

Appendix Test Data

Report No.:	1812C60367312502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-2	Finish Test Date:	2026-7-6
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8℃	Relative Humidity:	64%
Pressure:	99.9kPa		



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	0.696	2401.732	2402.428	0.5	PASS
BLE_1M	Ant1	2440	0.720	2439.720	2440.440	0.5	PASS
BLE_1M	Ant1	2480	0.668	2479.752	2480.420	0.5	PASS

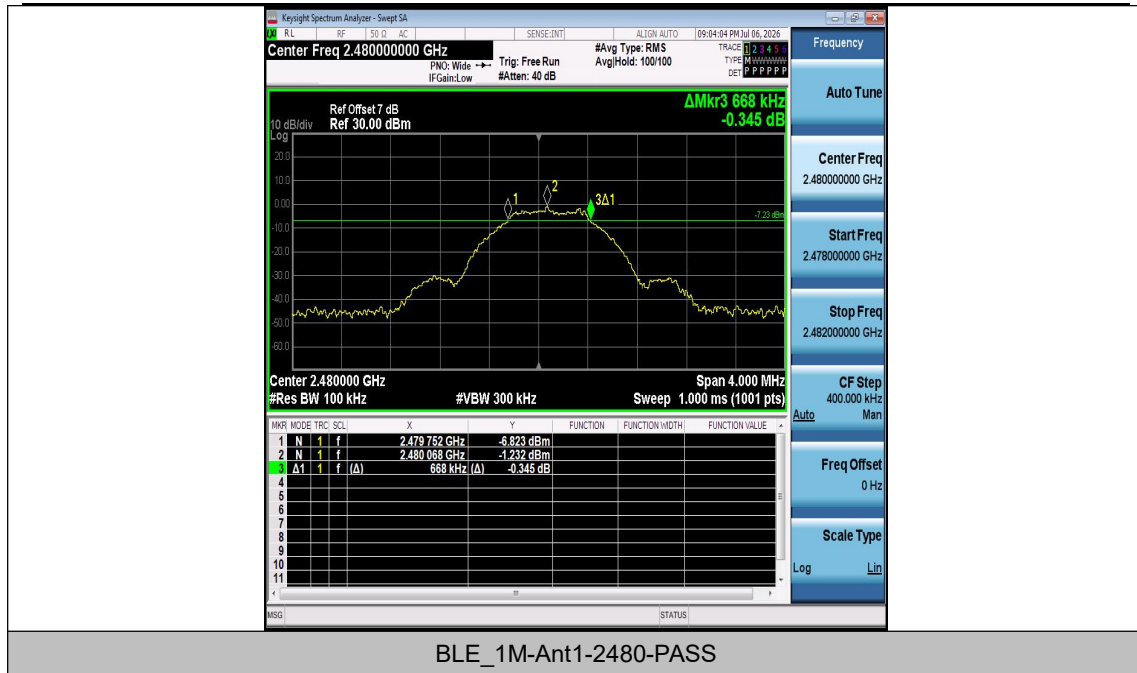
Test Graphs



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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	1.0570	2401.5489	2402.6059	---	---
BLE_1M	Ant1	2440	1.0514	2439.5612	2440.6126	---	---
BLE_1M	Ant1	2480	1.0622	2479.5513	2480.6135	---	---

