

Appendix Test Data

Report No.:	1812C60419712501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-27	Finish Test Date:	2026-7-28
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.3°C	Relative Humidity:	58%
Pressure:	101kPa		

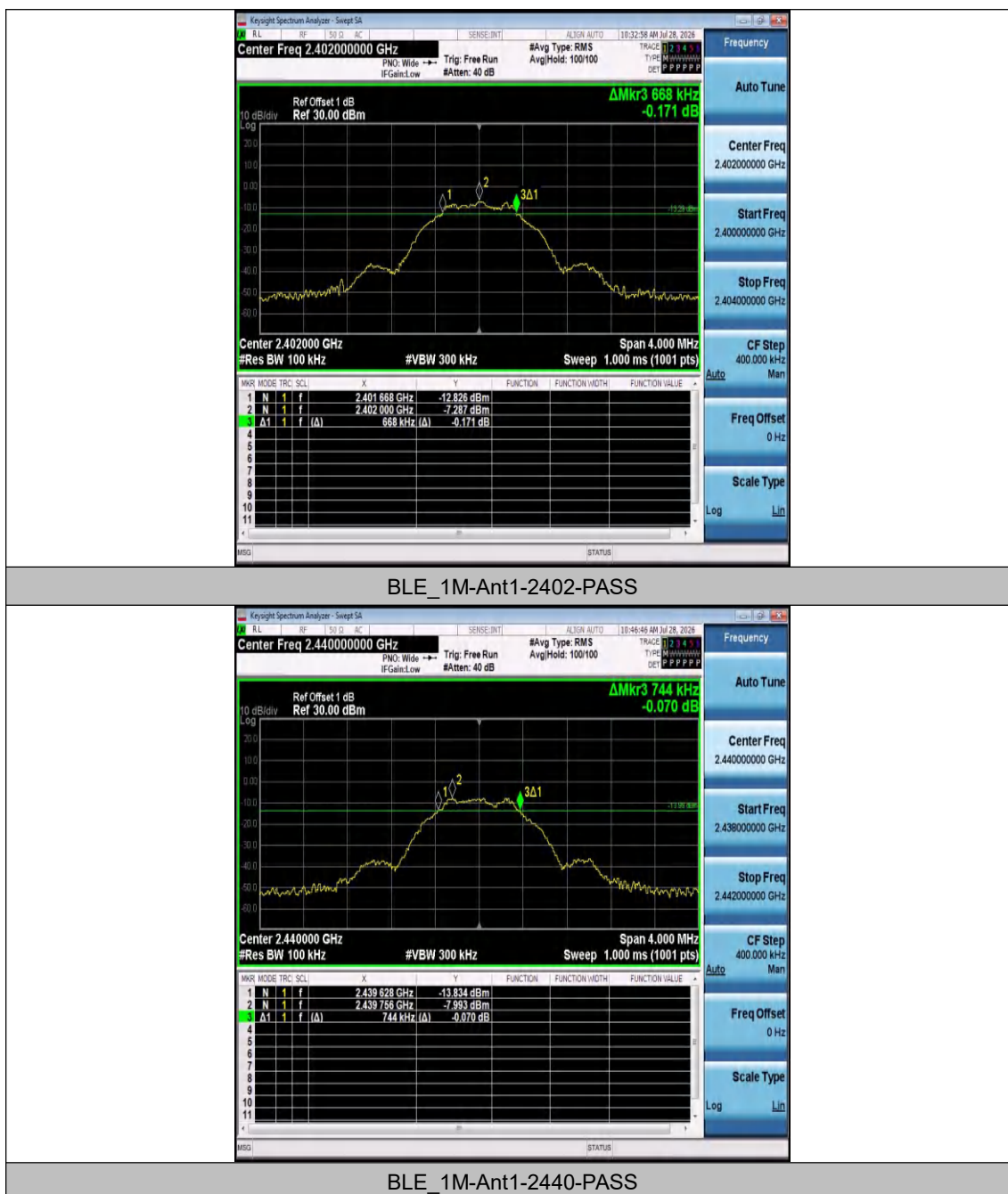


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.668	2402.336	0.5	PASS
BLE_1M	Ant1	2440	0.744	2439.628	2440.372	0.5	PASS
BLE_1M	Ant1	2480	0.700	2479.648	2480.348	0.5	PASS
BLE_2M	Ant1	2402	1.100	2401.448	2402.548	0.5	PASS
BLE_2M	Ant1	2440	1.100	2439.480	2440.580	0.5	PASS
BLE_2M	Ant1	2480	1.116	2479.460	2480.576	0.5	PASS

Test Graphs



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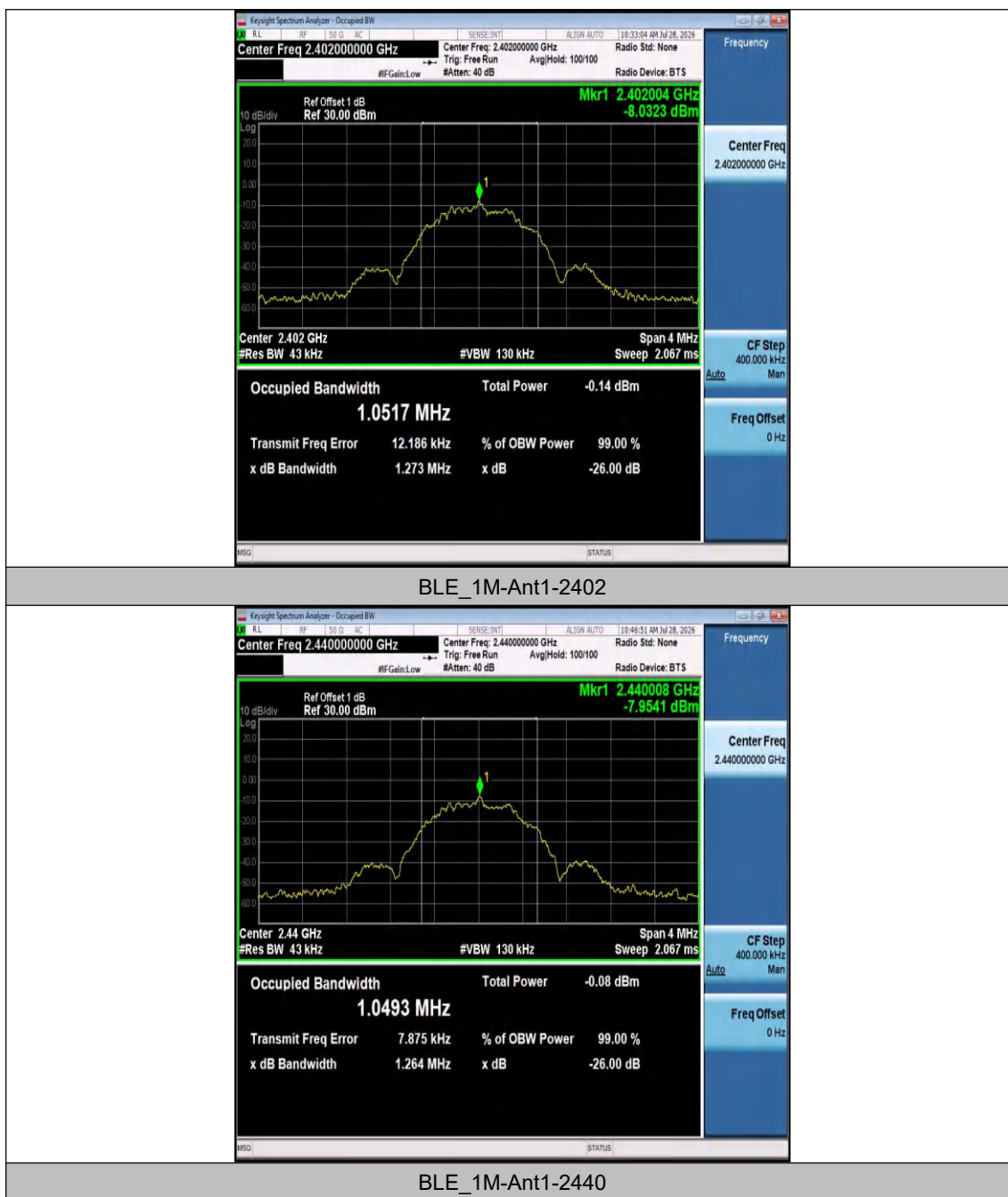
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0517	2401.4863	2402.5380	---	---
BLE_1M	Ant1	2440	1.0493	2439.4832	2440.5325	---	---
BLE_1M	Ant1	2480	1.0425	2479.4830	2480.5255	---	---
BLE_2M	Ant1	2402	2.0464	2400.9976	2403.0440	---	---
BLE_2M	Ant1	2440	2.0509	2438.9961	2441.0470	---	---
BLE_2M	Ant1	2480	2.0610	2478.9863	2481.0473	---	---

