

Appendix Test Data

Report No.:	1812C60050912501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-20	Finish Test Date:	2026-1-26
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	23.1°C	Relative Humidity:	45%
Pressure:	101kPa		

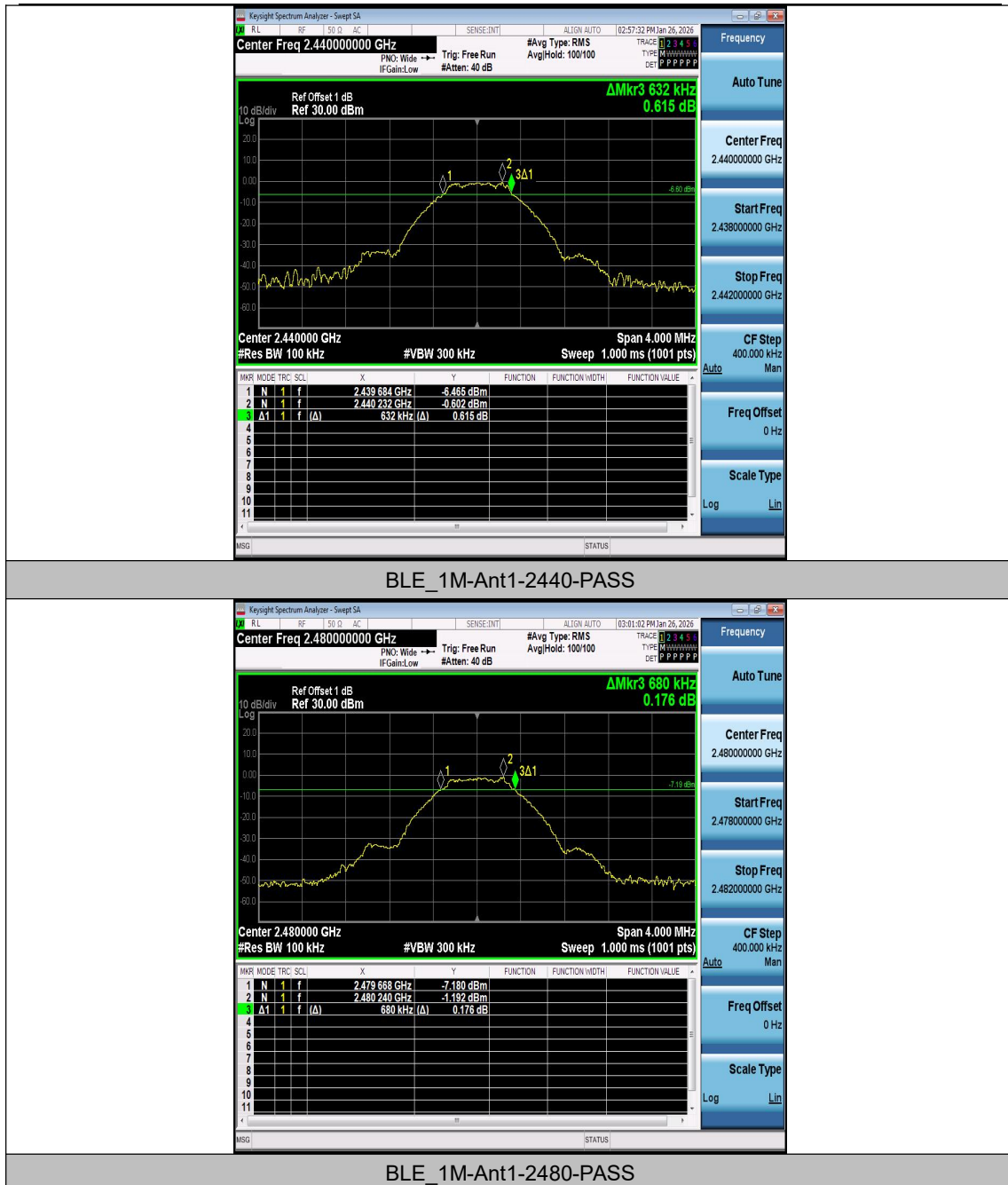
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.720	2401.648	2402.368	0.5	PASS
BLE_1M	Ant1	2440	0.632	2439.684	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.680	2479.668	2480.348	0.5	PASS

