

Appendix Test Data

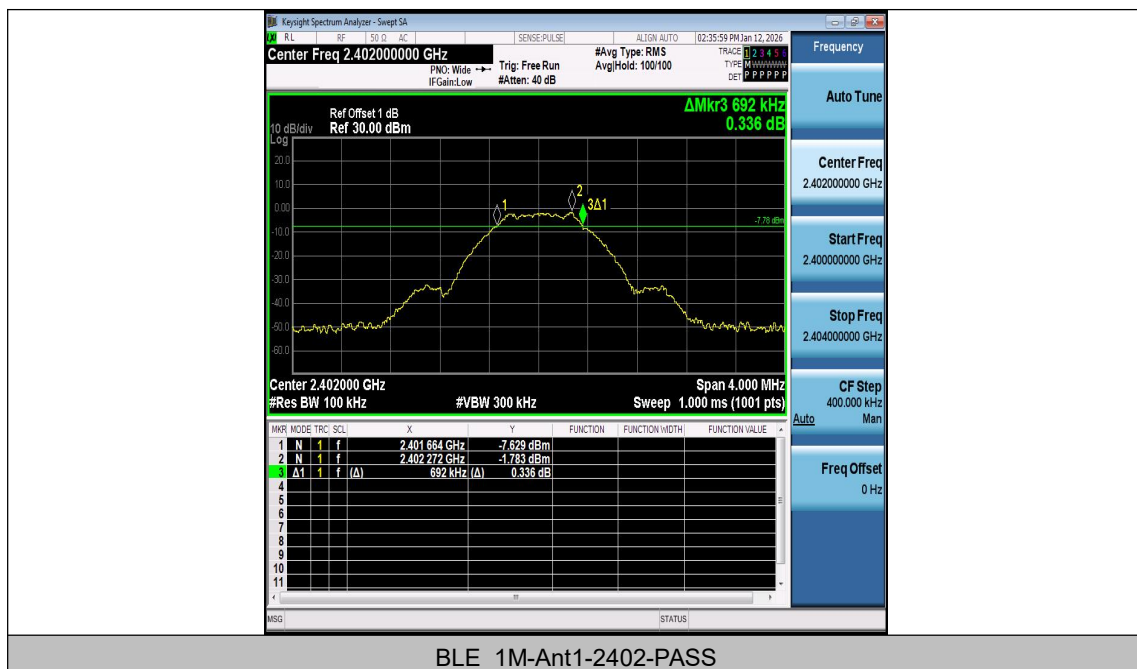
Report No.:	1812C60002412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-7	Finish Test Date:	2026-1-12
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	25°C	Relative Humidity:	45%
Pressure:	101kPa		

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	0.692	2401.664	2402.356	0.5	PASS
BLE_1M	Ant1	2440	0.700	2439.668	2440.368	0.5	PASS
BLE_1M	Ant1	2480	0.692	2479.680	2480.372	0.5	PASS

