

Appendix Test Data

Report No.:	1819C60094812502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-19	Finish Test Date:	2026-8-20
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	27°C	Relative Humidity:	55%
Pressure:	101kPa		

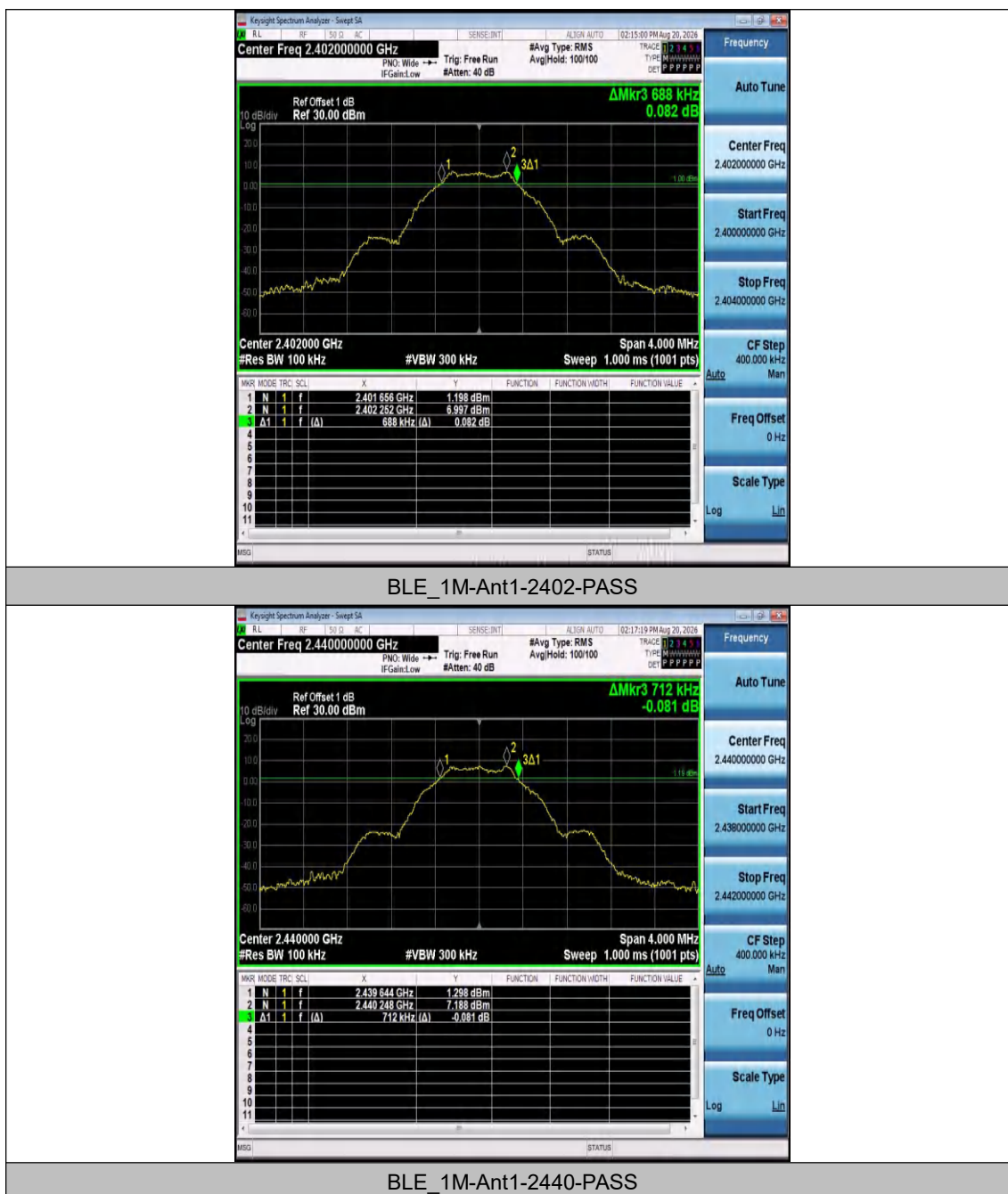


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.656	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.712	2439.644	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.648	2480.348	0.5	PASS
BLE_2M	Ant1	2404	1.172	2403.408	2404.580	0.5	PASS
BLE_2M	Ant1	2440	1.268	2439.340	2440.608	0.5	PASS
BLE_2M	Ant1	2478	1.172	2477.404	2478.576	0.5	PASS

Test Graphs



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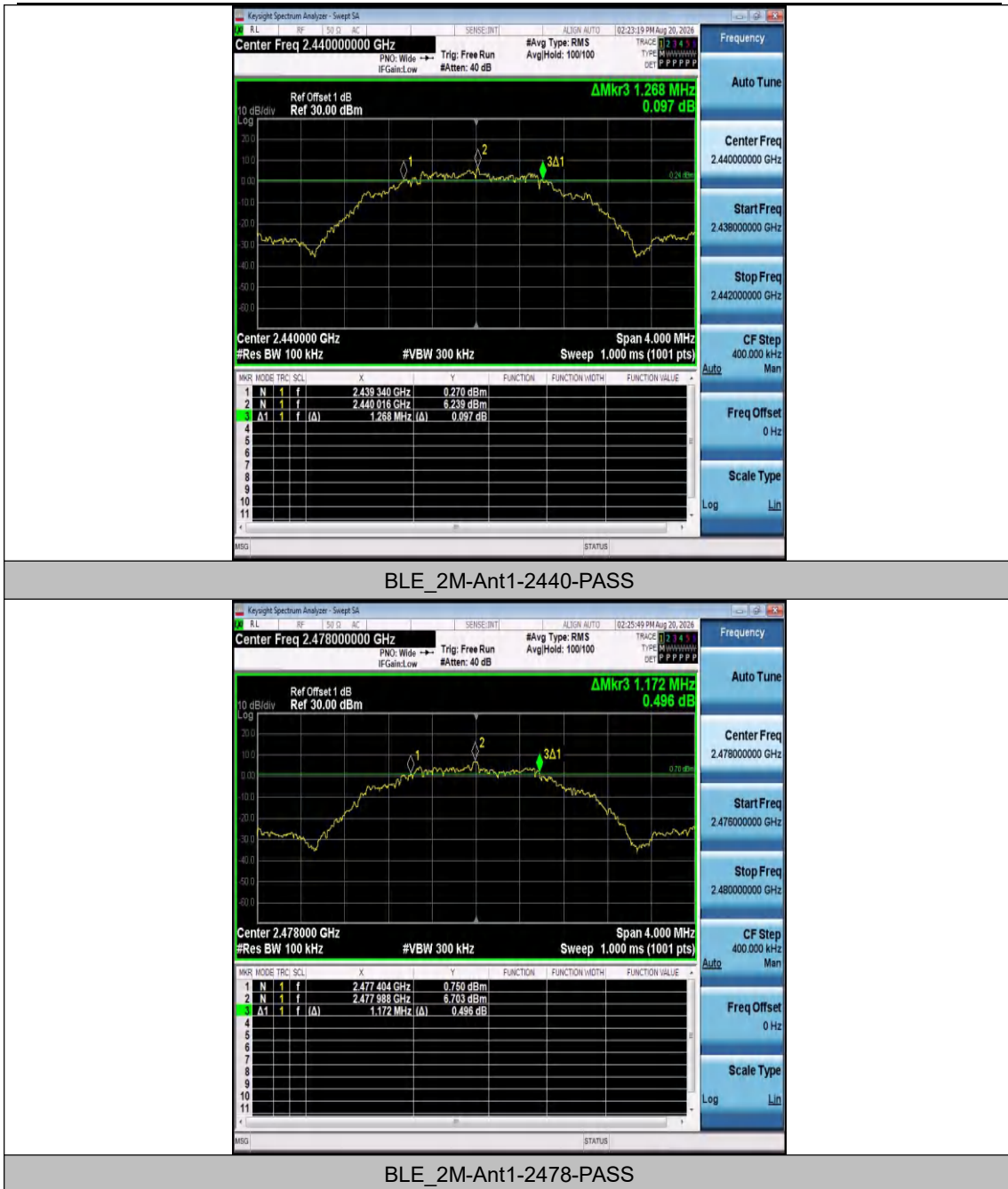
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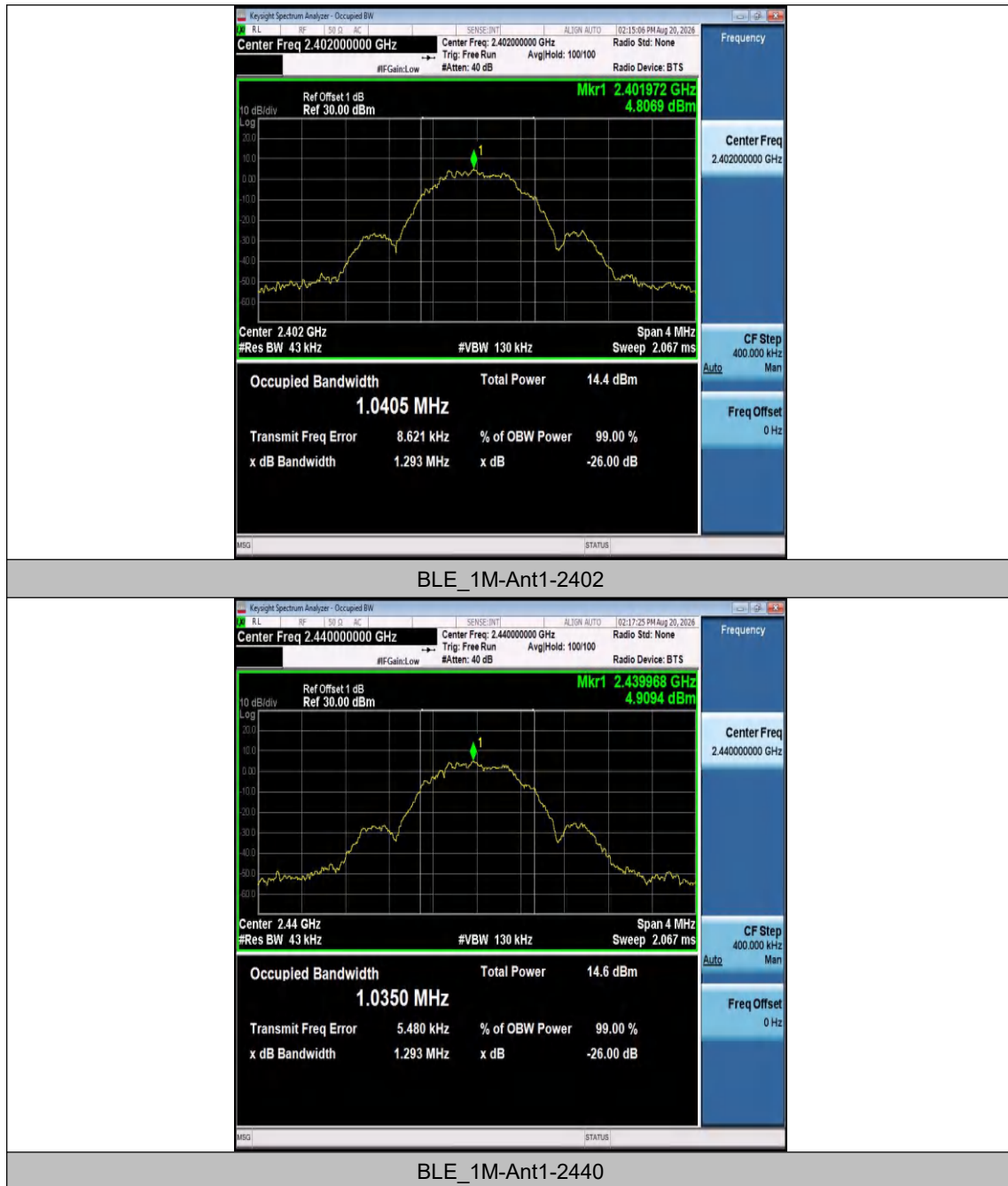
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0405	2401.4884	2402.5289	---	---
BLE_1M	Ant1	2440	1.0350	2439.4880	2440.5230	---	---
BLE_1M	Ant1	2480	1.0349	2479.4875	2480.5224	---	---
BLE_2M	Ant1	2404	2.0741	2402.9780	2405.0521	---	---
BLE_2M	Ant1	2440	2.0701	2438.9852	2441.0553	---	---
BLE_2M	Ant1	2478	2.0758	2476.9794	2479.0552	---	---

