

Appendix Test Data

Report No.:	1819C60091112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-8-10	Finish Test Date:	2026-8-12
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.2°C	Relative Humidity:	54%
Pressure:	99.3kPa		

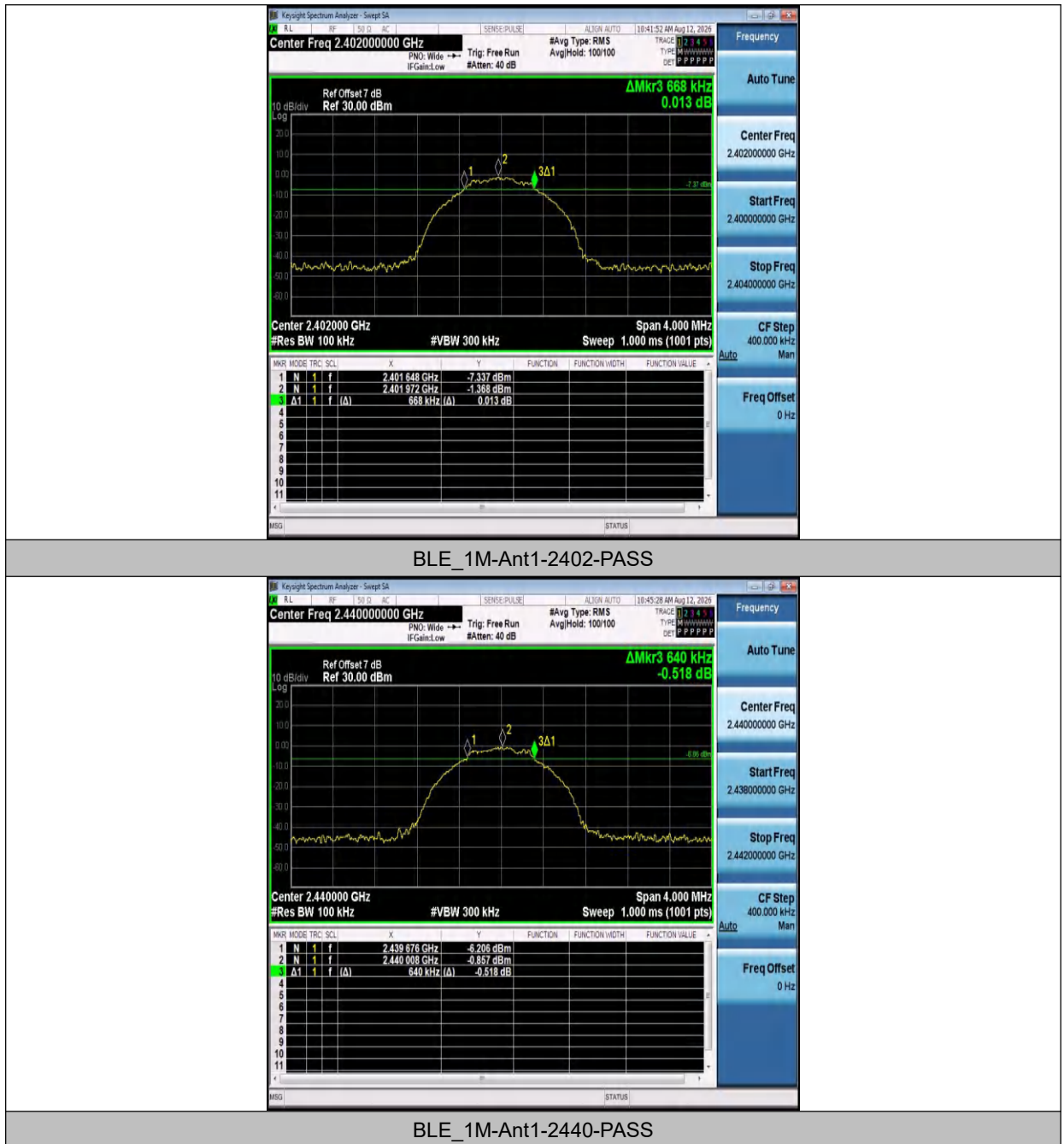


Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.668	2401.648	2402.316	0.5	PASS
BLE_1M	Ant1	2440	0.640	2439.676	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.660	2479.668	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.308	2401.320	2402.628	0.5	PASS
BLE_2M	Ant1	2440	1.268	2439.324	2440.592	0.5	PASS
BLE_2M	Ant1	2480	1.276	2479.320	2480.596	0.5	PASS

Test Graphs



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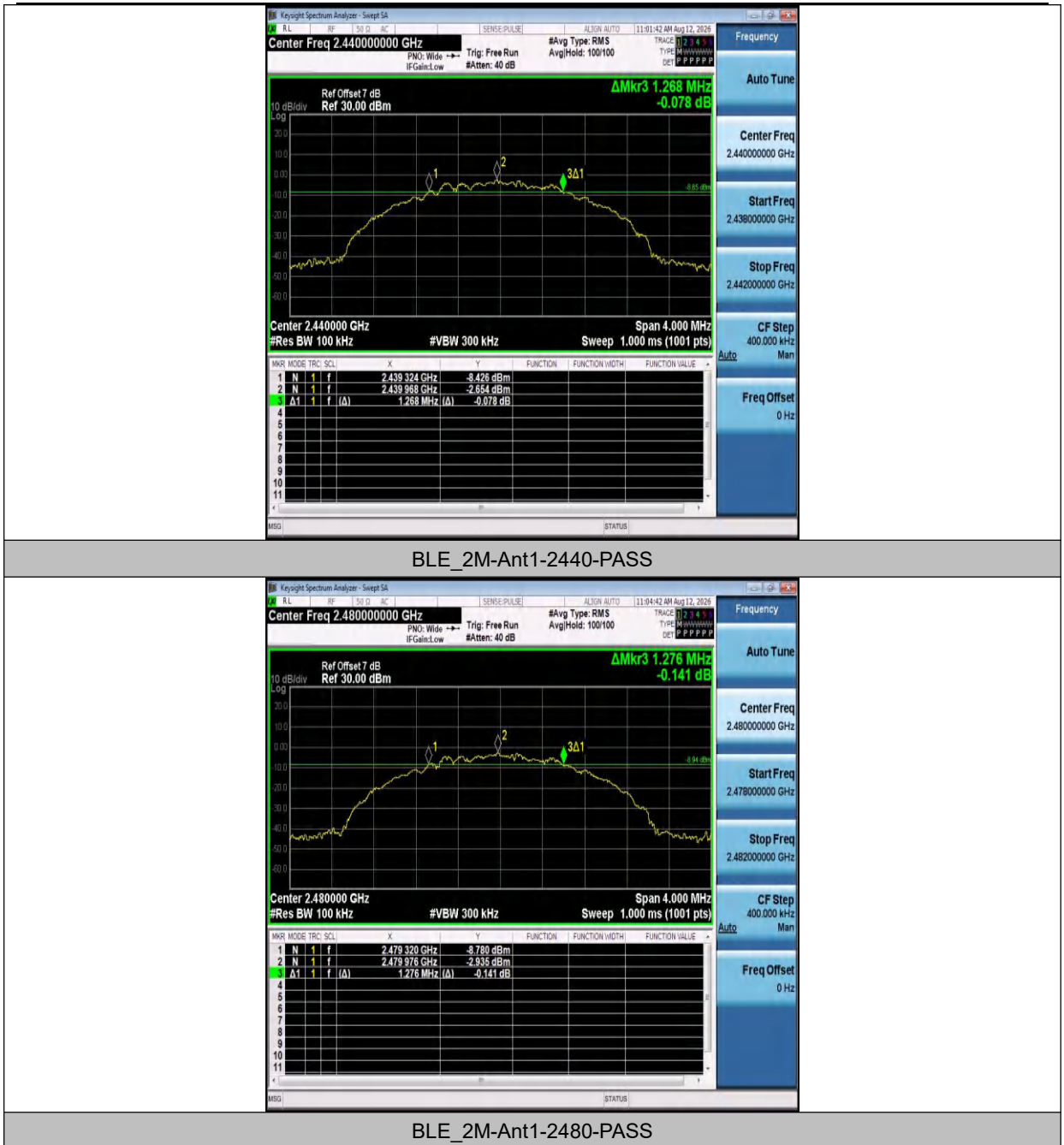
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0736	2401.4518	2402.5254	---	---
BLE_1M	Ant1	2440	1.0791	2439.4489	2440.5280	---	---
BLE_1M	Ant1	2480	1.0789	2479.4472	2480.5261	---	---
BLE_2M	Ant1	2402	2.1366	2400.9273	2403.0639	---	---
BLE_2M	Ant1	2440	2.1356	2438.9270	2441.0626	---	---
BLE_2M	Ant1	2480	2.1387	2478.9300	2481.0687	---	---

