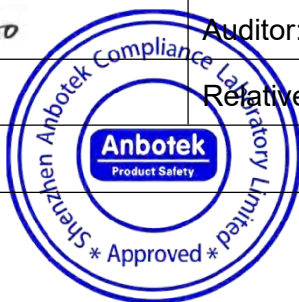


Appendix Test Data

Report No.:	1812C60443312502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-5	Finish Test Date:	2026-8-10
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	25.5°C	Relative Humidity:	50%
Pressure:	98.9kPa		



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	0.692	2401.636	2402.328	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.624	2440.324	0.5	PASS
BLE_1M	Ant1	2480	0.672	2479.648	2480.320	0.5	PASS
BLE_2M	Ant1	2402	1.348	2401.304	2402.652	0.5	PASS
BLE_2M	Ant1	2440	1.132	2439.416	2440.548	0.5	PASS
BLE_2M	Ant1	2480	1.268	2479.316	2480.584	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	1.0268	2401.4743	2402.5011	---	---
BLE_1M	Ant1	2440	1.0173	2439.4756	2440.4929	---	---
BLE_1M	Ant1	2480	1.0230	2479.4732	2480.4962	---	---
BLE_2M	Ant1	2402	2.0559	2400.9789	2403.0348	---	---
BLE_2M	Ant1	2440	2.0644	2438.9722	2441.0366	---	---
BLE_2M	Ant1	2480	2.0576	2478.9714	2481.0290	---	---

Test Graphs



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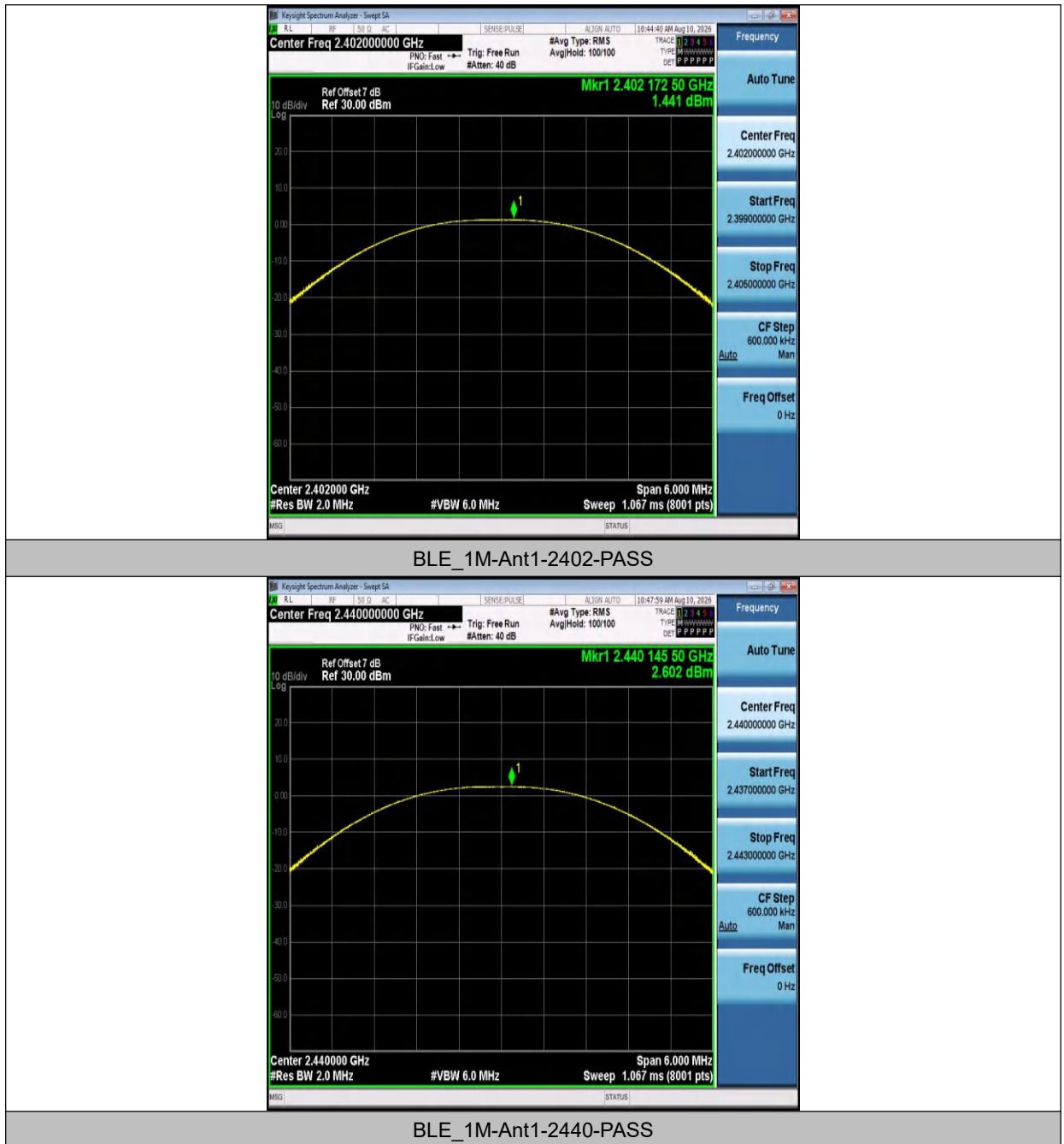
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.44	≤30	PASS
BLE_1M	Ant1	2440	2.60	≤30	PASS
BLE_1M	Ant1	2480	3.58	≤30	PASS
BLE_2M	Ant1	2402	1.35	≤30	PASS
BLE_2M	Ant1	2440	2.48	≤30	PASS
BLE_2M	Ant1	2480	3.48	≤30	PASS