Test Graphs



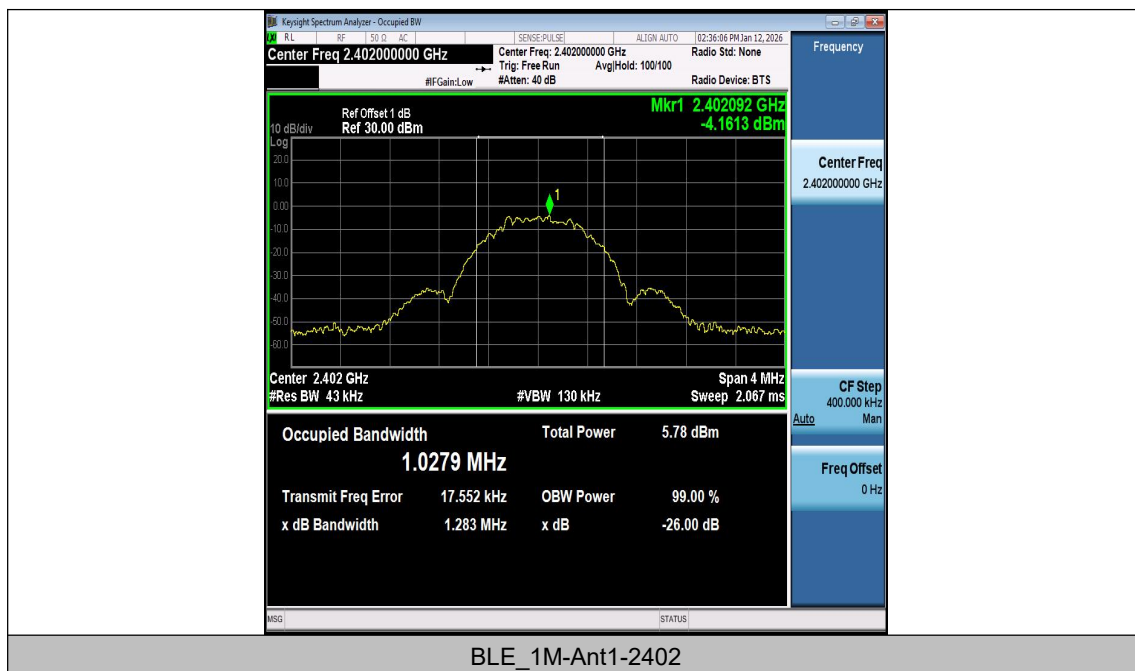


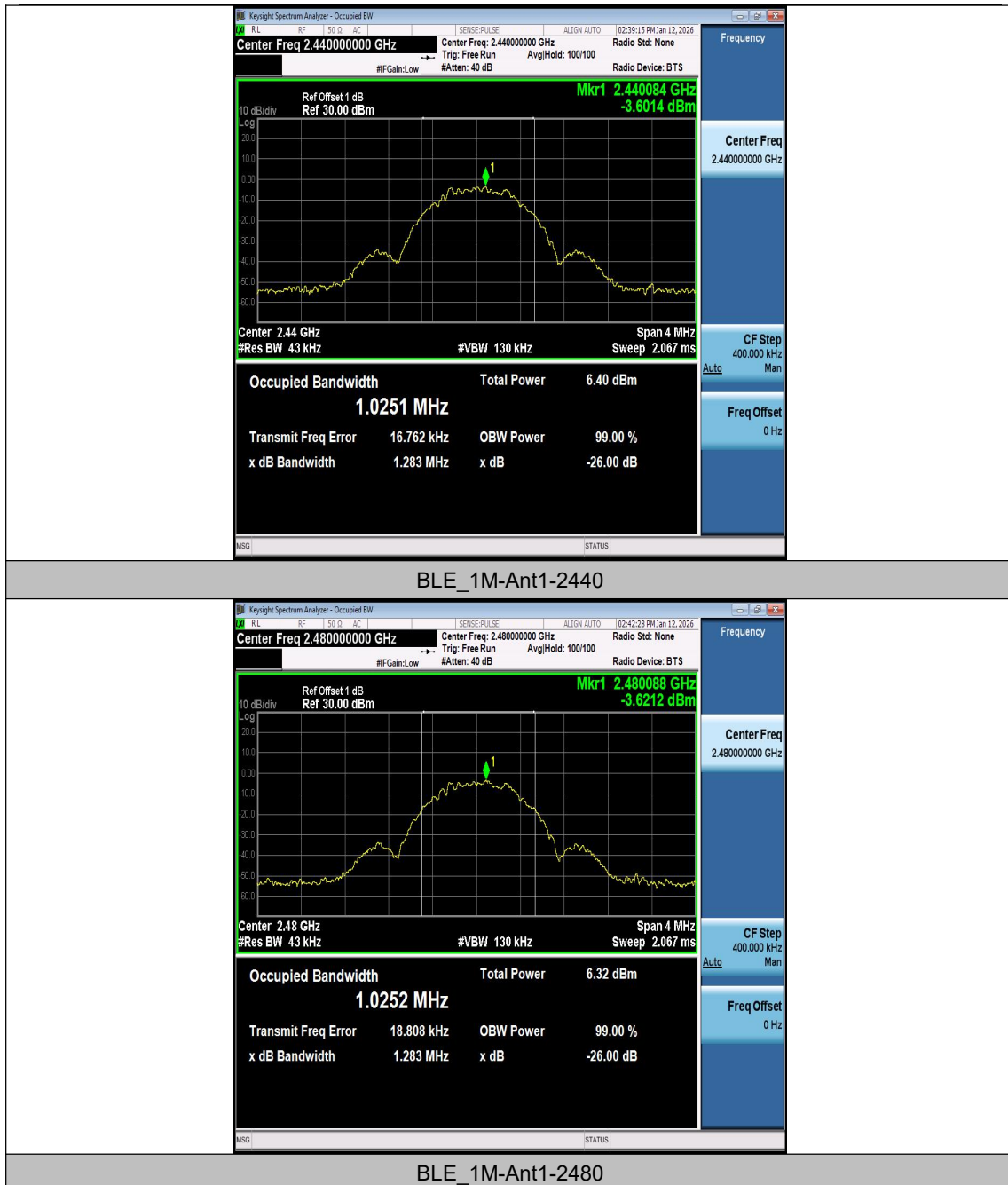
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0279	2401.5036	2402.5315	---	---
BLE_1M	Ant1	2440	1.0251	2439.5042	2440.5293	---	---
BLE_1M	Ant1	2480	1.0252	2479.5062	2480.5314	---	---

Test Graphs