Test Graphs



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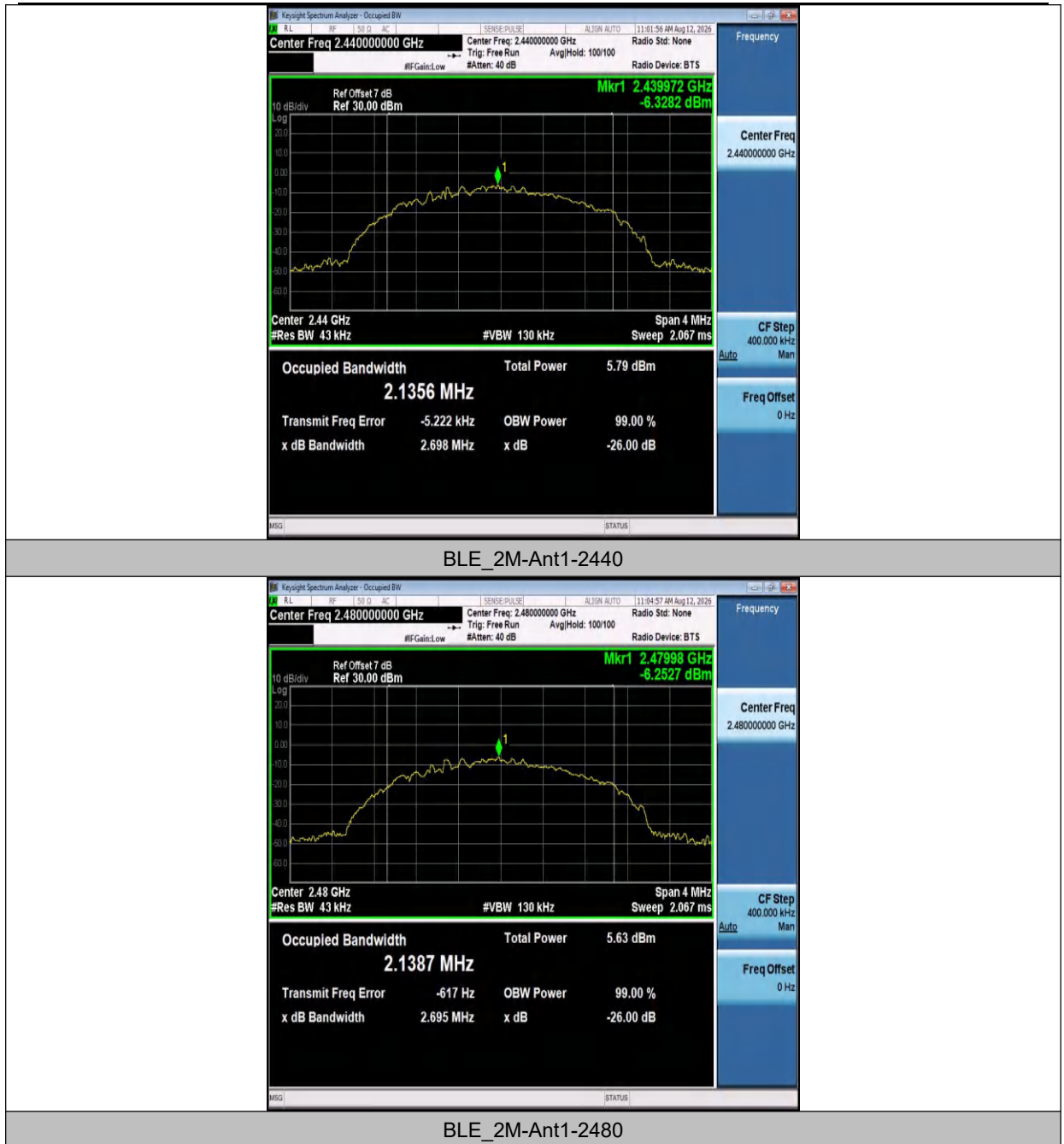
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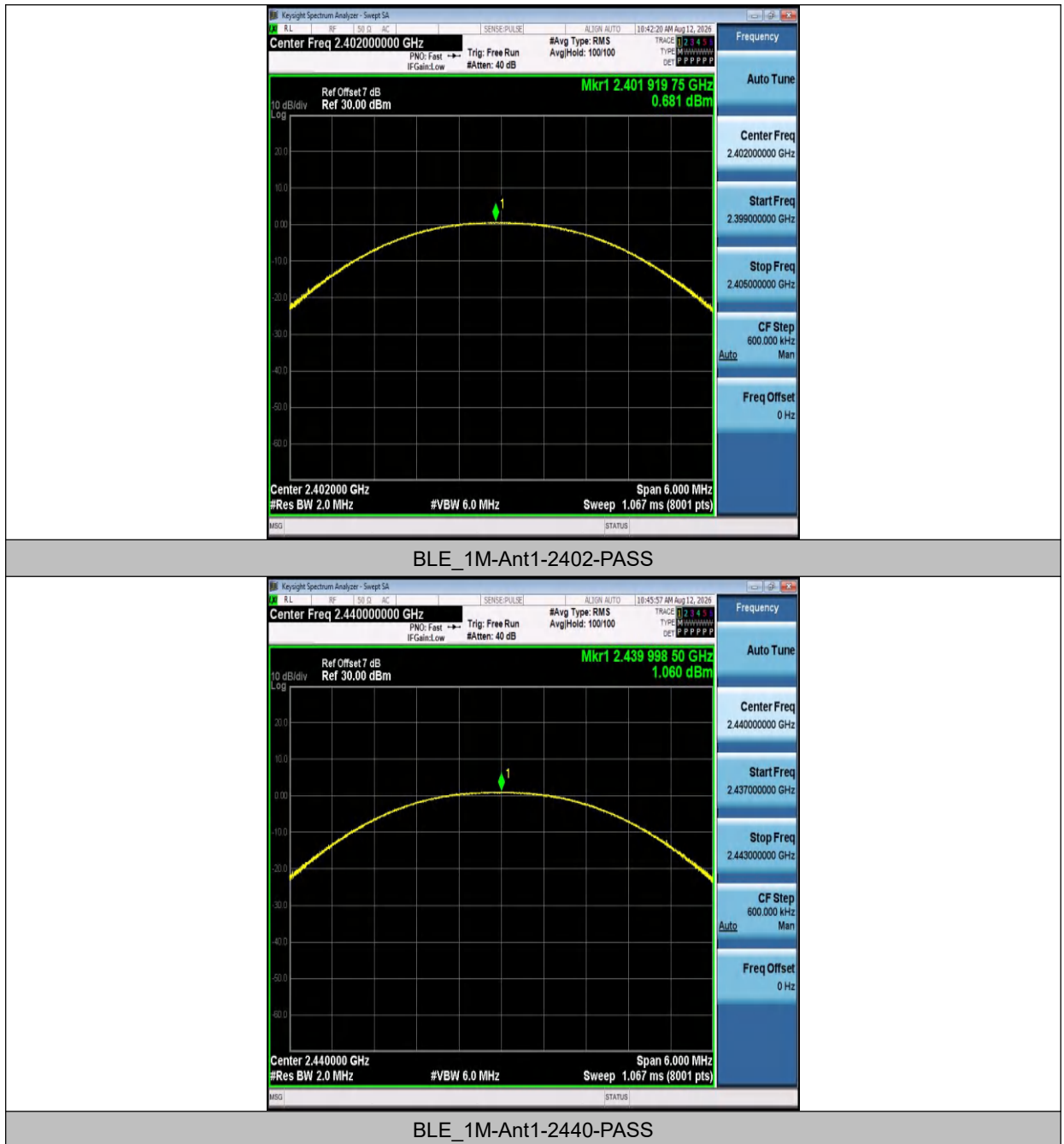
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.68	≤30	PASS
BLE_1M	Ant1	2440	1.06	≤30	PASS
BLE_1M	Ant1	2480	0.91	≤30	PASS
BLE_2M	Ant1	2402	0.27	≤30	PASS
BLE_2M	Ant1	2440	0.73	≤30	PASS
BLE_2M	Ant1	2480	0.46	≤30	PASS

Test Graphs Peak



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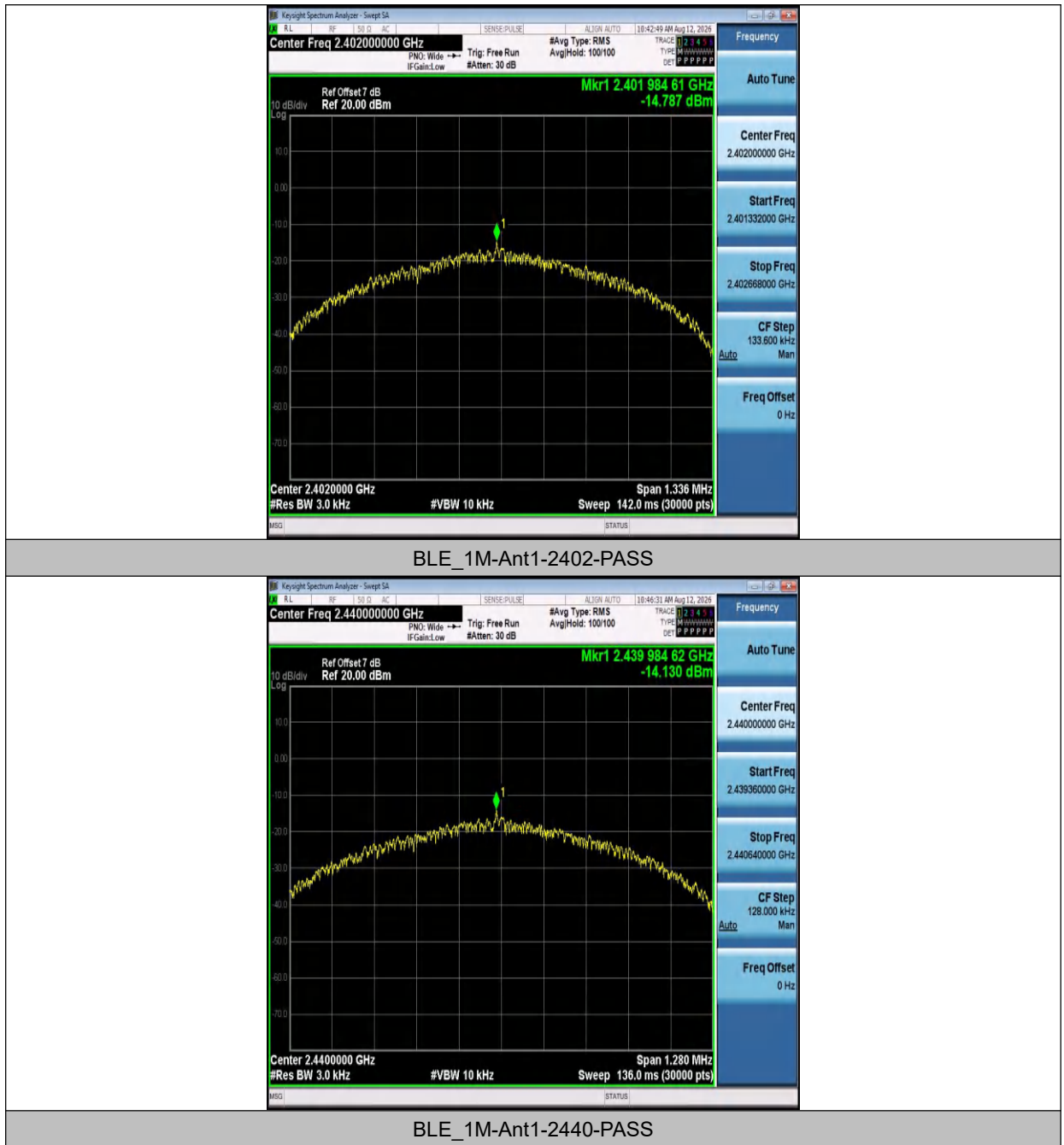
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.79	≤8.00	PASS
BLE_1M	Ant1	2440	-14.13	≤8.00	PASS
BLE_1M	Ant1	2480	-14.75	≤8.00	PASS
BLE_2M	Ant1	2402	-18.73	≤8.00	PASS
BLE_2M	Ant1	2440	-18.15	≤8.00	PASS
BLE_2M	Ant1	2480	-18.63	≤8.00	PASS

