

Appendix Test Data

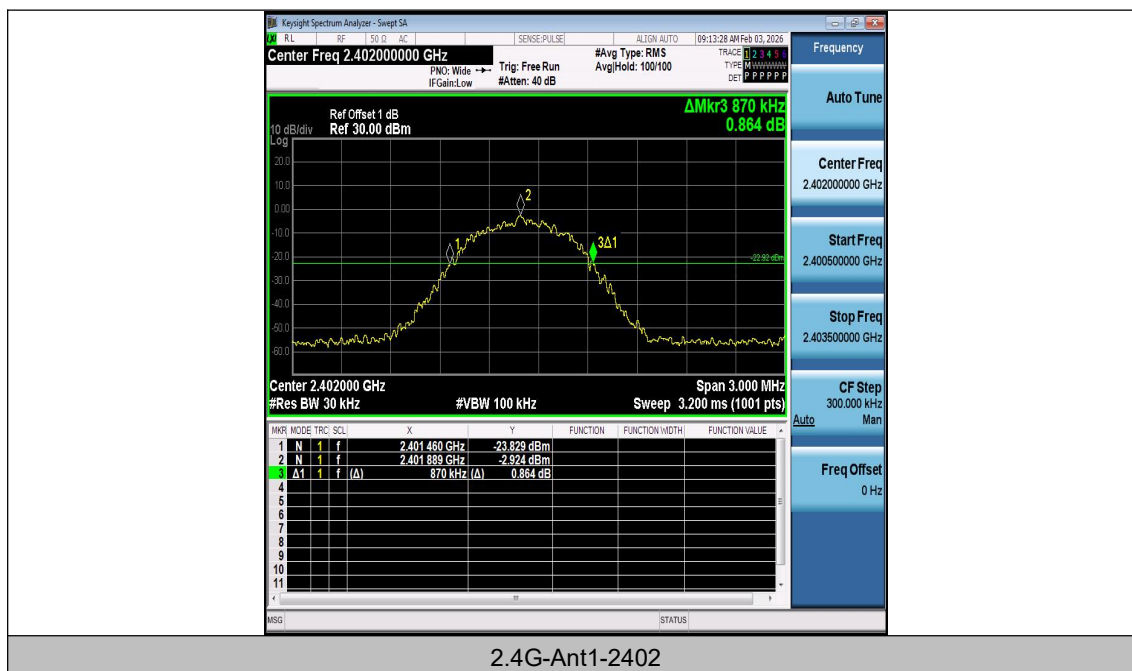
Report No.:	1812C50703212502-01	Test Sample No.:	1-2-2
Start Test Date:	2026-1-27	Finish Test Date:	2026-2-3
Test Engineer:	Alex Peng	Auditor:	Justin Feng
Temperature:	20.8°C	Relative Humidity:	55%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.870	2401.460	2402.330	---	---
2.4G	Ant1	2440	0.873	2439.460	2440.333	---	---
2.4G	Ant1	2480	0.879	2479.457	2480.336	---	---

Test Graphs



2.4G-Ant1-2402



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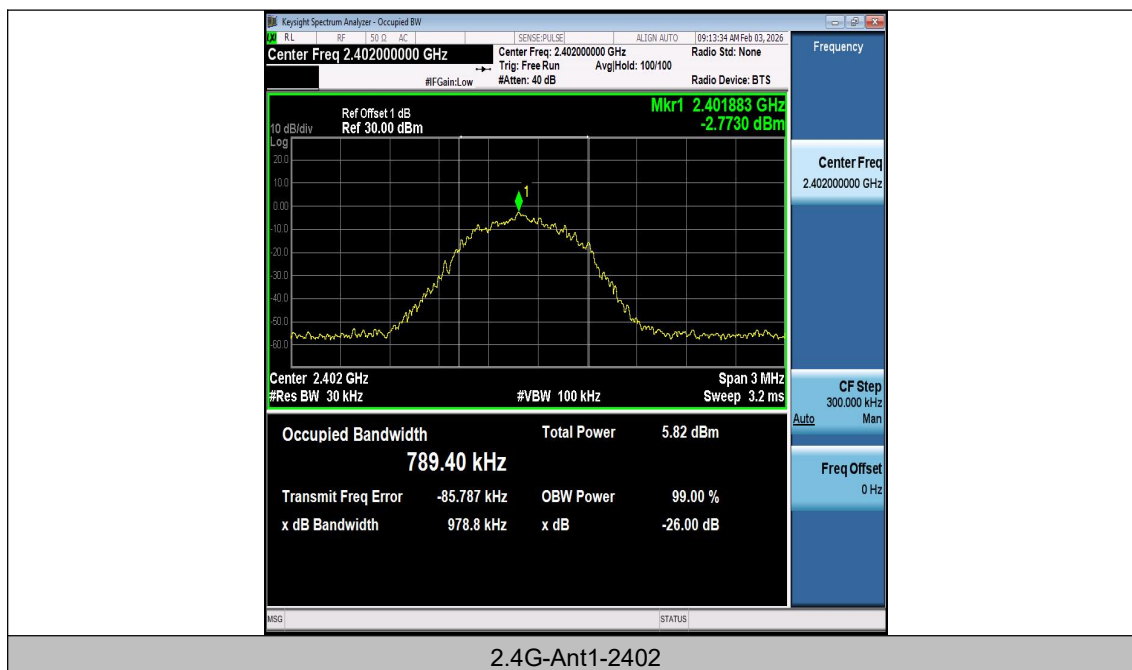
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402	0.78940	2401.5195	2402.3089	---	---
2.4G	Ant1	2440	0.79596	2439.5104	2440.3063	---	---
2.4G	Ant1	2480	0.76684	2479.5206	2480.2874	---	---