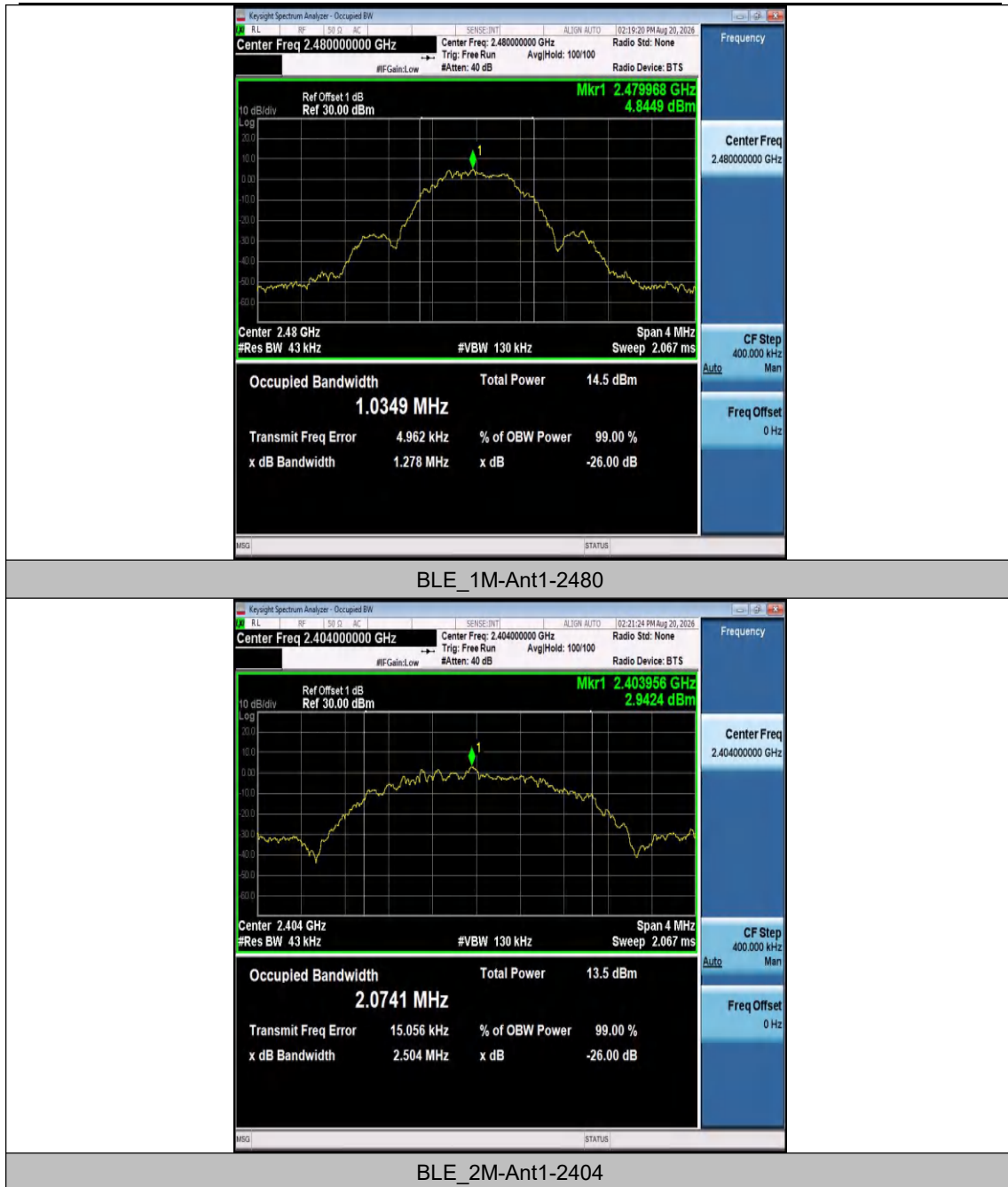
Test Graphs



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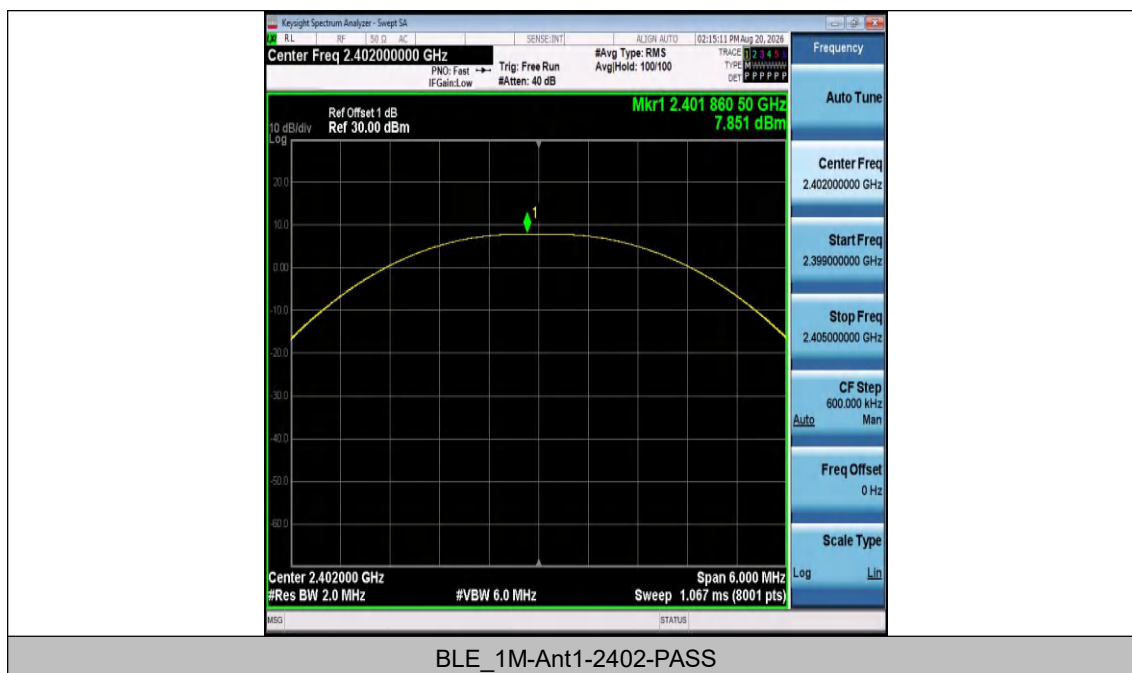
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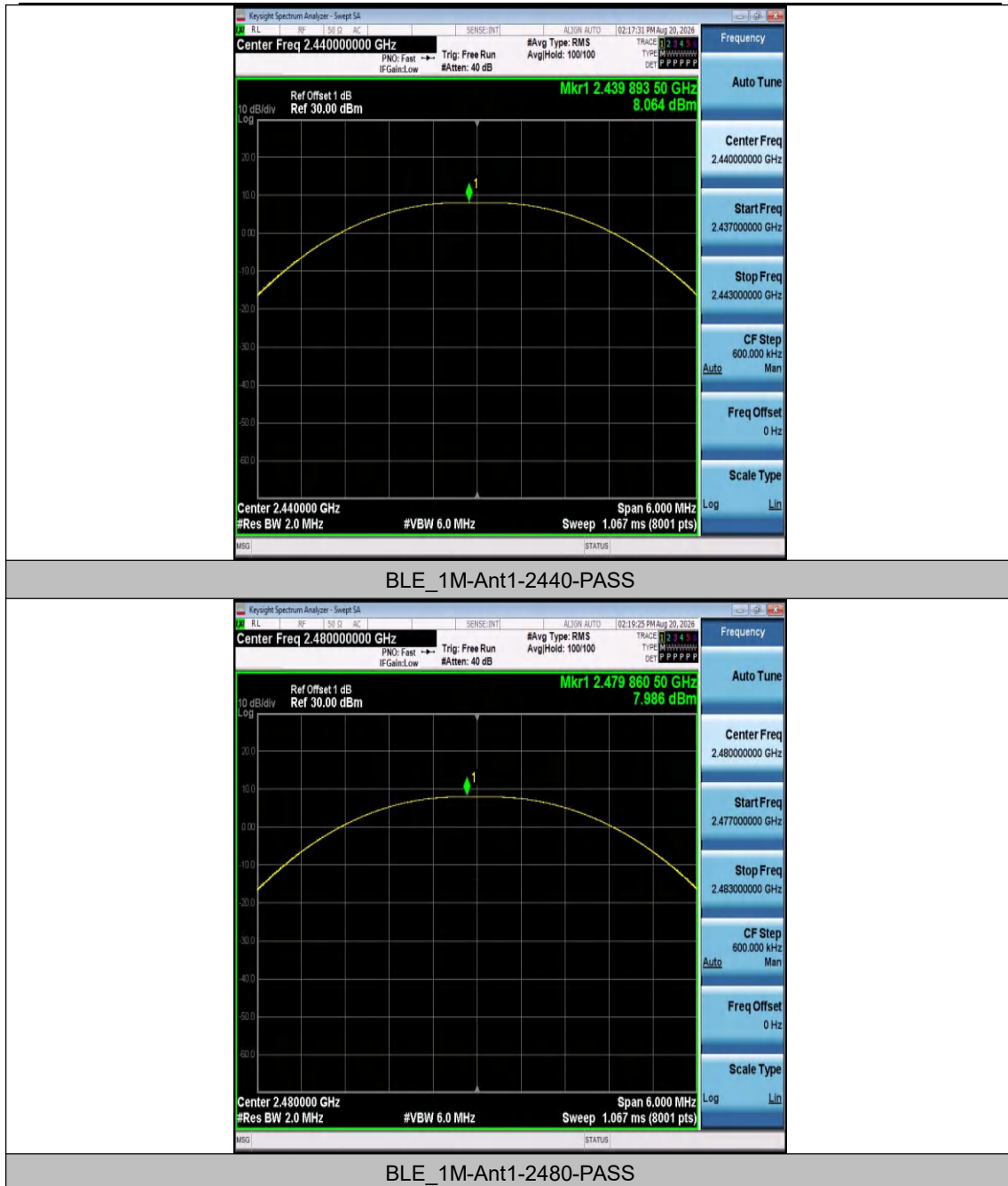
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	7.85	≤30	PASS
BLE_1M	Ant1	2440	8.06	≤30	PASS
BLE_1M	Ant1	2480	7.99	≤30	PASS
BLE_2M	Ant1	2404	7.89	≤30	PASS
BLE_2M	Ant1	2440	8.06	≤30	PASS
BLE_2M	Ant1	2478	7.98	≤30	PASS