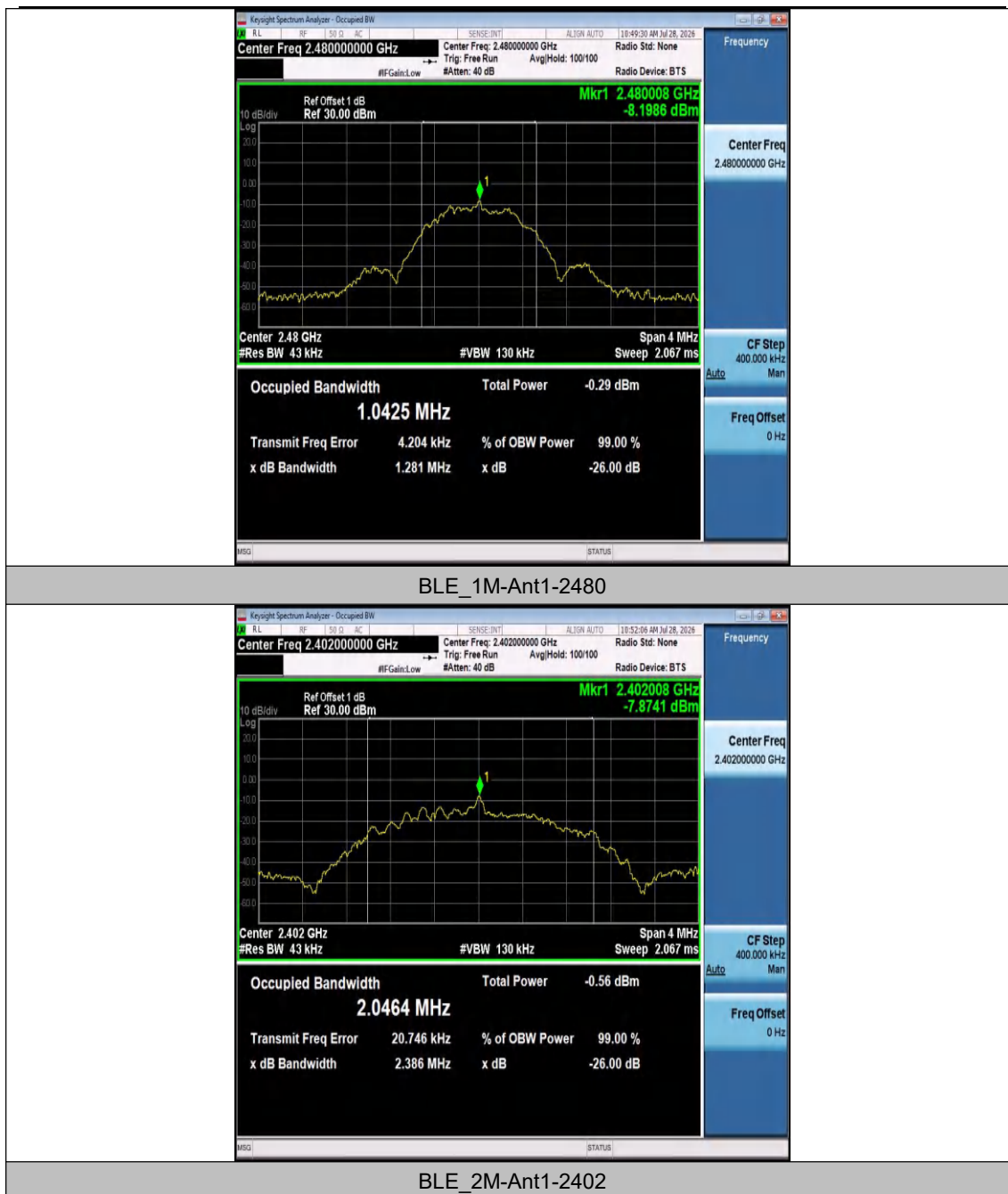
Test Graphs



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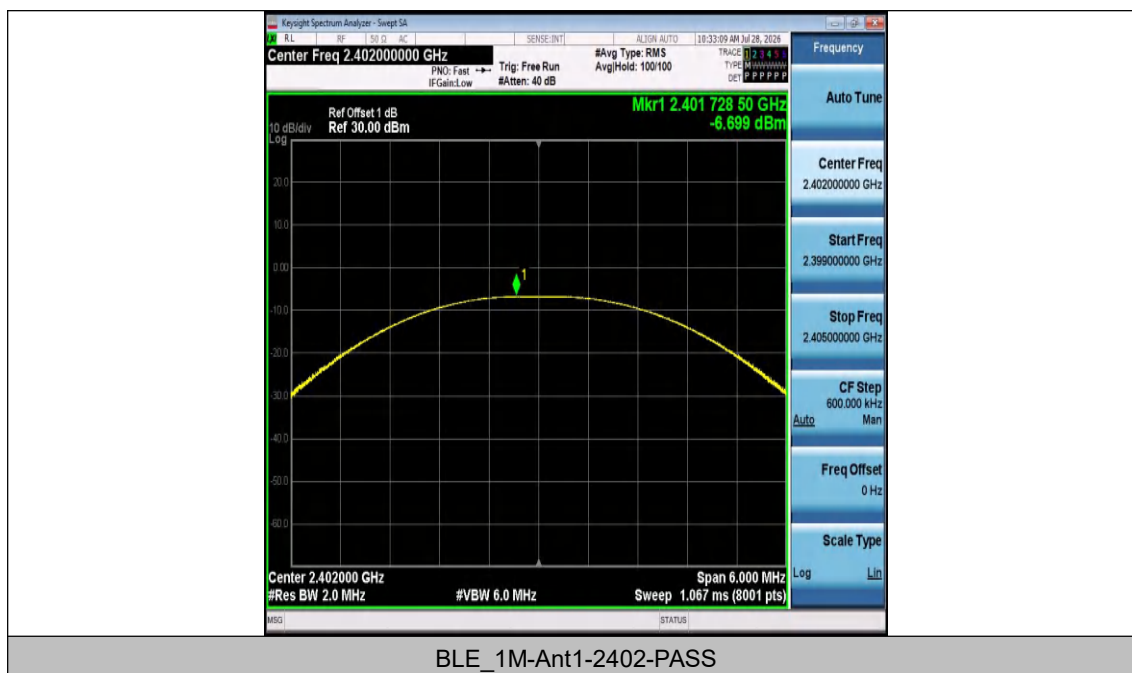
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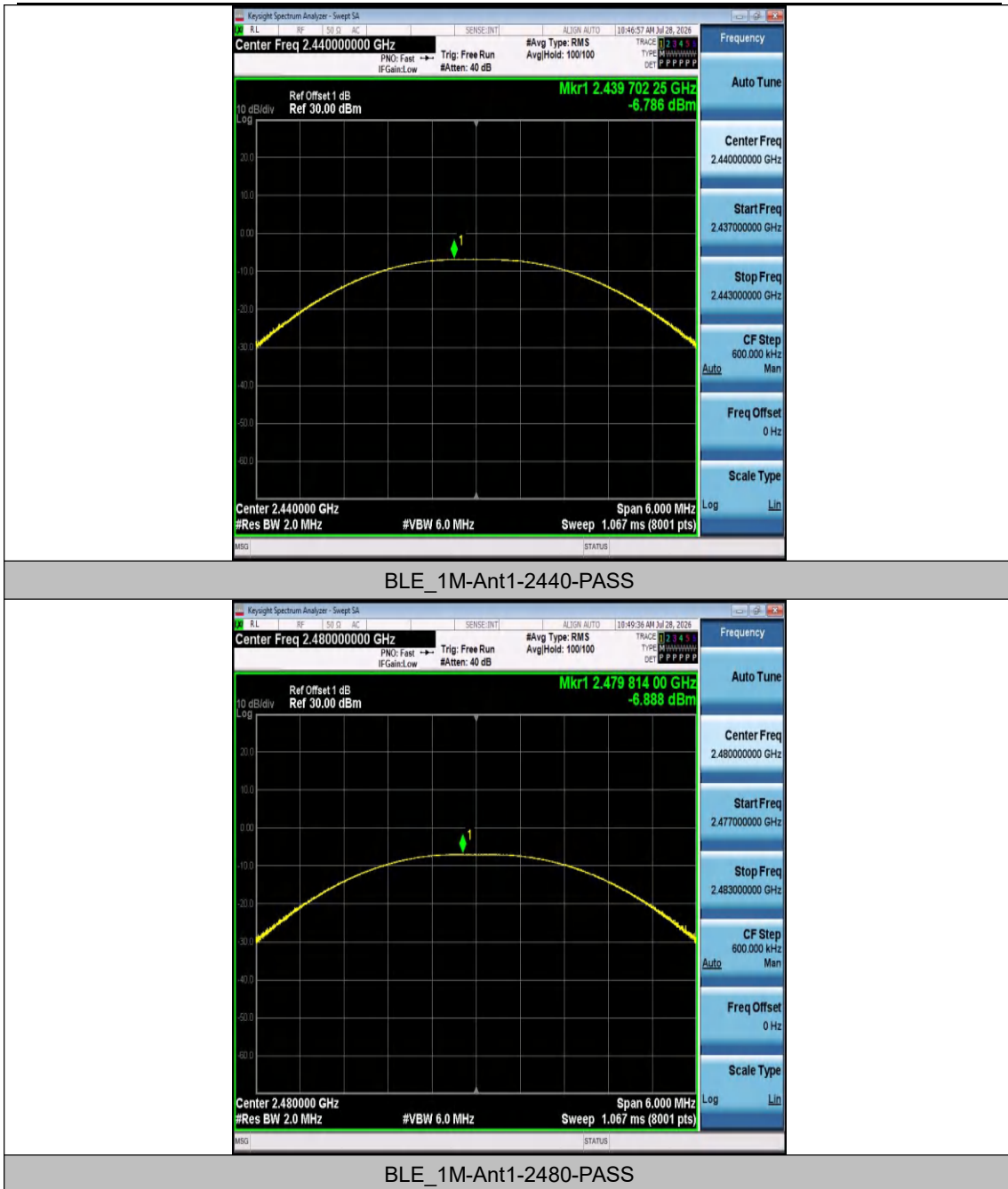
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-6.70	≤30	PASS
BLE_1M	Ant1	2440	-6.79	≤30	PASS
BLE_1M	Ant1	2480	-6.89	≤30	PASS
BLE_2M	Ant1	2402	-6.52	≤30	PASS
BLE_2M	Ant1	2440	-6.83	≤30	PASS
BLE_2M	Ant1	2480	-6.91	≤30	PASS

