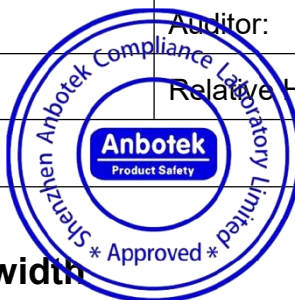


Appendix Test Data

Report No.:	1812C50542612502-01	Test Sample No.:	1-2-2
Start Test Date:	2025-10-21	Finish Test Date:	2025-10-21
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	22°C	Relative Humidity:	53%
Pressure:	101kPa		

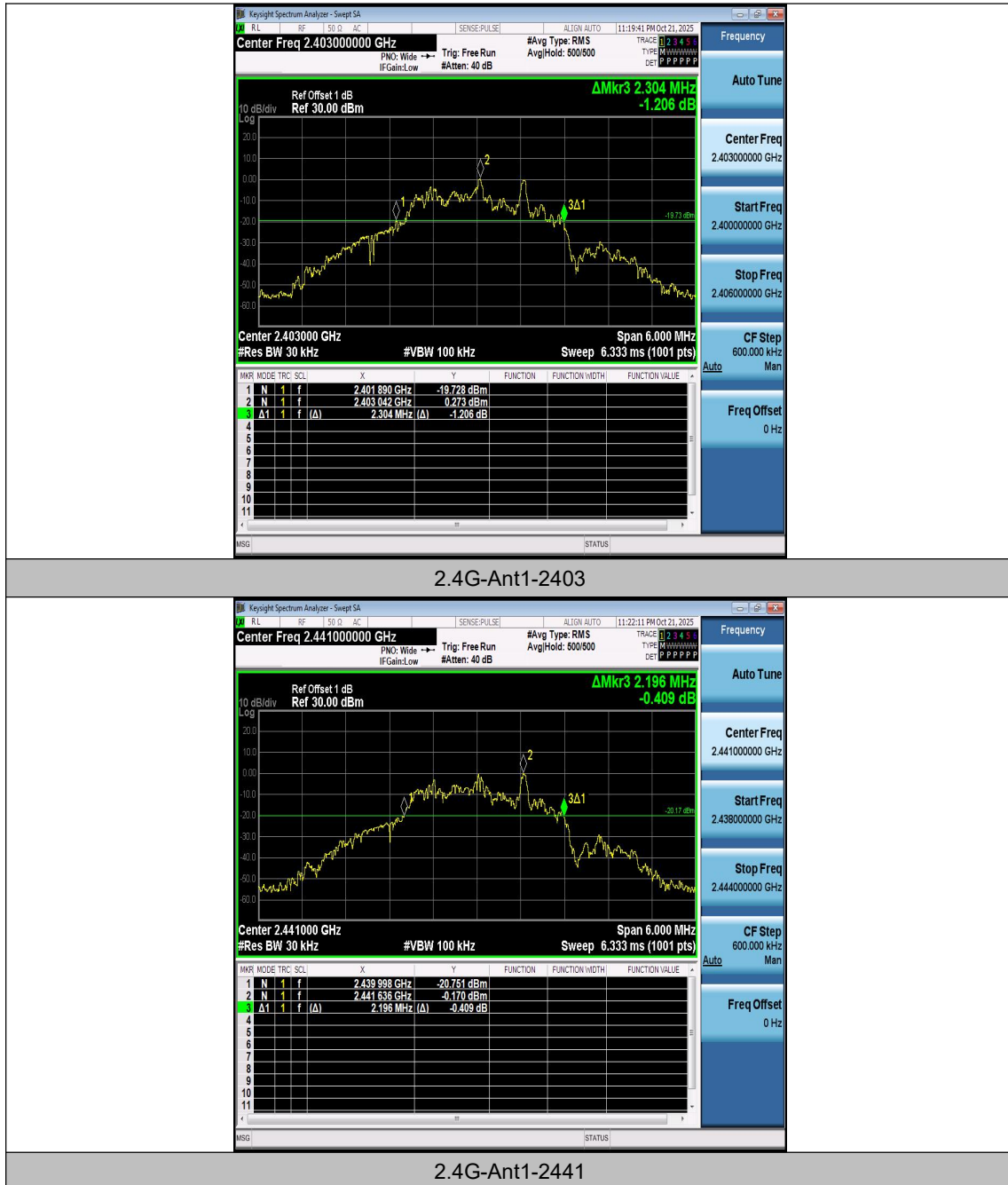


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2403	2.304	2401.890	2404.194	---	---
2.4G	Ant1	2441	2.196	2439.998	2442.194	---	---
2.4G	Ant1	2480	2.148	2479.022	2481.170	---	---

Test Graphs



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2.4G-Ant1-2480

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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	2403	2.1956	2401.9063	2404.1019	---	---
2.4G	Ant1	2441	2.2117	2439.9075	2442.1192	---	---
2.4G	Ant1	2480	2.1897	2478.9117	2481.1014	---	---