Test Graphs Peak

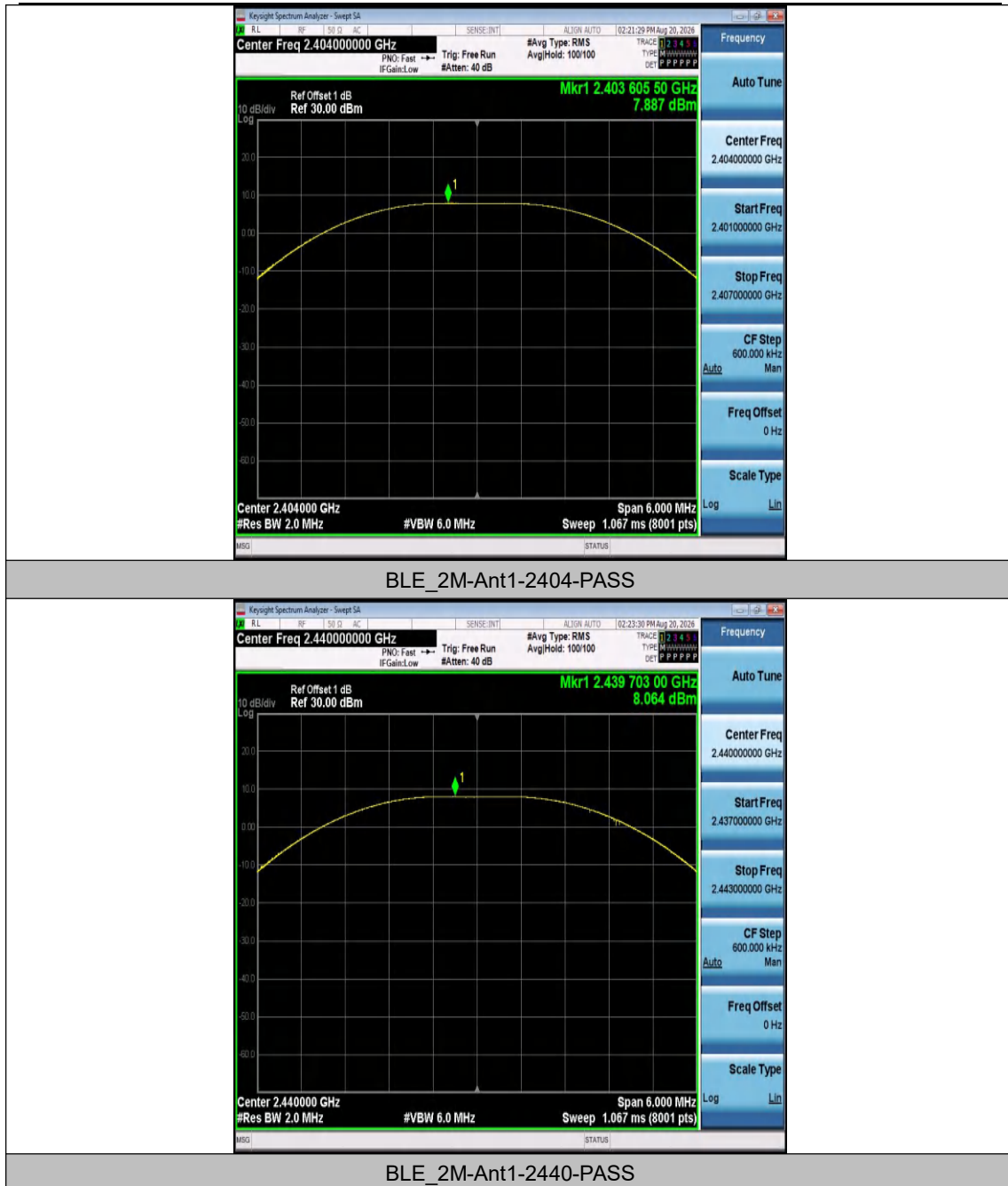




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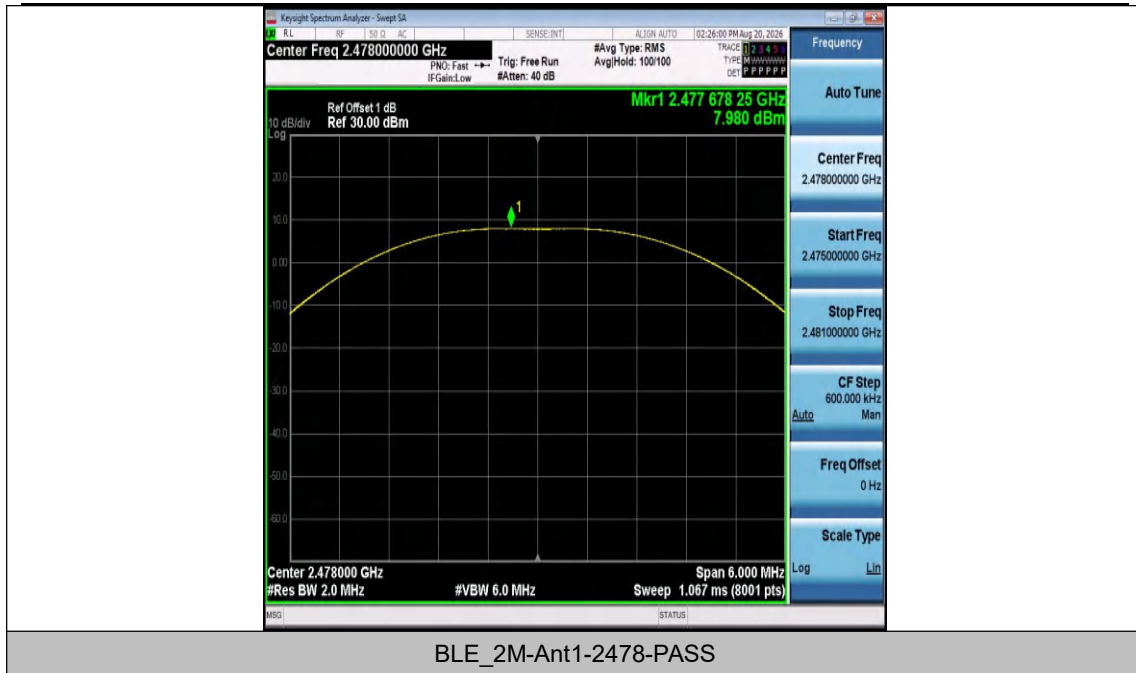
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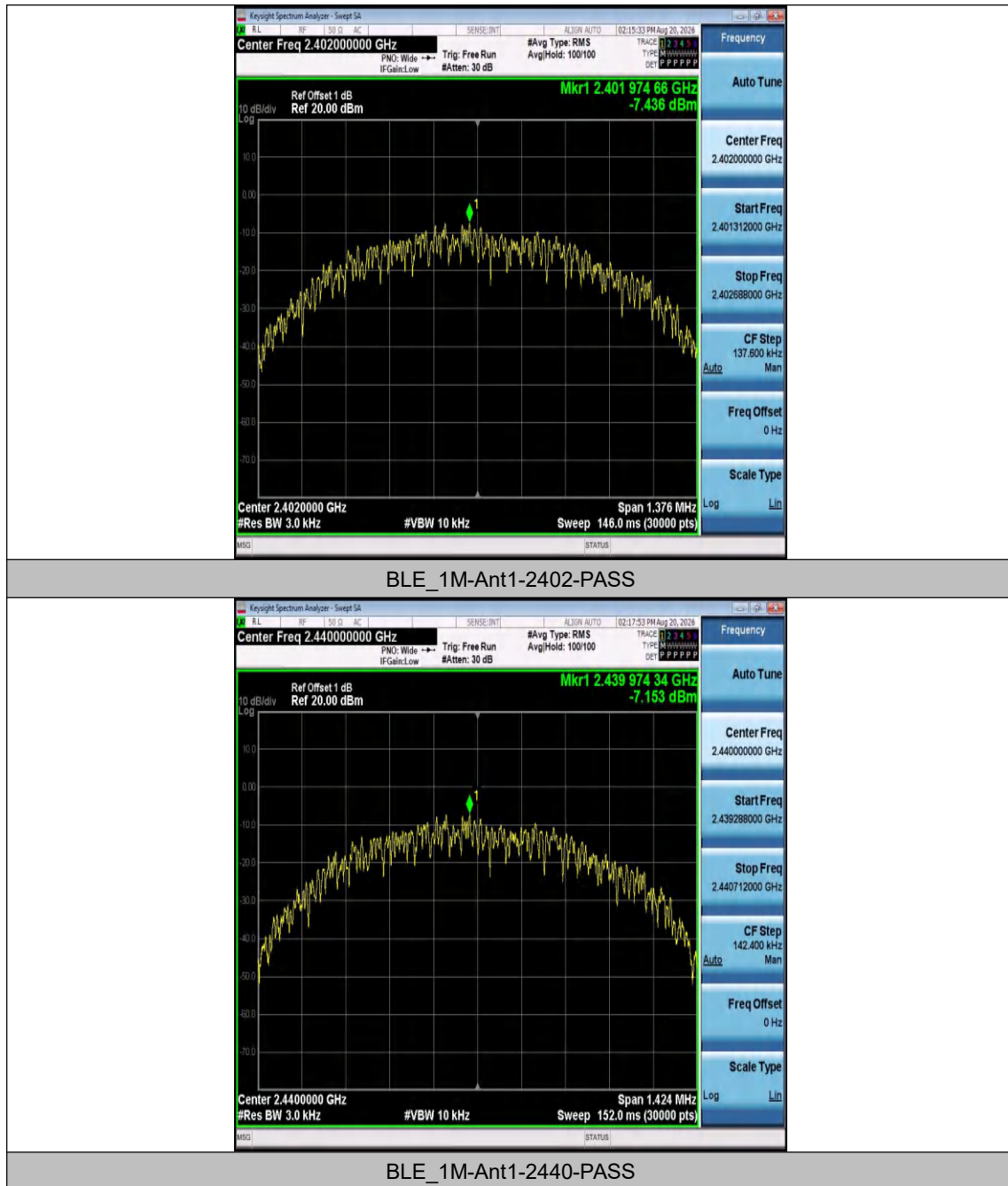
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-7.44	≤8.00	PASS
BLE_1M	Ant1	2440	-7.15	≤8.00	PASS
BLE_1M	Ant1	2480	-7.20	≤8.00	PASS
BLE_2M	Ant1	2404	-9.57	≤8.00	PASS
BLE_2M	Ant1	2440	-9.45	≤8.00	PASS
BLE_2M	Ant1	2478	-9.42	≤8.00	PASS