Test Graphs Peak

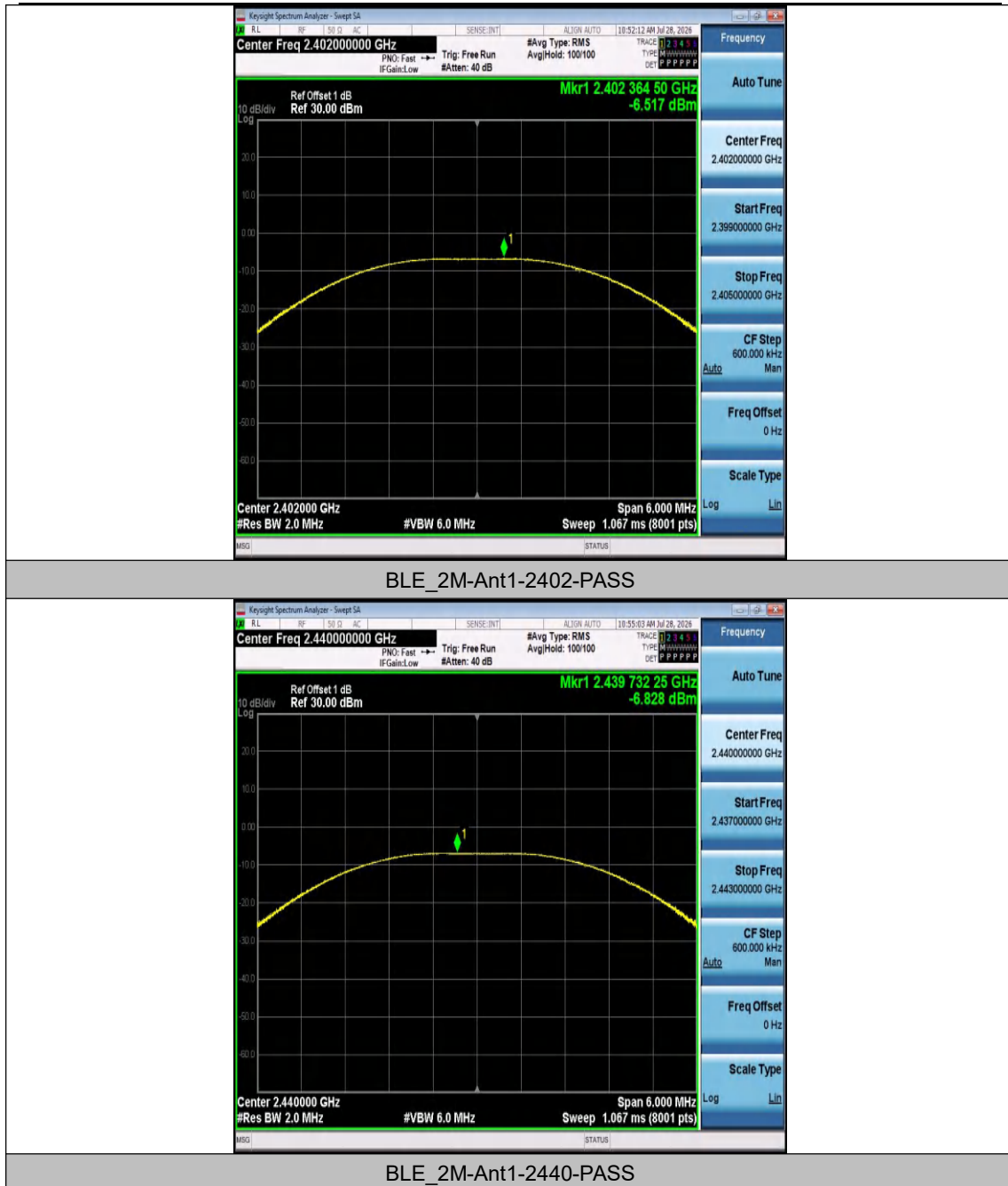




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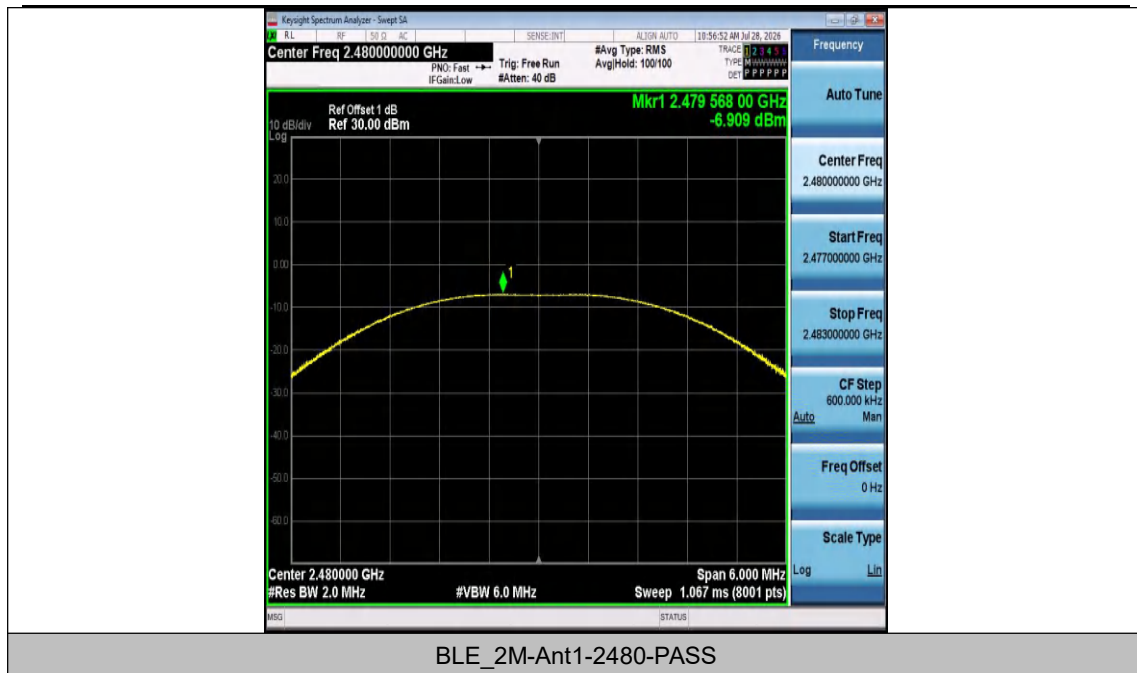
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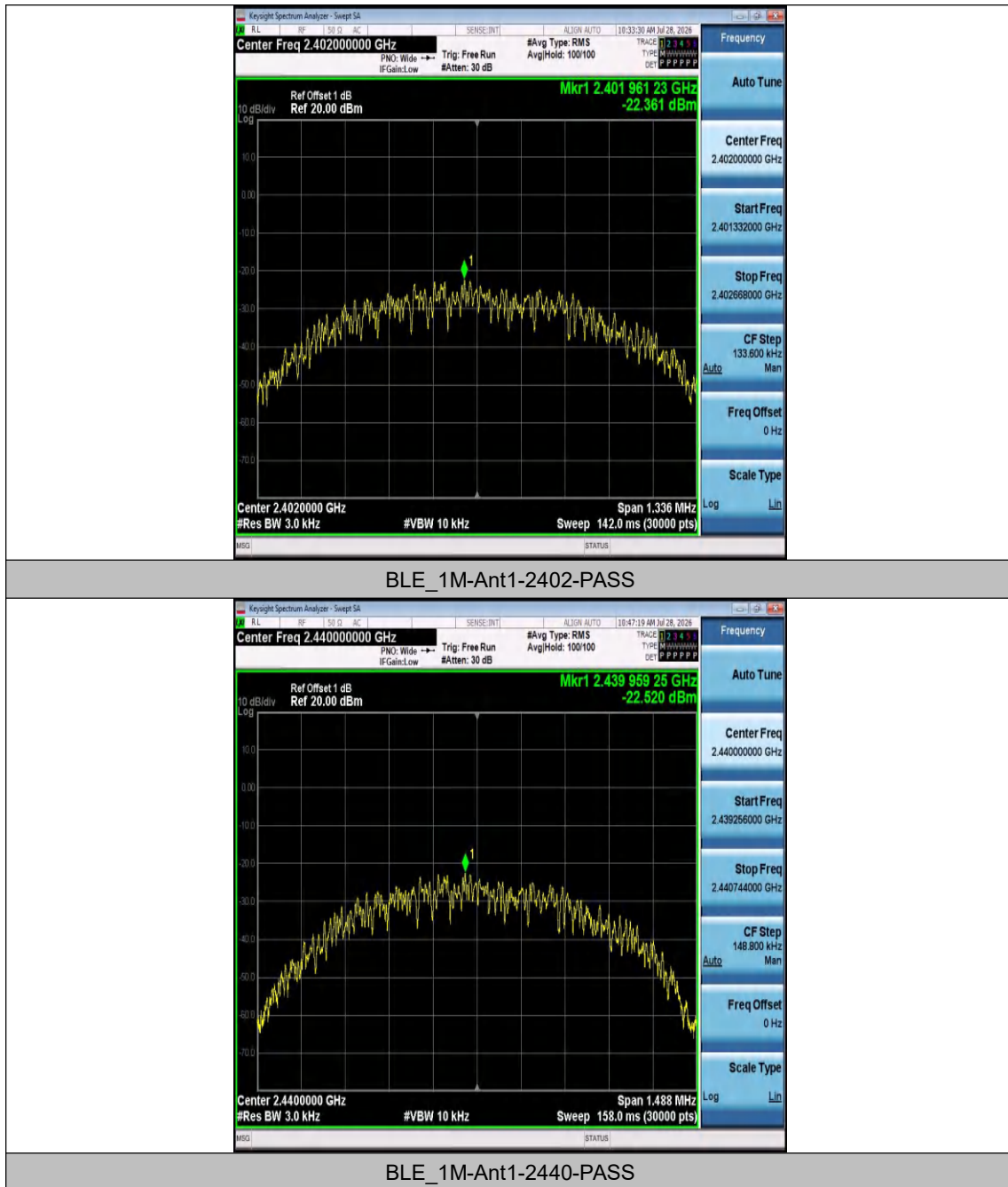
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-22.36	≤8.00	PASS
BLE_1M	Ant1	2440	-22.52	≤8.00	PASS
BLE_1M	Ant1	2480	-22.61	≤8.00	PASS
BLE_2M	Ant1	2402	-25.04	≤8.00	PASS
BLE_2M	Ant1	2440	-25.09	≤8.00	PASS
BLE_2M	Ant1	2480	-25.11	≤8.00	PASS

