

Appendix Test Data

Report No.:	1821C60017012501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-7-28	Finish Test Date:	2026-7-29
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	22°C	Relative Humidity:	66%
Pressure:	100.4kPa		



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	0.708	2401.624	2402.332	0.5	PASS
BLE_1M	Ant1	2440	0.676	2439.640	2440.316	0.5	PASS
BLE_1M	Ant1	2480	0.708	2479.616	2480.324	0.5	PASS

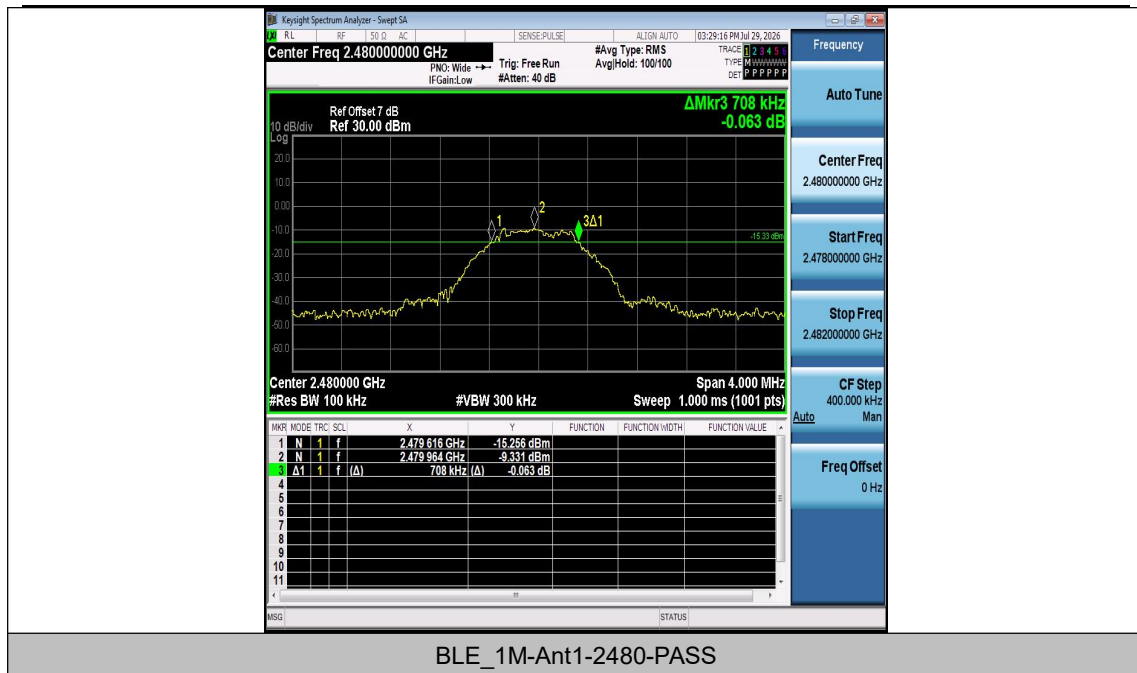
Test Graphs



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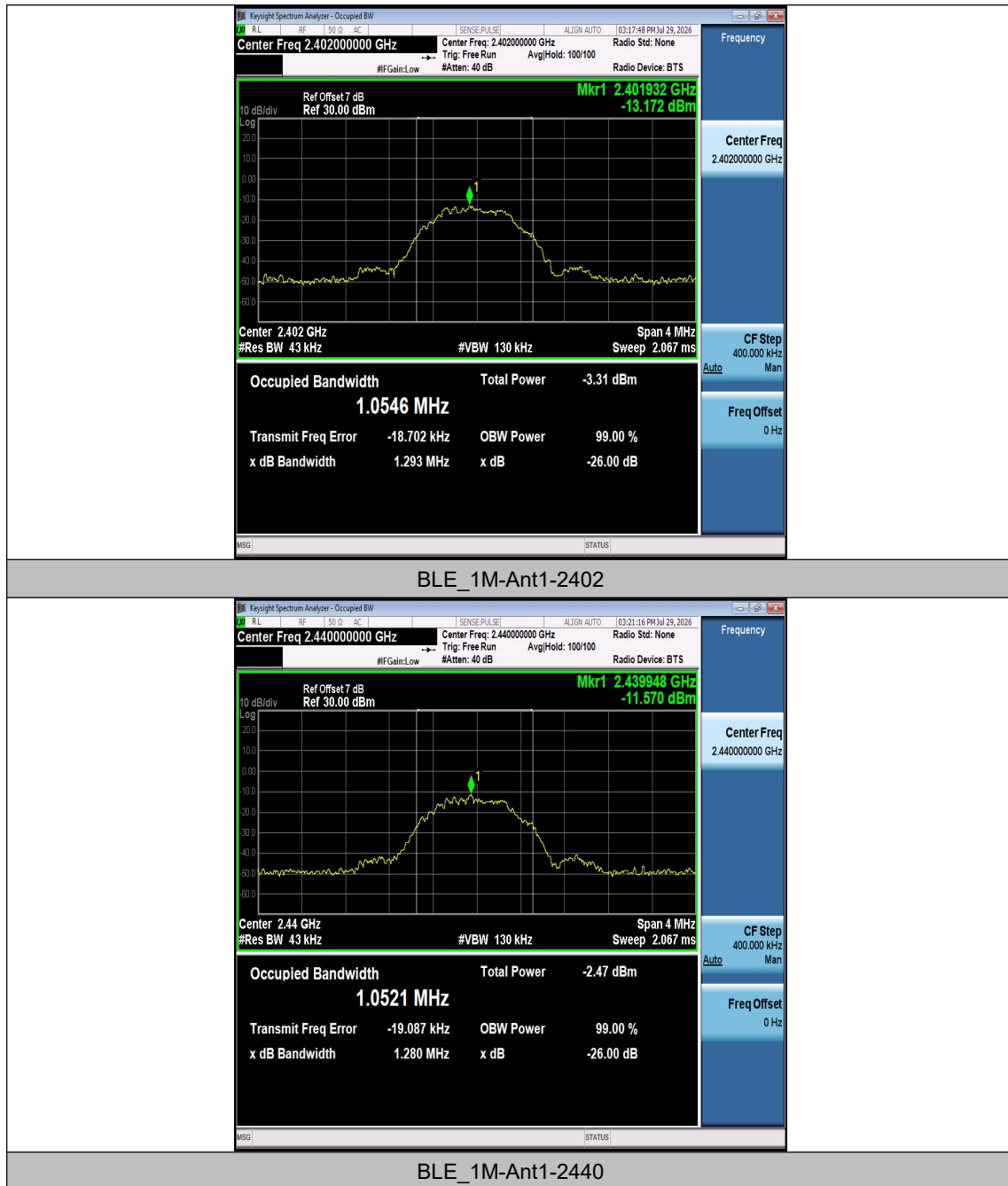
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0546	2401.4540	2402.5086	---	---
BLE_1M	Ant1	2440	1.0521	2439.4549	2440.5070	---	---
BLE_1M	Ant1	2480	1.0542	2479.4529	2480.5071	---	---

