

Appendix Test Data

Report No.:	1812C60067012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-26	Finish Test Date:	2026-1-29
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	20.8°C	Relative Humidity:	55%
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	0.700	2401.632	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.708	2439.628	2440.336	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.632	2480.340	0.5	PASS

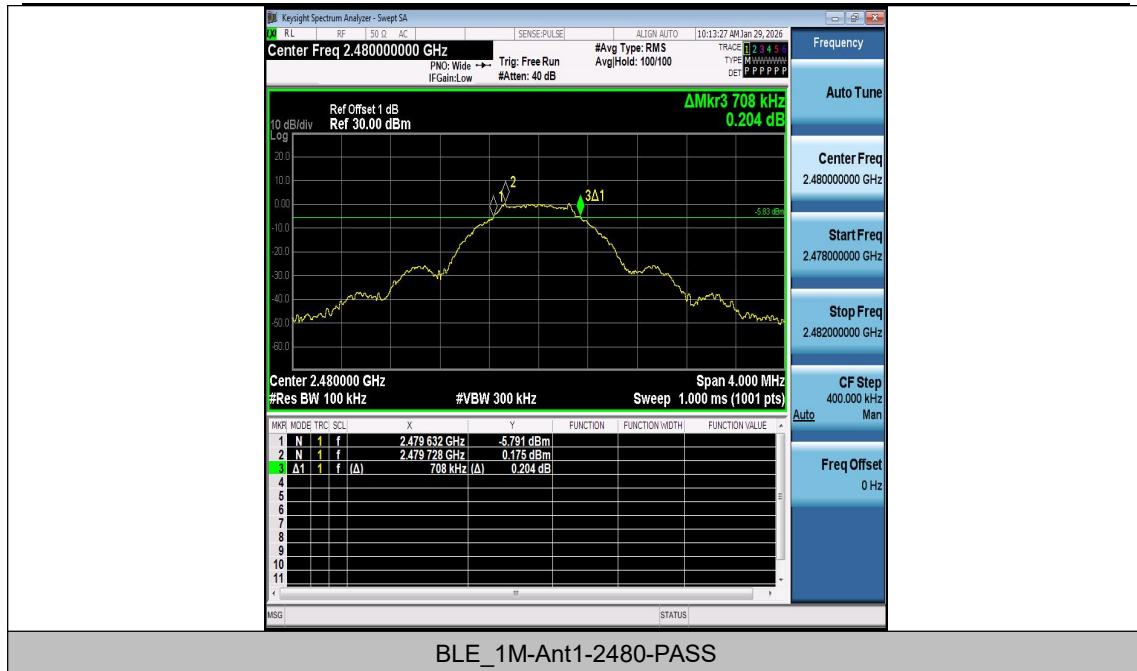
Test Graphs



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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	1.0899	2401.4377	2402.5276	---	---
BLE_1M	Ant1	2440	1.0956	2439.4315	2440.5271	---	---