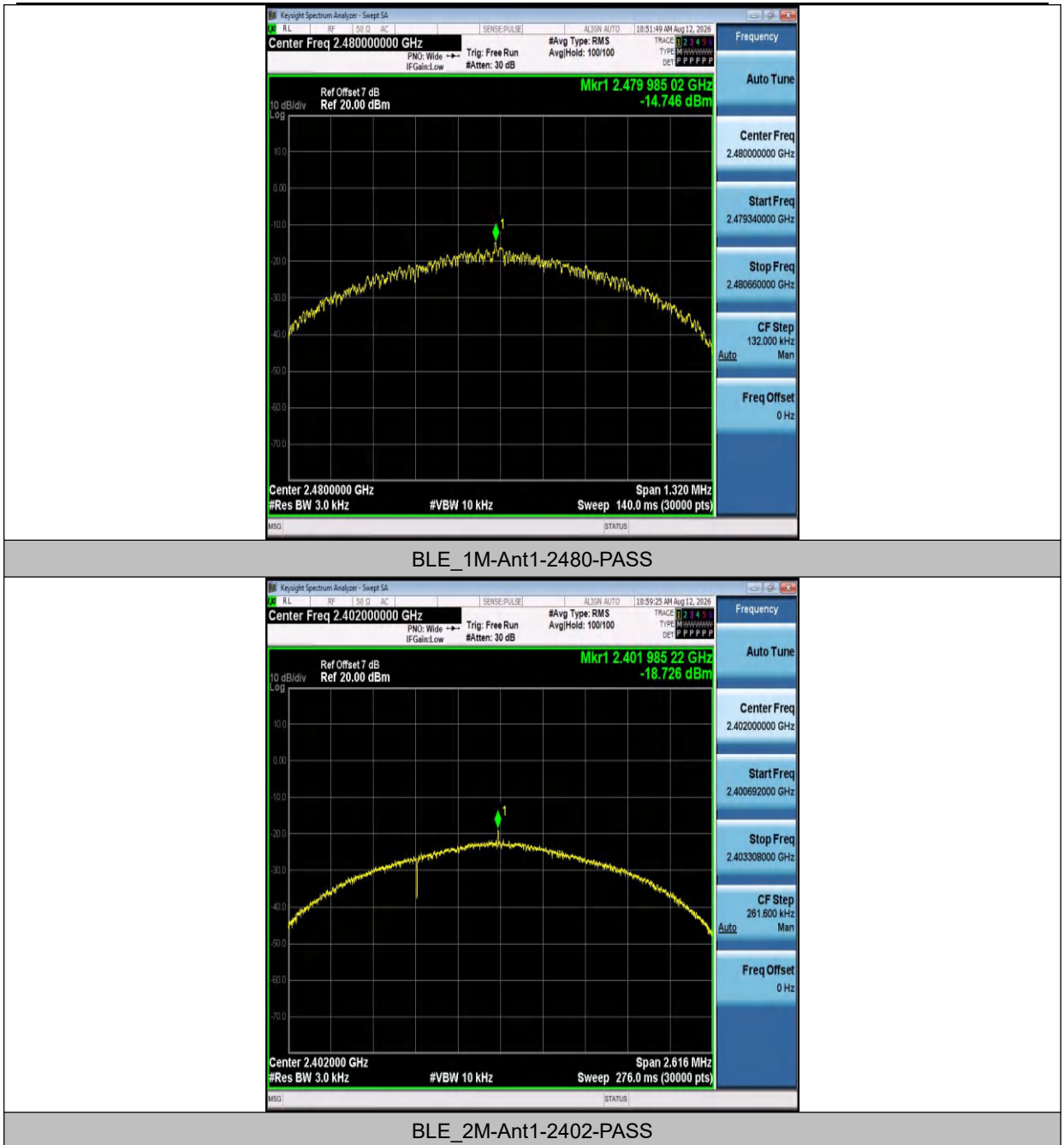
Test Graphs



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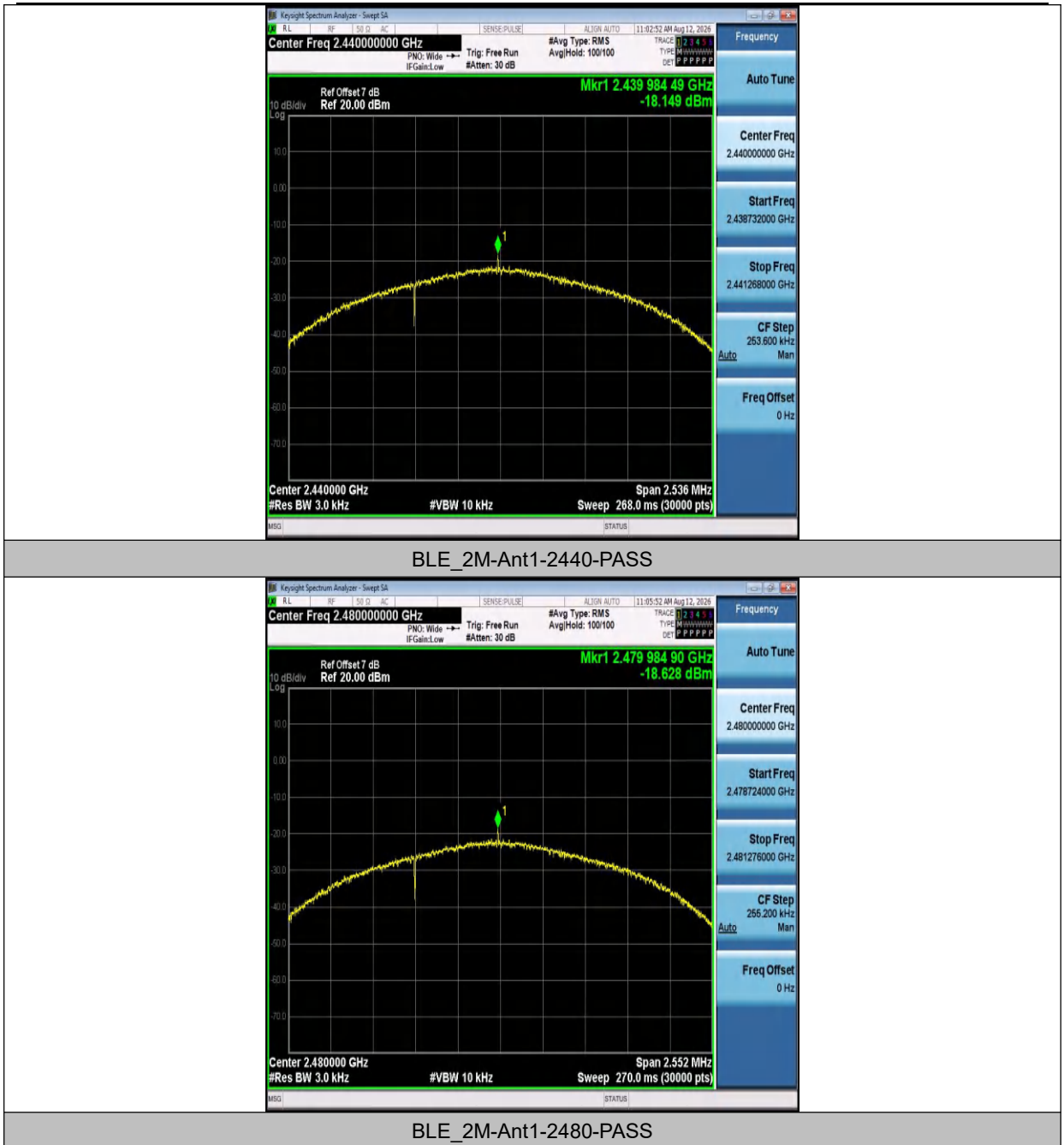
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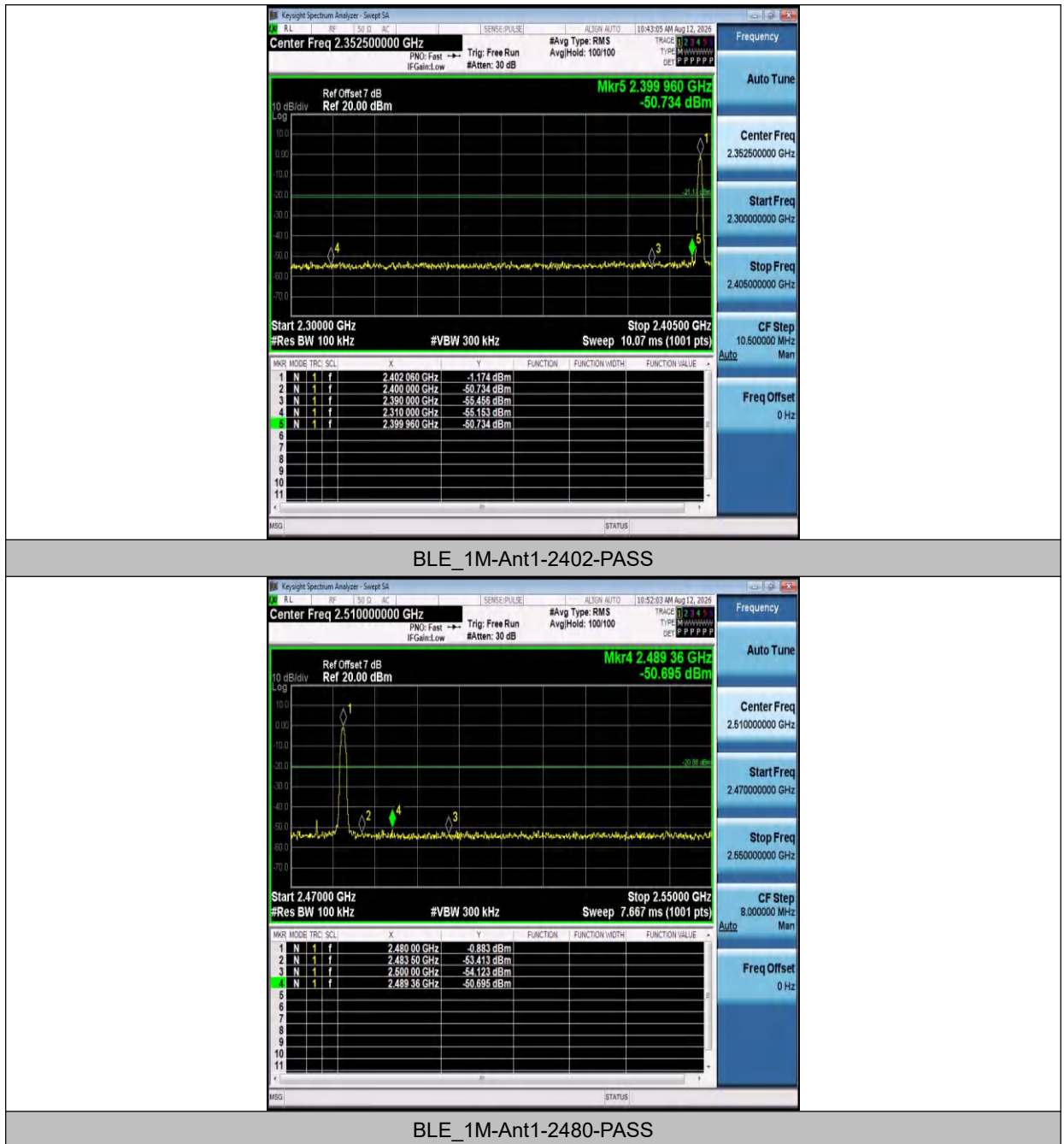
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.17	-50.73	≤-21.17	PASS
BLE_1M	Ant1	High	2480	-0.88	-50.7	≤-20.88	PASS
BLE_2M	Ant1	Low	2402	-2.93	-49.58	≤-22.93	PASS
BLE_2M	Ant1	High	2480	-2.65	-51.65	≤-22.65	PASS