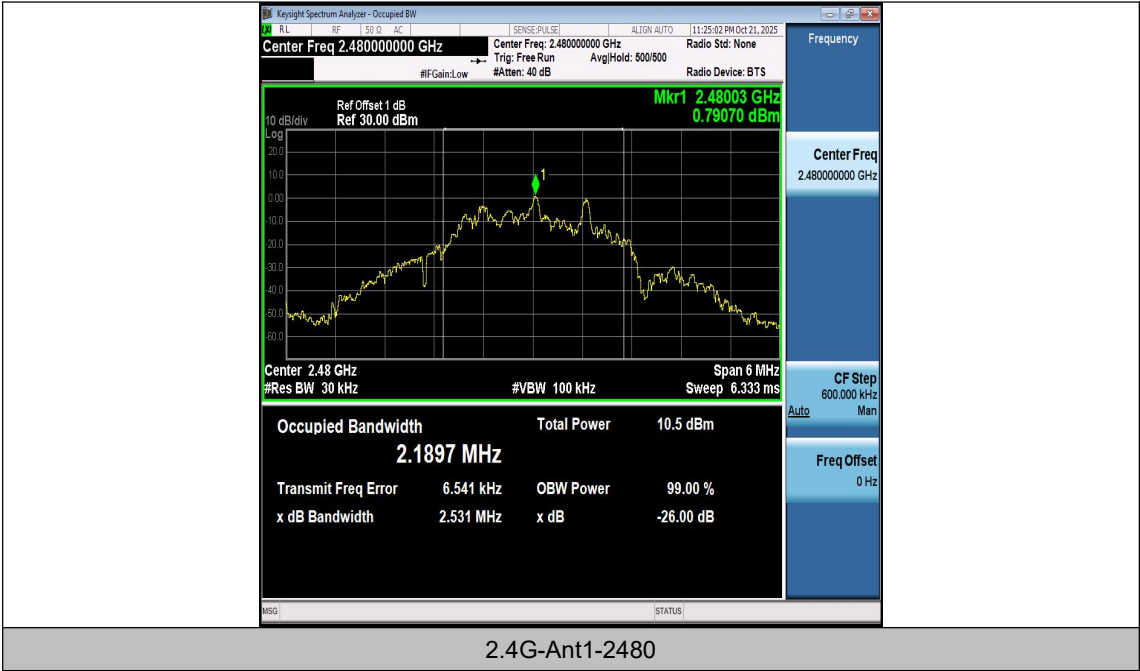
Test Graphs



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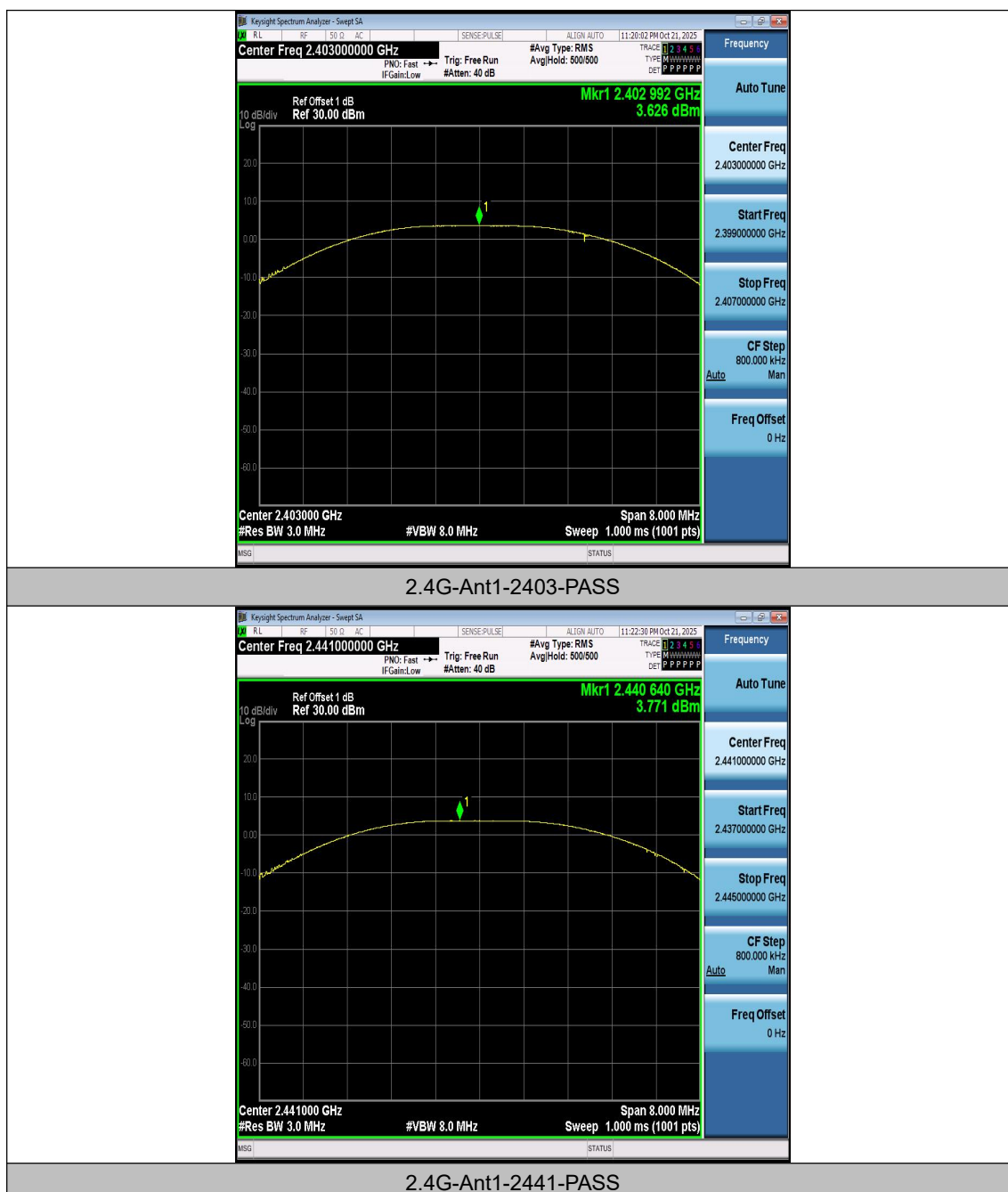


Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2403	3.63	≤30	PASS
2.4G	Ant1	2441	3.77	≤30	PASS
2.4G	Ant1	2480	3.98	≤30	PASS

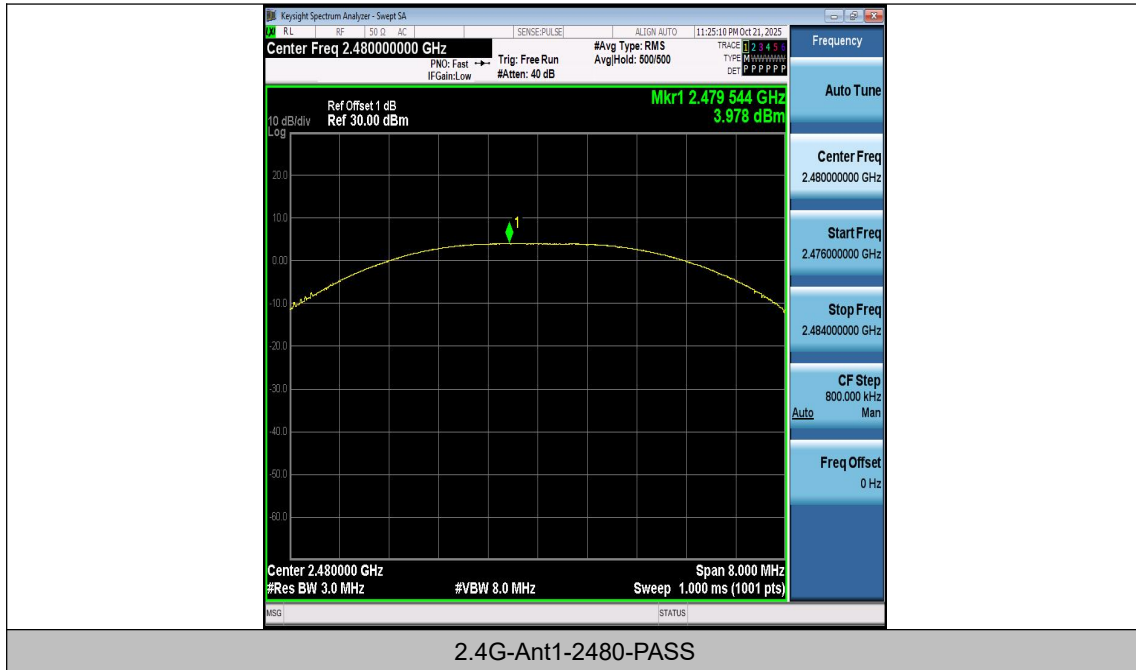
Test Graphs



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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	2.06	>1.536	PASS

