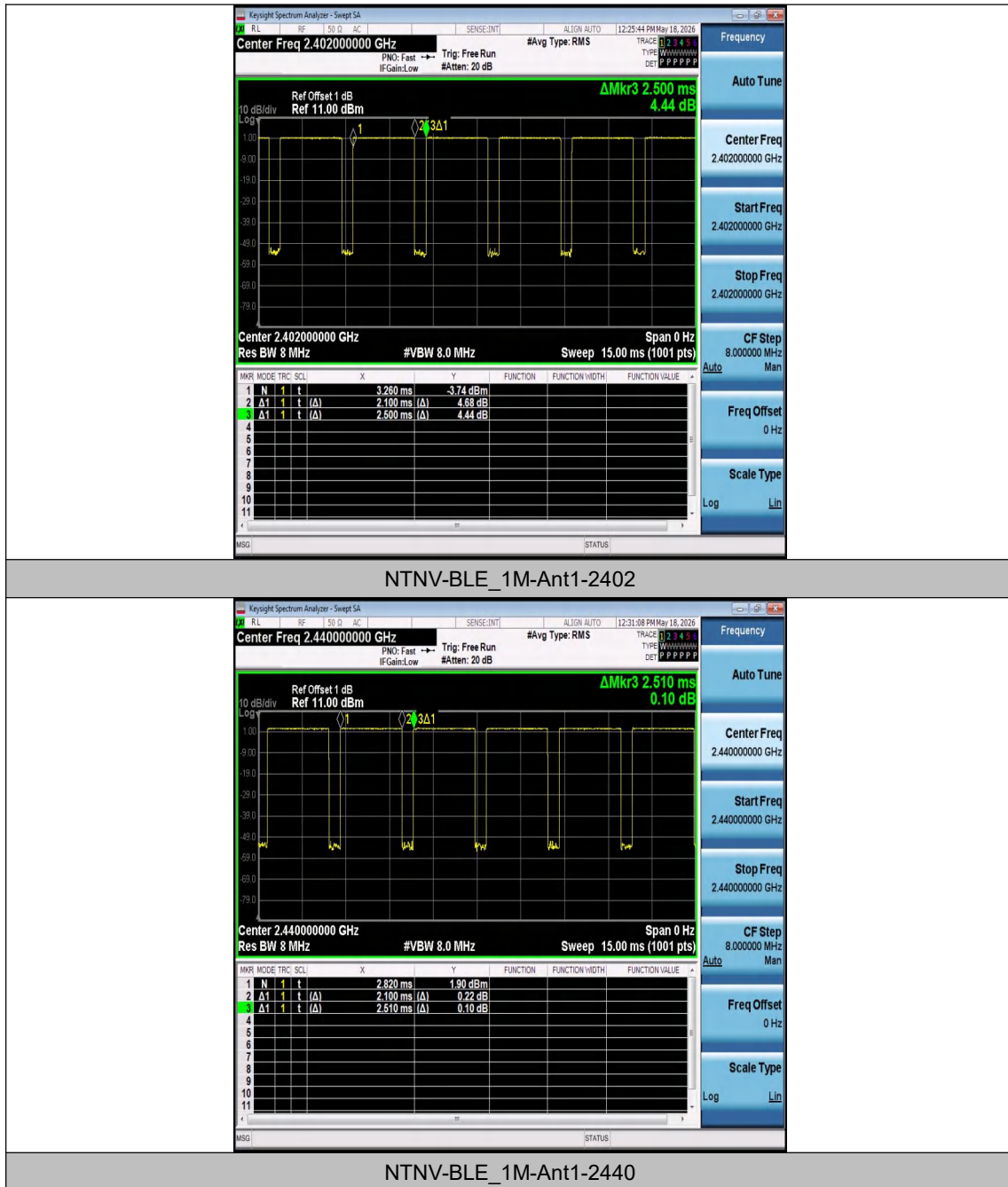
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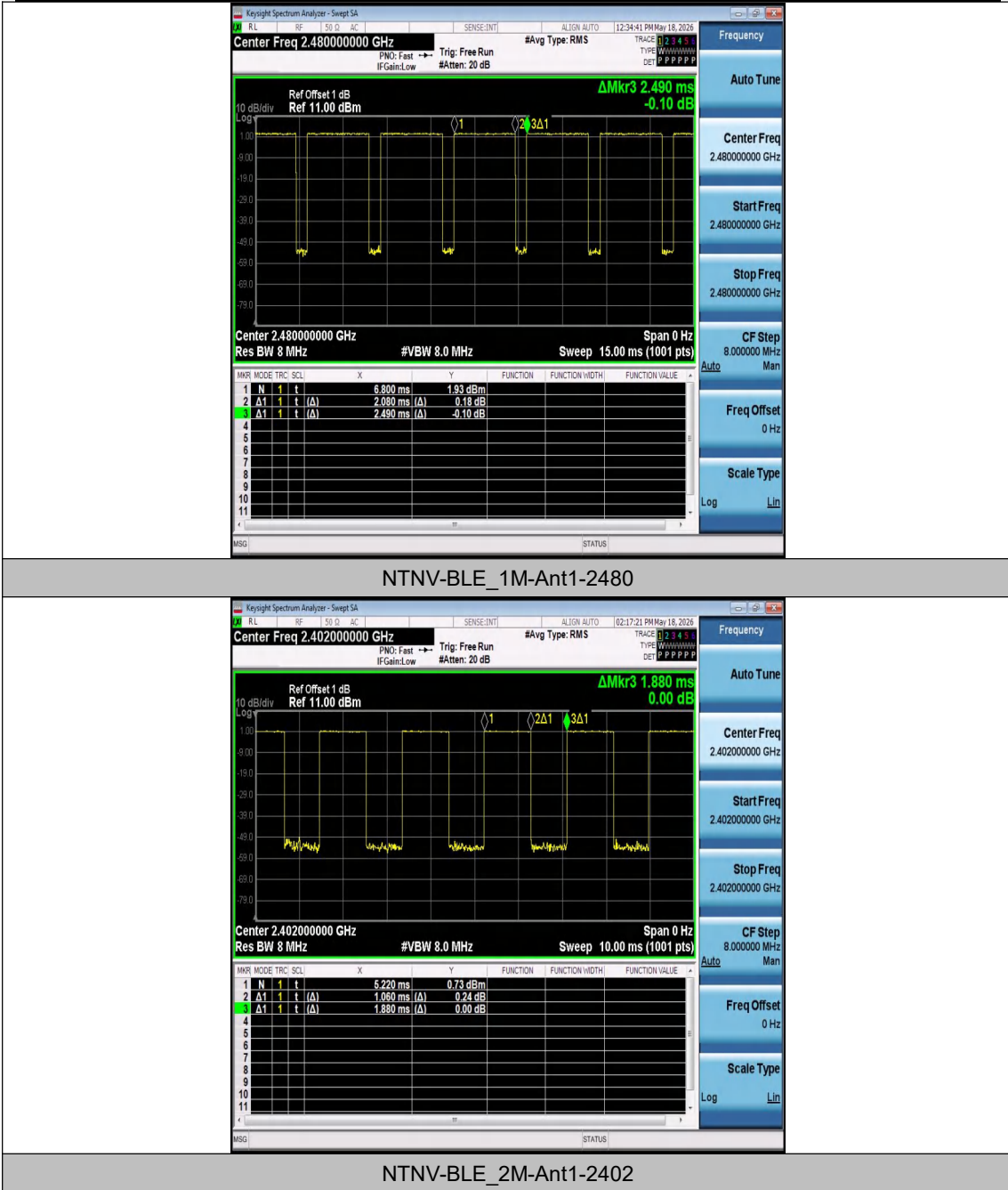
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.10	