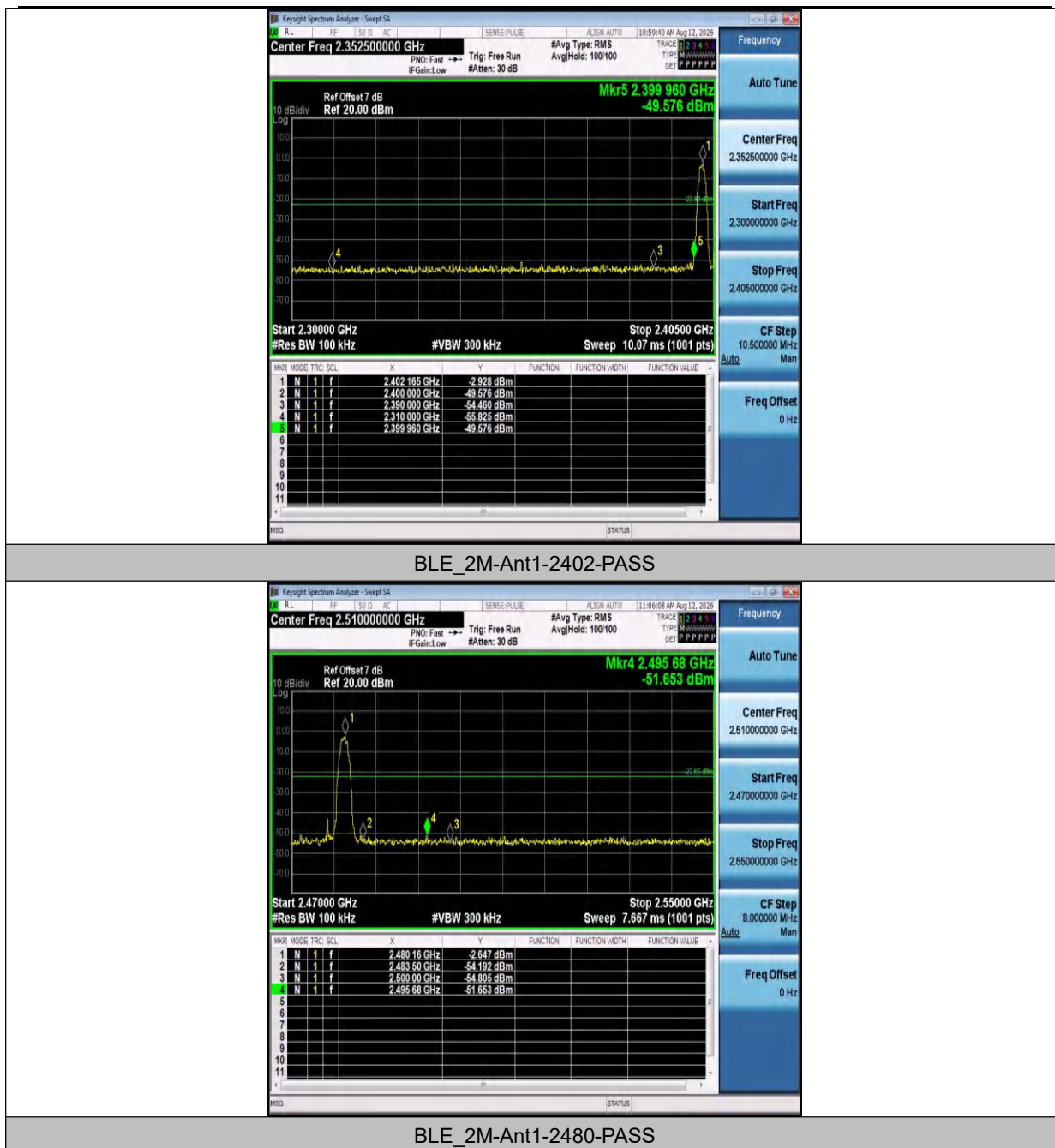
Test Graphs



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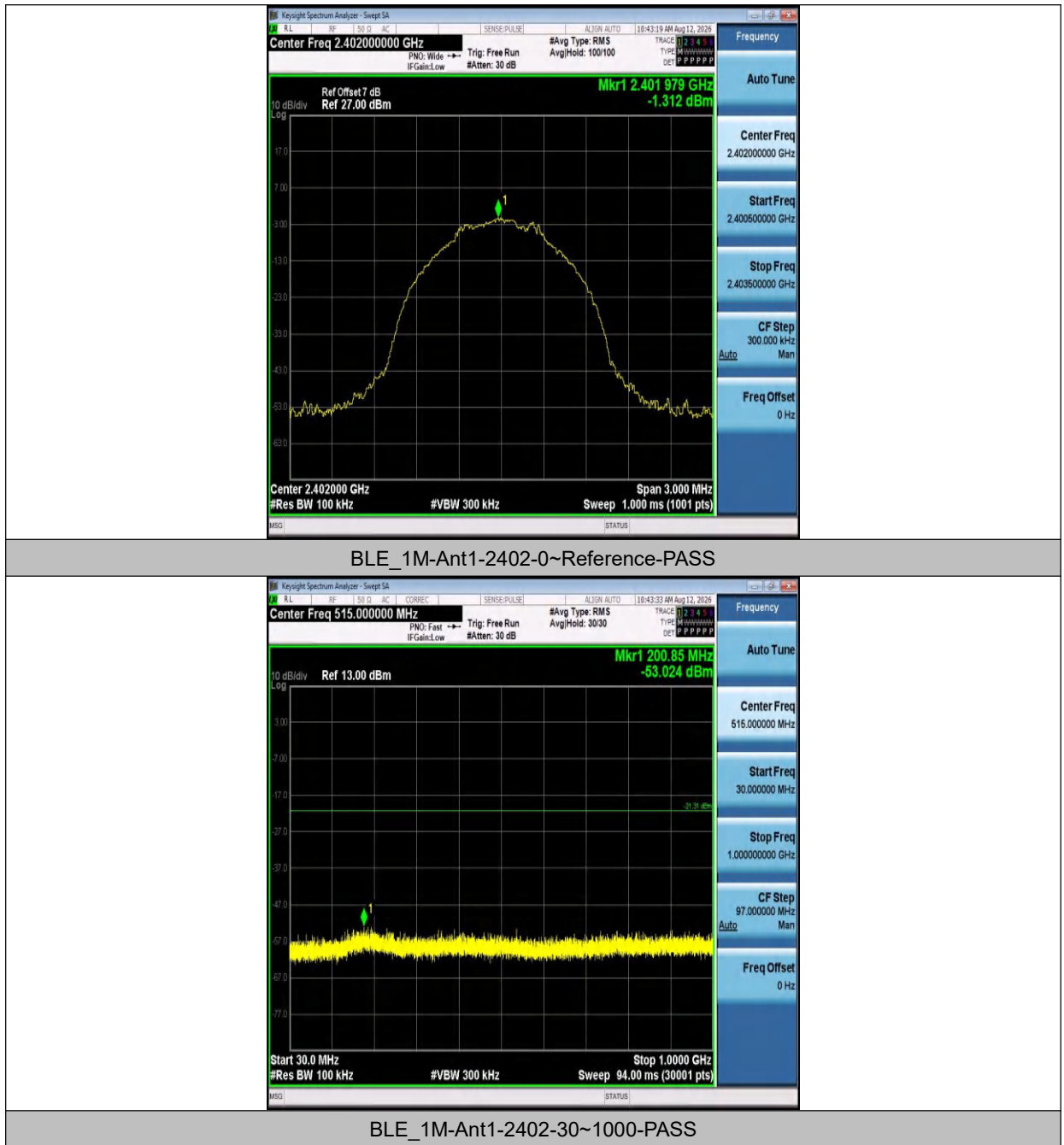
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.31	-1.31	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.31	-53.02	≤-21.31	PASS
BLE_1M	Ant1	2402	1000~26500	-1.31	-24.75	≤-21.31	PASS
BLE_1M	Ant1	2440	0~Reference	-0.69	-0.69	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.69	-52.44	≤-20.69	PASS
BLE_1M	Ant1	2440	1000~26500	-0.69	-28.44	≤-20.69	PASS
BLE_1M	Ant1	2480	0~Reference	-1.28	-1.28	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.28	-53.03	≤-21.28	PASS
BLE_1M	Ant1	2480	1000~26500	-1.28	-37.25	≤-21.28	PASS
BLE_2M	Ant1	2402	0~Reference	-3.19	-3.19	---	PASS
BLE_2M	Ant1	2402	30~1000	-3.19	-52.99	≤-23.19	PASS
BLE_2M	Ant1	2402	1000~26500	-3.19	-26.44	≤-23.19	PASS
BLE_2M	Ant1	2440	0~Reference	-2.73	-2.73	---	PASS
BLE_2M	Ant1	2440	30~1000	-2.73	-51.86	≤-22.73	PASS
BLE_2M	Ant1	2440	1000~26500	-2.73	-28.52	≤-22.73	PASS
BLE_2M	Ant1	2480	0~Reference	-3.12	-3.12	---	PASS
BLE_2M	Ant1	2480	30~1000	-3.12	-53.25	≤-23.12	PASS
BLE_2M	Ant1	2480	1000~26500	-3.12	-36.18	≤-23.12	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.

