

Appendix Test Data

Report No.:	1812C60448212502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-13	Finish Test Date:	2026-8-25
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.8°C	Relative Humidity:	63%
Pressure:	99.6kPa		

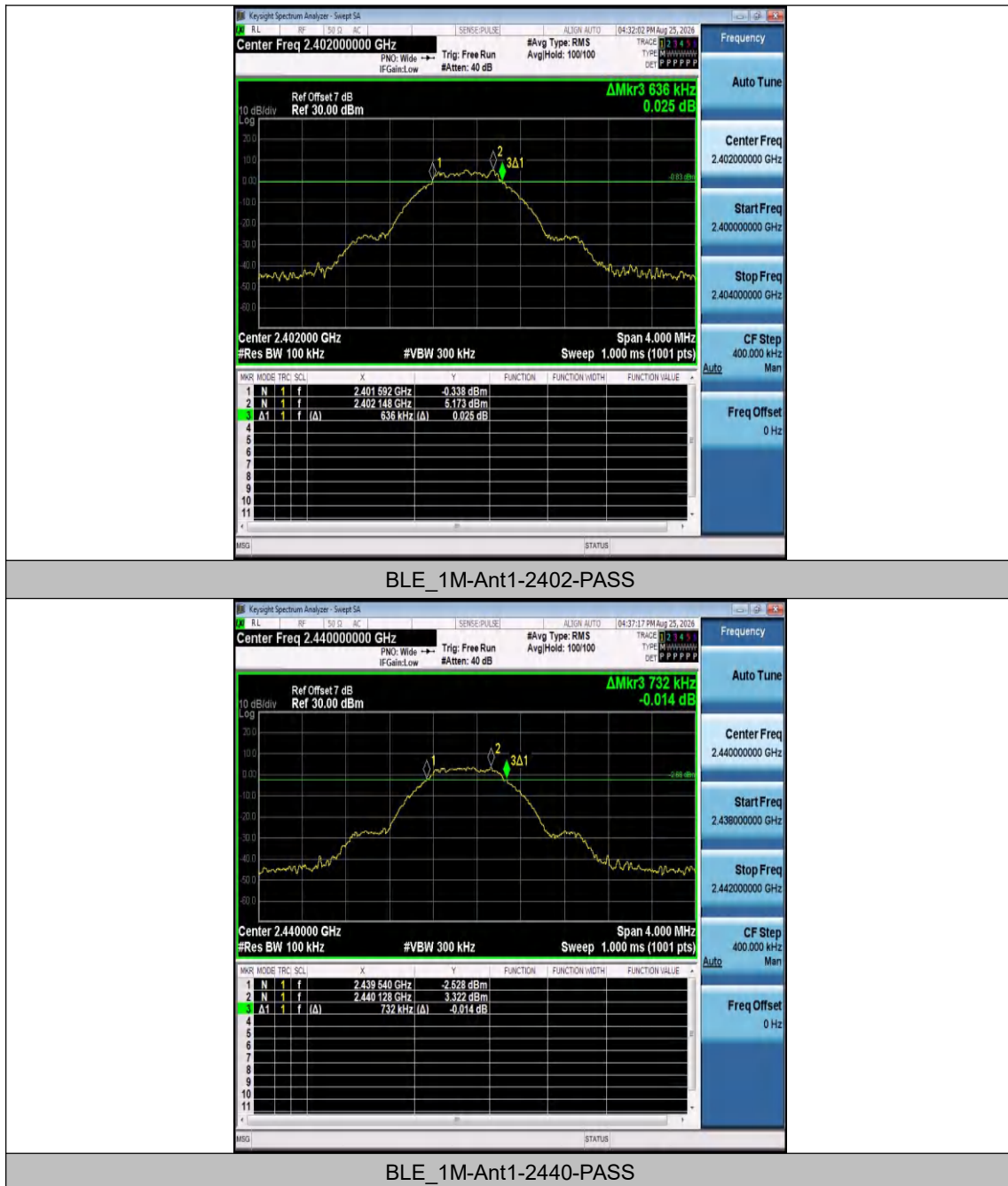


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.636	2401.592	2402.228	0.5	PASS
BLE_1M	Ant1	2440	0.732	2439.540	2440.272	0.5	PASS
BLE_1M	Ant1	2480	0.668	2479.568	2480.236	0.5	PASS
BLE_2M	Ant1	2402	1.232	2401.260	2402.492	0.5	PASS
BLE_2M	Ant1	2440	1.344	2439.236	2440.580	0.5	PASS
BLE_2M	Ant1	2480	1.252	2479.244	2480.496	0.5	PASS

Test Graphs



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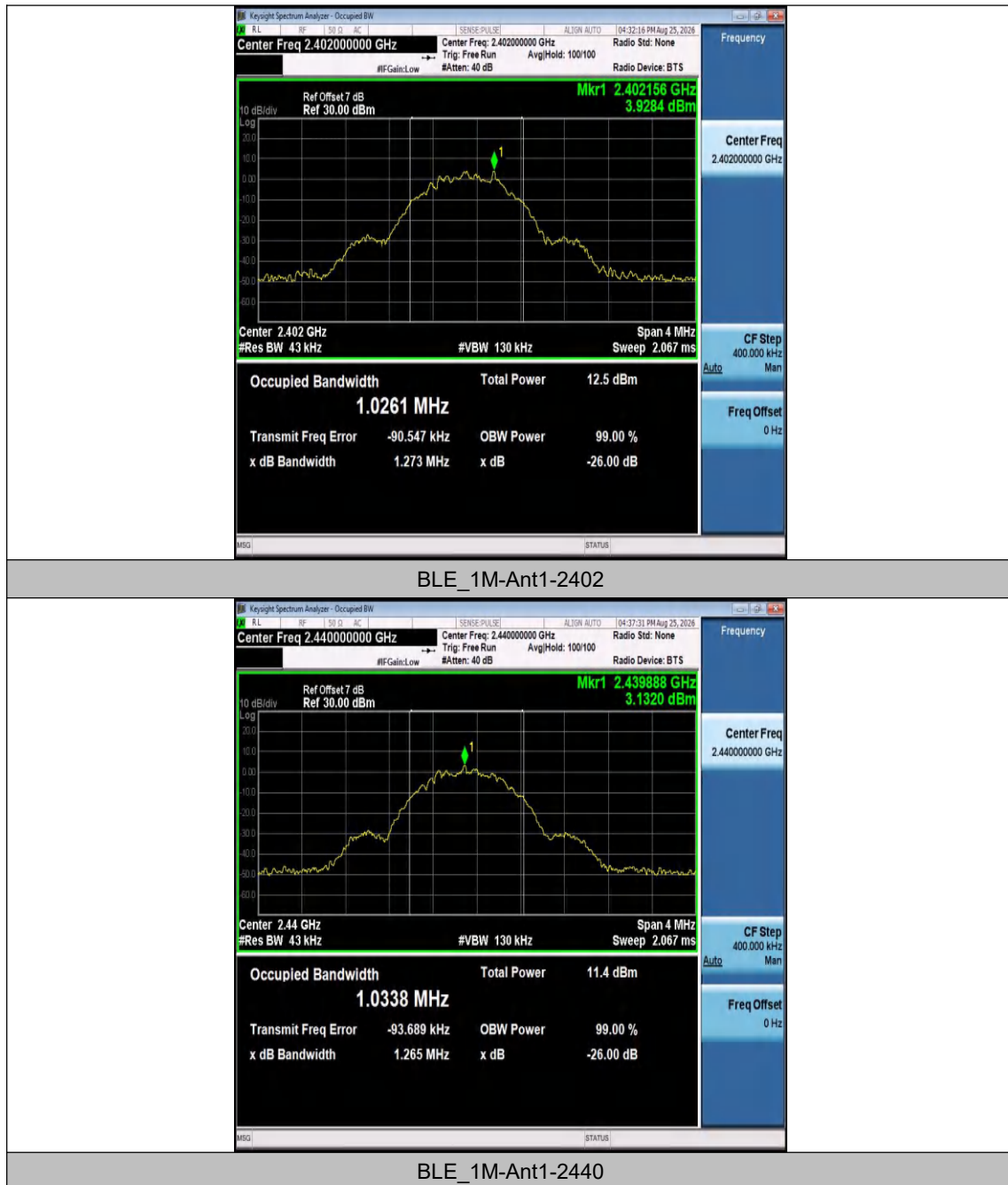


Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0261	2401.3964	2402.4225	---	---
BLE_1M	Ant1	2440	1.0338	2439.3894	2440.4232	---	---
BLE_1M	Ant1	2480	1.0323	2479.3891	2480.4214	---	---
BLE_2M	Ant1	2402	2.0595	2400.8989	2402.9584	---	---
BLE_2M	Ant1	2440	2.0552	2438.8980	2440.9532	---	---
BLE_2M	Ant1	2480	2.0536	2478.8980	2480.9516	---	---

Test Graphs



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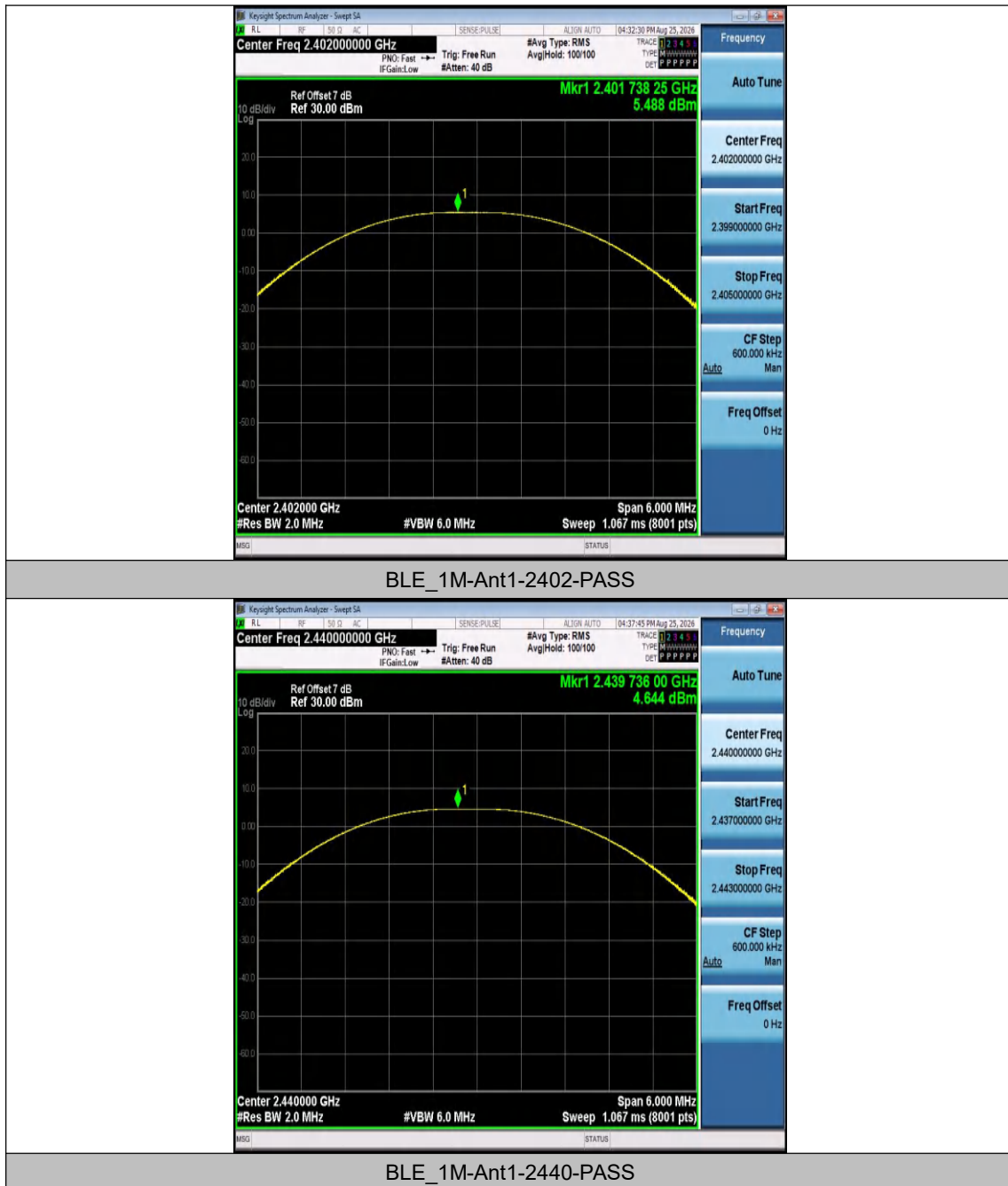
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	5.49	≤30	PASS
BLE_1M	Ant1	2440	4.64	≤30	PASS
BLE_1M	Ant1	2480	3.50	≤30	PASS
BLE_2M	Ant1	2402	5.49	≤30	PASS
BLE_2M	Ant1	2440	4.73	≤30	PASS
BLE_2M	Ant1	2480	3.57	≤30	PASS