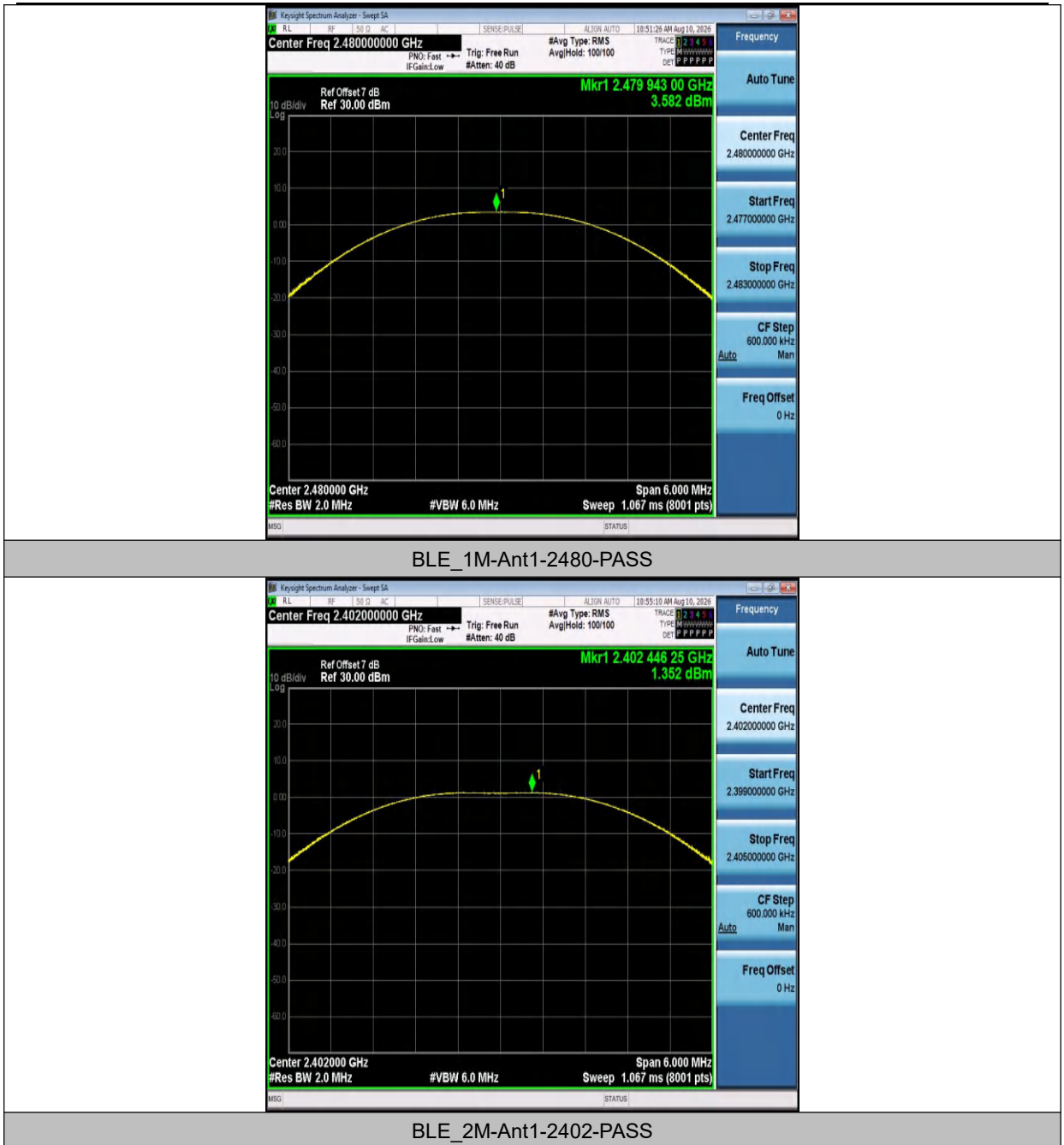
Test Graphs Peak



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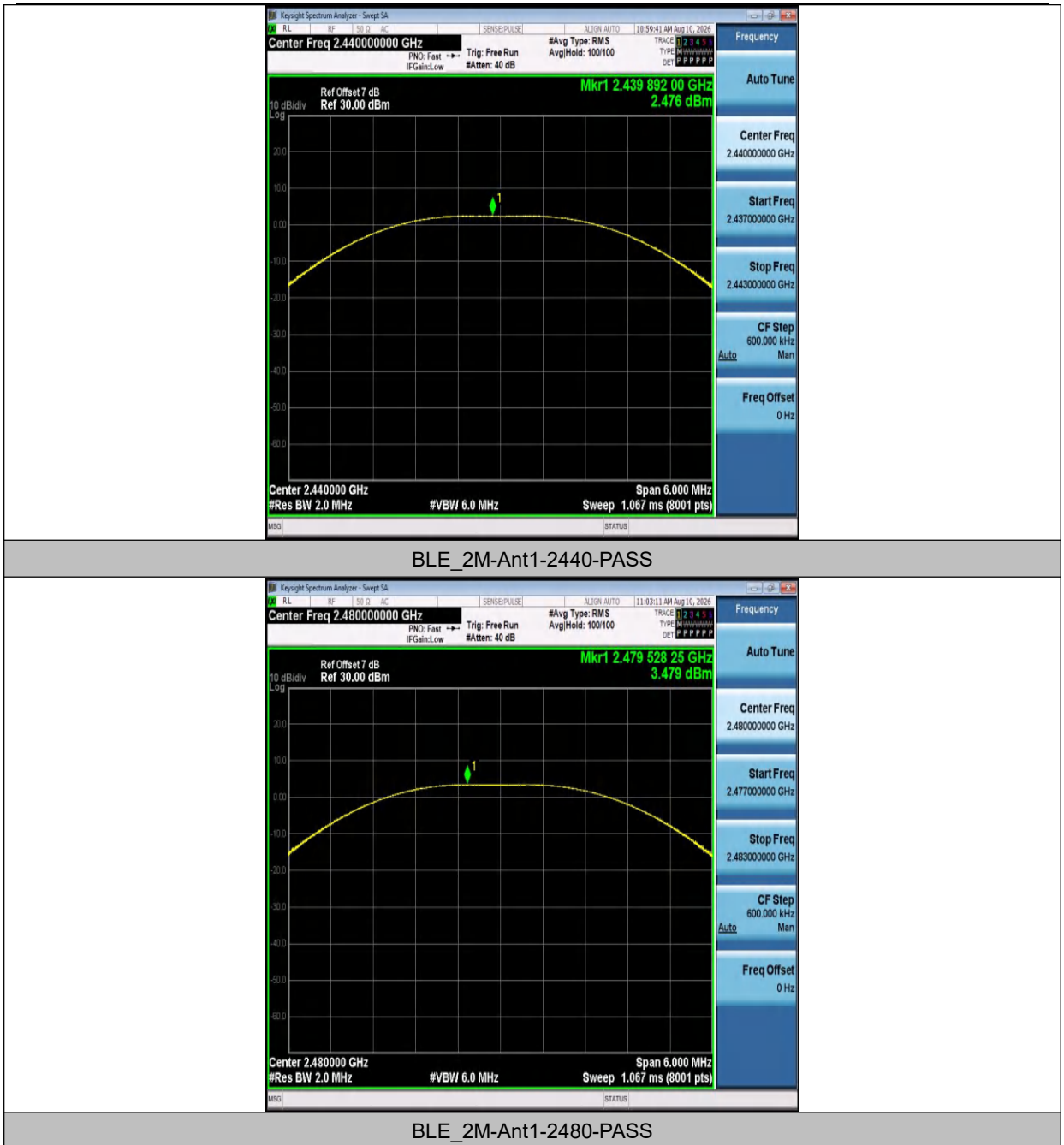
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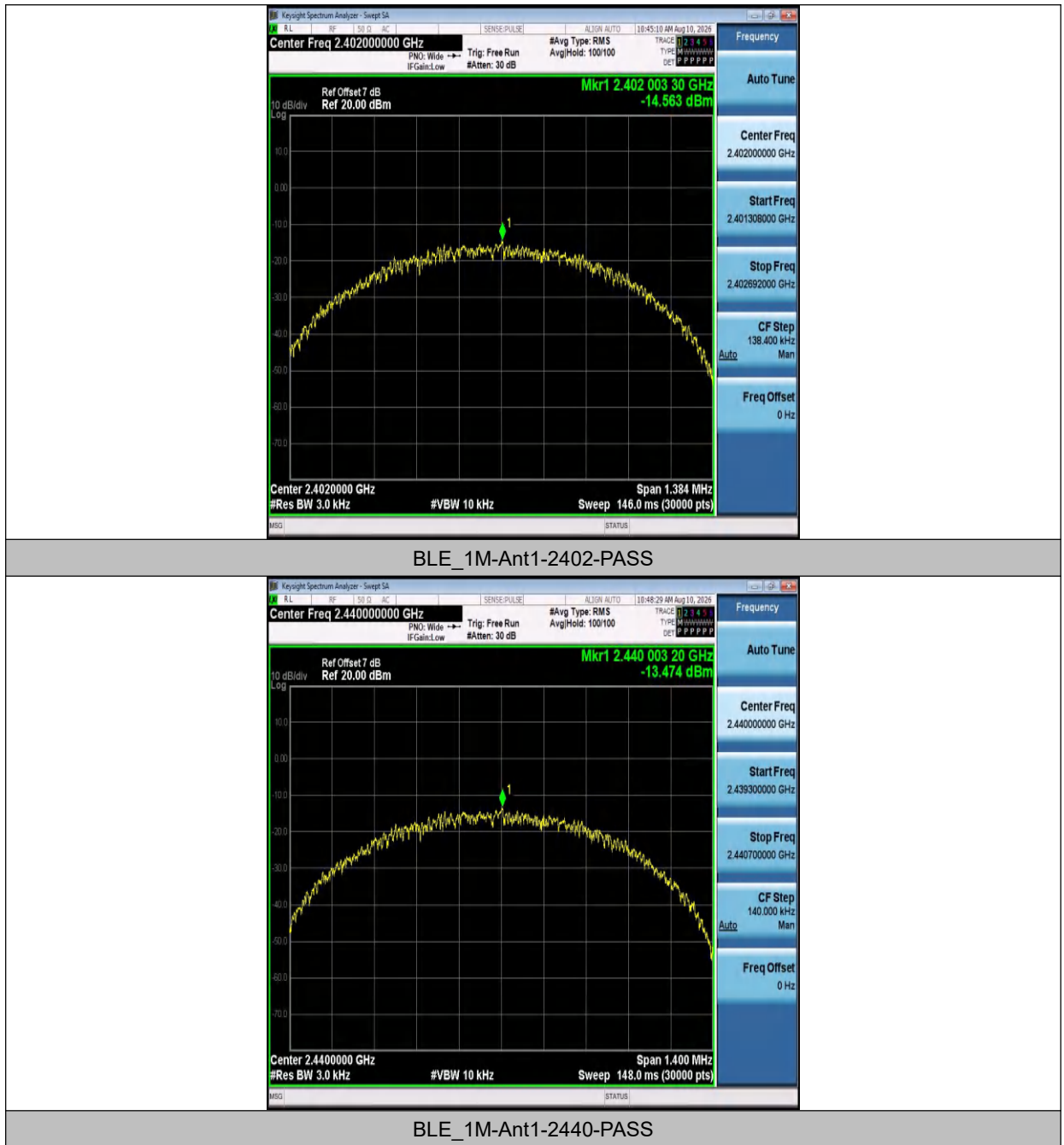
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.56	≤8.00	PASS
BLE_1M	Ant1	2440	-13.47	≤8.00	PASS
BLE_1M	Ant1	2480	-12.42	≤8.00	PASS
BLE_2M	Ant1	2402	-17.97	≤8.00	PASS
BLE_2M	Ant1	2440	-16.80	≤8.00	PASS
BLE_2M	Ant1	2480	-15.76	≤8.00	PASS