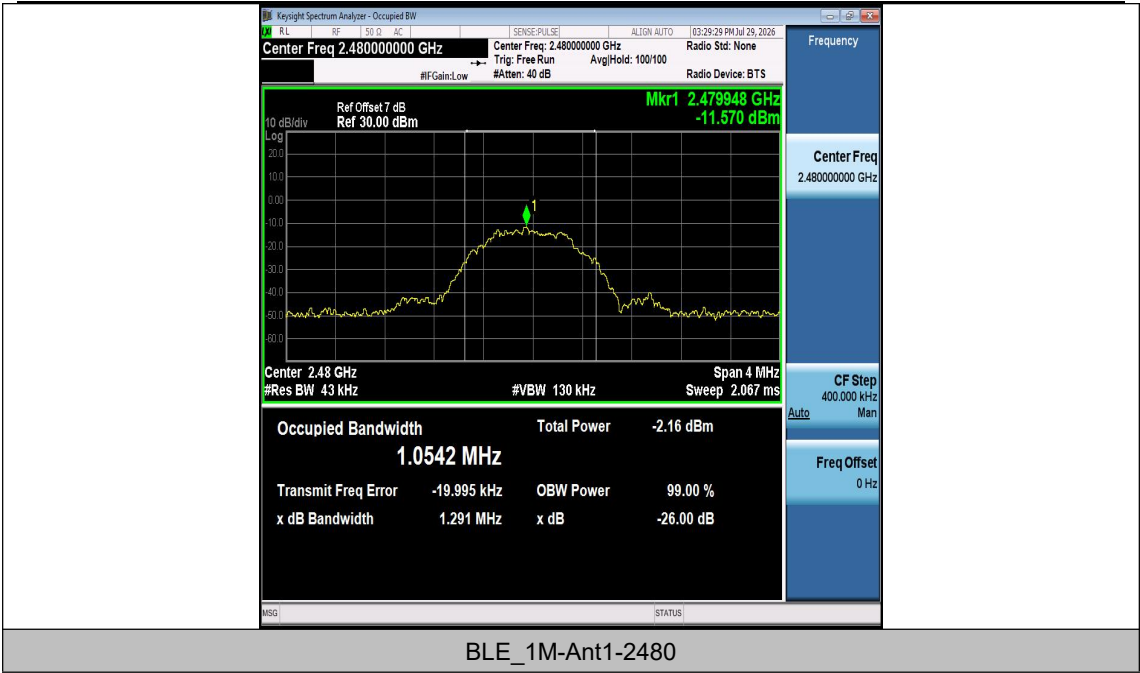
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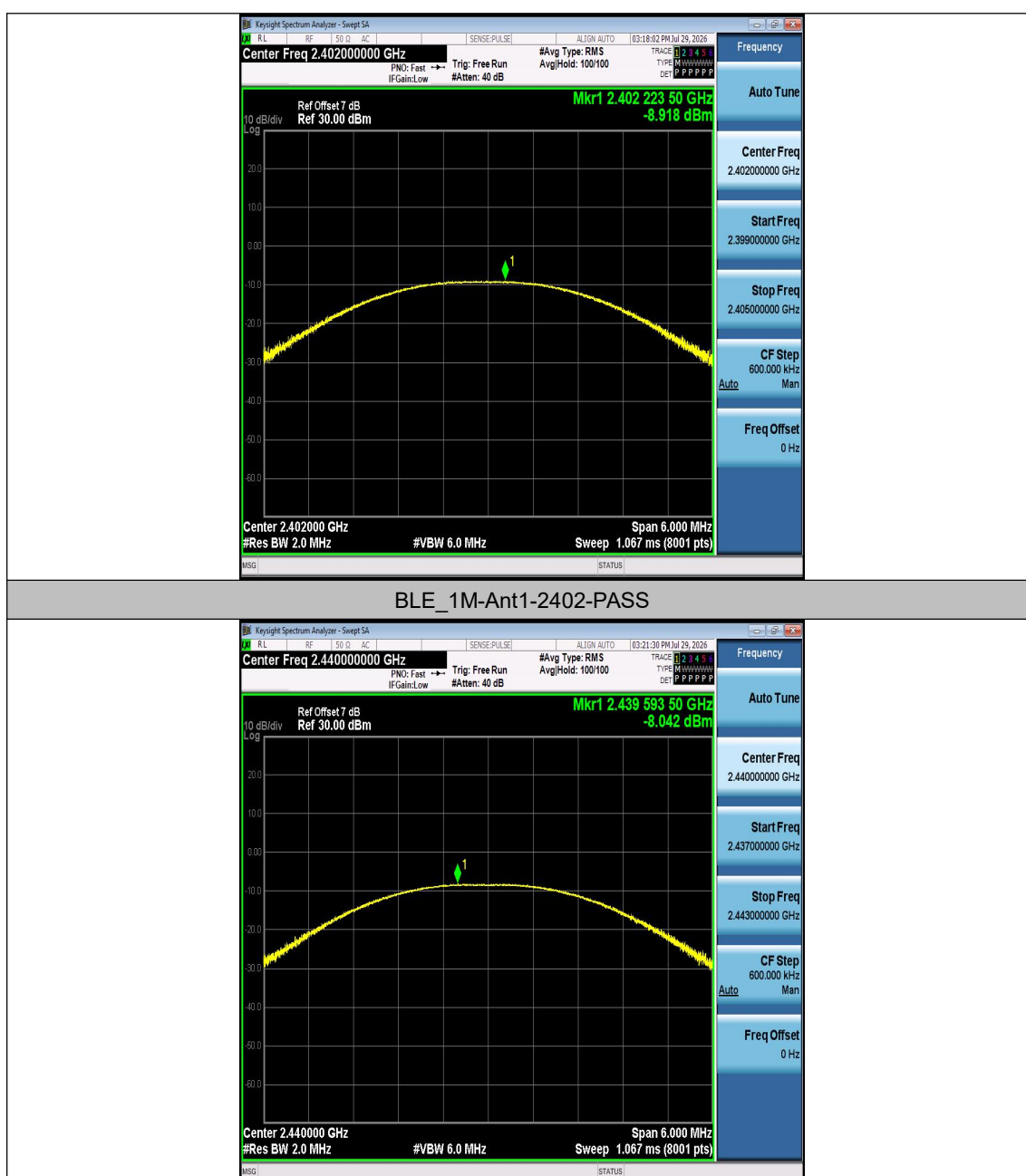
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Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-8.92	≤30	PASS
BLE_1M	Ant1	2440	-8.04	≤30	PASS
BLE_1M	Ant1	2480	-7.87	≤30	PASS

