

Appendix Test Data

Report No.:	1812C60548312502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-22	Finish Test Date:	2026-9-23
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25°C	Relative Humidity:	60%
Pressure:	100.7kPa		

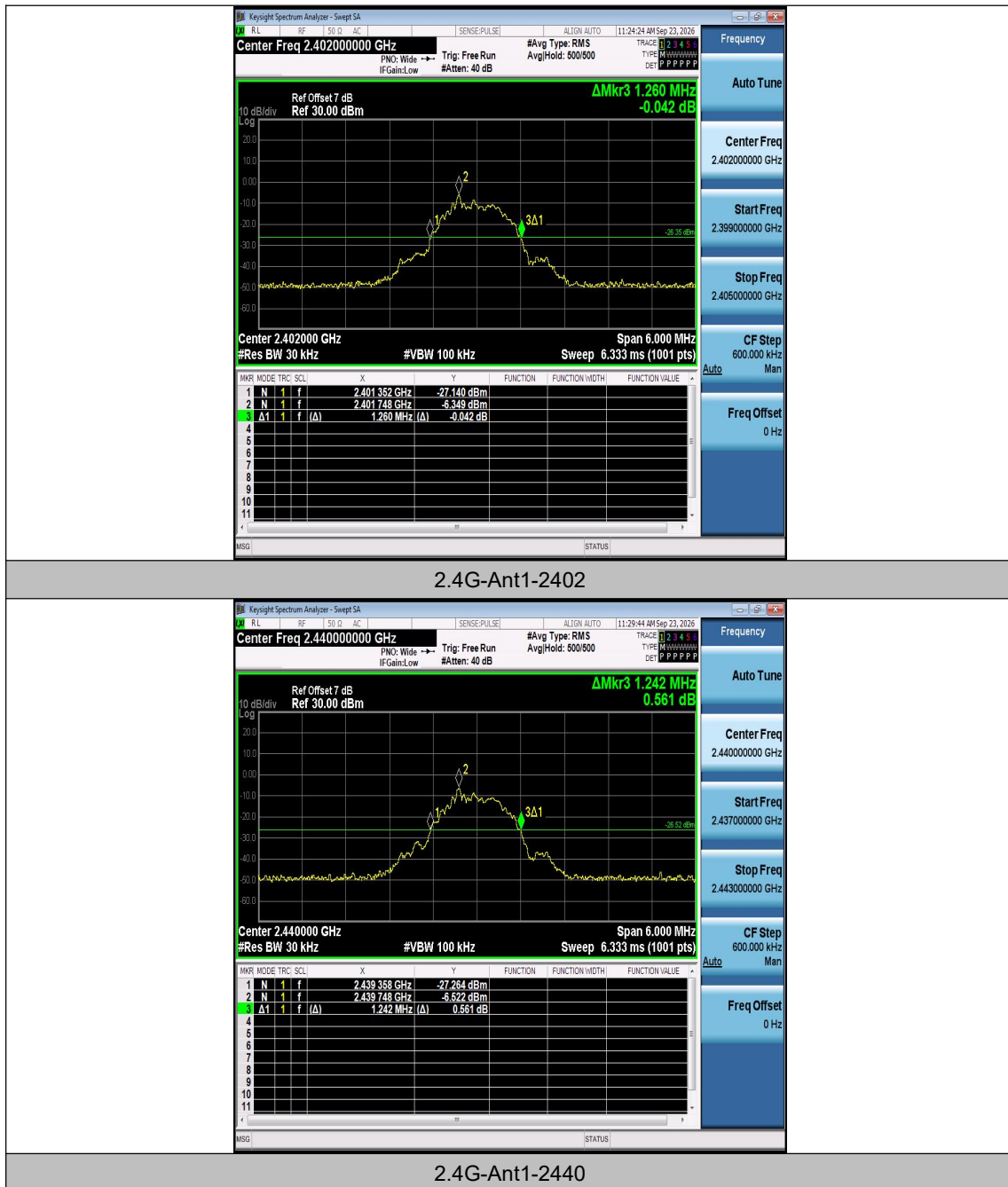


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.260	2401.352	2402.612	---	---
2.4G	Ant1	2440	1.242	2439.358	2440.600	---	---
2.4G	Ant1	2480	1.236	2479.364	2480.600	---	---