Test Graphs



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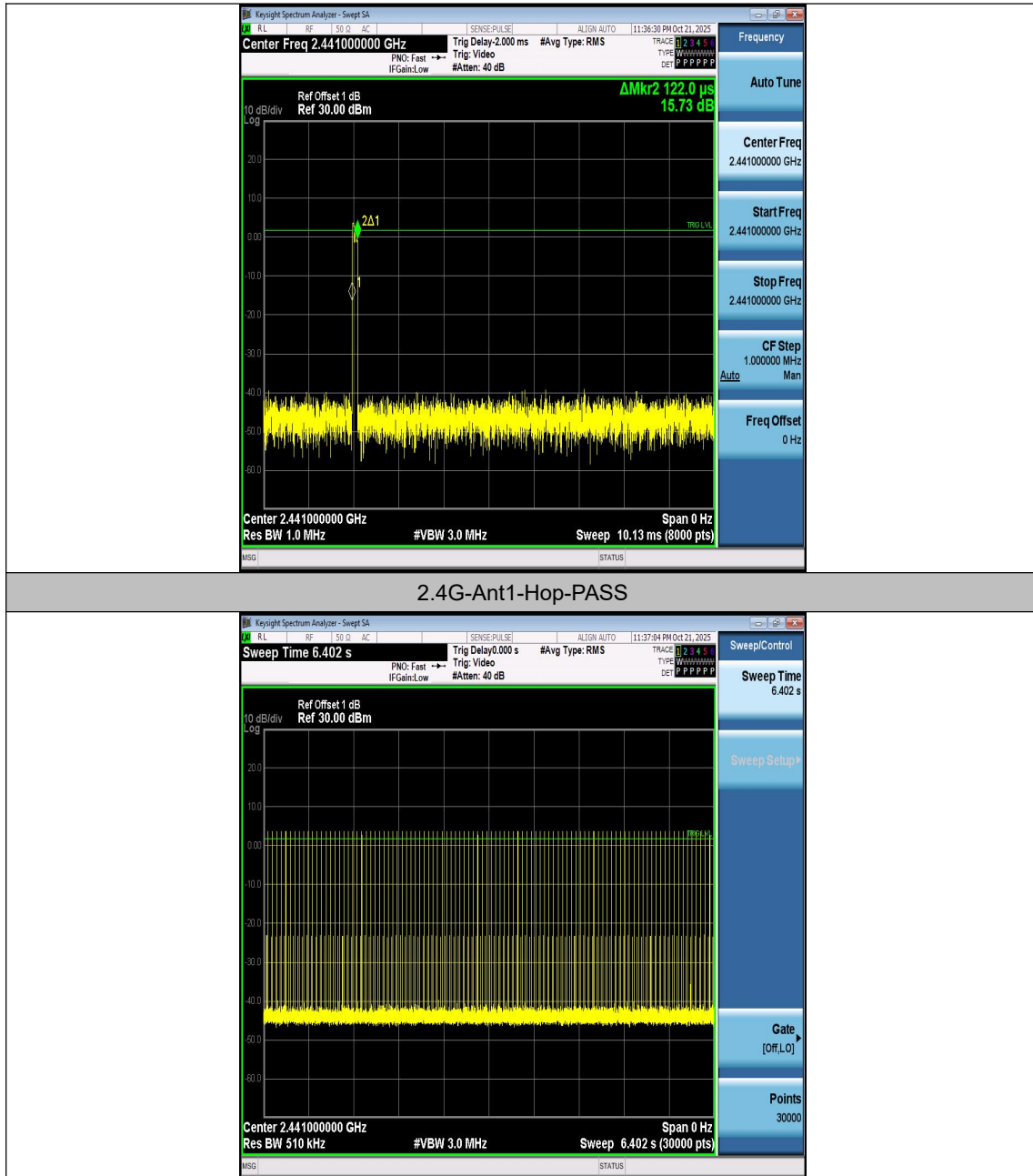
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Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.122	101	0.012	≤0.4	PASS

Test Graphs



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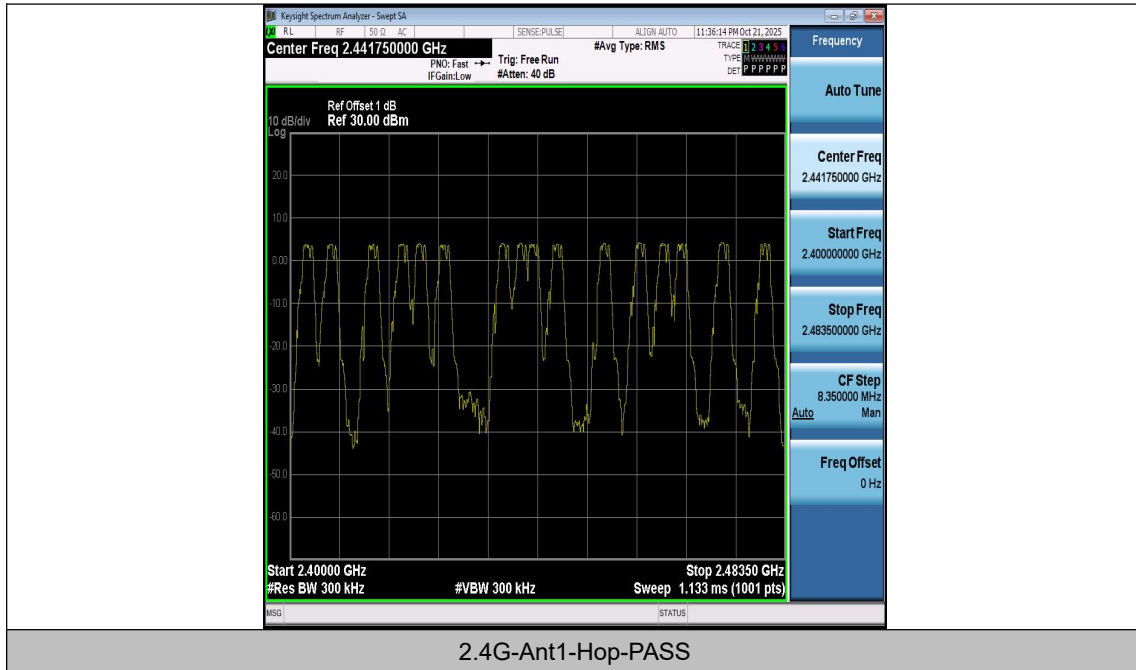
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	16	≥15	PASS