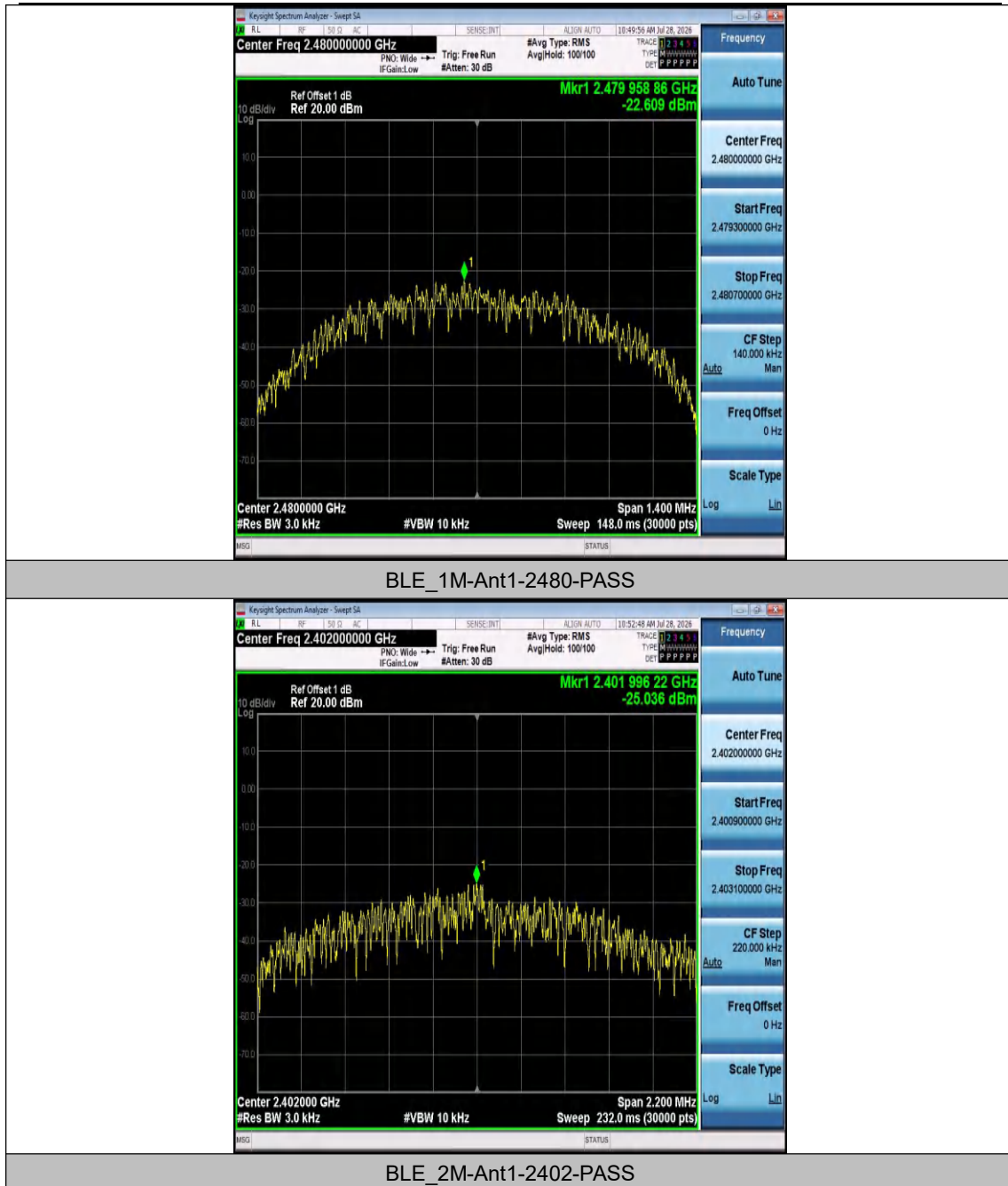
Test Graphs



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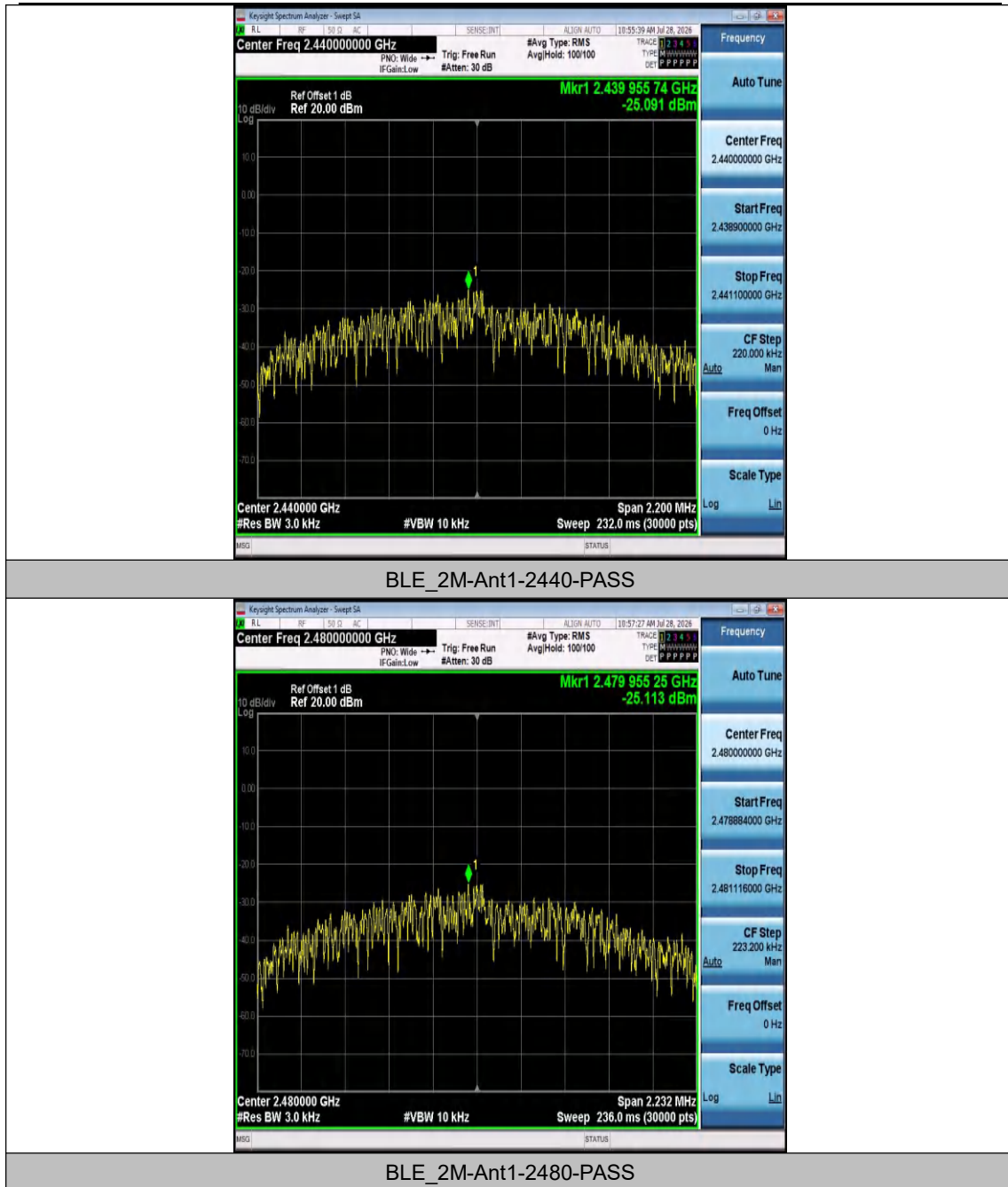
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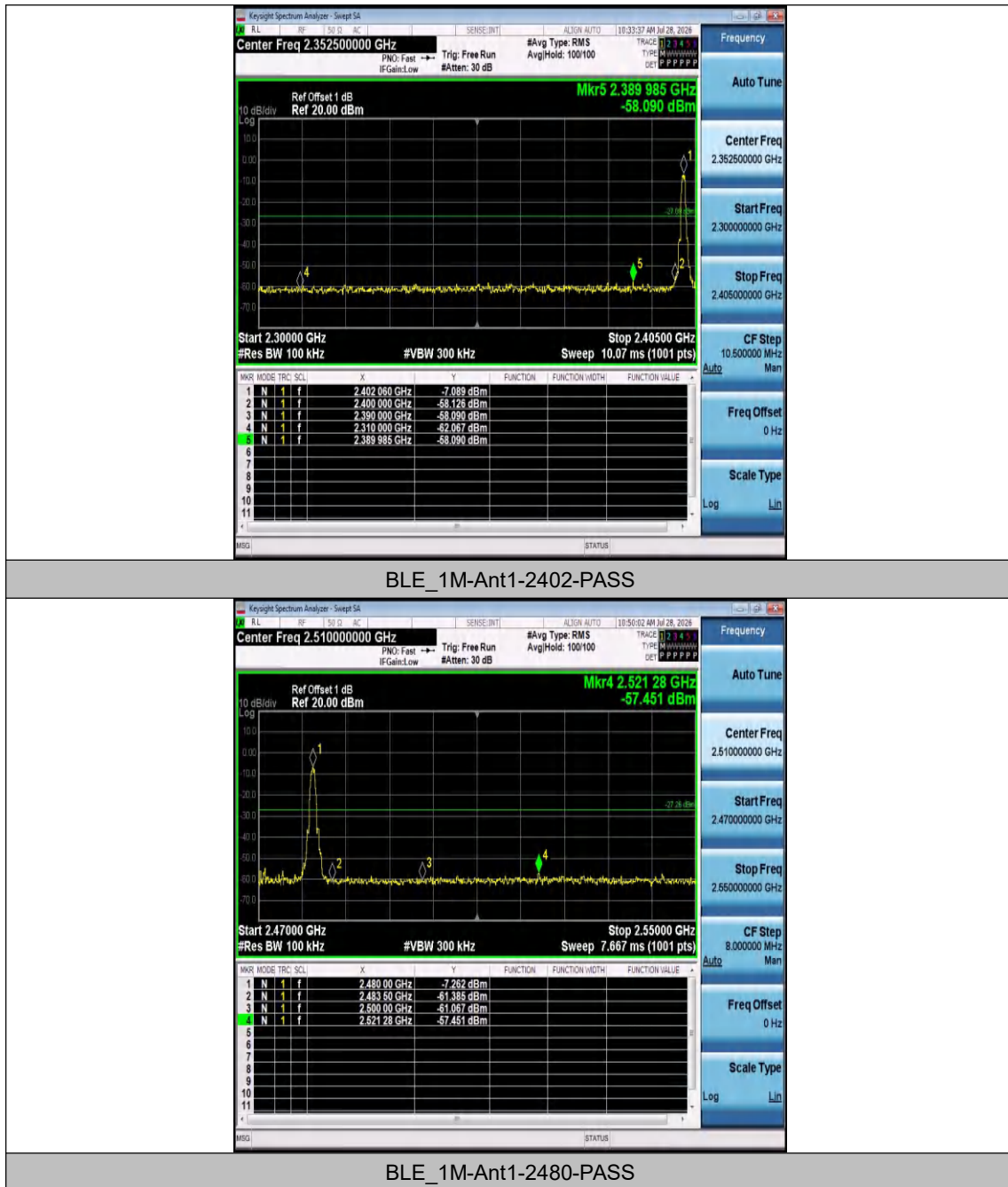
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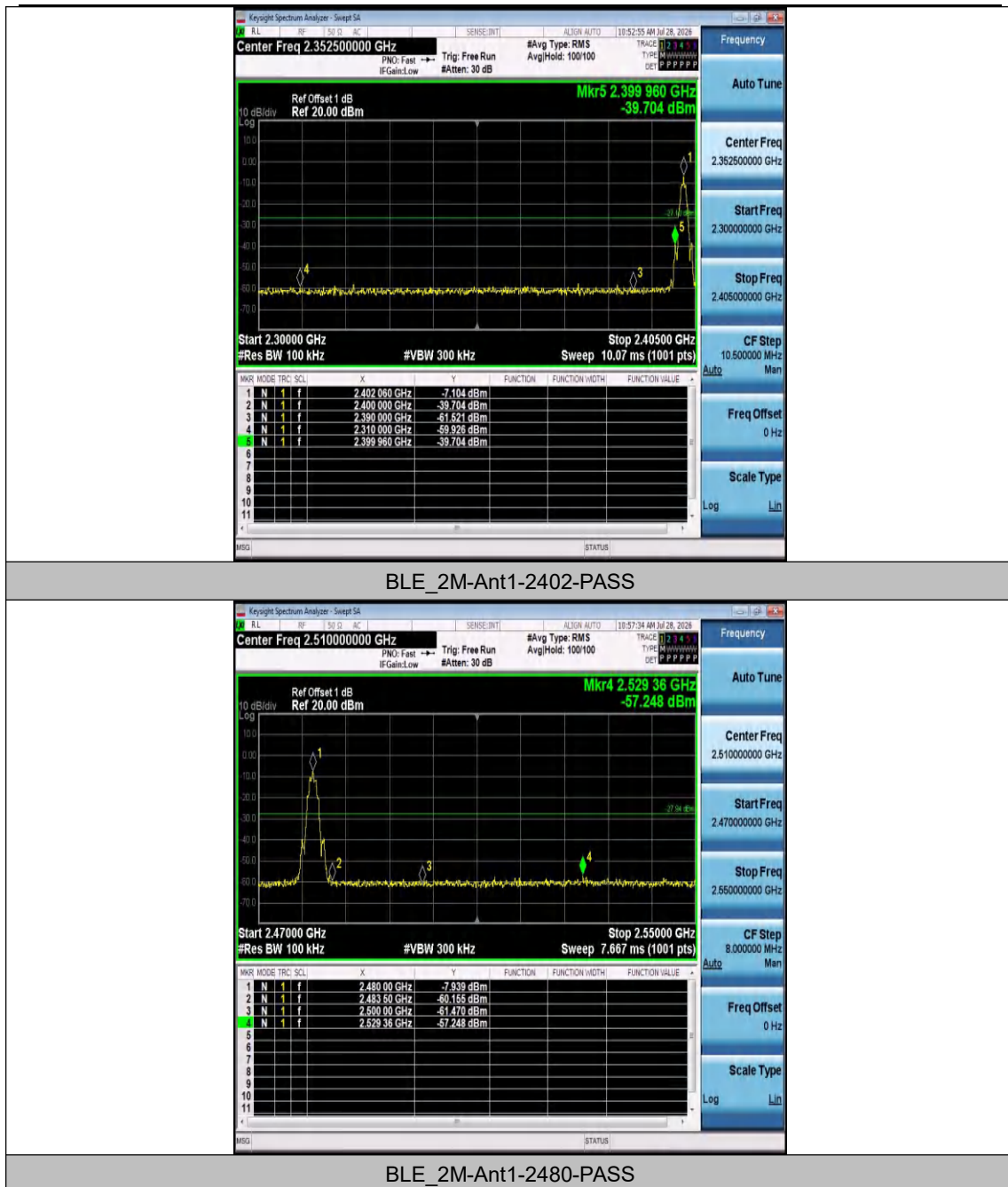
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-7.09	-58.09	≤-27.09	PASS
BLE_1M	Ant1	High	2480	-7.26	-57.45	≤-27.26	PASS
BLE_2M	Ant1	Low	2402	-7.10	-39.7	≤-27.1	PASS
BLE_2M	Ant1	High	2480	-7.94	-57.25	≤-27.94	PASS