Test Graphs



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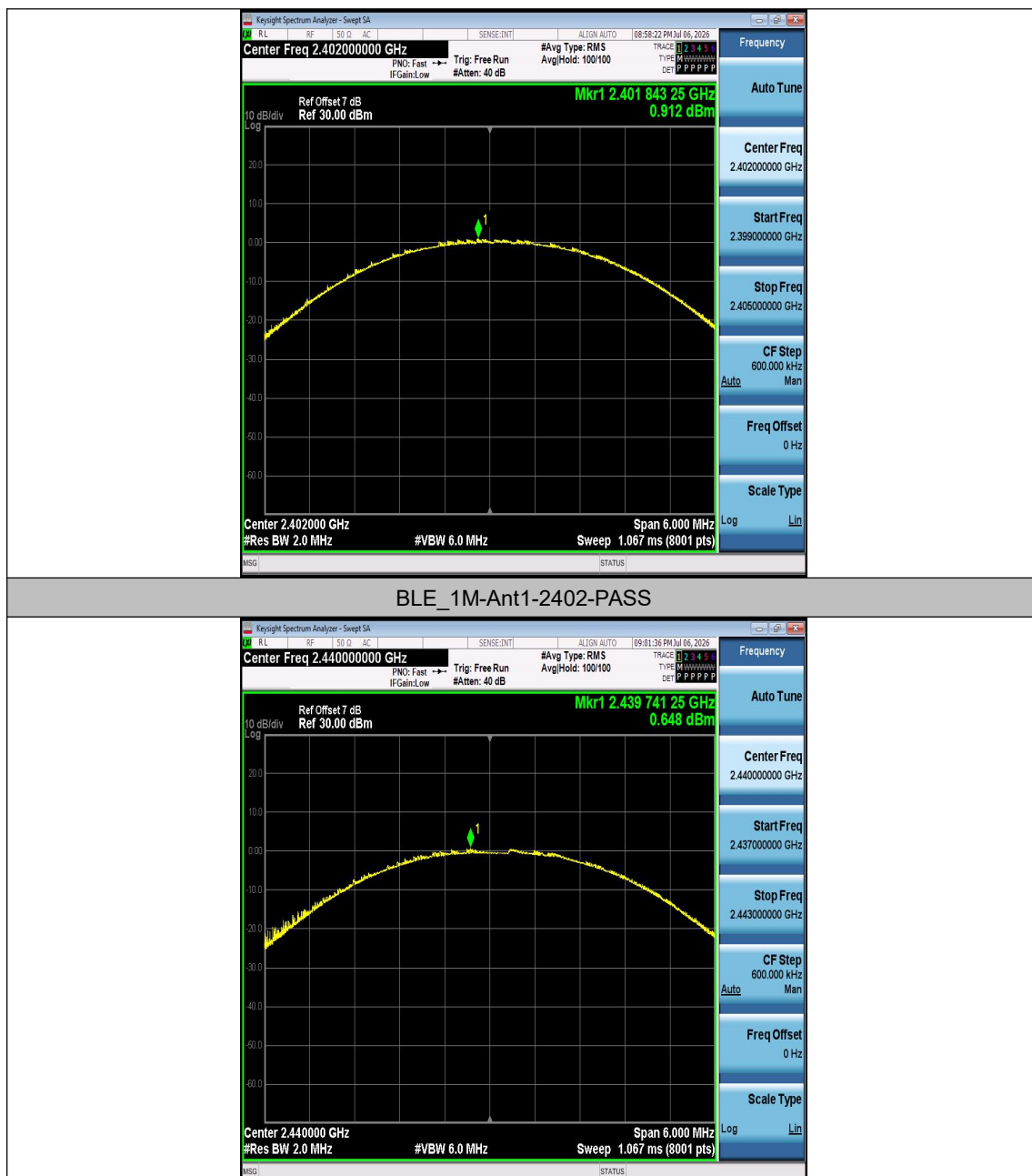
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.91	≤30	PASS
BLE_1M	Ant1	2440	0.65	≤30	PASS
BLE_1M	Ant1	2480	0.27	≤30	PASS

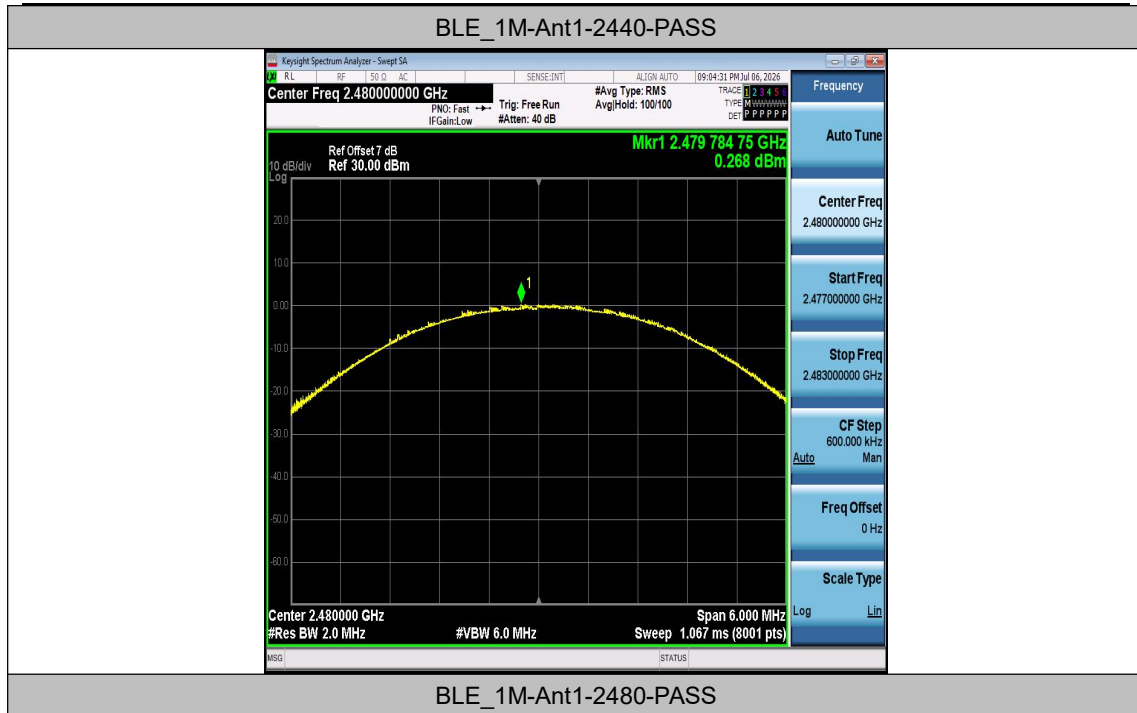
Test Graphs Peak



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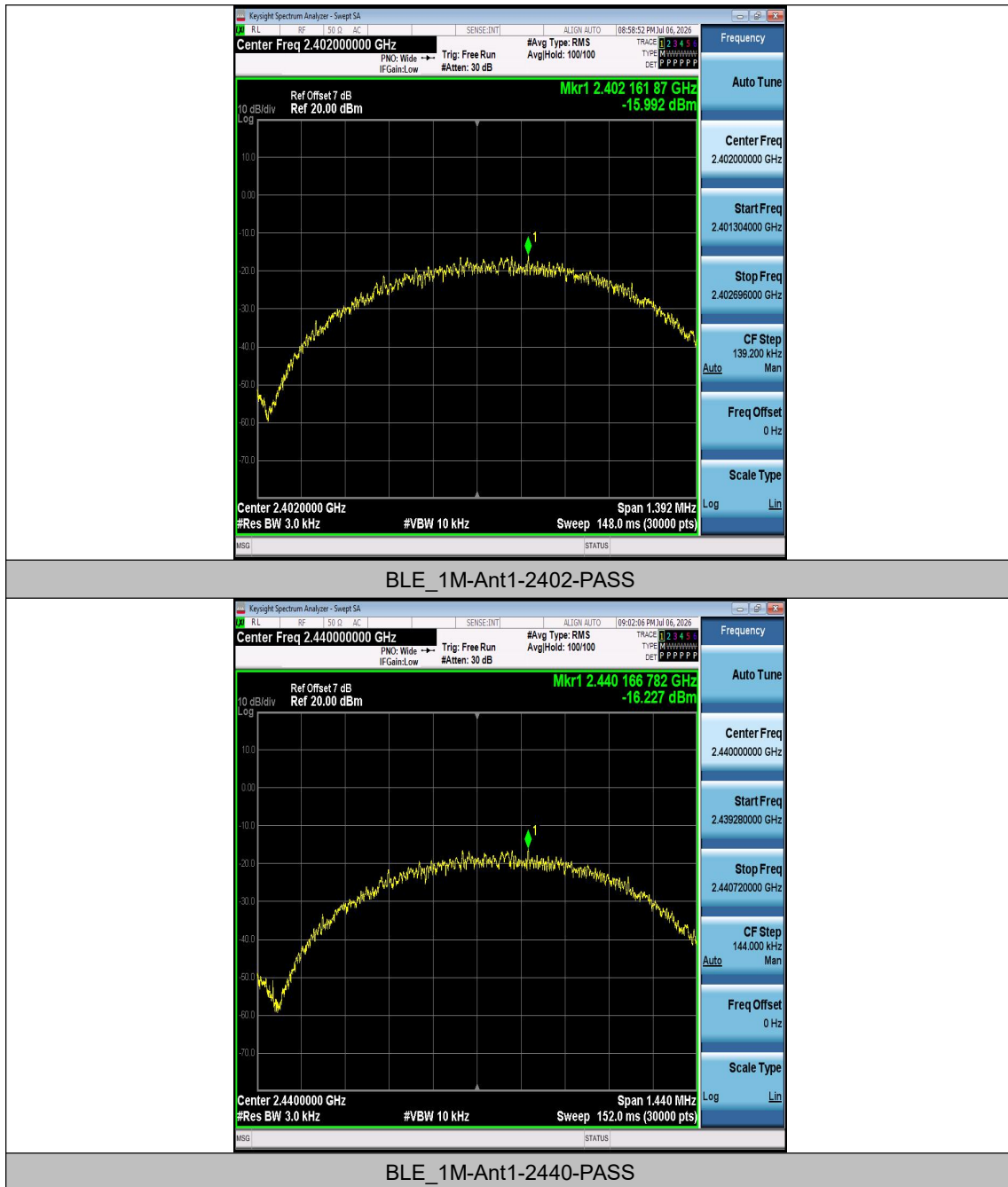
