

Appendix Test Data

Report No.:	1813C60177112501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-5-29	Finish Test Date:	2026-6-3
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22°C	Relative Humidity:	71%
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	0.656	2401.668	2402.324	0.5	PASS
BLE_1M	Ant1	2440	0.684	2439.656	2440.340	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.664	2480.344	0.5	PASS

Test Graphs



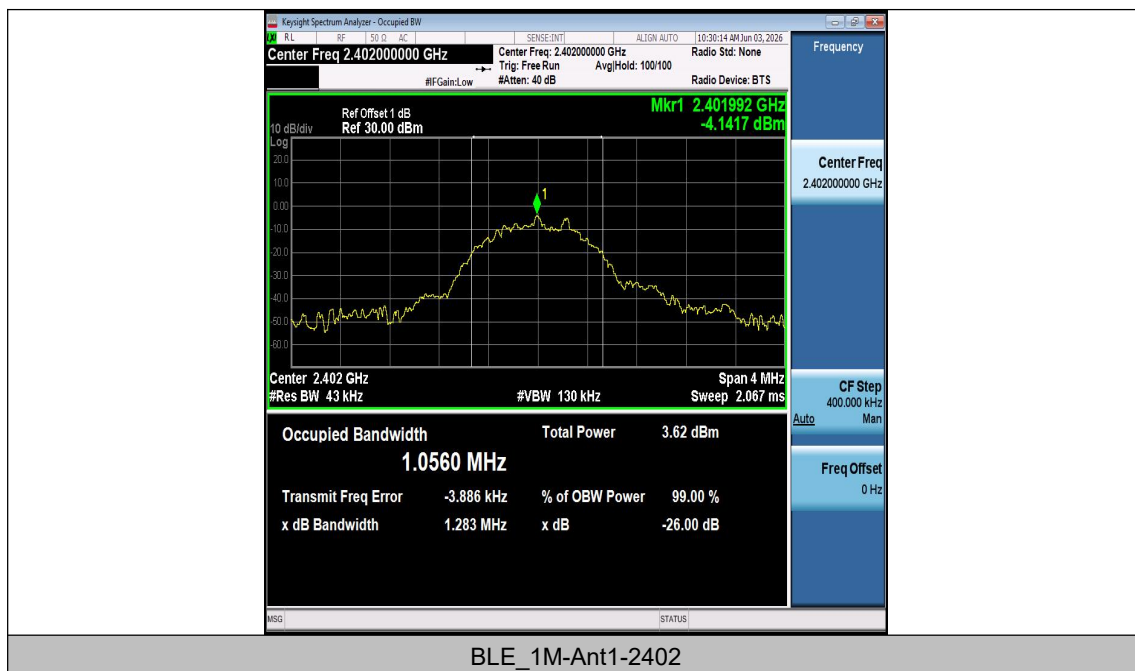


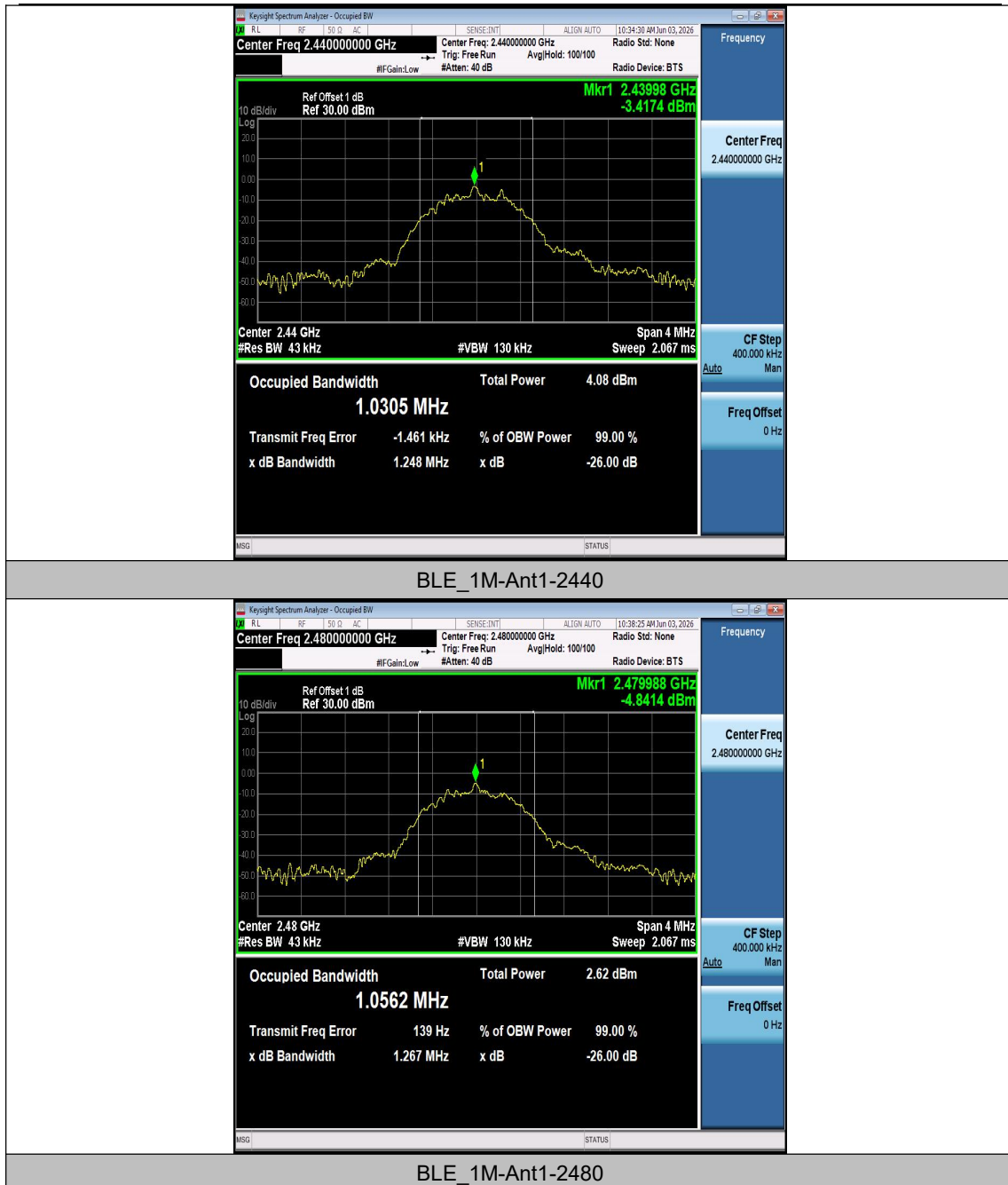
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0560	2401.4681	2402.5241	---	---
BLE_1M	Ant1	2440	1.0305	2439.4833	2440.5138	---	---
BLE_1M	Ant1	2480	1.0562	2479.4720	2480.5282	---	---