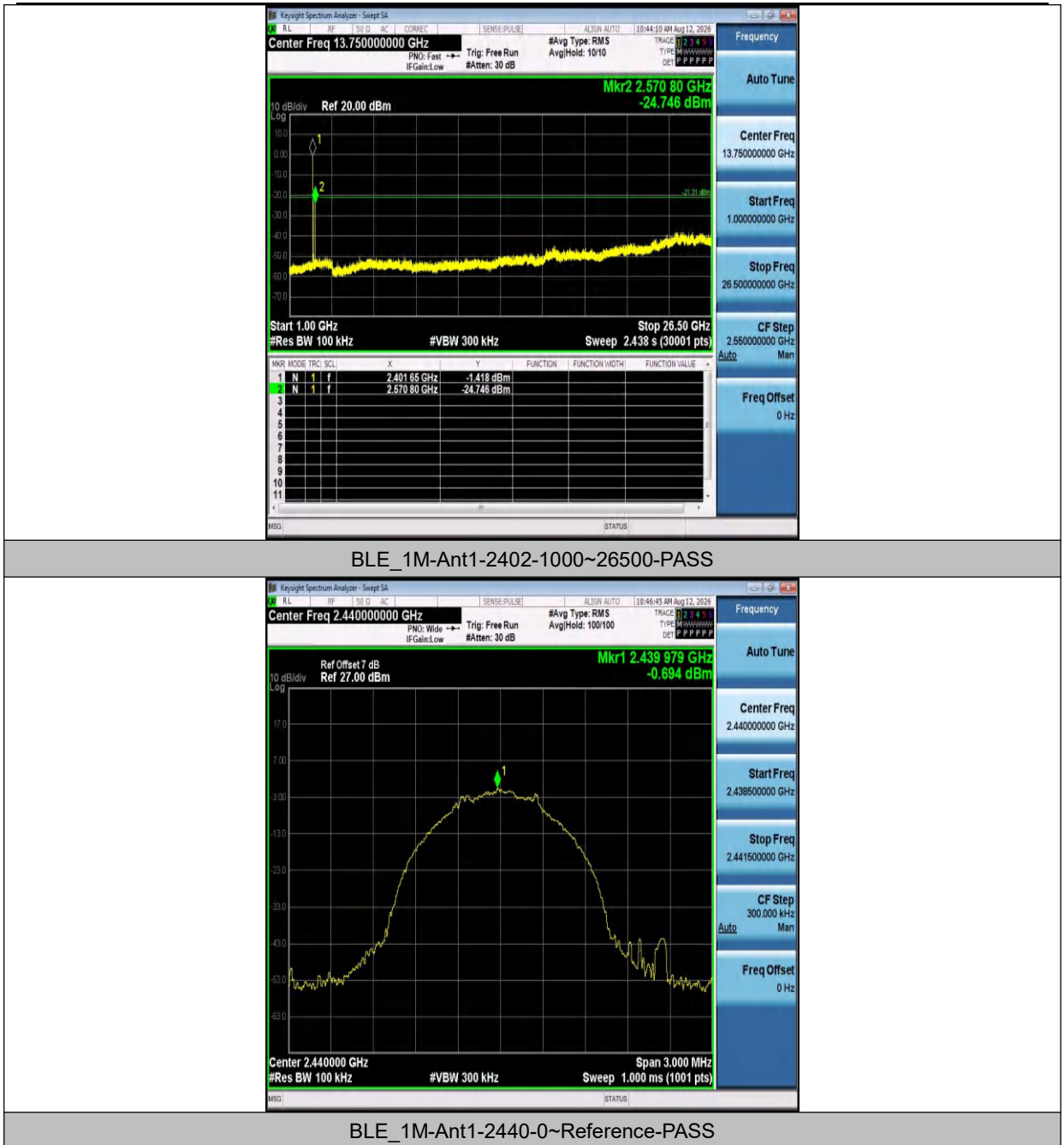
Test Graphs



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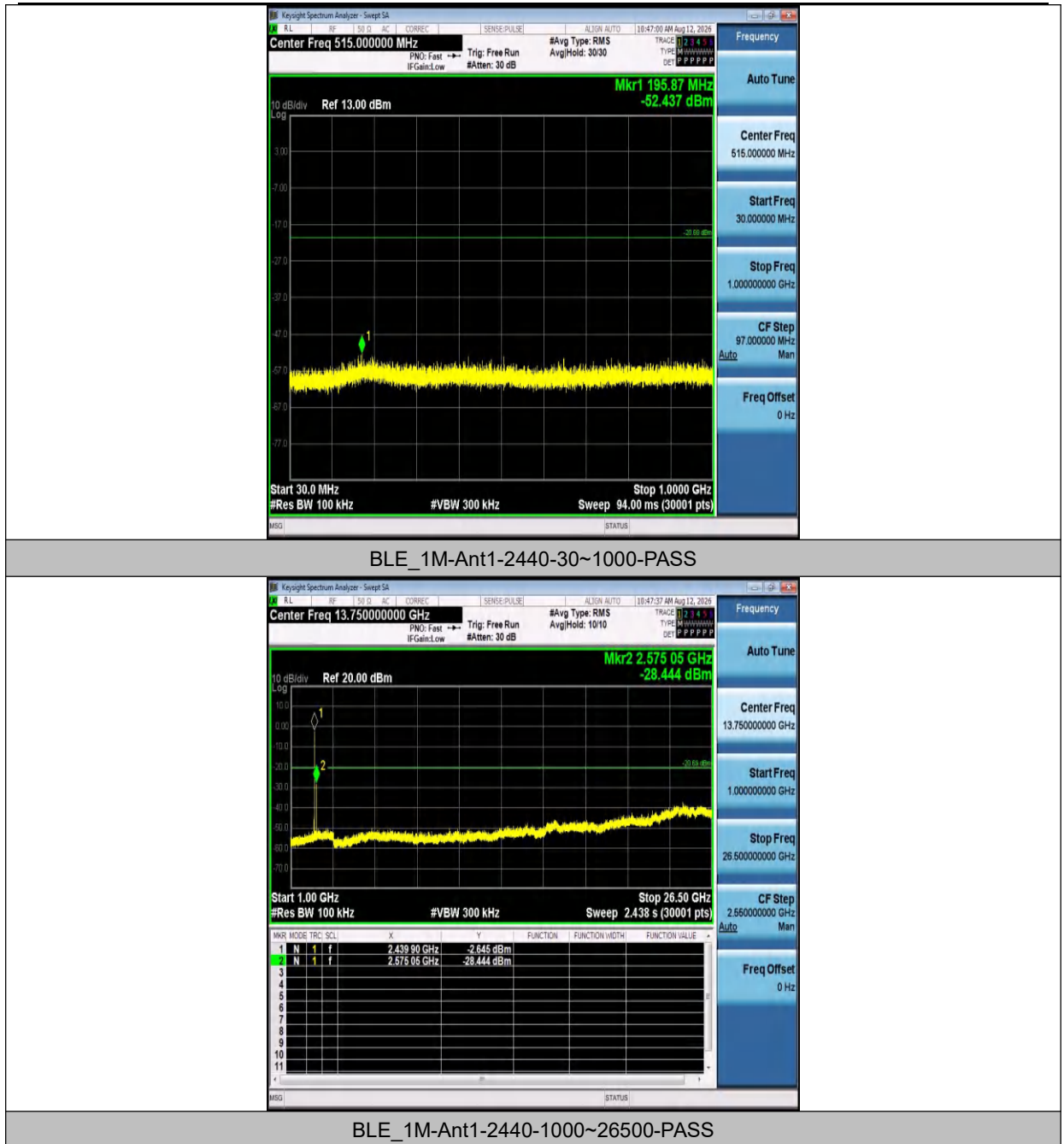
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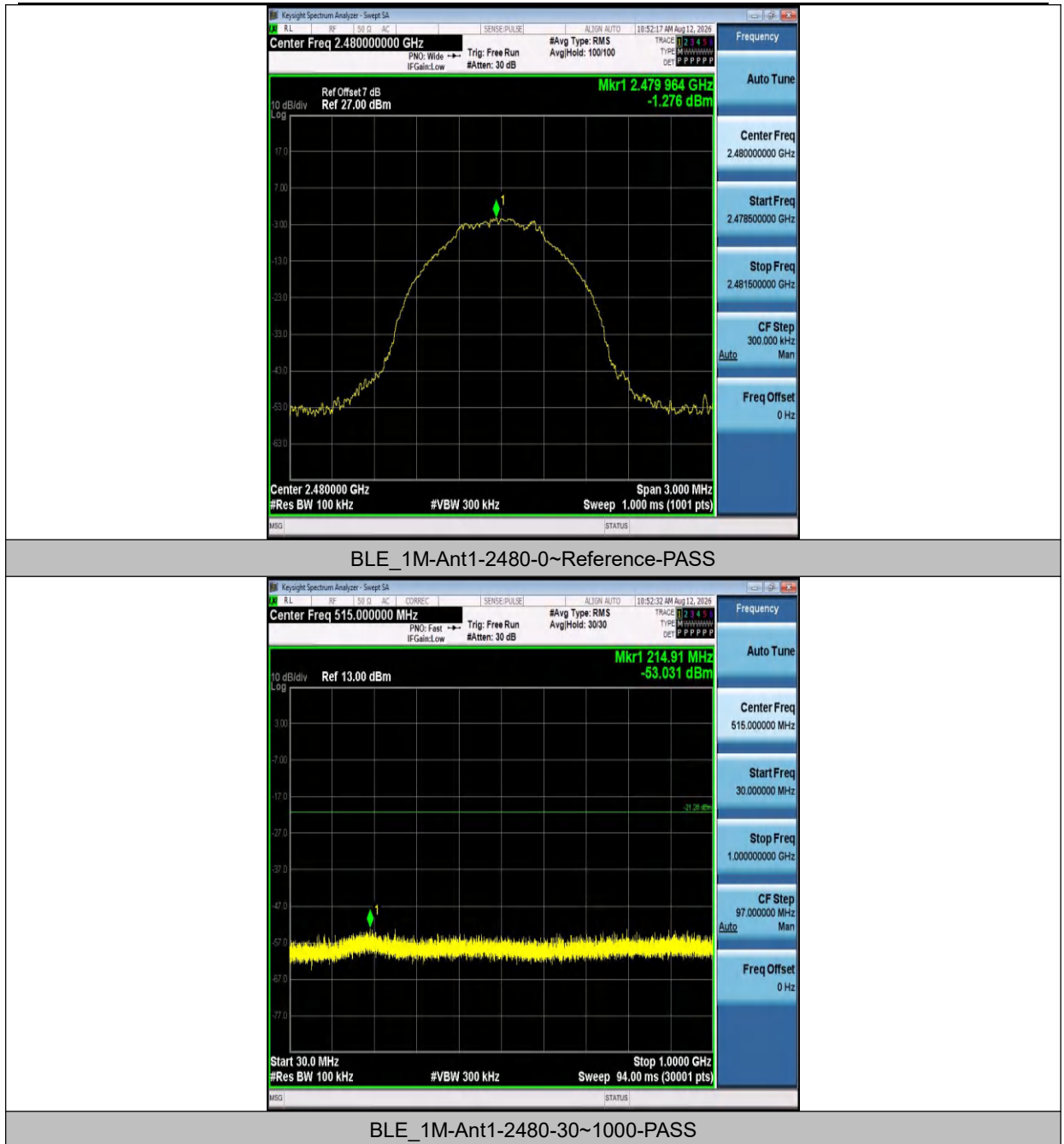
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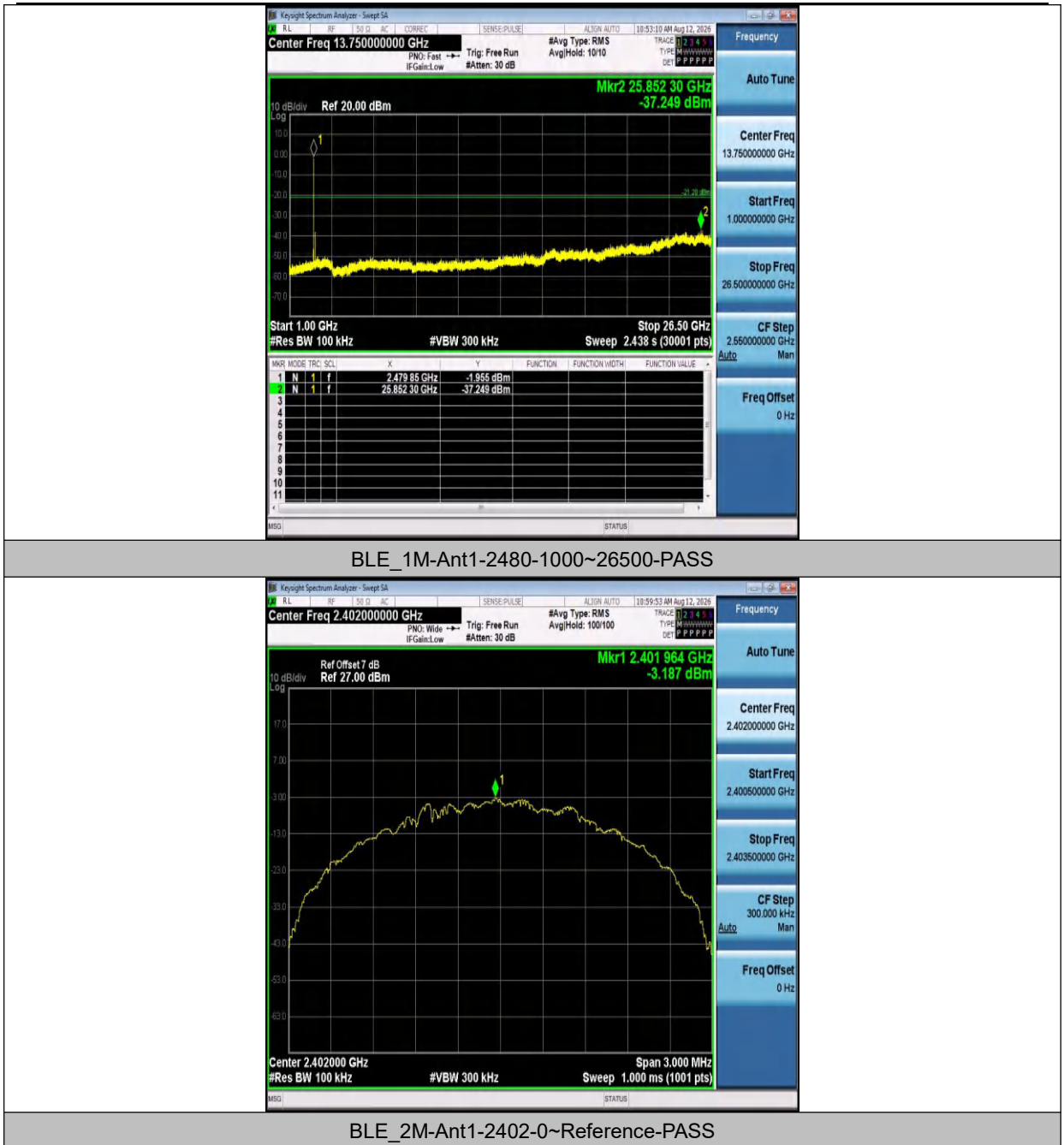