2.50	84.00	0.76
BLE_1M	Ant1	2440	2.10	2.51	83.67	0.77
BLE_1M	Ant1	2480	2.08	2.49	83.53	0.78
BLE_2M	Ant1	2402	1.06	1.88	56.38	2.49
BLE_2M	Ant1	2440	1.06	1.88	56.38	2.49
BLE_2M	Ant1	2480	1.06	1.88	56.38	2.49

Test Graphs

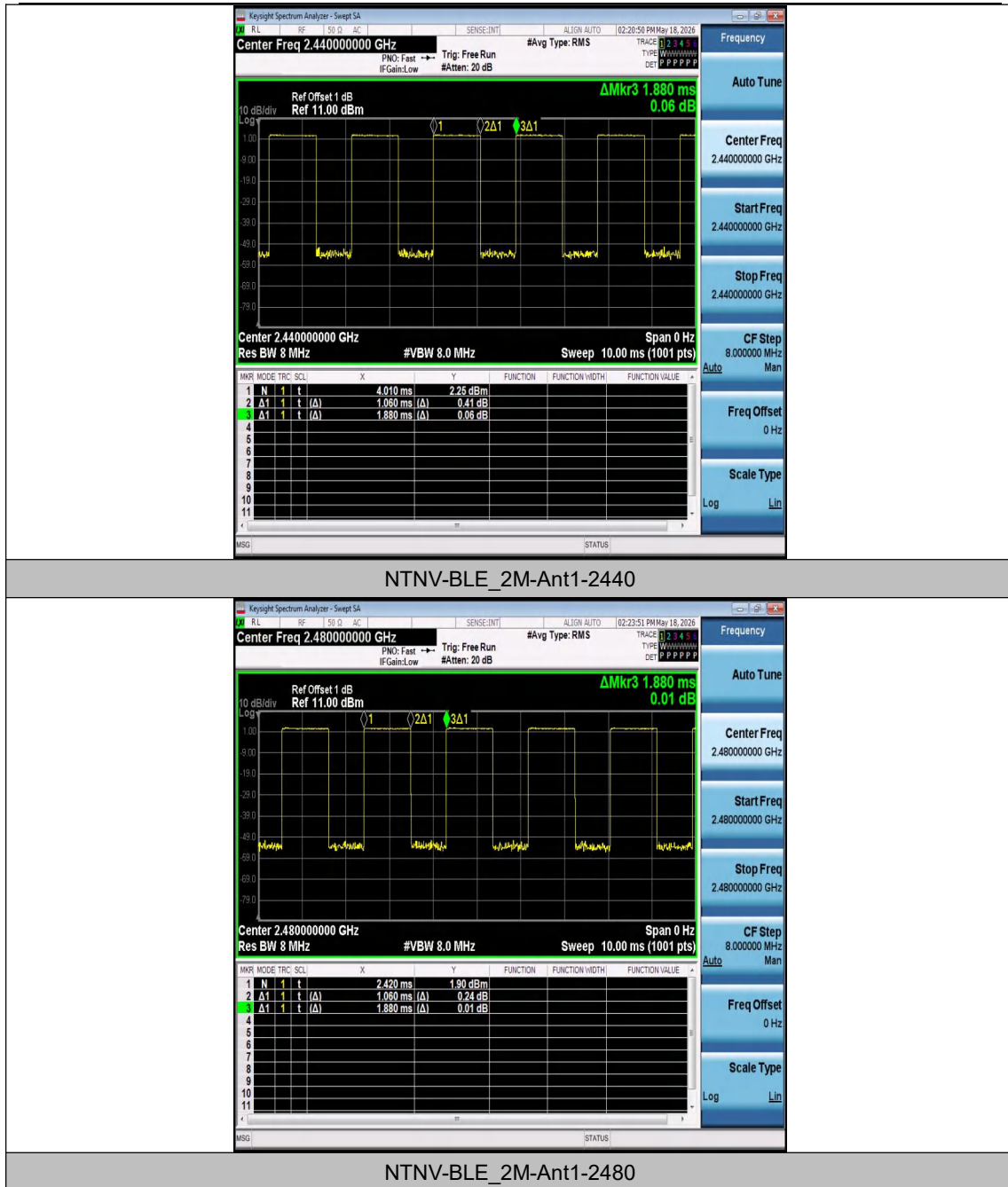




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