BLE_1M	Ant1	2480	1.1090	2479.4255	2480.5345	---	---

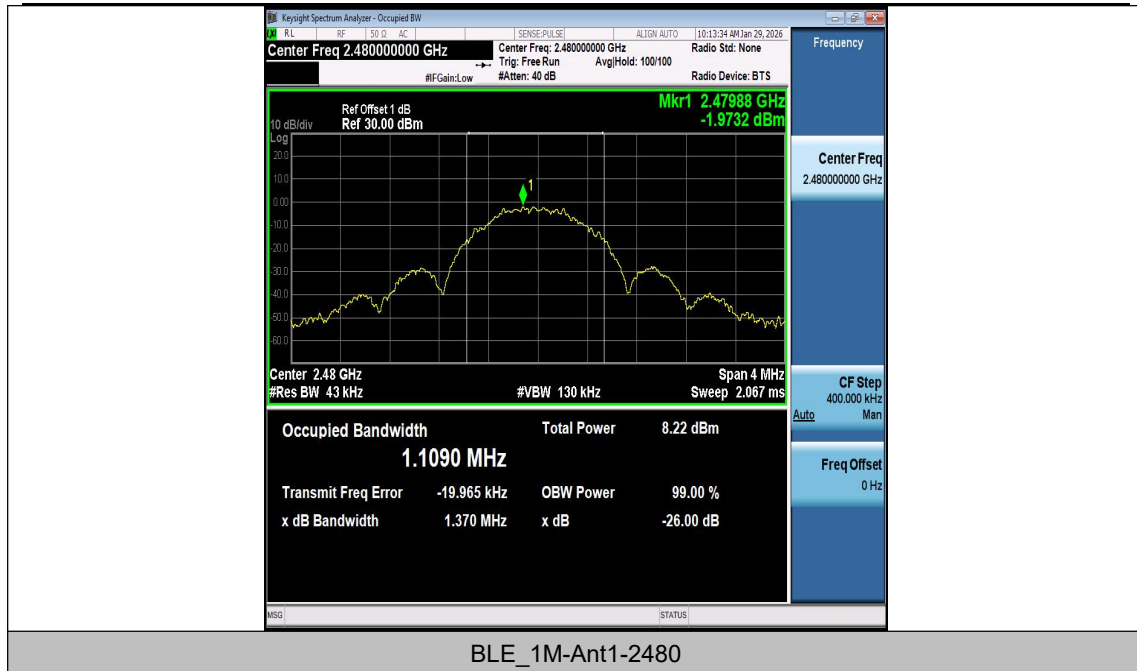
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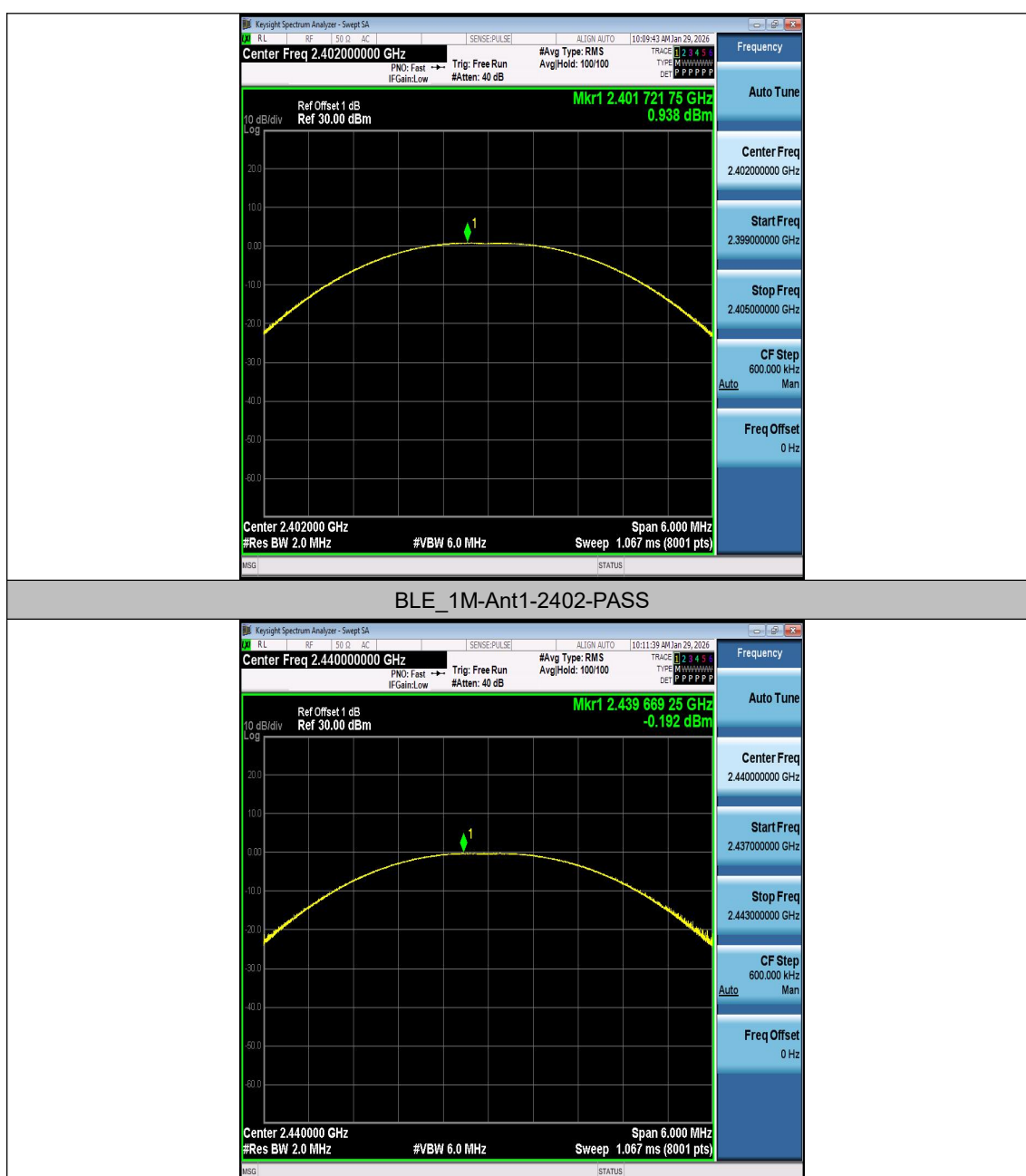
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.94	≤30	PASS
BLE_1M	Ant1	2440	-0.19	≤30	PASS
BLE_1M	Ant1	2480	1.98	≤30	PASS

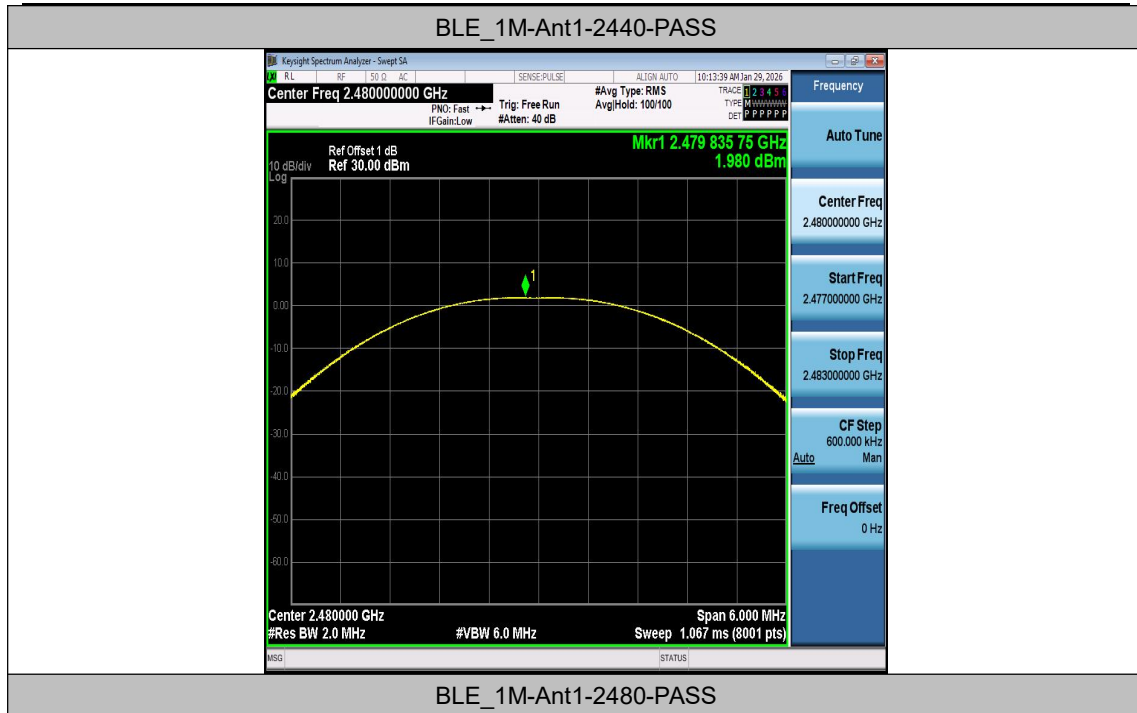