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.99	≤8.00	PASS
BLE_1M	Ant1	2440	-16.23	≤8.00	PASS
BLE_1M	Ant1	2480	-16.35	≤8.00	PASS

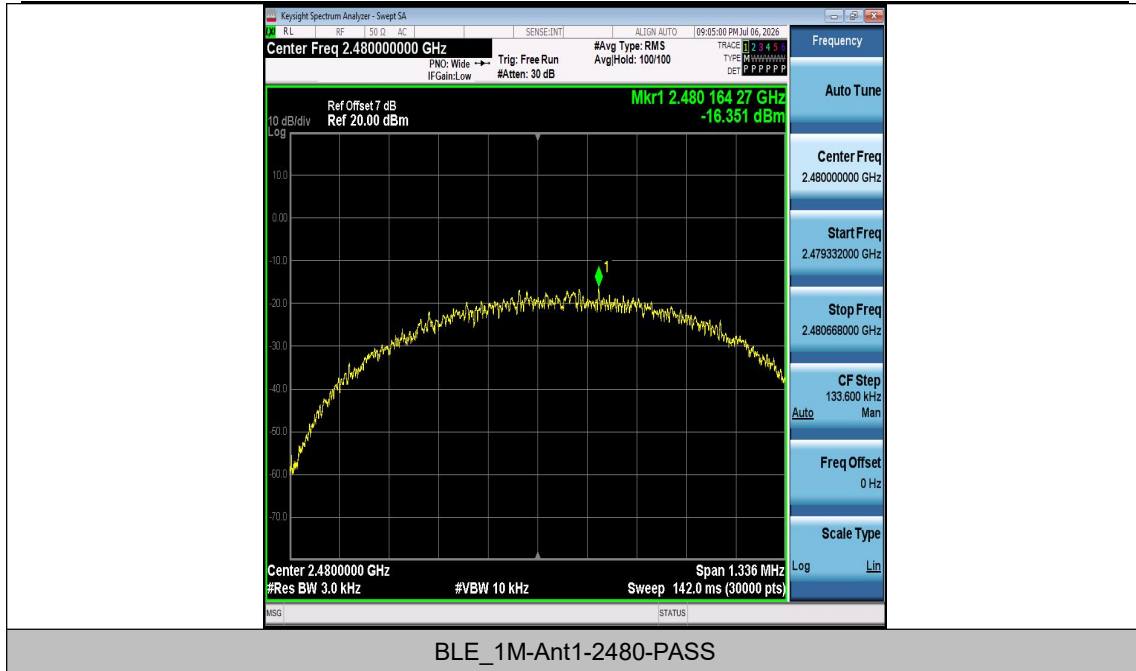
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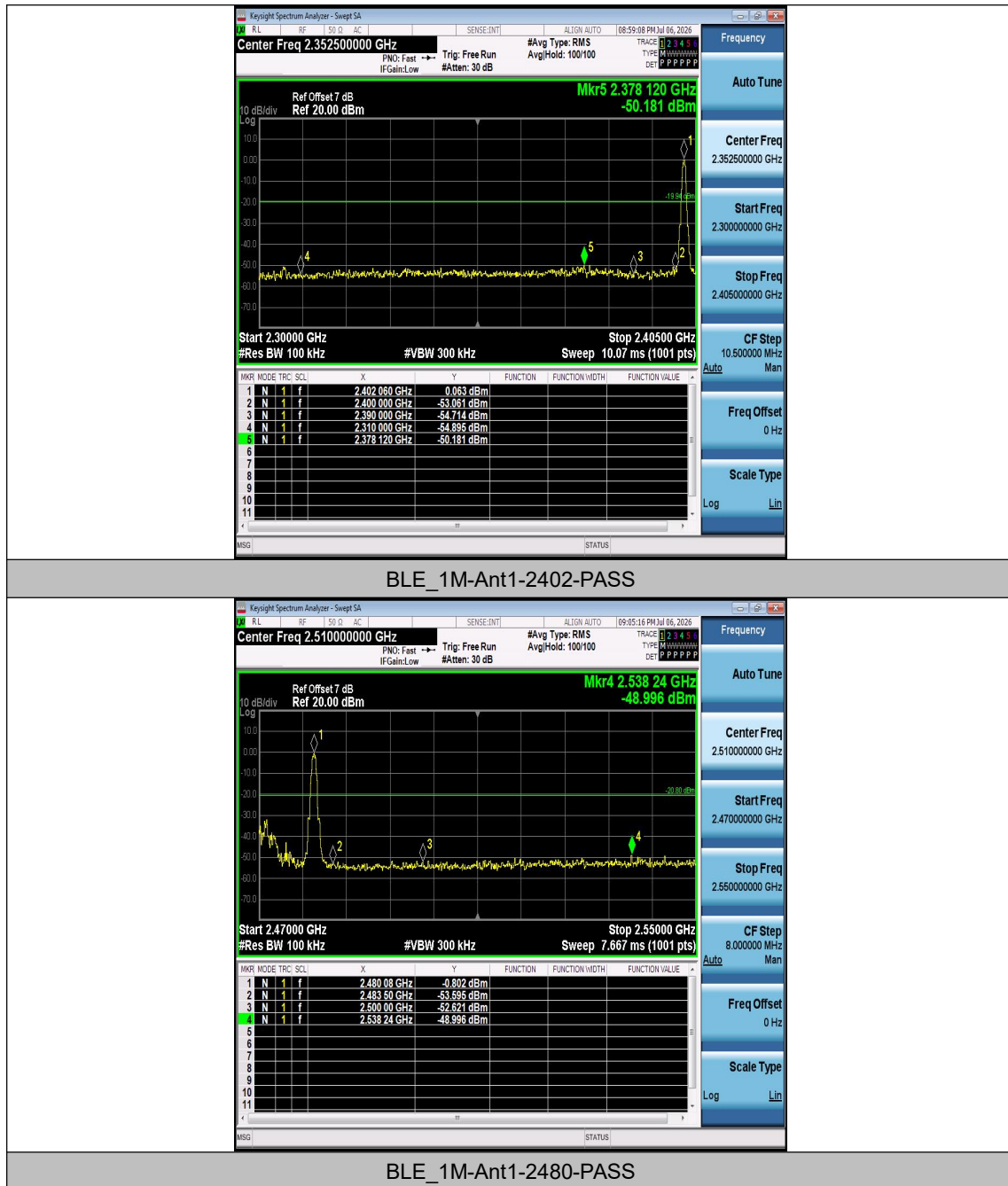
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.06	-50.18	≤-19.94	PASS