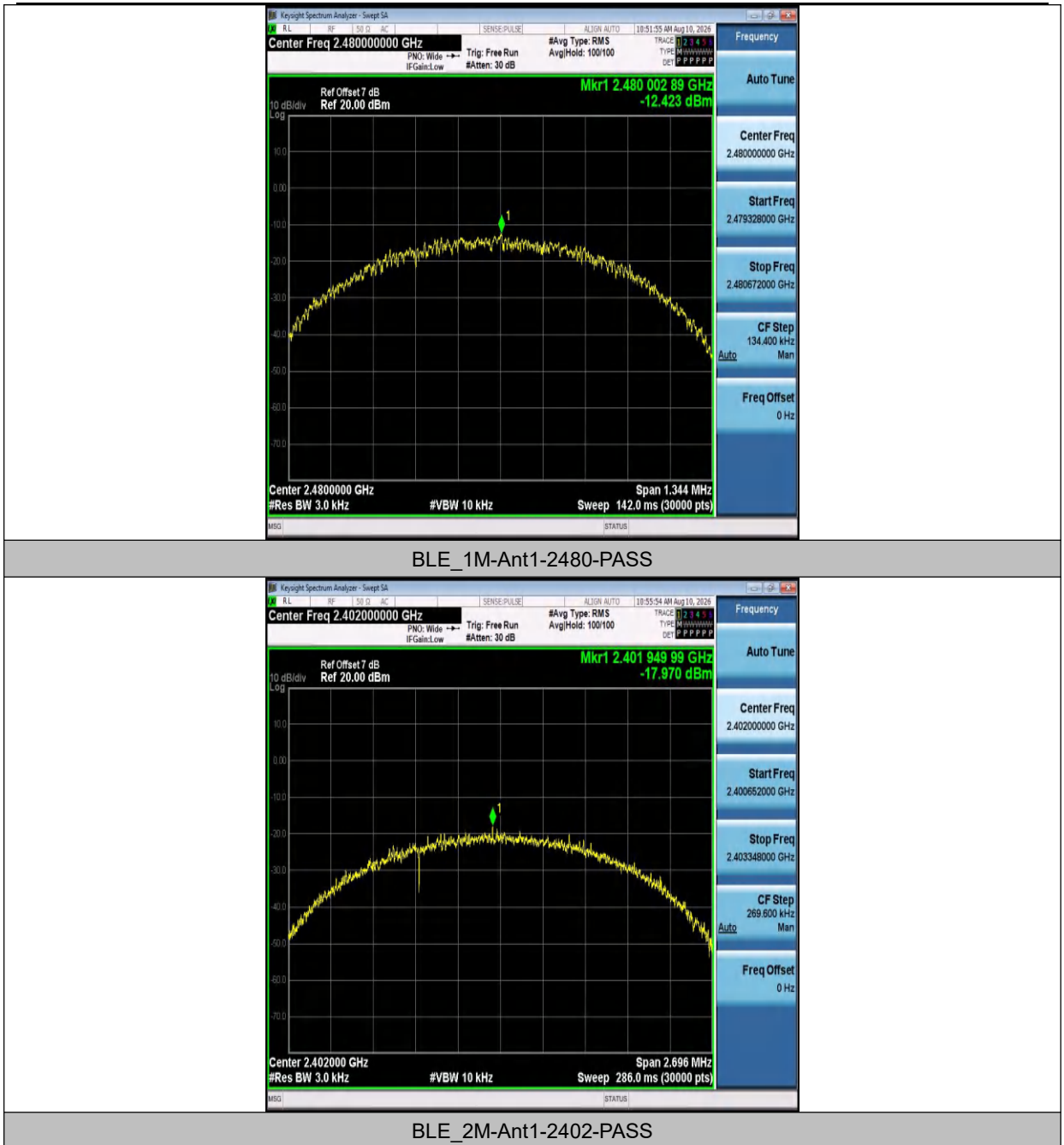
Test Graphs



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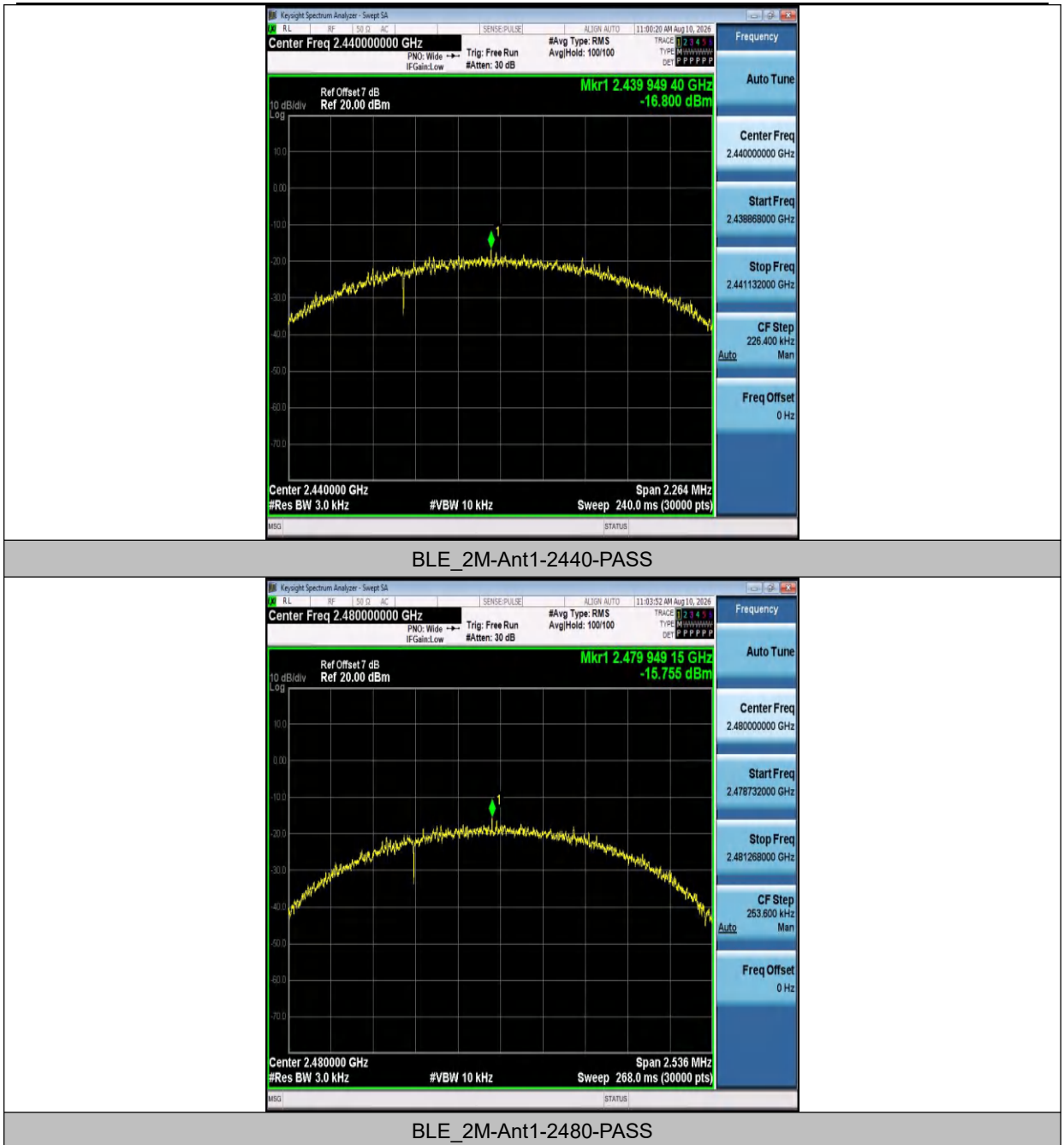
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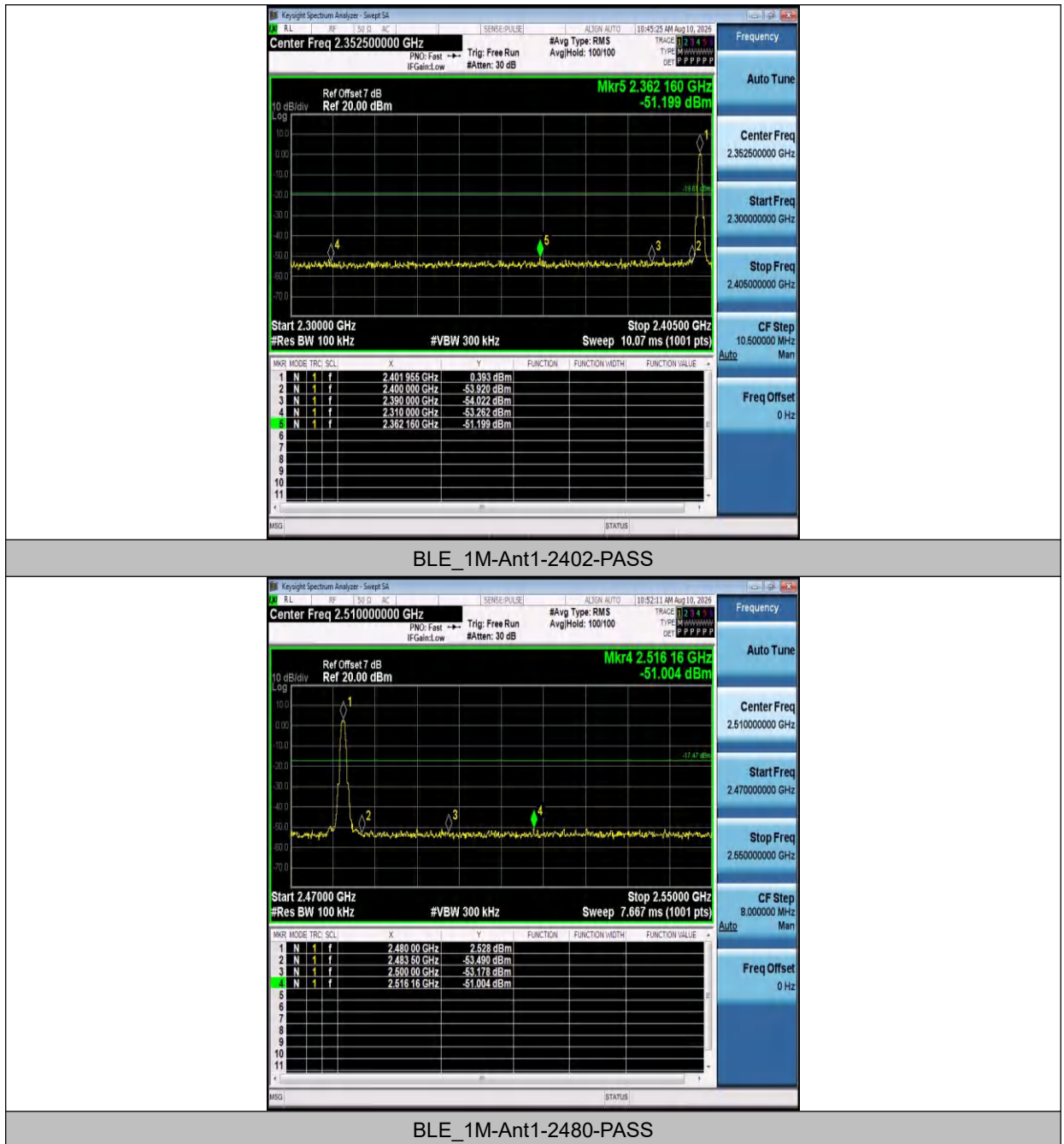
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.39	-51.2	≤-19.61	PASS
BLE_1M	Ant1	High	2480	2.53	-51	≤-17.47	PASS
BLE_2M	Ant1	Low	2402	-1.18	-32.58	≤-21.18	PASS
BLE_2M	Ant1	High	2480	2.42	-50.74	≤-17.58	PASS