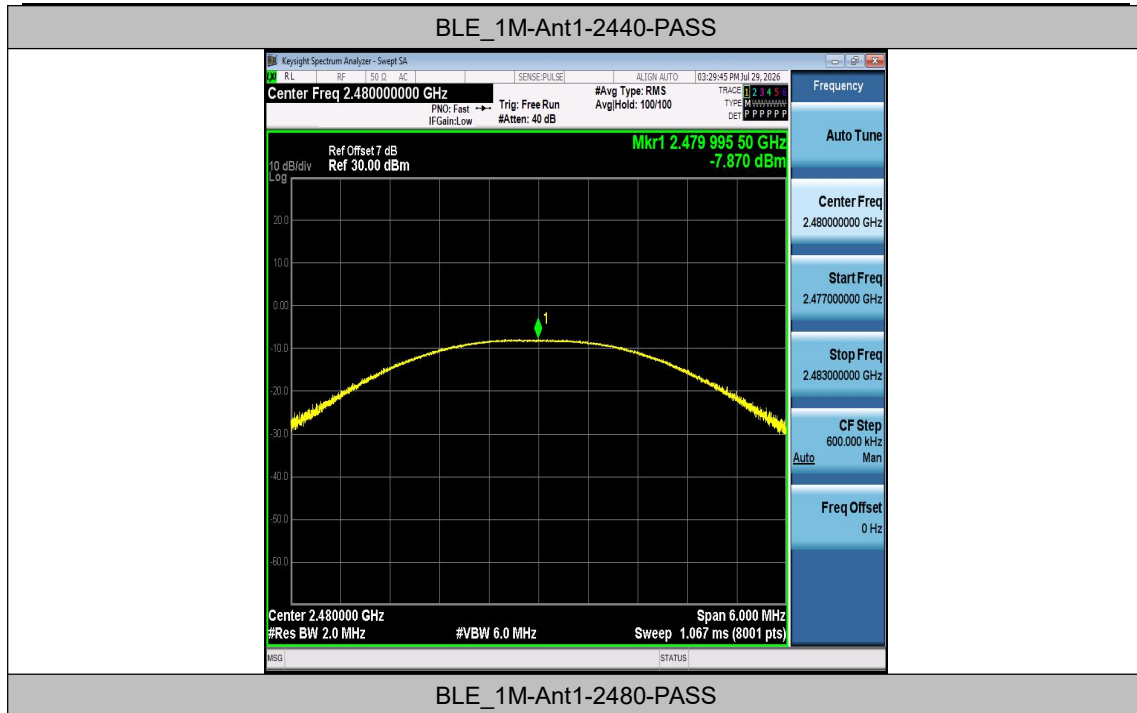
Test Graphs Peak



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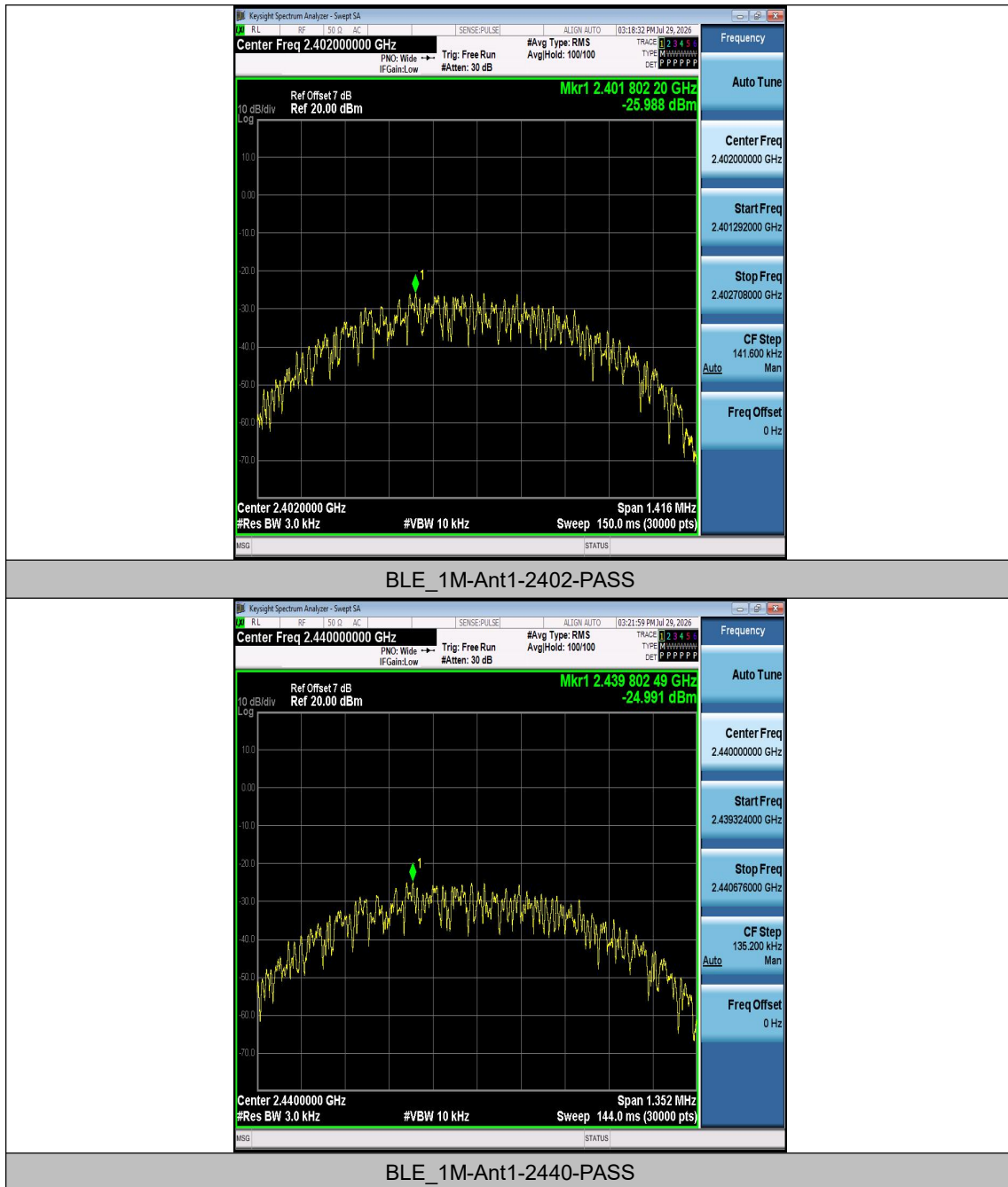
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Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-25.99	≤8.00	PASS
BLE_1M	Ant1	2440	-24.99	≤8.00	PASS
BLE_1M	Ant1	2480	-24.84	≤8.00	PASS