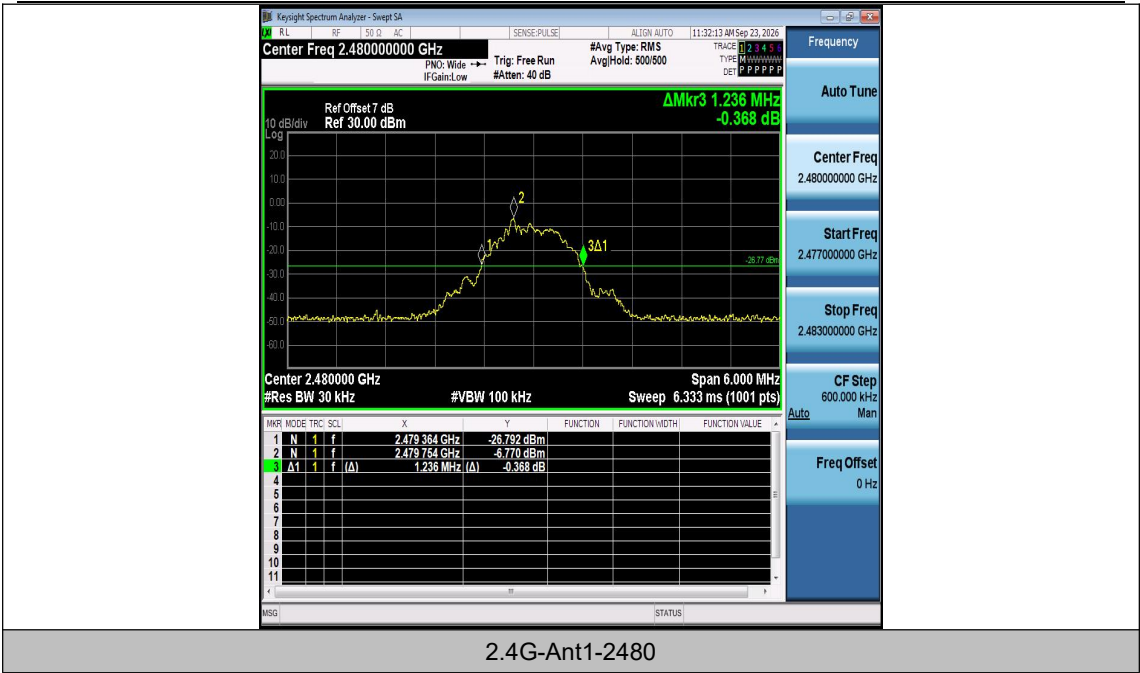
Test Graphs



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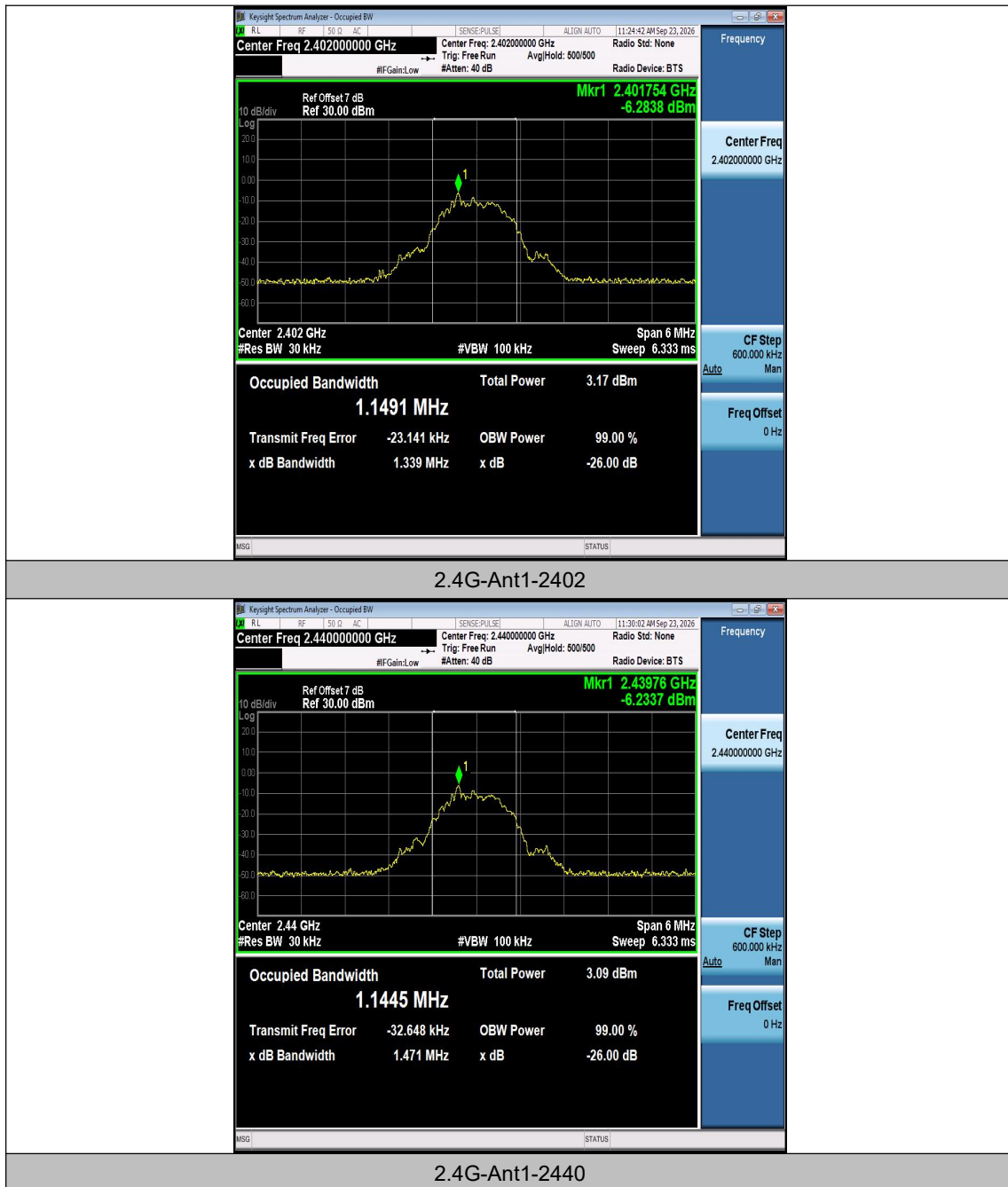
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	1.1491	2401.4023	2402.5514	---	---
2.4G	Ant1	2440	1.1445	2439.3951	2440.5396	---	---
2.4G	Ant1	2480	1.1571	2479.3868	2480.5439	---	---

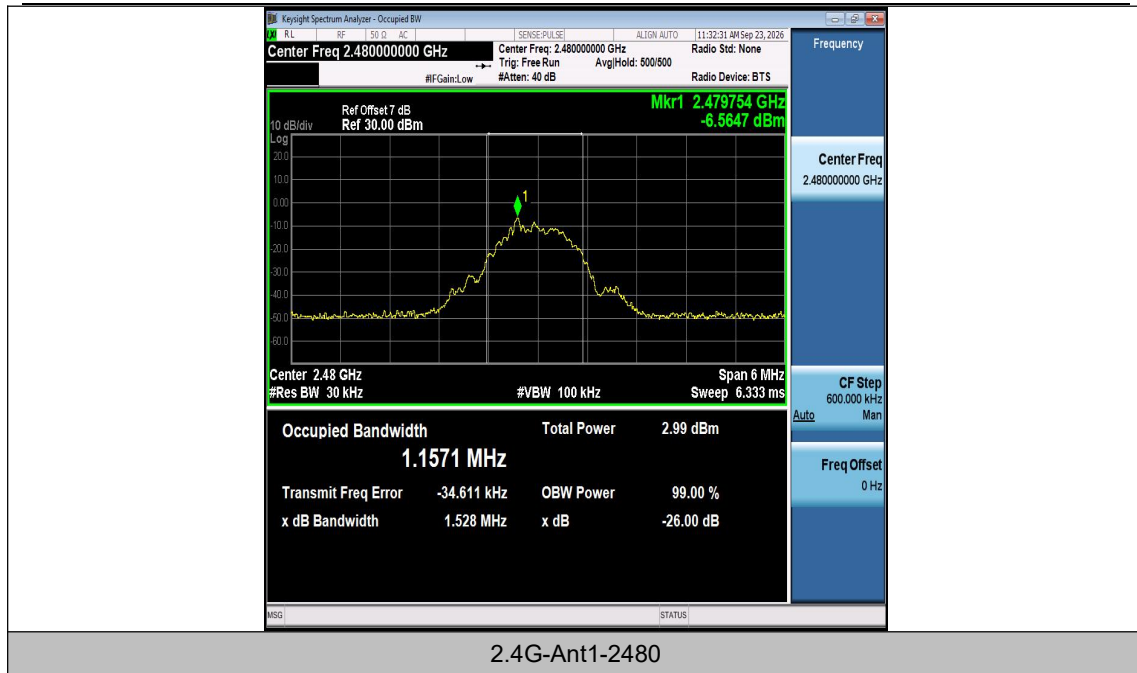
Test Graphs



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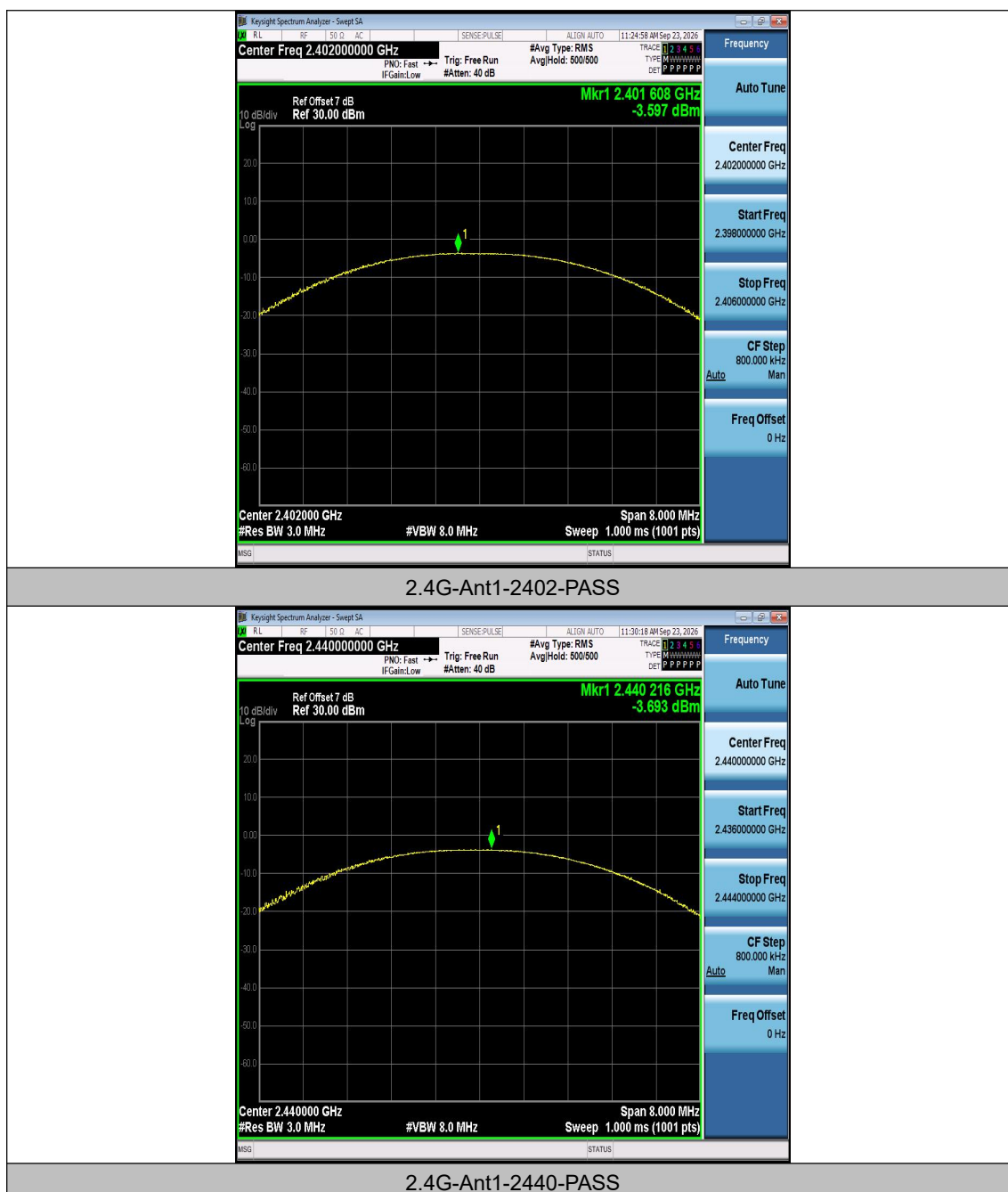
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	-3.60	≤20.97	PASS
2.4G	Ant1	2440	-3.69	≤20.97	PASS
2.4G	Ant1	2480	-3.75	≤20.97	PASS