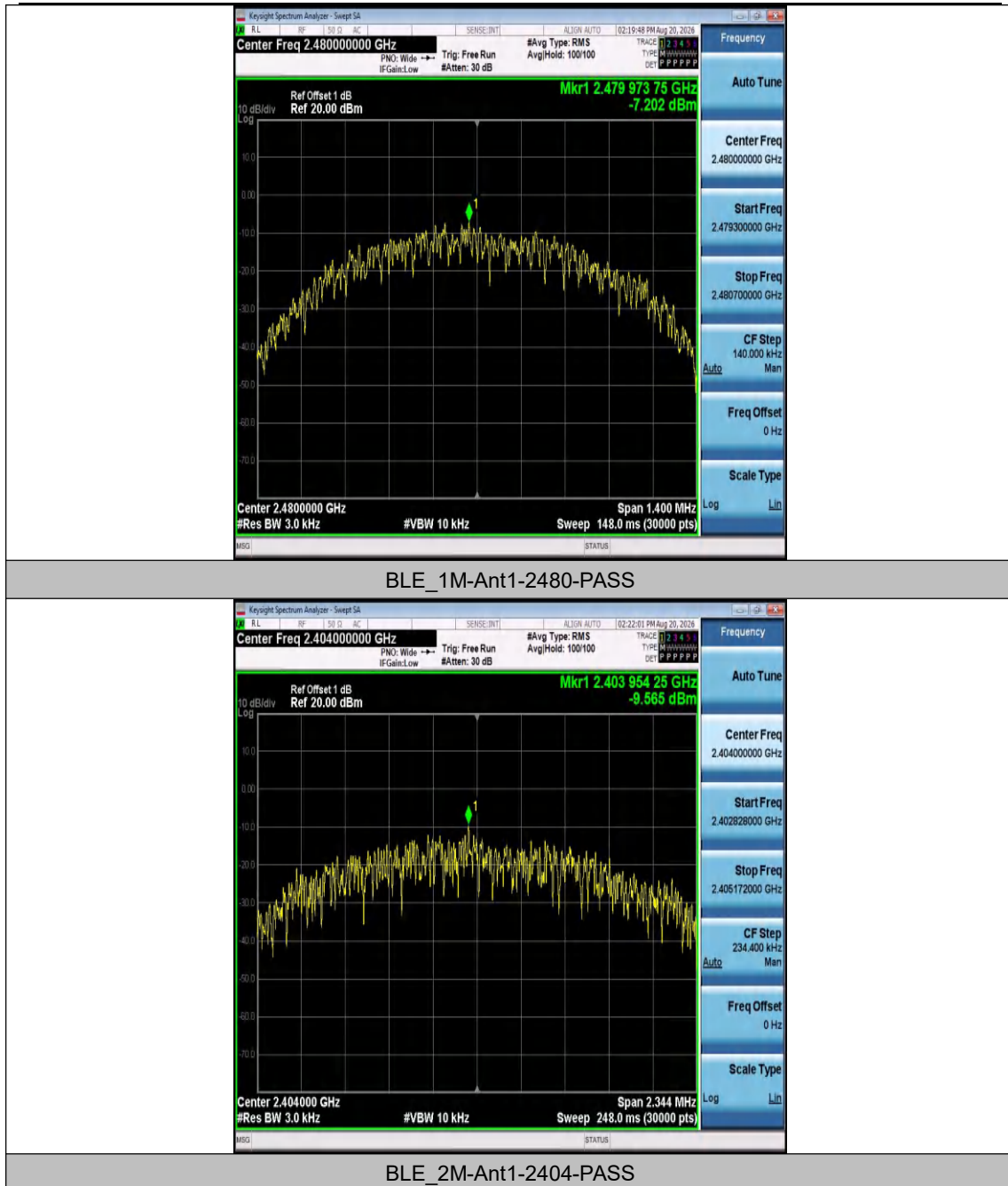
Test Graphs



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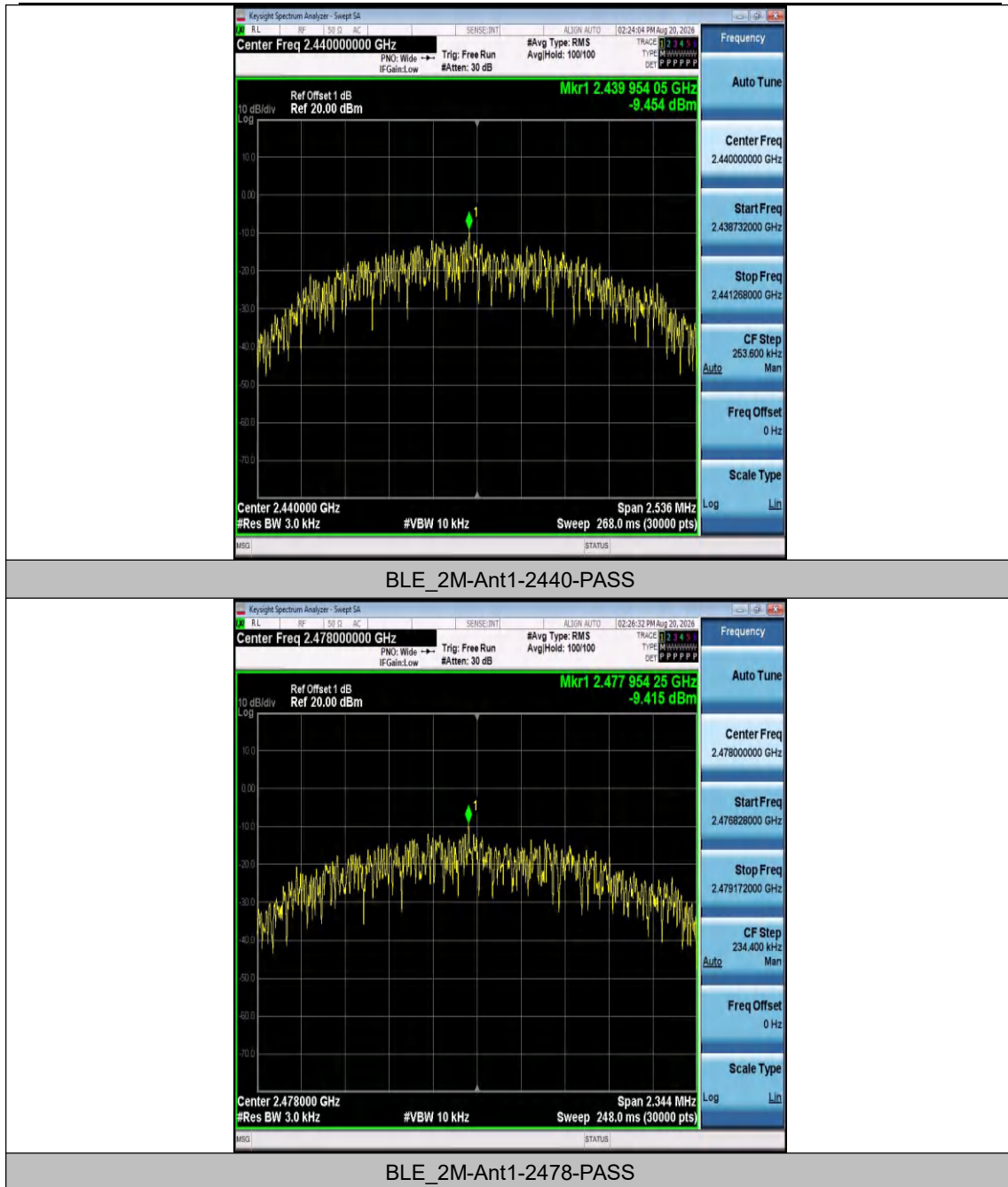
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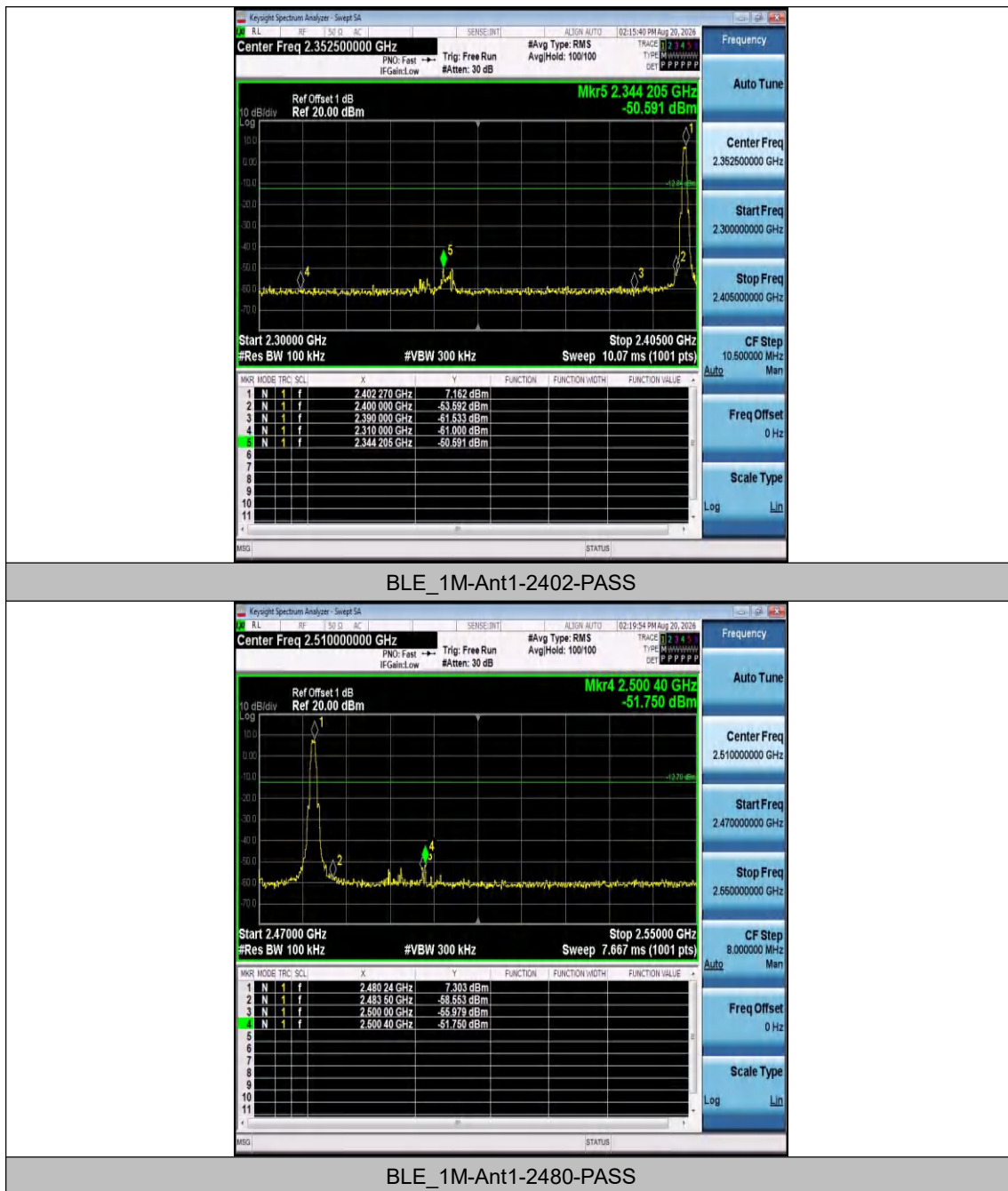
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.16	-50.59	≤-12.84	PASS
BLE_1M	Ant1	High	2480	7.30	-51.75	≤-12.7	PASS
BLE_2M	Ant1	Low	2404	5.31	-52.79	≤-14.69	PASS
BLE_2M	Ant1	High	2478	5.42	-55.2	≤-14.58	PASS