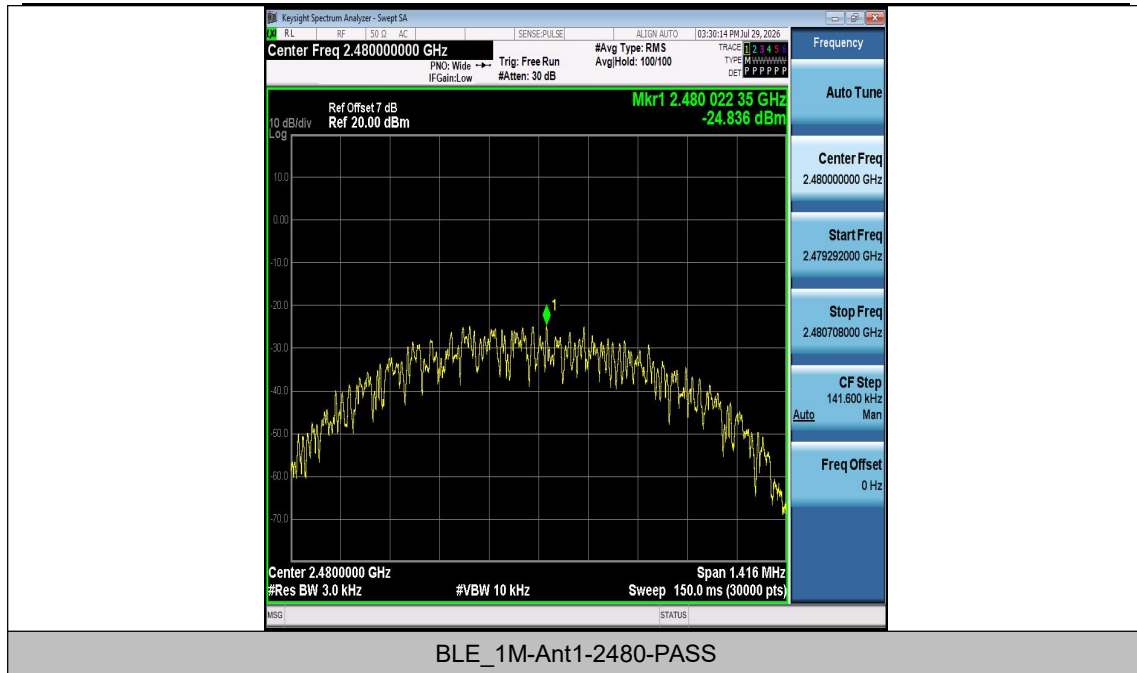
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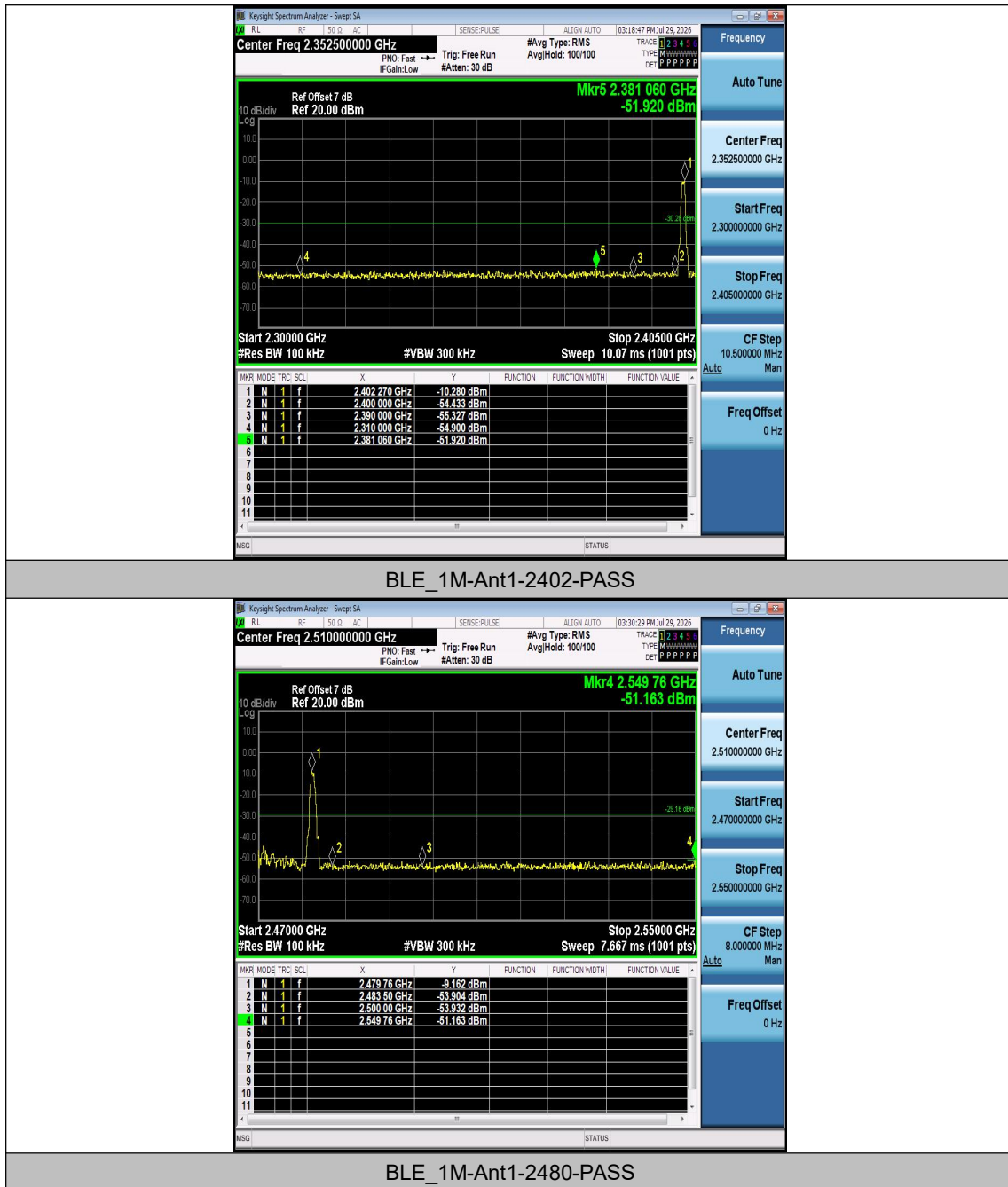
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Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-10.28	-51.92	≤-30.28	PASS
BLE_1M	Ant1	High	2480	-9.16	-51.16	≤-29.16	PASS