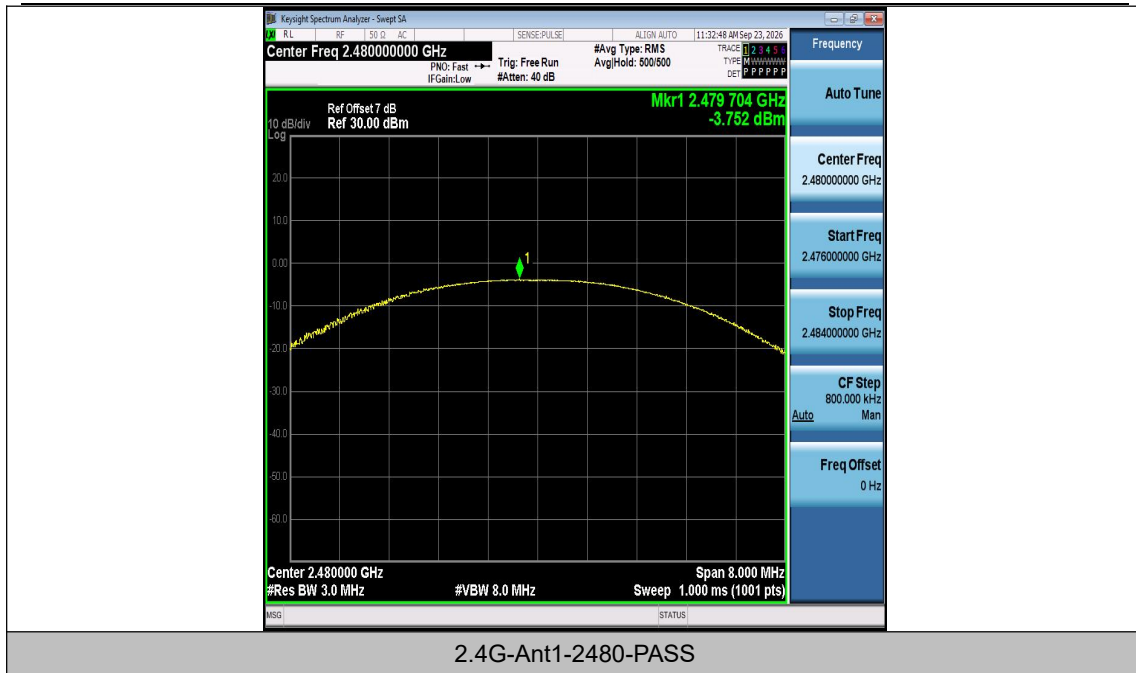
Test Graphs



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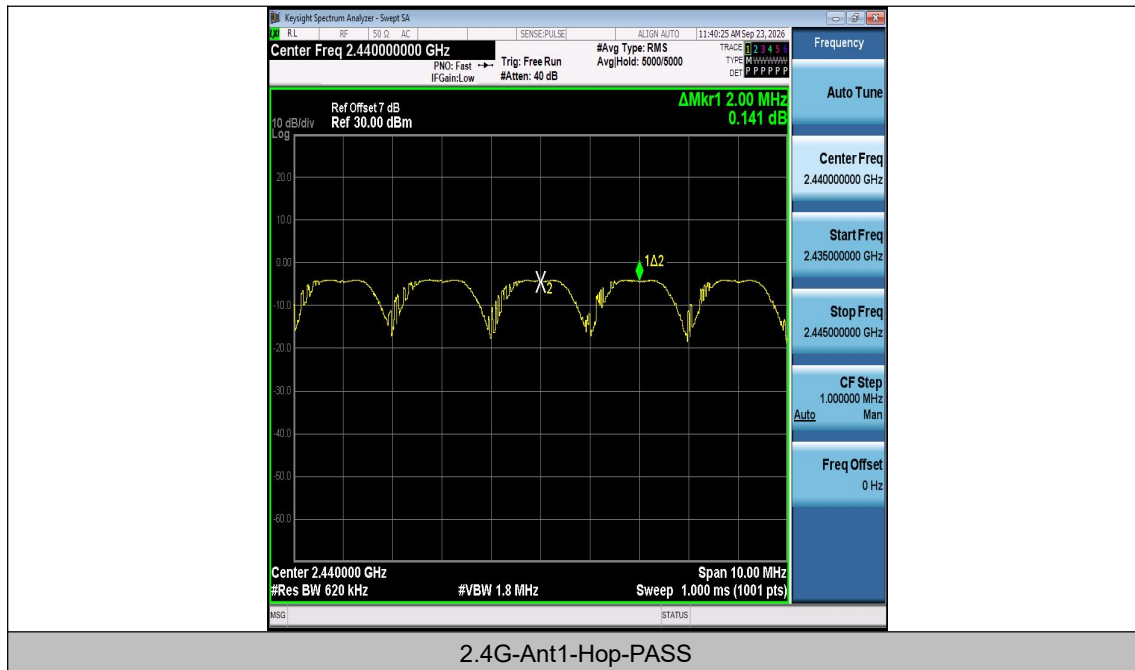
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.000	≥0.840	PASS

Note: For conducted power less than 0.125 W(20.97 dBm), the limit can be set using hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