Test Graphs



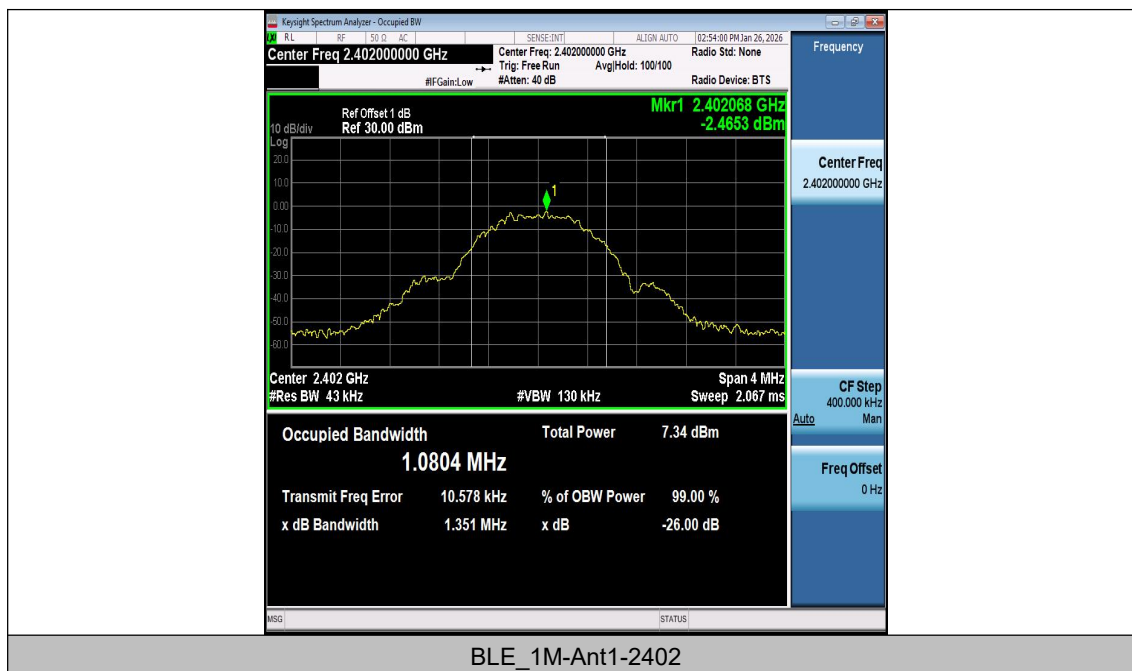


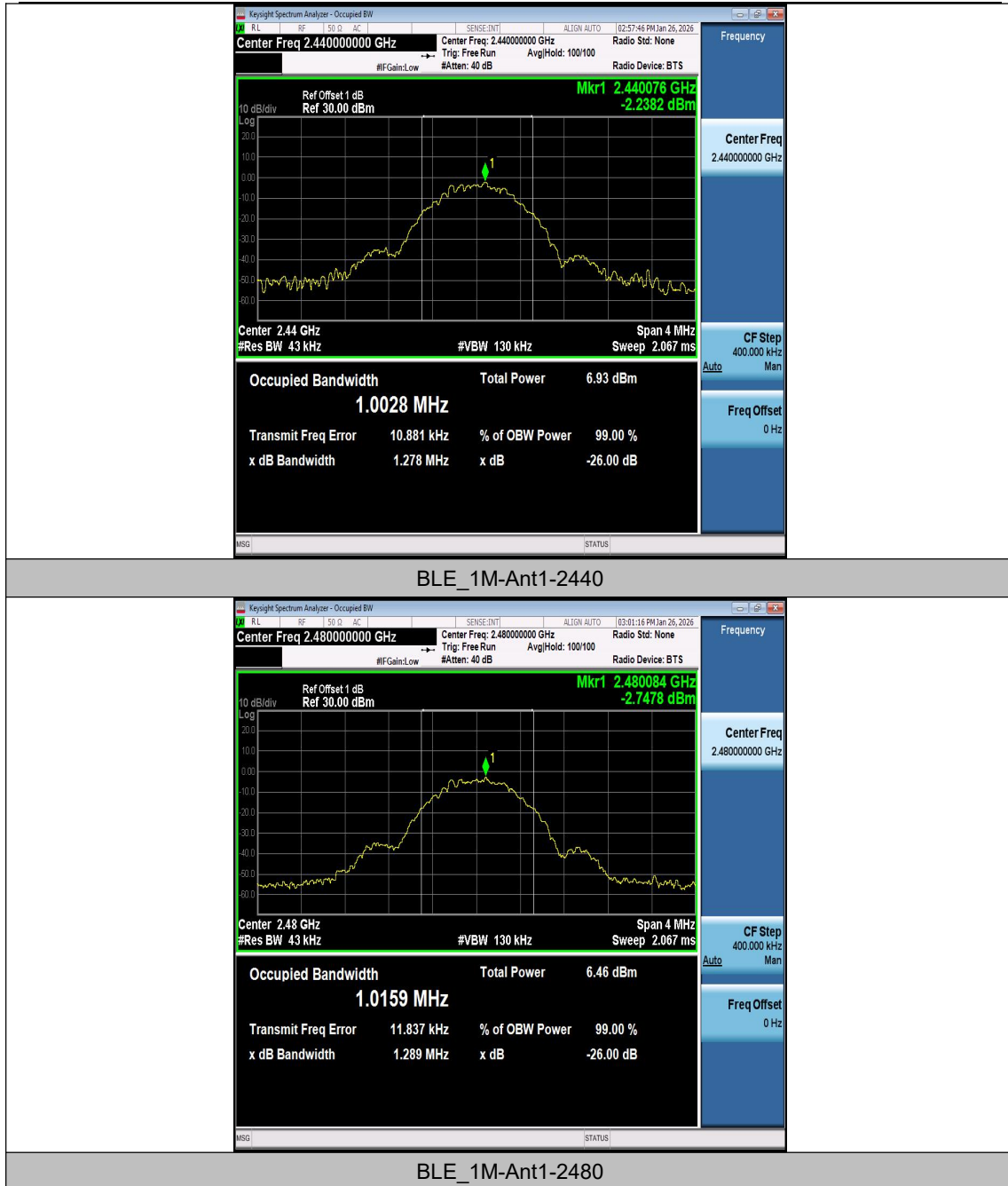
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0804	2401.4704	2402.5508	---	---
BLE_1M	Ant1	2440	1.0028	2439.5095	2440.5123	---	---
BLE_1M	Ant1	2480	1.0159	2479.5039	2480.5198	---	---