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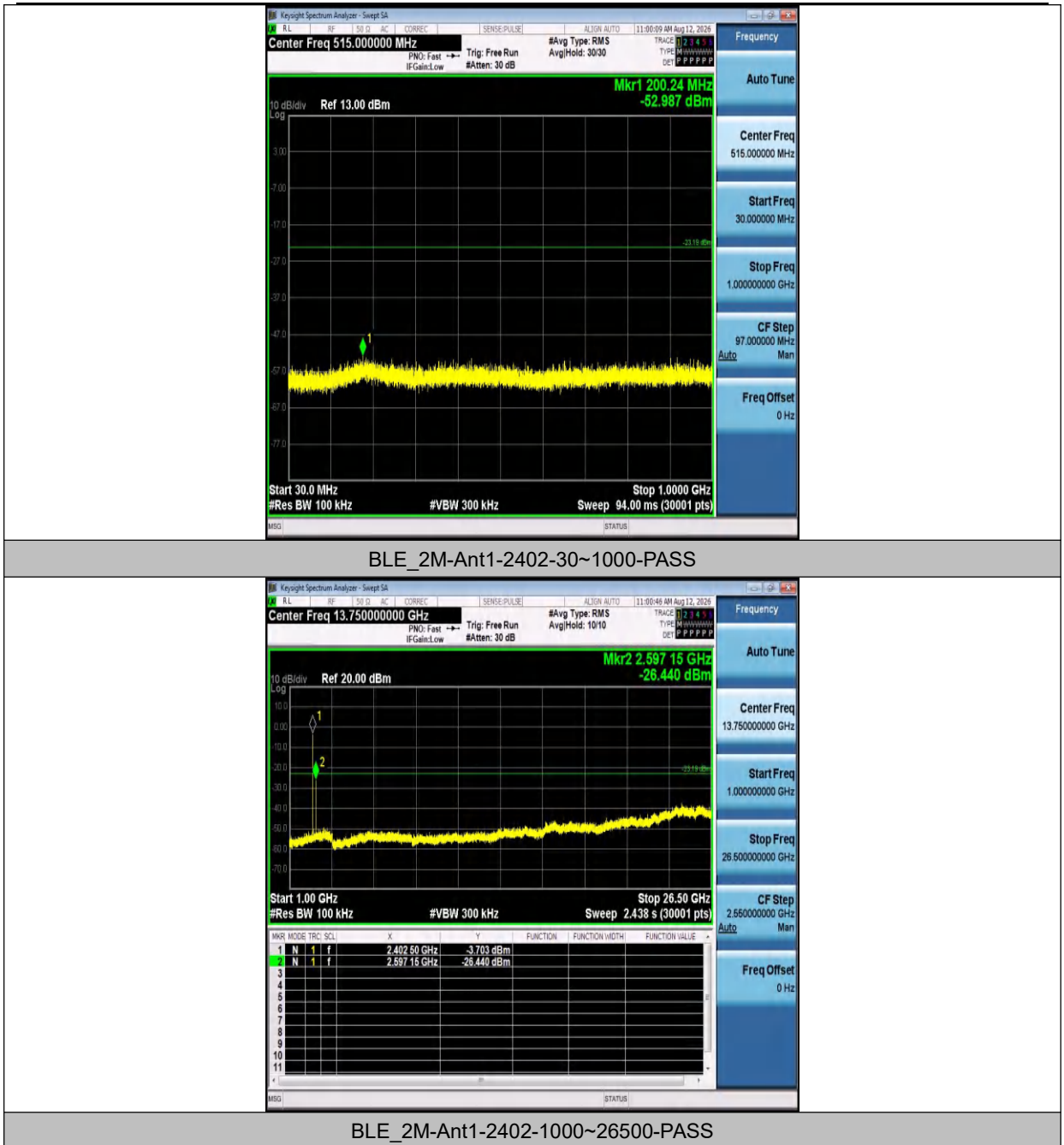
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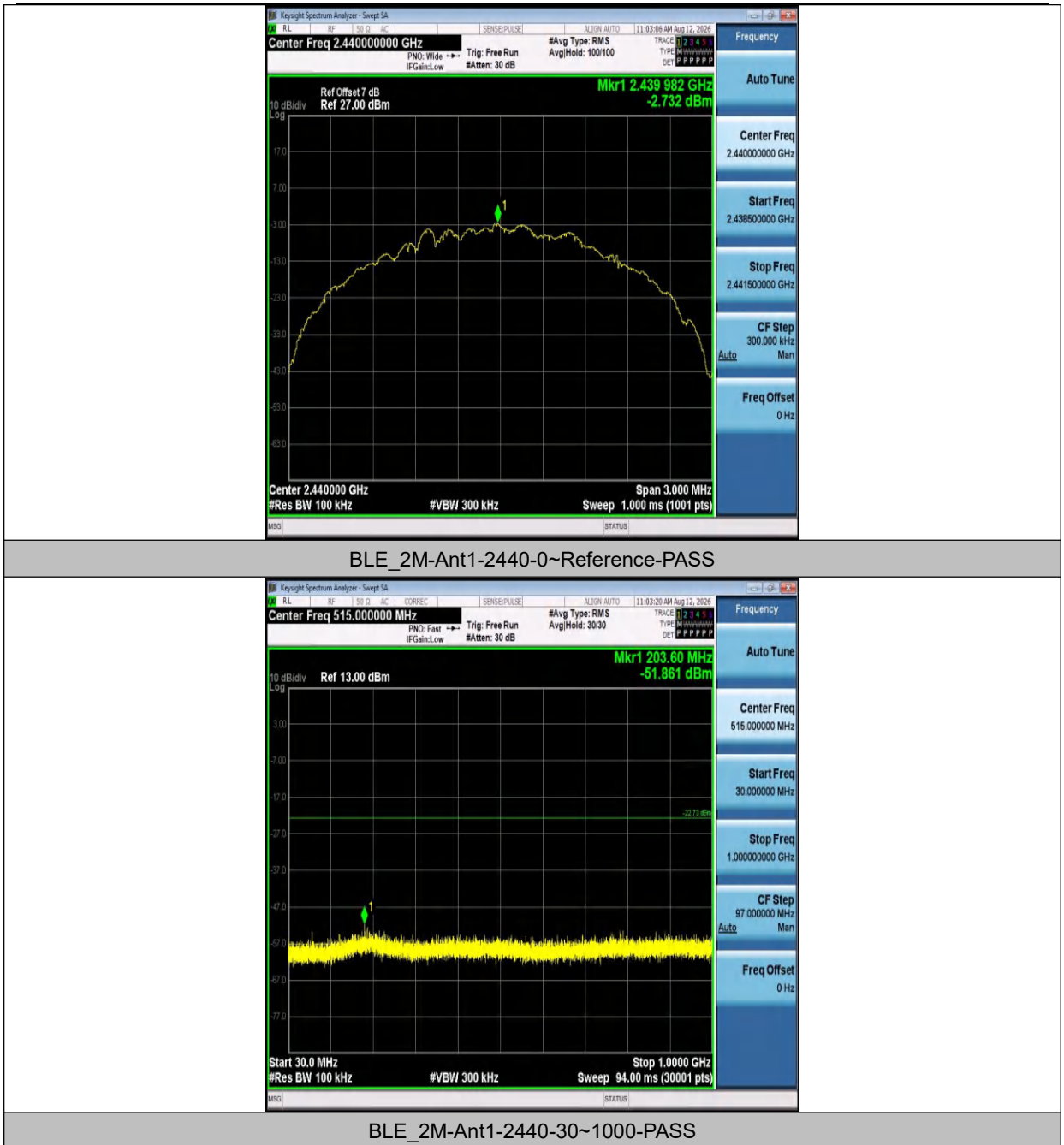
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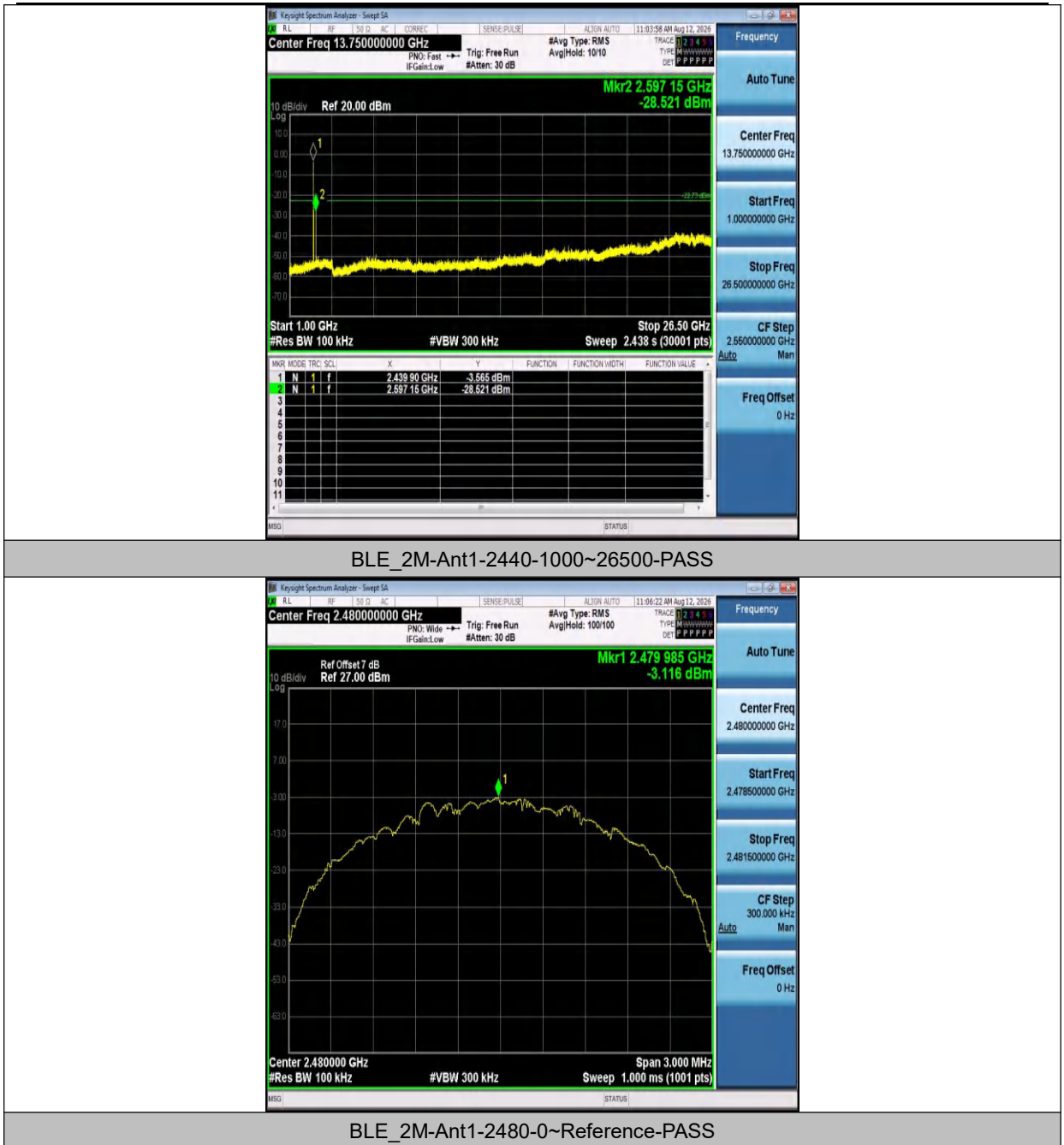
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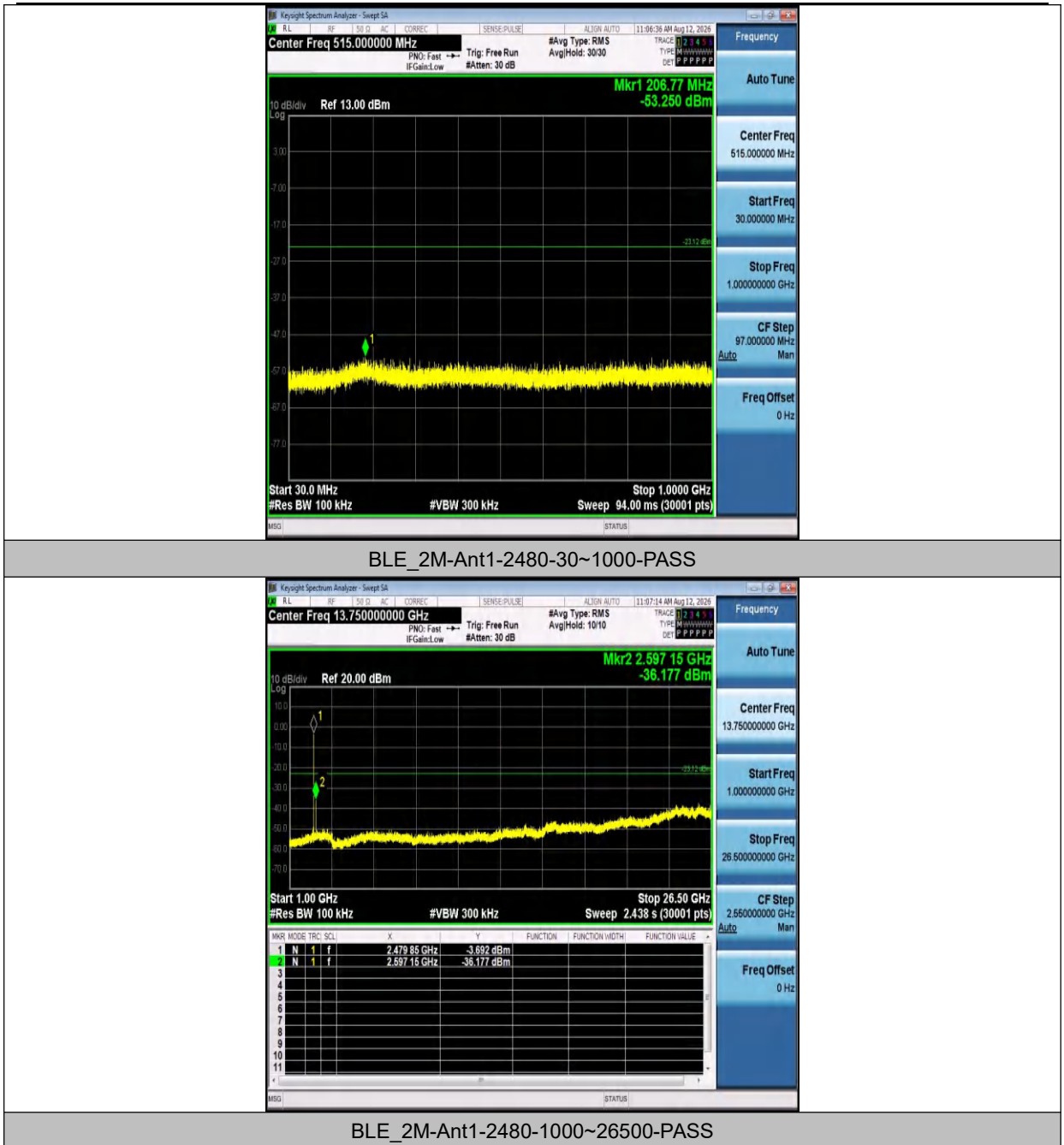