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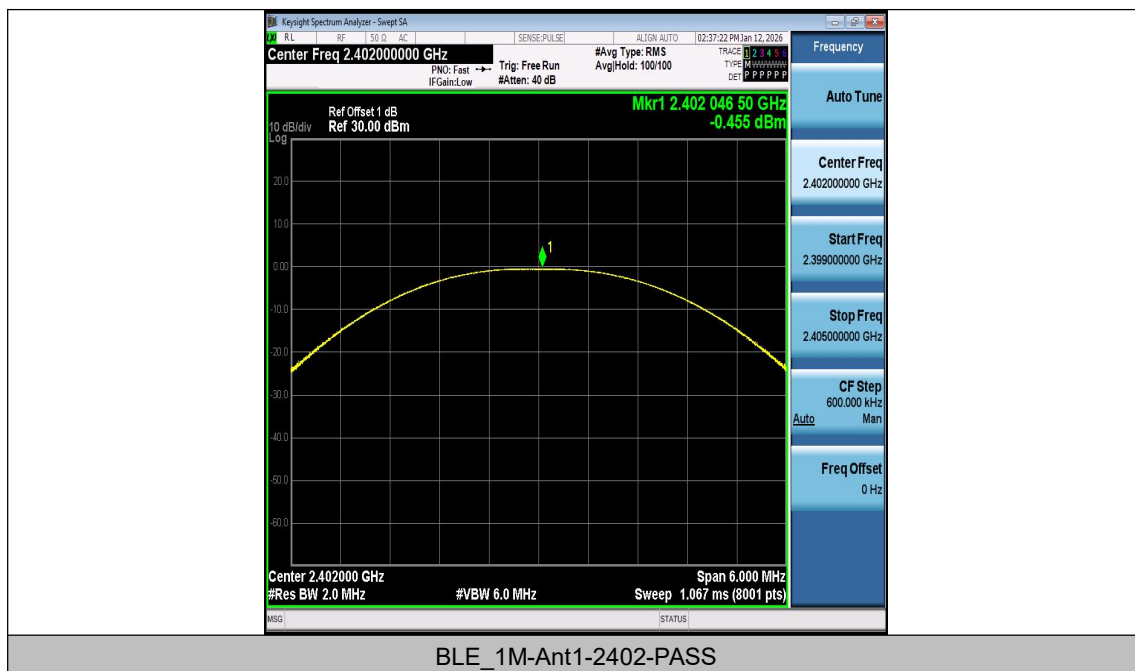
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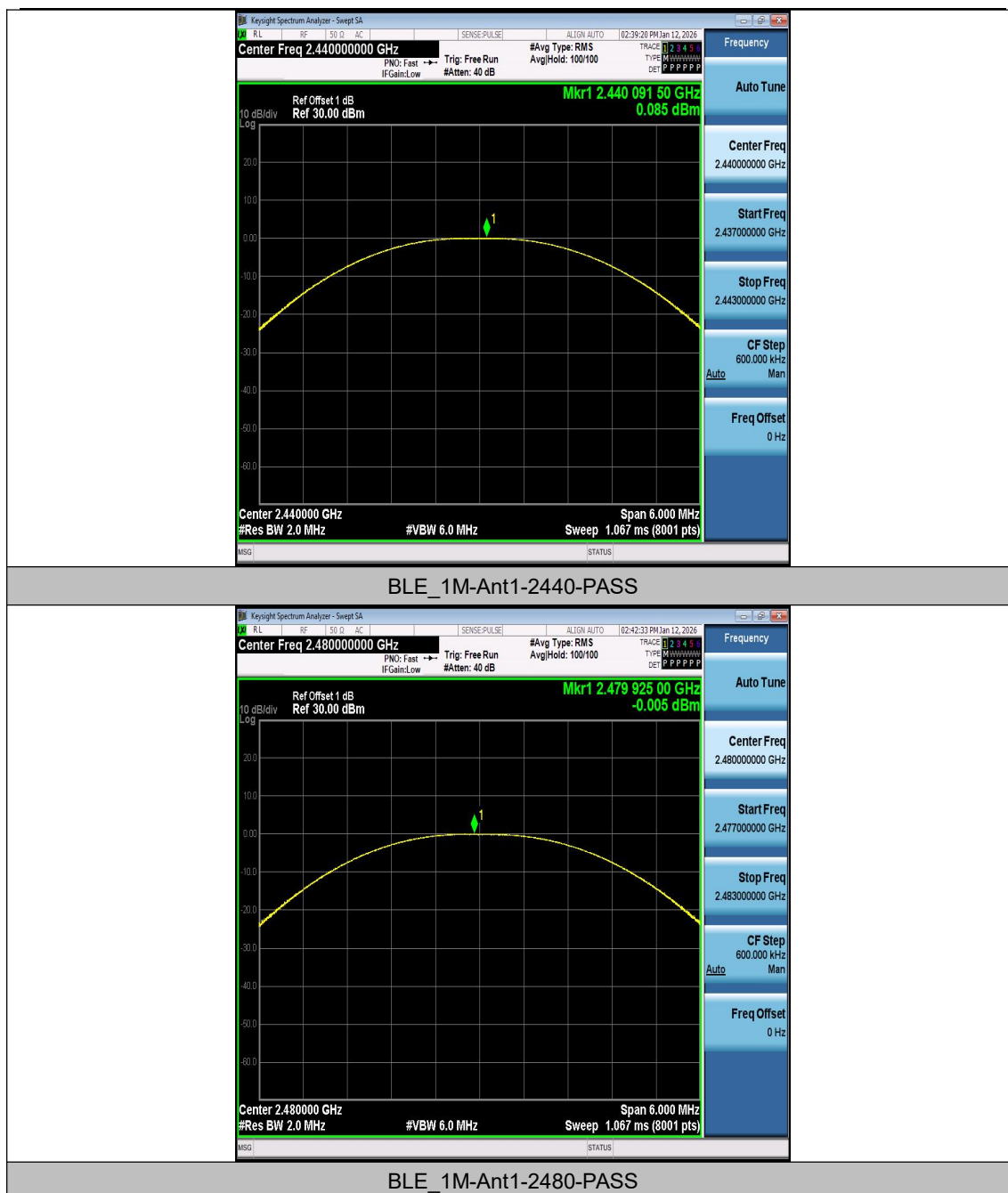
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.46	≤30	PASS
BLE_1M	Ant1	2440	0.09	≤30	PASS
BLE_1M	Ant1	2480	-0.01	≤30	PASS