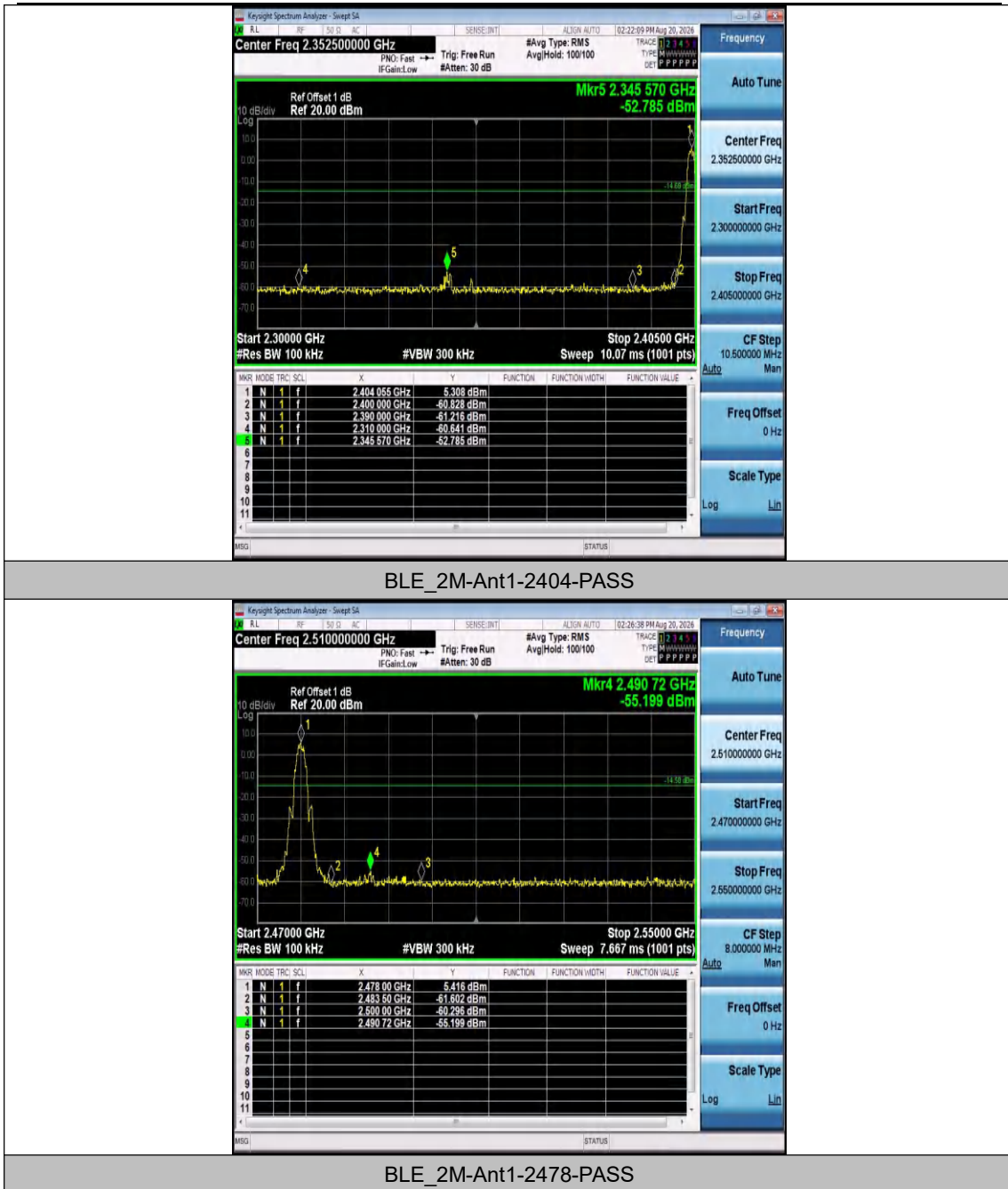
Test Graphs



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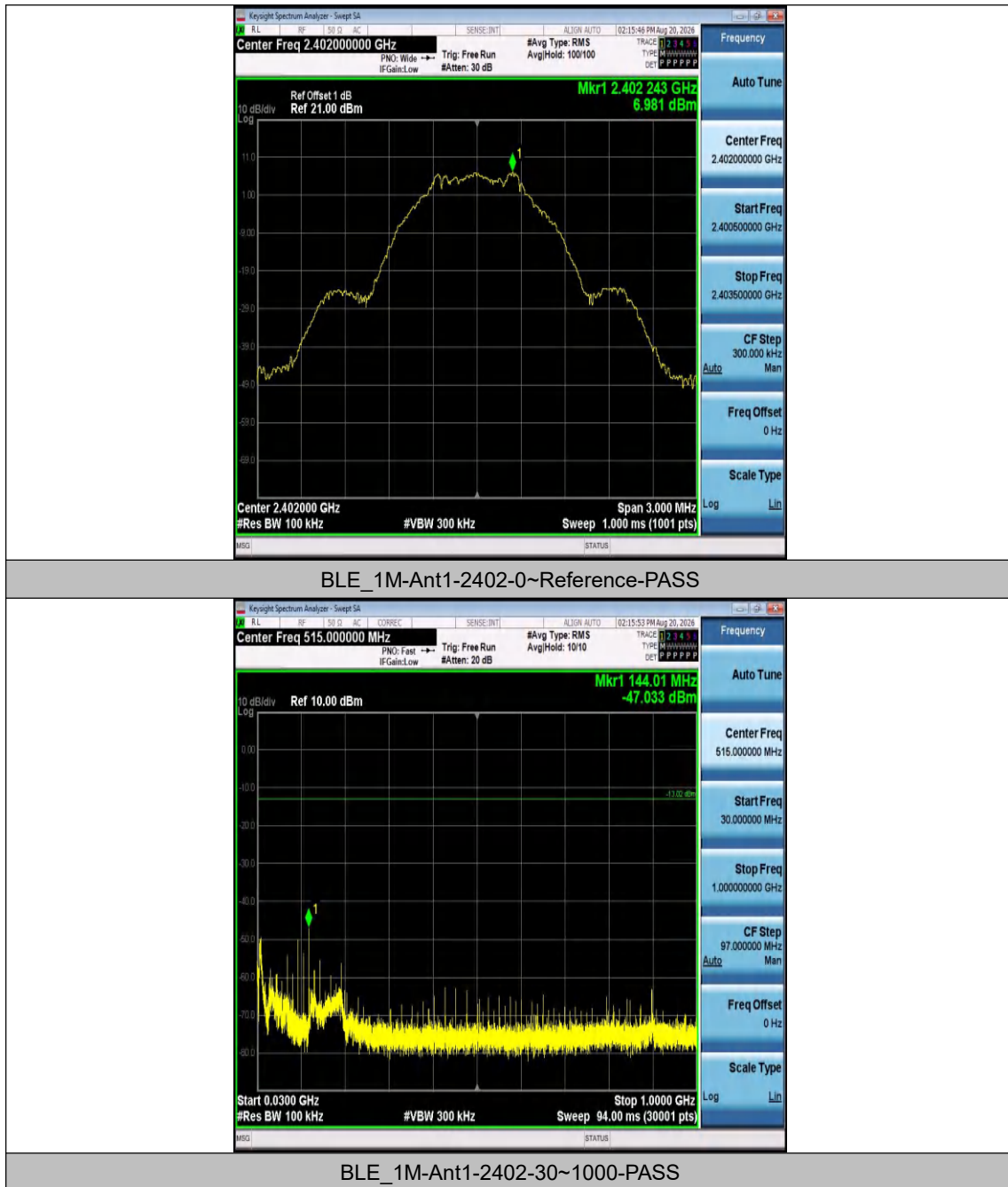
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	6.98	6.98	---	PASS
BLE_1M	Ant1	2402	30~1000	6.98	-47.03	≤-13.02	PASS
BLE_1M	Ant1	2402	1000~26500	6.98	-41.31	≤-13.02	PASS
BLE_1M	Ant1	2440	0~Reference	7.14	7.14	---	PASS
BLE_1M	Ant1	2440	30~1000	7.14	-47.52	≤-12.86	PASS
BLE_1M	Ant1	2440	1000~26500	7.14	-41.25	≤-12.86	PASS
BLE_1M	Ant1	2480	0~Reference	7.09	7.09	---	PASS
BLE_1M	Ant1	2480	30~1000	7.09	-47.63	≤-12.91	PASS
BLE_1M	Ant1	2480	1000~26500	7.09	-41.26	≤-12.91	PASS
BLE_2M	Ant1	2404	0~Reference	6.57	6.57	---	PASS
BLE_2M	Ant1	2404	30~1000	6.57	-47.84	≤-13.43	PASS
BLE_2M	Ant1	2404	1000~26500	6.57	-40.66	≤-13.43	PASS
BLE_2M	Ant1	2440	0~Reference	6.73	6.73	---	PASS
BLE_2M	Ant1	2440	30~1000	6.73	-47.79	≤-13.27	PASS
BLE_2M	Ant1	2440	1000~26500	6.73	-40.27	≤-13.27	PASS
BLE_2M	Ant1	2478	0~Reference	6.72	6.72	---	PASS
BLE_2M	Ant1	2478	30~1000	6.72	-47.57	≤-13.28	PASS
BLE_2M	Ant1	2478	1000~26500	6.72	-41	≤-13.28	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.