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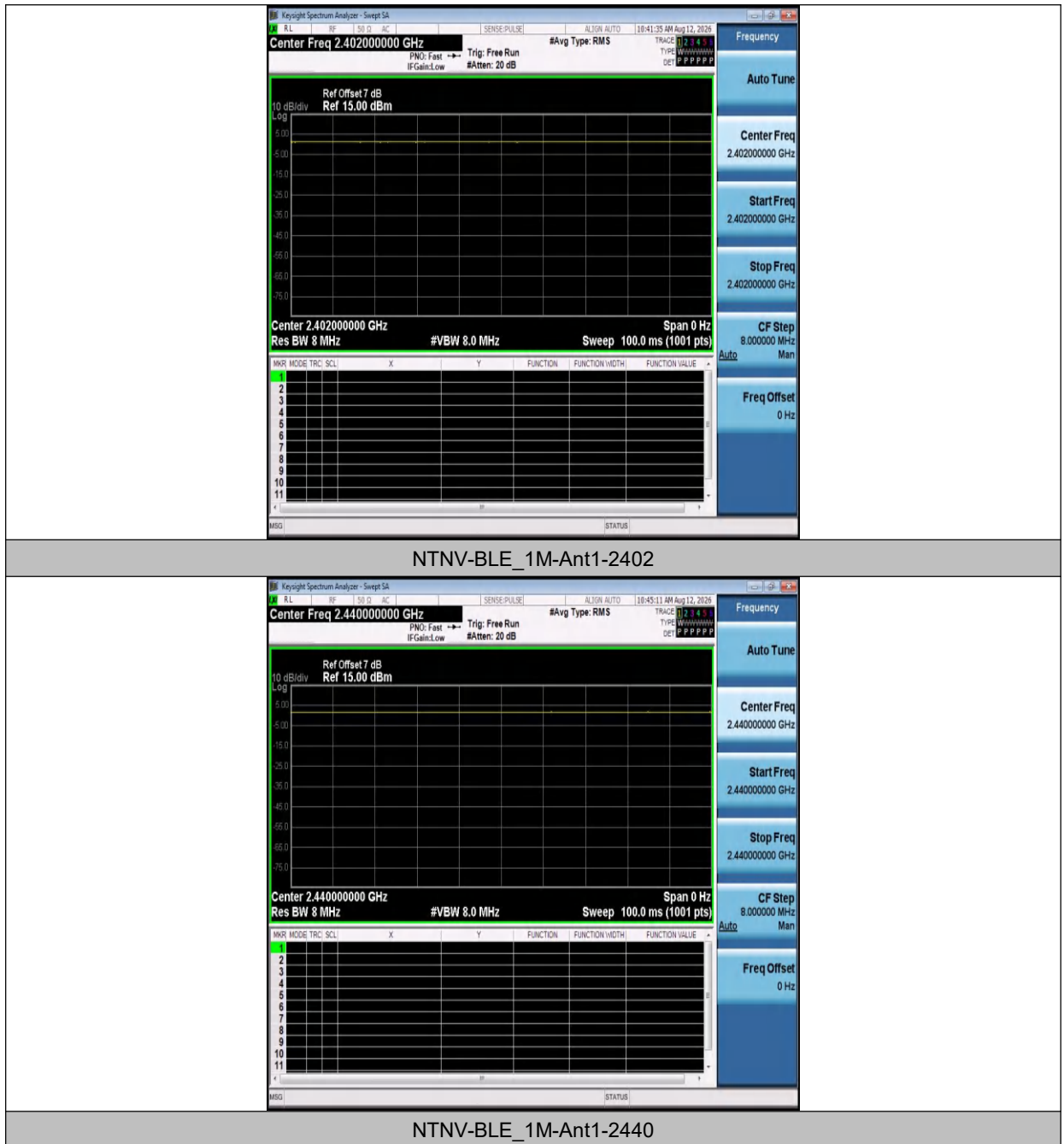
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_1M	Ant1	2480	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2402	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2440	100.00	100.00	100.00	0.00
BLE_2M	Ant1	2480	100.00	100.00	100.00	0.00