Test Graphs Peak





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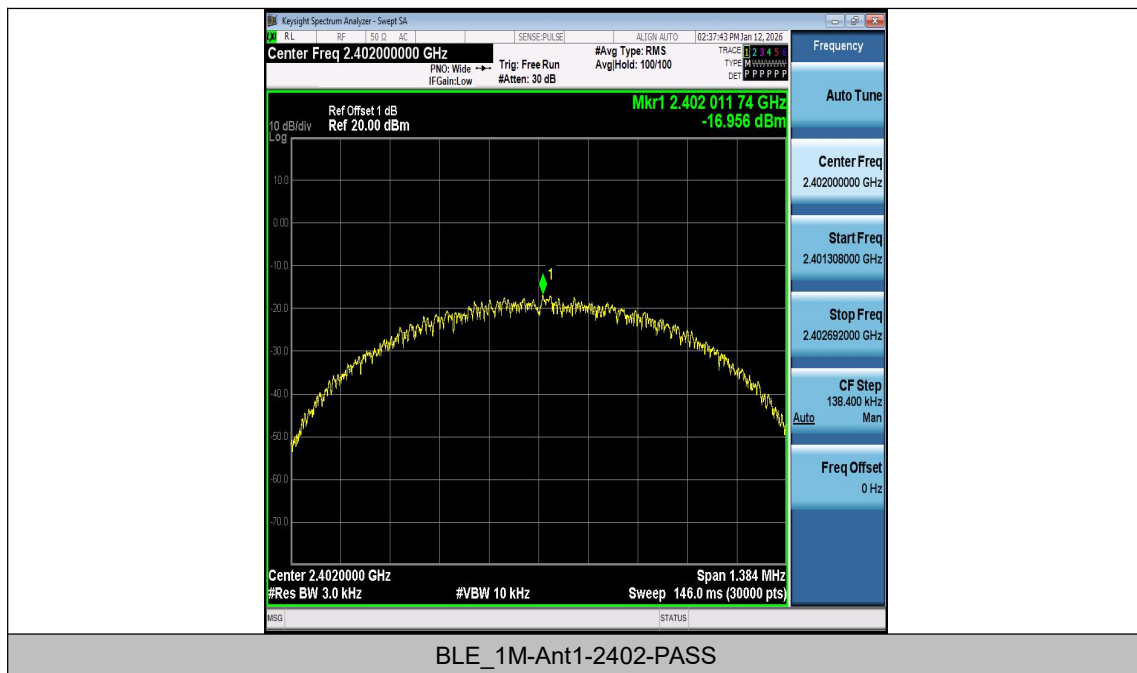
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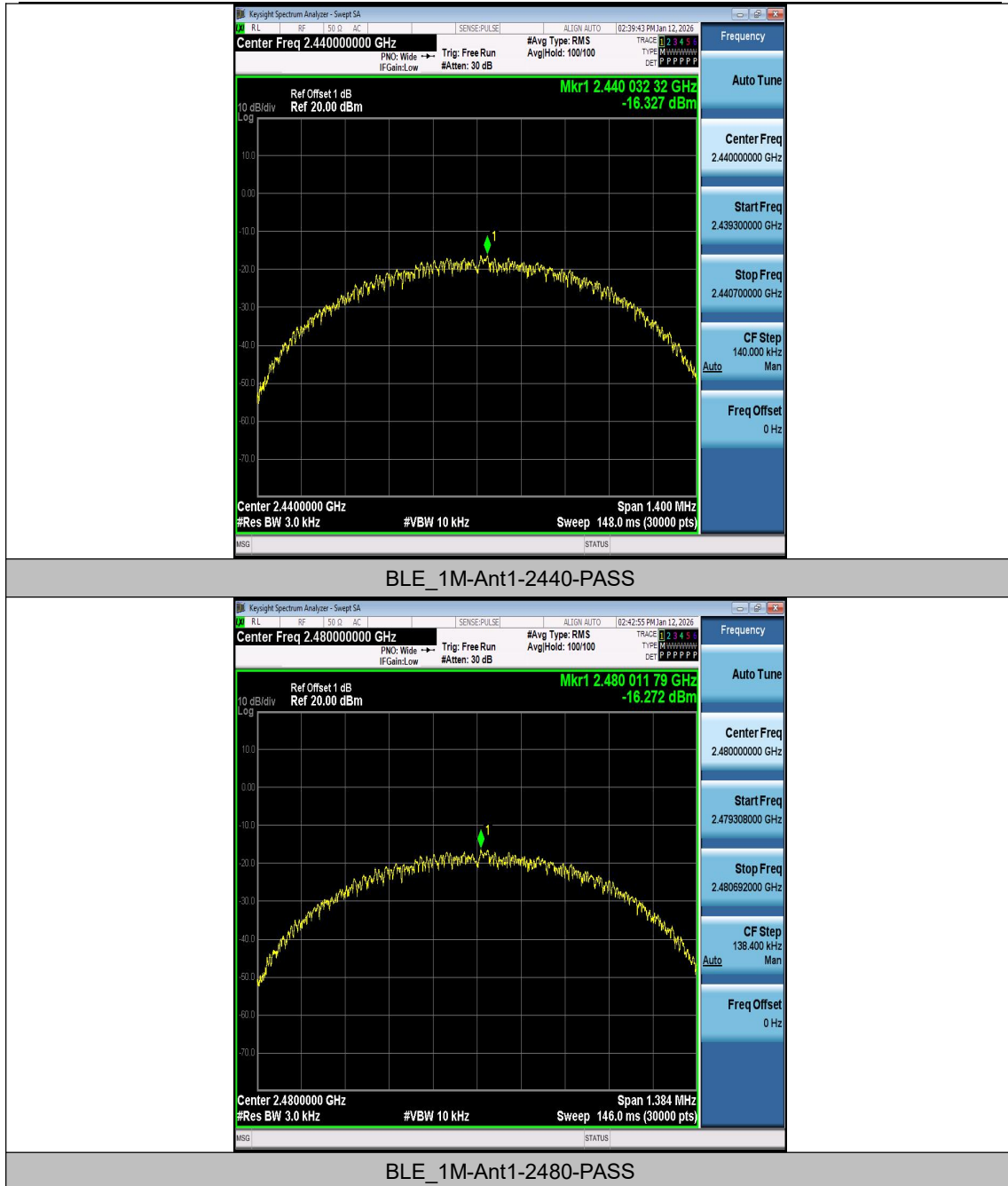
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.96	≤8.00	PASS
BLE_1M	Ant1	2440	-16.33	≤8.00	PASS
BLE_1M	Ant1	2480	-16.27	≤8.00	PASS