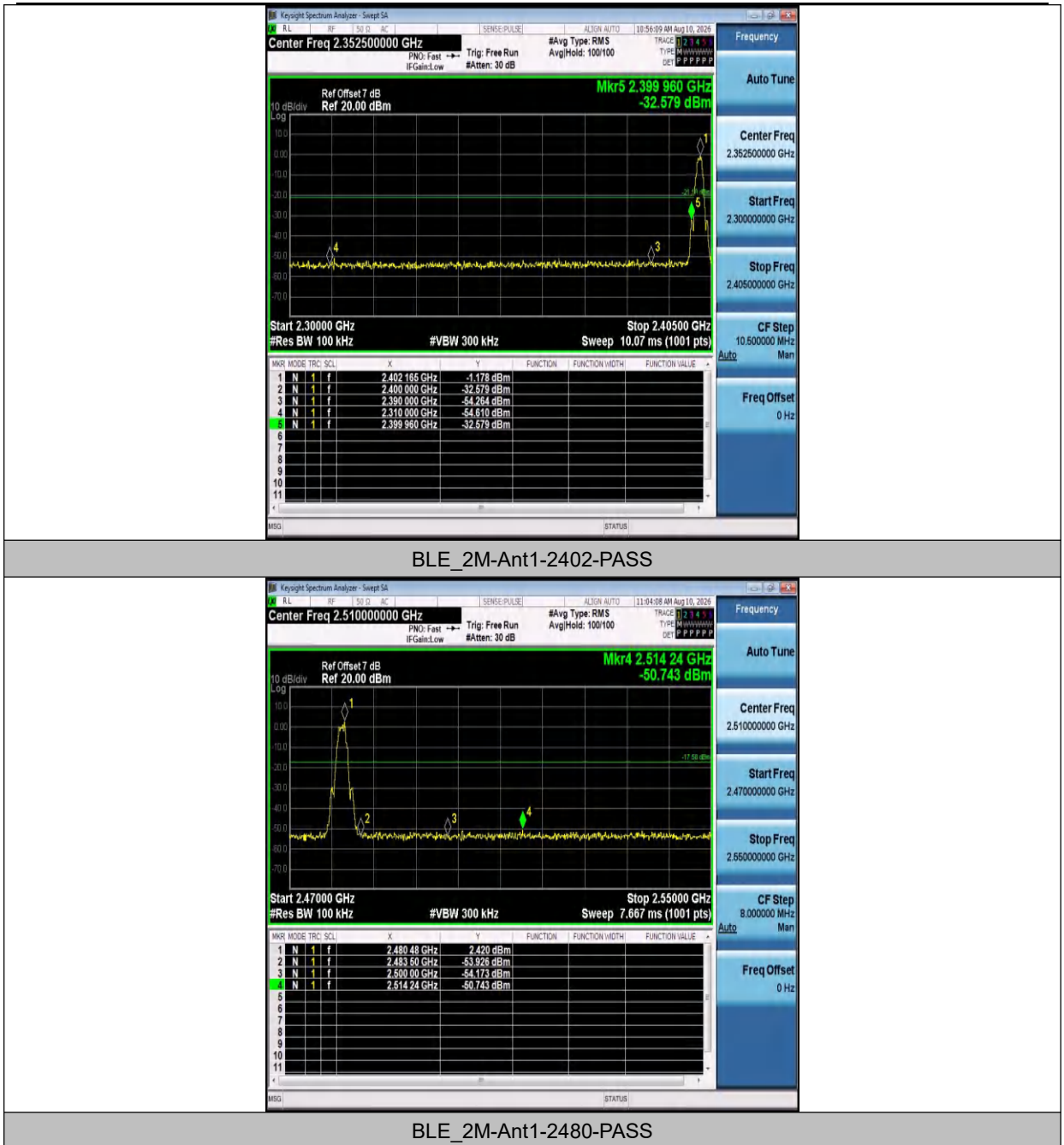
Test Graphs



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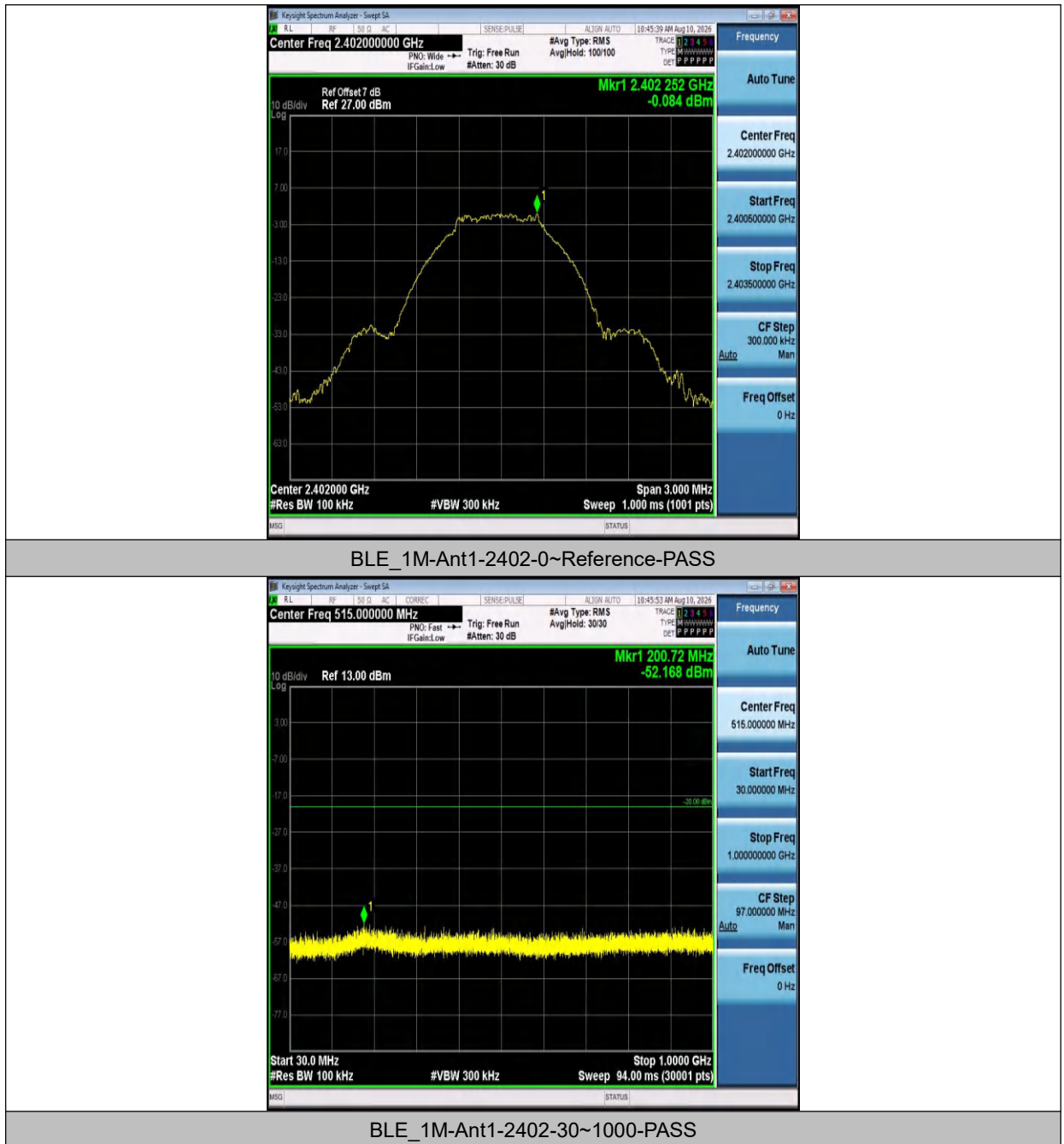
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.08	-0.08	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.08	-52.17	≤-20.08	PASS
BLE_1M	Ant1	2402	1000~26500	-0.08	-37.2	≤-20.08	PASS
BLE_1M	Ant1	2440	0~Reference	2.18	2.18	---	PASS
BLE_1M	Ant1	2440	30~1000	2.18	-51.61	≤-17.82	PASS
BLE_1M	Ant1	2440	1000~26500	2.18	-36.94	≤-17.82	PASS
BLE_1M	Ant1	2480	0~Reference	2.23	2.23	---	PASS
BLE_1M	Ant1	2480	30~1000	2.23	-50.89	≤-17.77	PASS
BLE_1M	Ant1	2480	1000~26500	2.23	-37.08	≤-17.77	PASS
BLE_2M	Ant1	2402	0~Reference	-0.05	-0.05	---	PASS
BLE_2M	Ant1	2402	30~1000	-0.05	-52.31	≤-20.05	PASS
BLE_2M	Ant1	2402	1000~26500	-0.05	-36.91	≤-20.05	PASS
BLE_2M	Ant1	2440	0~Reference	1.08	1.08	---	PASS
BLE_2M	Ant1	2440	30~1000	1.08	-51.75	≤-18.92	PASS
BLE_2M	Ant1	2440	1000~26500	1.08	-37.29	≤-18.92	PASS
BLE_2M	Ant1	2480	0~Reference	2.03	2.03	---	PASS
BLE_2M	Ant1	2480	30~1000	2.03	-52.2	≤-17.97	PASS
BLE_2M	Ant1	2480	1000~26500	2.03	-36.56	≤-17.97	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.