Test Graphs



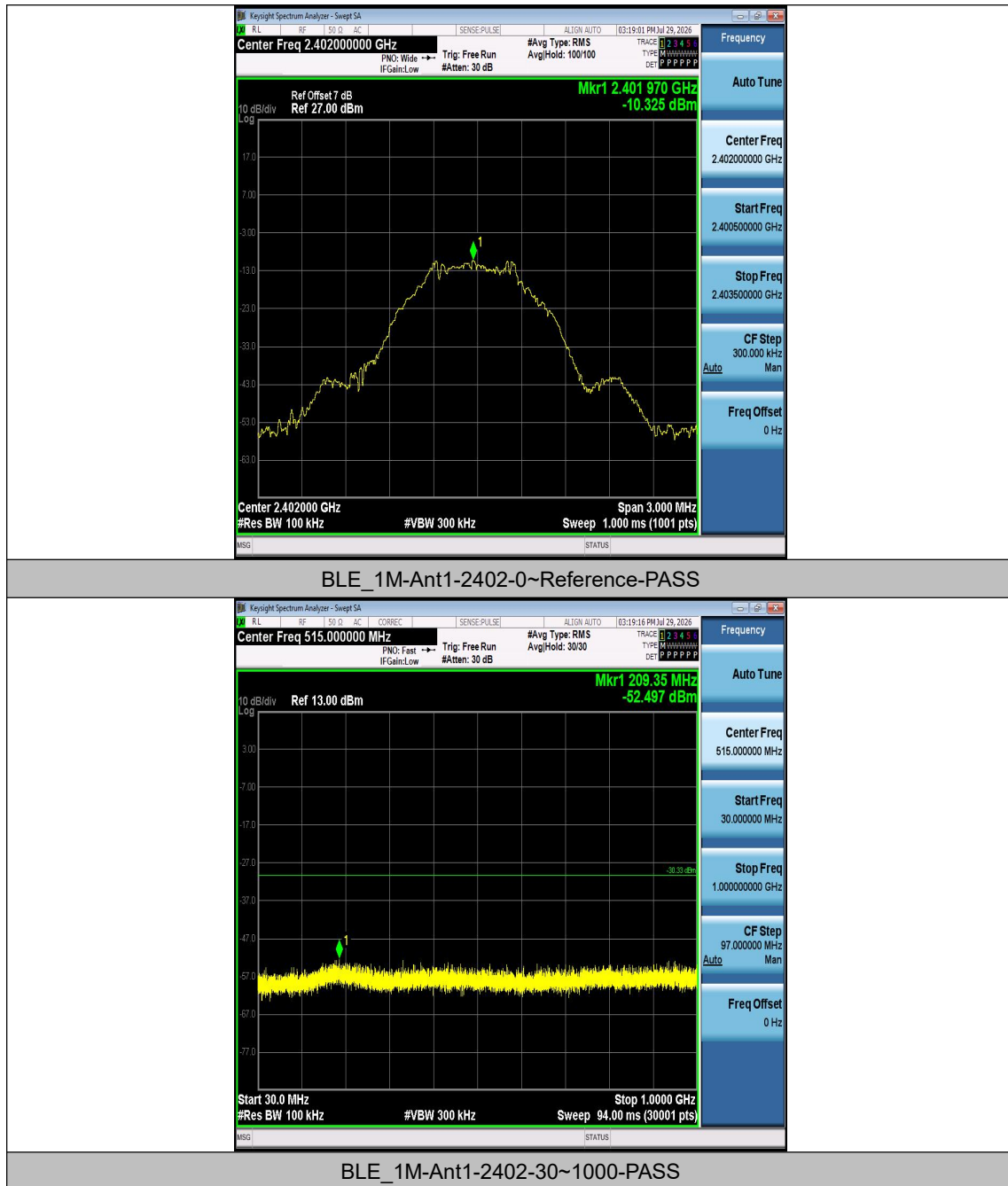
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-10.33	-10.33	---	PASS
BLE_1M	Ant1	2402	30~1000	-10.33	-52.5	≤-30.33	PASS
BLE_1M	Ant1	2402	1000~26500	-10.33	-36.72	≤-30.33	PASS
BLE_1M	Ant1	2440	0~Reference	-9.53	-9.53	---	PASS
BLE_1M	Ant1	2440	30~1000	-9.53	-52.92	≤-29.53	PASS
BLE_1M	Ant1	2440	1000~26500	-9.53	-37.09	≤-29.53	PASS
BLE_1M	Ant1	2480	0~Reference	-9.19	-9.19	---	PASS
BLE_1M	Ant1	2480	30~1000	-9.19	-52.8	≤-29.19	PASS
BLE_1M	Ant1	2480	1000~26500	-9.19	-37.35	≤-29.19	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.