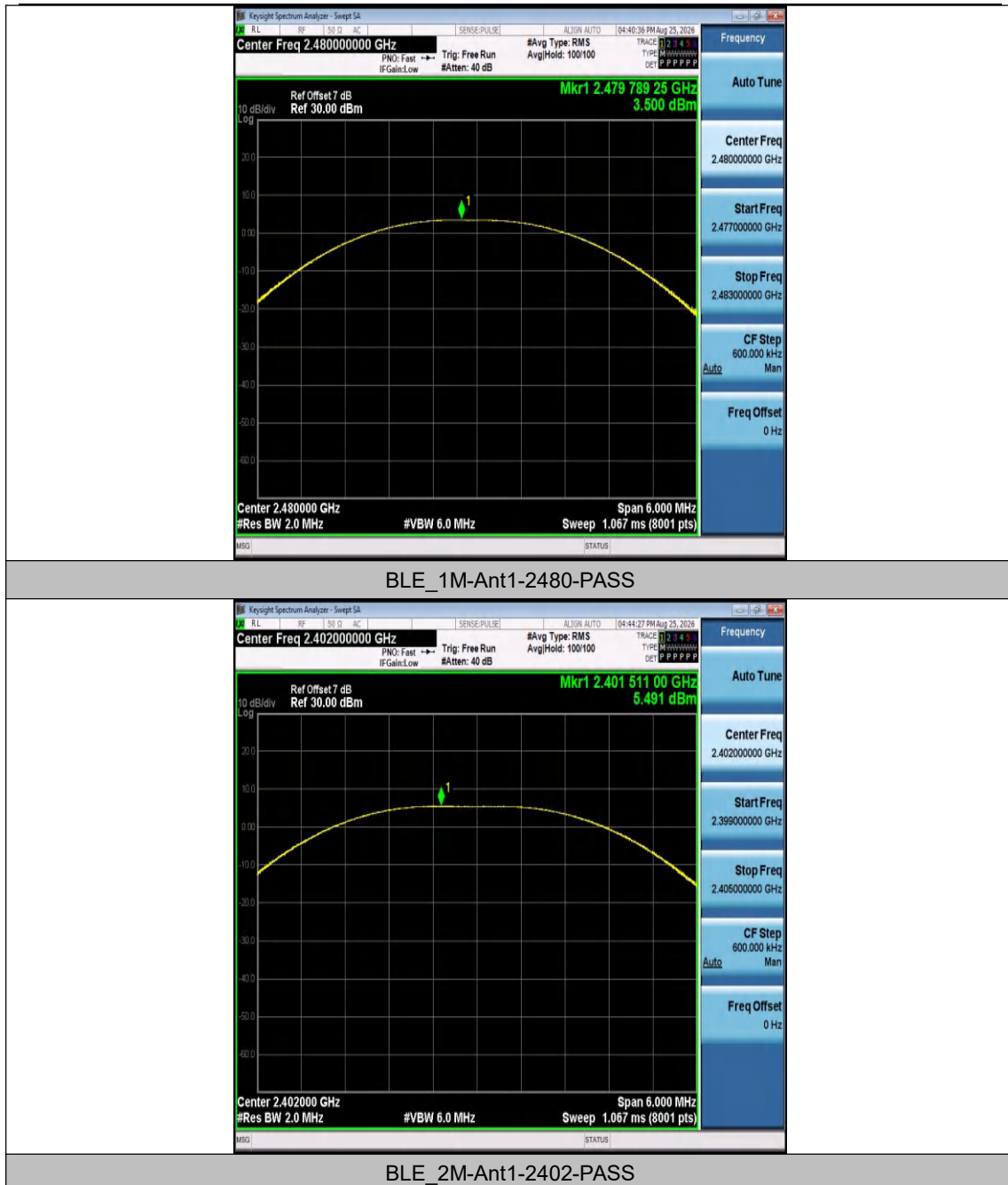
Test Graphs Peak



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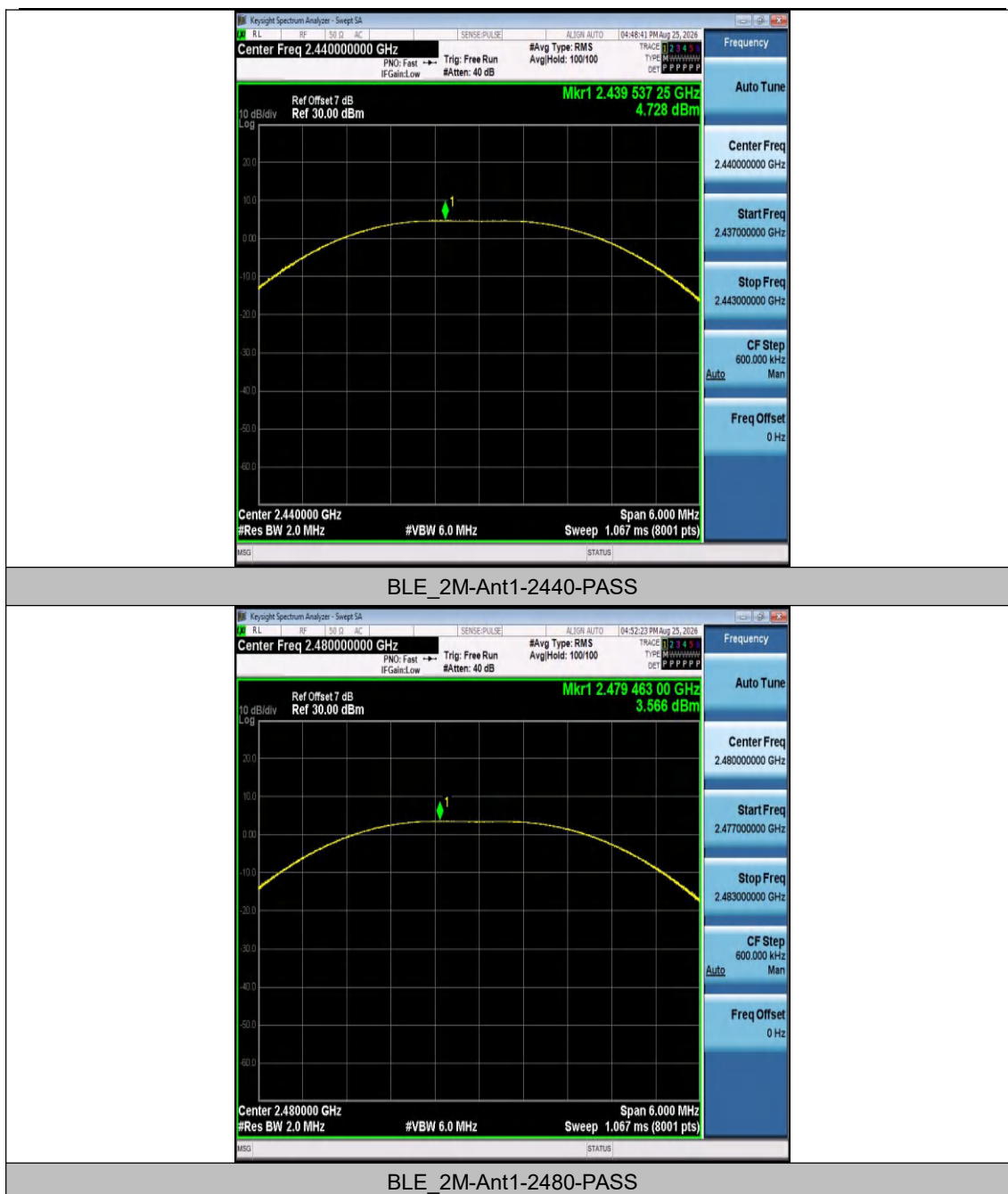
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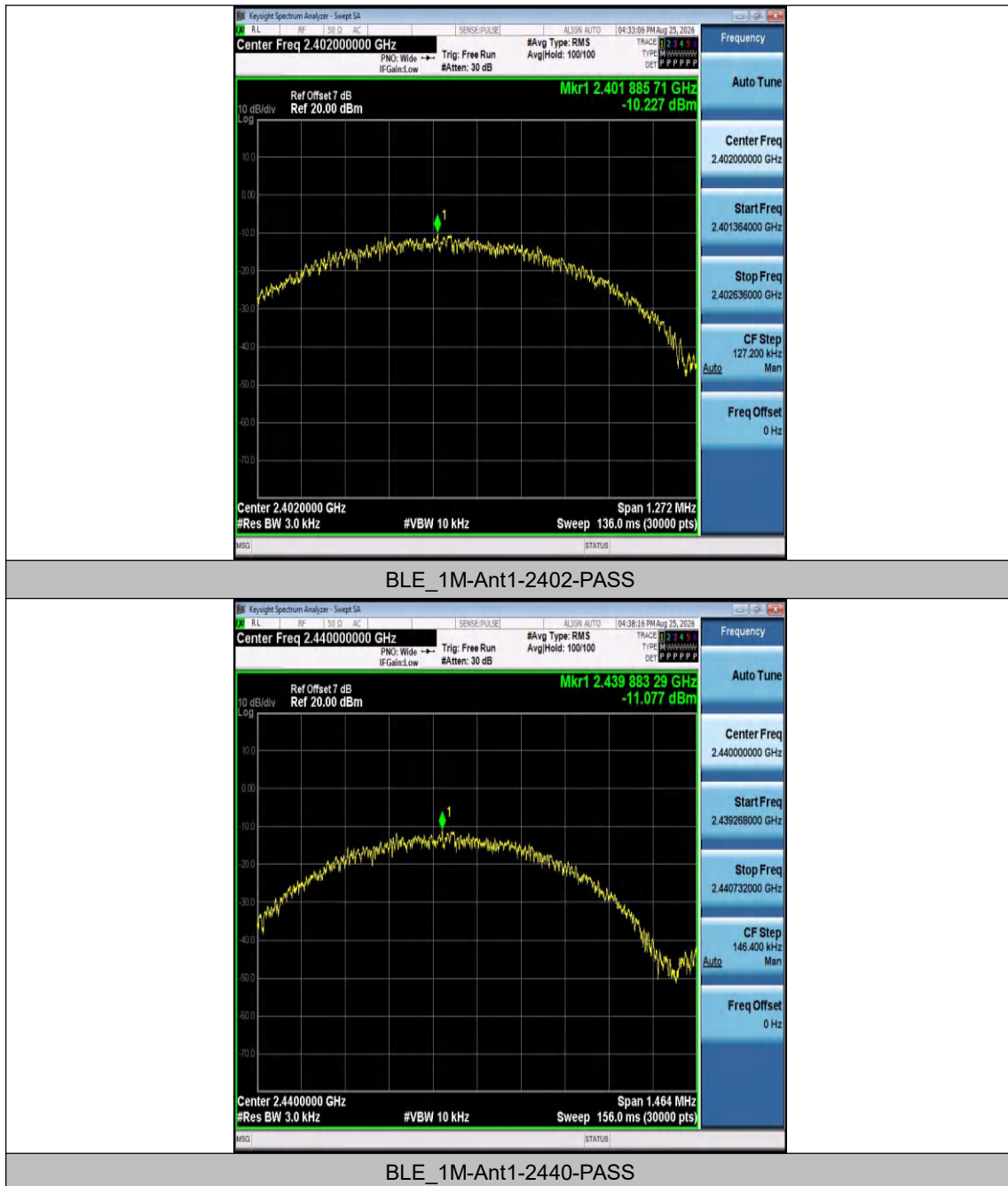