BLE_1M	Ant1	High	2480	-0.80	-49	≤-20.8	PASS

Test Graphs



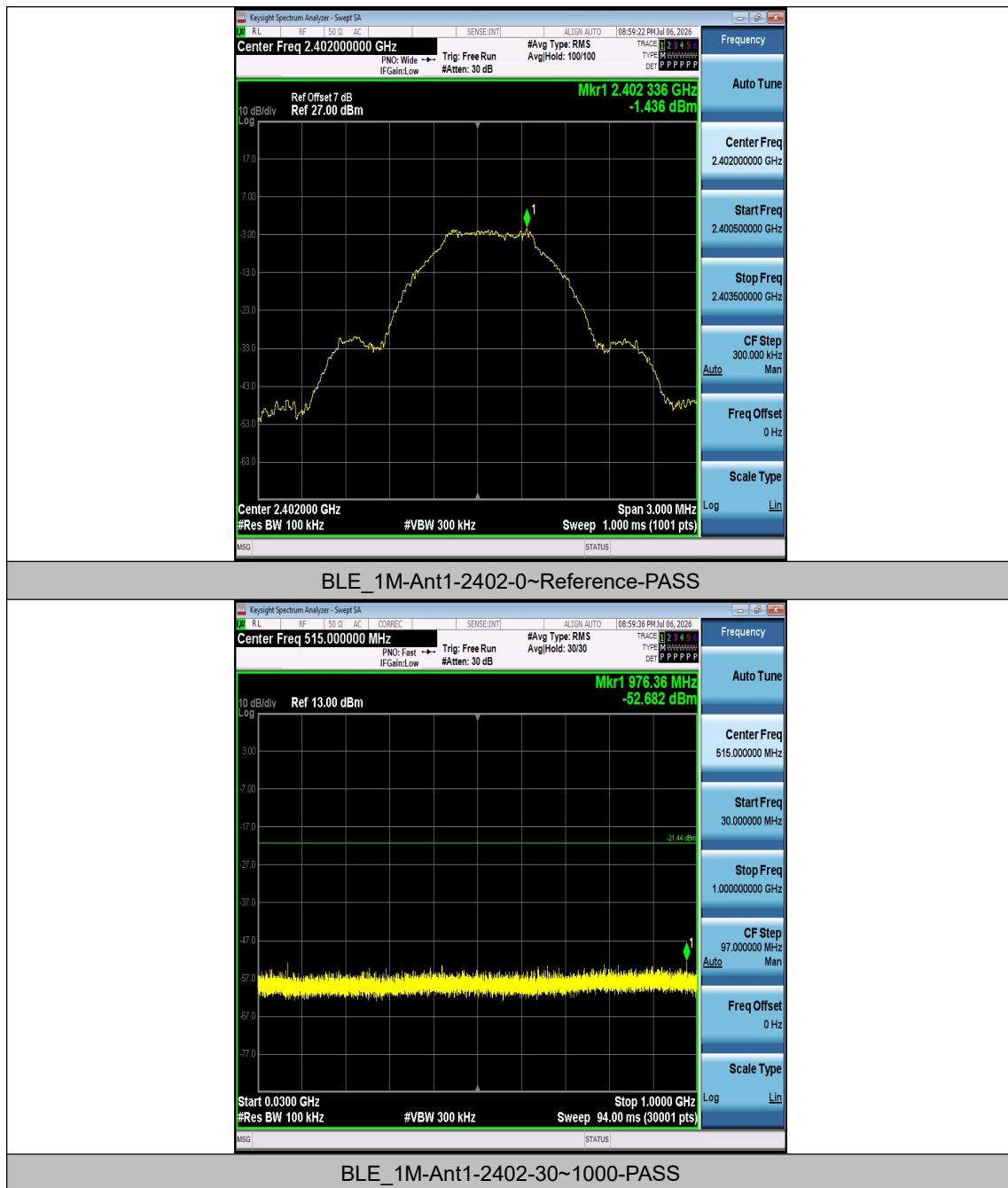
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.44	-1.44	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.44	-52.68	≤-21.44	PASS
BLE_1M	Ant1	2402	1000~26500	-1.44	-40.42	≤-21.44	PASS