Test Graphs





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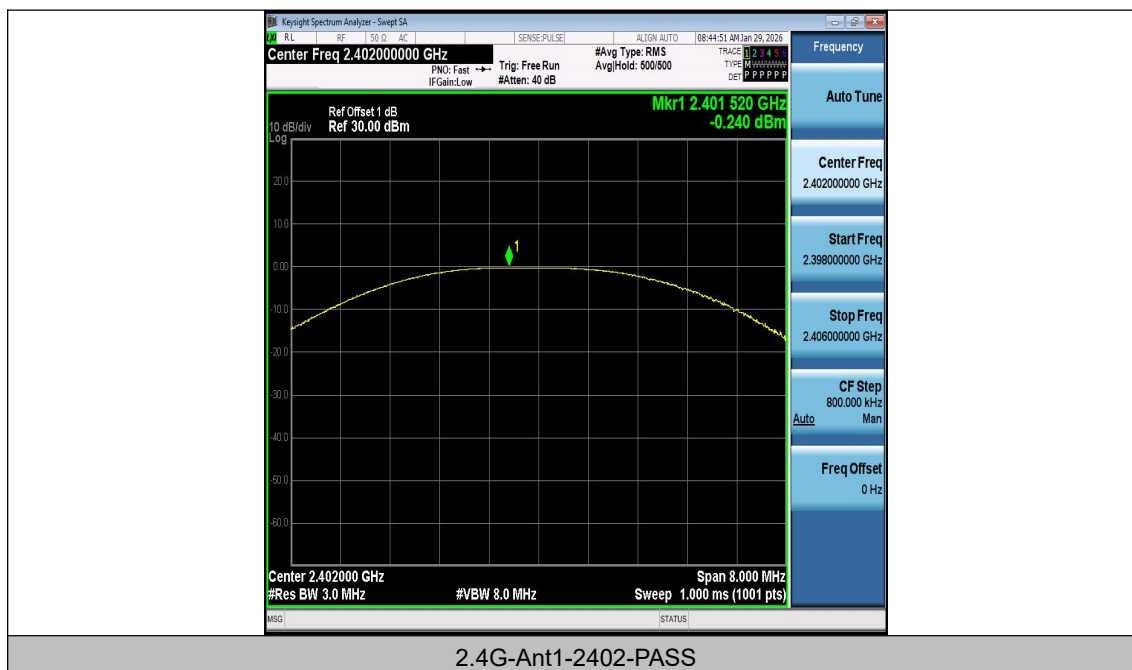
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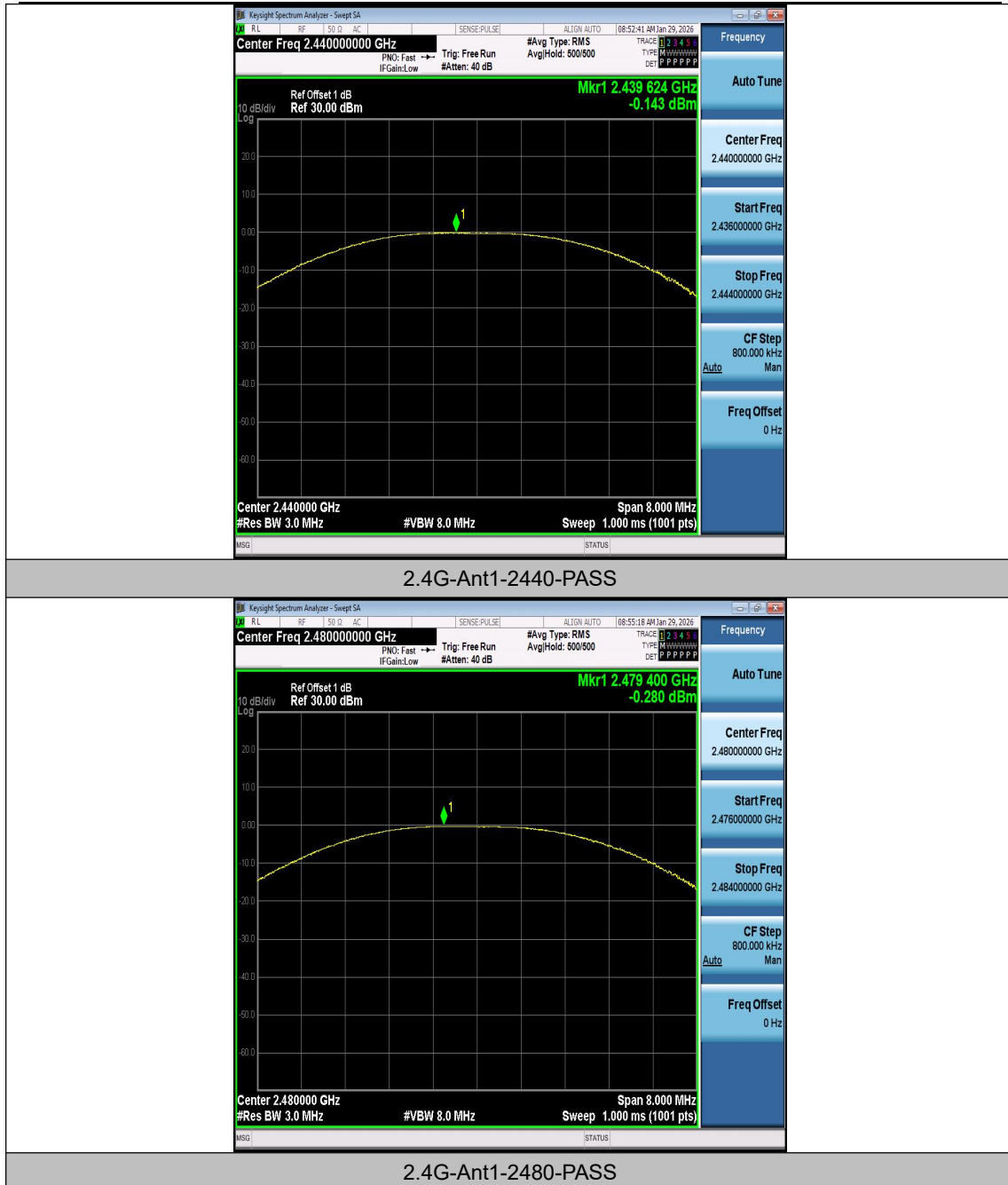
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402	-0.24	≤20.97	PASS
2.4G	Ant1	2440	-0.14	≤20.97	PASS
2.4G	Ant1	2480	-0.28	≤20.97	PASS