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.23	≤8.00	PASS
BLE_1M	Ant1	2440	-11.08	≤8.00	PASS
BLE_1M	Ant1	2480	-12.17	≤8.00	PASS
BLE_2M	Ant1	2402	-12.58	≤8.00	PASS
BLE_2M	Ant1	2440	-13.54	≤8.00	PASS
BLE_2M	Ant1	2480	-14.75	≤8.00	PASS

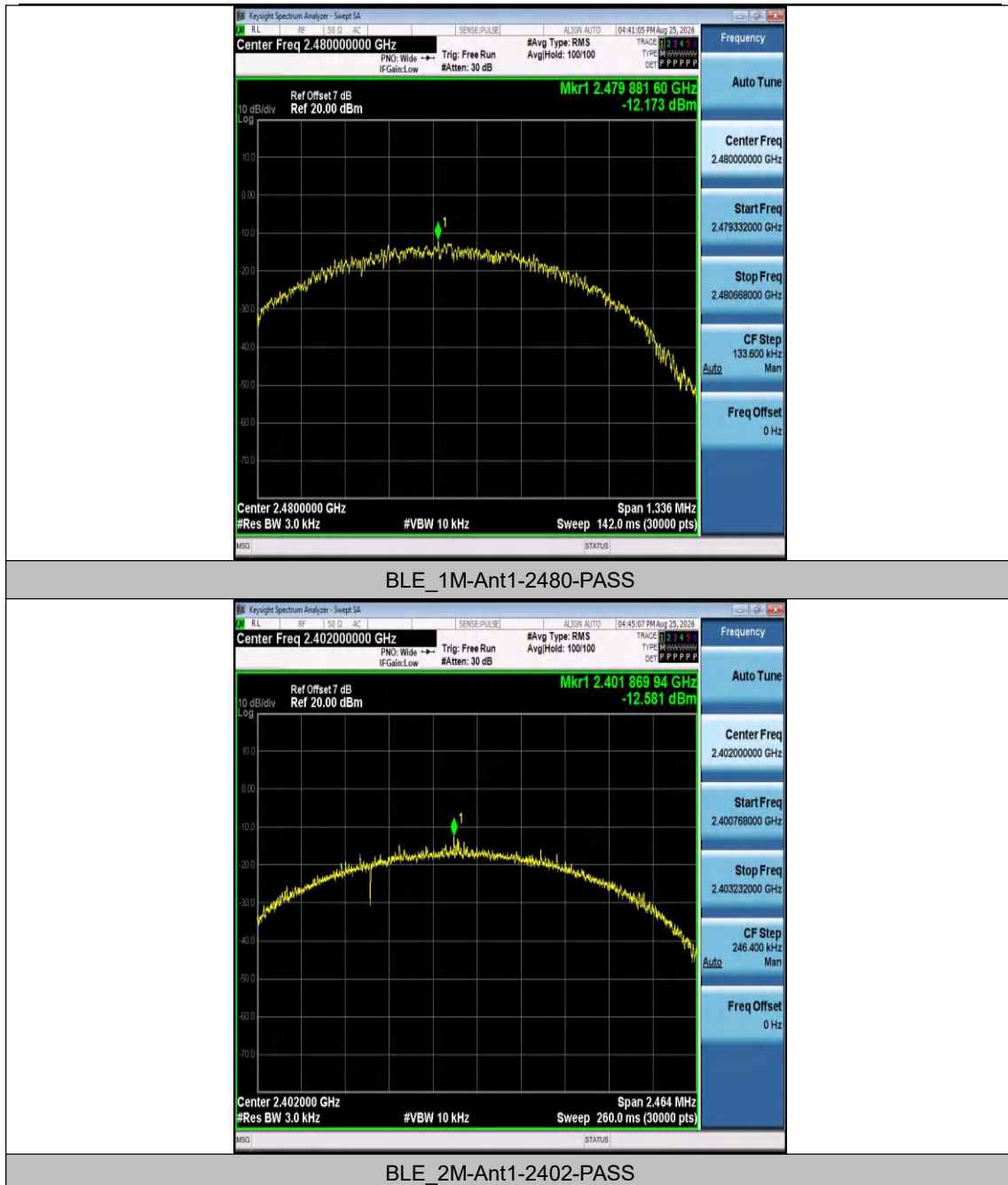
Test Graphs



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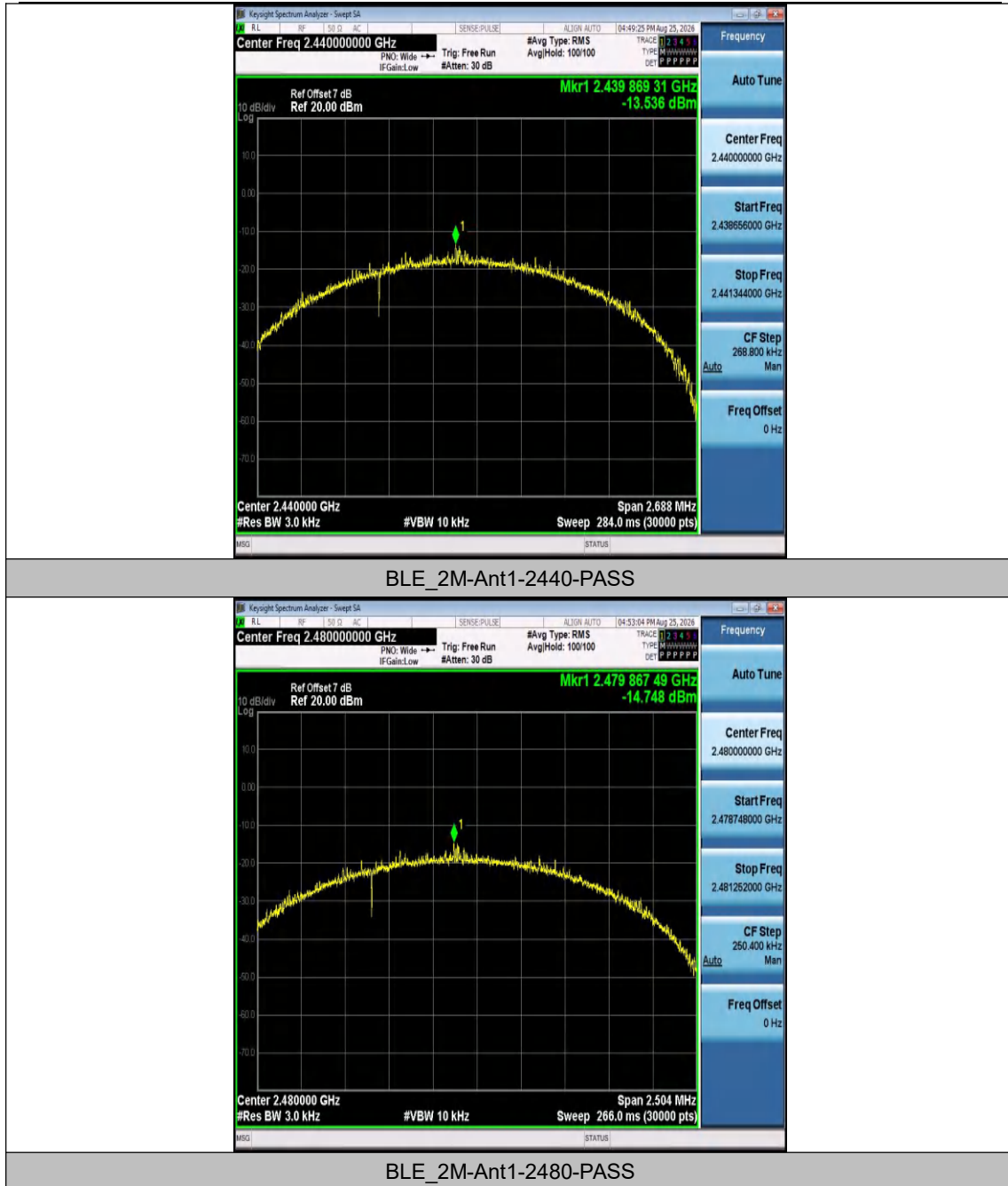
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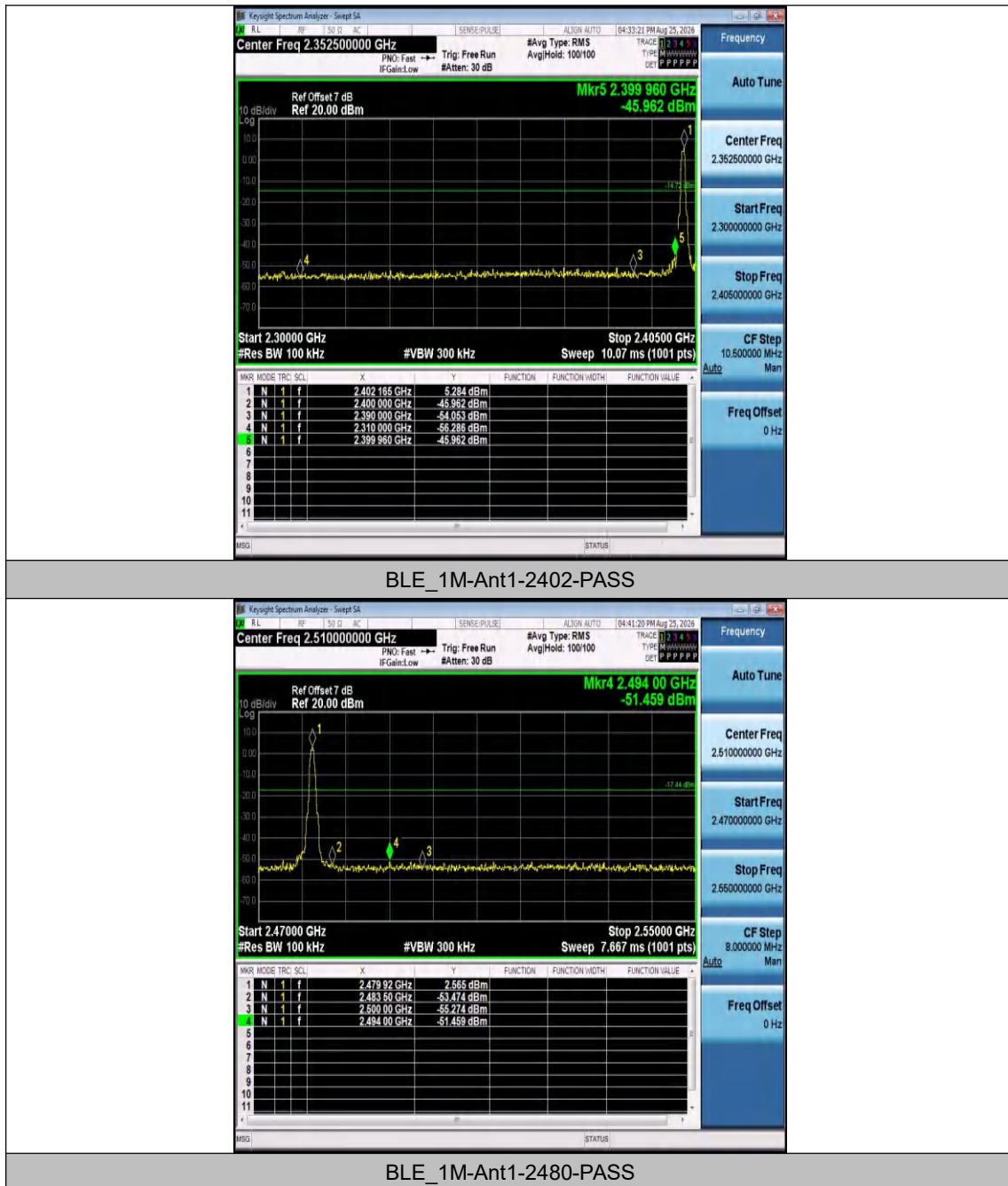
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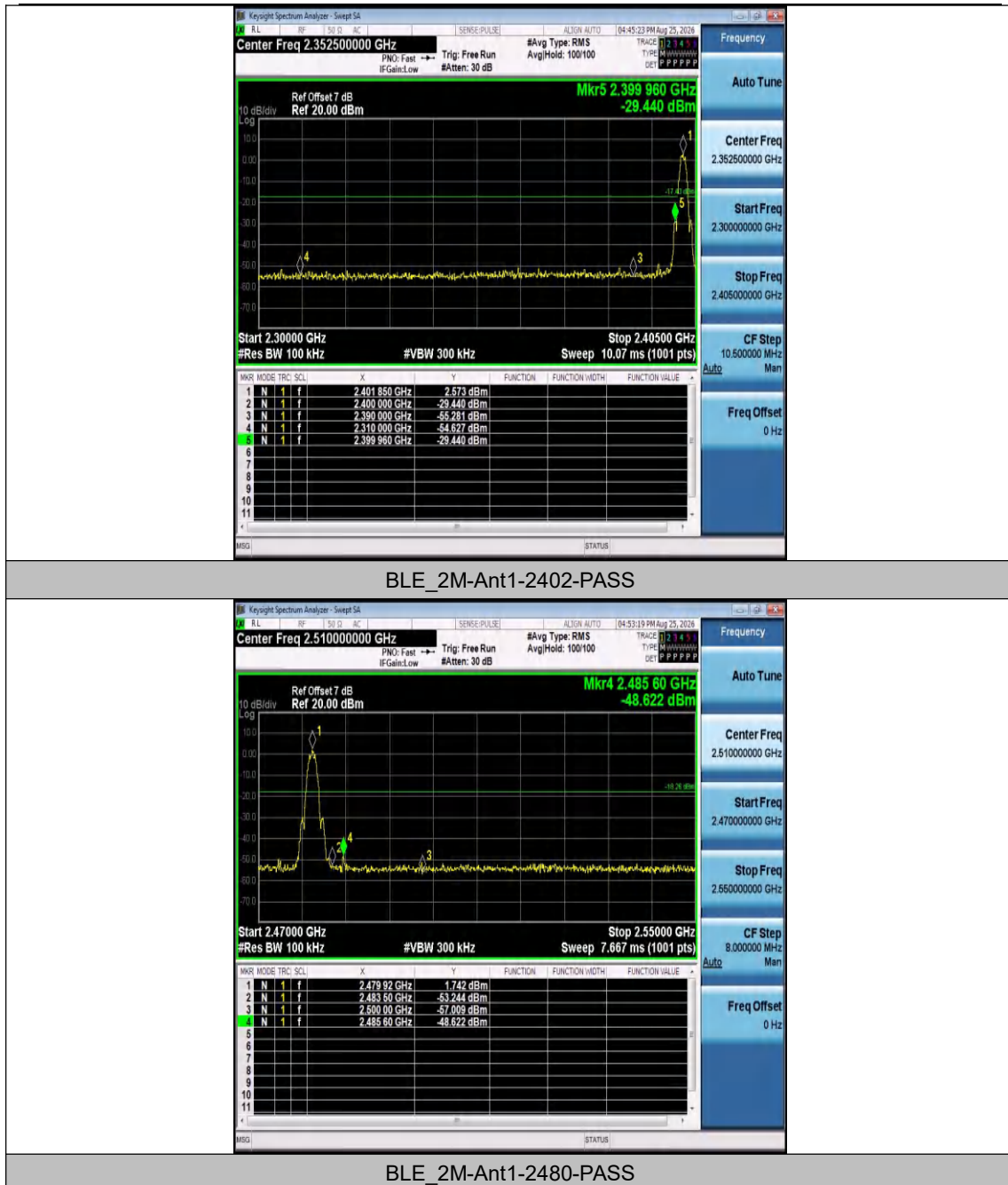
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	5.28	-45.96	≤-14.72	PASS
BLE_1M	Ant1	High	2480	2.57	-51.46	≤-17.44	PASS
BLE_2M	Ant1	Low	2402	2.57	-29.44	≤-17.43	PASS
BLE_2M	Ant1	High	2480	1.74	-48.62	≤-18.26	PASS

Test Graphs





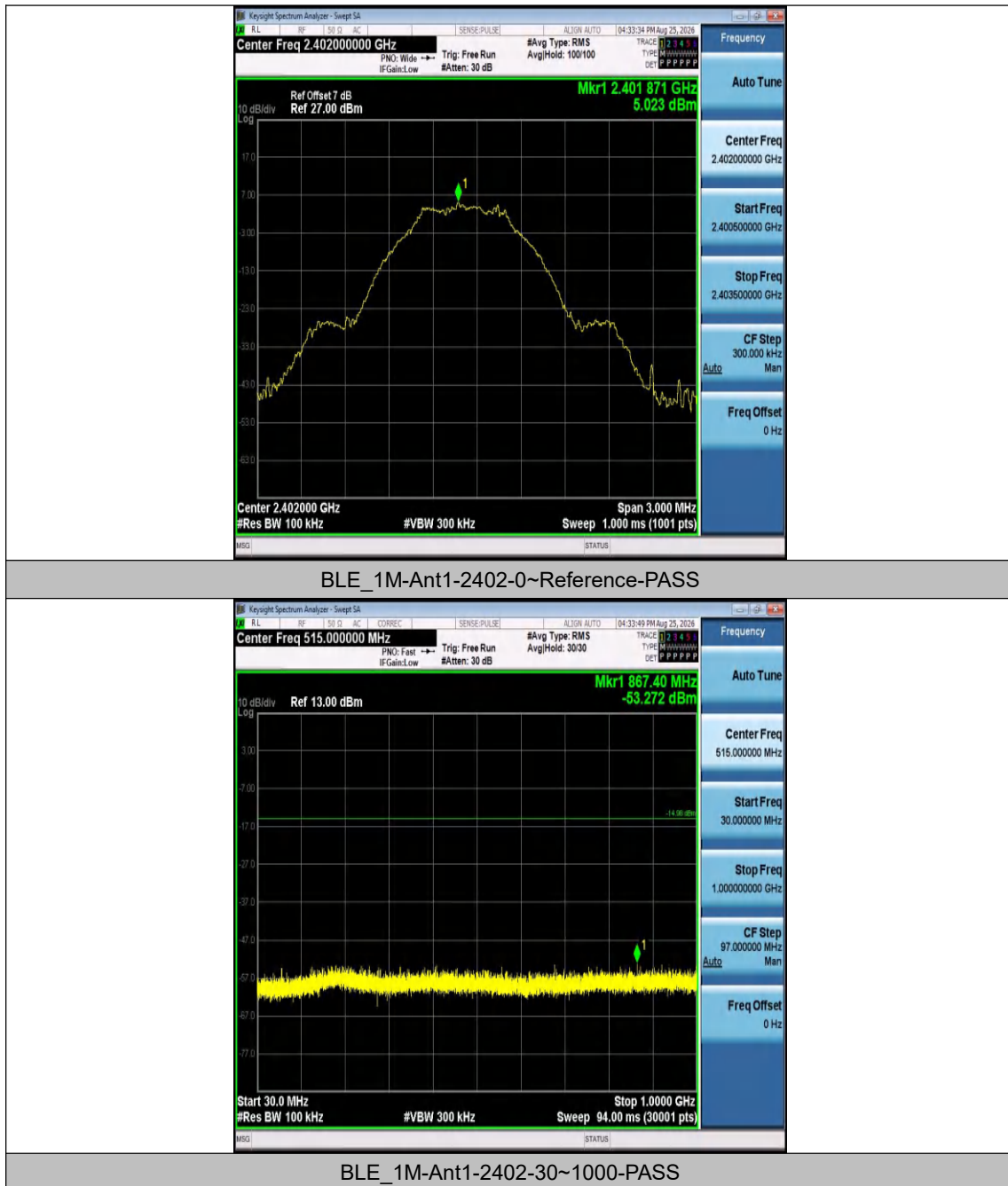
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	5.02	5.02	---	PASS