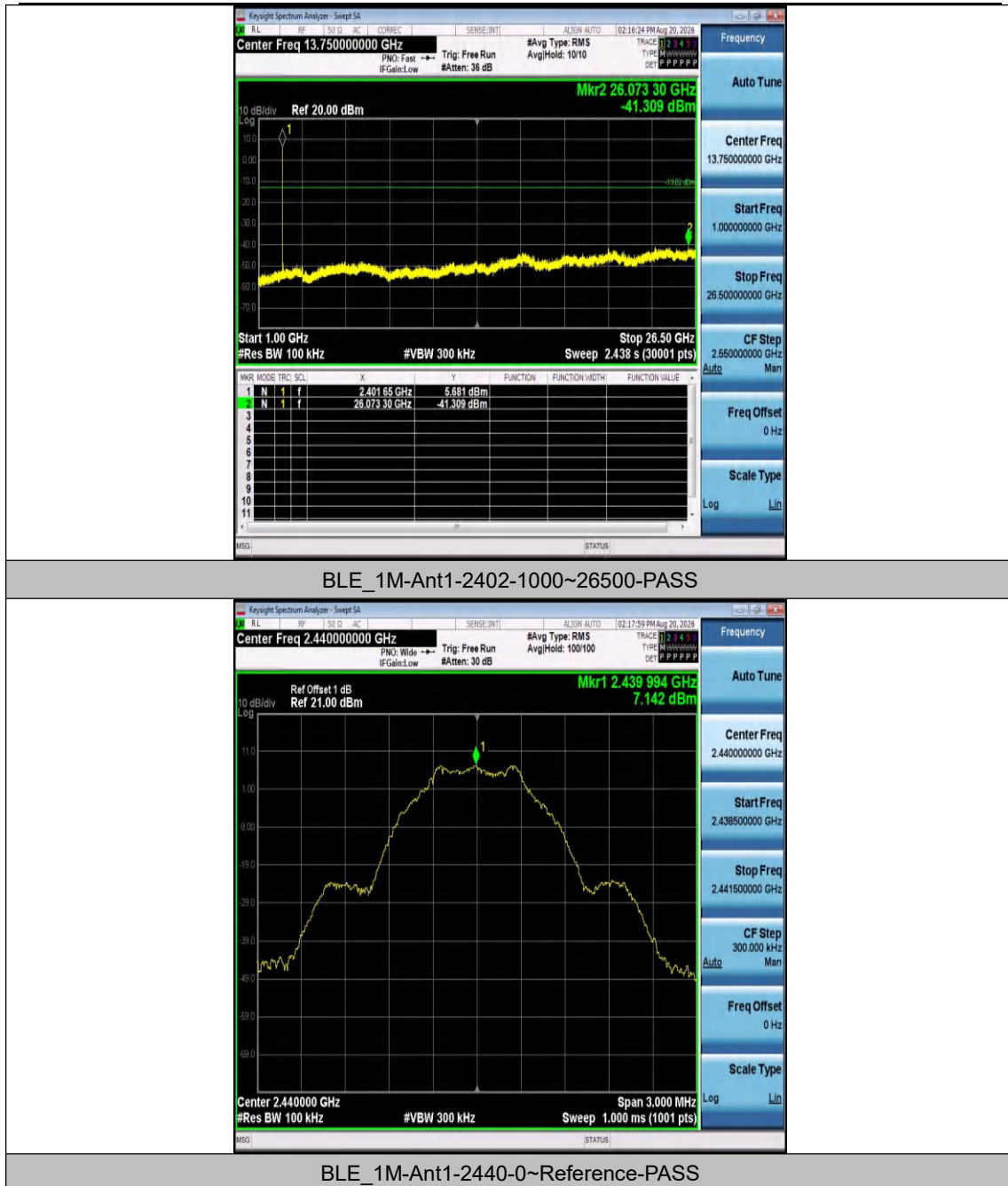
Test Graphs



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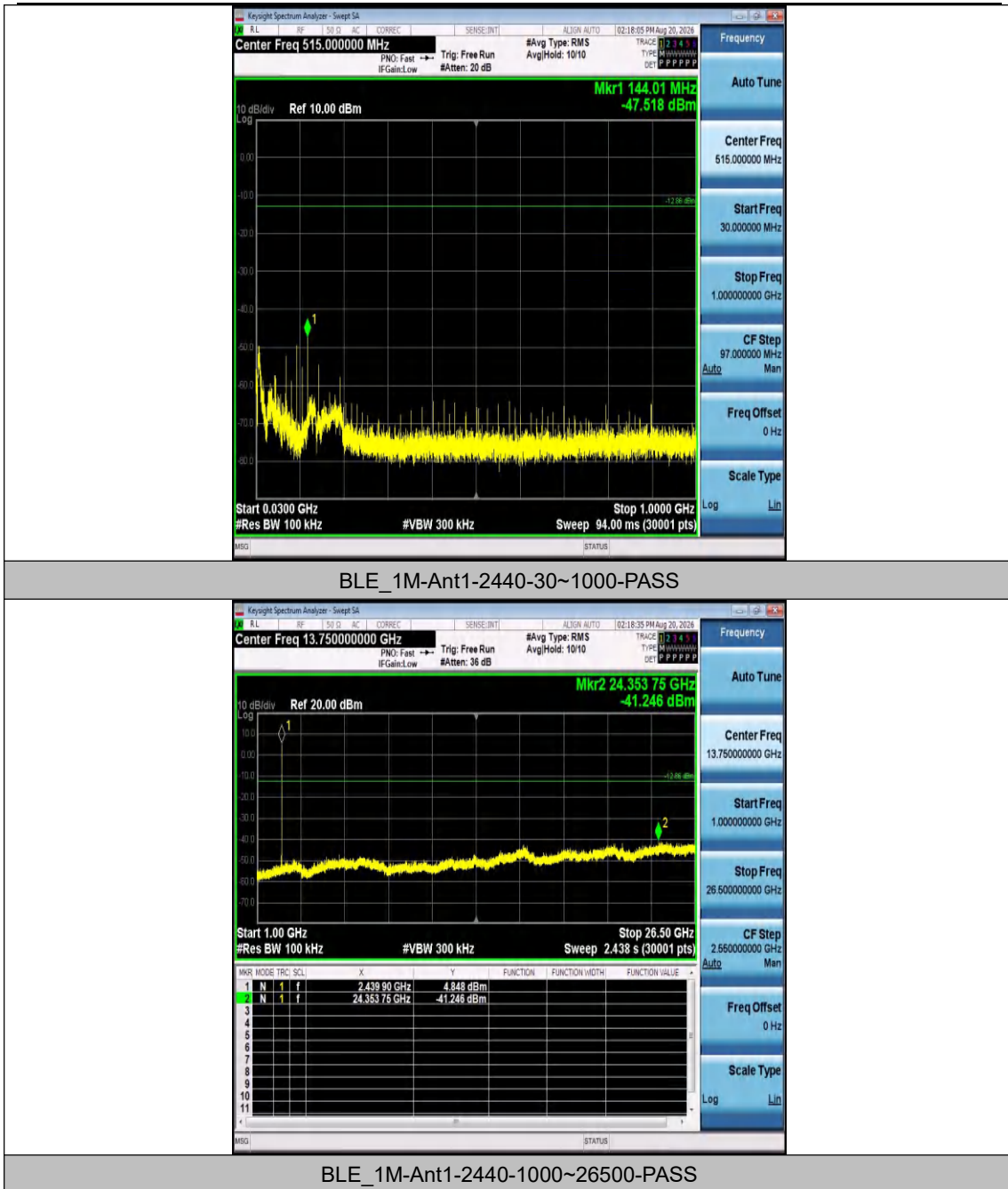
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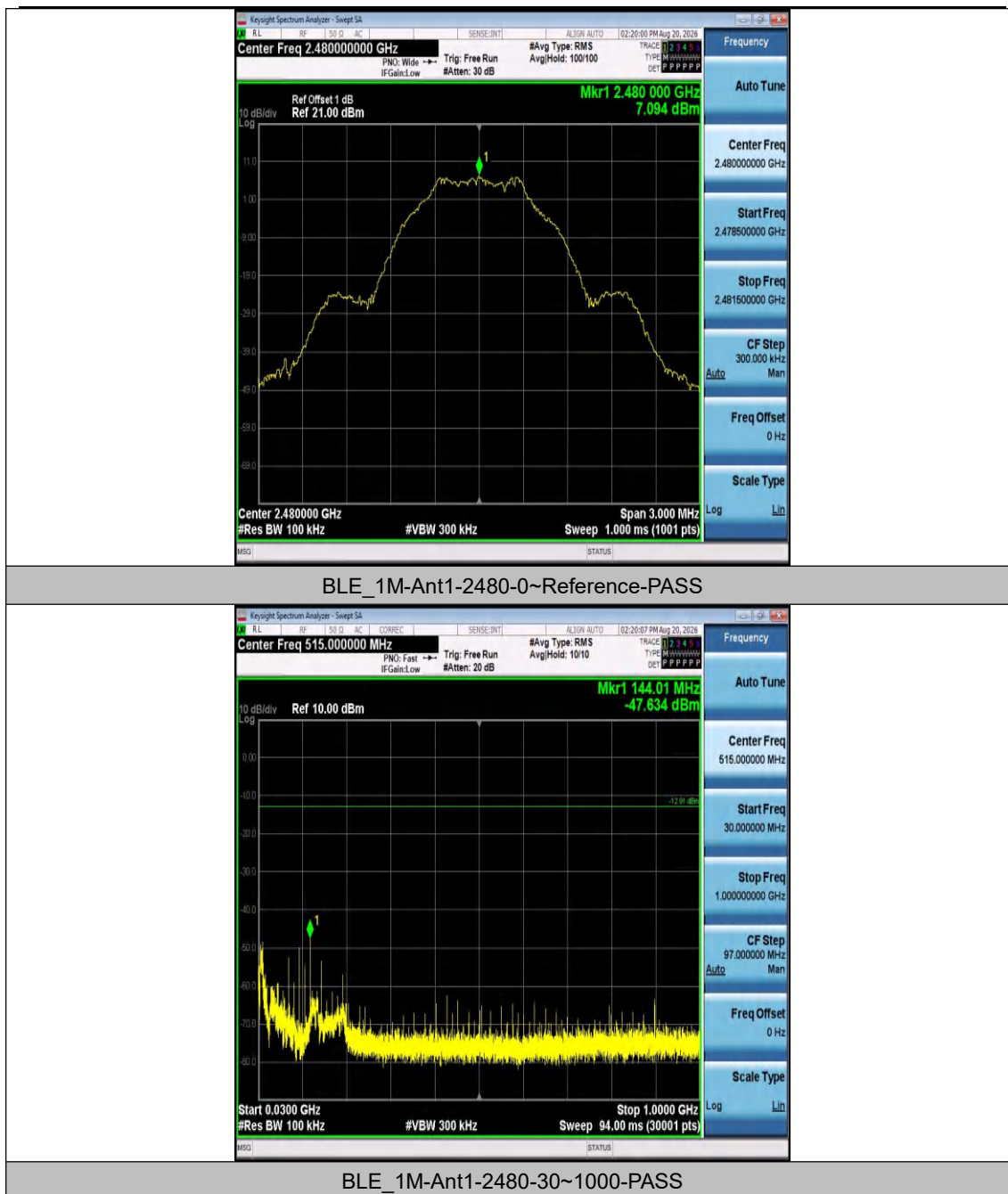
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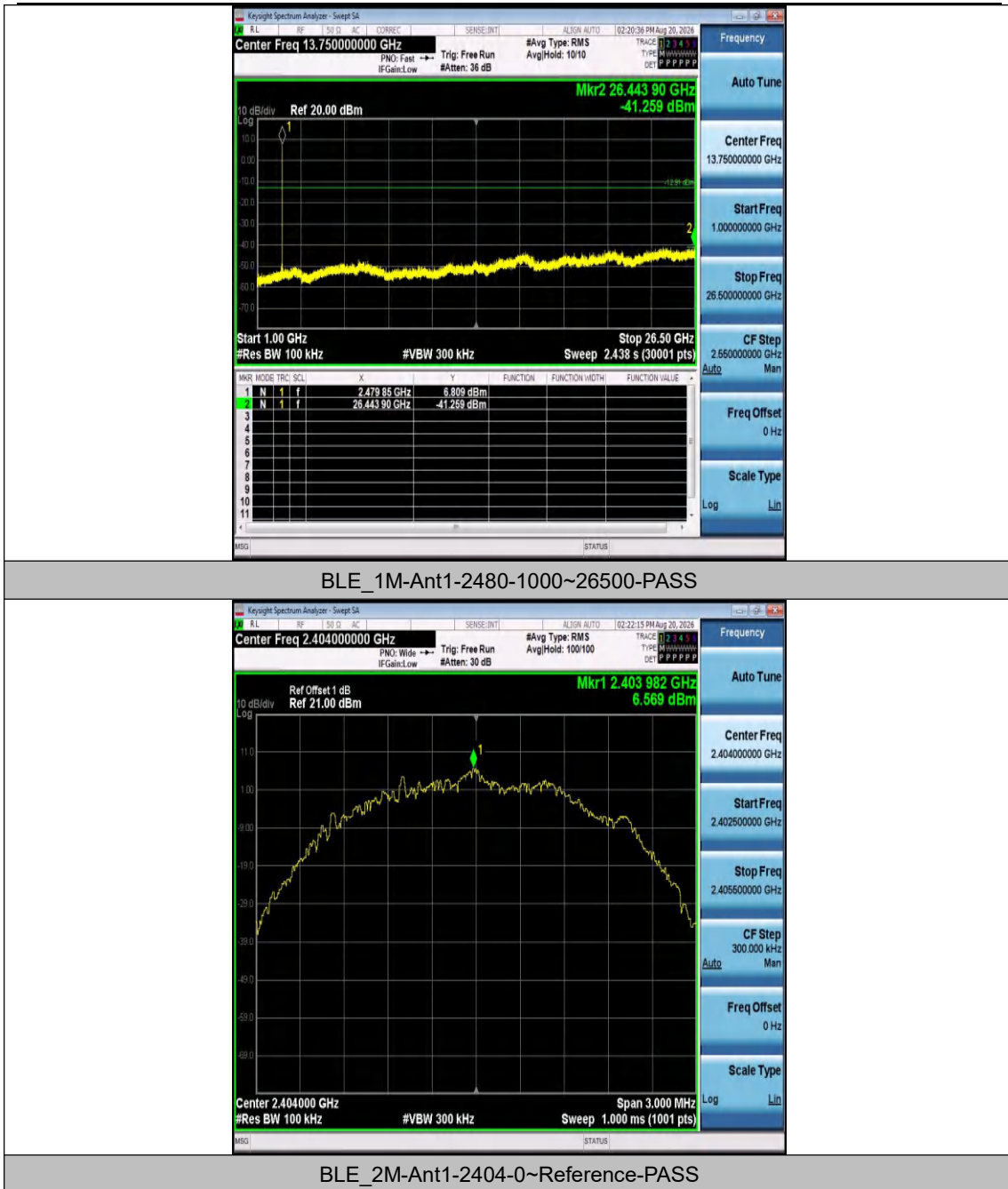
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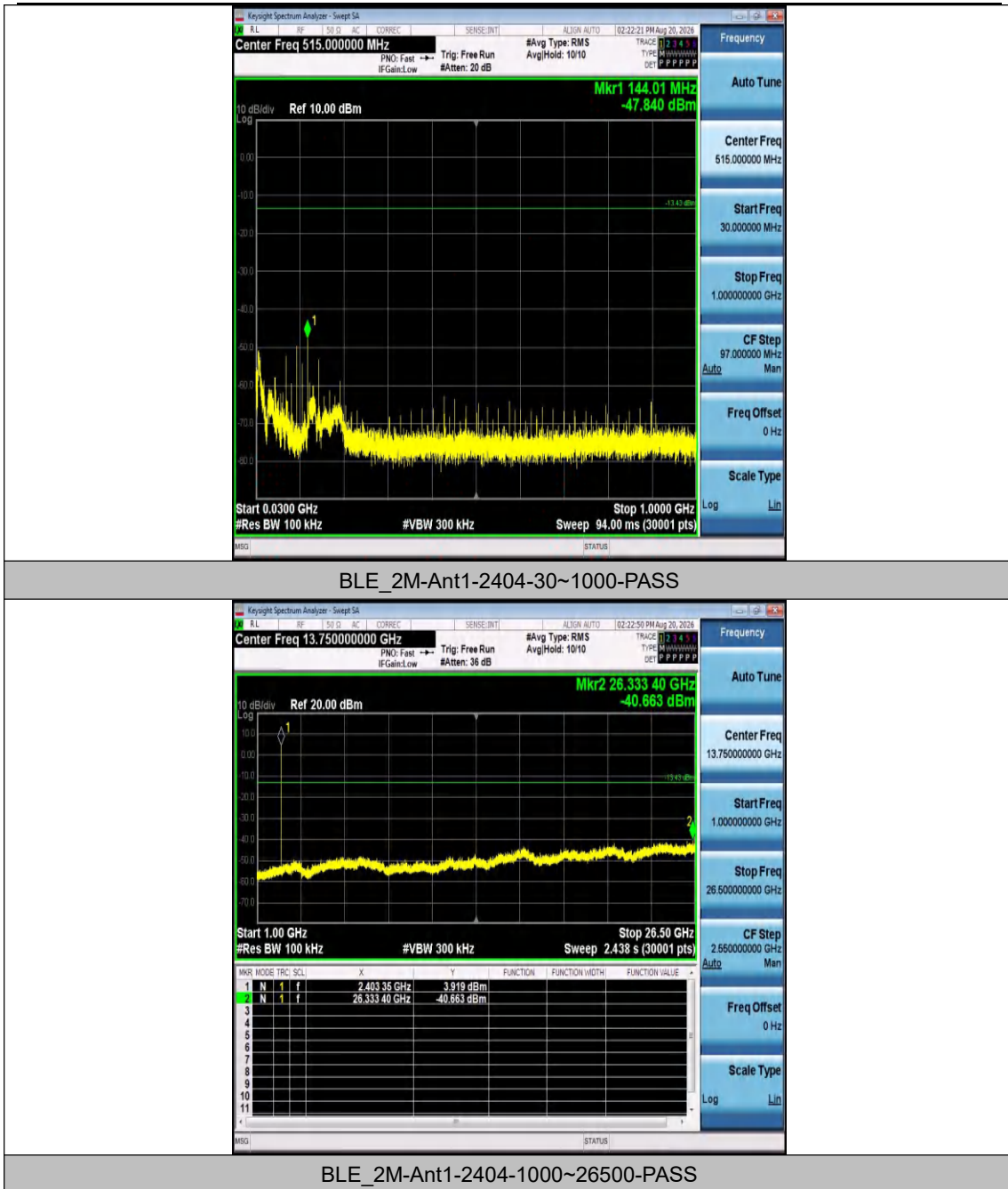
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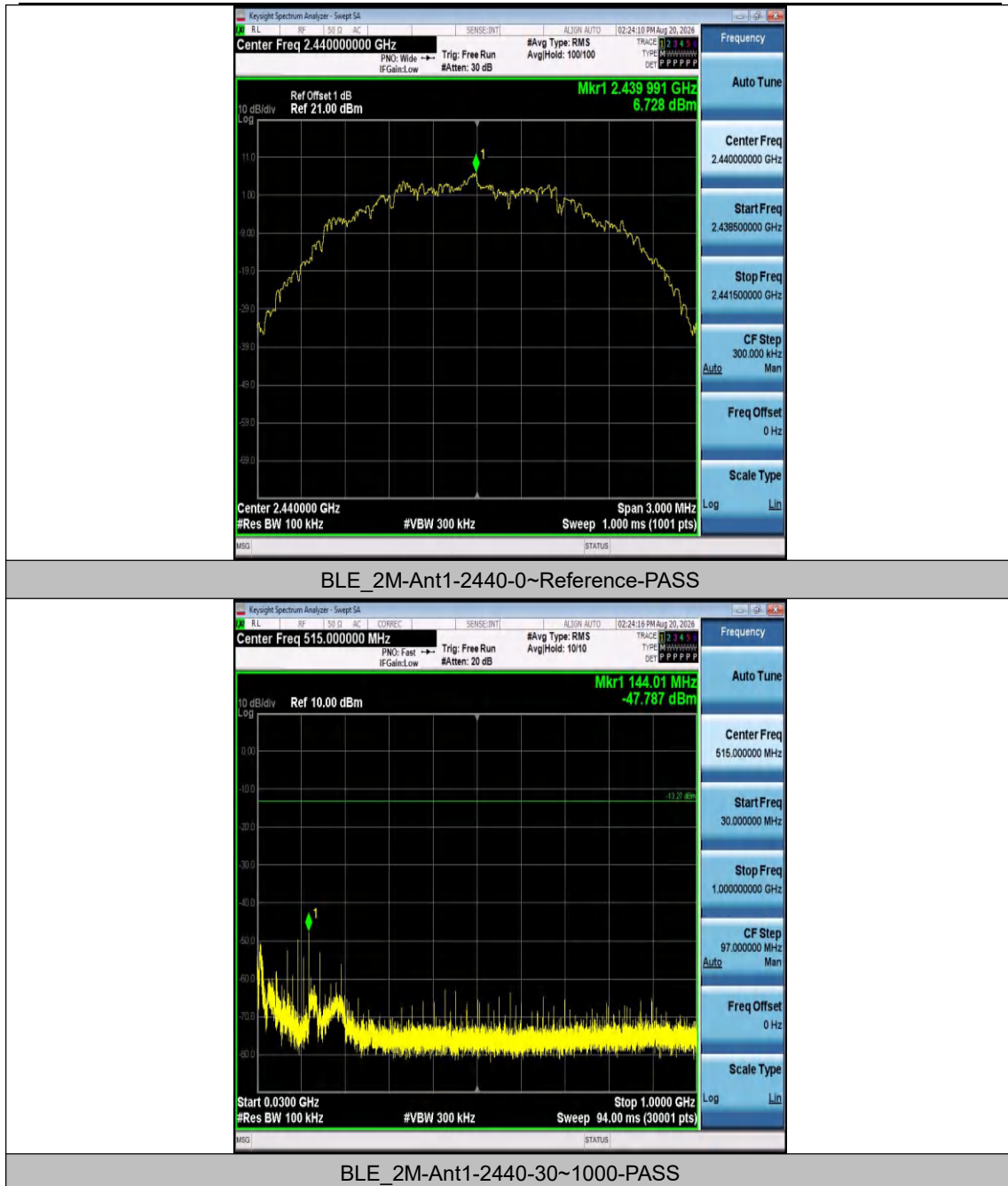
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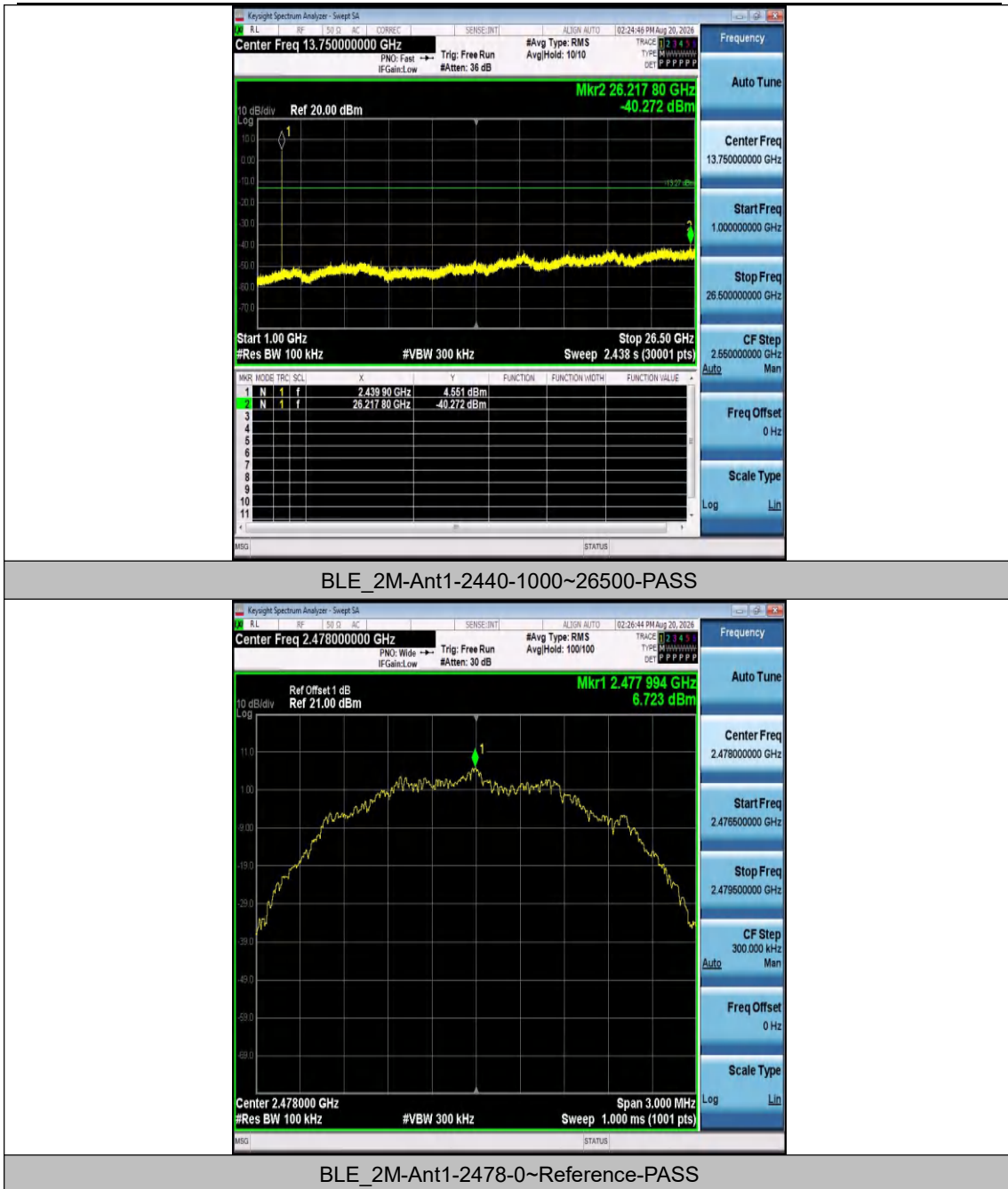