Test Graphs





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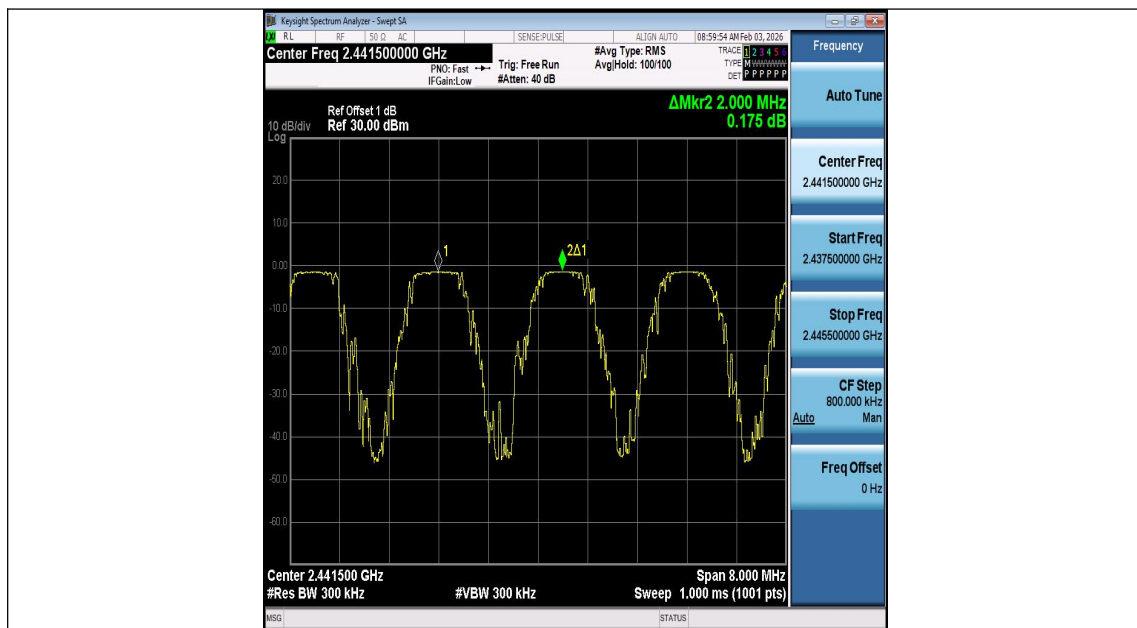
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Antenna	Hop	2.00	≥0.586	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