BLE_1M	Ant1	2402	30~1000	5.02	-53.27	≤-14.98	PASS
BLE_1M	Ant1	2402	1000~26500	5.02	-37.44	≤-14.98	PASS
BLE_1M	Ant1	2440	0~Reference	4.22	4.22	---	PASS
BLE_1M	Ant1	2440	30~1000	4.22	-52.59	≤-15.78	PASS
BLE_1M	Ant1	2440	1000~26500	4.22	-34.48	≤-15.78	PASS
BLE_1M	Ant1	2480	0~Reference	3.10	3.10	---	PASS
BLE_1M	Ant1	2480	30~1000	3.10	-52.69	≤-16.9	PASS
BLE_1M	Ant1	2480	1000~26500	3.10	-34.65	≤-16.9	PASS
BLE_2M	Ant1	2402	0~Reference	3.96	3.96	---	PASS
BLE_2M	Ant1	2402	30~1000	3.96	-53.01	≤-16.04	PASS
BLE_2M	Ant1	2402	1000~26500	3.96	-37.02	≤-16.04	PASS
BLE_2M	Ant1	2440	0~Reference	4.12	4.12	---	PASS
BLE_2M	Ant1	2440	30~1000	4.12	-52.53	≤-15.88	PASS
BLE_2M	Ant1	2440	1000~26500	4.12	-34.95	≤-15.88	PASS
BLE_2M	Ant1	2480	0~Reference	1.41	1.41	---	PASS
BLE_2M	Ant1	2480	30~1000	1.41	-32.19	≤-18.59	PASS
BLE_2M	Ant1	2480	1000~26500	1.41	-34.69	≤-18.59	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.