Test Graphs





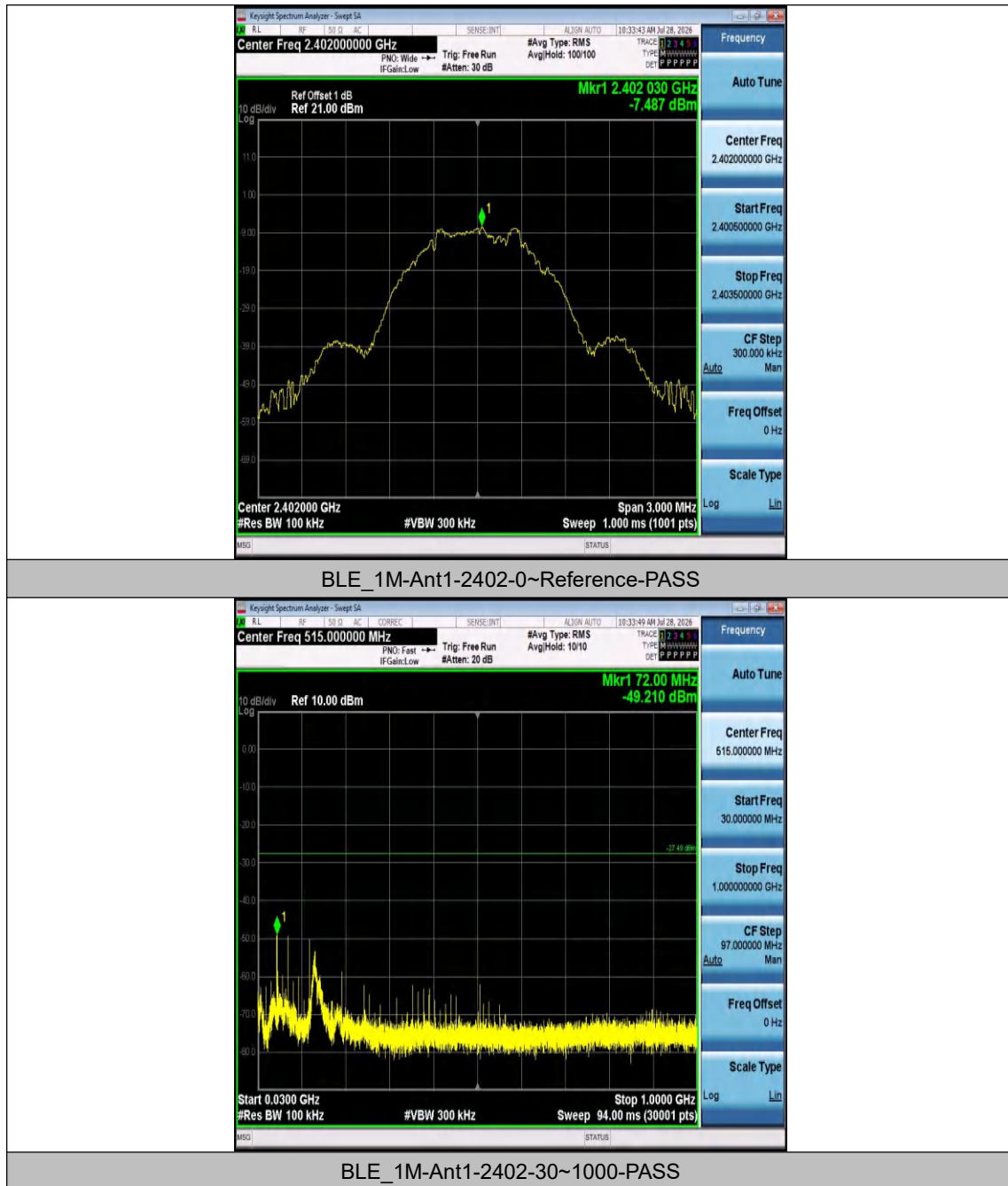
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-7.49	-7.49	---	PASS
BLE_1M	Ant1	2402	30~1000	-7.49	-49.21	≤-27.49	PASS
BLE_1M	Ant1	2402	1000~26500	-7.49	-41.24	≤-27.49	PASS
BLE_1M	Ant1	2440	0~Reference	-7.95	-7.95	---	PASS
BLE_1M	Ant1	2440	30~1000	-7.95	-48.19	≤-27.95	PASS
BLE_1M	Ant1	2440	1000~26500	-7.95	-36.88	≤-27.95	PASS
BLE_1M	Ant1	2480	0~Reference	-7.26	-7.26	---	PASS
BLE_1M	Ant1	2480	30~1000	-7.26	-48.84	≤-27.26	PASS
BLE_1M	Ant1	2480	1000~26500	-7.26	-40.27	≤-27.26	PASS
BLE_2M	Ant1	2402	0~Reference	-7.36	-7.36	---	PASS
BLE_2M	Ant1	2402	30~1000	-7.36	-47.83	≤-27.36	PASS
BLE_2M	Ant1	2402	1000~26500	-7.36	-41.16	≤-27.36	PASS
BLE_2M	Ant1	2440	0~Reference	-7.12	-7.12	---	PASS
BLE_2M	Ant1	2440	30~1000	-7.12	-47.84	≤-27.12	PASS
BLE_2M	Ant1	2440	1000~26500	-7.12	-41.33	≤-27.12	PASS
BLE_2M	Ant1	2480	0~Reference	-7.33	-7.33	---	PASS
BLE_2M	Ant1	2480	30~1000	-7.33	-48.59	≤-27.33	PASS
BLE_2M	Ant1	2480	1000~26500	-7.33	-41.15	≤-27.33	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.