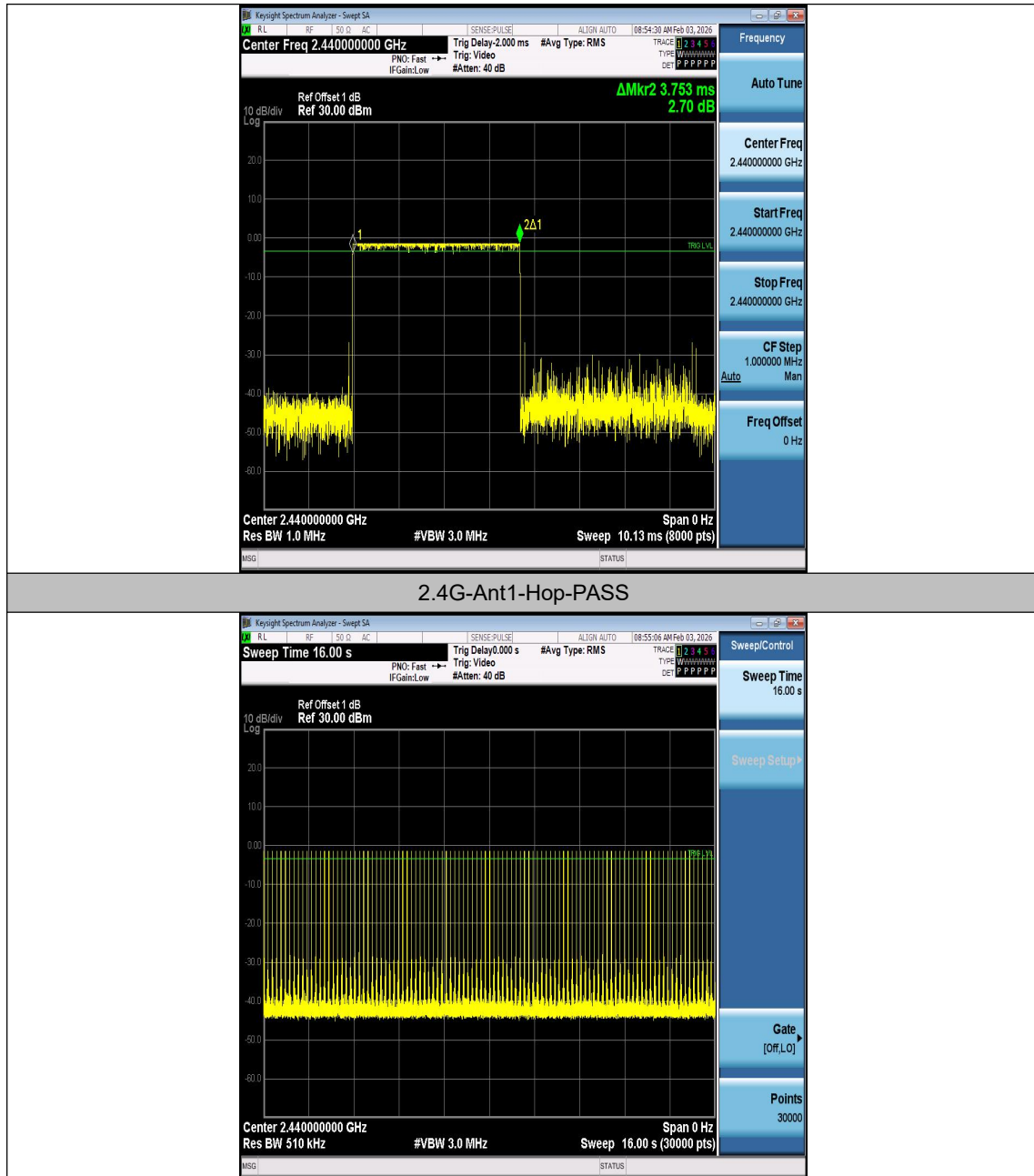


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	3.753	104	0.39	≤0.4	PASS

Test Graphs



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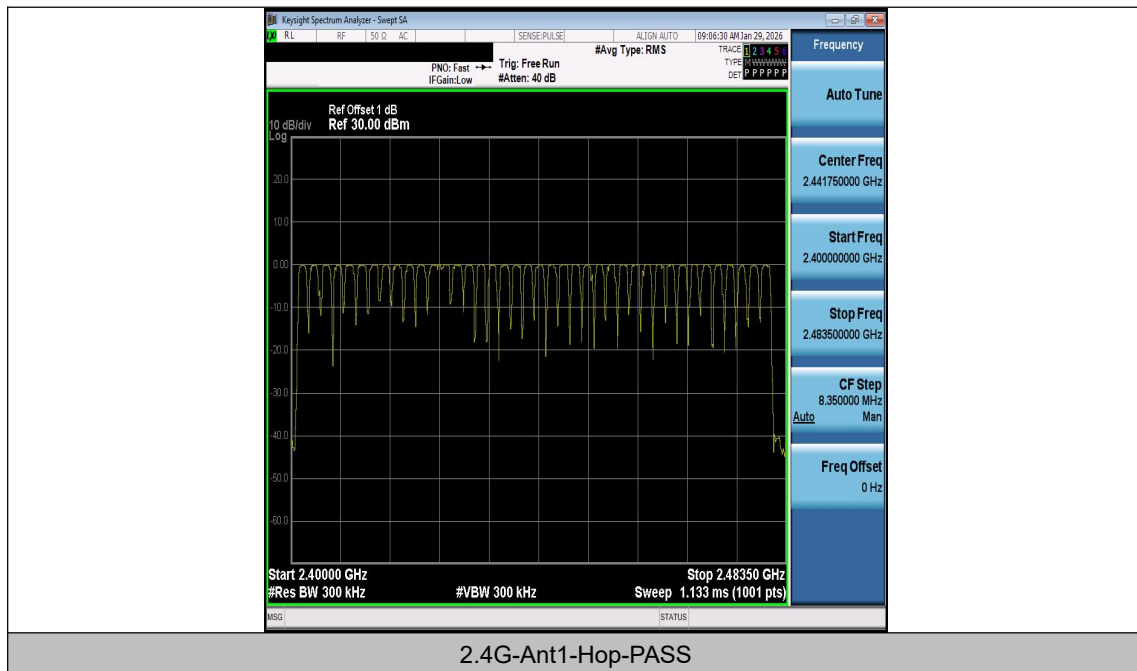
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Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