BLE_1M	Ant1	2440	0~Reference	-0.78	-0.78	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.78	-52.55	≤-20.78	PASS
BLE_1M	Ant1	2440	1000~26500	-0.78	-30.9	≤-20.78	PASS
BLE_1M	Ant1	2480	0~Reference	-2.03	-2.03	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.03	-53.05	≤-22.03	PASS
BLE_1M	Ant1	2480	1000~26500	-2.03	-42.8	≤-22.03	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.

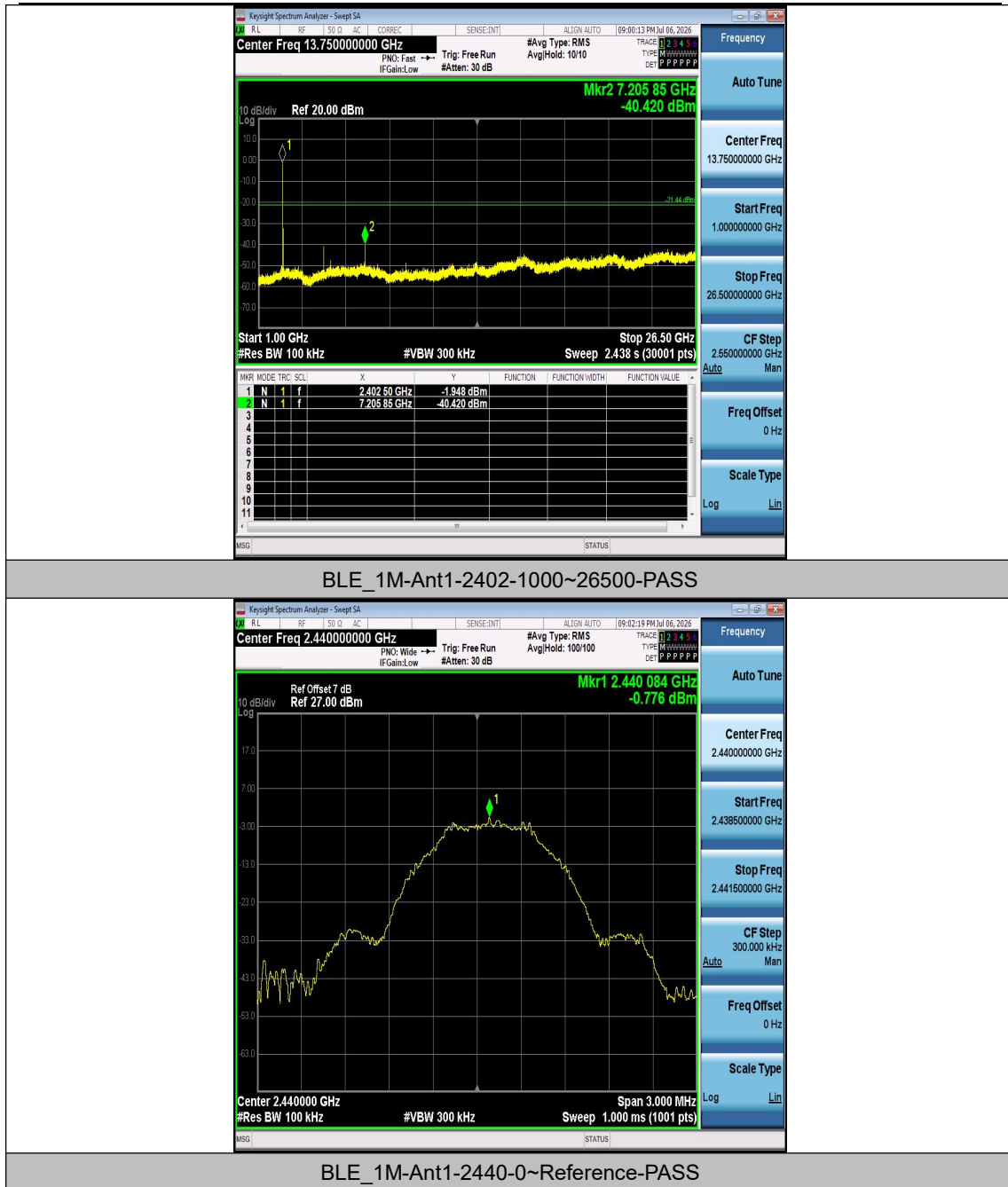
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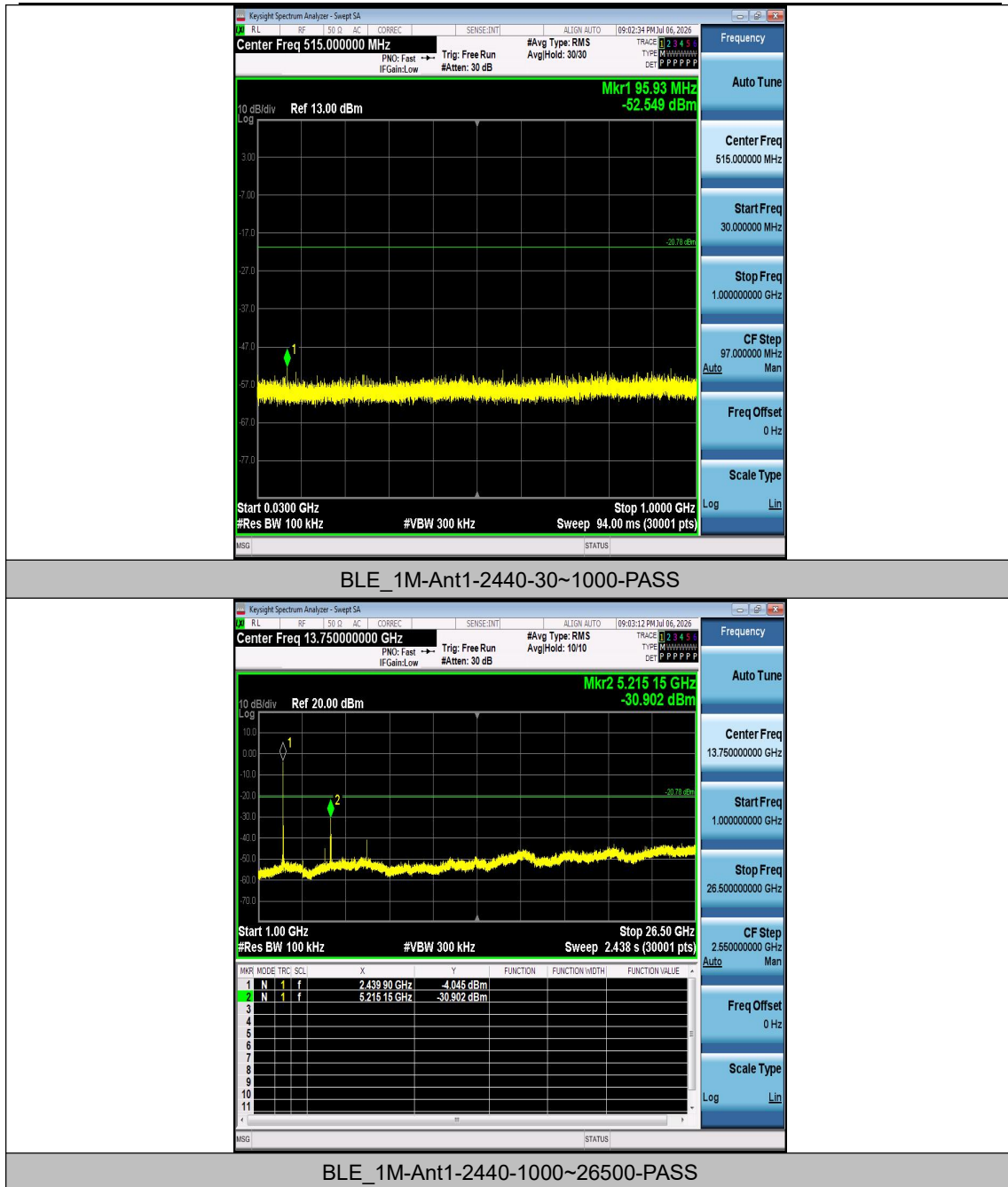
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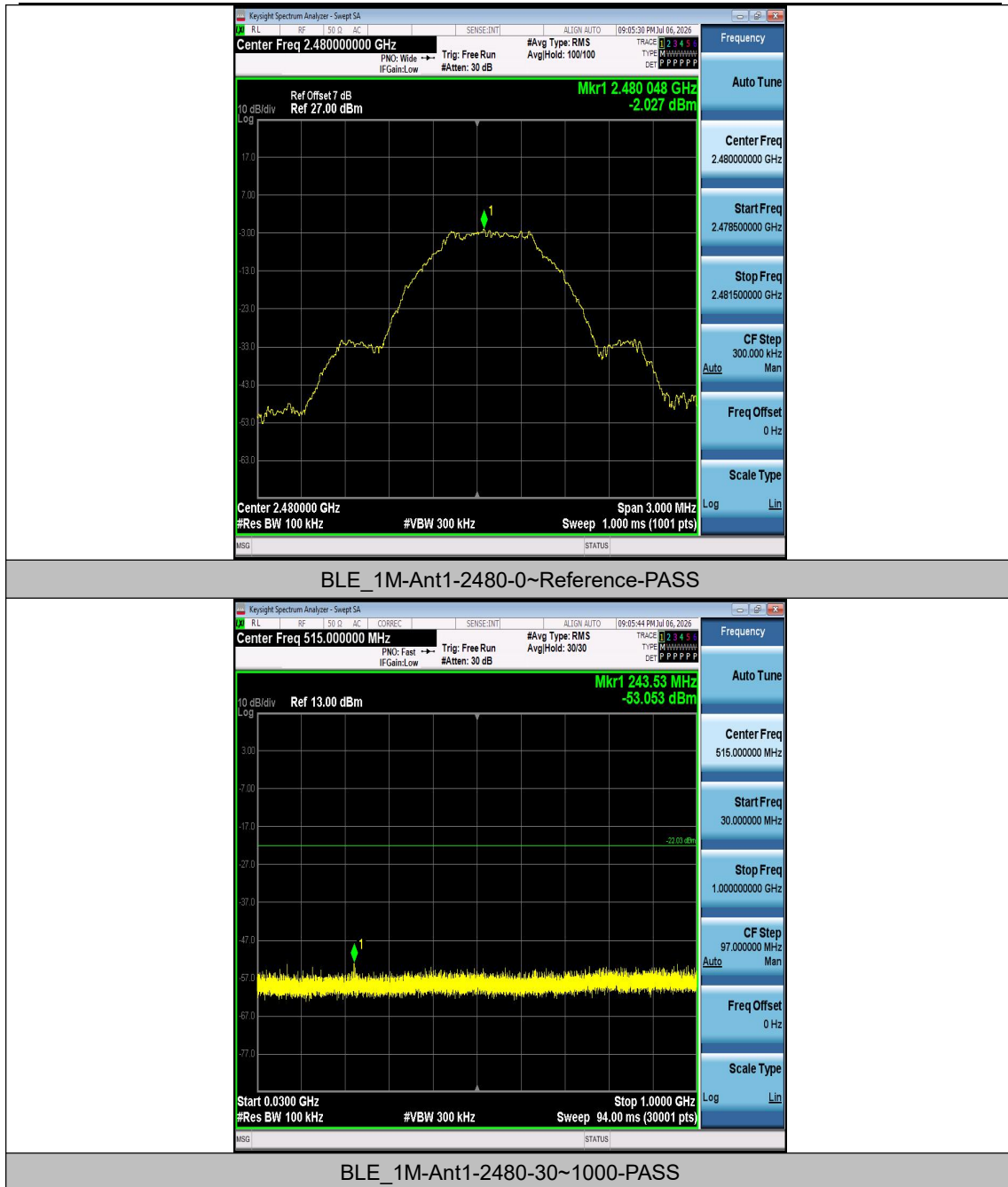
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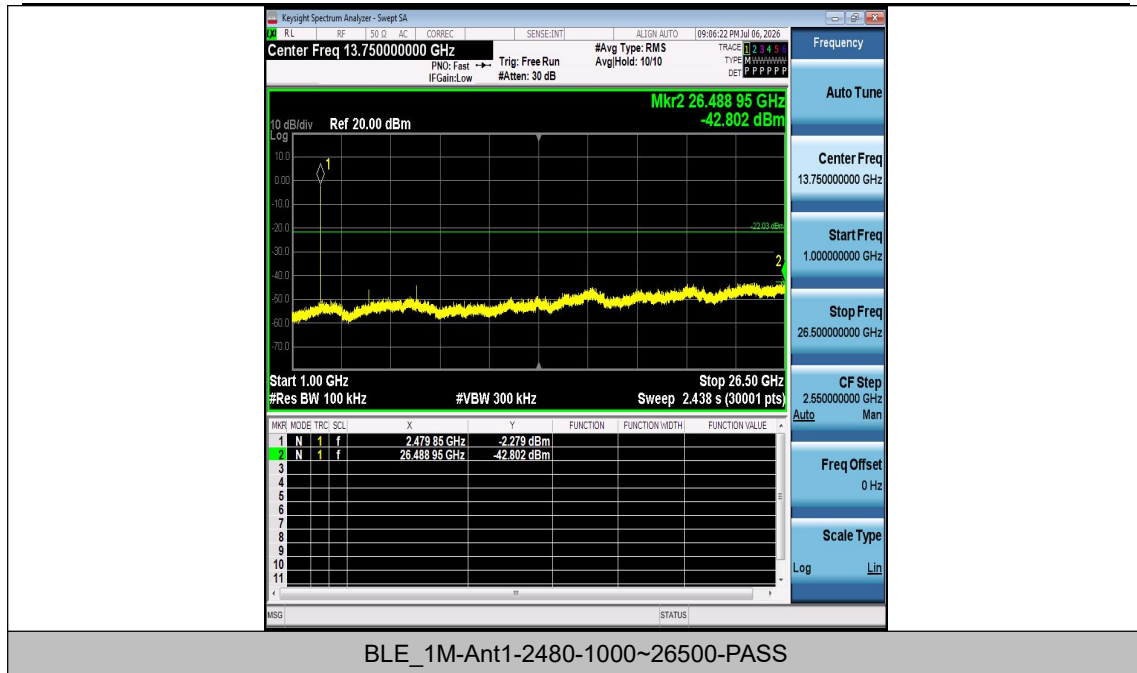