Test Graphs Peak



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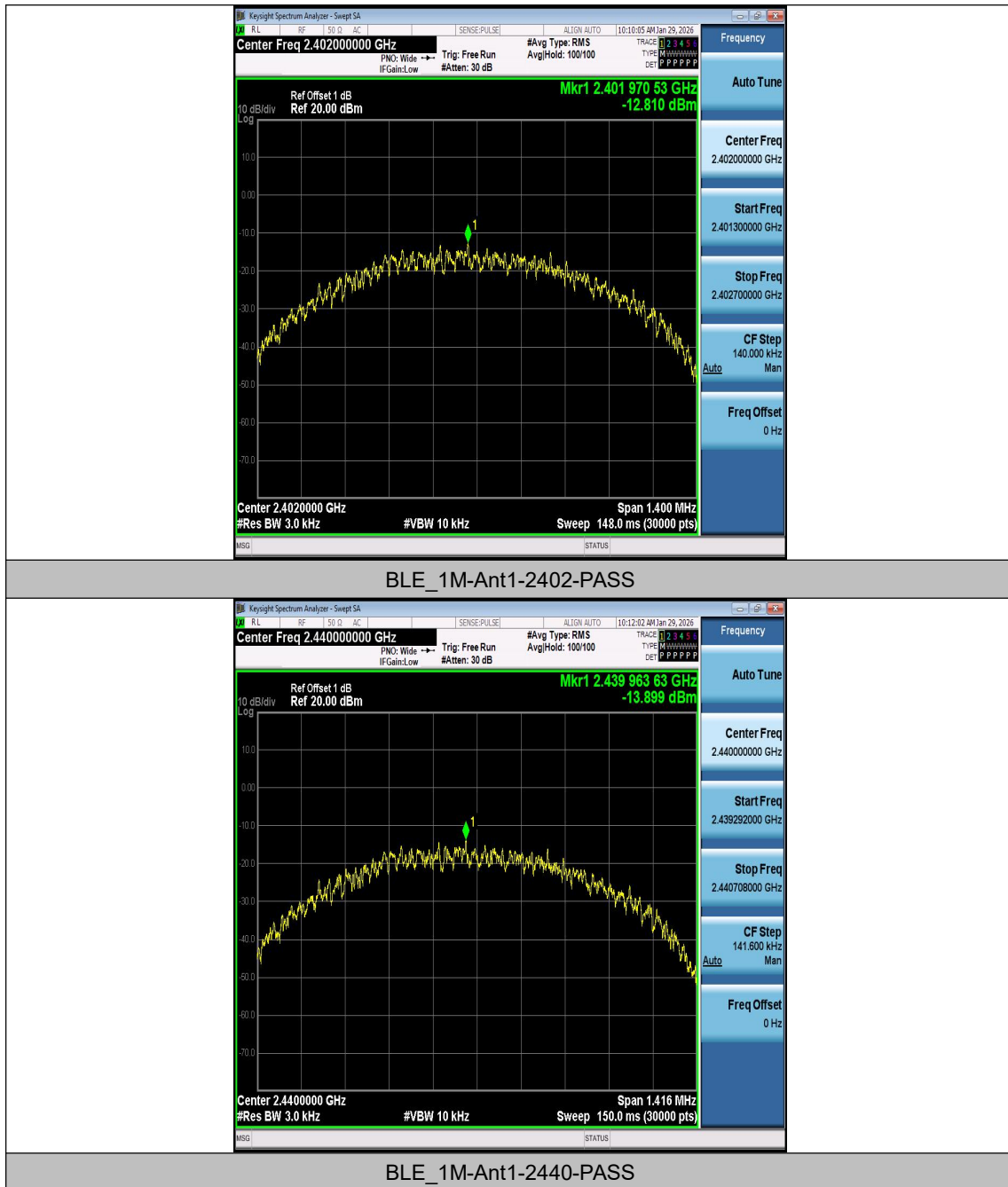
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-12.81	≤8.00	PASS
BLE_1M	Ant1	2440	-13.90	≤8.00	PASS
BLE_1M	Ant1	2480	-11.52	≤8.00	PASS

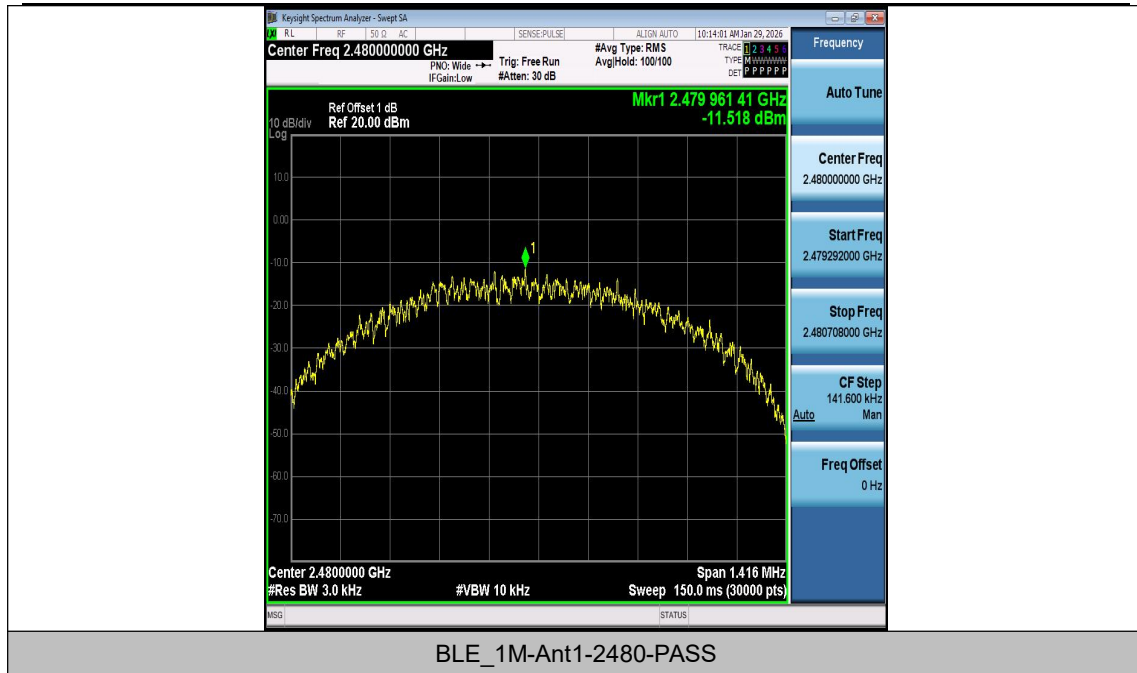
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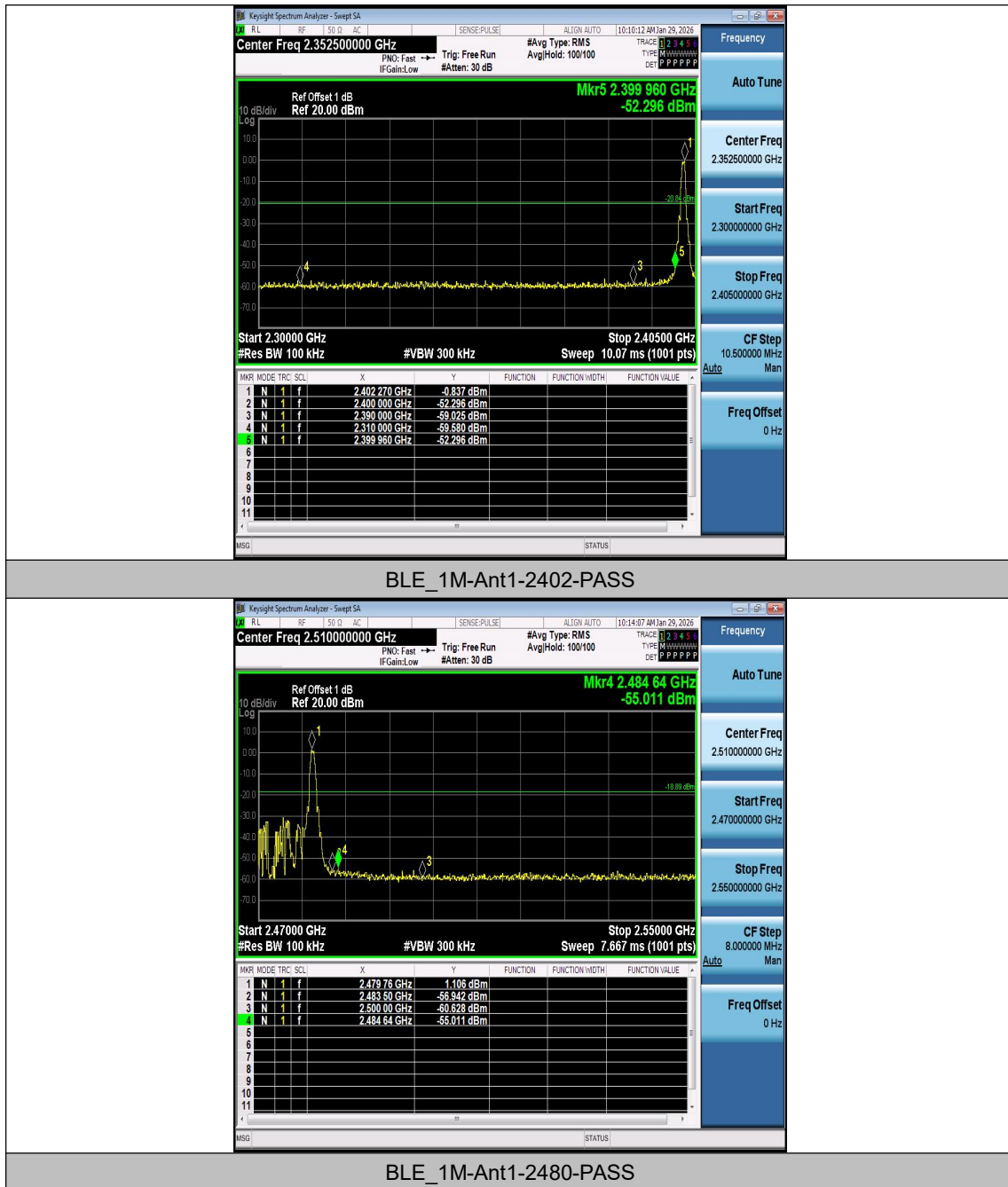