Test Graphs



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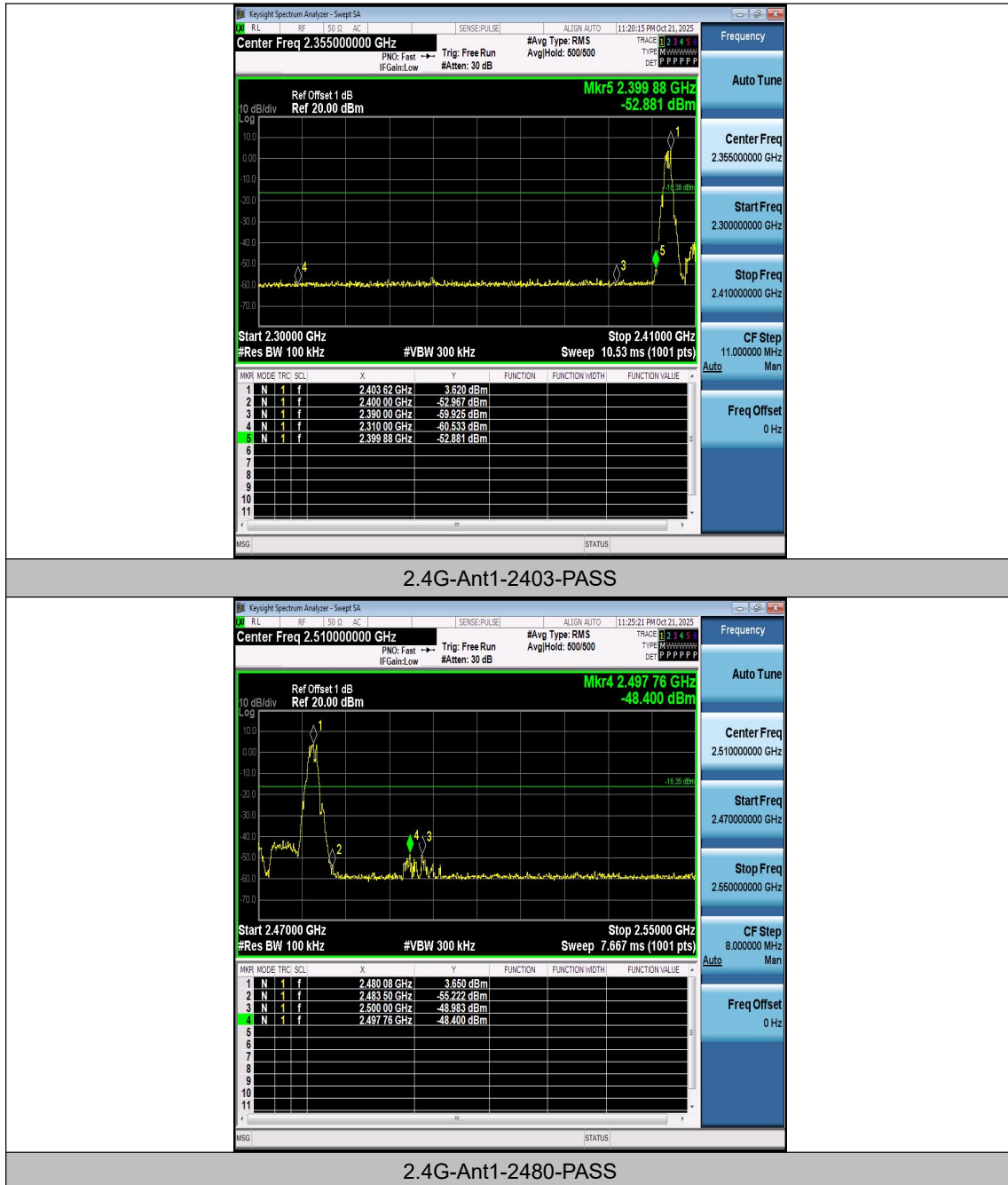
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2403	3.62	-52.88	≤-16.38	PASS
2.4G	Ant1	High	2480	3.65	-48.4	≤-16.35	PASS
2.4G	Ant1	Low	Hop	3.42	-46.38	≤-16.58	PASS
2.4G	Ant1	High	Hop	3.70	-46.99	≤-16.31	PASS