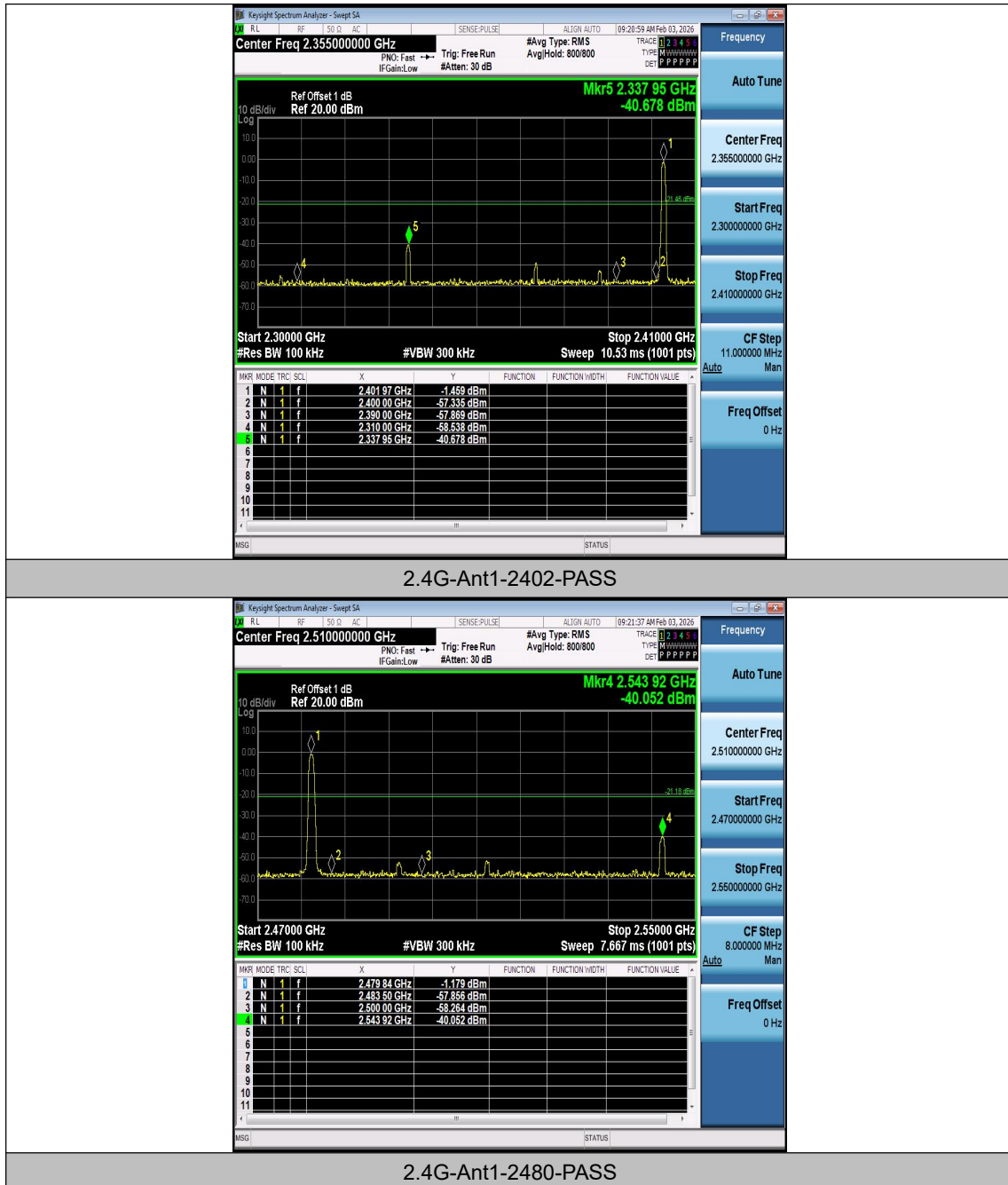
Appendix G: Conducted Band edge

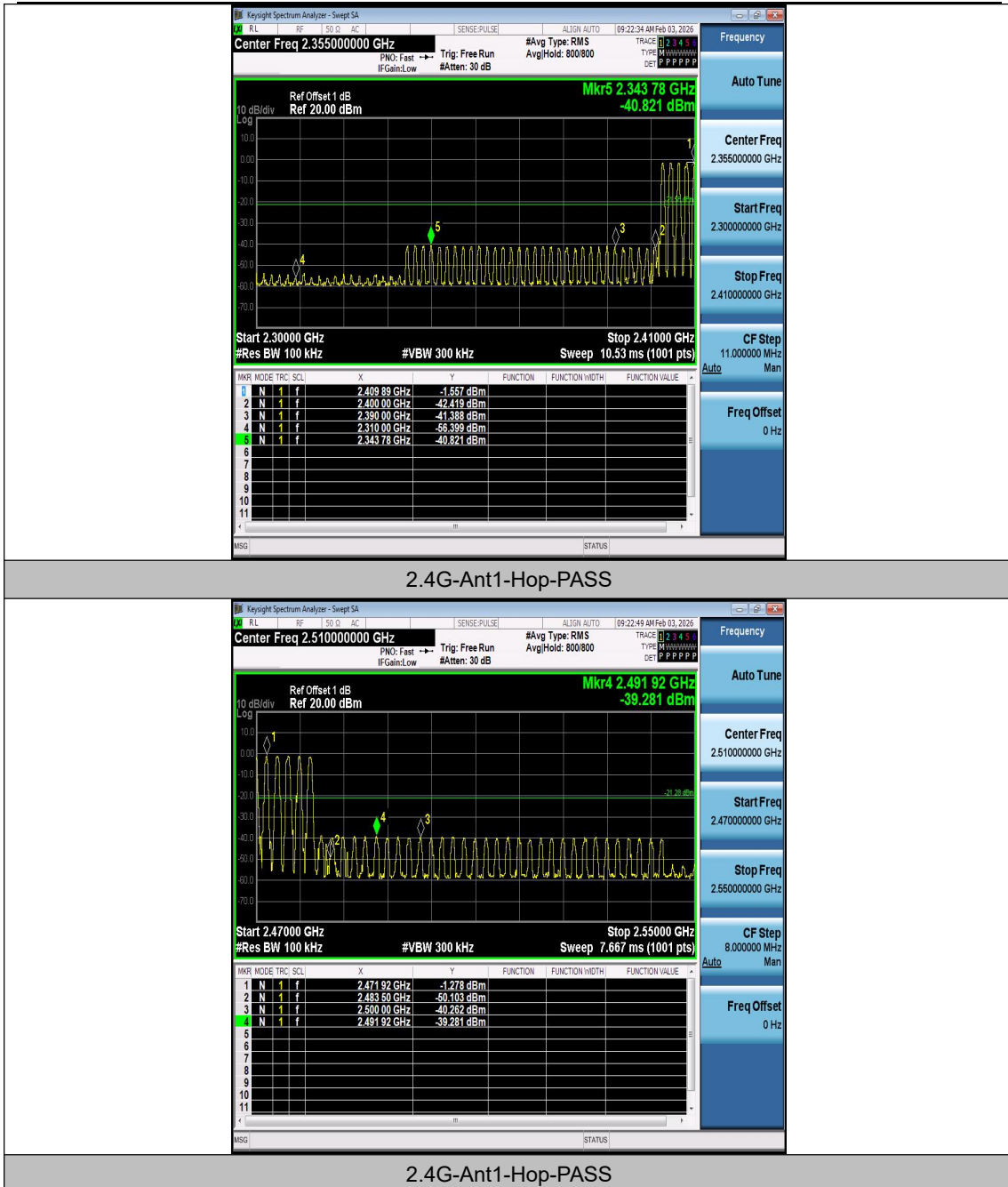
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402	-1.46	-40.68	≤-21.46	PASS
2.4G	Ant1	High	2480	-1.18	-40.05	≤-21.18	PASS
2.4G	Ant1	Low	Hop	-1.56	-40.82	≤-21.56	PASS
2.4G	Ant1	High	Hop	-1.28	-39.28	≤-21.28	PASS