Test Graphs





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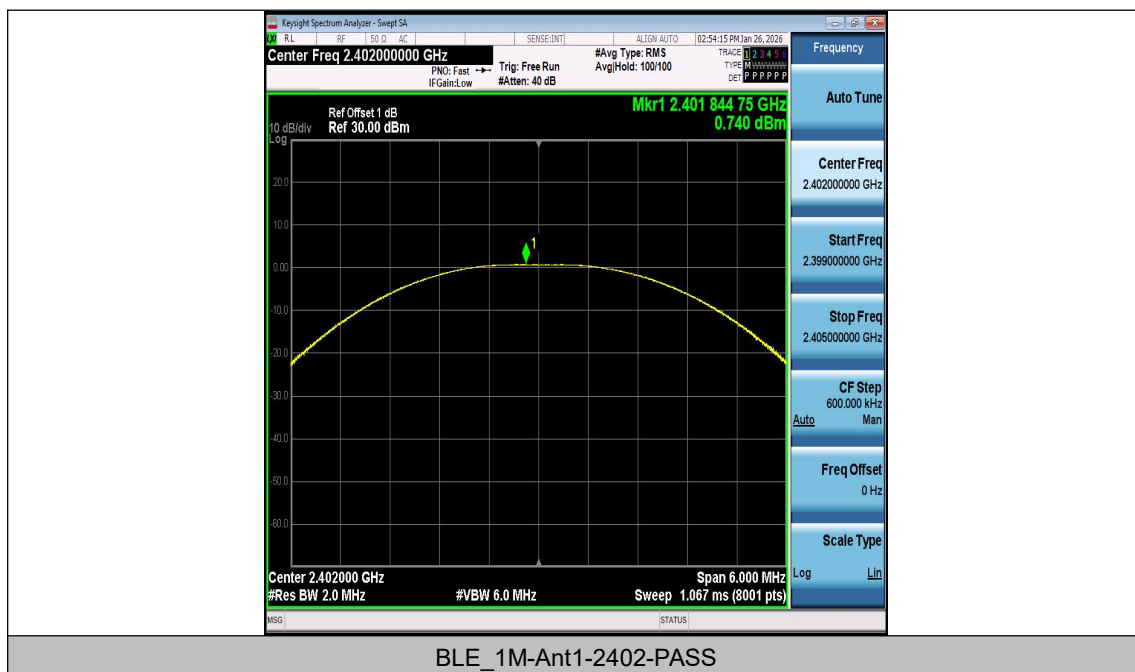
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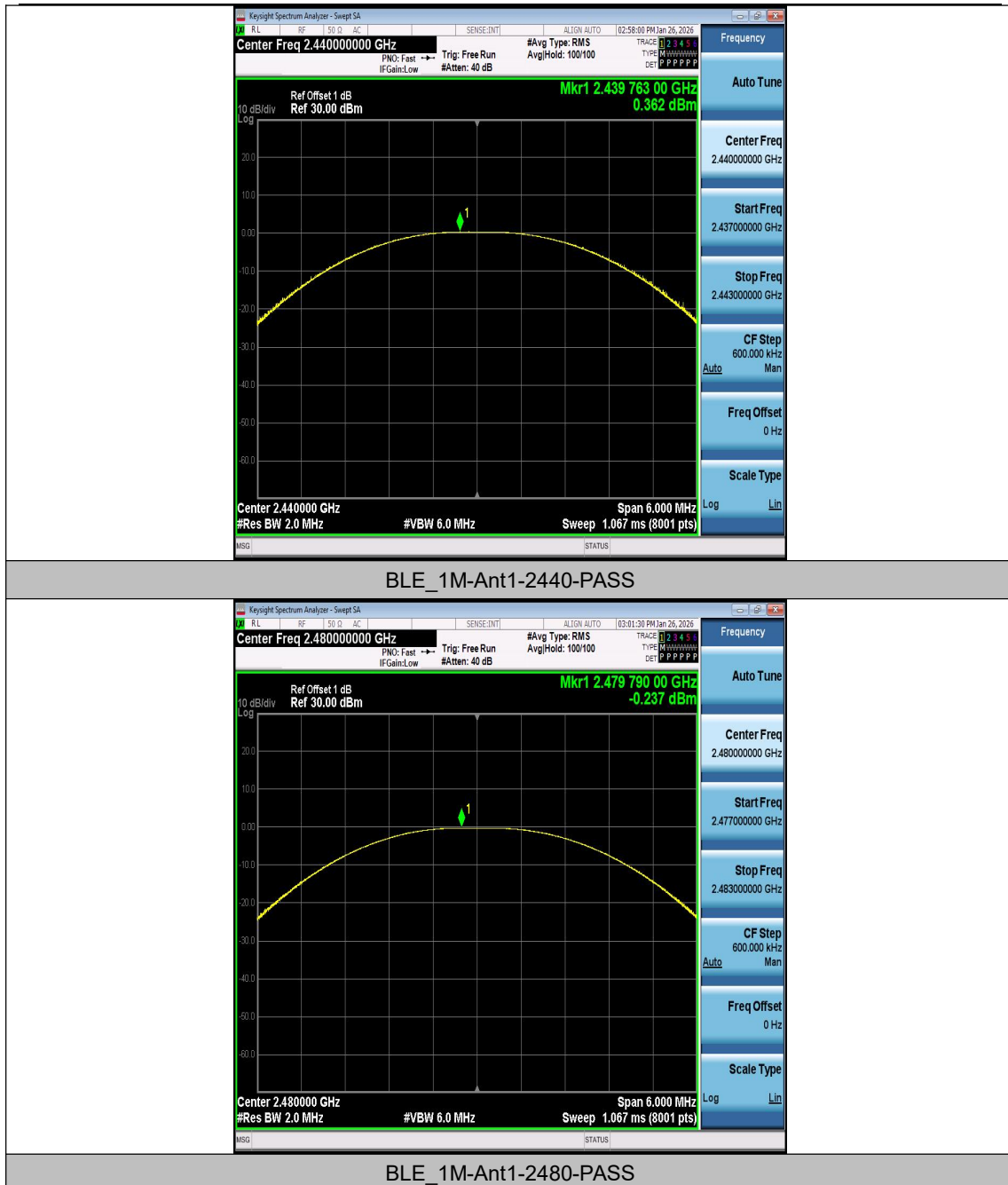
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.74	≤30	PASS
BLE_1M	Ant1	2440	0.36	≤30	PASS
BLE_1M	Ant1	2480	-0.24	≤30	PASS