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-0.84	-52.3	≤-20.84	PASS
BLE_1M	Ant1	High	2480	1.11	-55.01	≤-18.89	PASS

Test Graphs



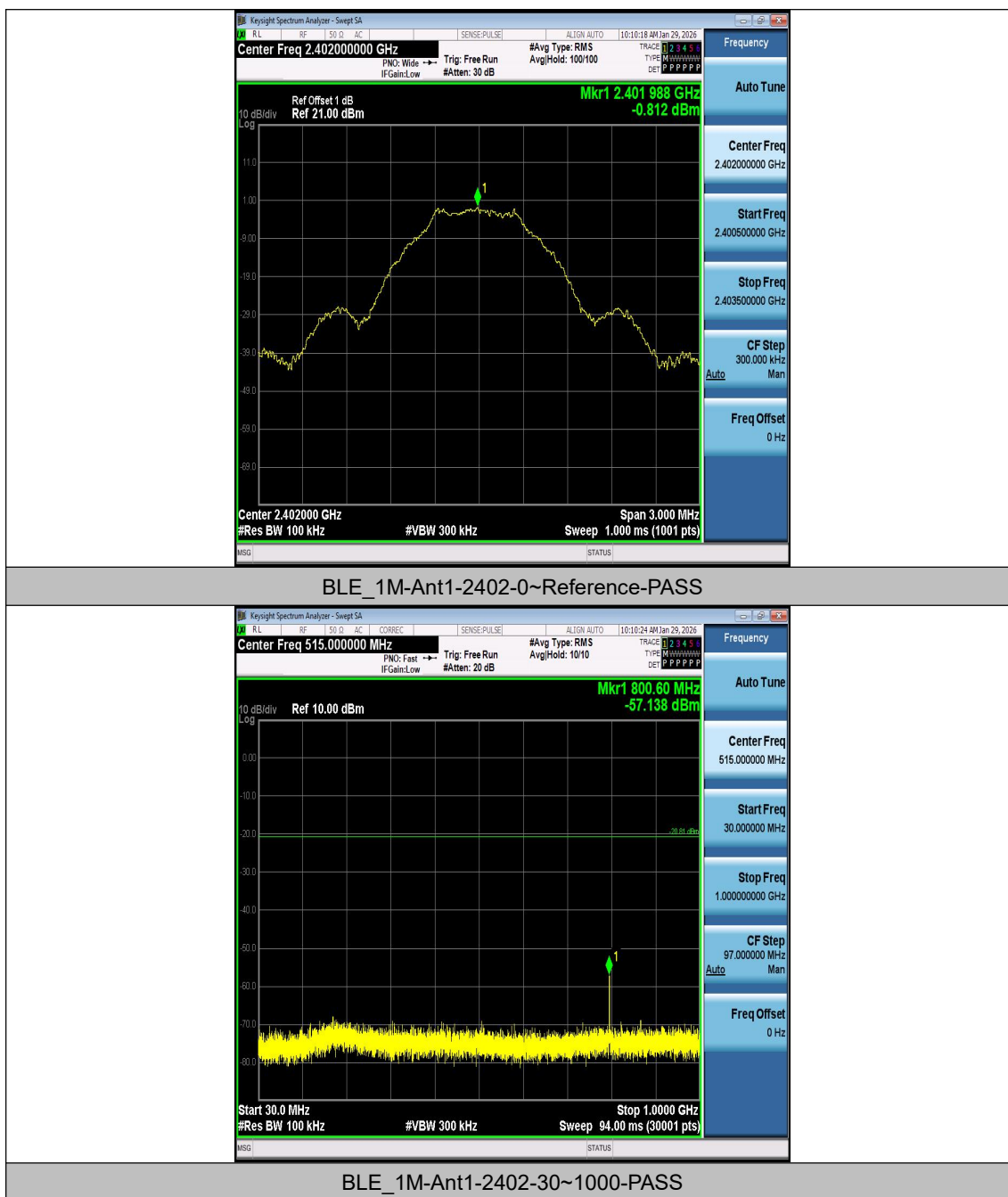
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-0.81	-0.81	---	PASS
BLE_1M	Ant1	2402	30~1000	-0.81	-57.14	≤-20.81	PASS