Test Graphs



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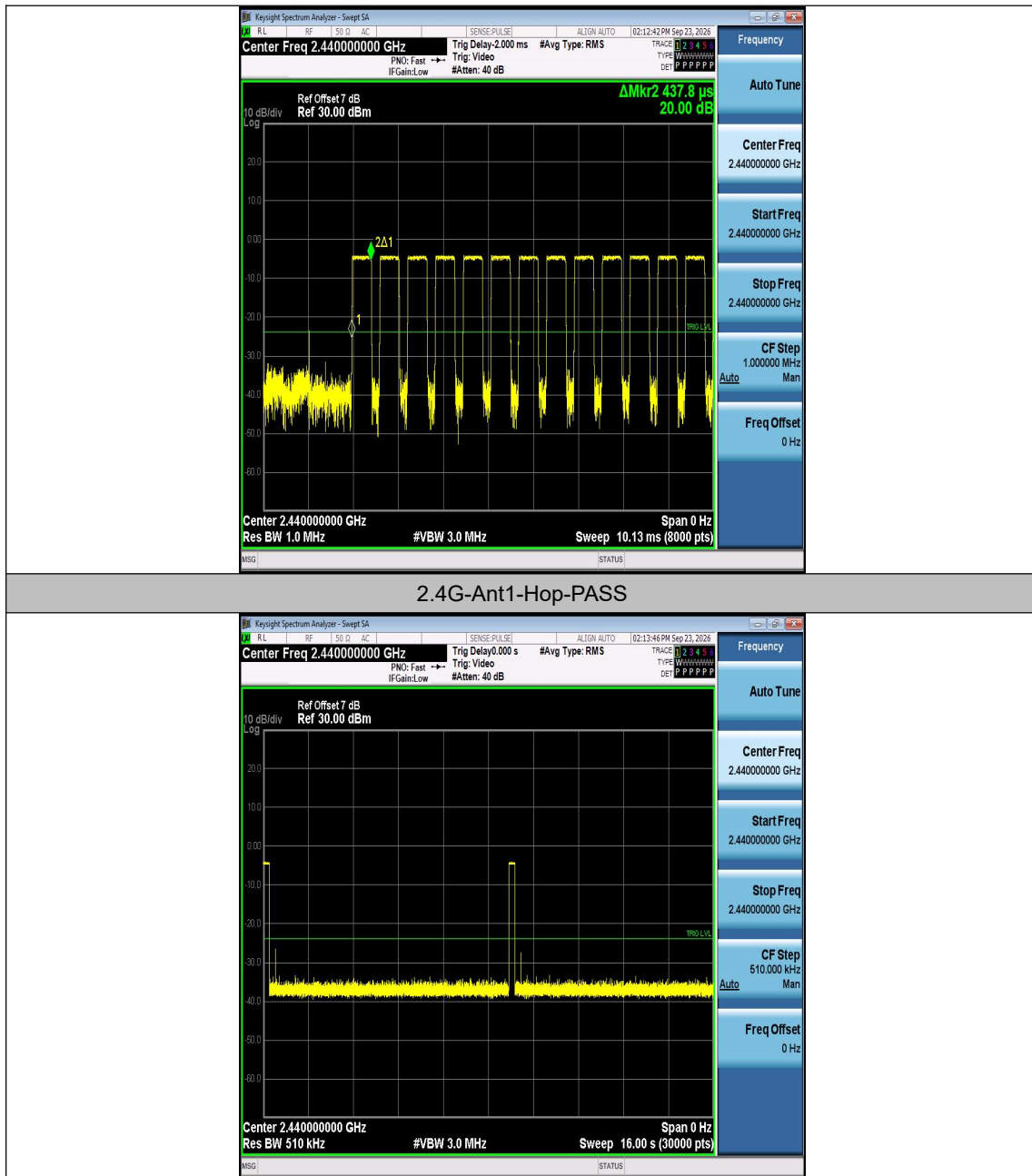
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.437	2	0.00087	≤0.4	PASS

Test Graphs



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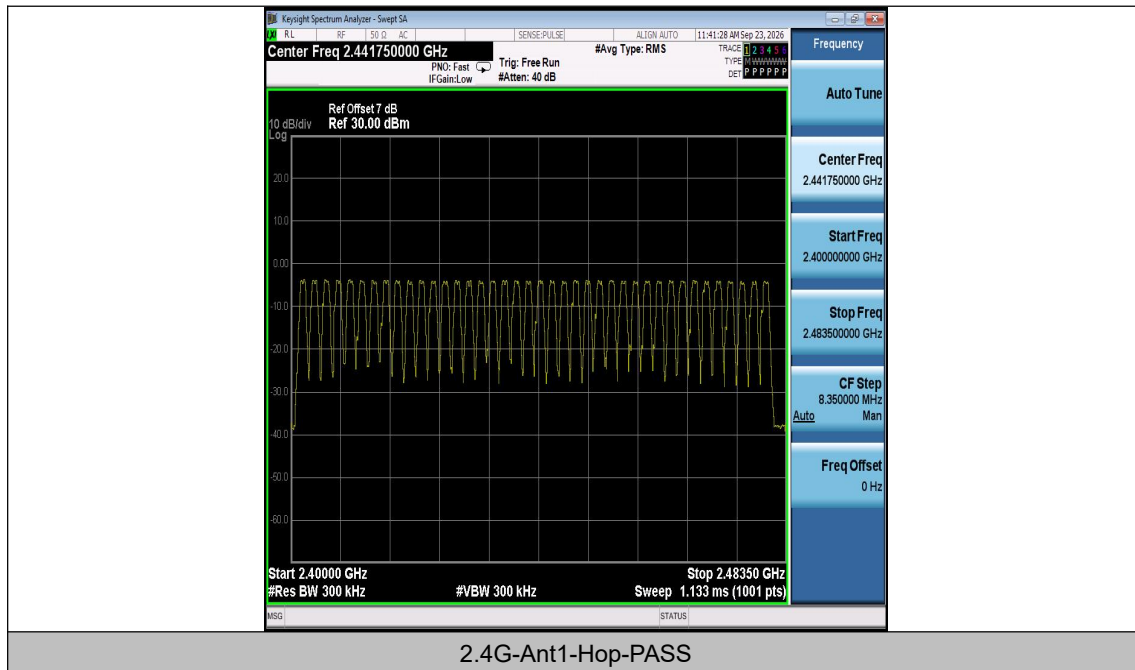
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	40	≥15	PASS

Test Graphs



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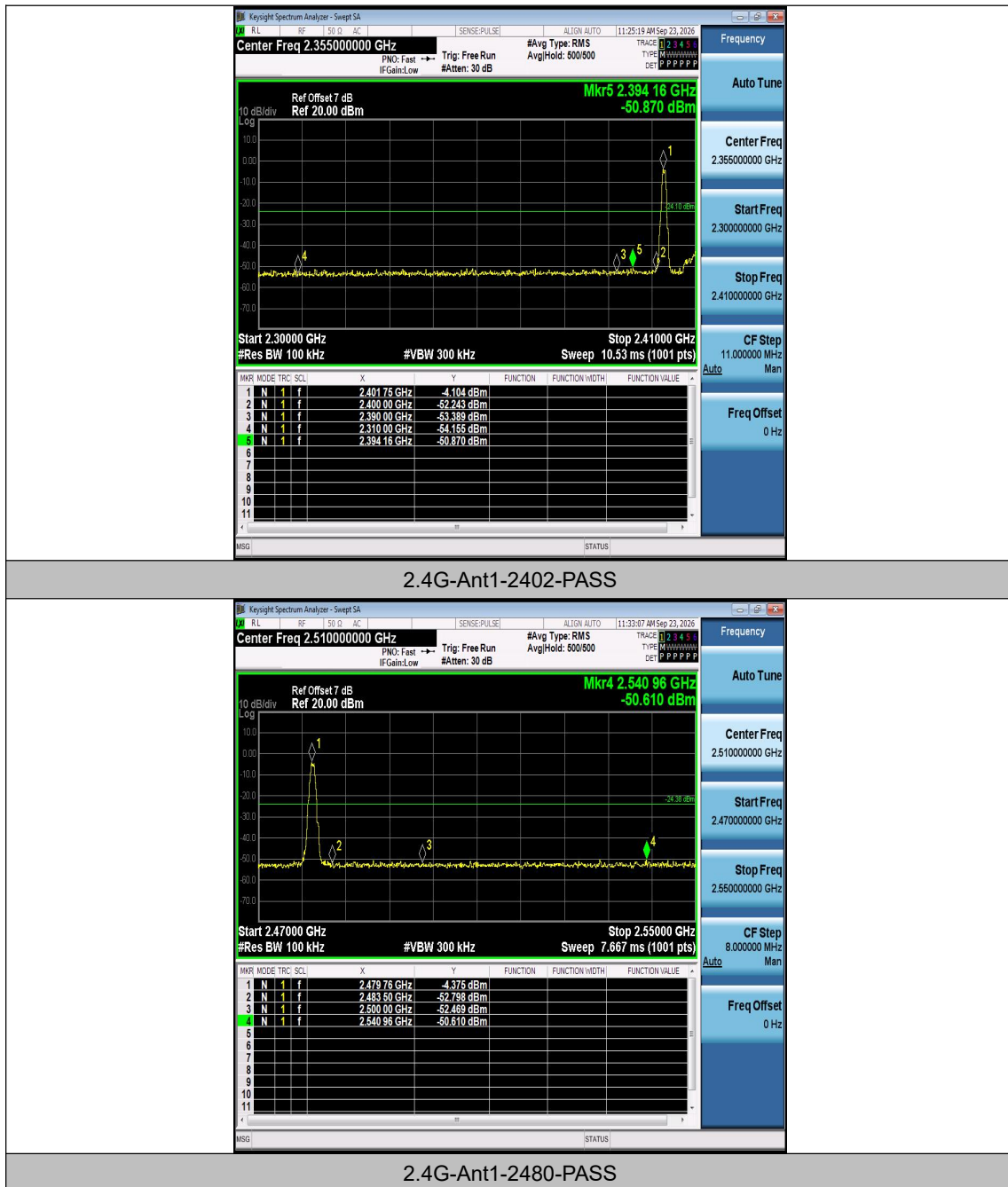
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Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-4.10	-50.87	≤ -24.1	PASS
2.4G	Ant1	High	2480	-4.38	-50.61	≤ -24.38	PASS
2.4G	Ant1	Low	Hop	-4.43	-50.99	≤ -24.43	PASS
2.4G	Ant1	High	Hop	-4.27	-50.21	≤ -24.27	PASS