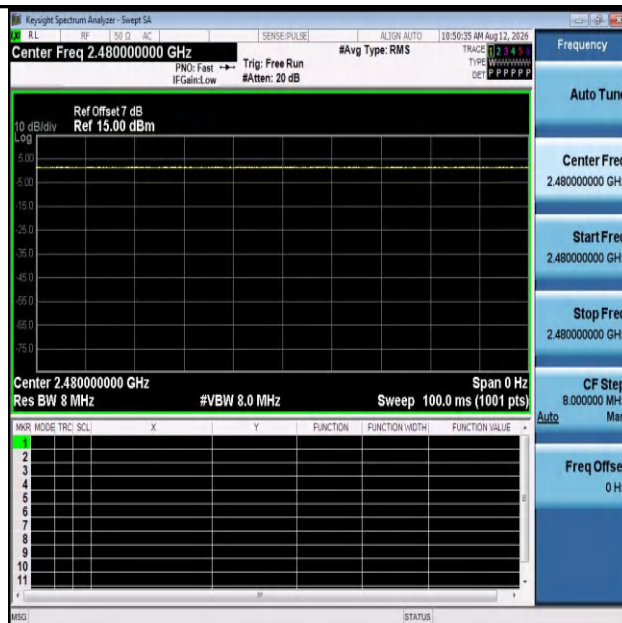
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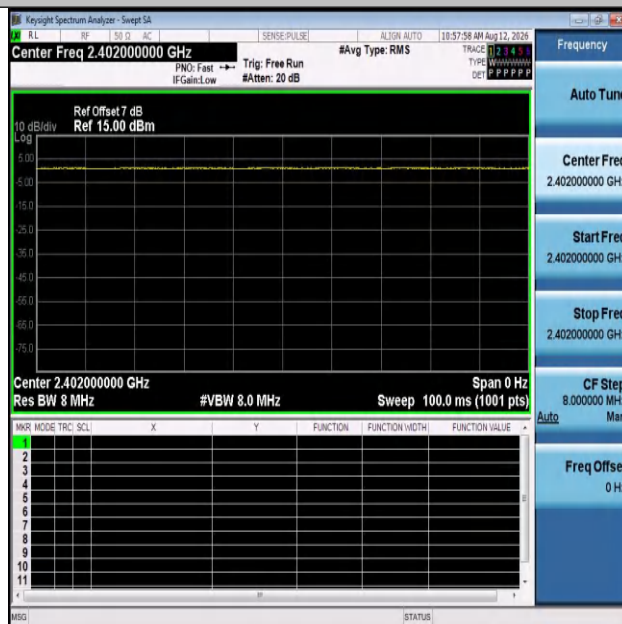
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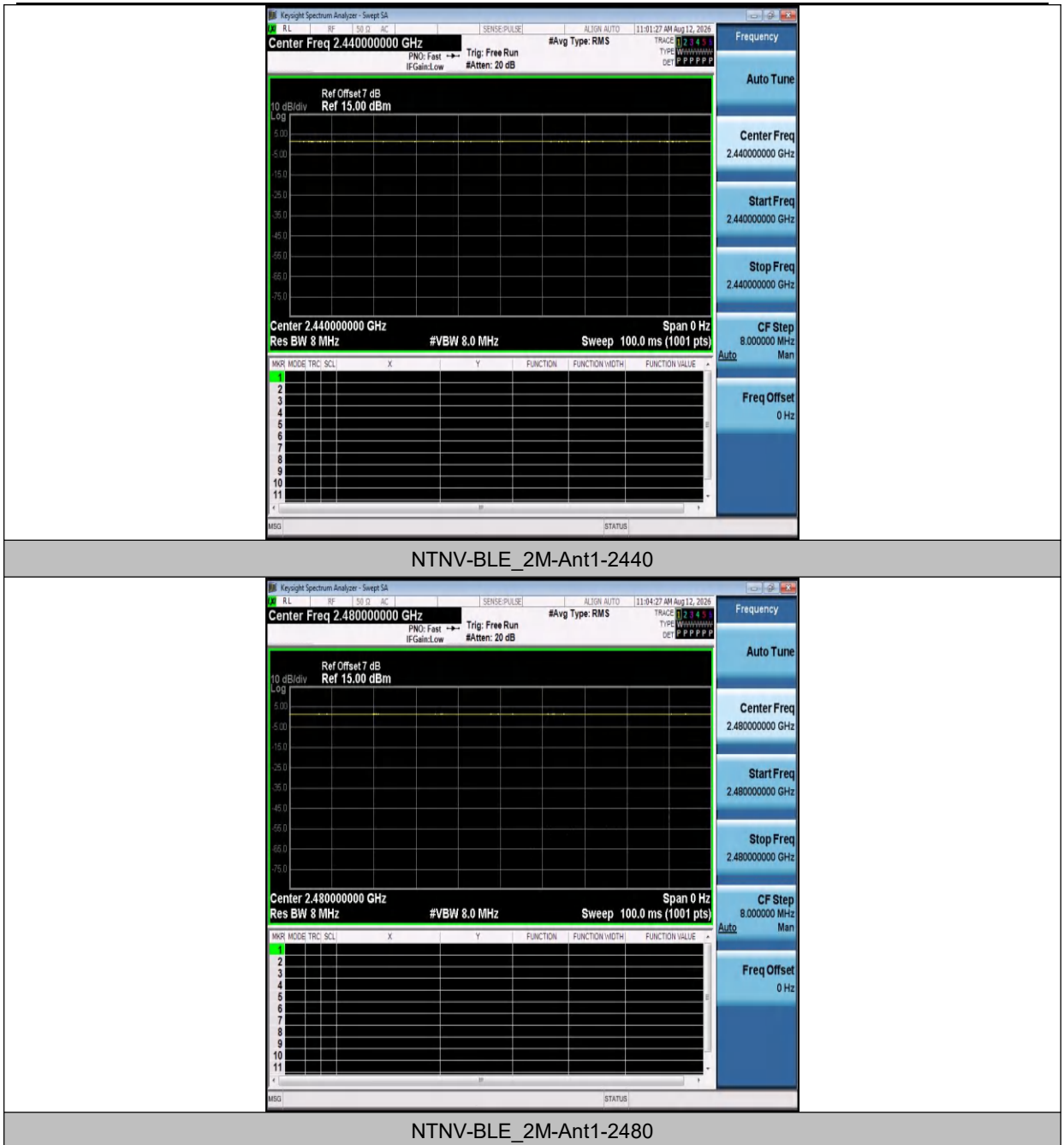


NTNV-BLE 2M-Ant1-2402

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