BLE_1M	Ant1	2402	1000~26500	-0.81	-35.66	≤-20.81	PASS
BLE_1M	Ant1	2440	0~Reference	-1.34	-1.34	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.34	-56.95	≤-21.34	PASS
BLE_1M	Ant1	2440	1000~26500	-1.34	-36.15	≤-21.34	PASS
BLE_1M	Ant1	2480	0~Reference	1.18	1.18	---	PASS
BLE_1M	Ant1	2480	30~1000	1.18	-56.64	≤-18.82	PASS
BLE_1M	Ant1	2480	1000~26500	1.18	-35.75	≤-18.82	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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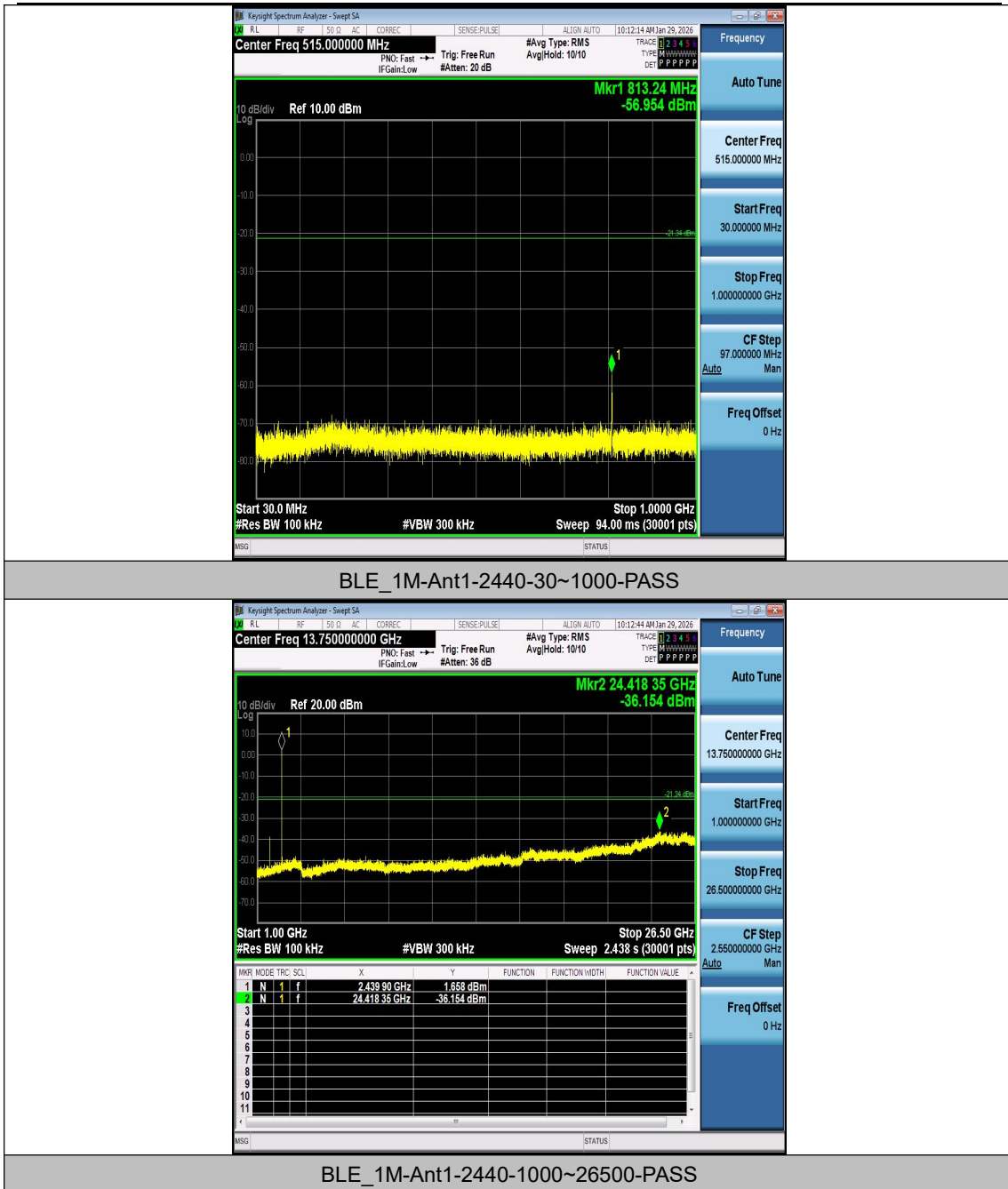
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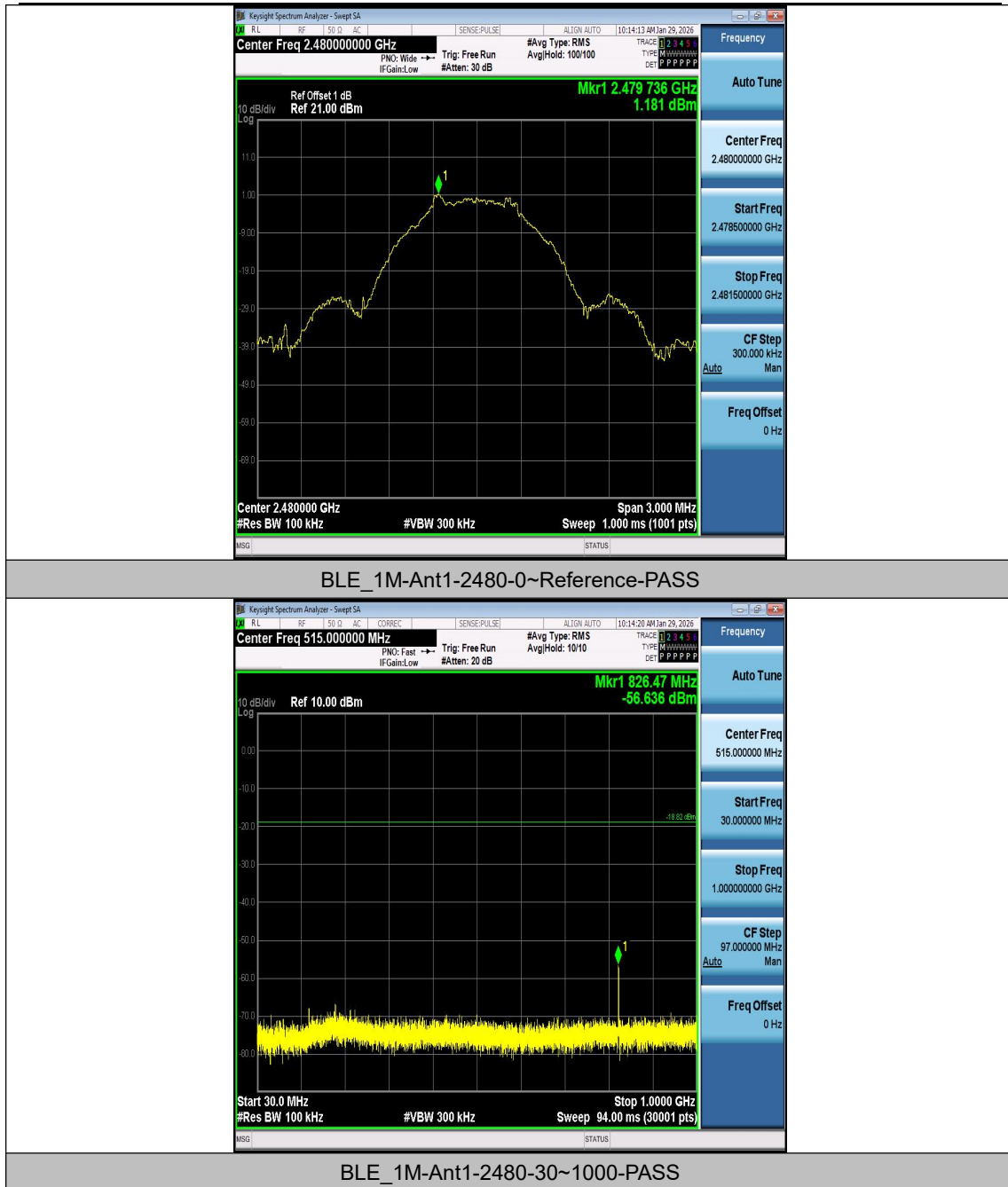
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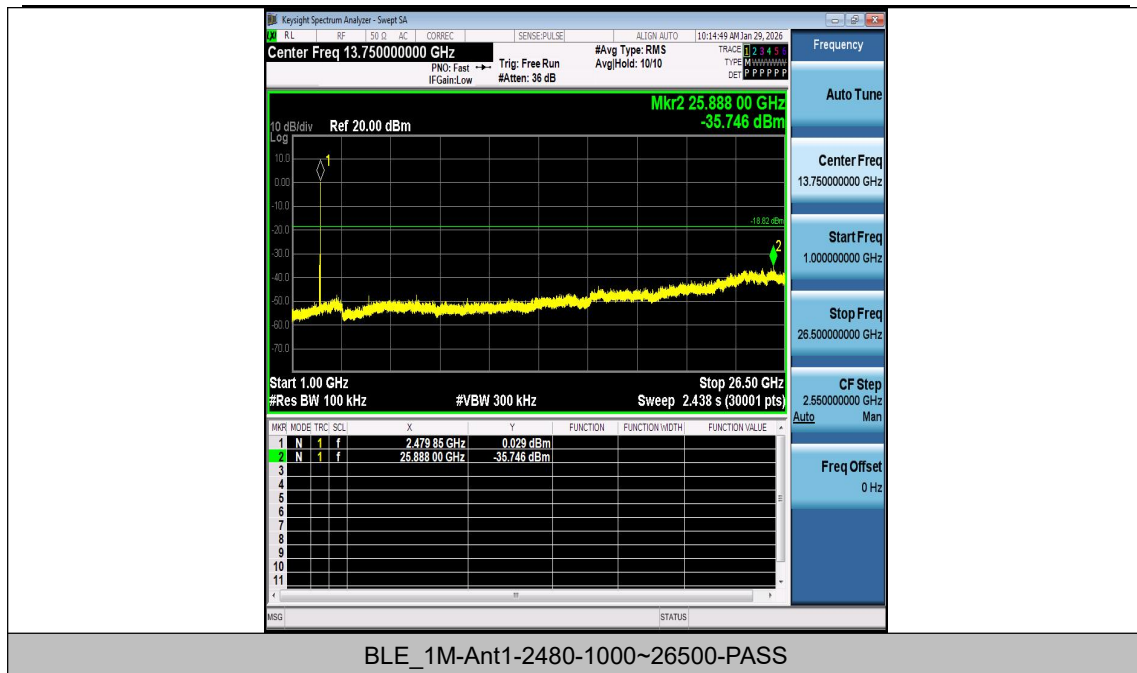