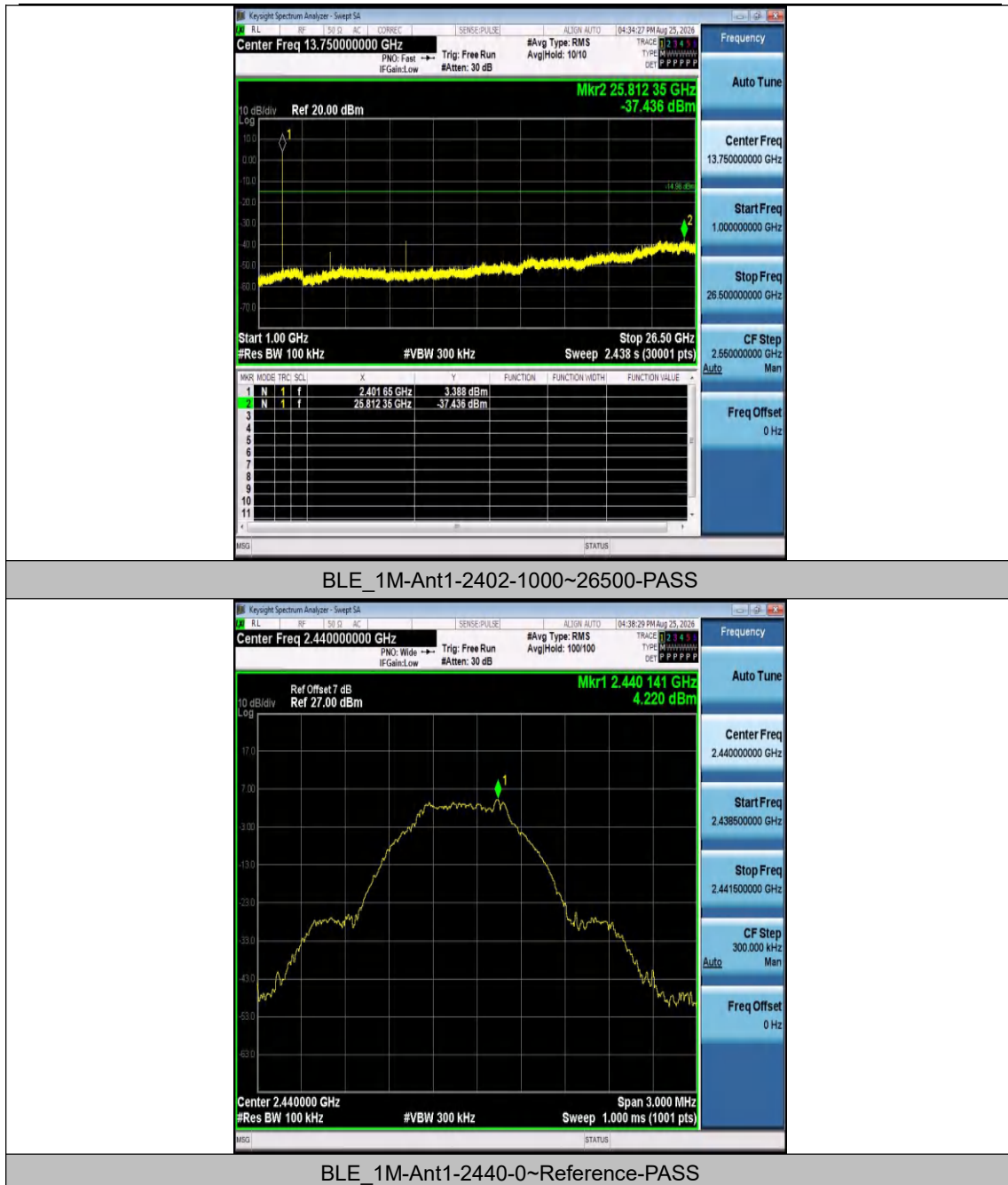
Test Graphs

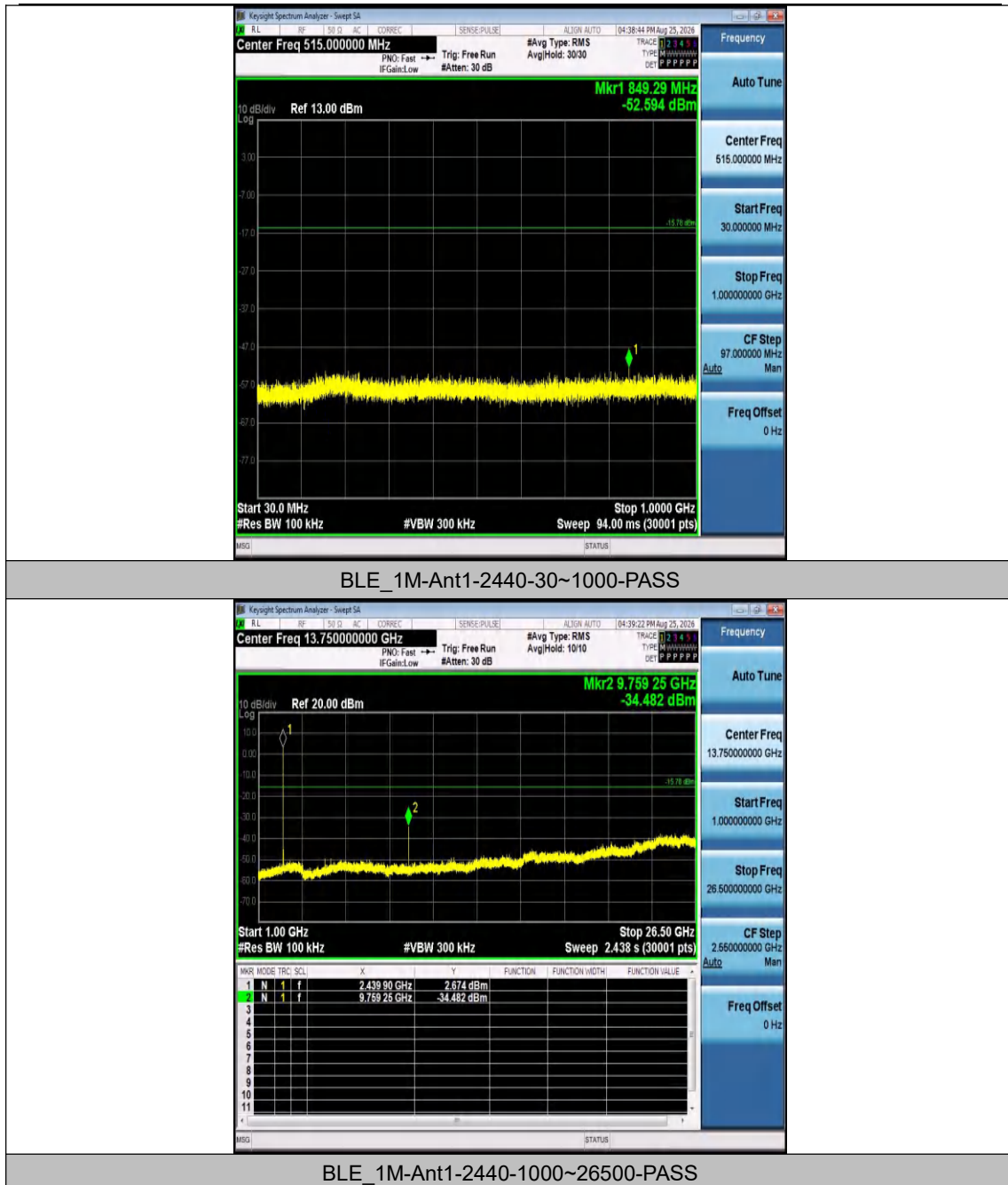


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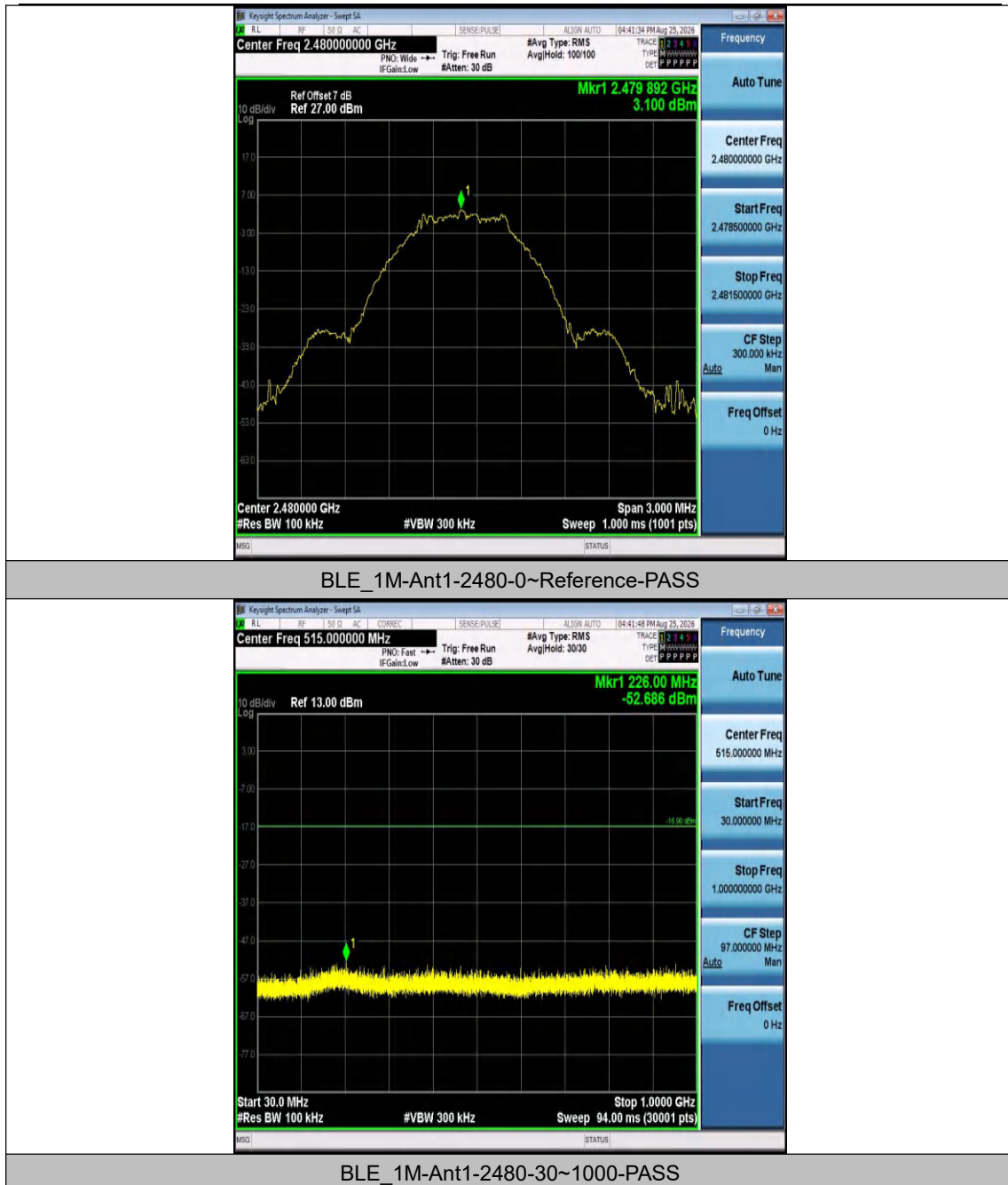




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