Test Graphs Peak





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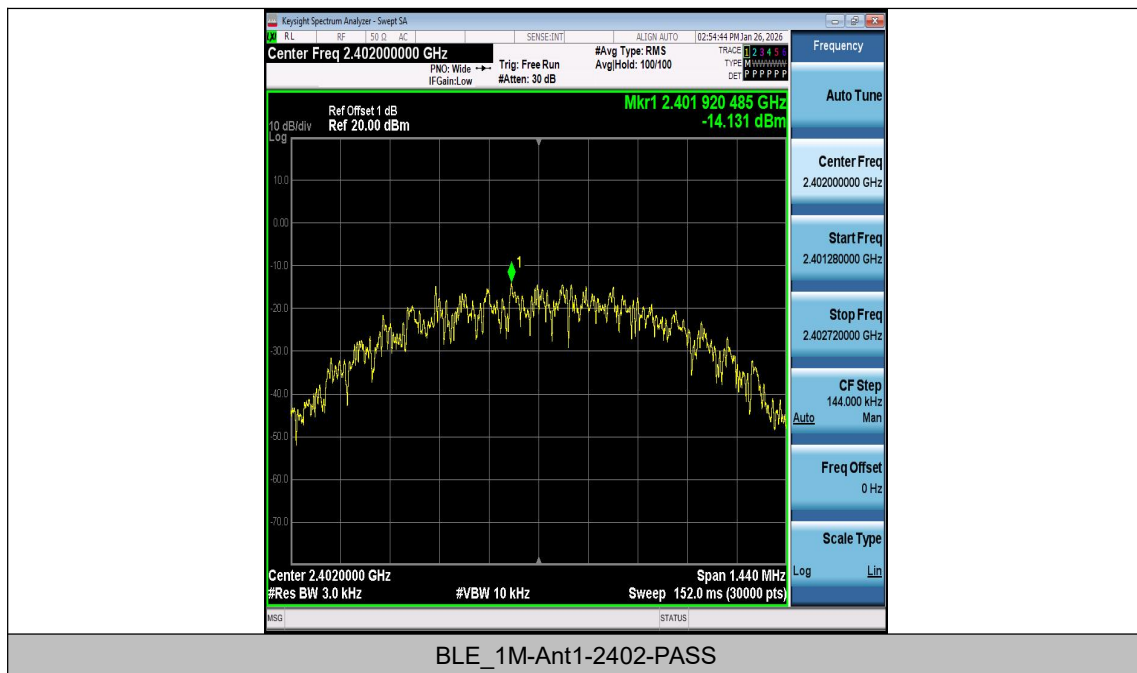
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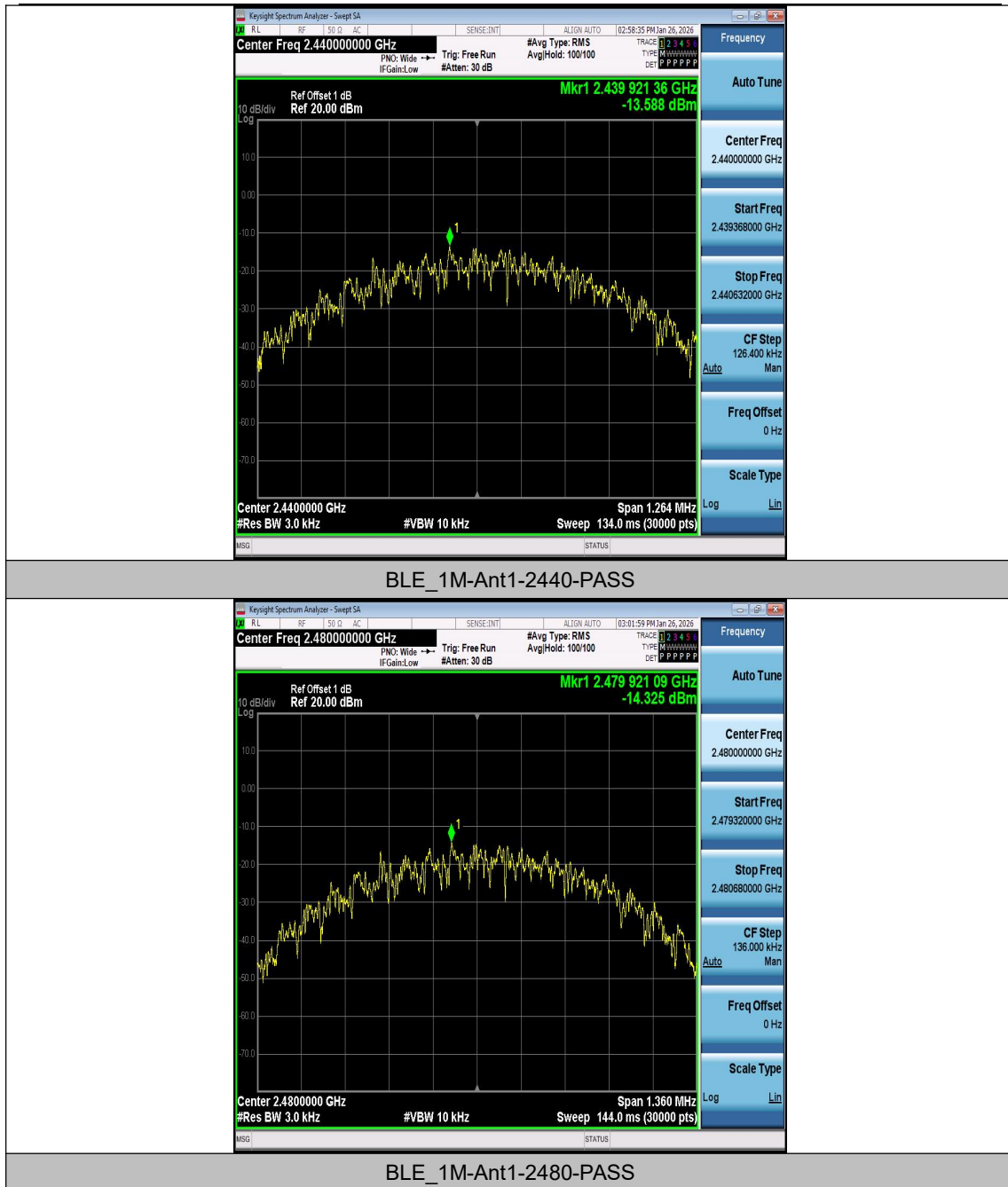
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.13	≤8.00	PASS
BLE_1M	Ant1	2440	-13.59	≤8.00	PASS
BLE_1M	Ant1	2480	-14.33	≤8.00	PASS