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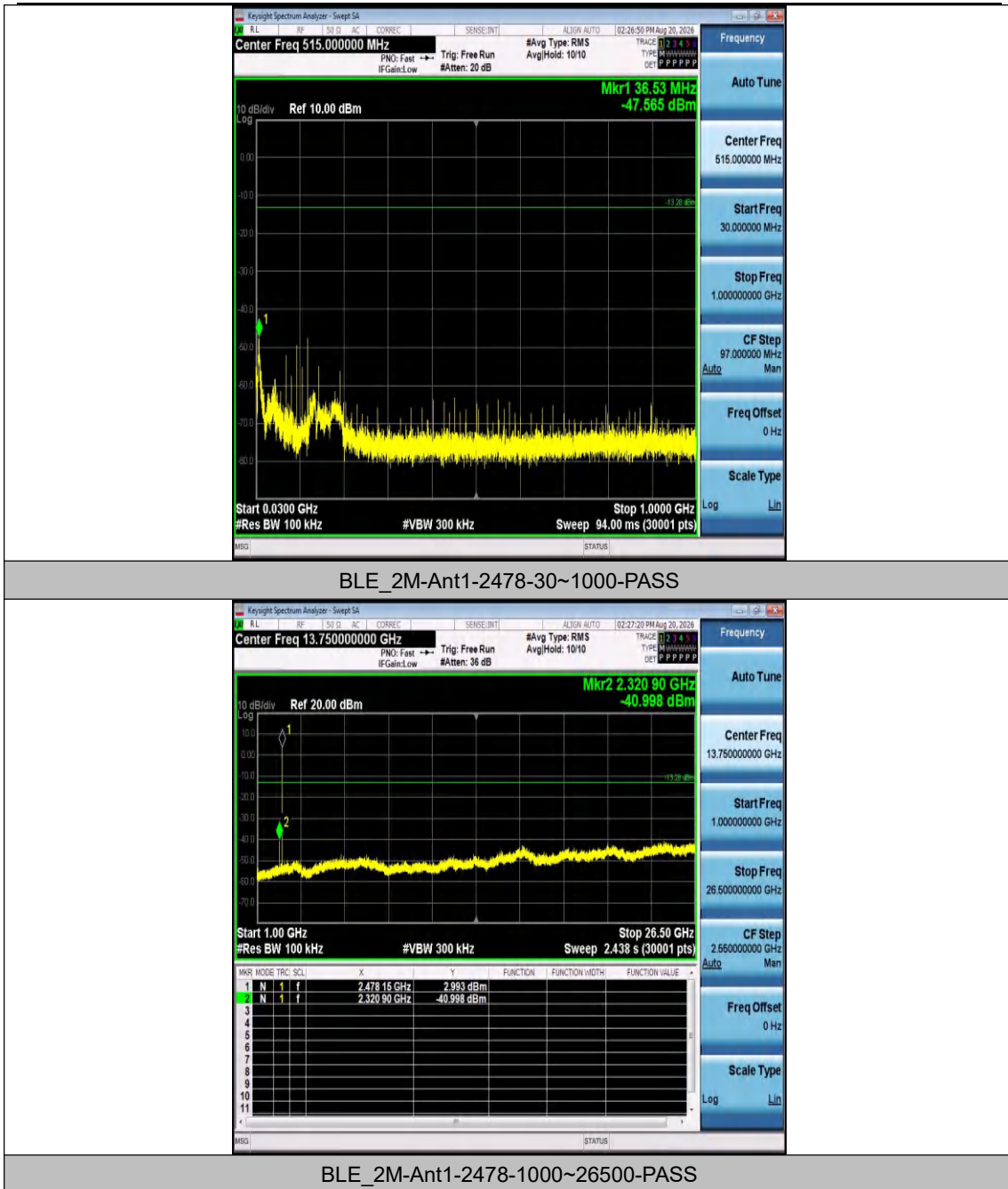
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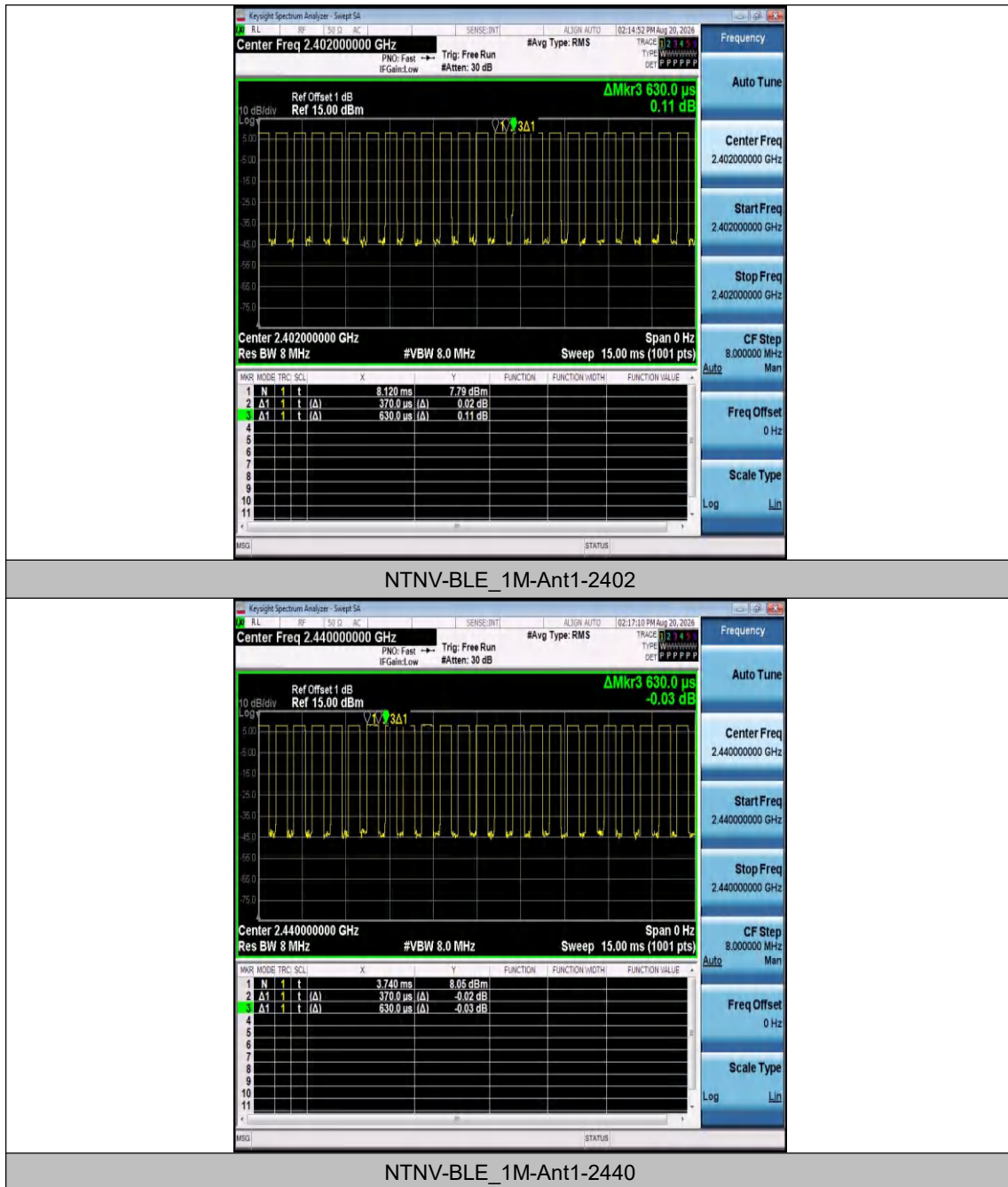
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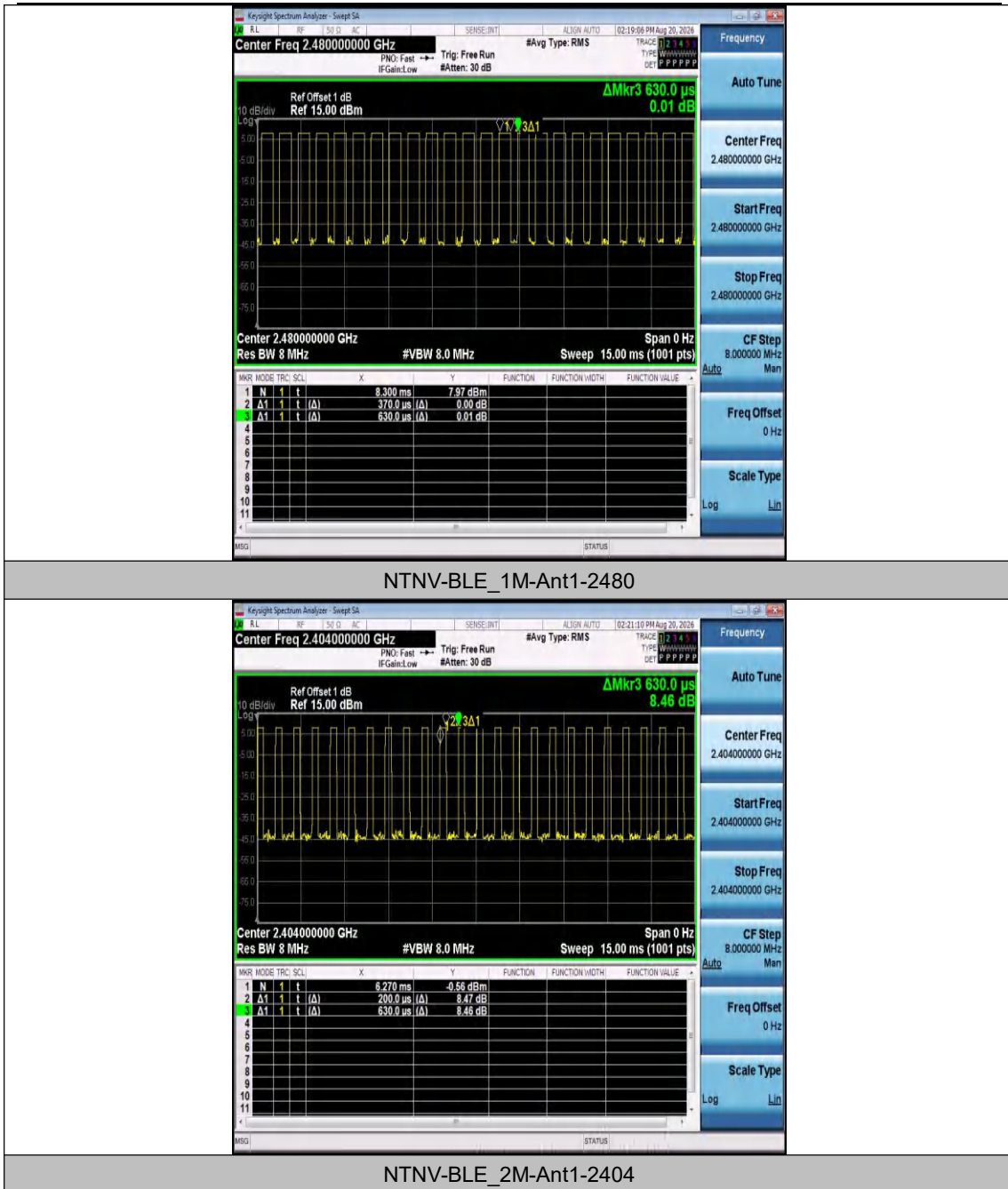
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.37	0.63	58.73	2.31
BLE_1M	Ant1	2440	0.37	0.63	58.73	2.31
BLE_1M	Ant1	2480	0.37	0.63	58.73	2.31
BLE_2M	Ant1	2404	0.20	0.63	31.75	4.98
BLE_2M	Ant1	2440	0.20	0.63	31.75	4.98
BLE_2M	Ant1	2478	0.20	0.63	31.75	4.98