Test Graphs





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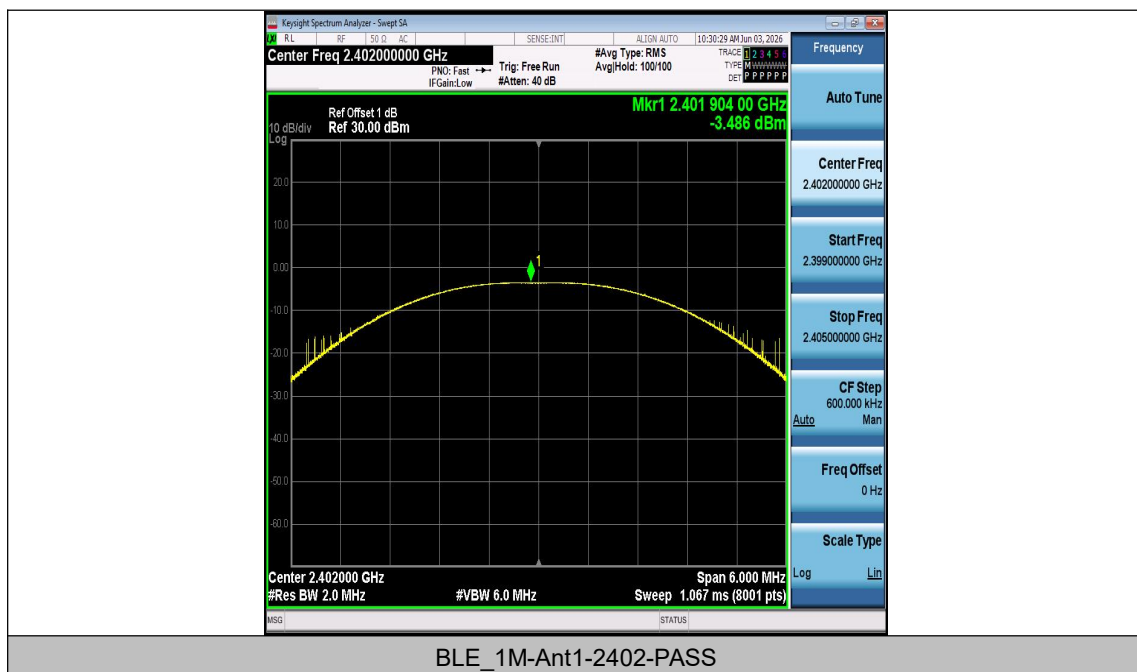
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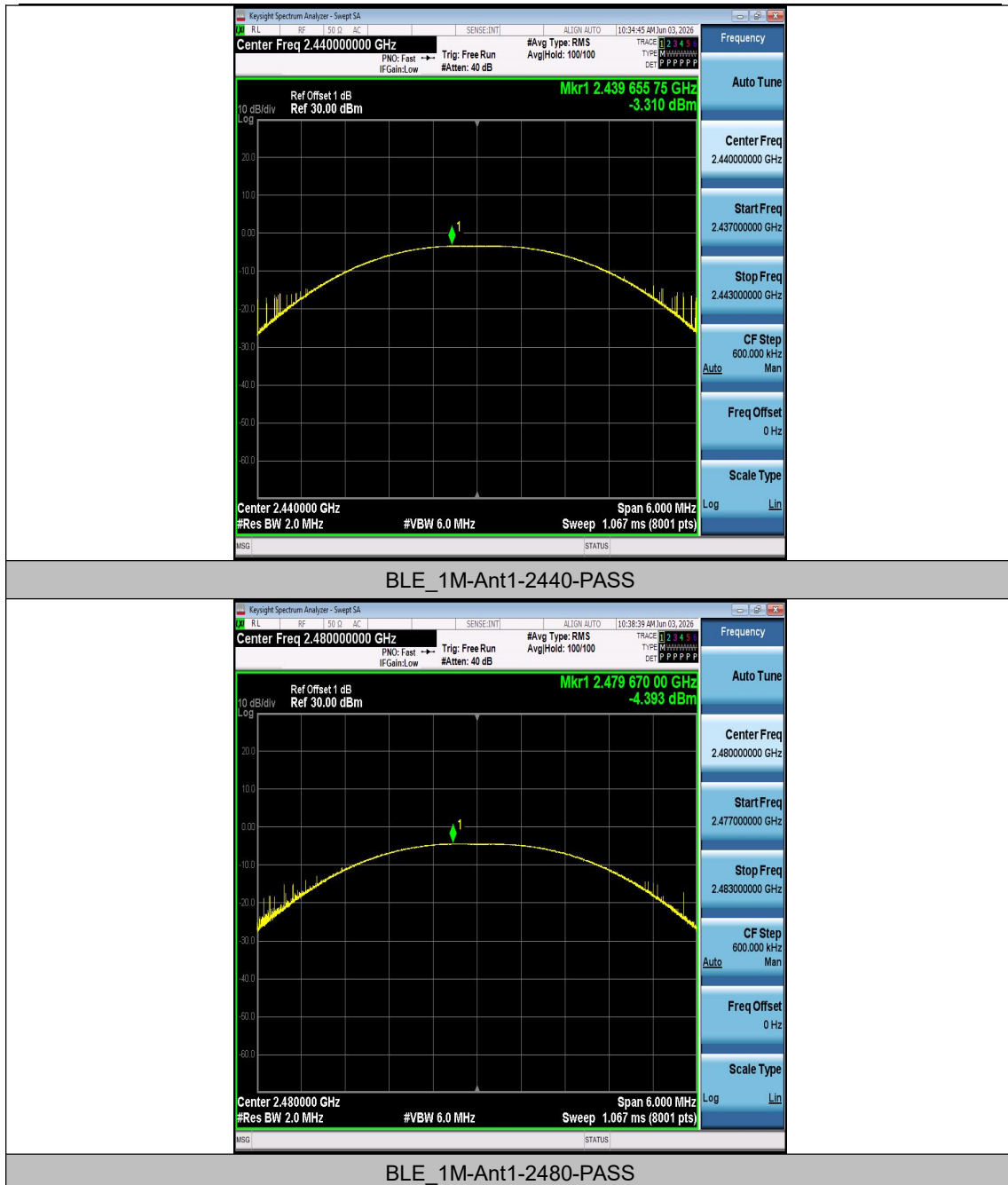
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-3.49	≤30	PASS
BLE_1M	Ant1	2440	-3.31	≤30	PASS
BLE_1M	Ant1	2480	-4.39	≤30	PASS