Test Graphs





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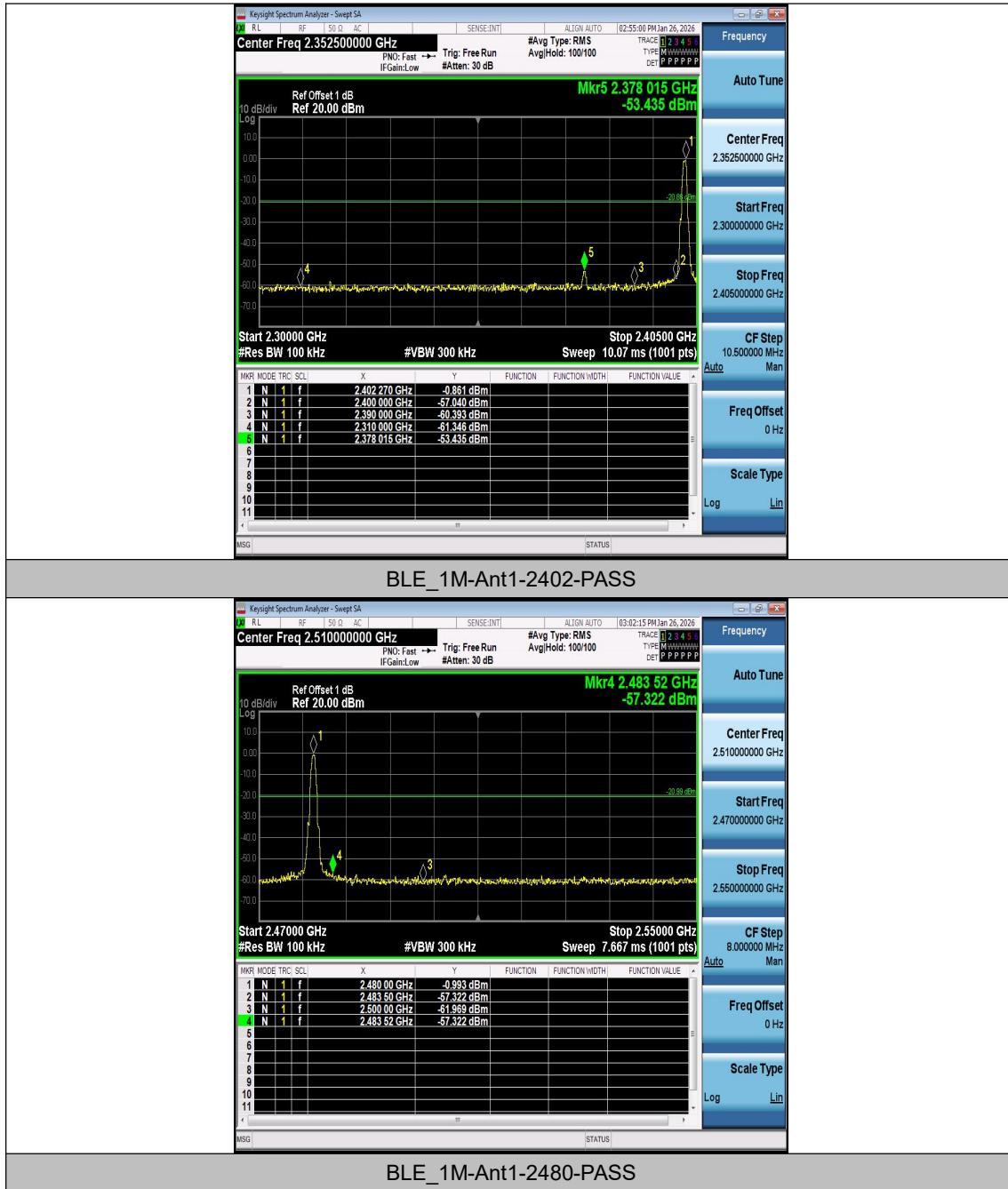
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.86	-53.44	≤-20.86	PASS
BLE_1M	Ant1	High	2480	-0.99	-57.32	≤-20.99	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

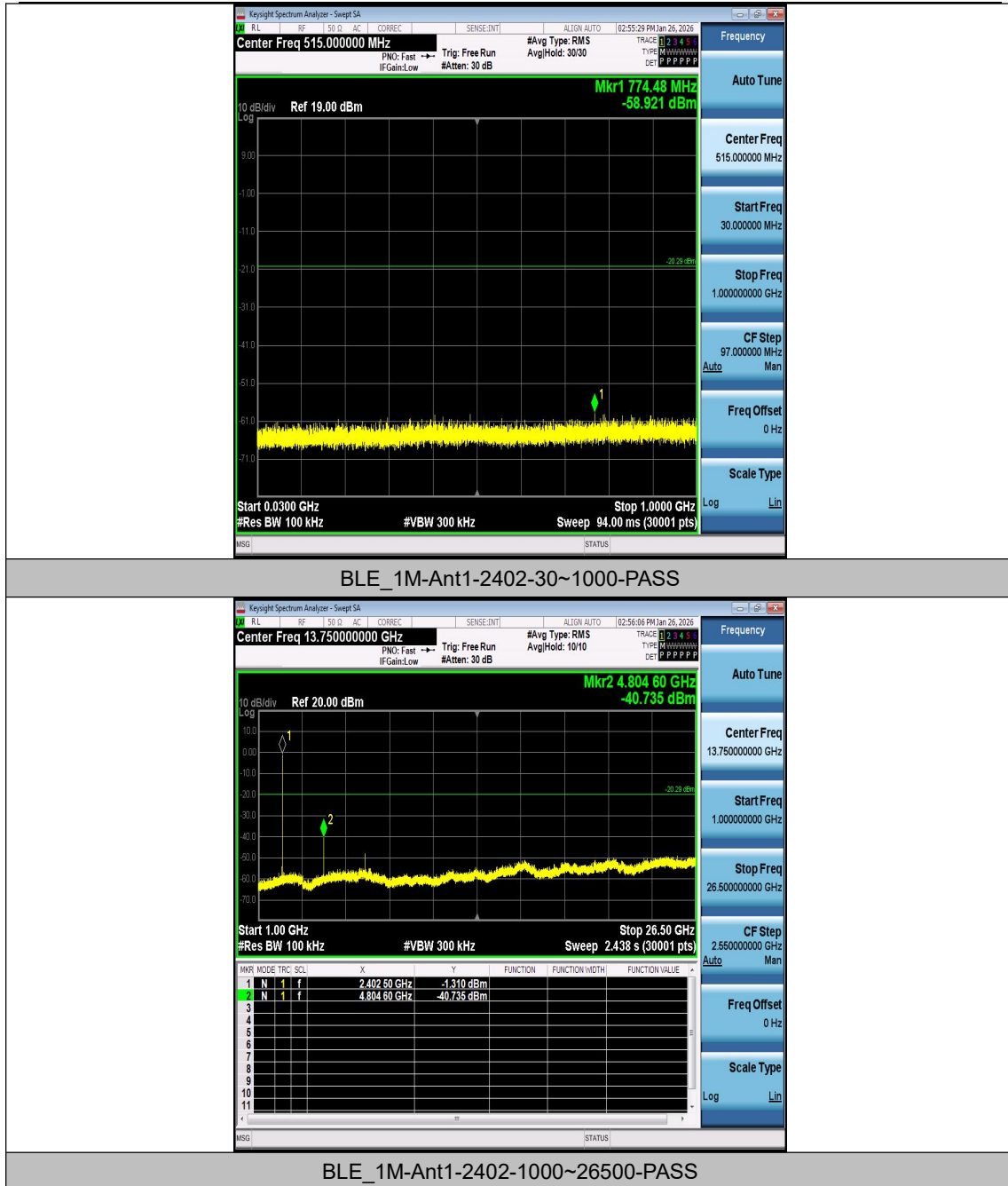
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.29	-0.29	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.29	-58.92	≤-20.29	PASS
BLE_1M	Ant1	2402	1000~26500	-0.29	-40.74	≤-20.29	PASS
BLE_1M	Ant1	2440	0~Reference	-0.66	-0.66	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.66	-59.39	≤-20.66	PASS
BLE_1M	Ant1	2440	1000~26500	-0.66	-38.54	≤-20.66	PASS
BLE_1M	Ant1	2480	0~Reference	-1.16	-1.16	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.16	-58.93	≤-21.16	PASS
BLE_1M	Ant1	2480	1000~26500	-1.16	-40.04	≤-21.16	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