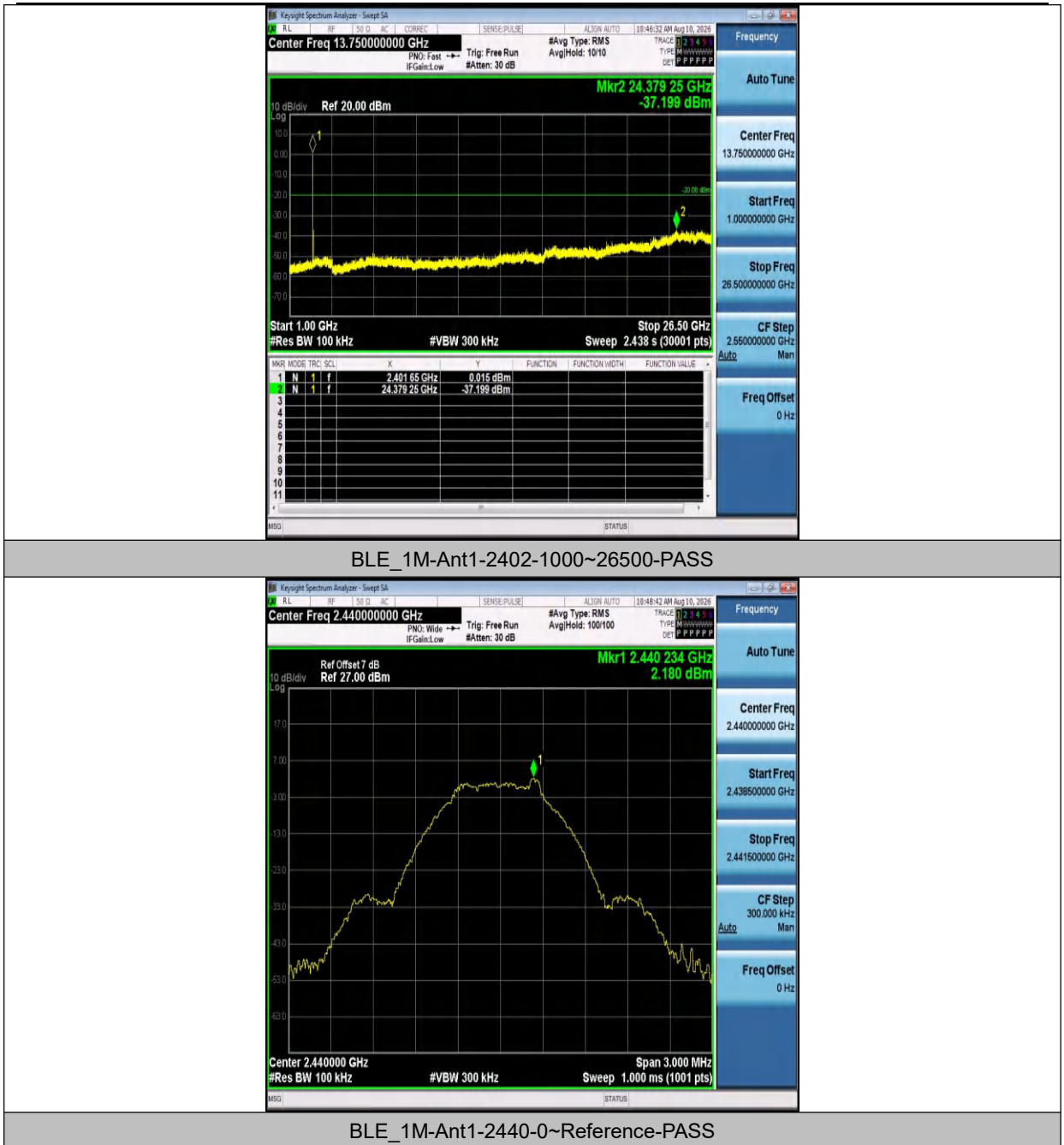
Test Graphs



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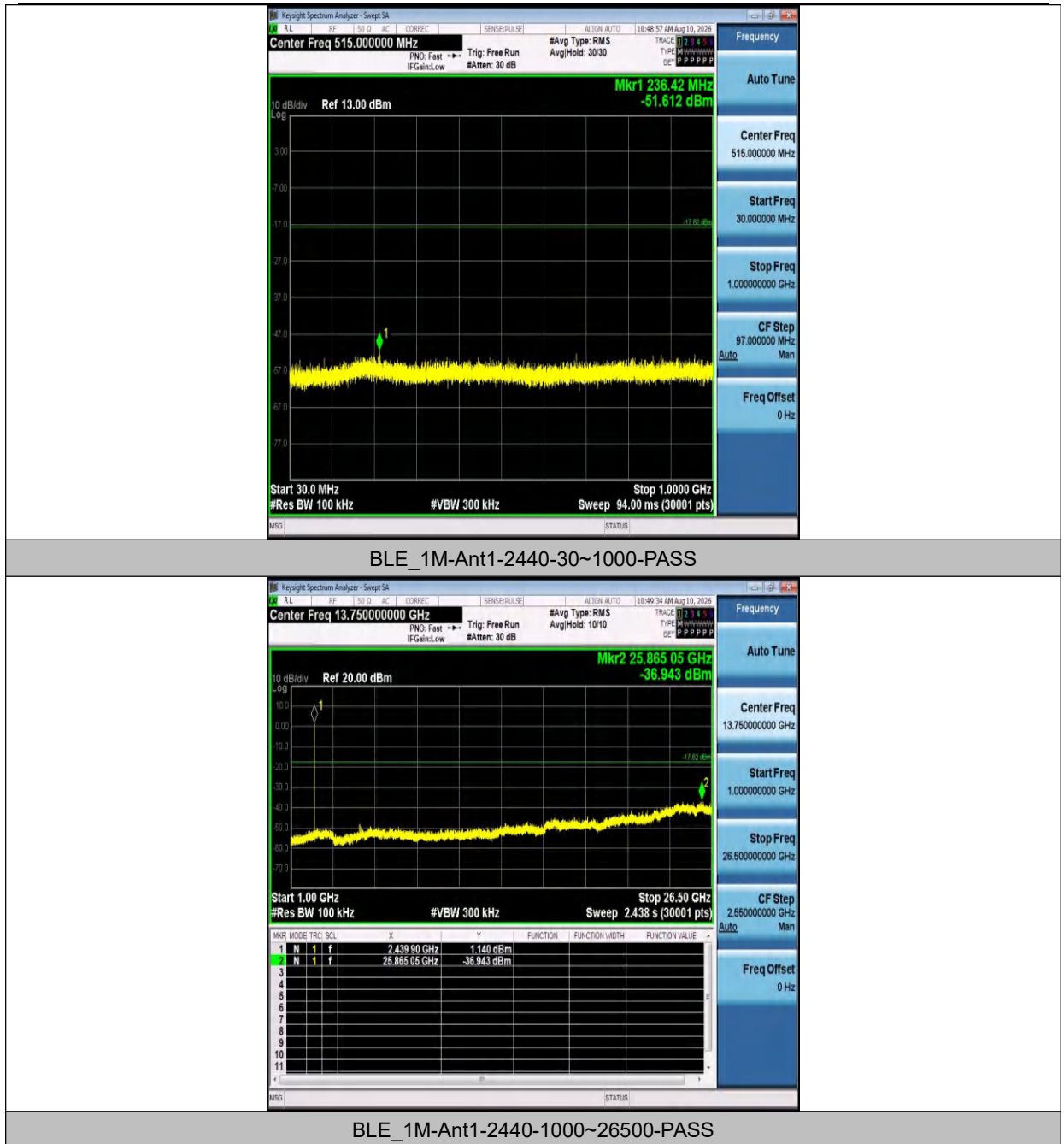
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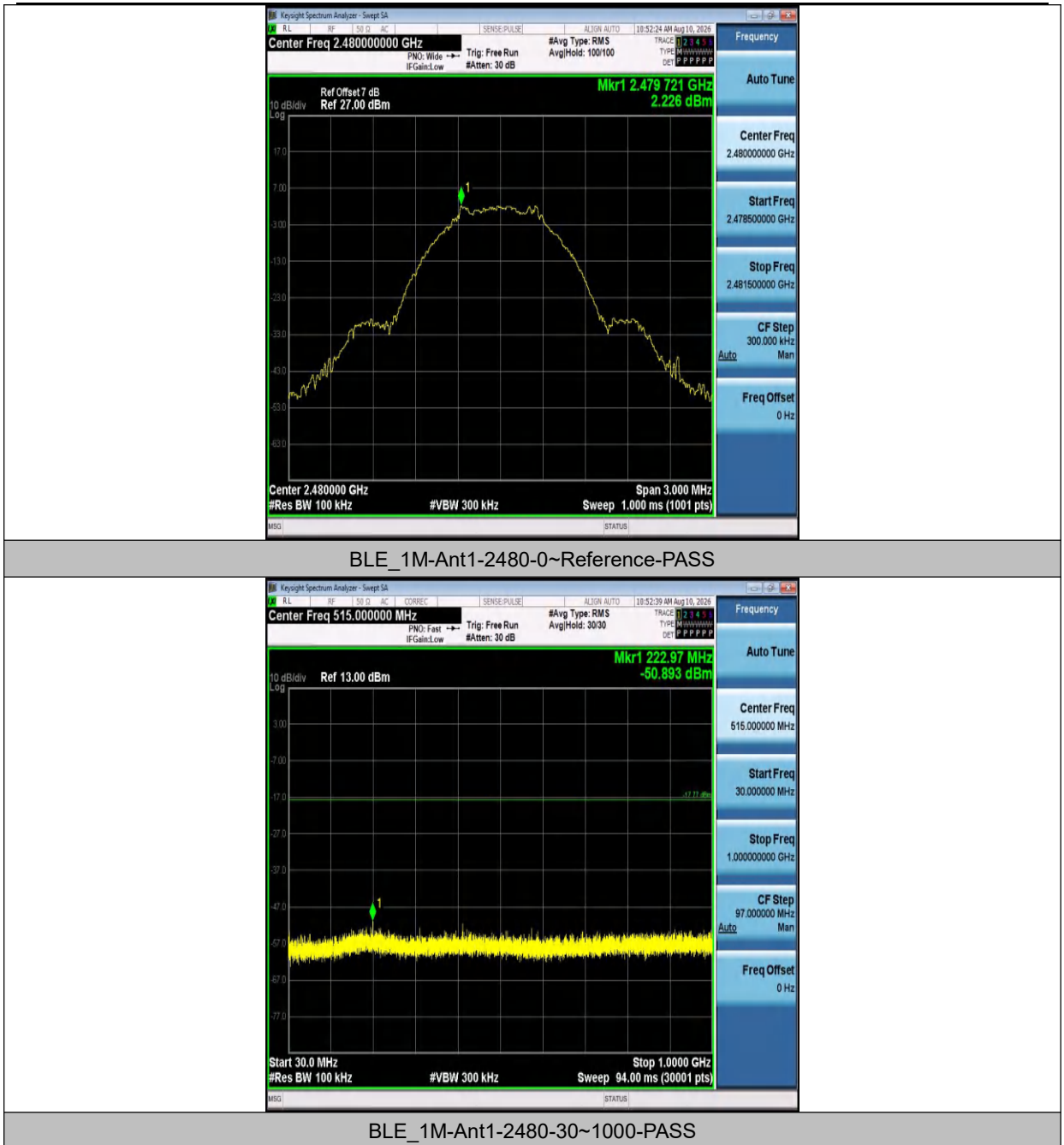
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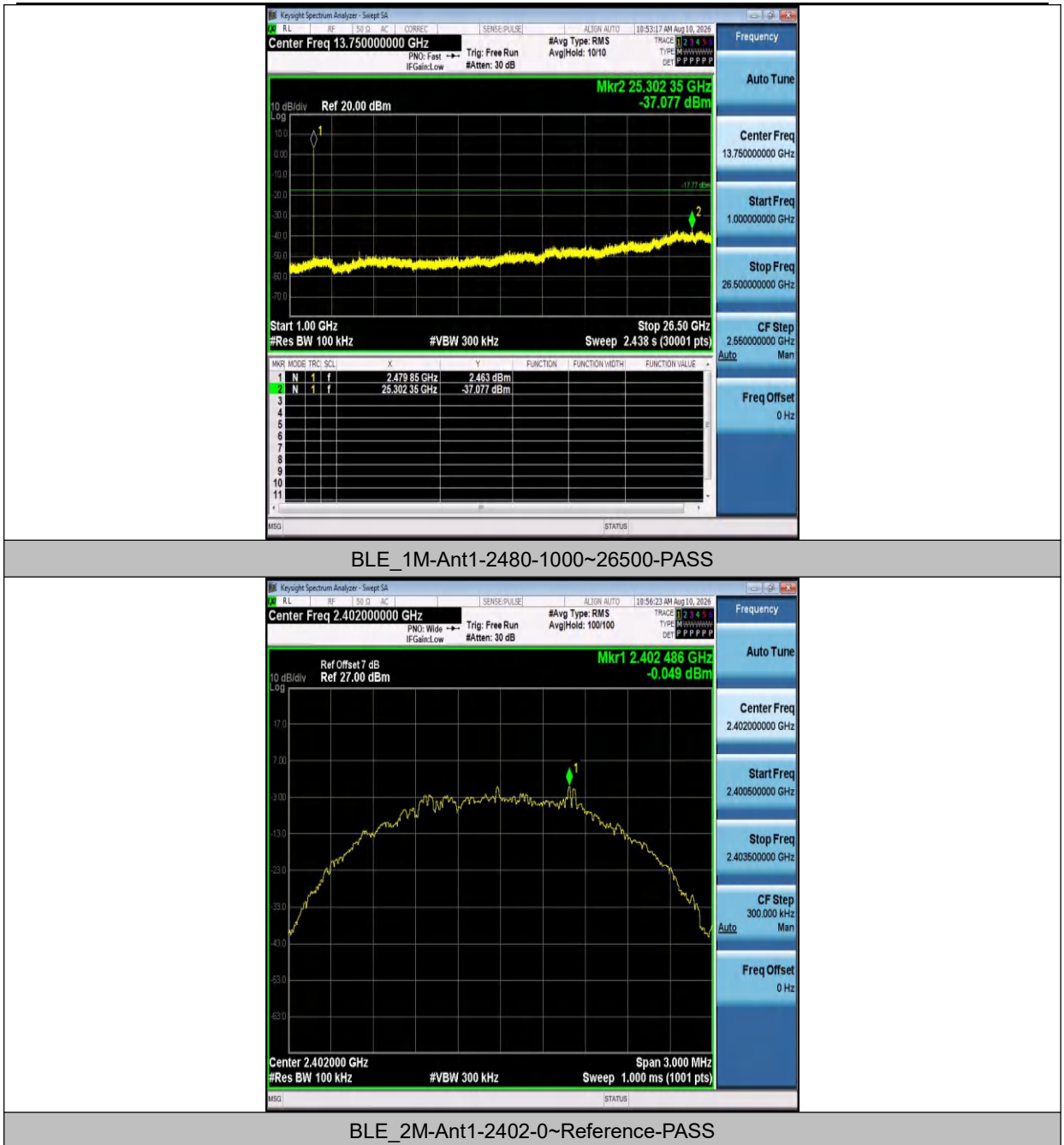