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

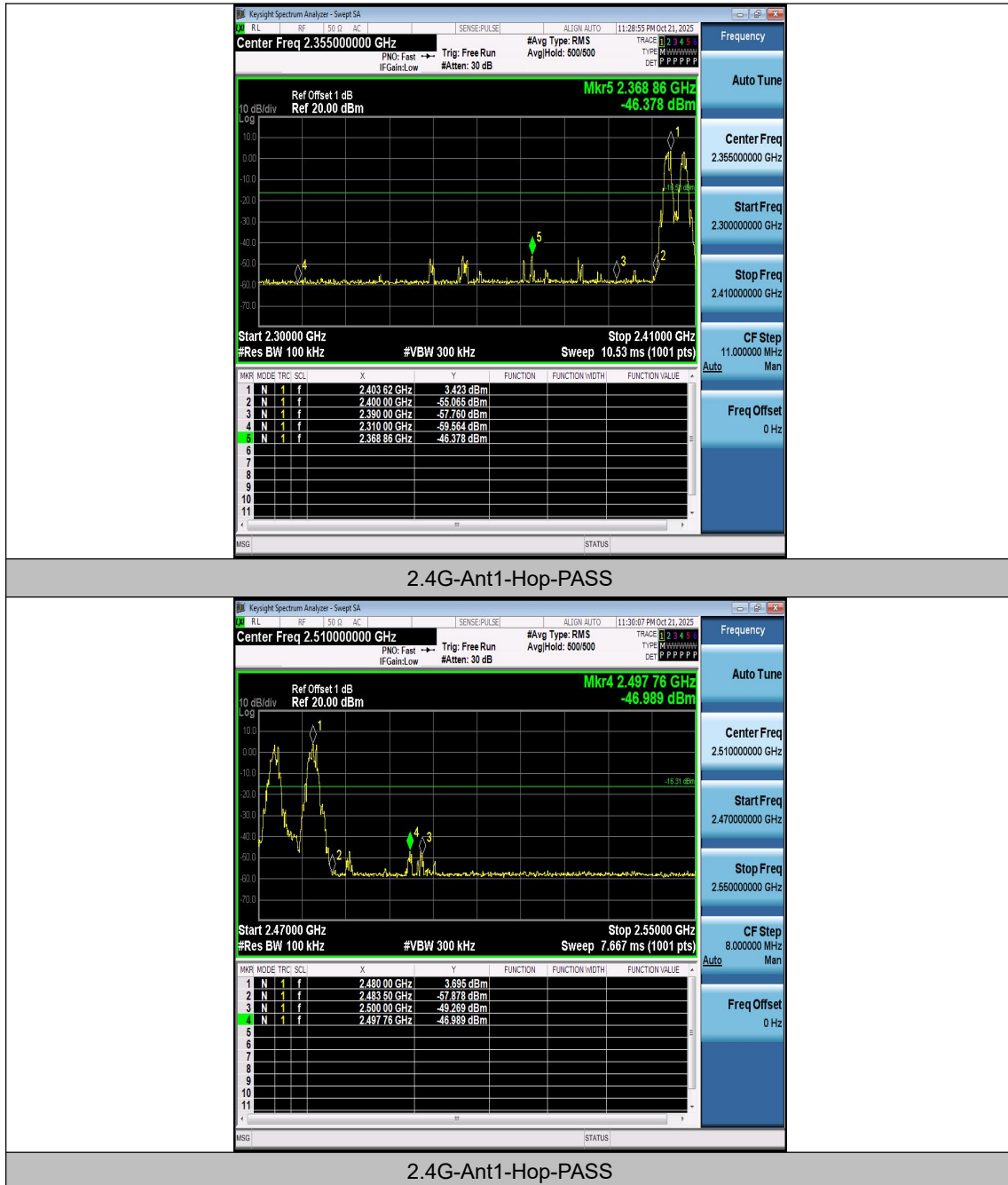
Test Graphs



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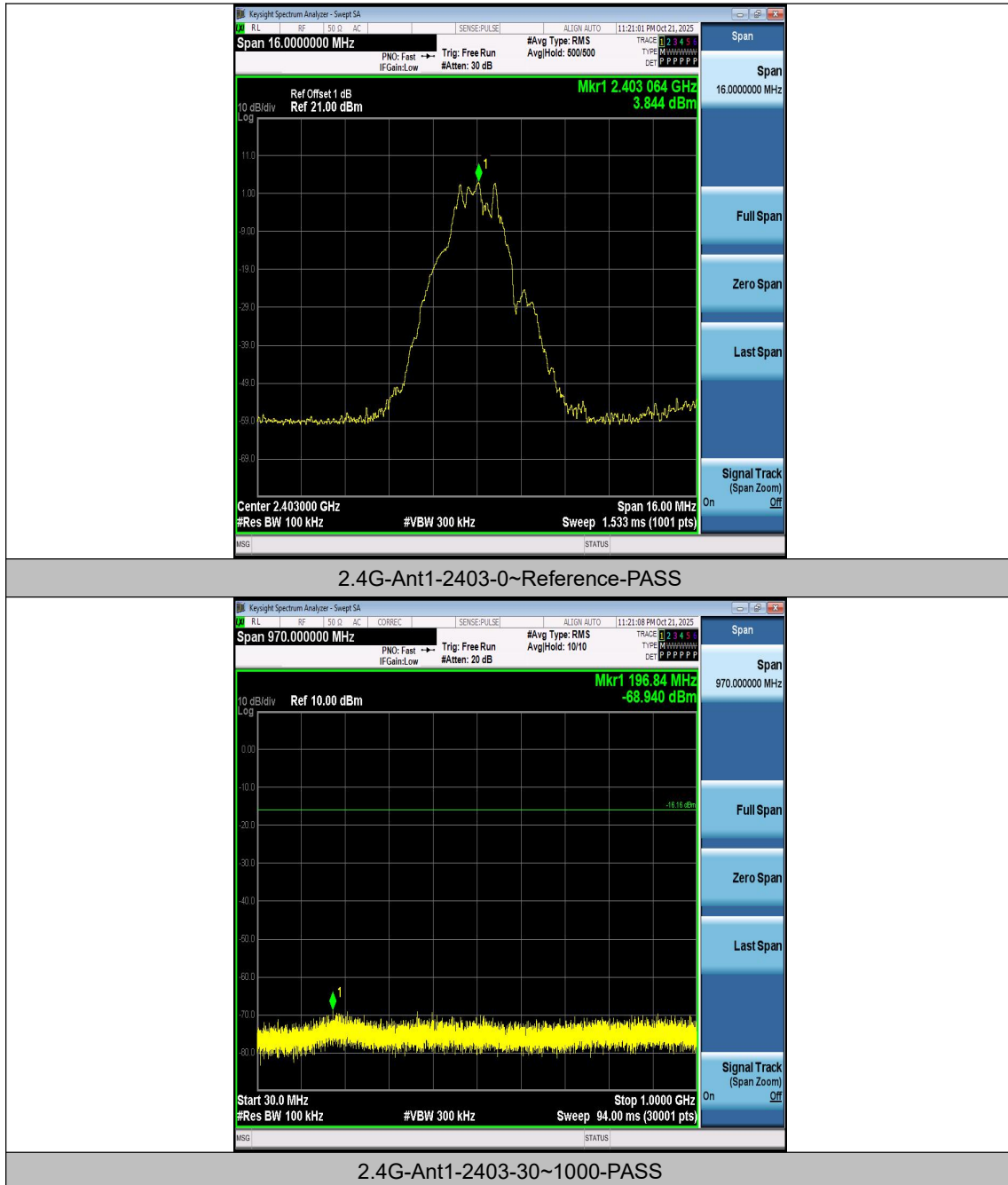
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2403	0~Reference	3.84	3.84	---	PASS
2.4G	Ant1	2403	30~1000	3.84	-68.94	≤-16.16	PASS
2.4G	Ant1	2403	1000~26500	3.84	-53.49	≤-16.16	PASS
2.4G	Ant1	2441	0~Reference	3.83	3.83	---	PASS
2.4G	Ant1	2441	30~1000	3.83	-68.31	≤-16.17	PASS
2.4G	Ant1	2441	1000~26500	3.83	-41.21	≤-16.17	PASS
2.4G	Ant1	2480	0~Reference	4.12	4.12	---	PASS
2.4G	Ant1	2480	30~1000	4.12	-68.79	≤-15.88	PASS
2.4G	Ant1	2480	1000~26500	4.12	-52.46	≤-15.88	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