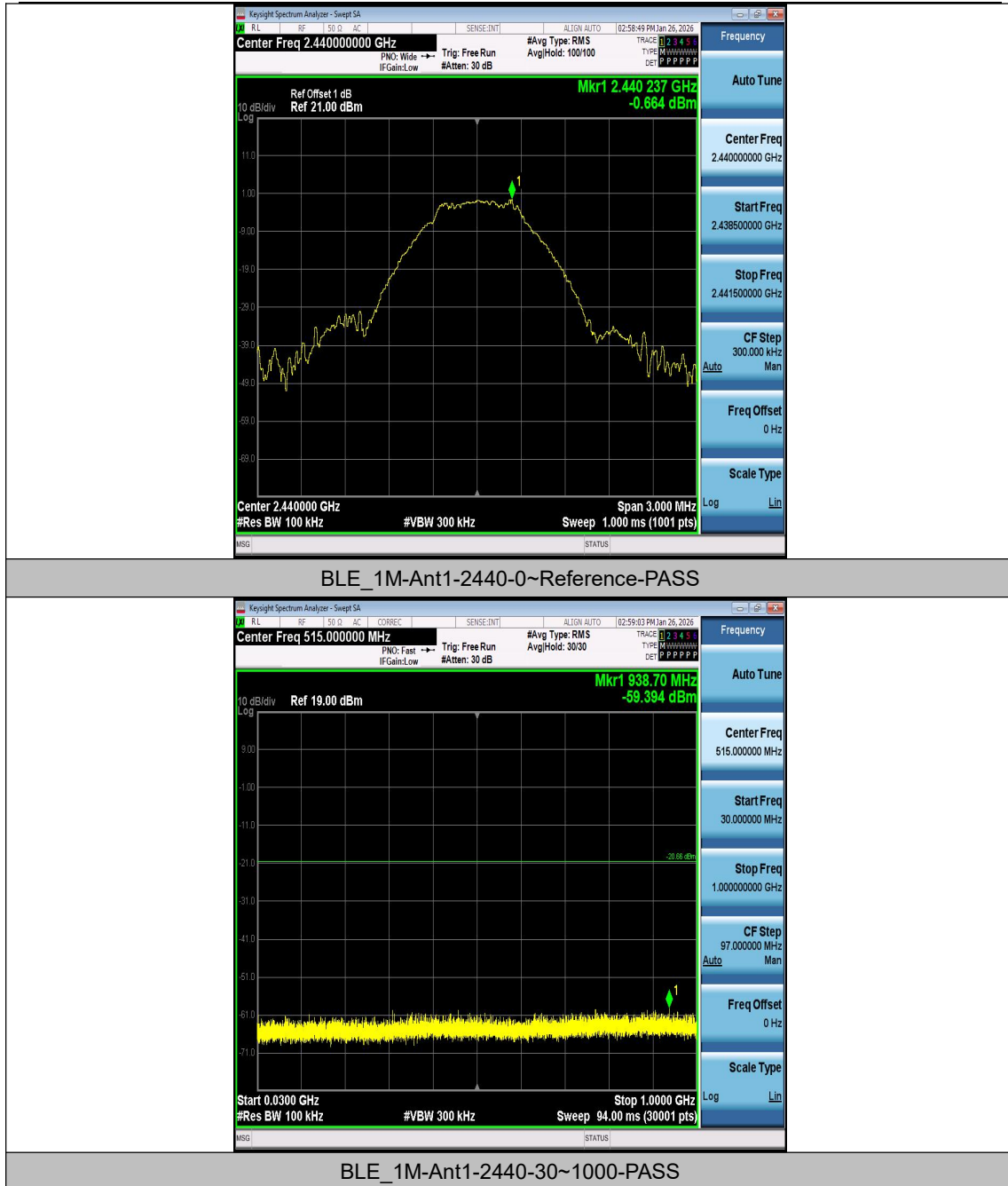




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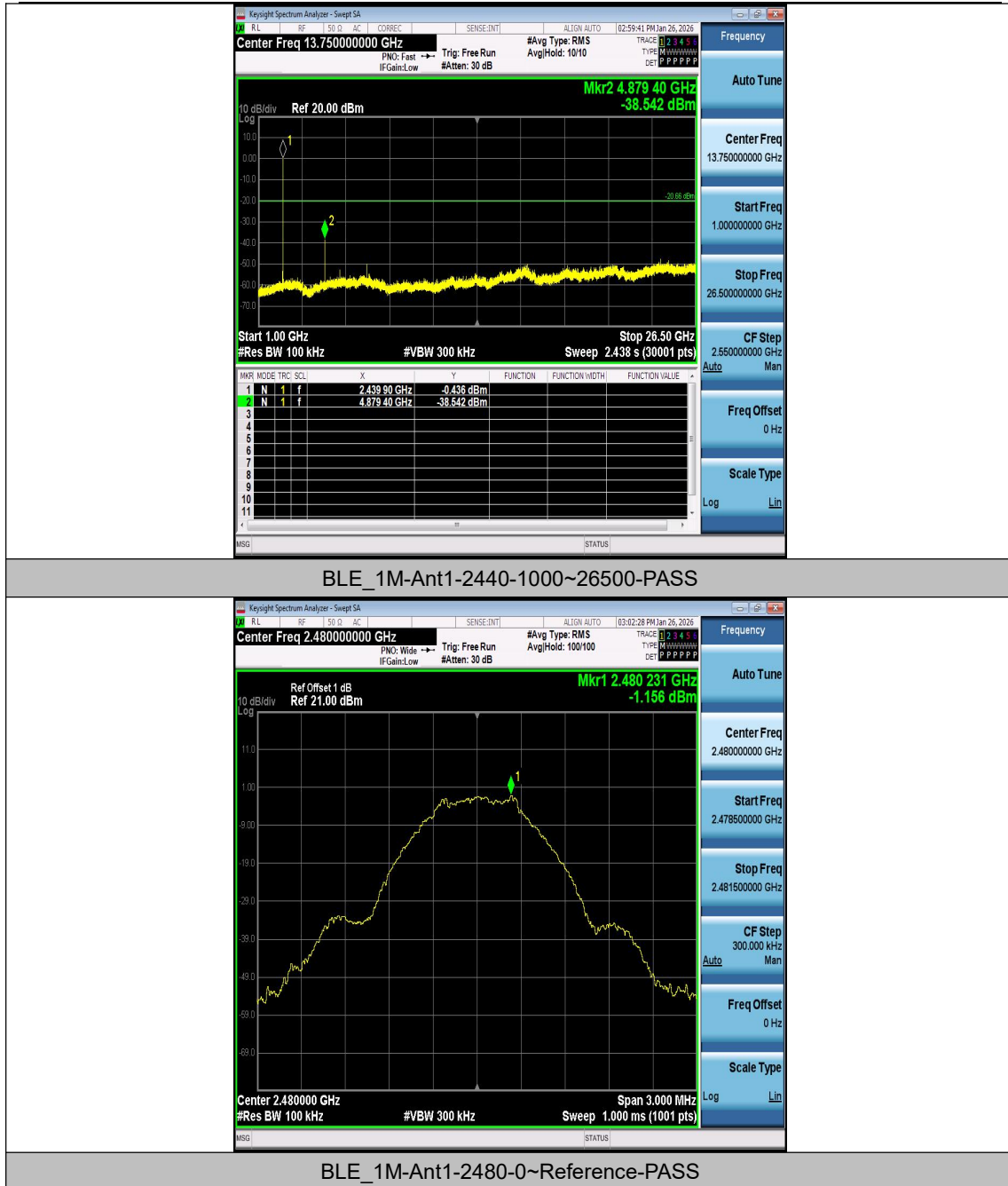
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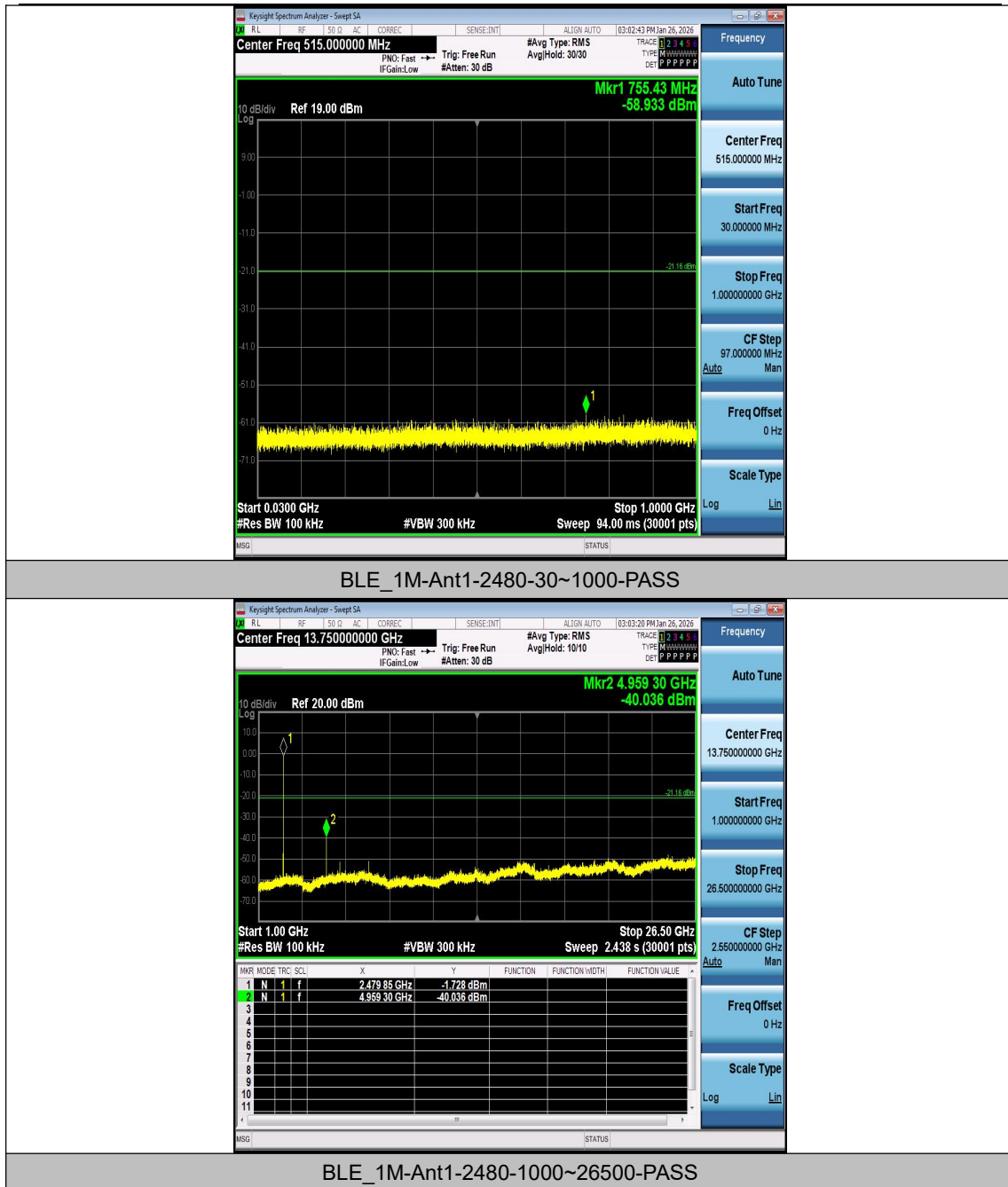