Test Graphs Peak





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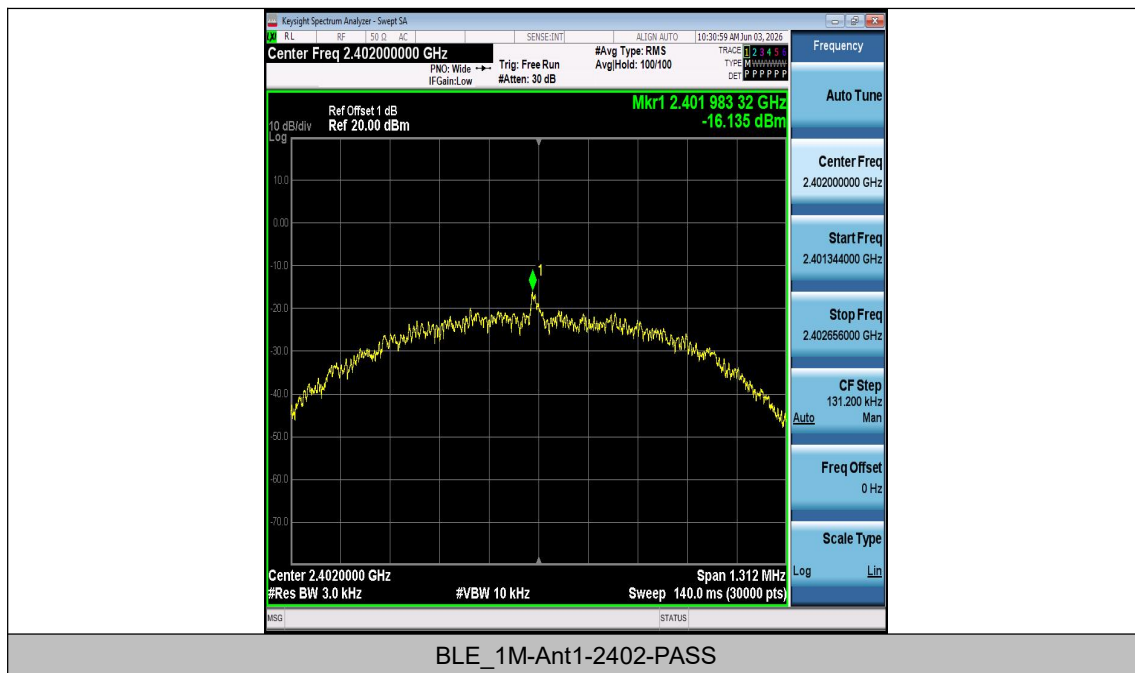
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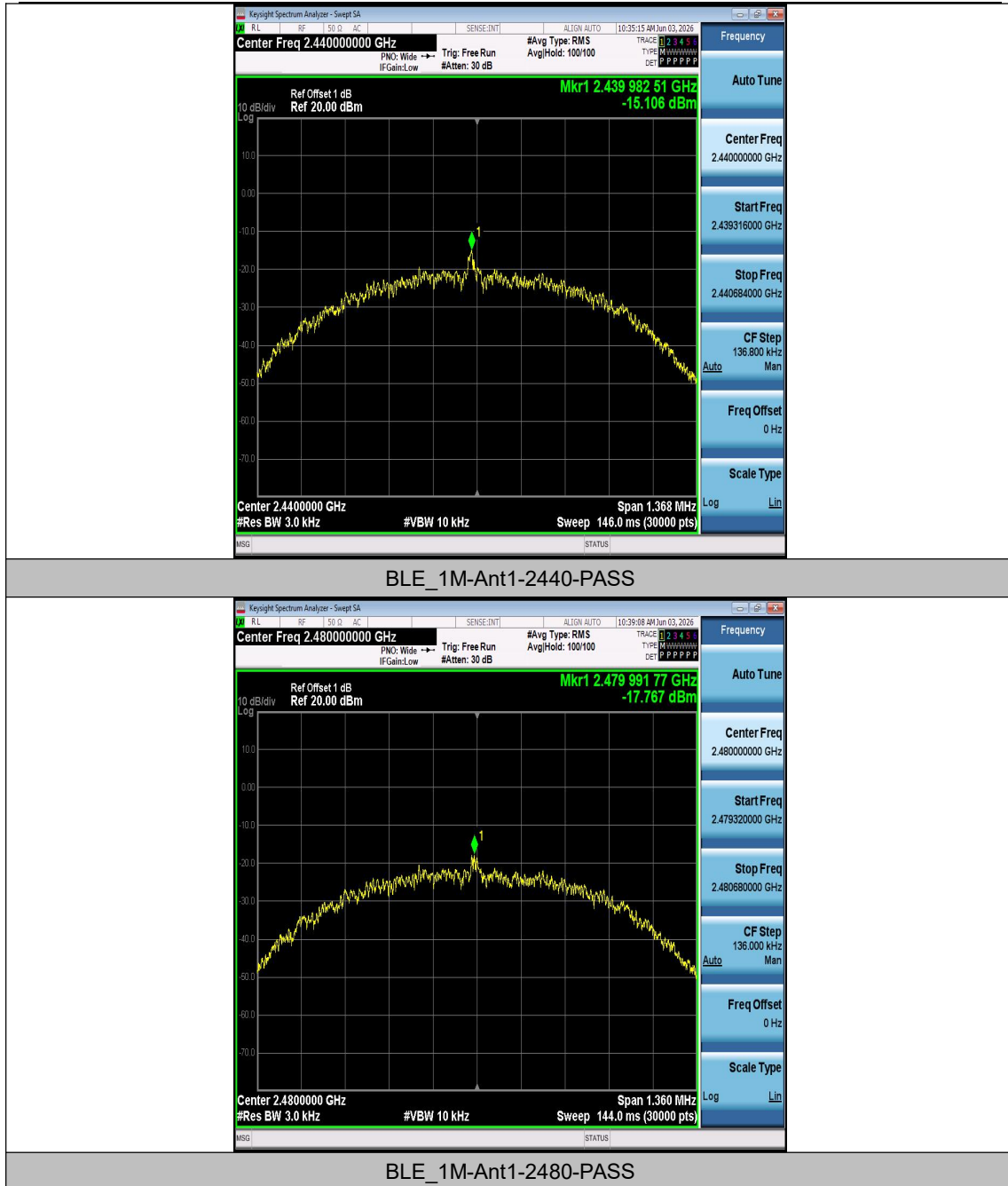
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.14	≤8.00	PASS
BLE_1M	Ant1	2440	-15.11	≤8.00	PASS
BLE_1M	Ant1	2480	-17.77	≤8.00	PASS