Test Graphs





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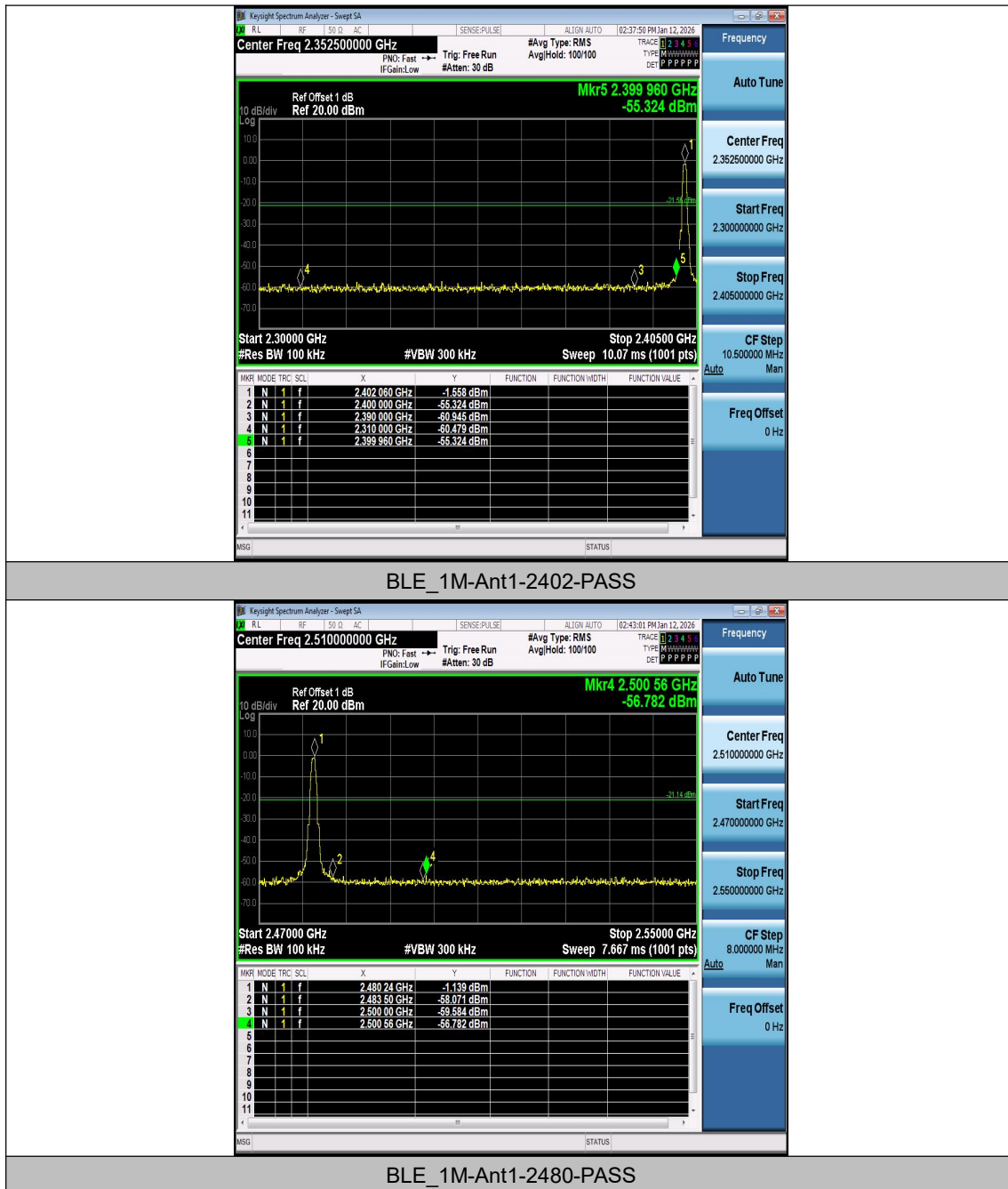
Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.56	-55.32	≤-21.56	PASS
BLE_1M	Ant1	High	2480	-1.14	-56.78	≤-21.14	PASS

Remark: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'offset' of the Spectrum Analyzer during the test.