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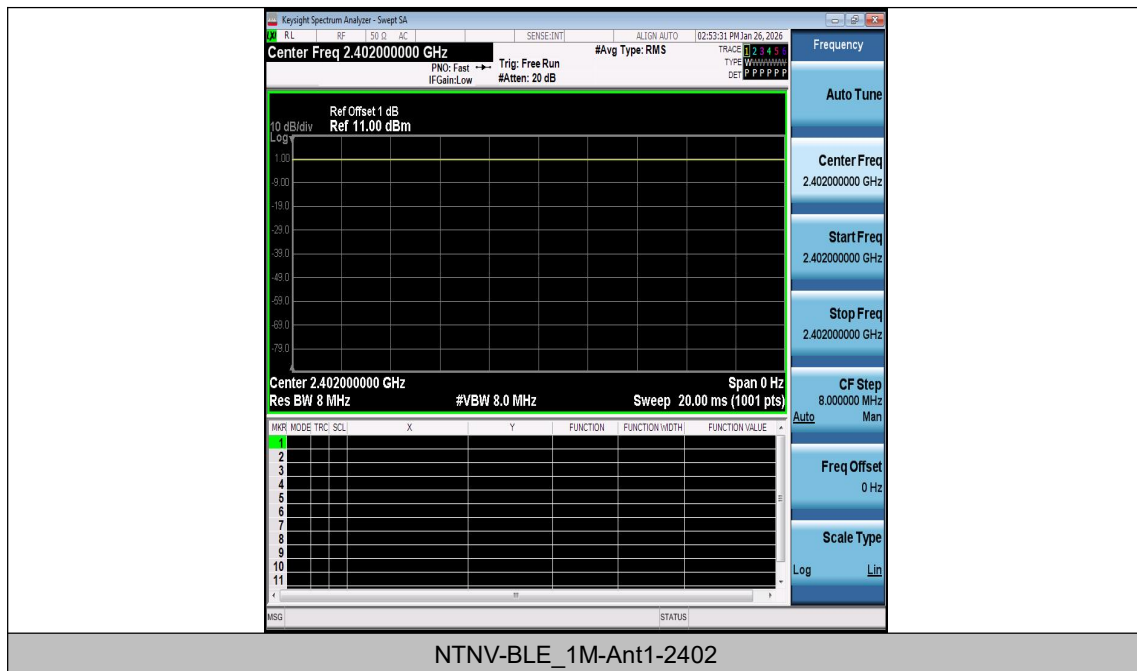
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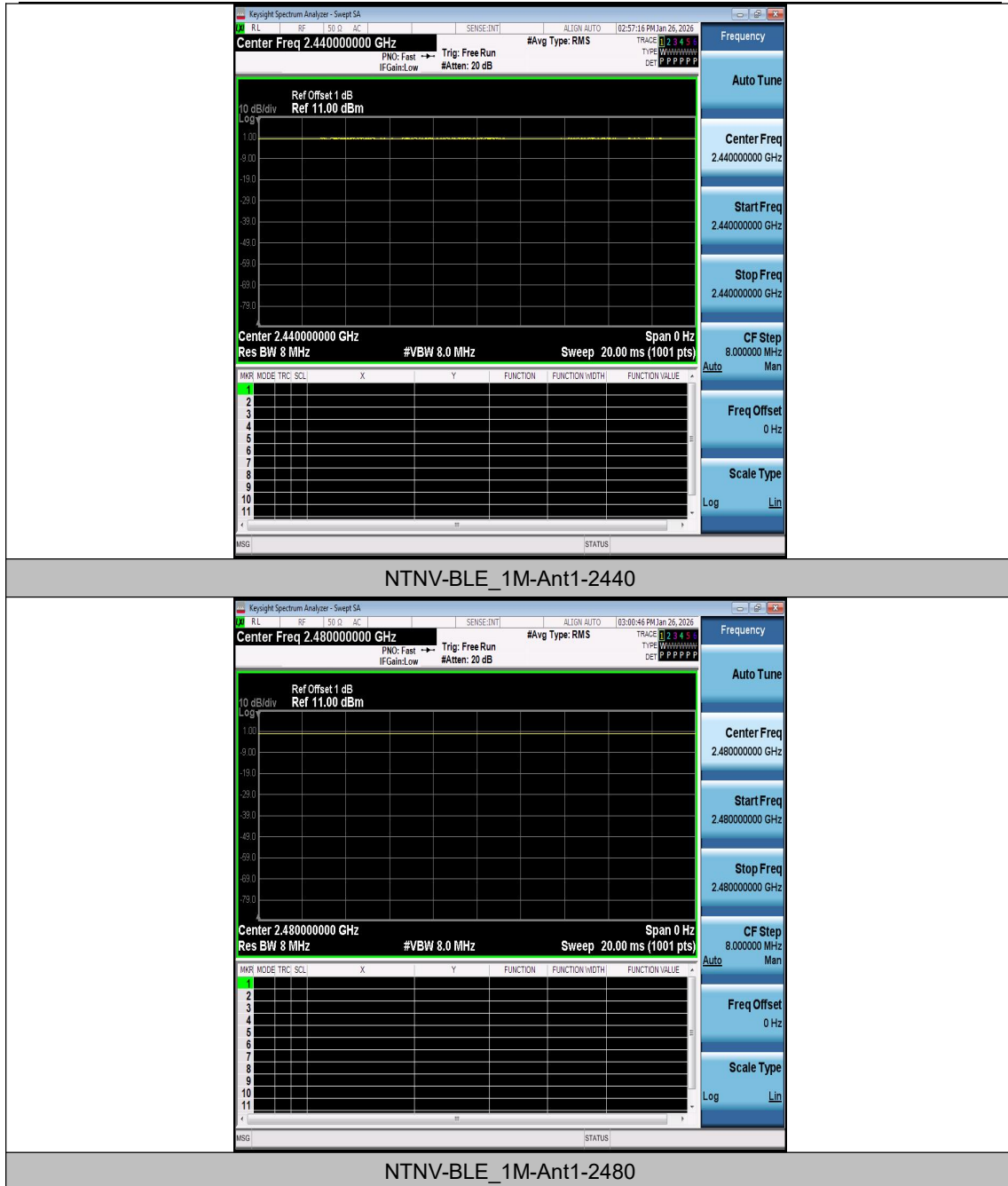
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2440	20.00	20.00	100.00	0.00
BLE_1M	Ant1	2480	20.00	20.00	100.00	0.00

Test Graphs





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