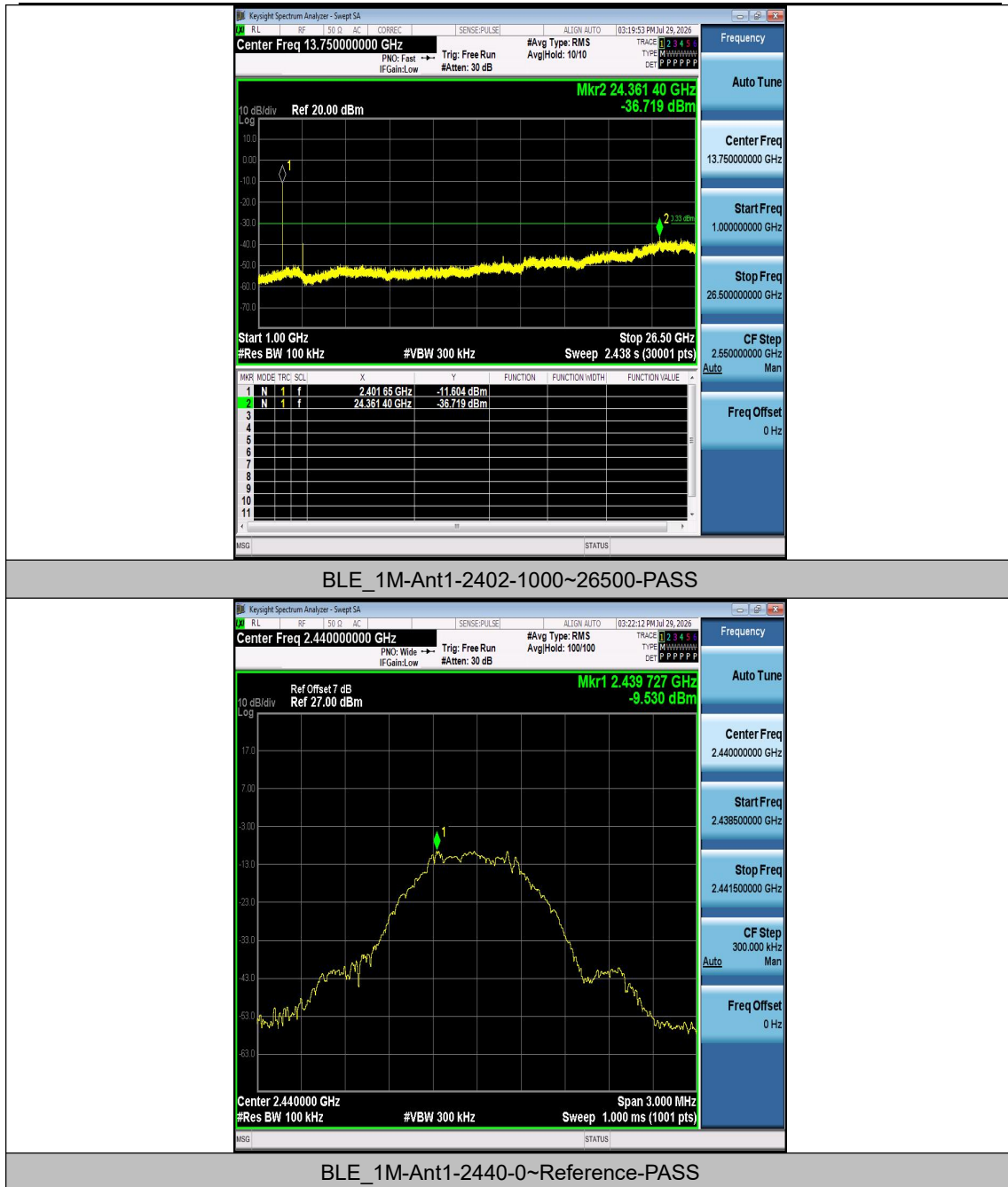
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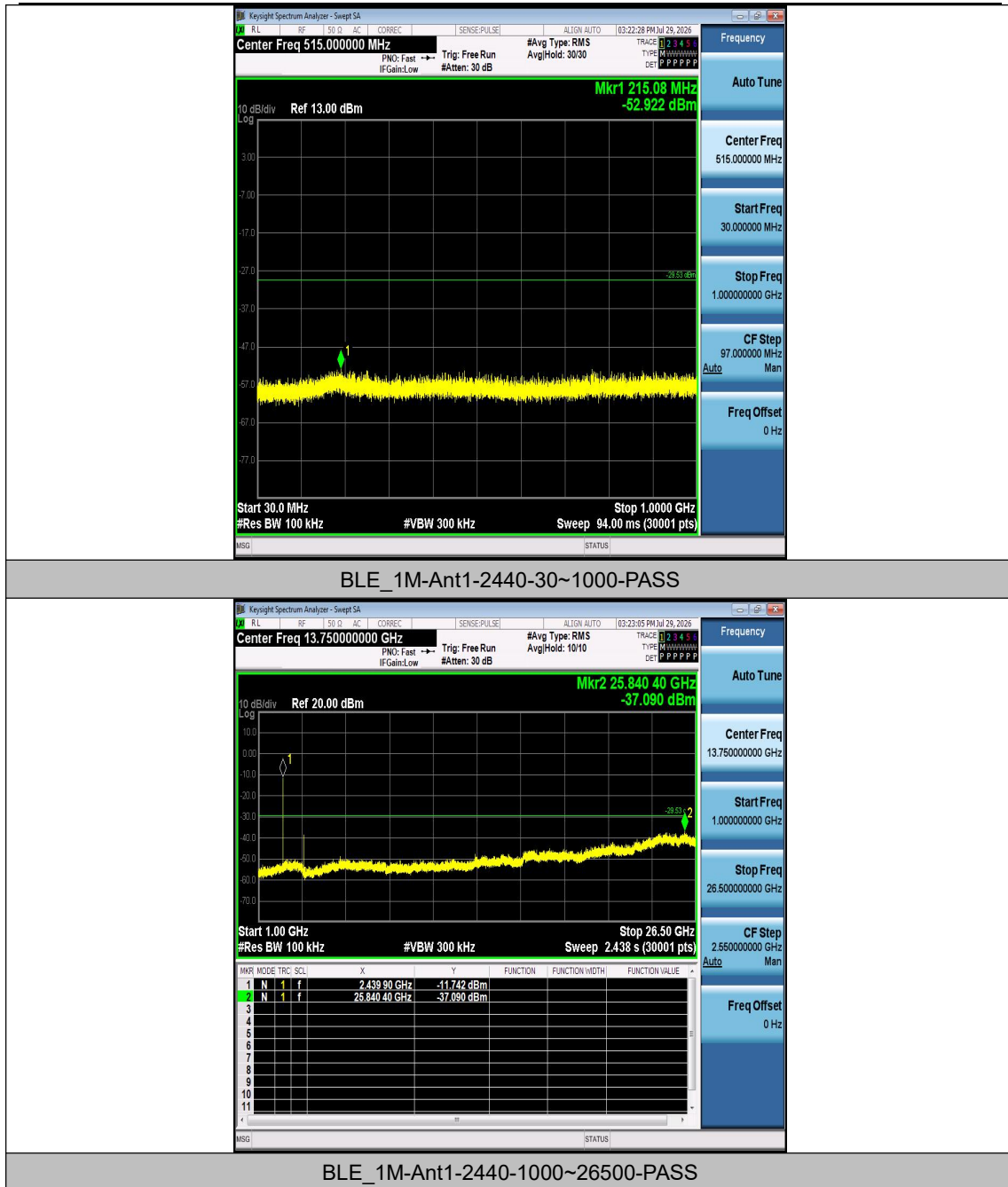
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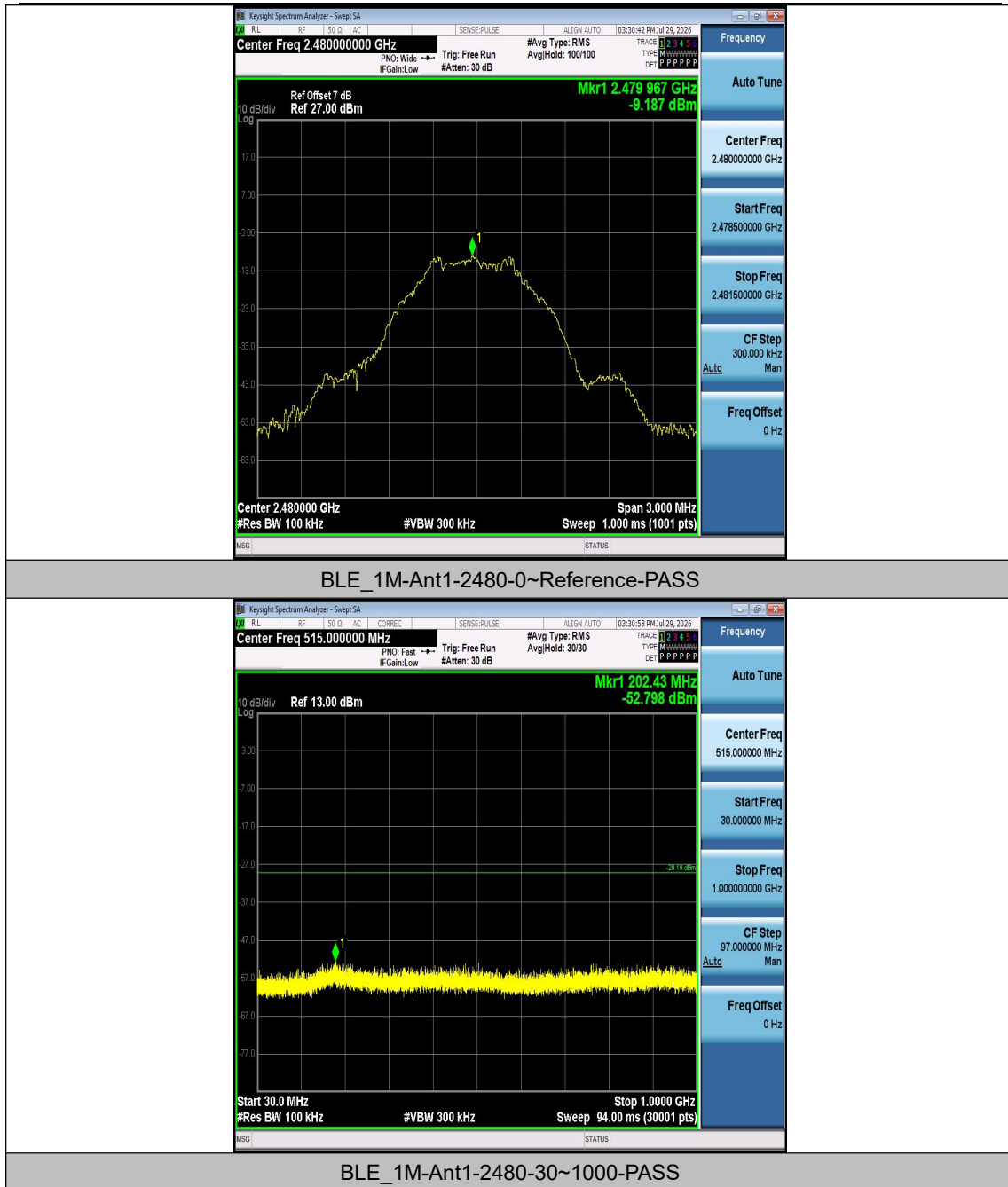