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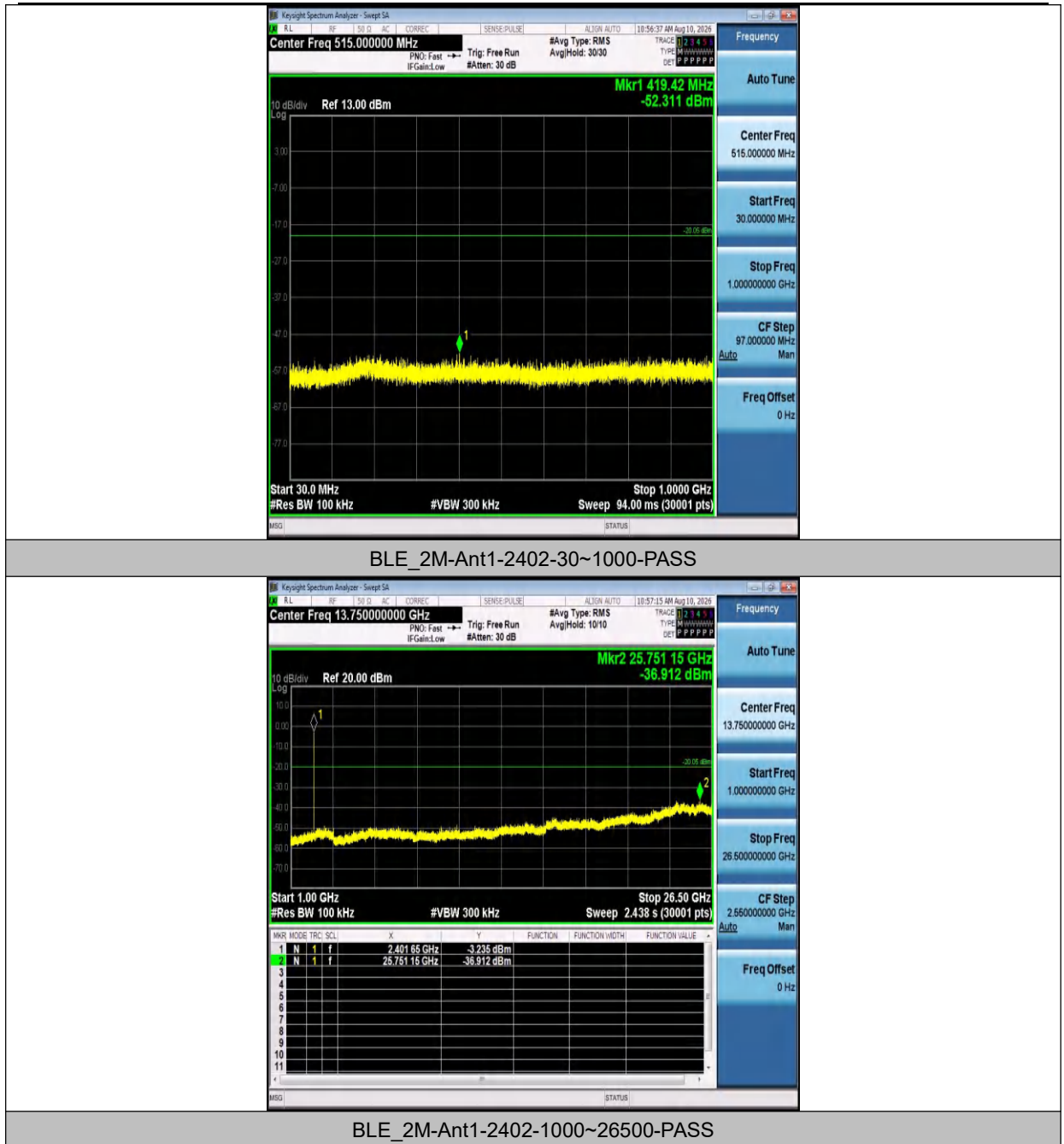
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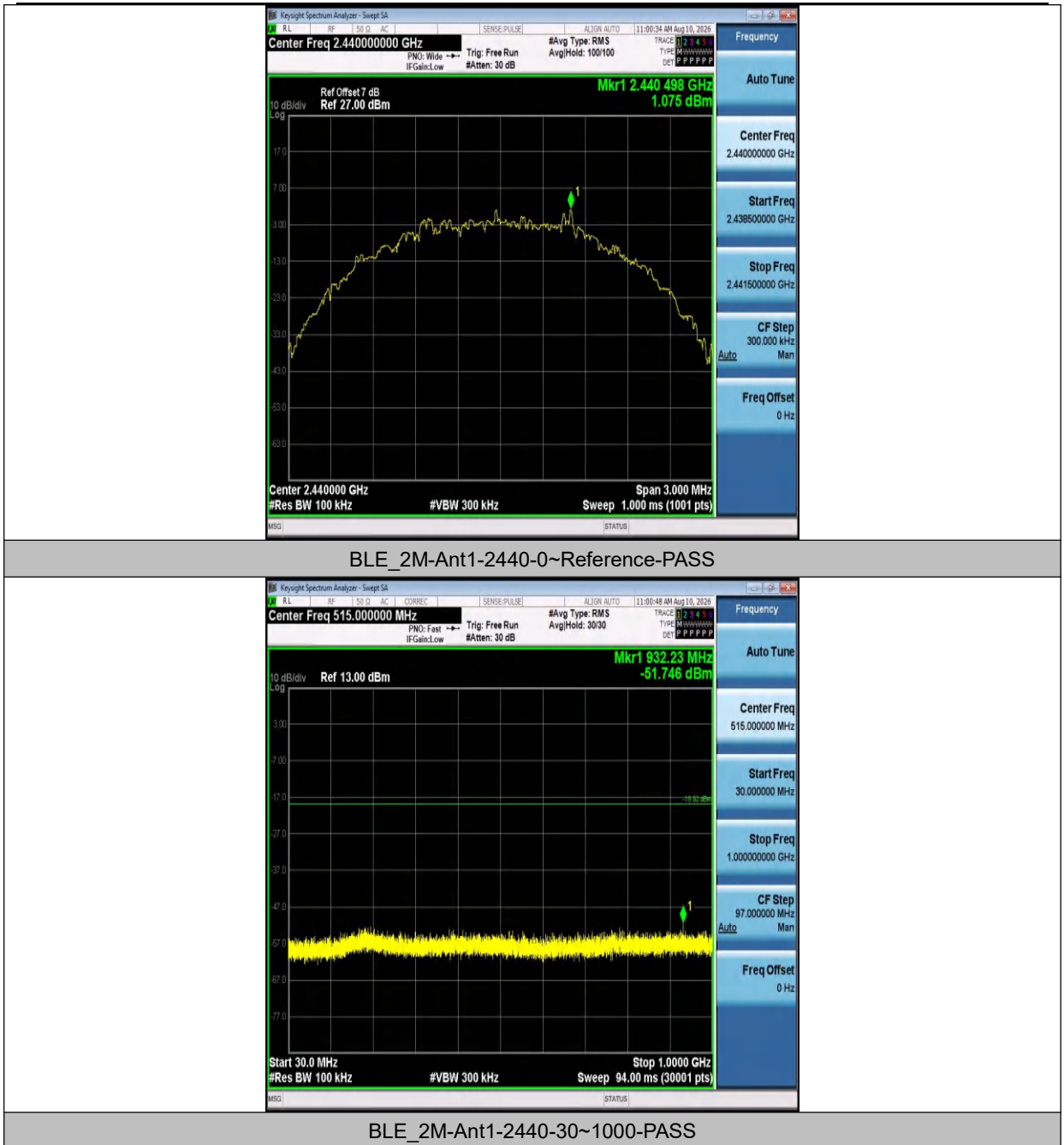
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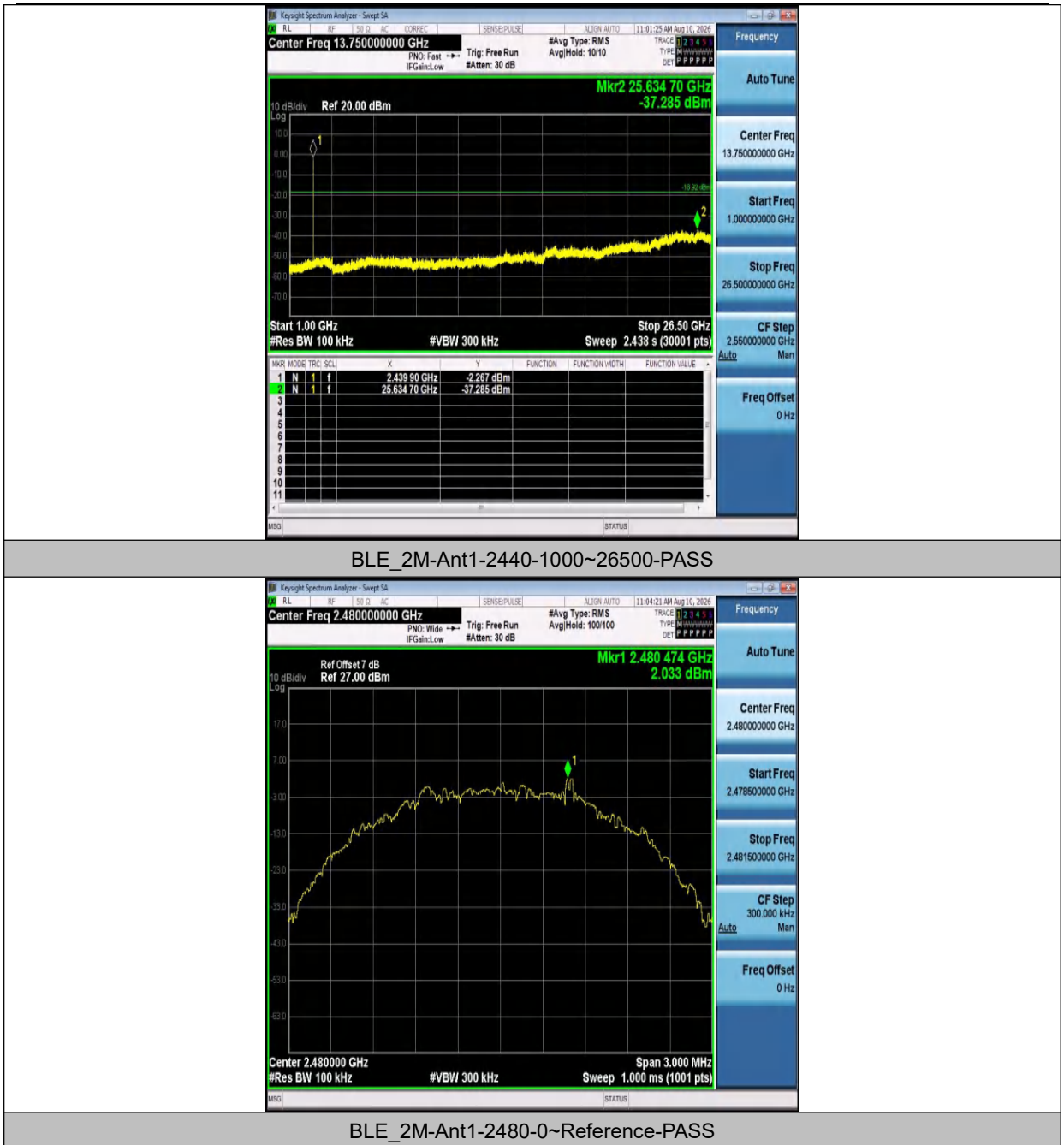