Test Graphs

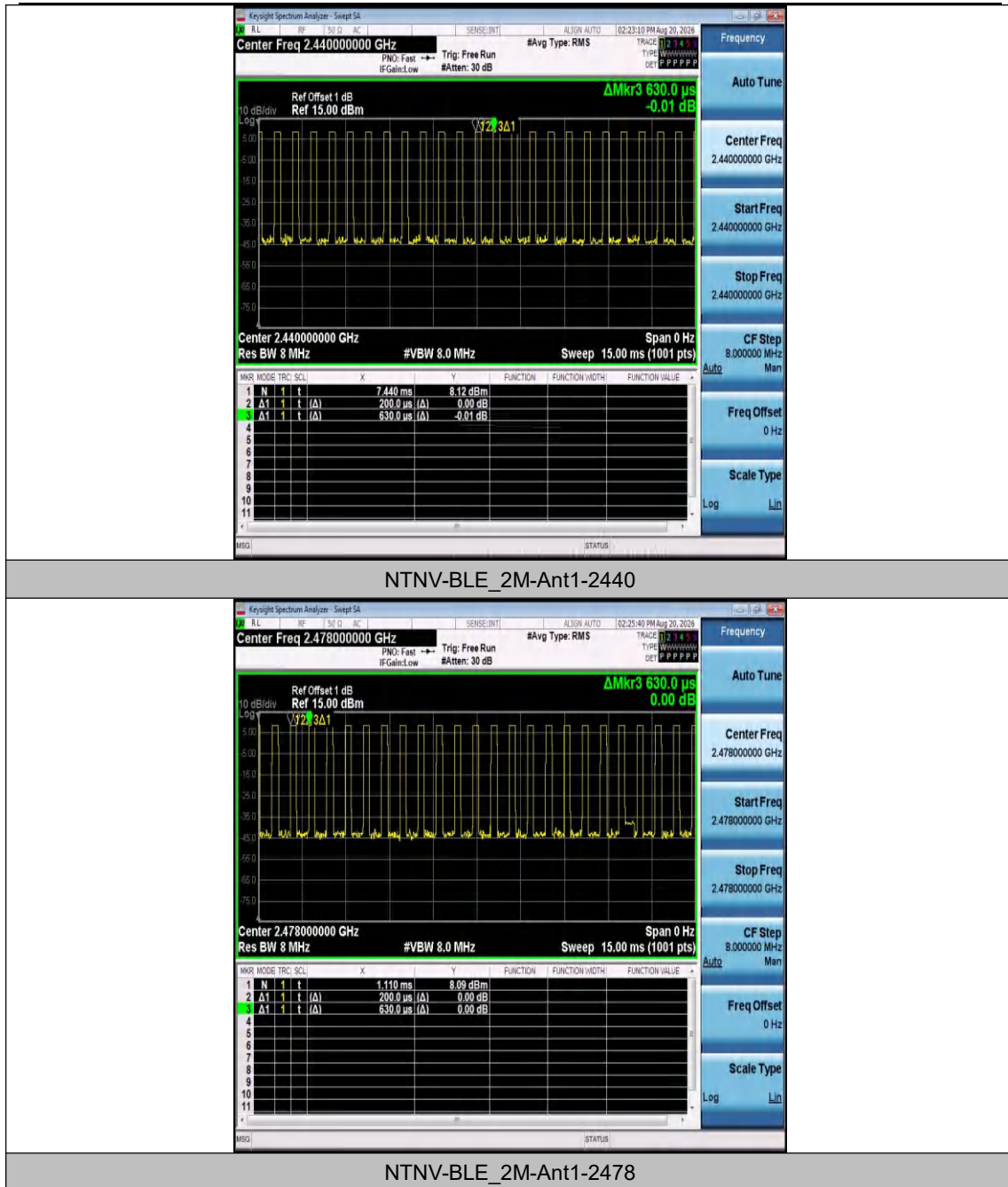




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