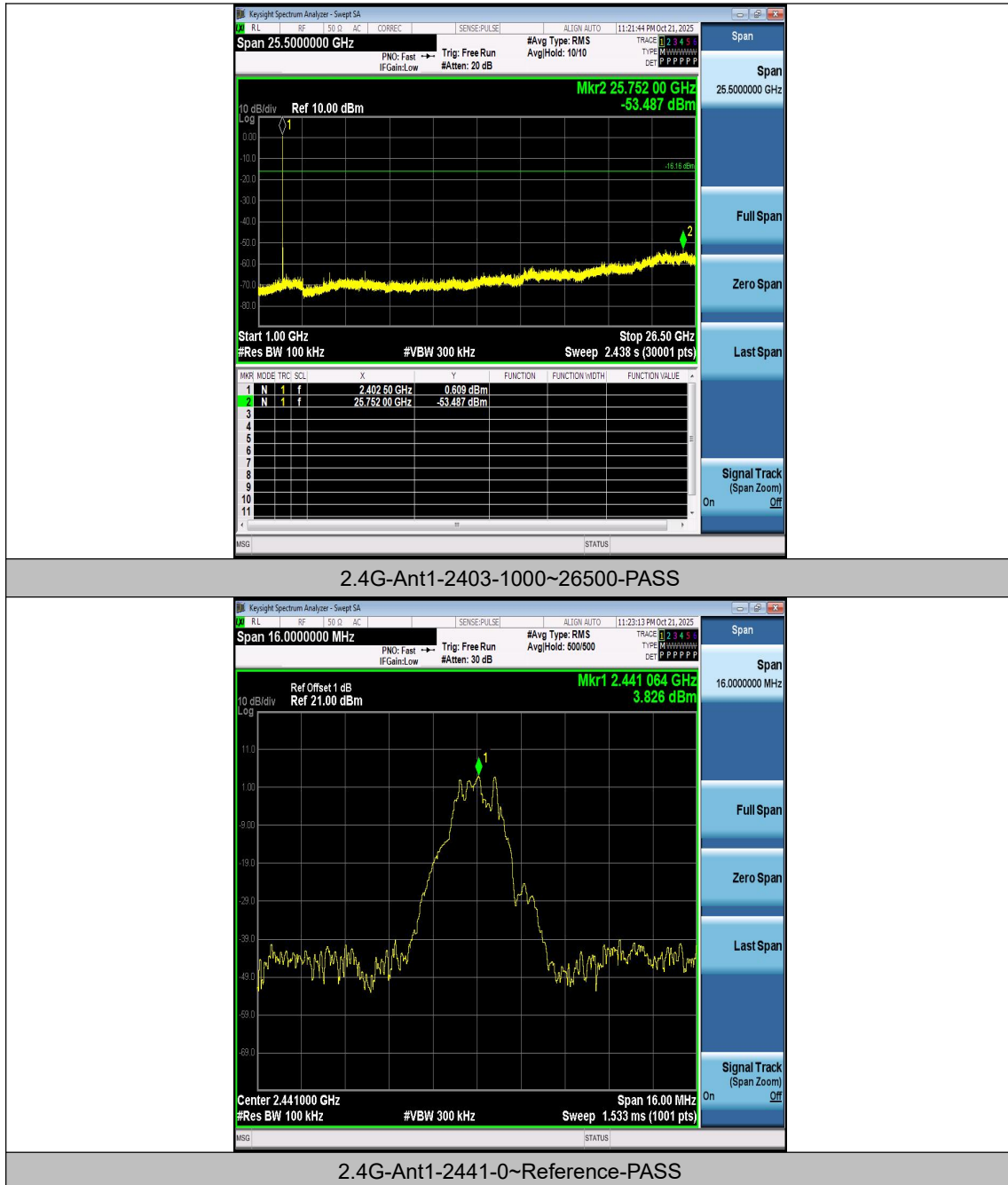
Test Graphs



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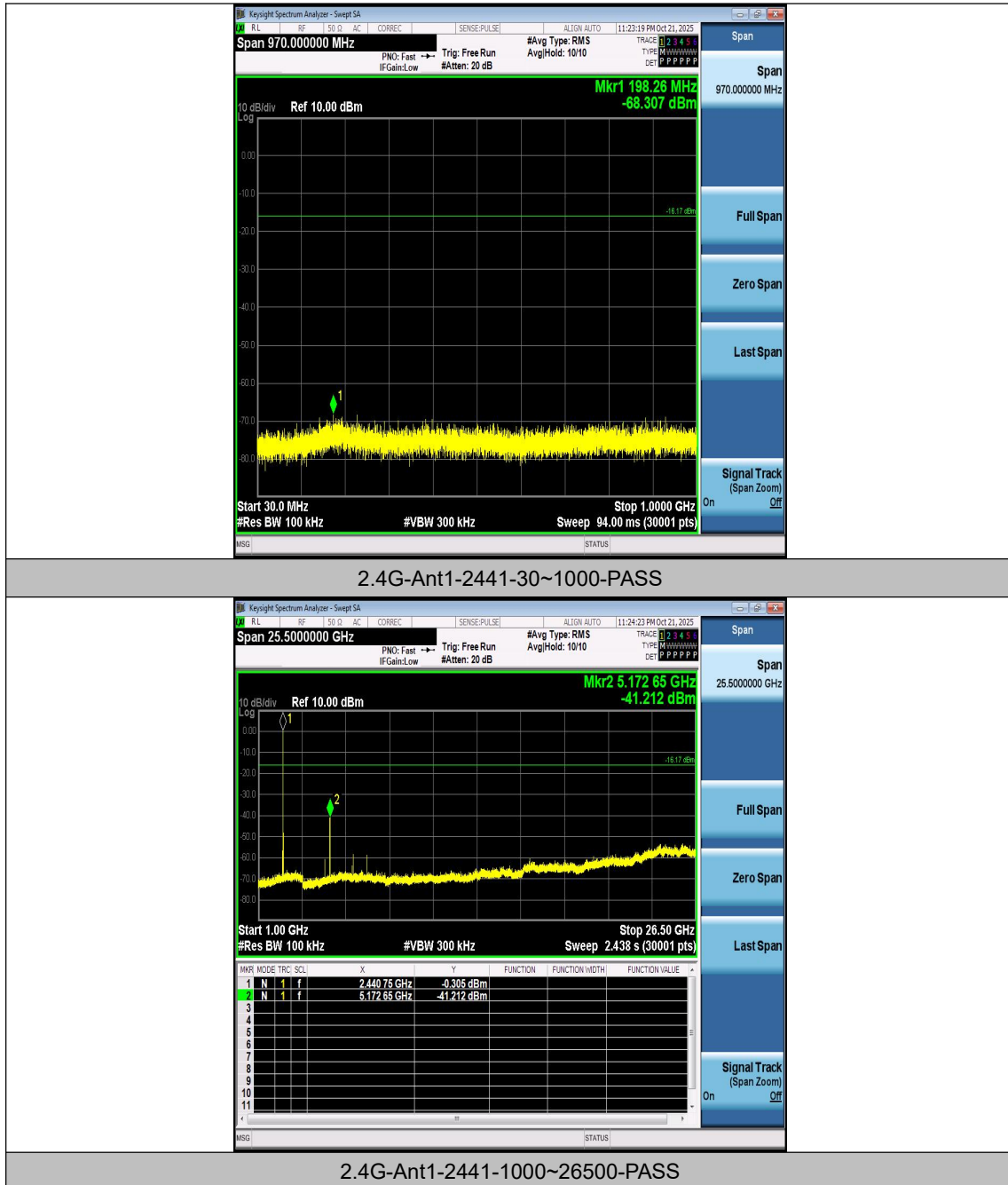
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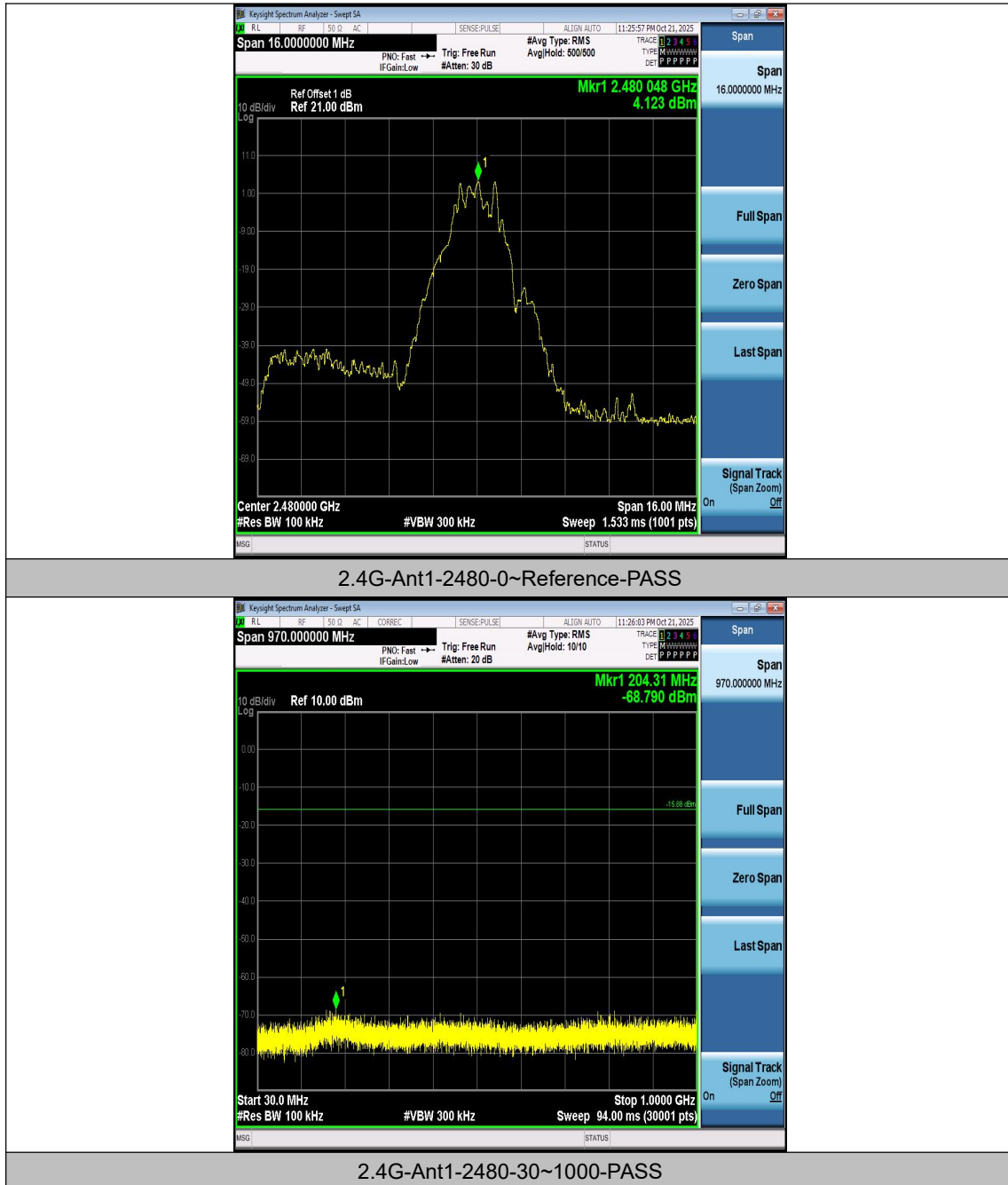
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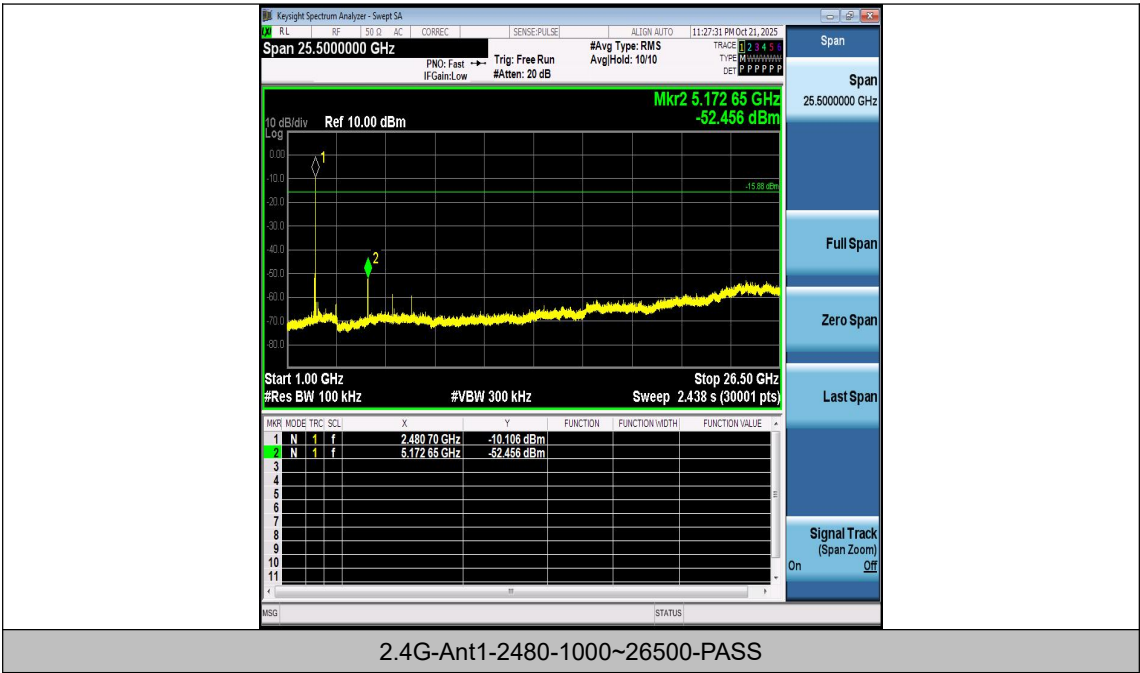