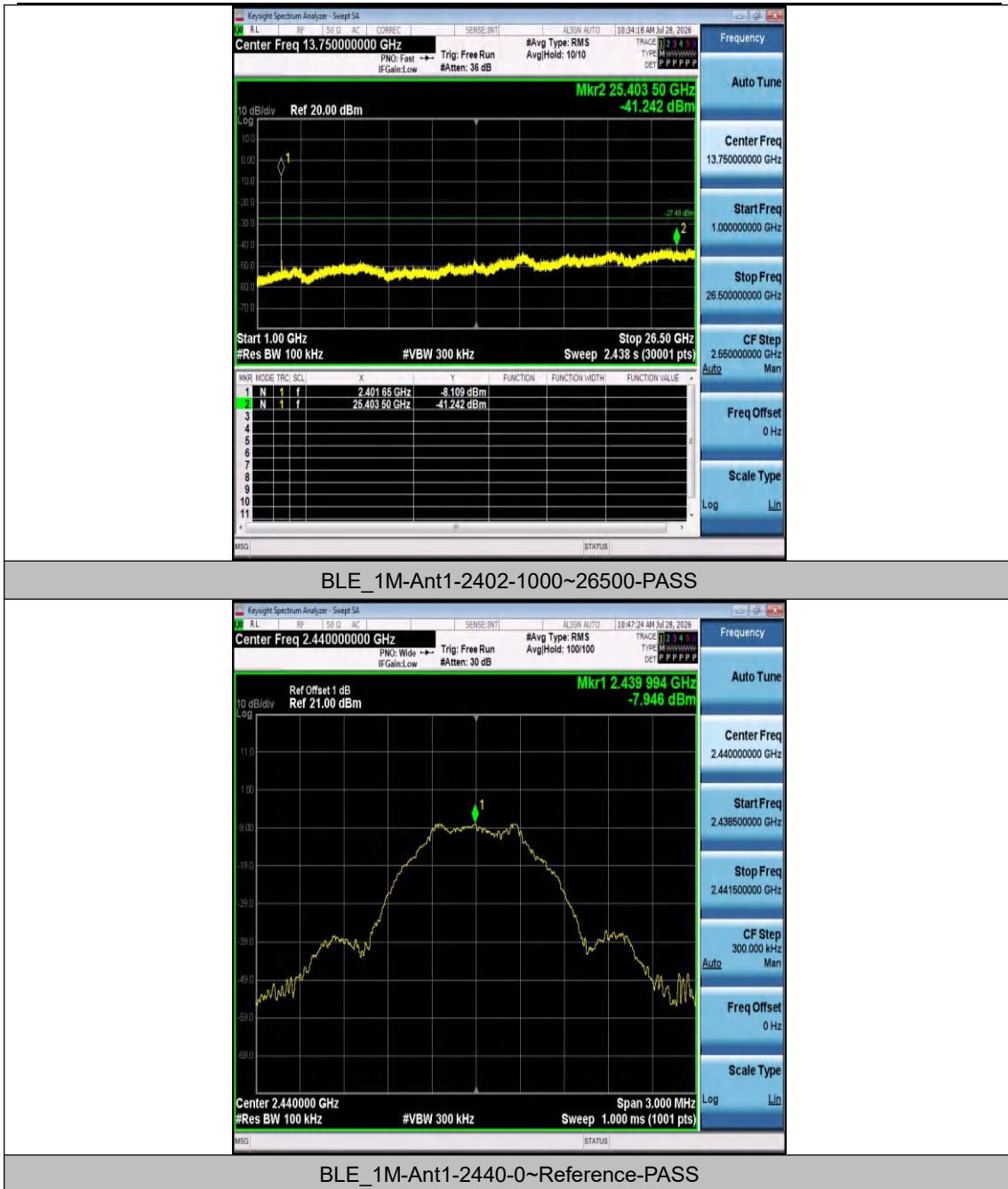
Test Graphs



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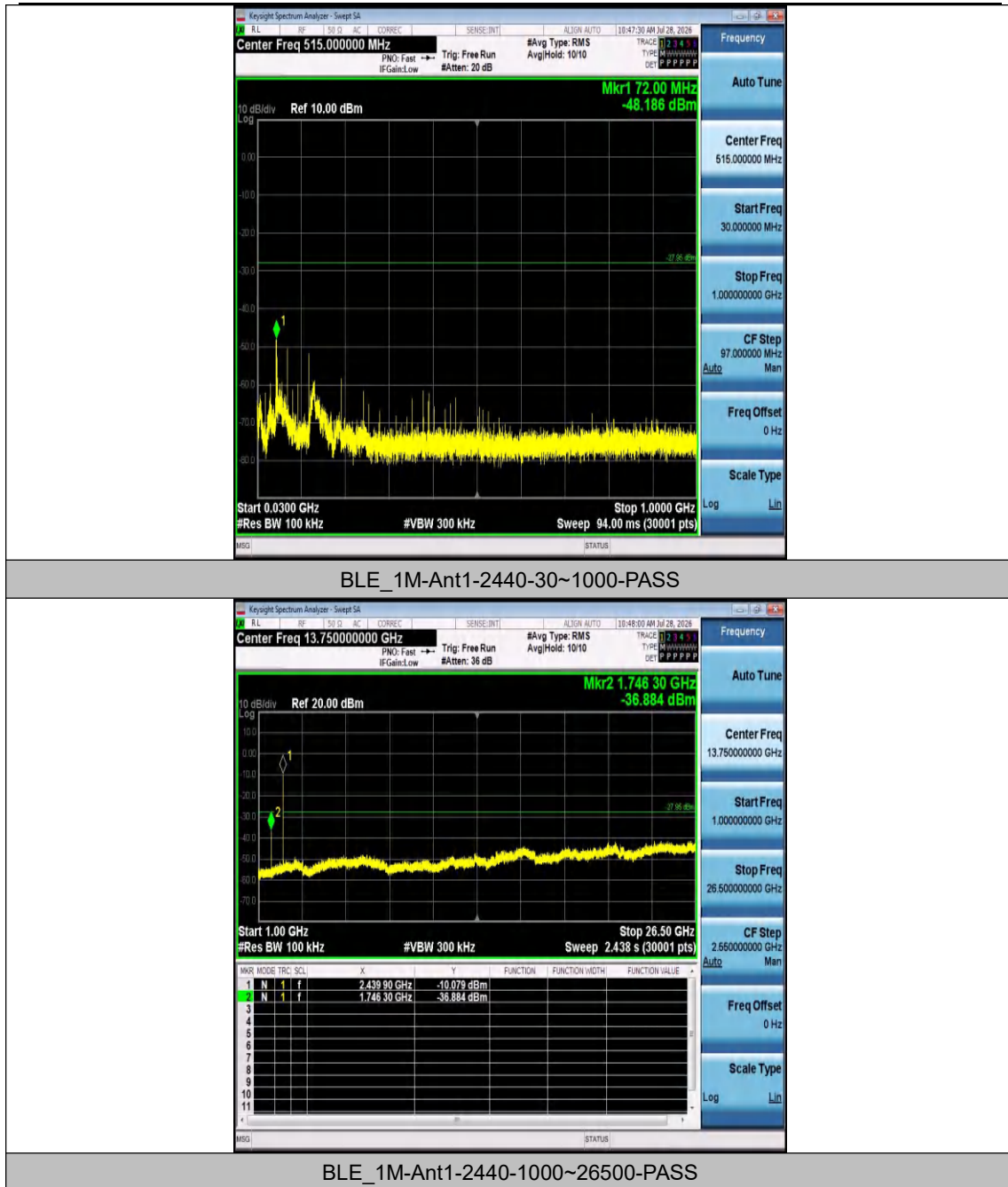
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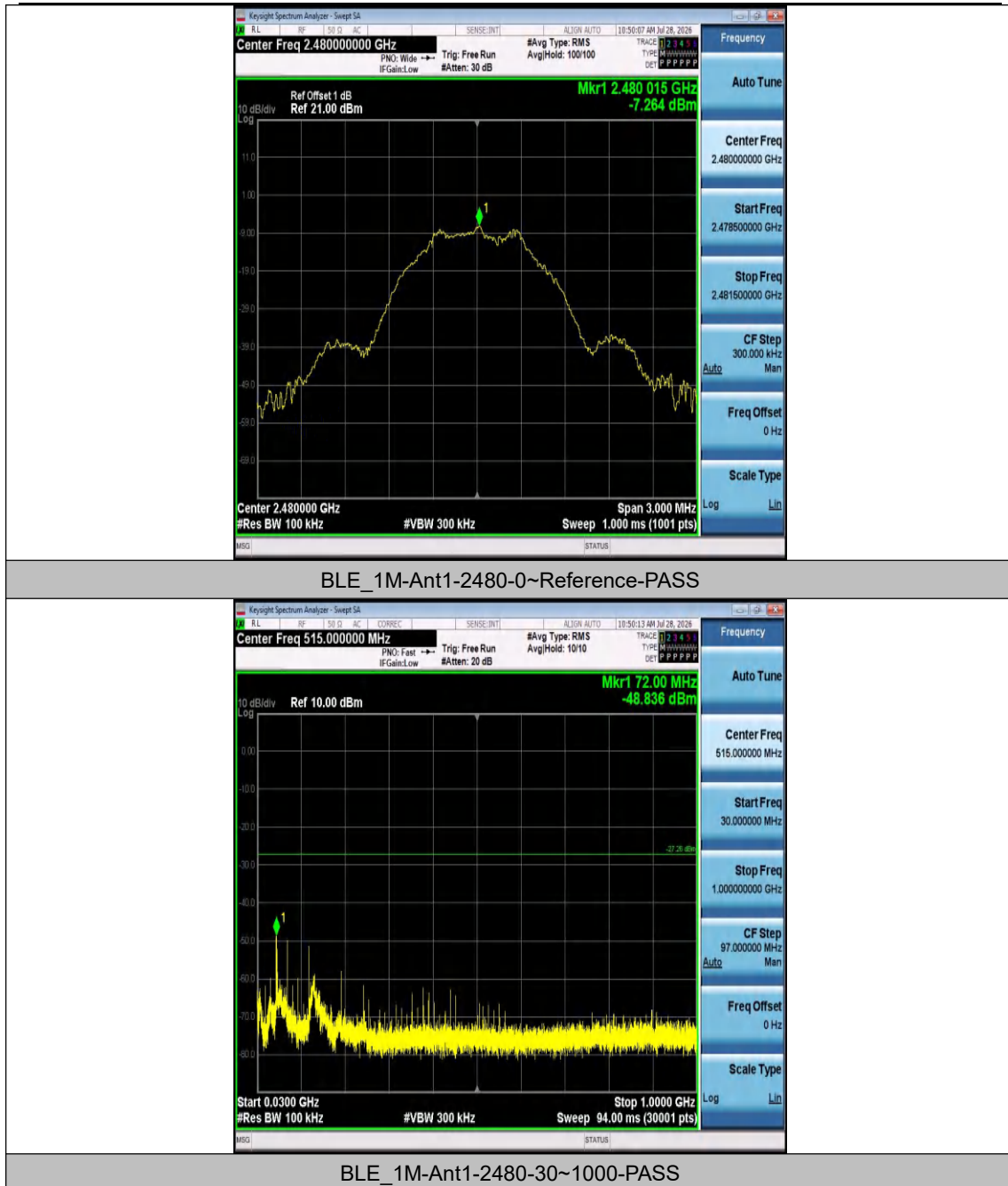
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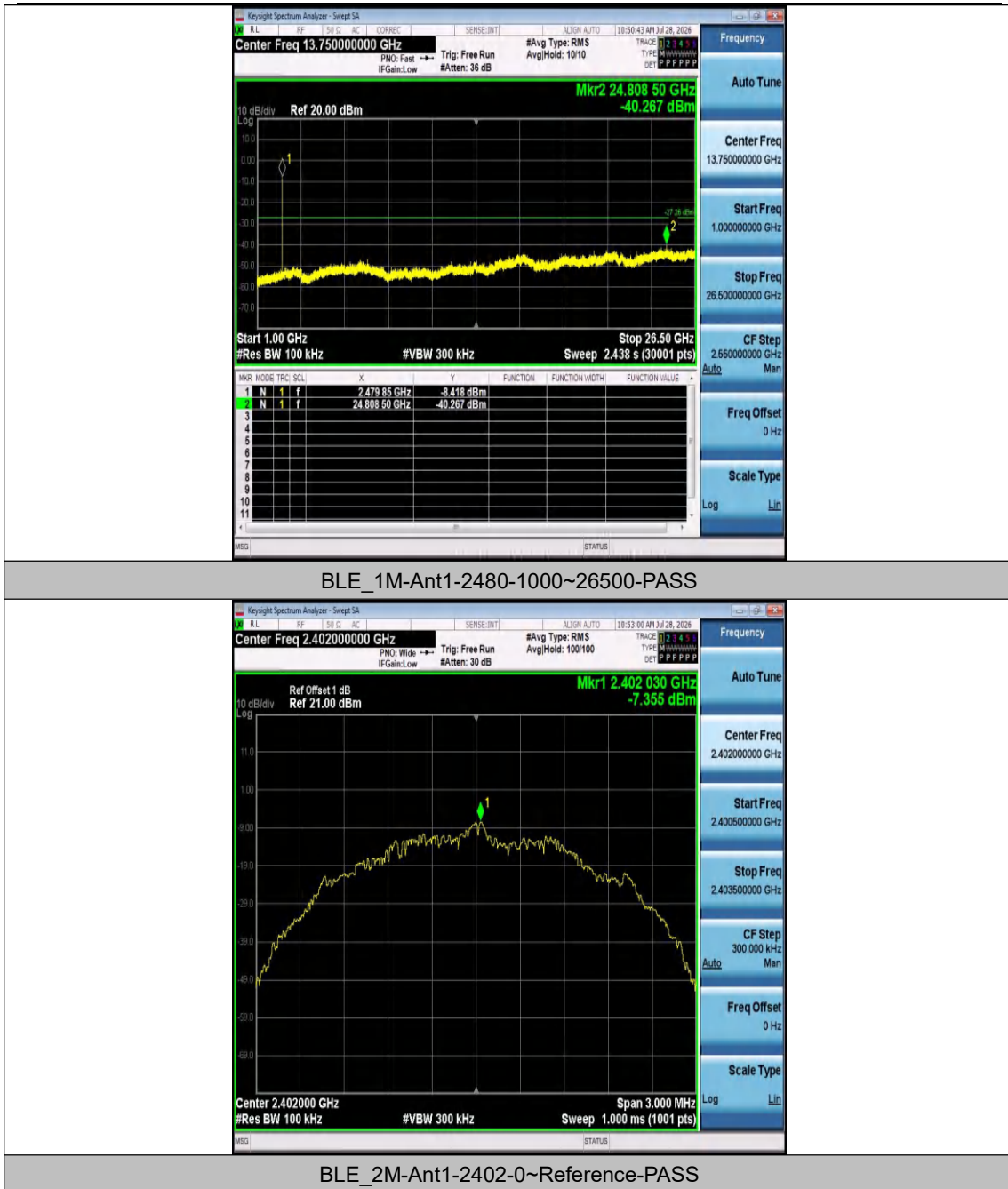