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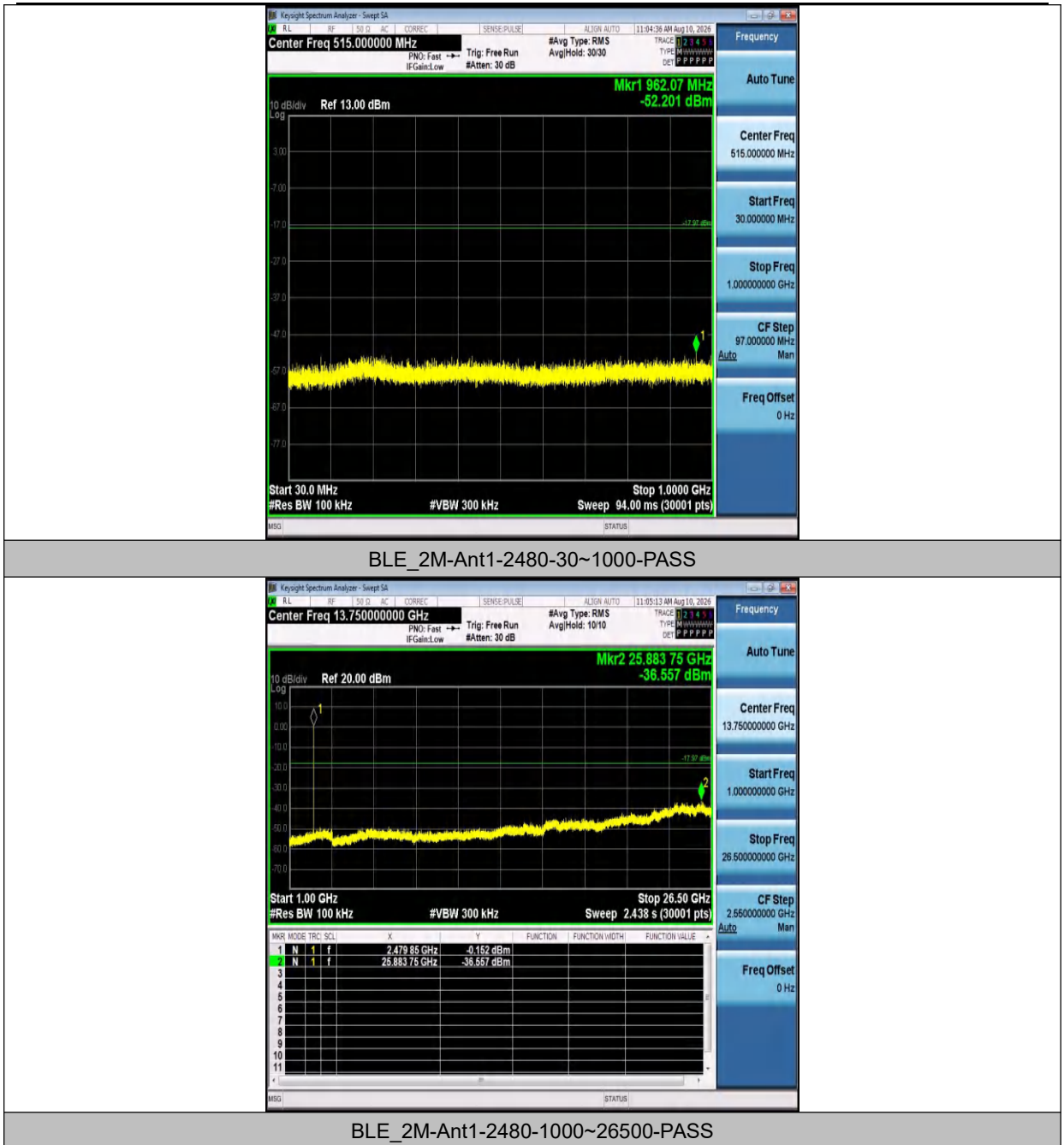
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.11	2.50	84.40	0.74
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	1.07	1.88	56.91	2.45
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