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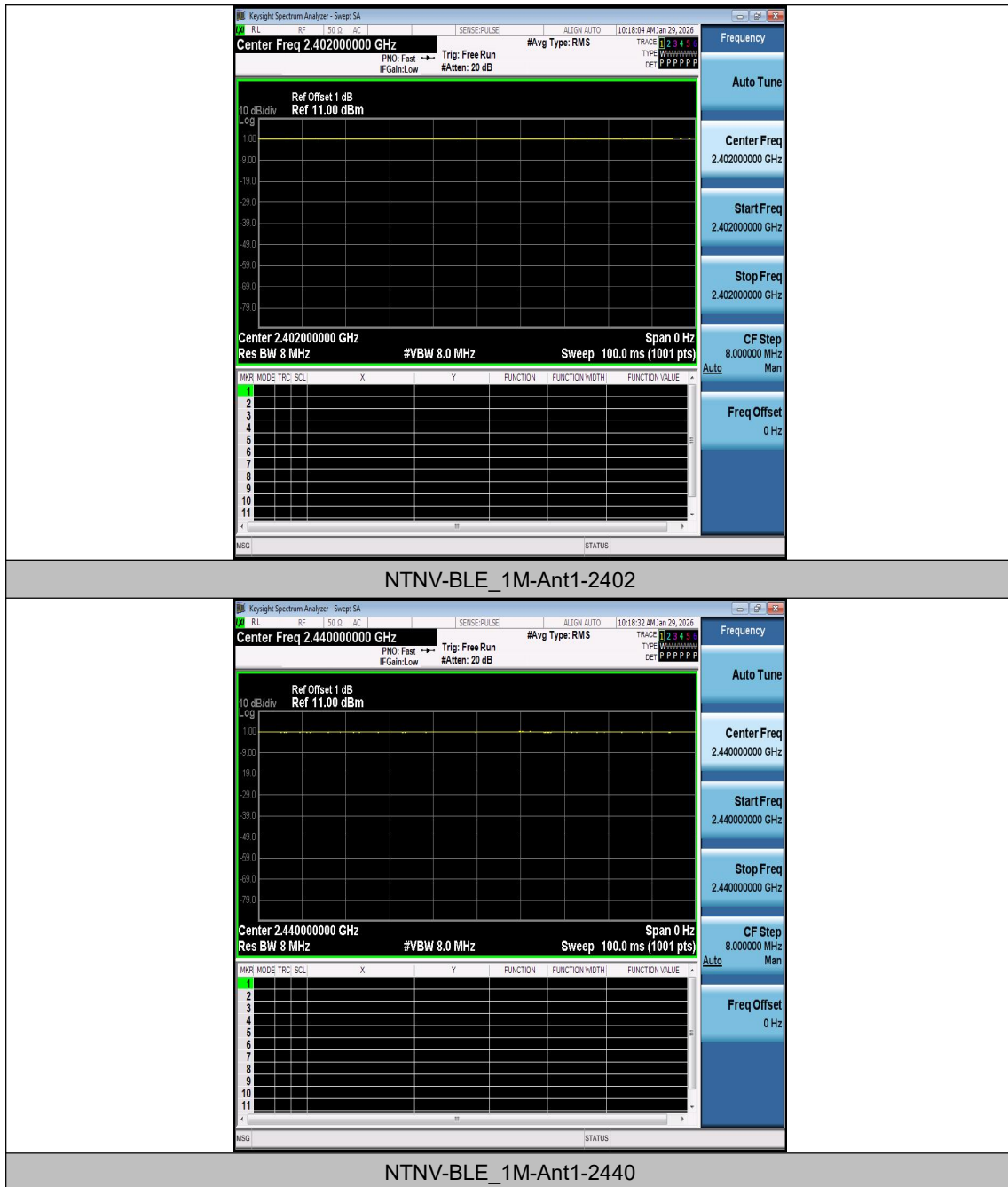
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Appendix G: Duty Cycle

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

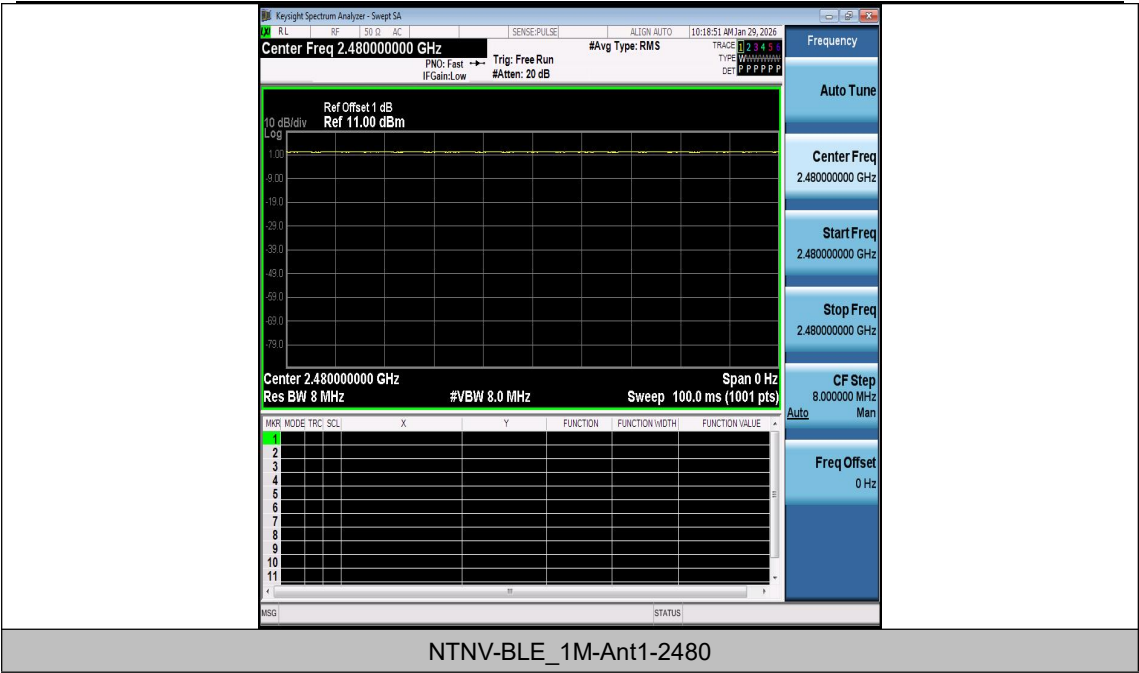
Test Graphs



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