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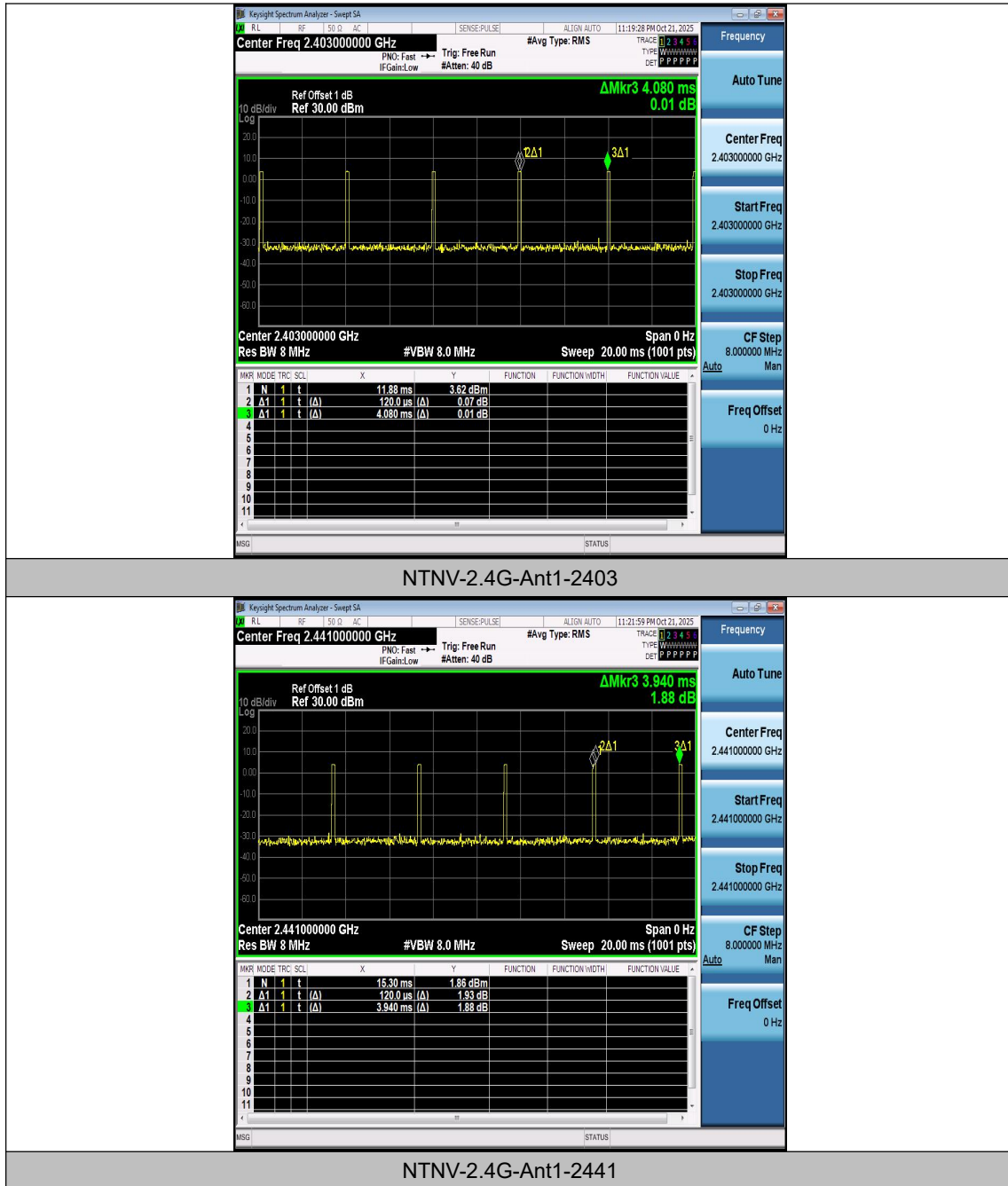
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Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2403	0.12	4.08	2.94	15.32
2.4G	Ant1	2441	0.12	3.94	3.05	15.16
2.4G	Ant1	2480	0.12	3.94	3.05	15.16