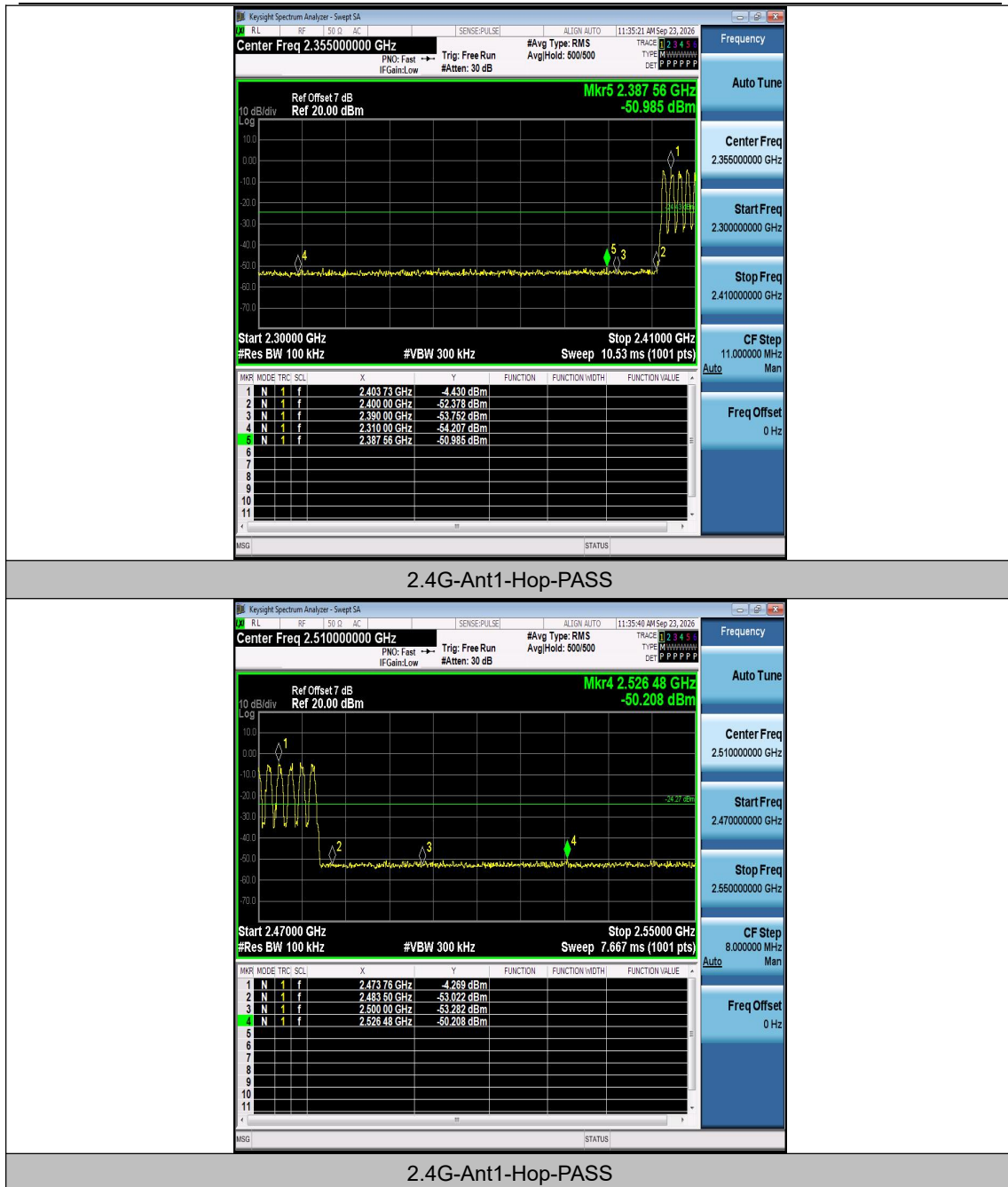
Test Graphs



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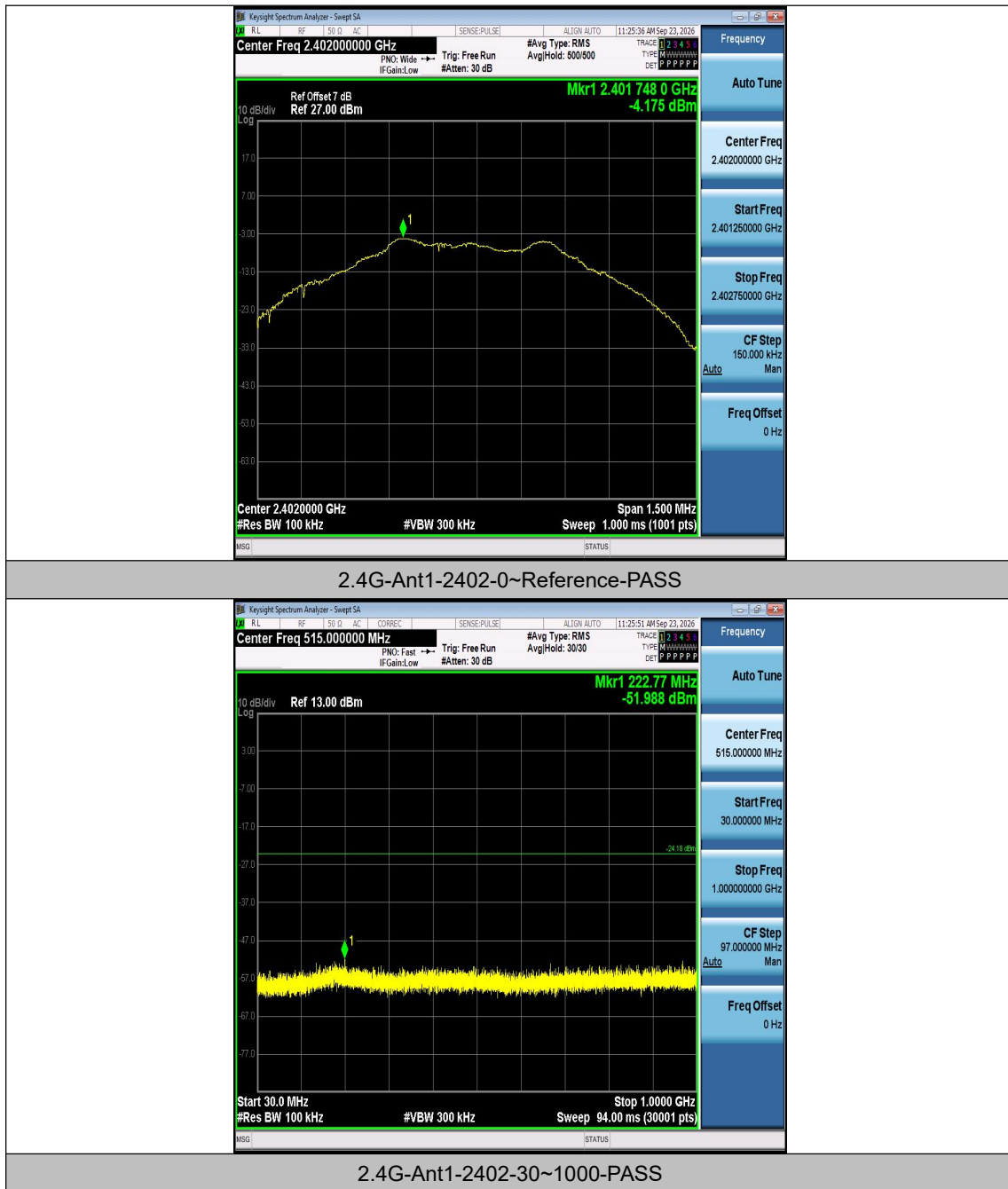
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-4.18	-4.18	---	PASS
2.4G	Ant1	2402	30~1000	-4.18	-51.99	≤-24.18	PASS
2.4G	Ant1	2402	1000~26500	-4.18	-36.51	≤-24.18	PASS
2.4G	Ant1	2440	0~Reference	-4.28	-4.28	---	PASS
2.4G	Ant1	2440	30~1000	-4.28	-50.32	≤-24.28	PASS
2.4G	Ant1	2440	1000~26500	-4.28	-36.16	≤-24.28	PASS
2.4G	Ant1	2480	0~Reference	-4.40	-4.40	---	PASS
2.4G	Ant1	2480	30~1000	-4.40	-52.29	≤-24.4	PASS
2.4G	Ant1	2480	1000~26500	-4.40	-36.92	≤-24.4	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.