Test Graphs





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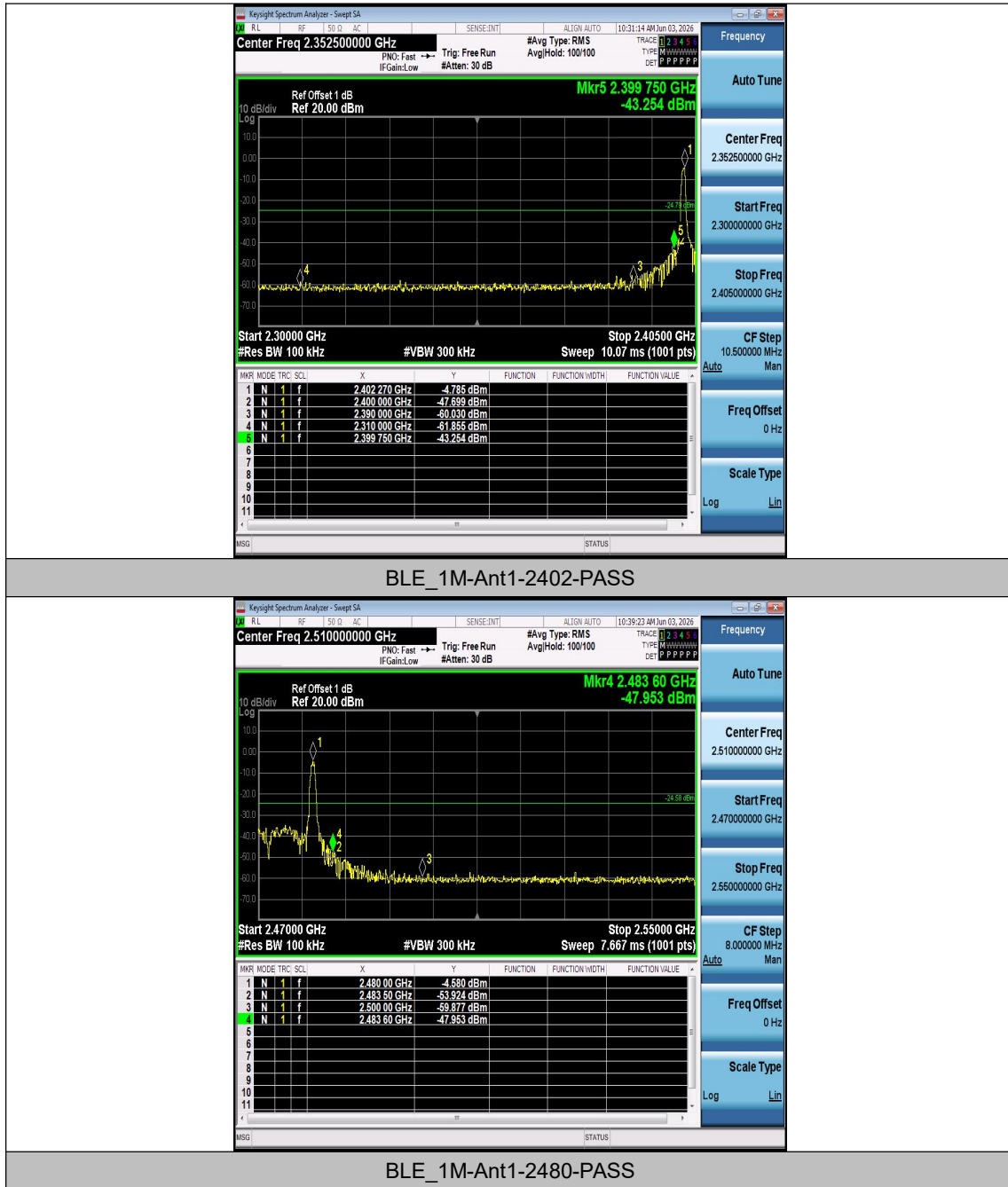
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.79	-43.25	≤-24.79	PASS
BLE_1M	Ant1	High	2480	-4.58	-47.95	≤-24.58	PASS