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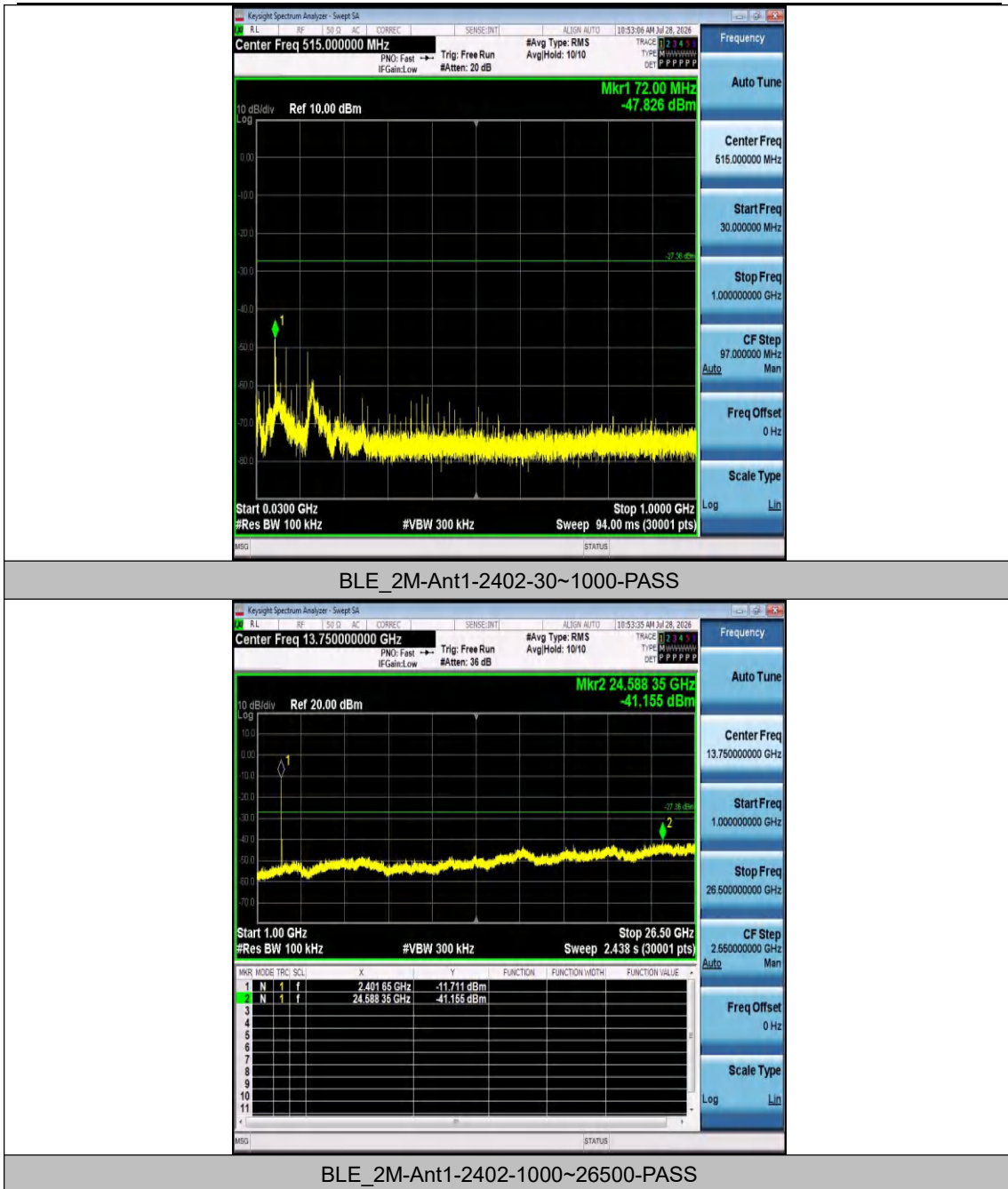
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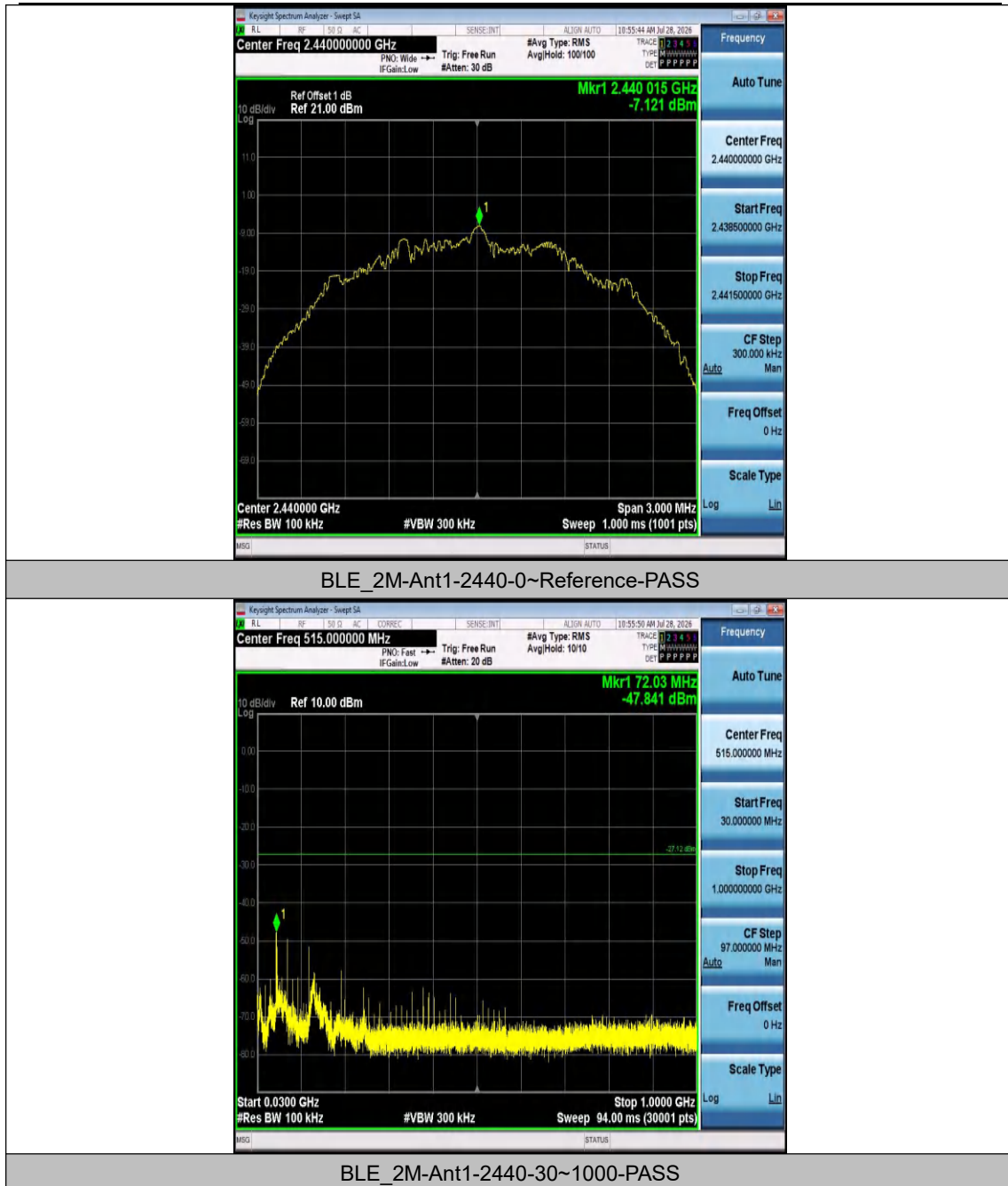
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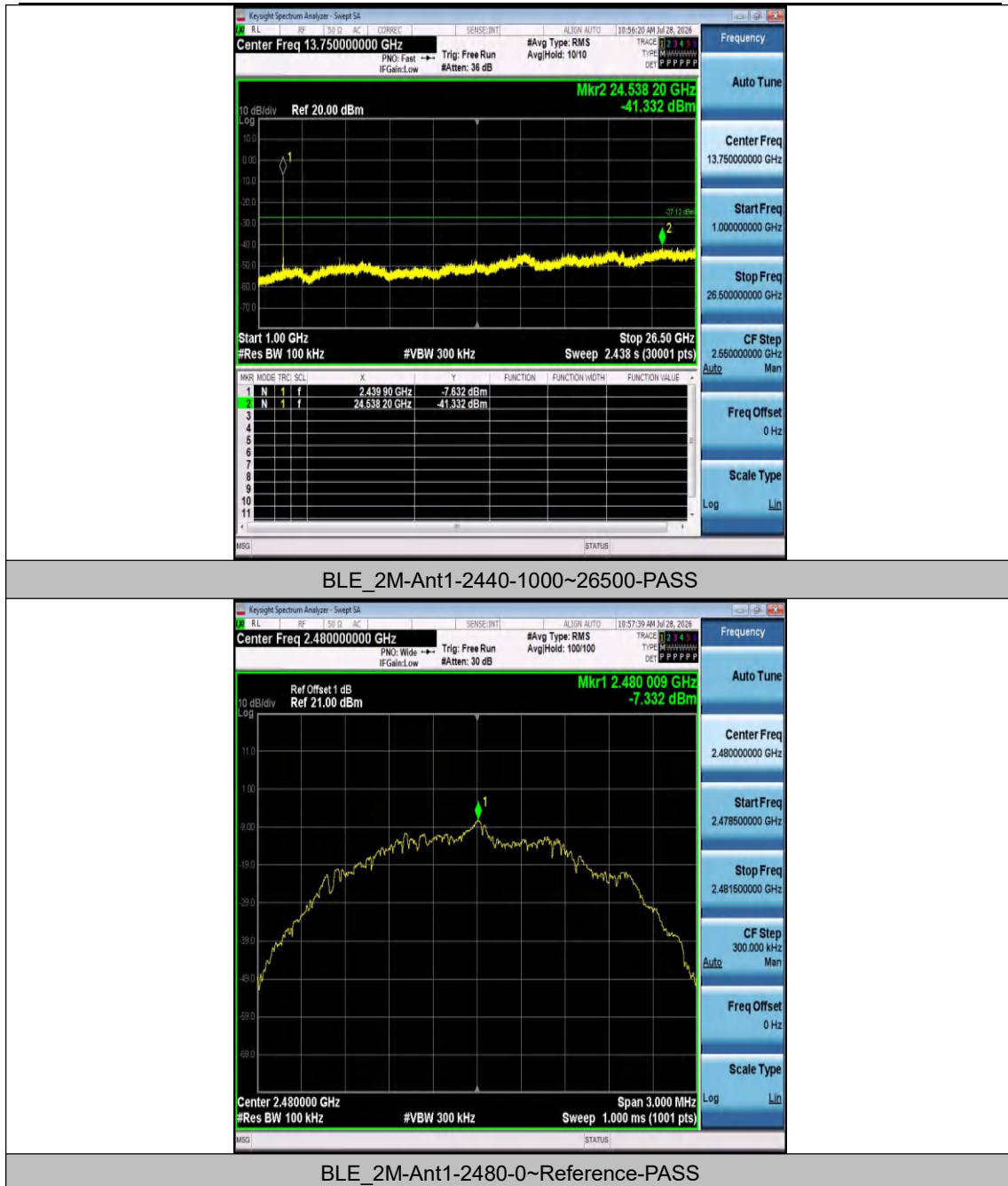
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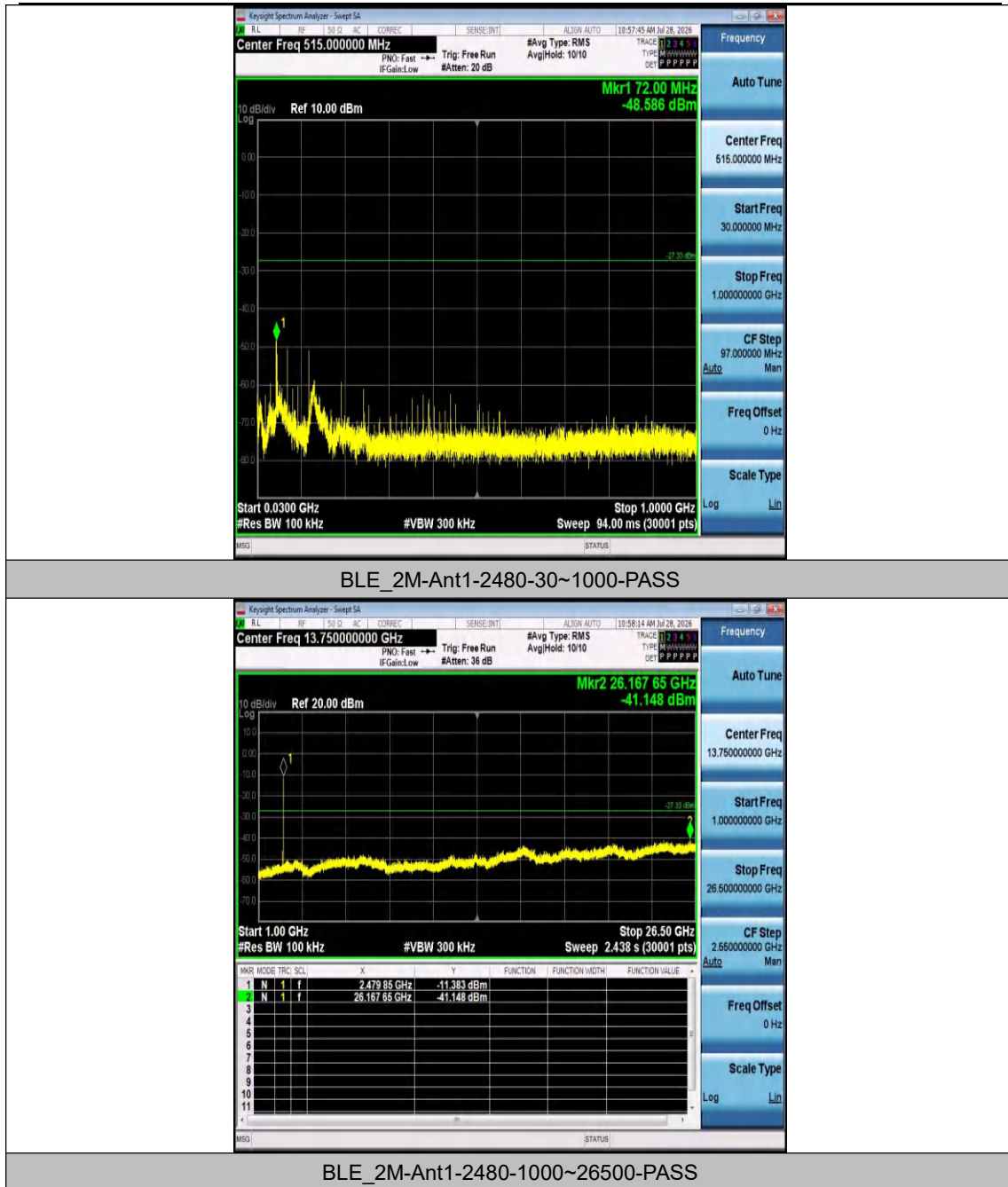
BLE_2M-Ant1-2440-1000~26500-PASS