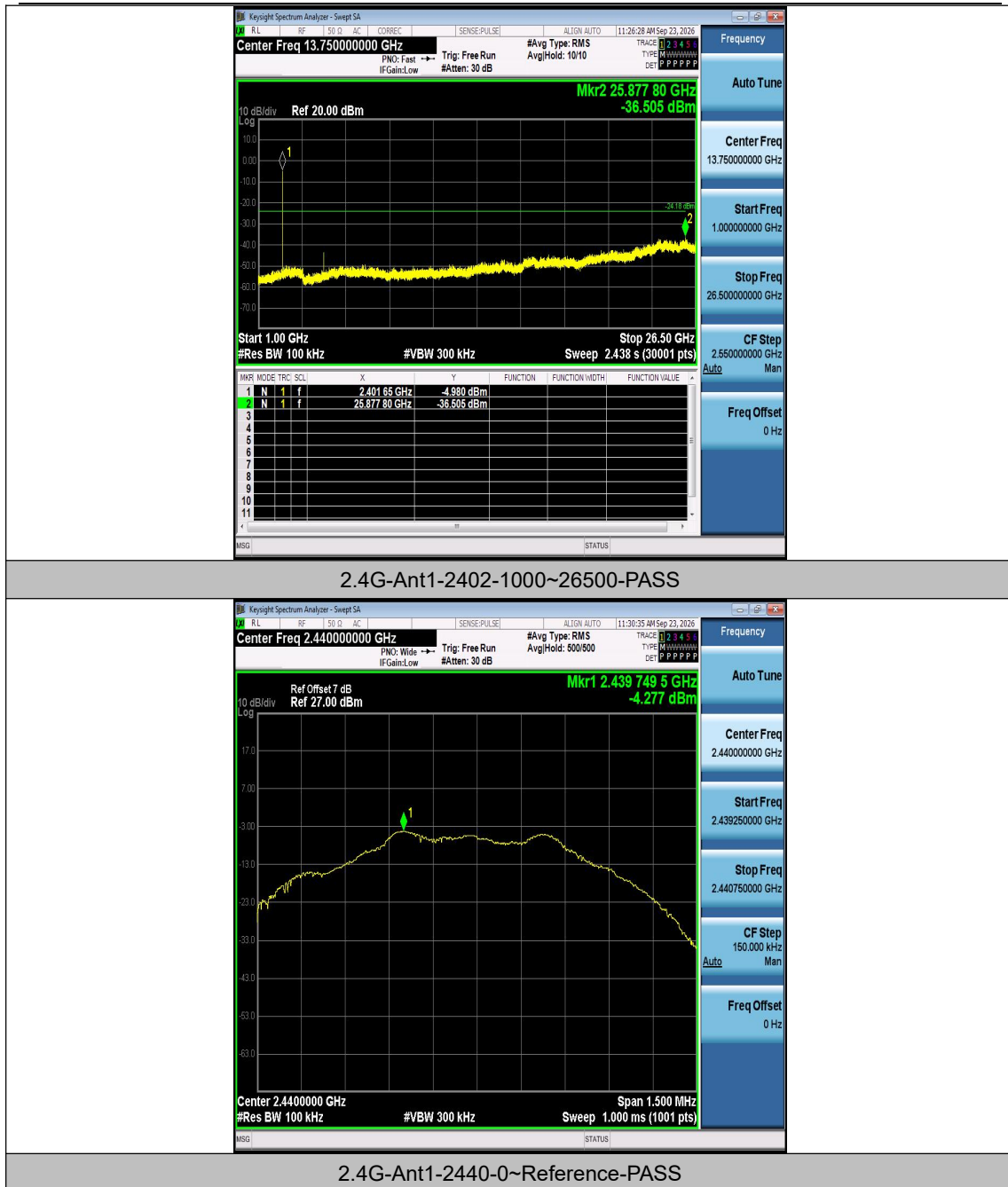
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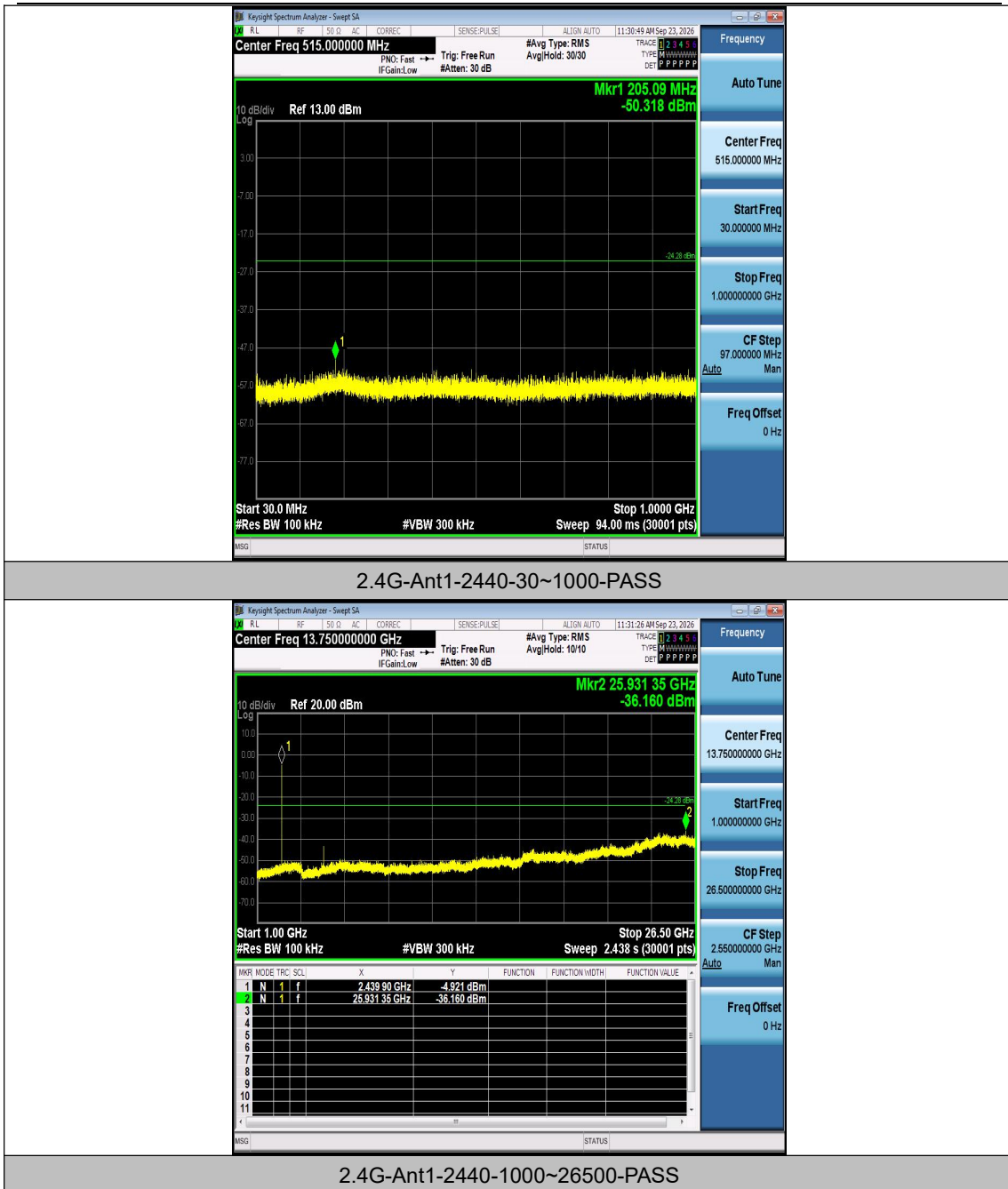
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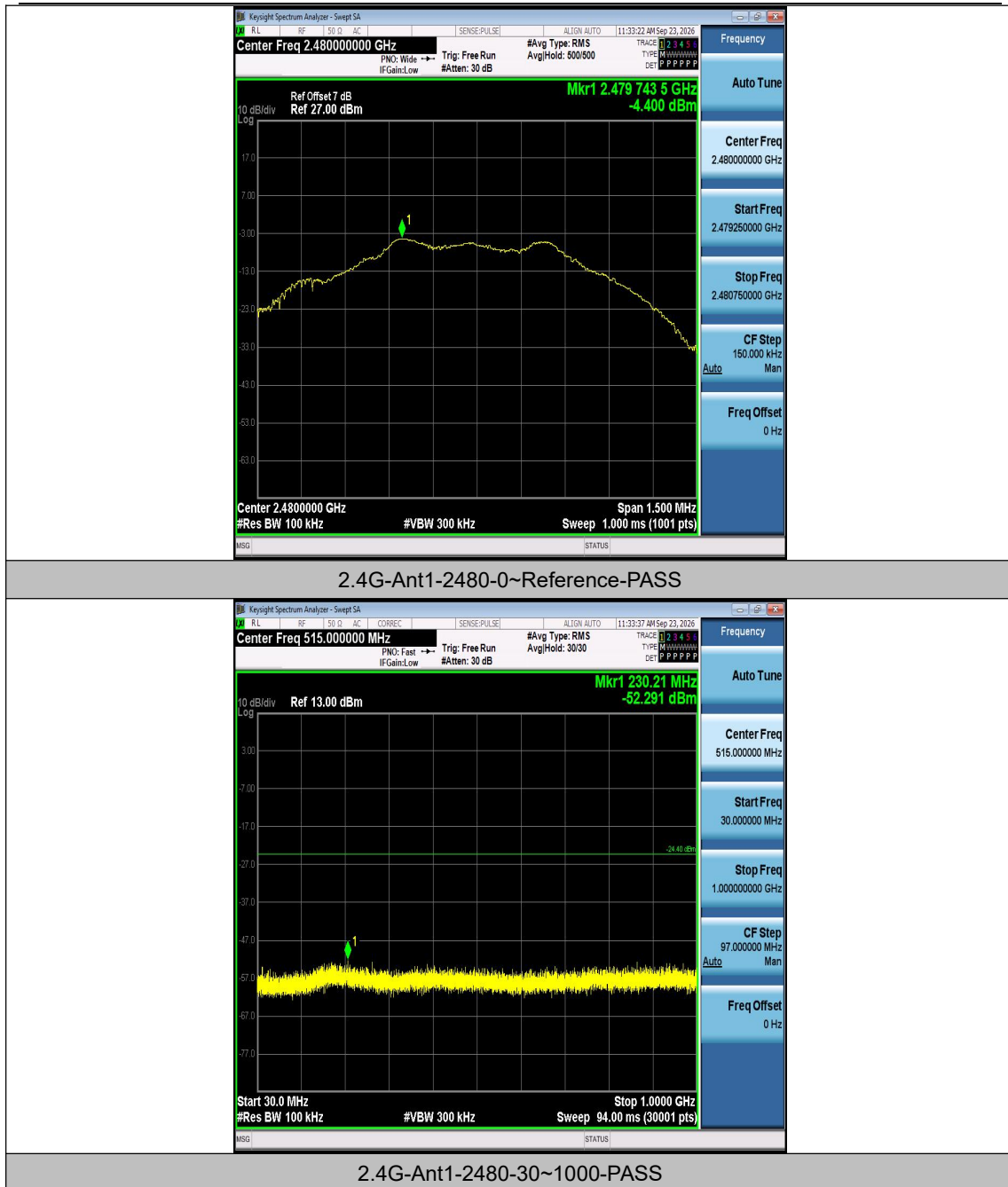
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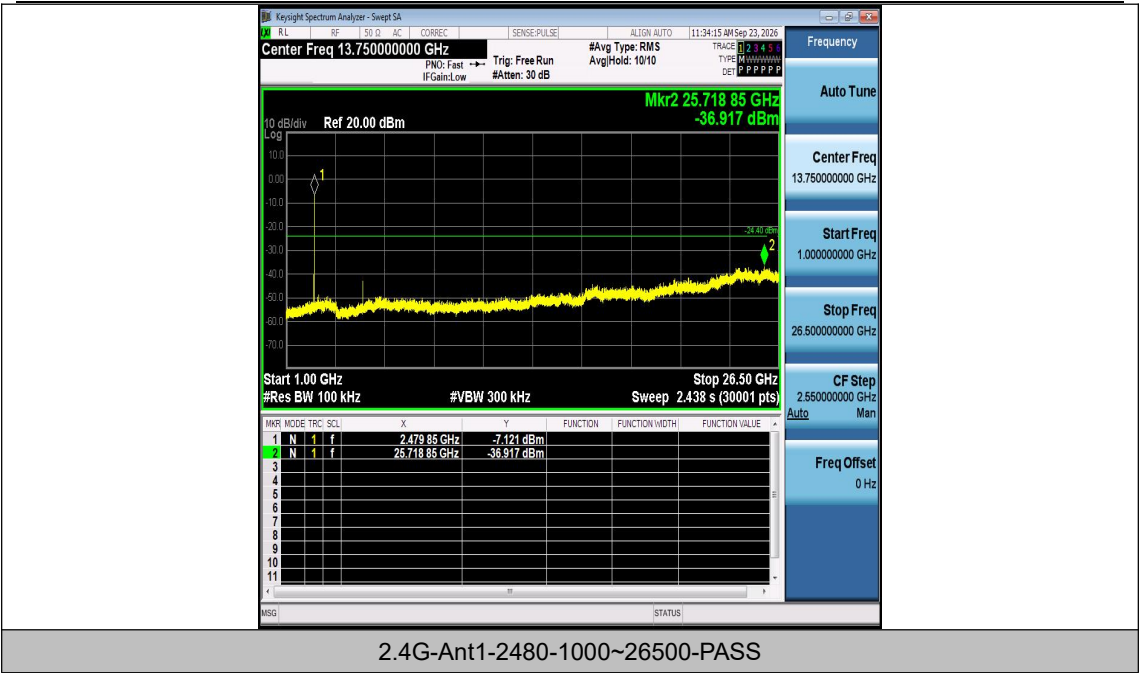