Test Graphs



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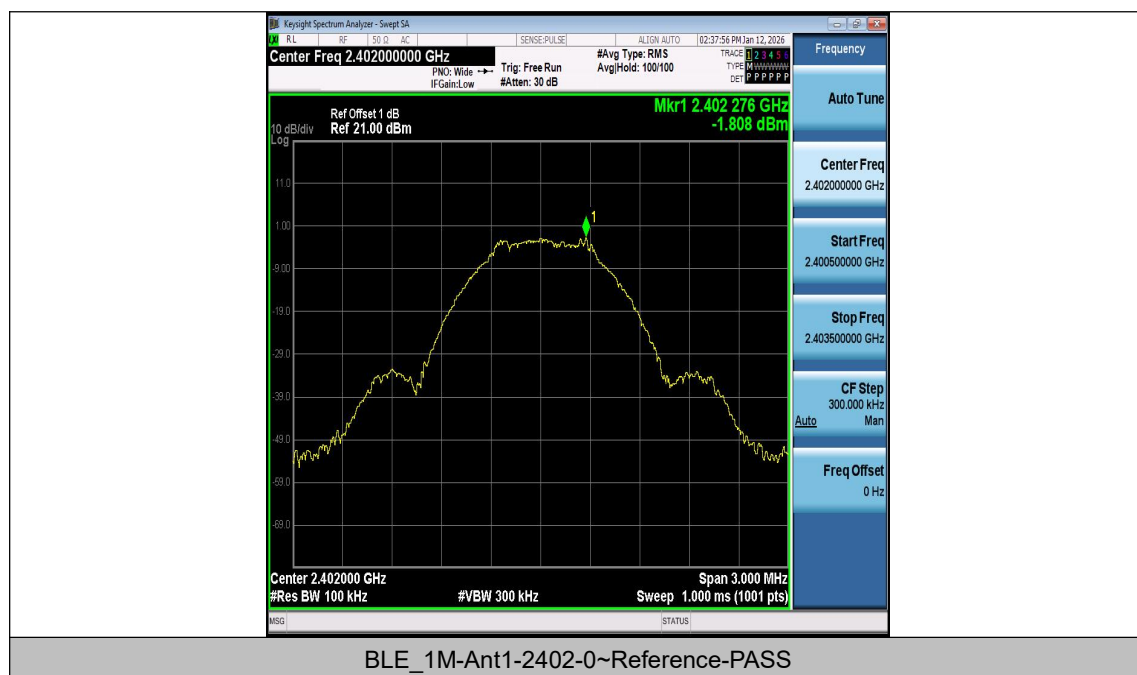
Appendix F: Conducted Spurious Emission

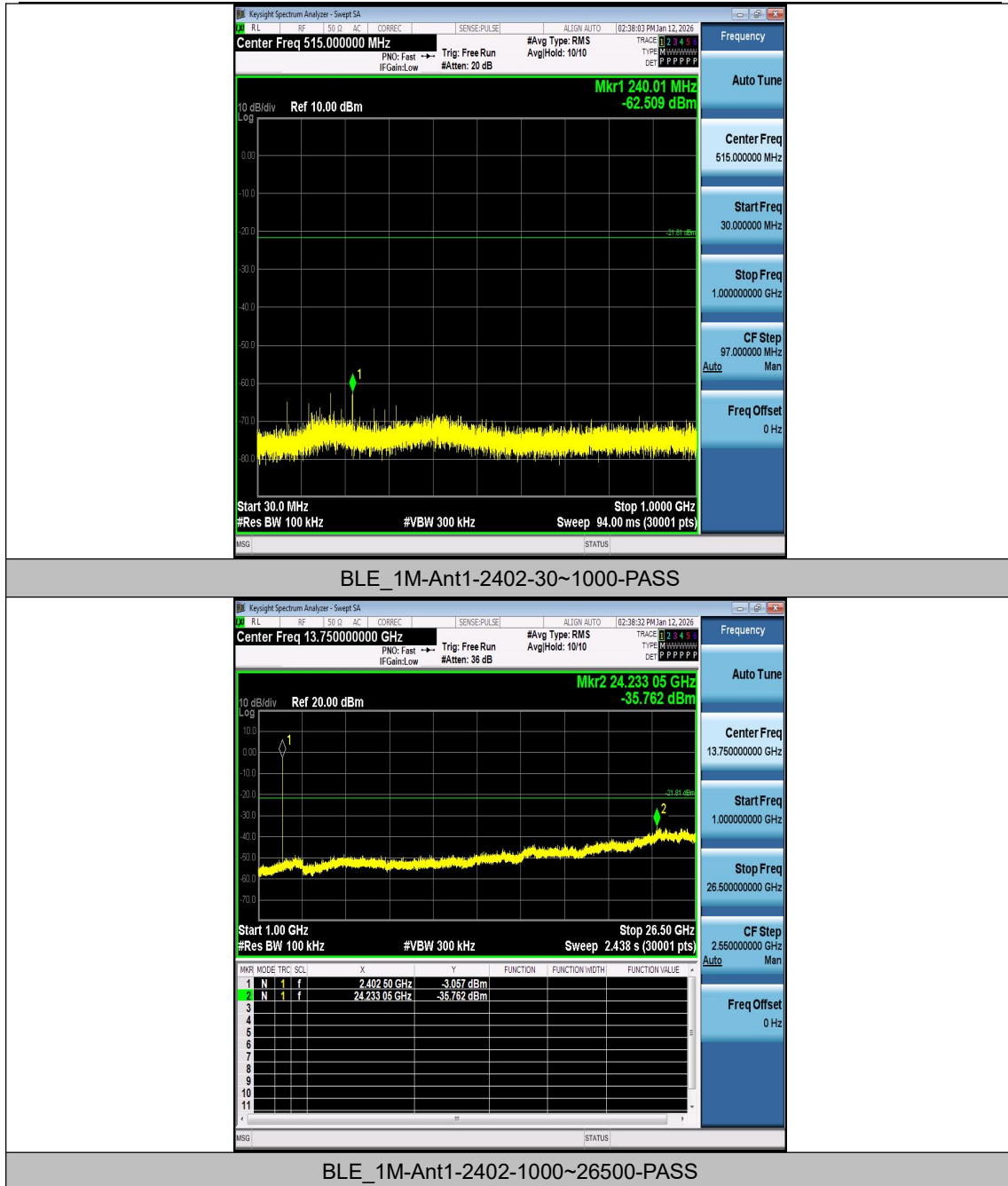
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.81	-1.81	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.81	-62.51	≤-21.81	PASS
BLE_1M	Ant1	2402	1000~26500	-1.81	-35.76	≤-21.81	PASS
BLE_1M	Ant1	2440	0~Reference	-1.14	-1.14	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.14	-61.57	≤-21.14	PASS
BLE_1M	Ant1	2440	1000~26500	-1.14	-35.4	≤-21.14	PASS
BLE_1M	Ant1	2480	0~Reference	-1.26	-1.26	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.26	-62.74	≤-21.26	PASS
BLE_1M	Ant1	2480	1000~26500	-1.26	-35.36	≤-21.26	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