Test Graphs



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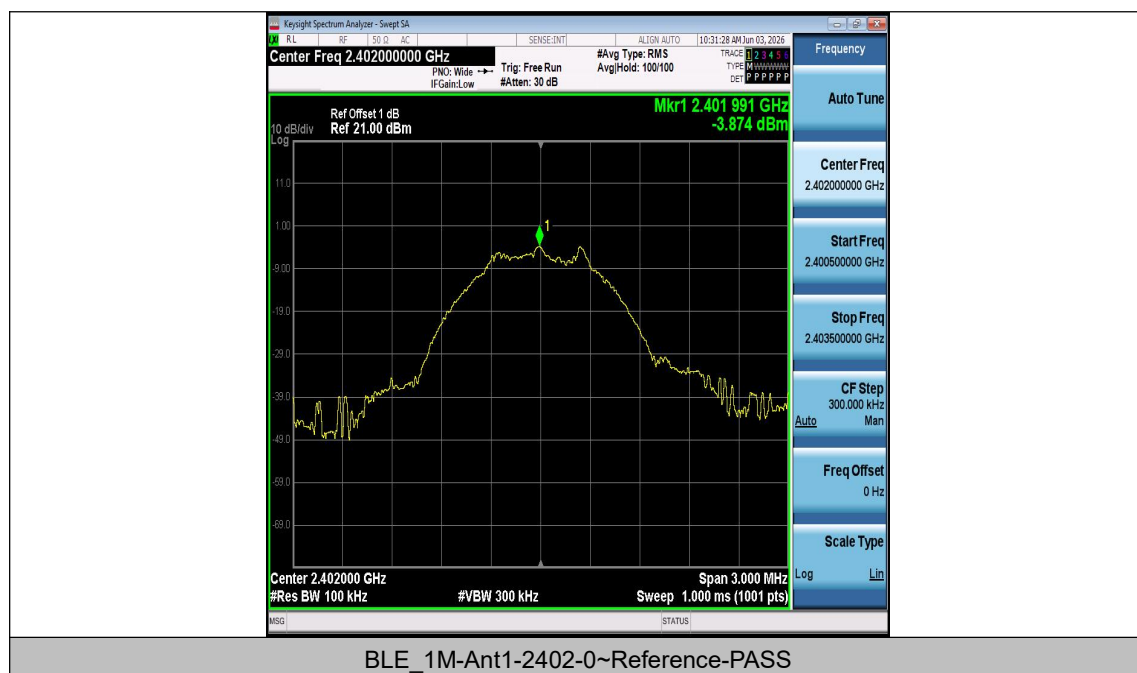
Appendix F: Conducted Spurious Emission

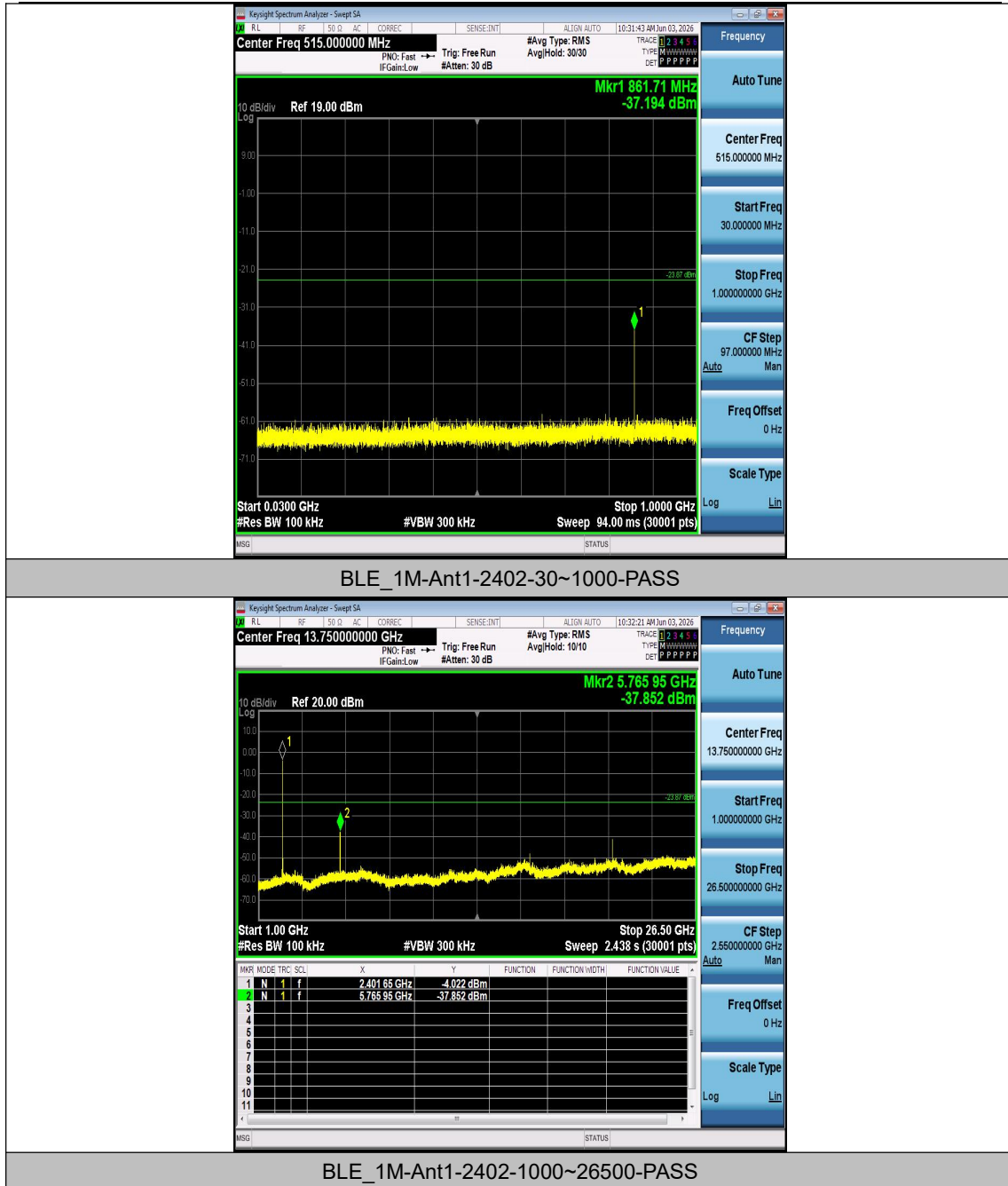
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-3.87	-3.87	---	PASS
BLE_1M	Ant1	2402	30~1000	-3.87	-37.19	≤-23.87	PASS
BLE_1M	Ant1	2402	1000~26500	-3.87	-37.85	≤-23.87	PASS
BLE_1M	Ant1	2440	0~Reference	-3.50	-3.50	---	PASS
BLE_1M	Ant1	2440	30~1000	-3.50	-55.07	≤-23.5	PASS
BLE_1M	Ant1	2440	1000~26500	-3.50	-43.08	≤-23.5	PASS
BLE_1M	Ant1	2480	0~Reference	-4.59	-4.59	---	PASS
BLE_1M	Ant1	2480	30~1000	-4.59	-52.69	≤-24.59	PASS
BLE_1M	Ant1	2480	1000~26500	-4.59	-46.89	≤-24.59	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