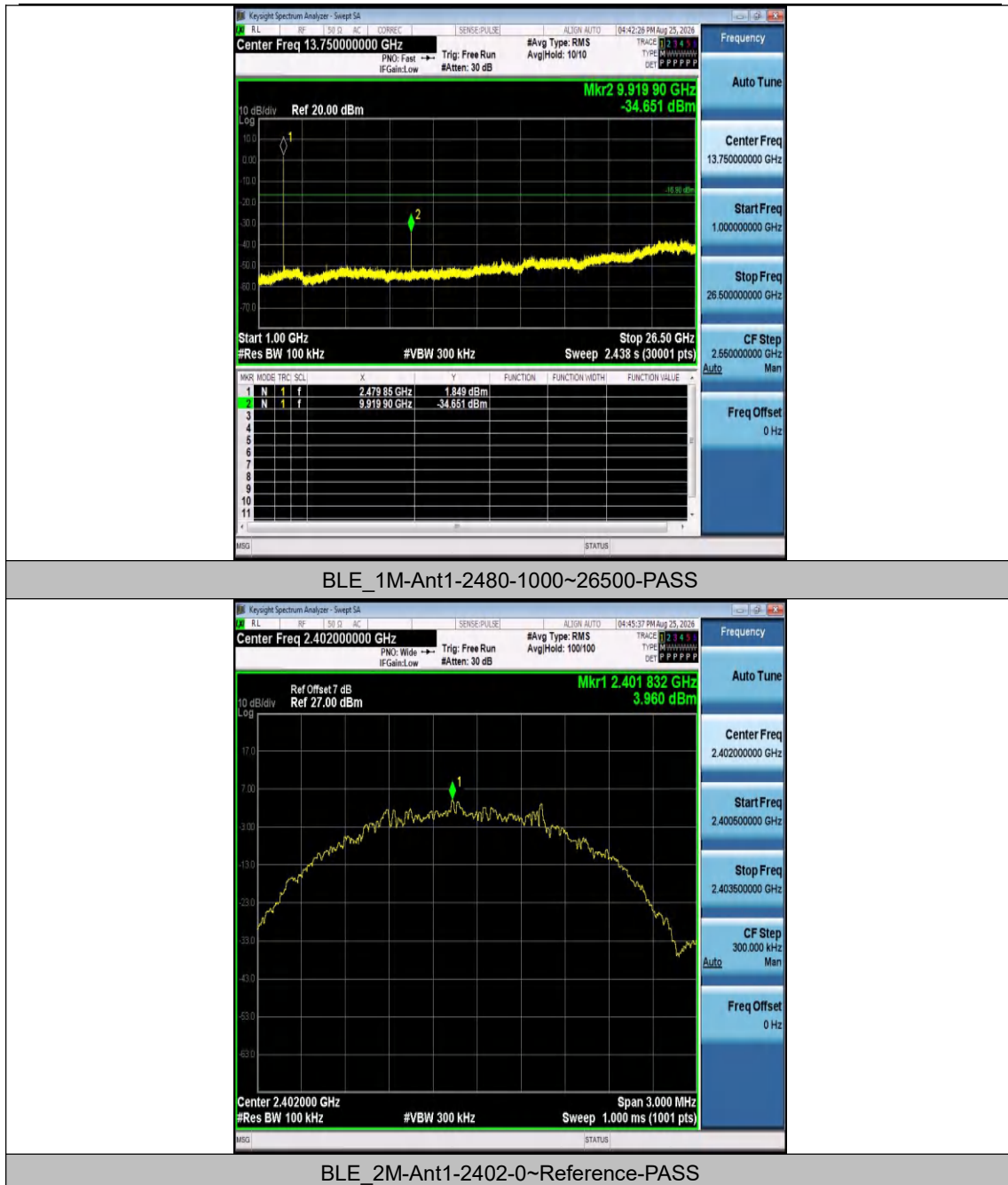
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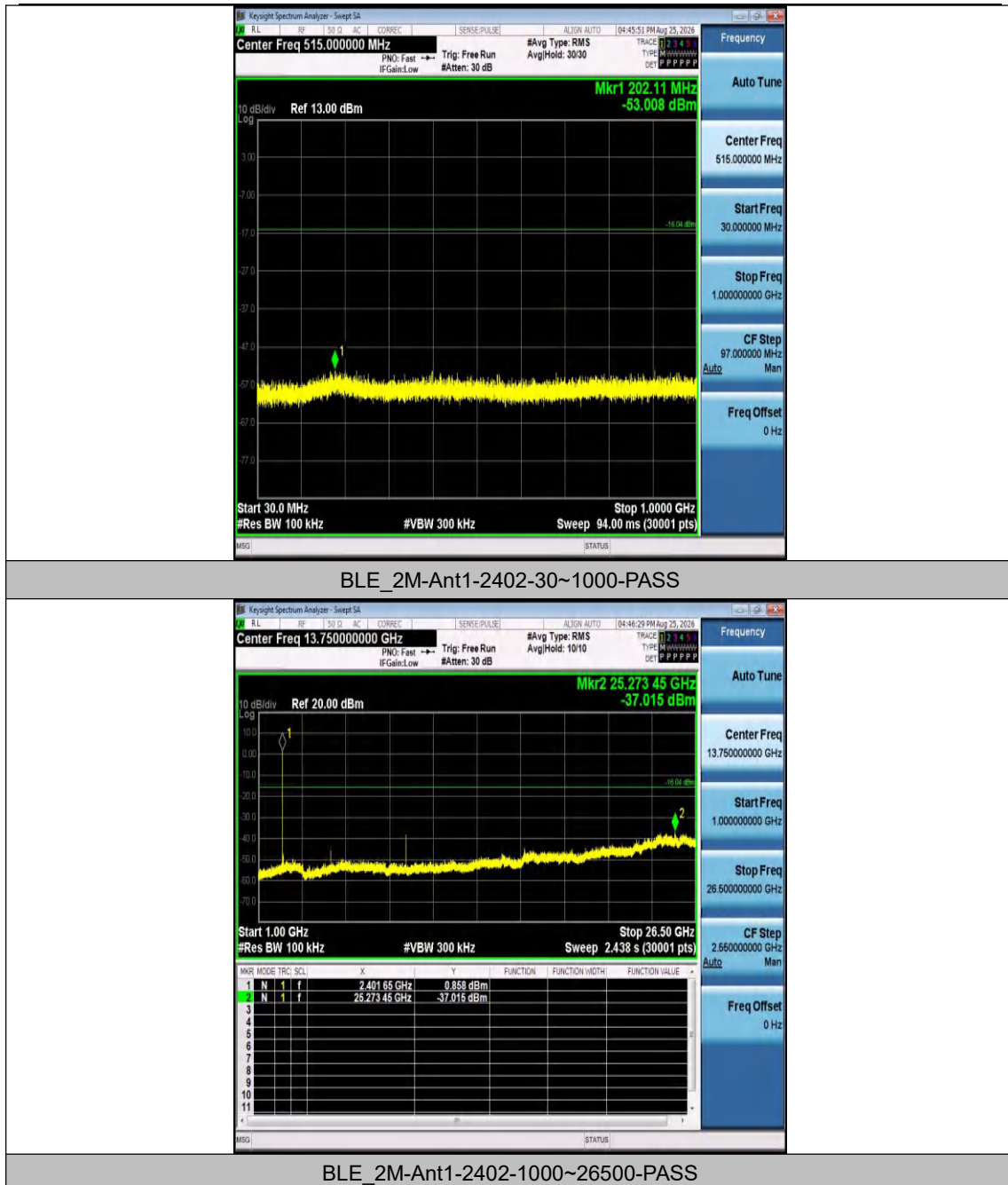
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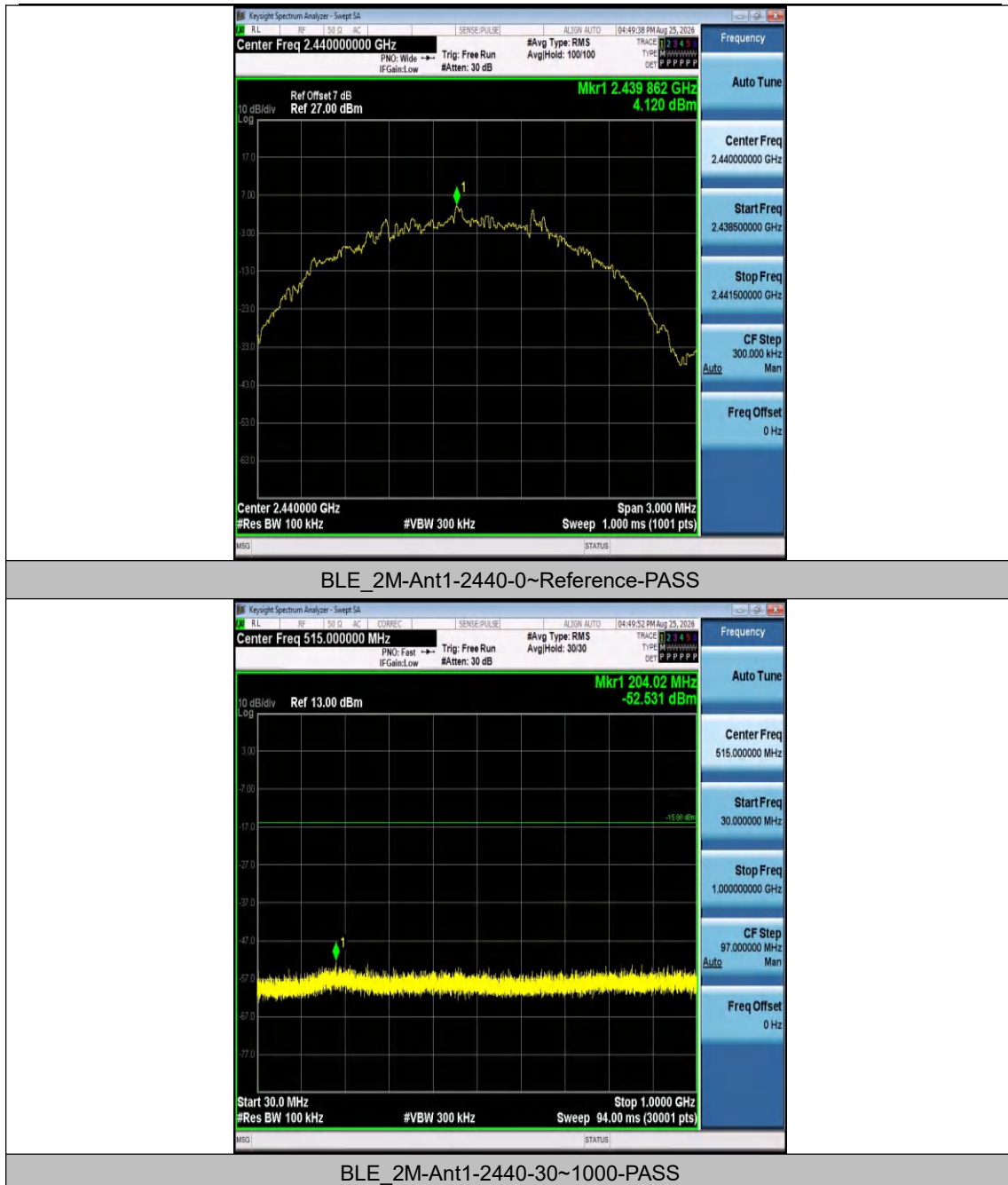