BLE_2M-Ant1-2480-0~Reference-PASS

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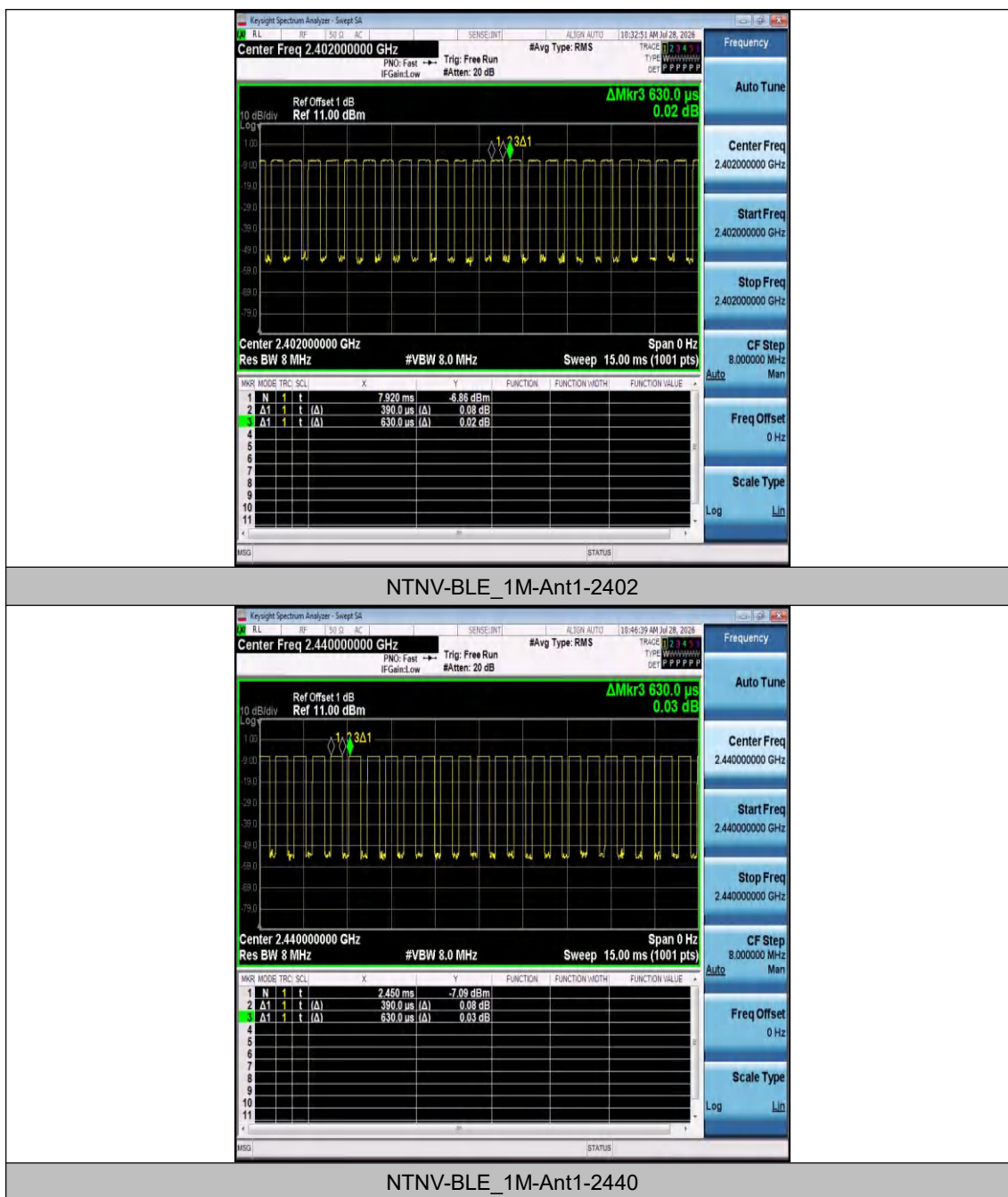
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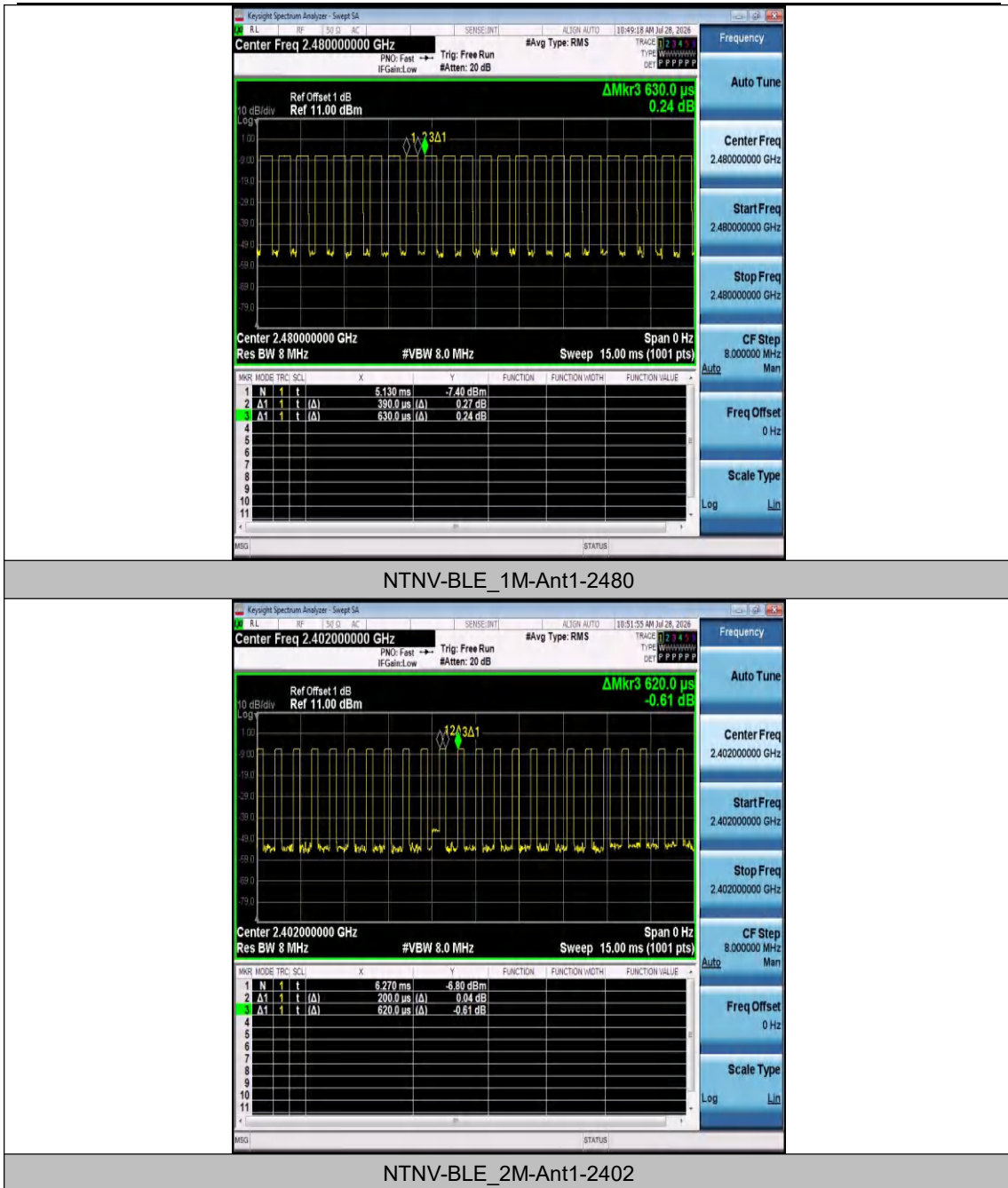
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2440	0.39	0.63	61.90	2.08
BLE_1M	Ant1	2480	0.39	0.63	61.90	2.08
BLE_2M	Ant1	2402	0.20	0.62	32.26	4.91
BLE_2M	Ant1	2440	0.21	0.63	33.33	4.77
BLE_2M	Ant1	2480	0.20	0.62	32.26	4.91

Test Graphs

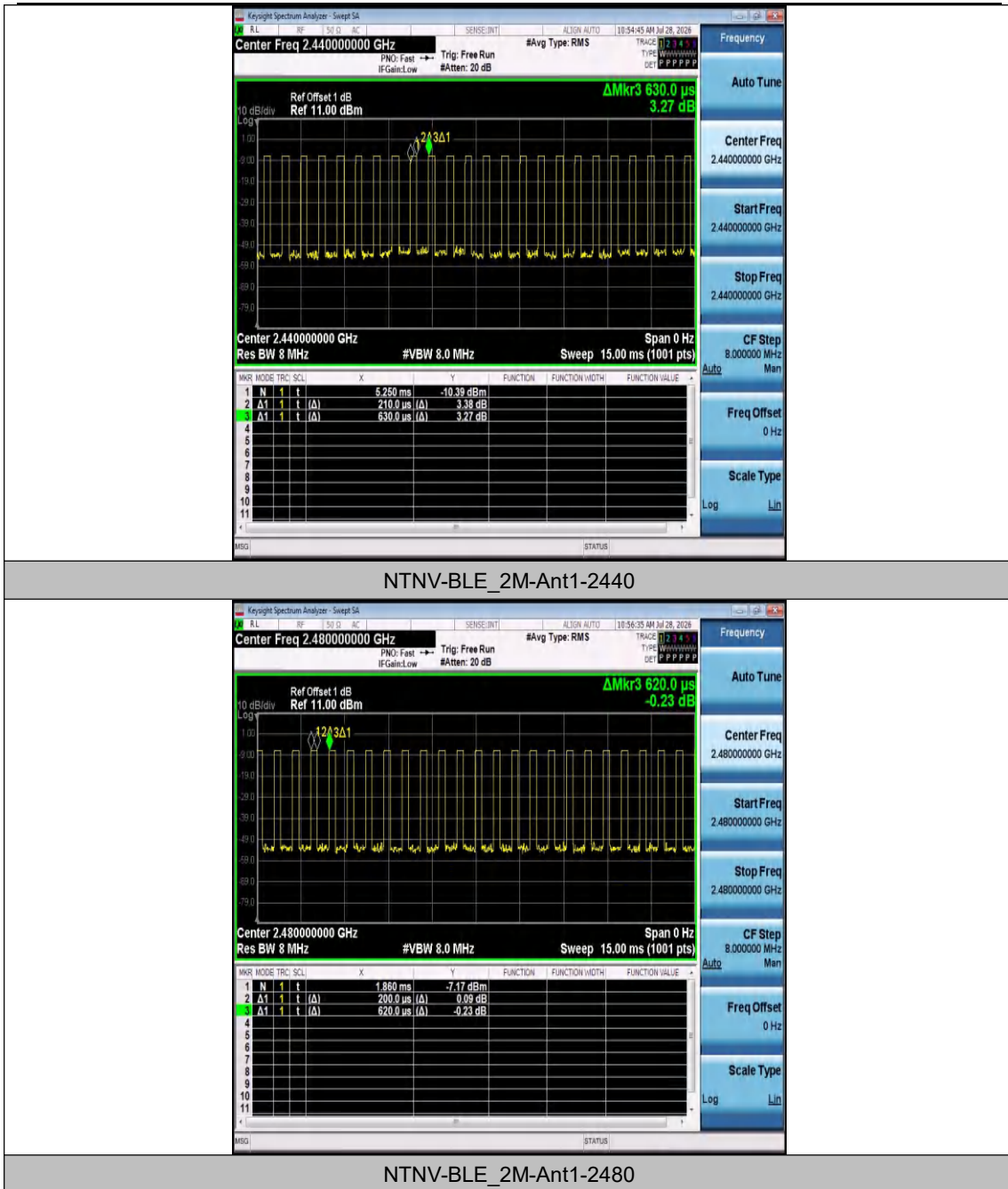




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