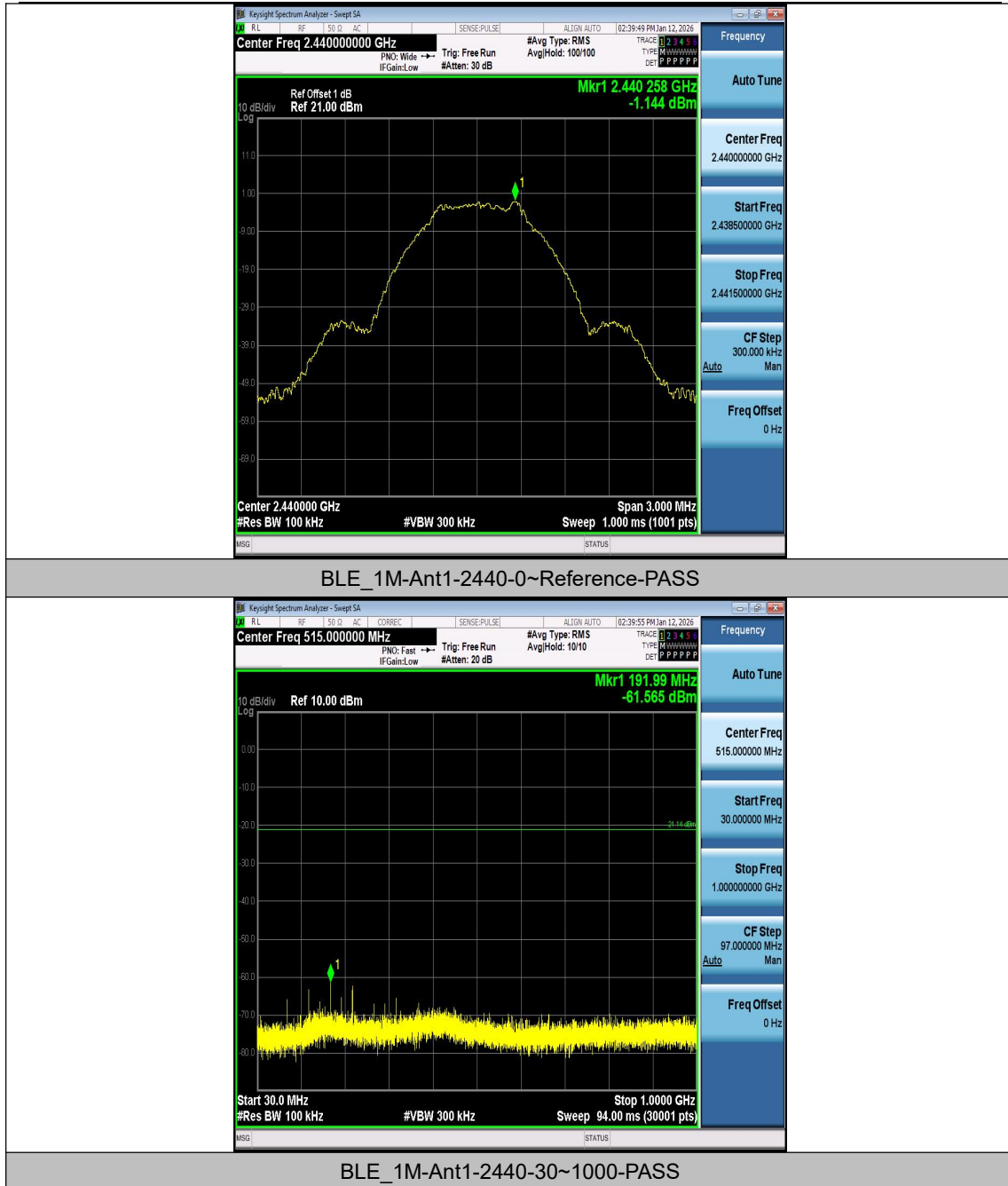




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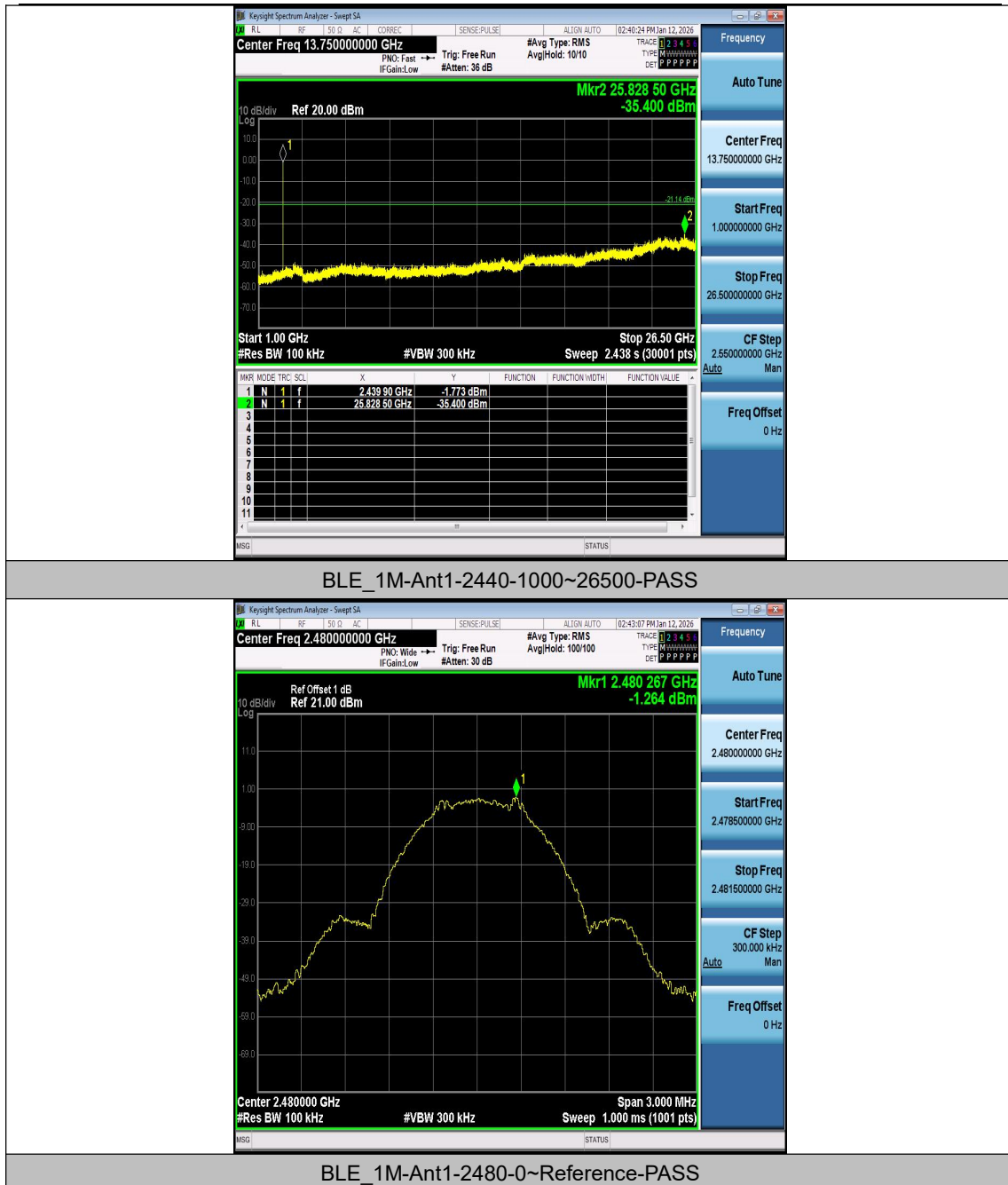
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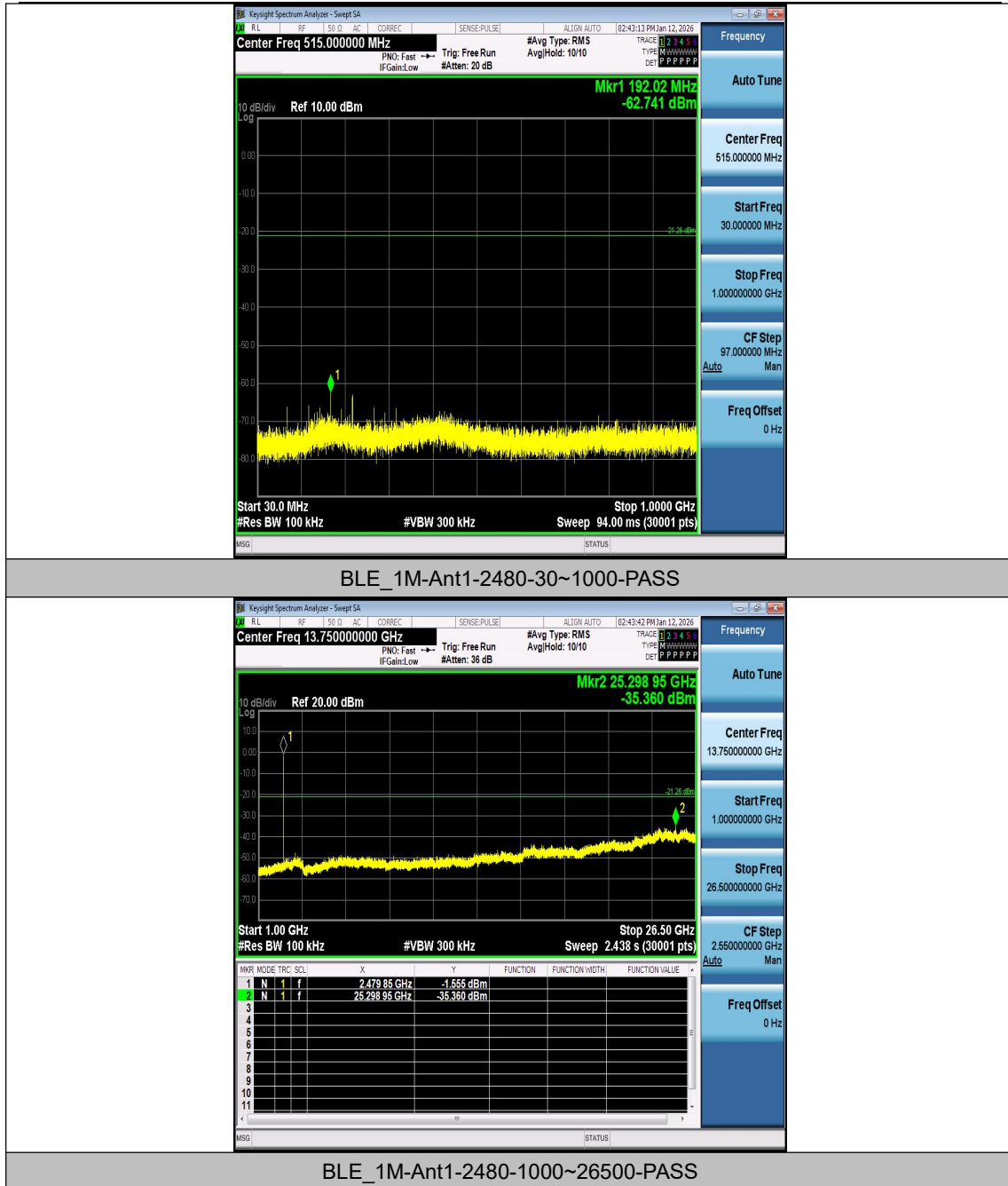
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