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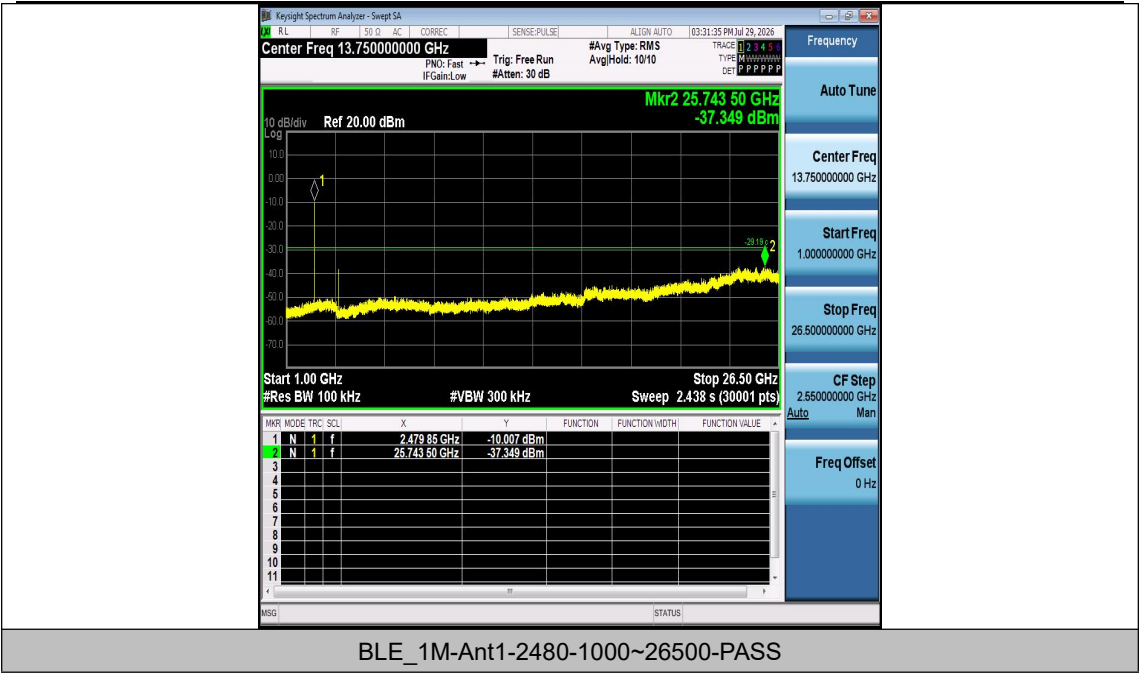
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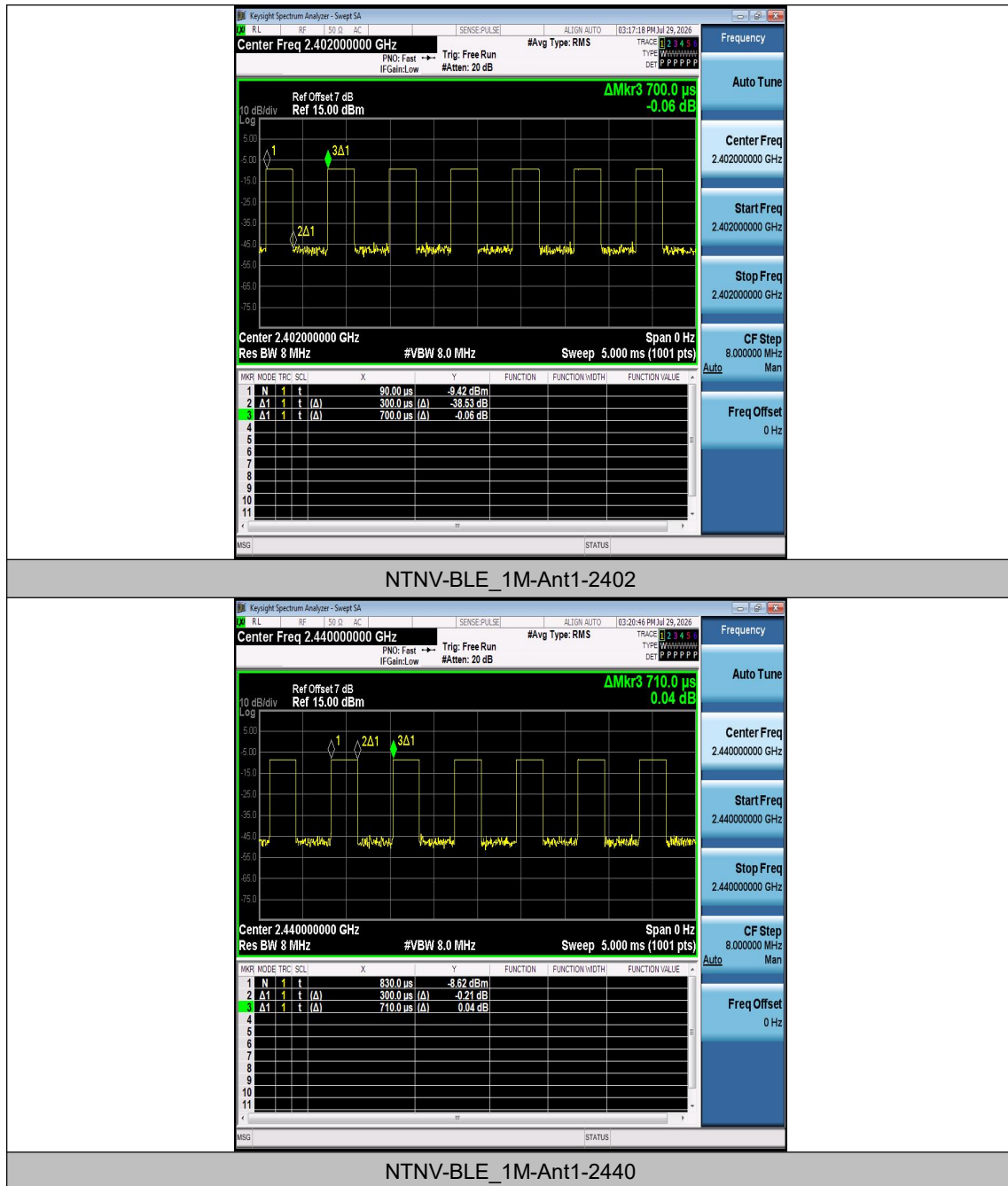
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