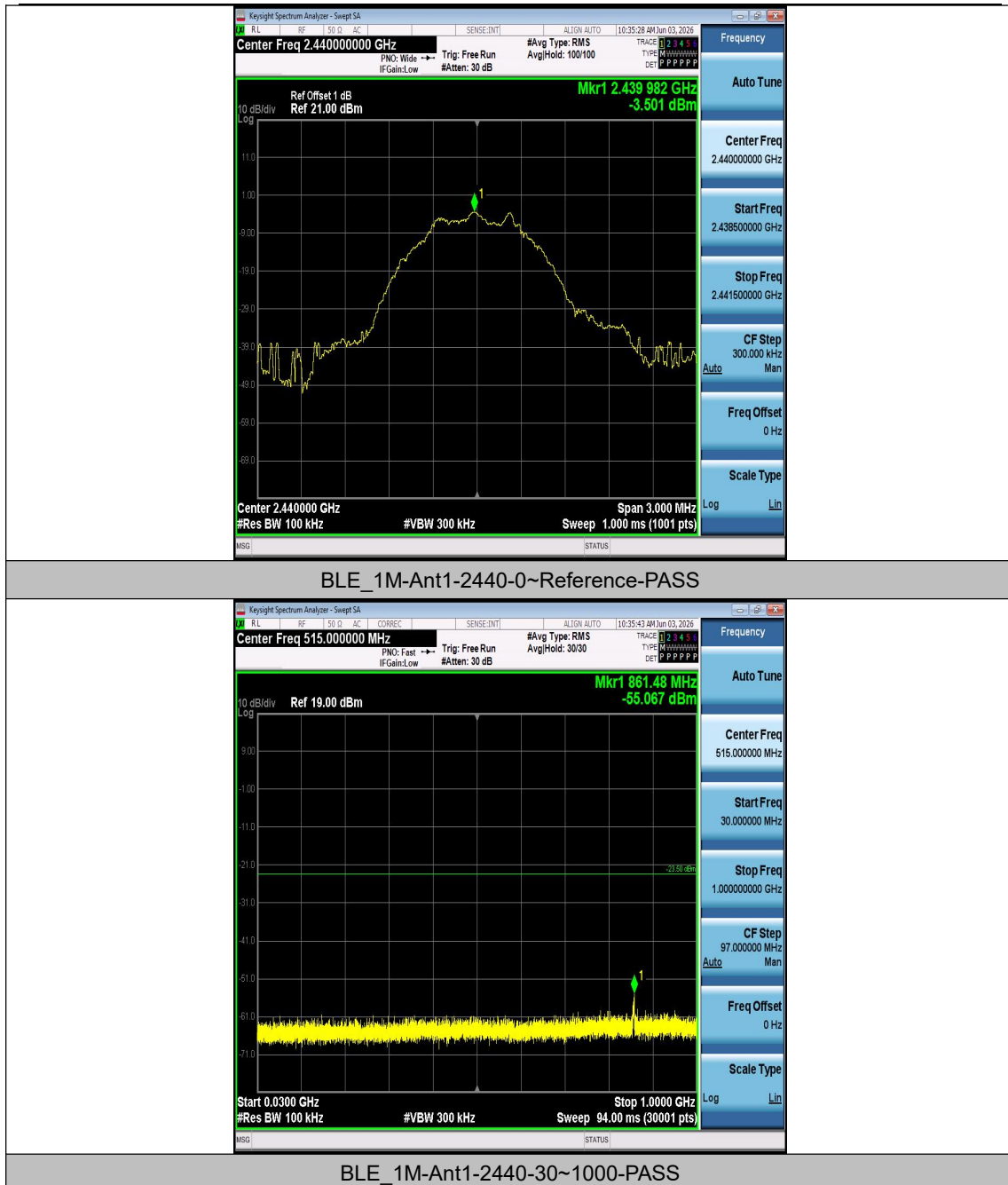




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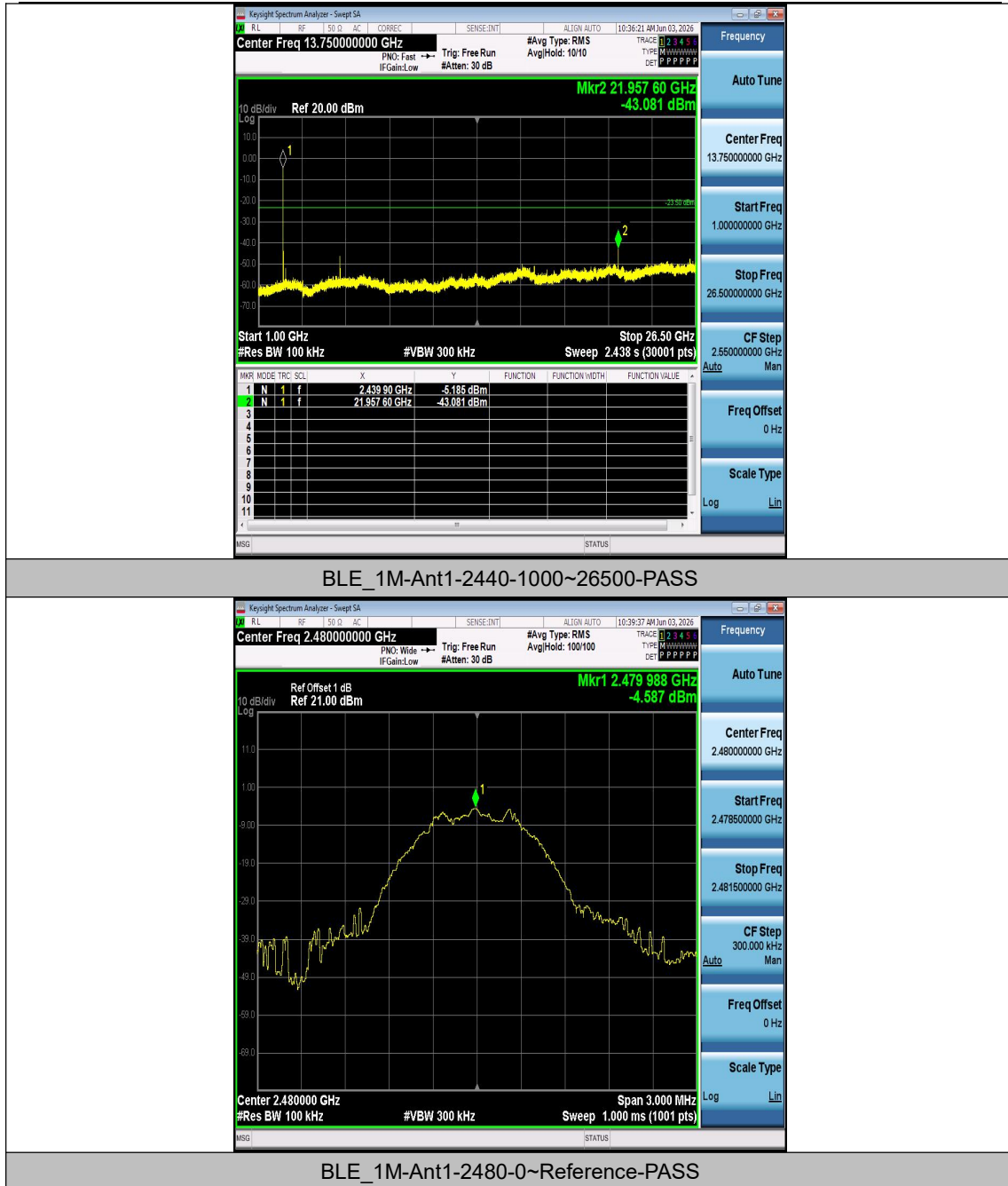