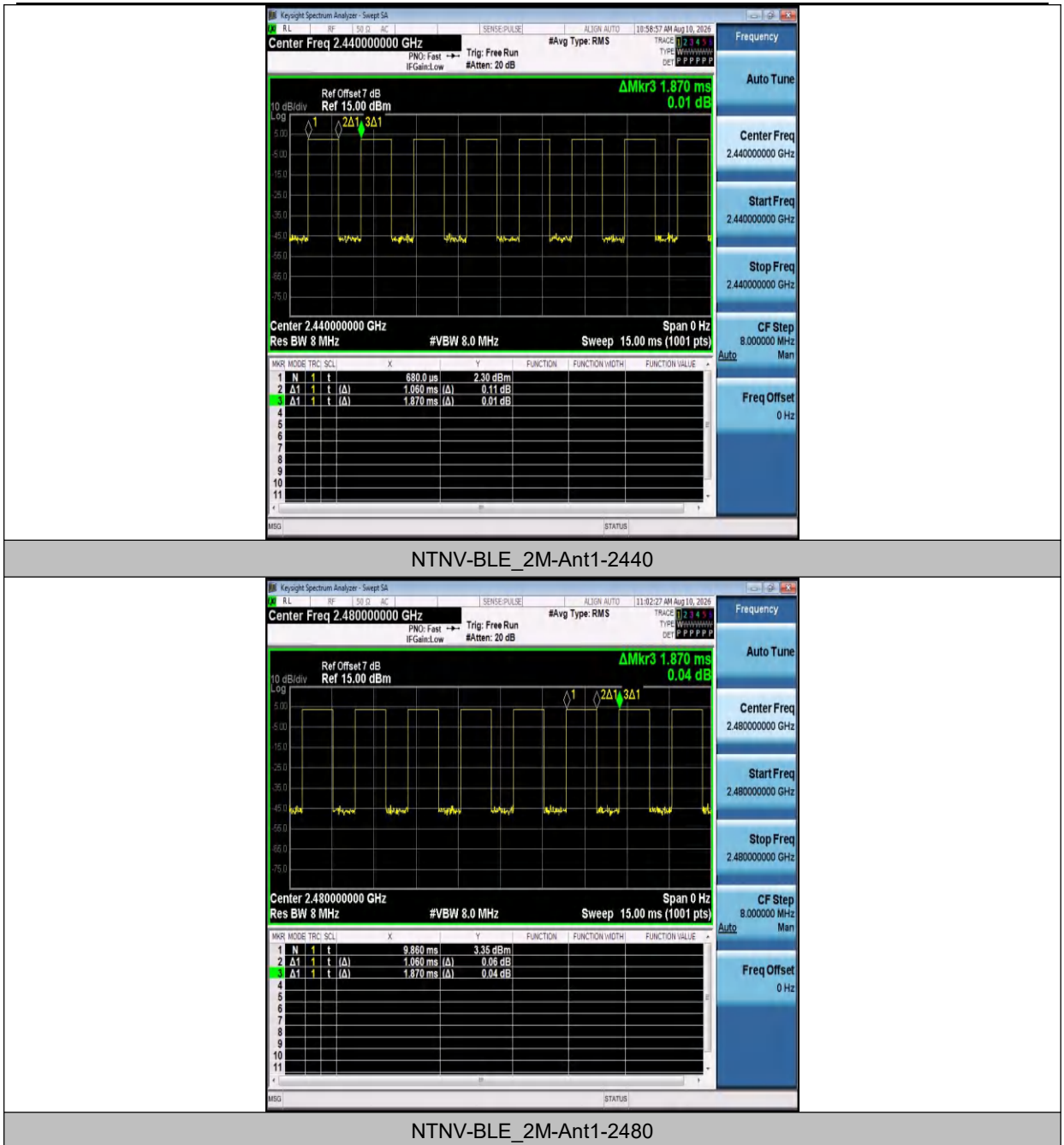


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