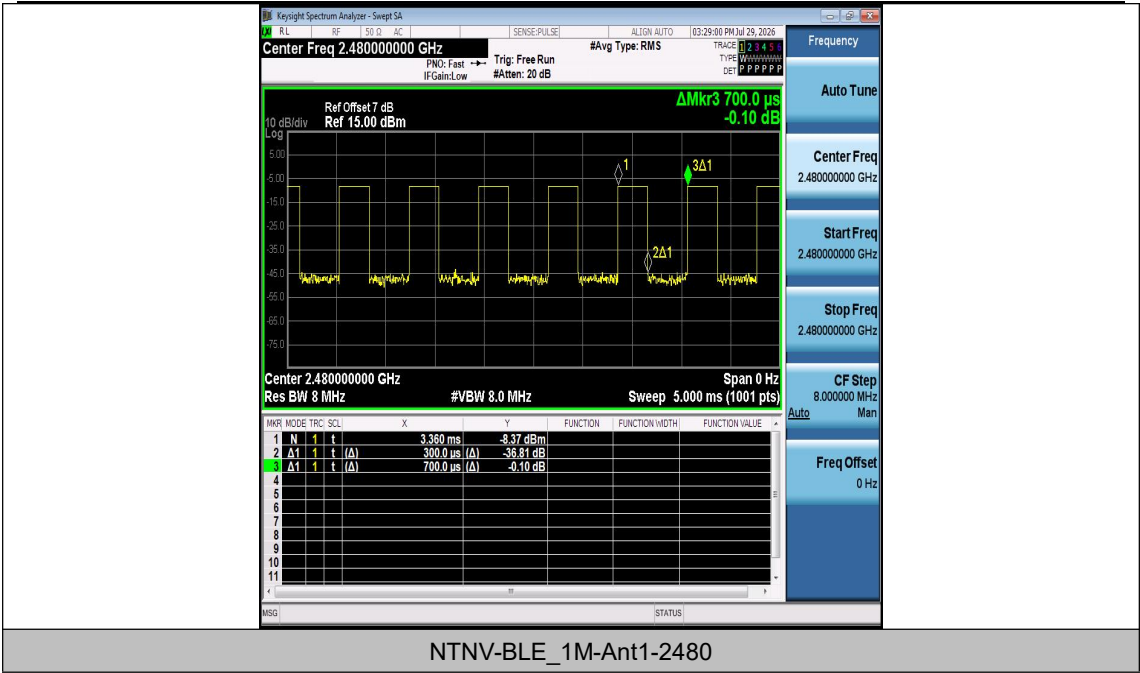
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.30	0.70	42.86	3.68
BLE_1M	Ant1	2440	0.30	0.71	42.25	3.74
BLE_1M	Ant1	2480	0.30	0.70	42.86	3.68

Test Graphs





NTNV-BLE_1M-Ant1-2480

---End---