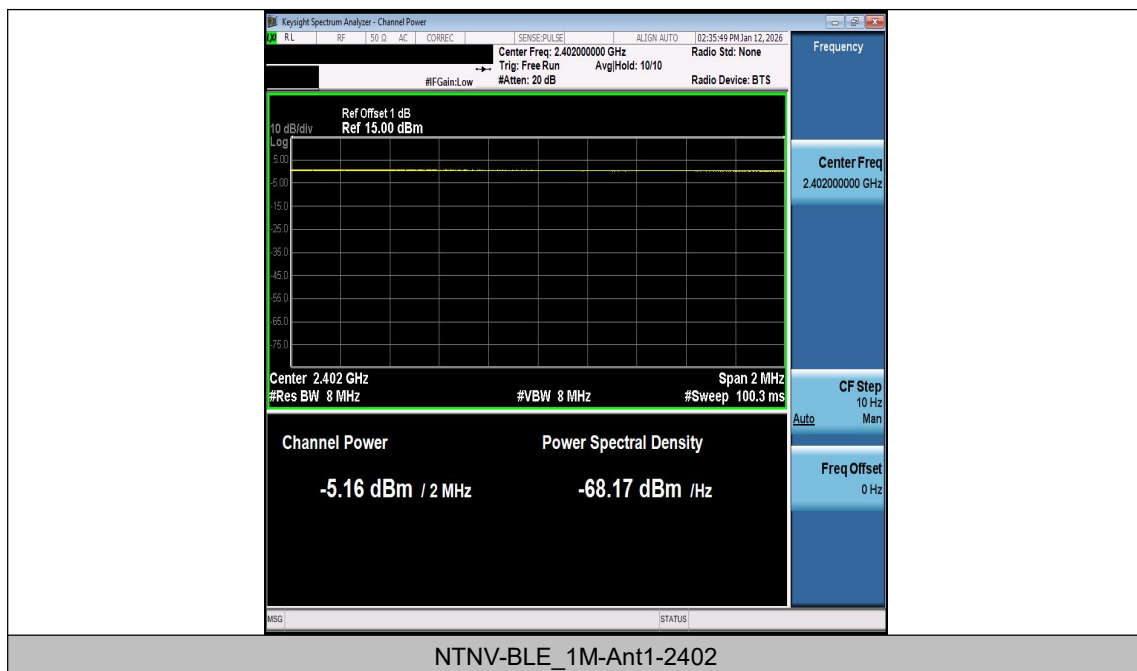
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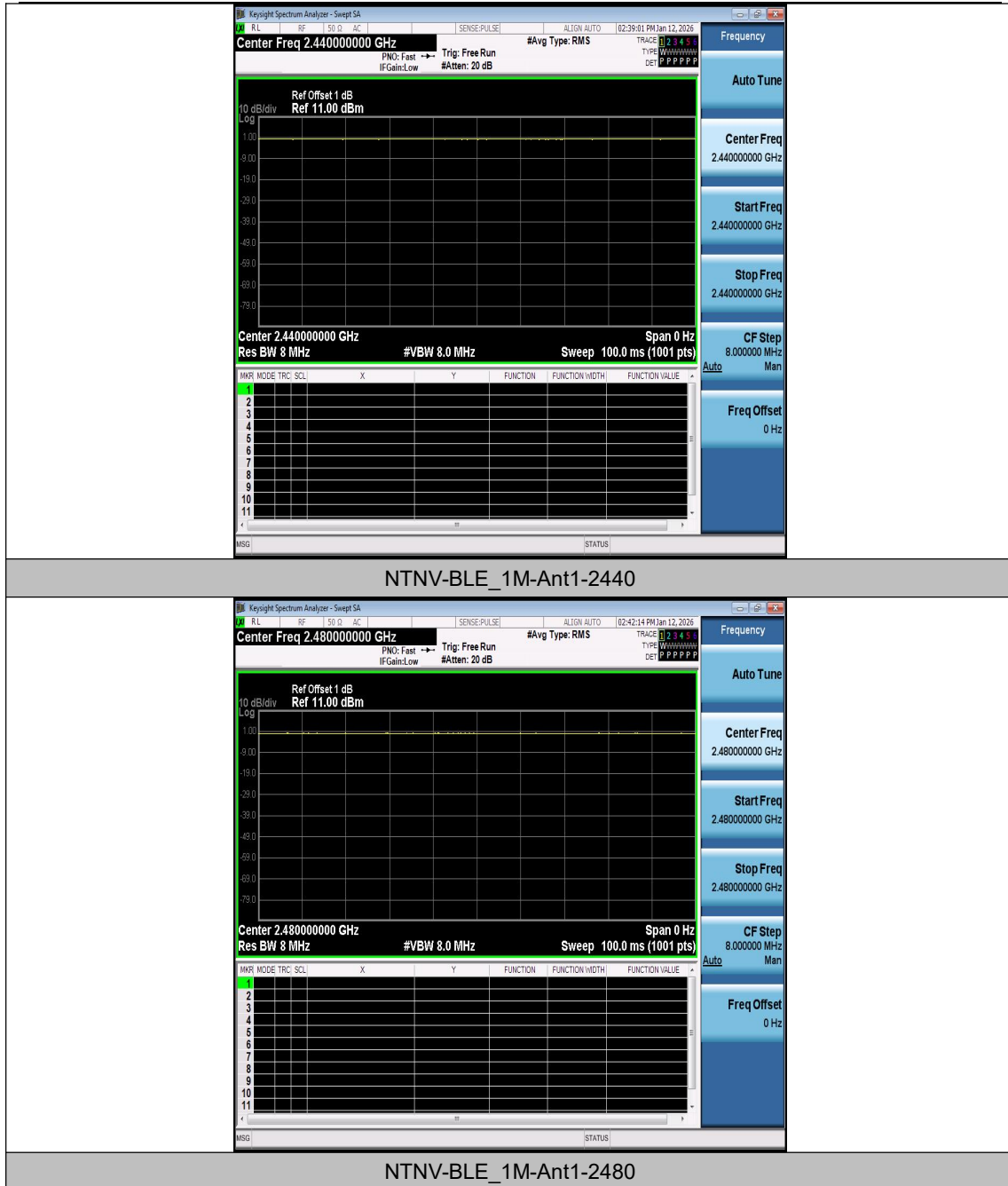
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	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

Test Graphs





---End---