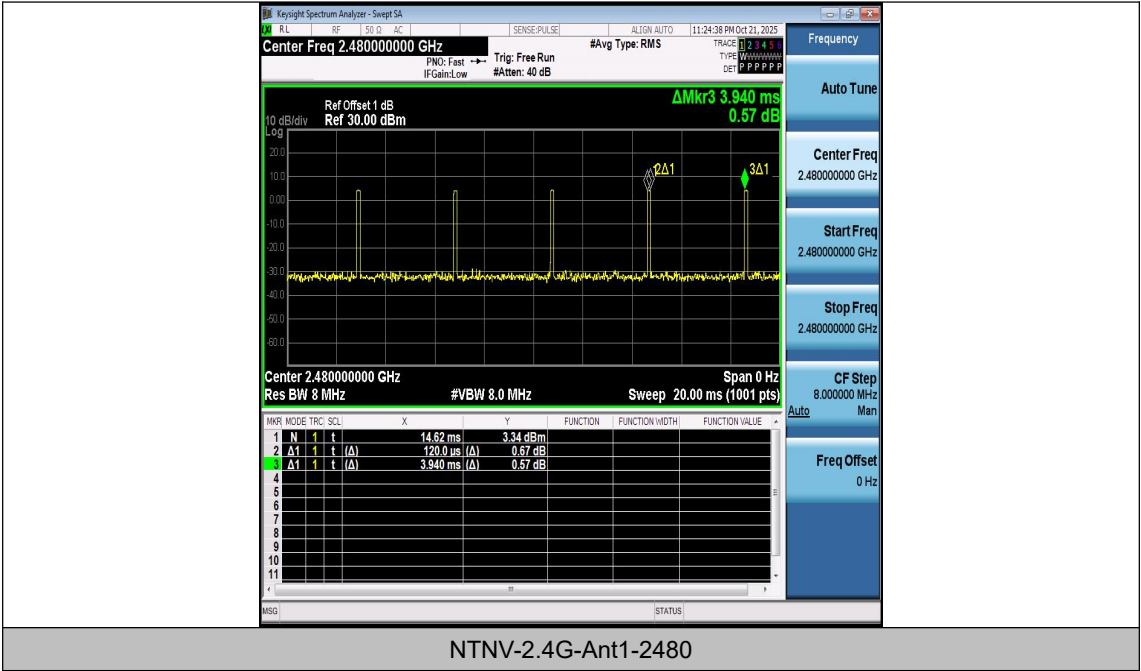
Test Graphs



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---End---