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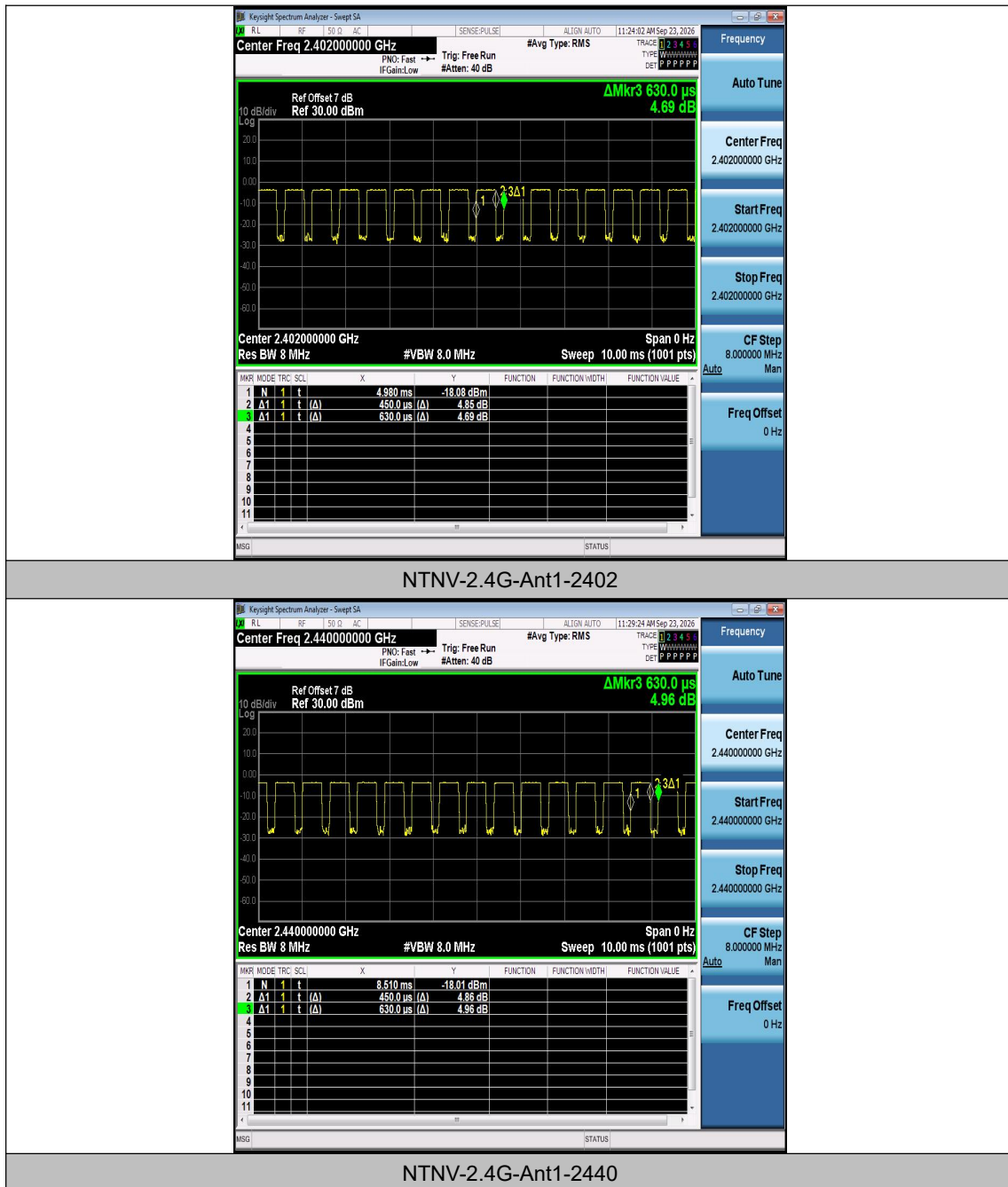
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	0.45	0.63	71.43	1.46
2.4G	Ant1	2440	0.45	0.63	71.43	1.46
2.4G	Ant1	2480	0.45	0.63	71.43	1.46