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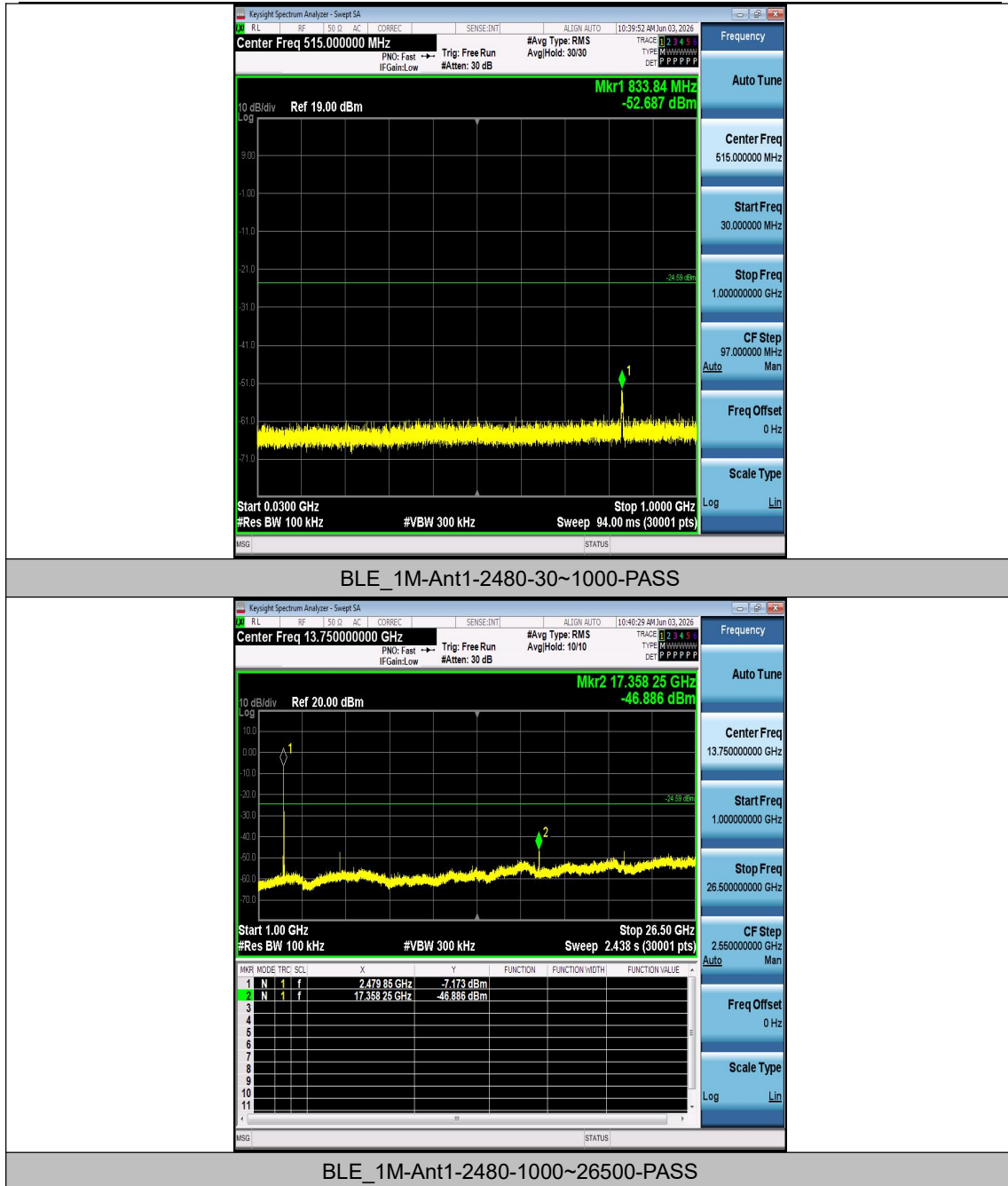
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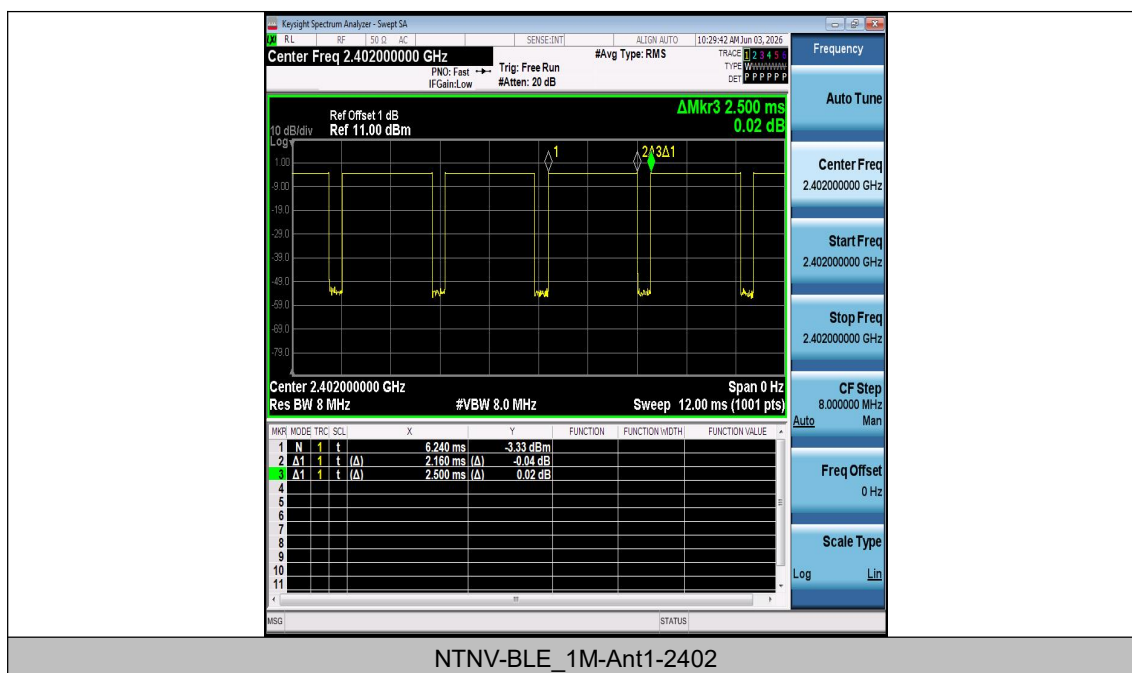