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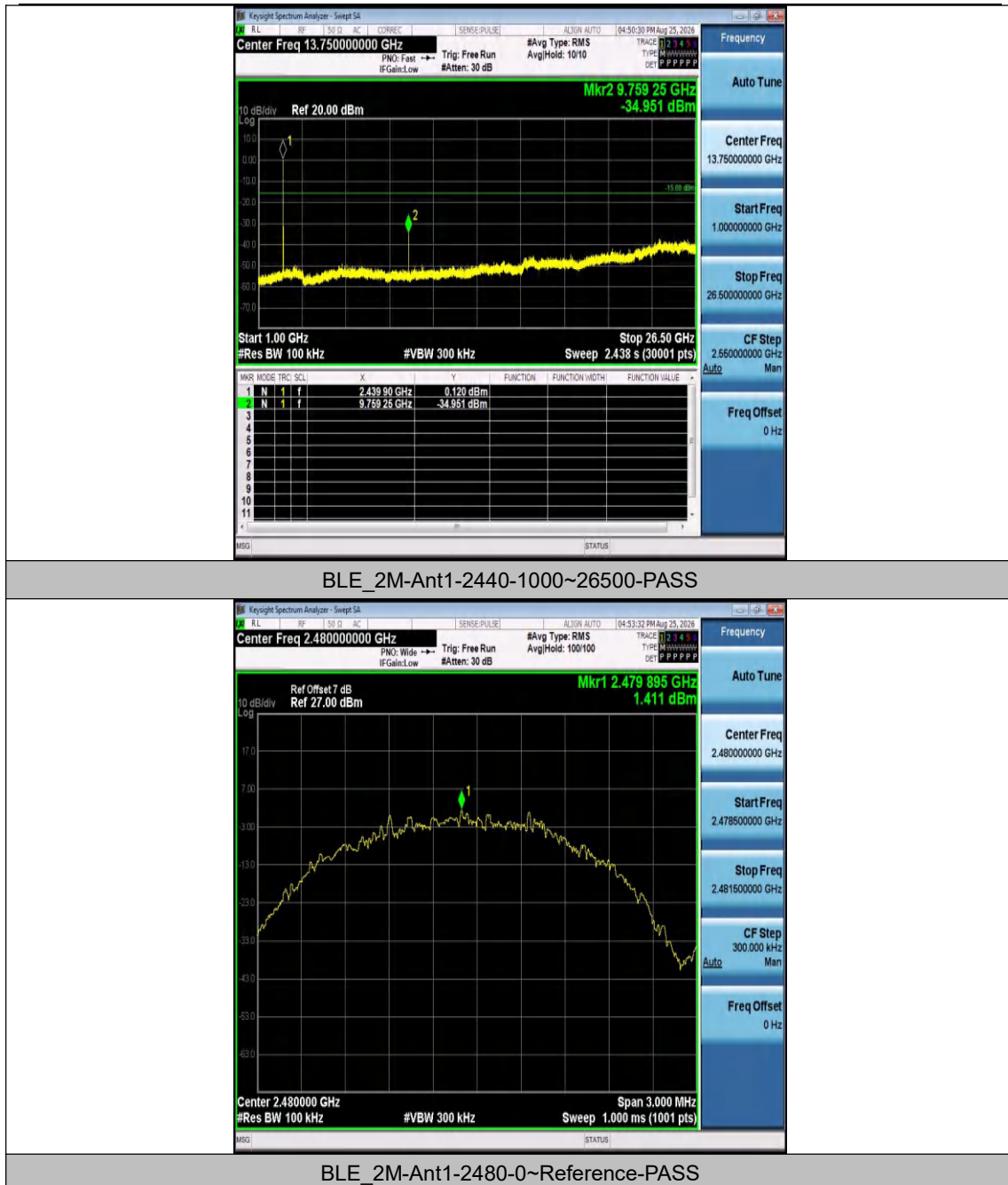