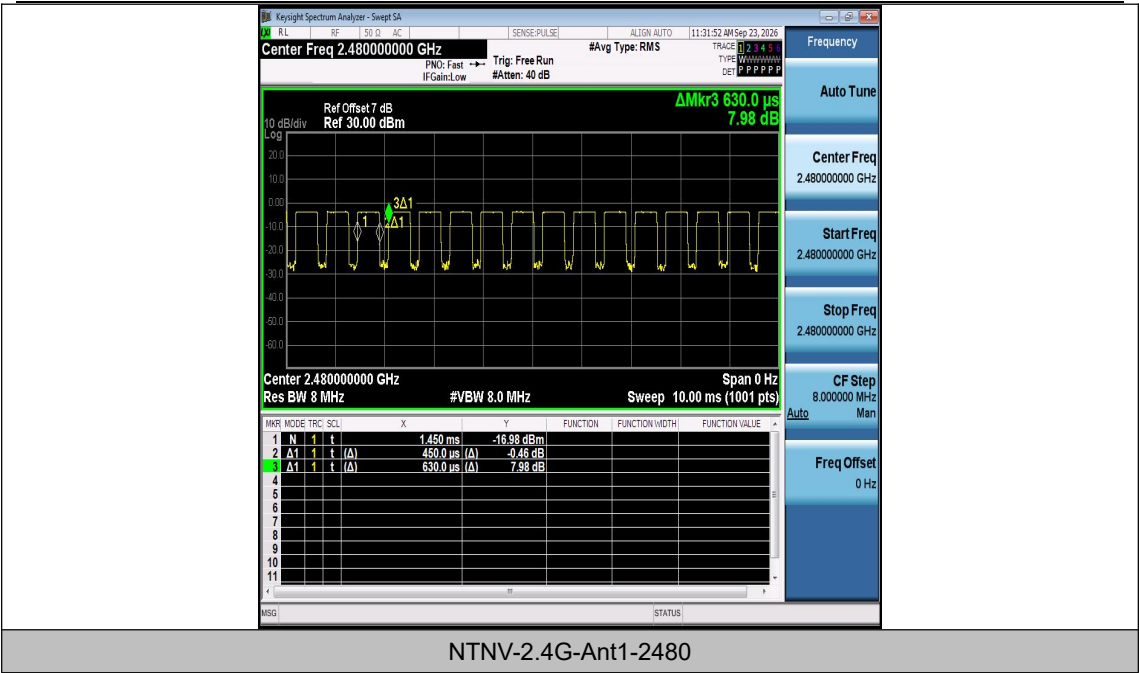
Test Graphs



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