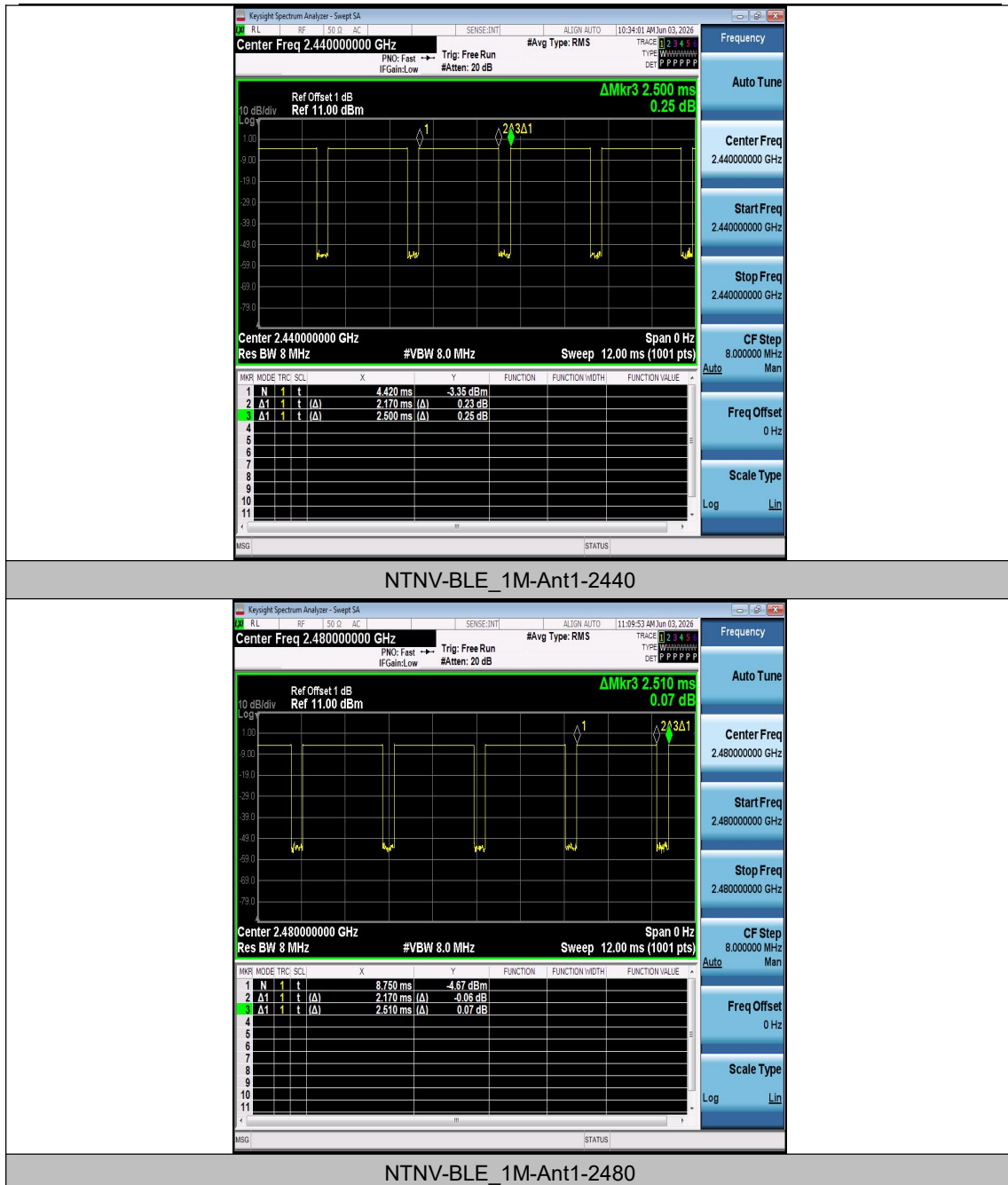
Appendix G: Duty Cycle

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	2.17	2.50	86.80	0.61
BLE_1M	Ant1	2480	2.17	2.51	86.45	0.63

Test Graphs





---End---