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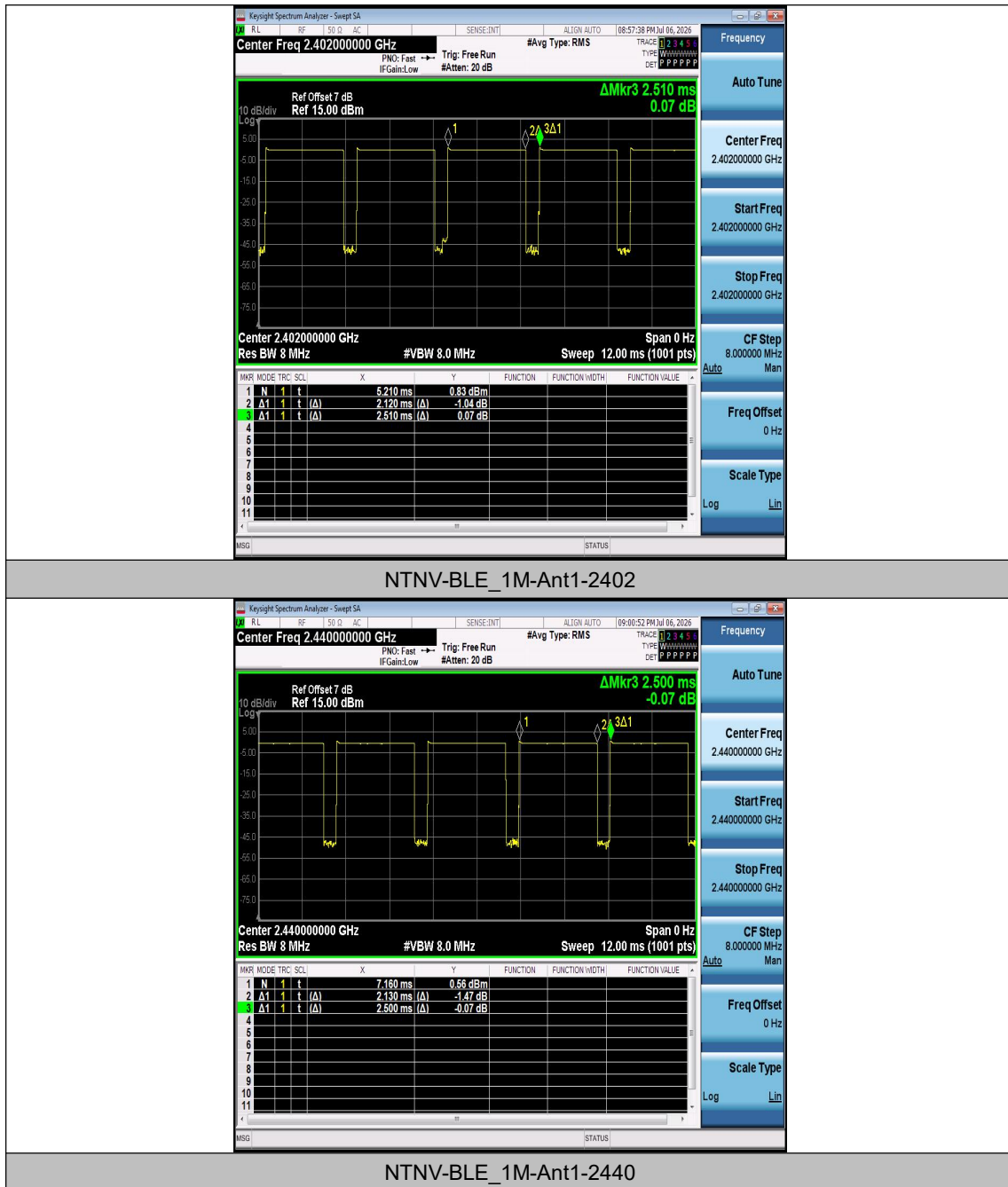
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Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.51	84.46	0.73
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_1M	Ant1	2480	2.12	2.50	84.80	0.72

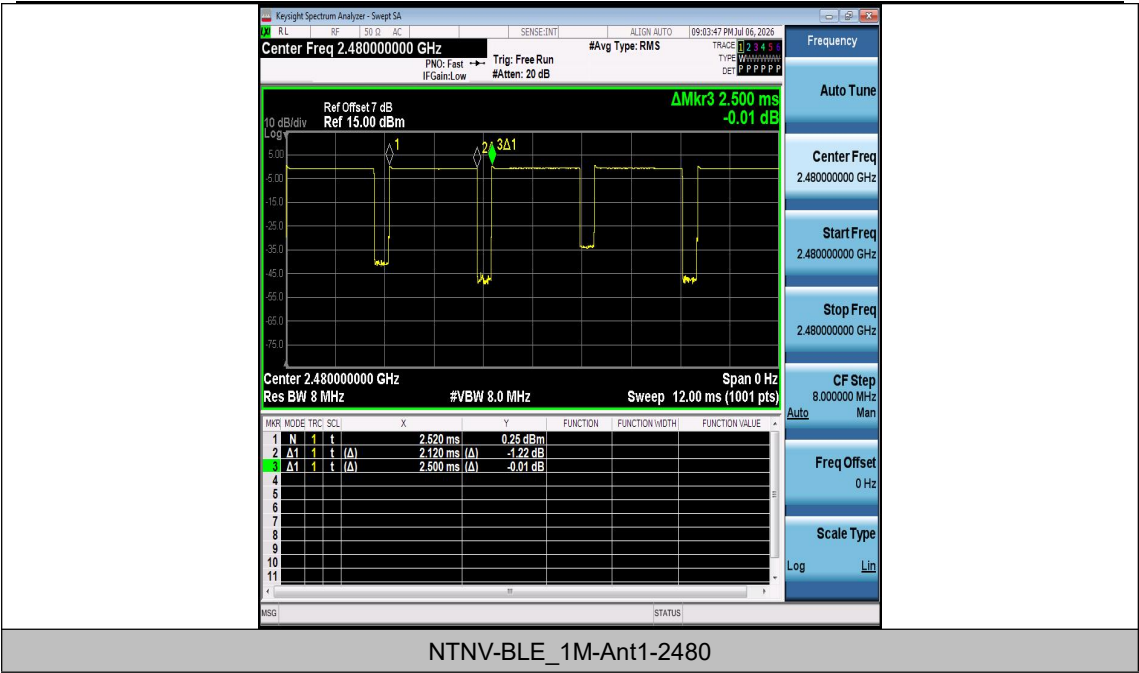
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