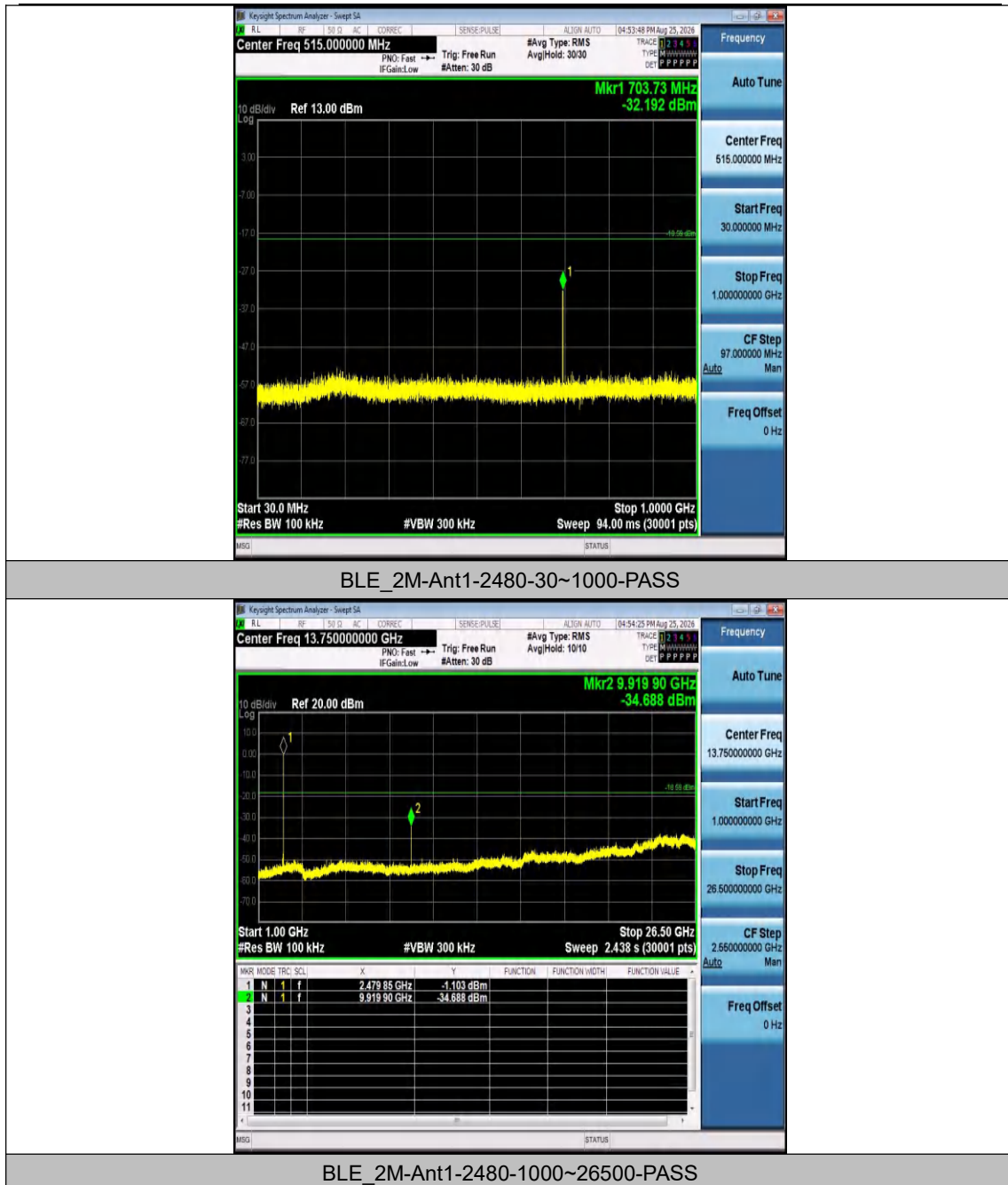


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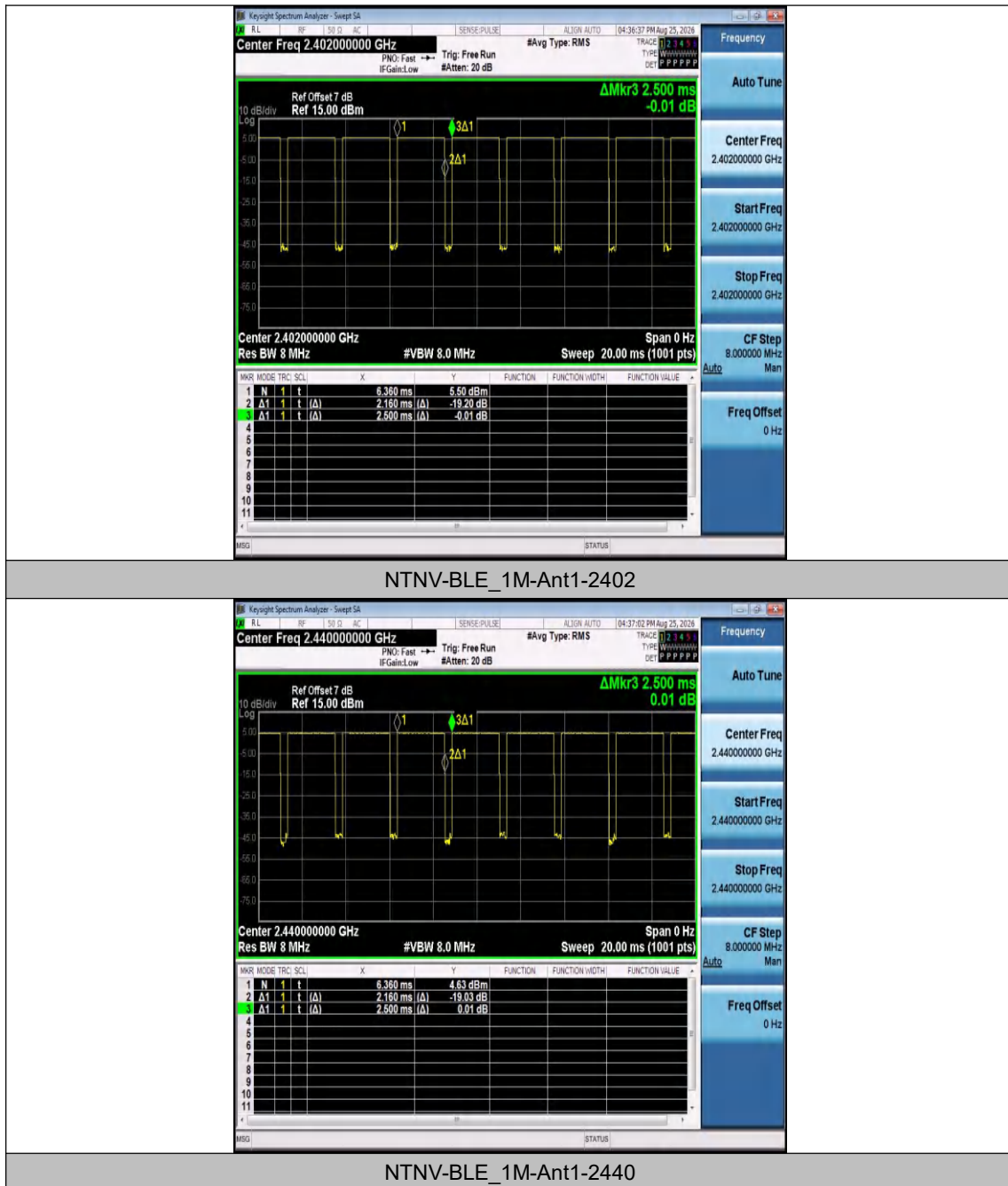
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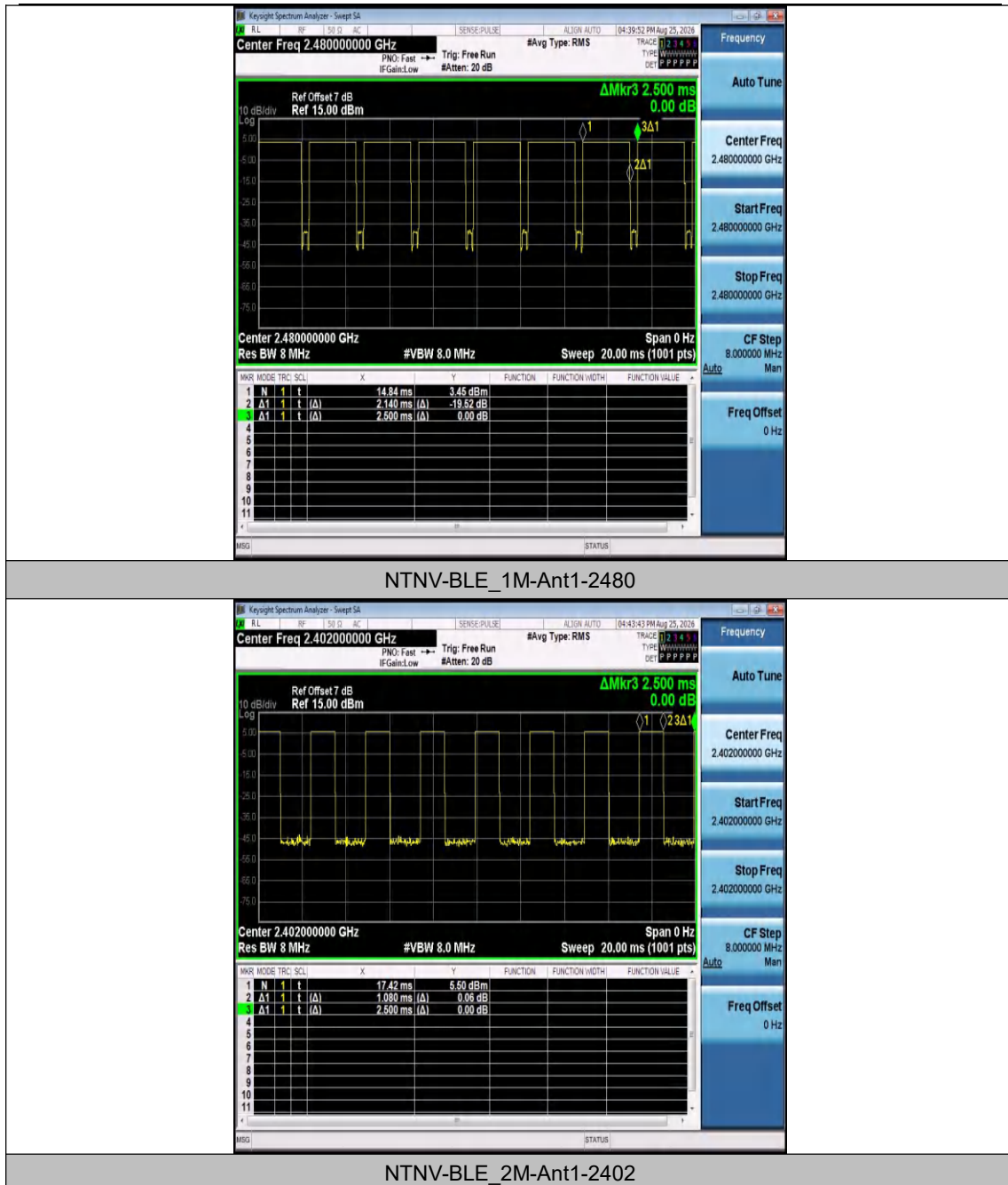
Appendix G: Duty Cycle

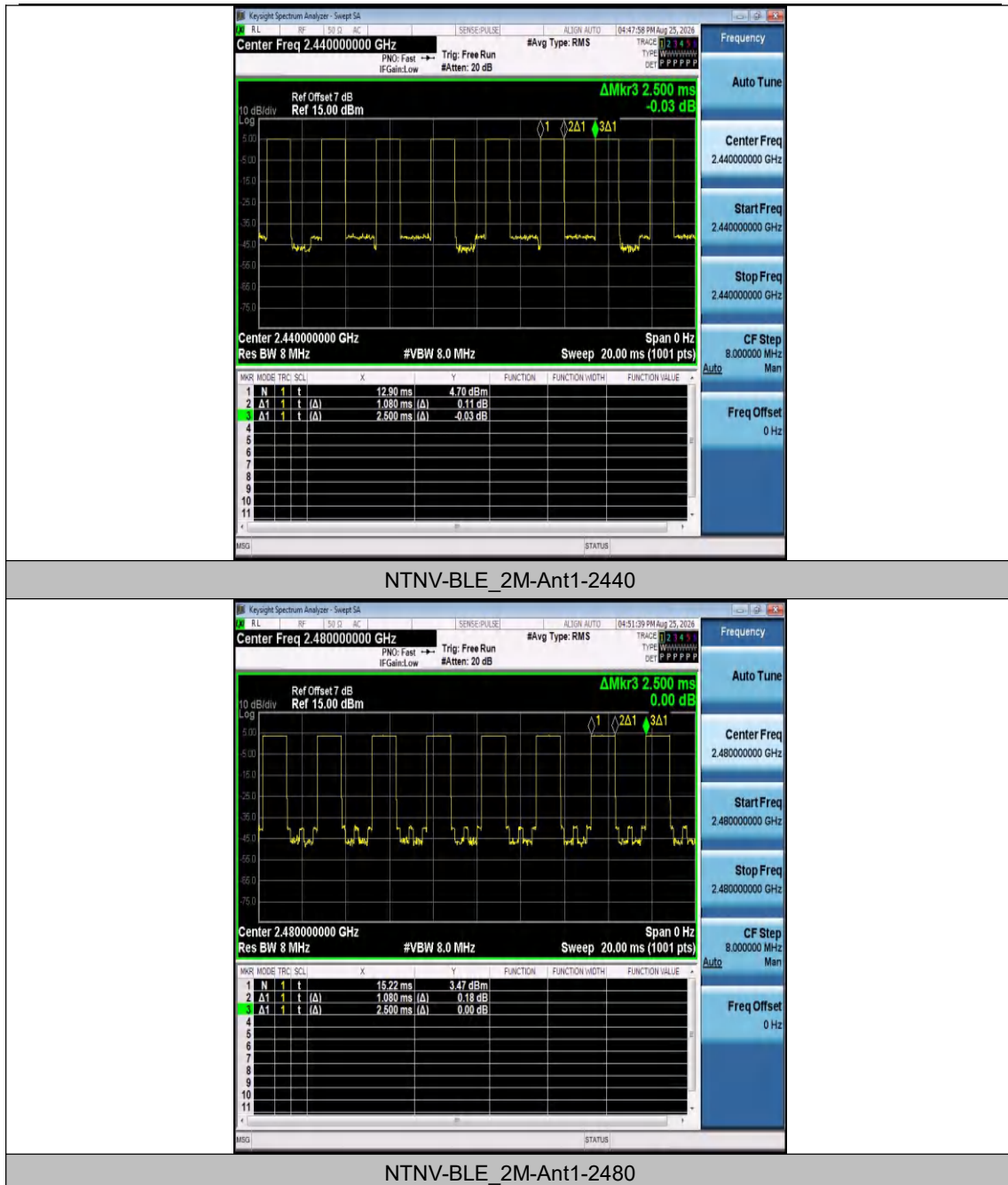
Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.16	2.50	86.40	0.63
BLE_1M	Ant1	2440	2.16	2.50	86.40	0.63
BLE_1M	Ant1	2480	2.14	2.50	85.60	0.68
BLE_2M	Ant1	2402	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2440	1.08	2.50	43.20	3.65
BLE_2M	Ant1	2480	1.08	2.50	43.20	3.65

Test Graphs







---End---