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

Test Graphs





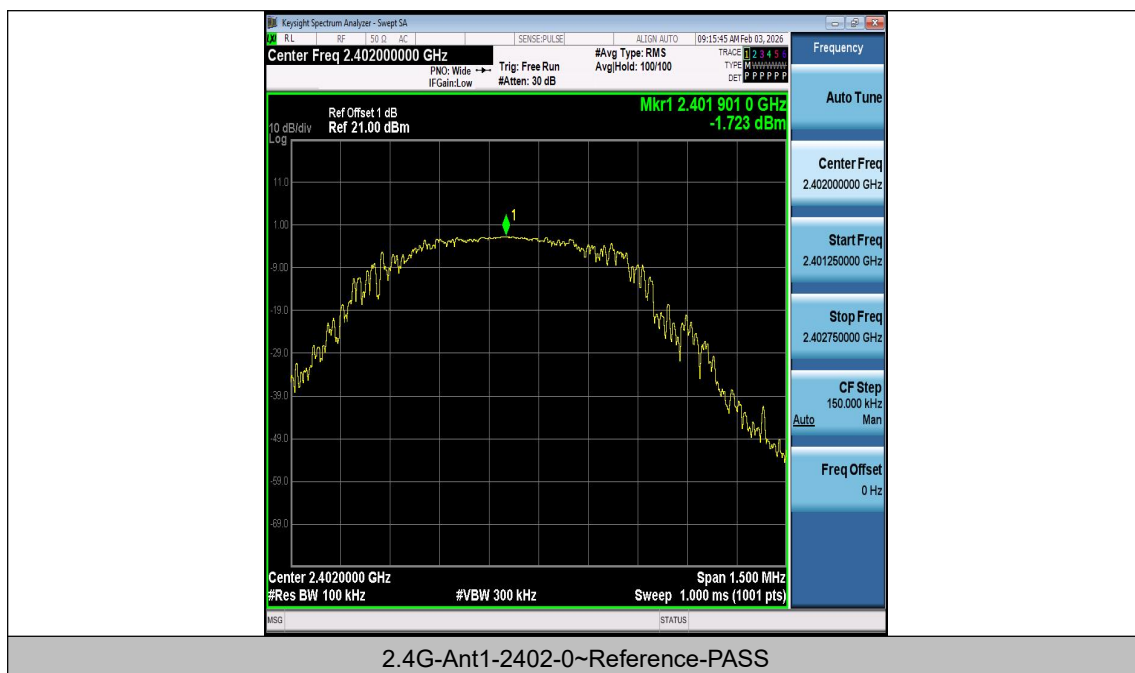
Appendix H: Conducted Spurious Emission

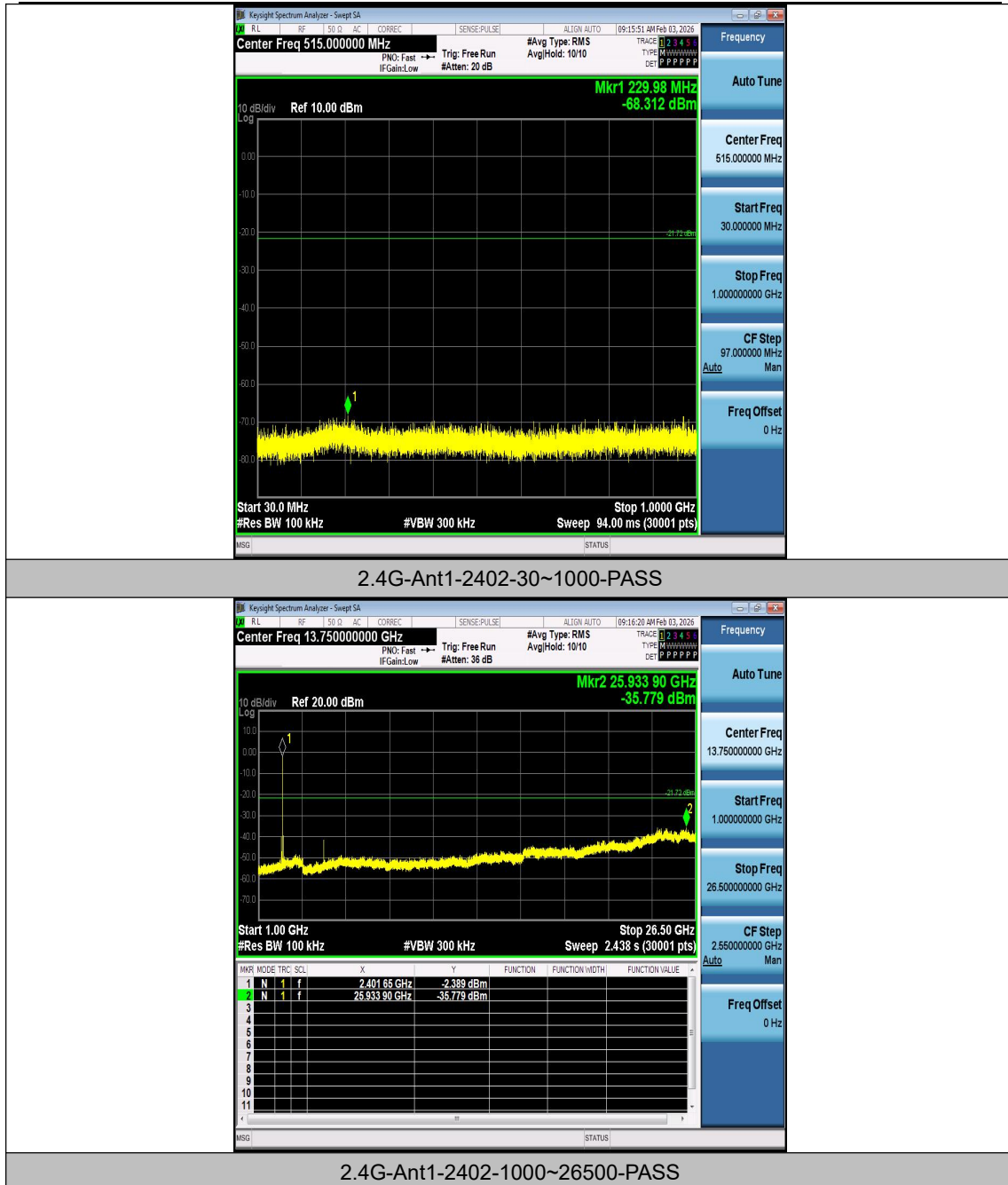
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402	0~Reference	-1.72	-1.72	---	PASS
2.4G	Ant1	2402	30~1000	-1.72	-68.31	≤-21.72	PASS
2.4G	Ant1	2402	1000~26500	-1.72	-35.78	≤-21.72	PASS
2.4G	Ant1	2440	0~Reference	-1.51	-1.51	---	PASS
2.4G	Ant1	2440	30~1000	-1.51	-68.7	≤-21.51	PASS
2.4G	Ant1	2440	1000~26500	-1.51	-36.16	≤-21.51	PASS
2.4G	Ant1	2480	0~Reference	-1.46	-1.46	---	PASS
2.4G	Ant1	2480	30~1000	-1.46	-68.64	≤-21.46	PASS
2.4G	Ant1	2480	1000~26500	-1.46	-35.92	≤-21.46	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

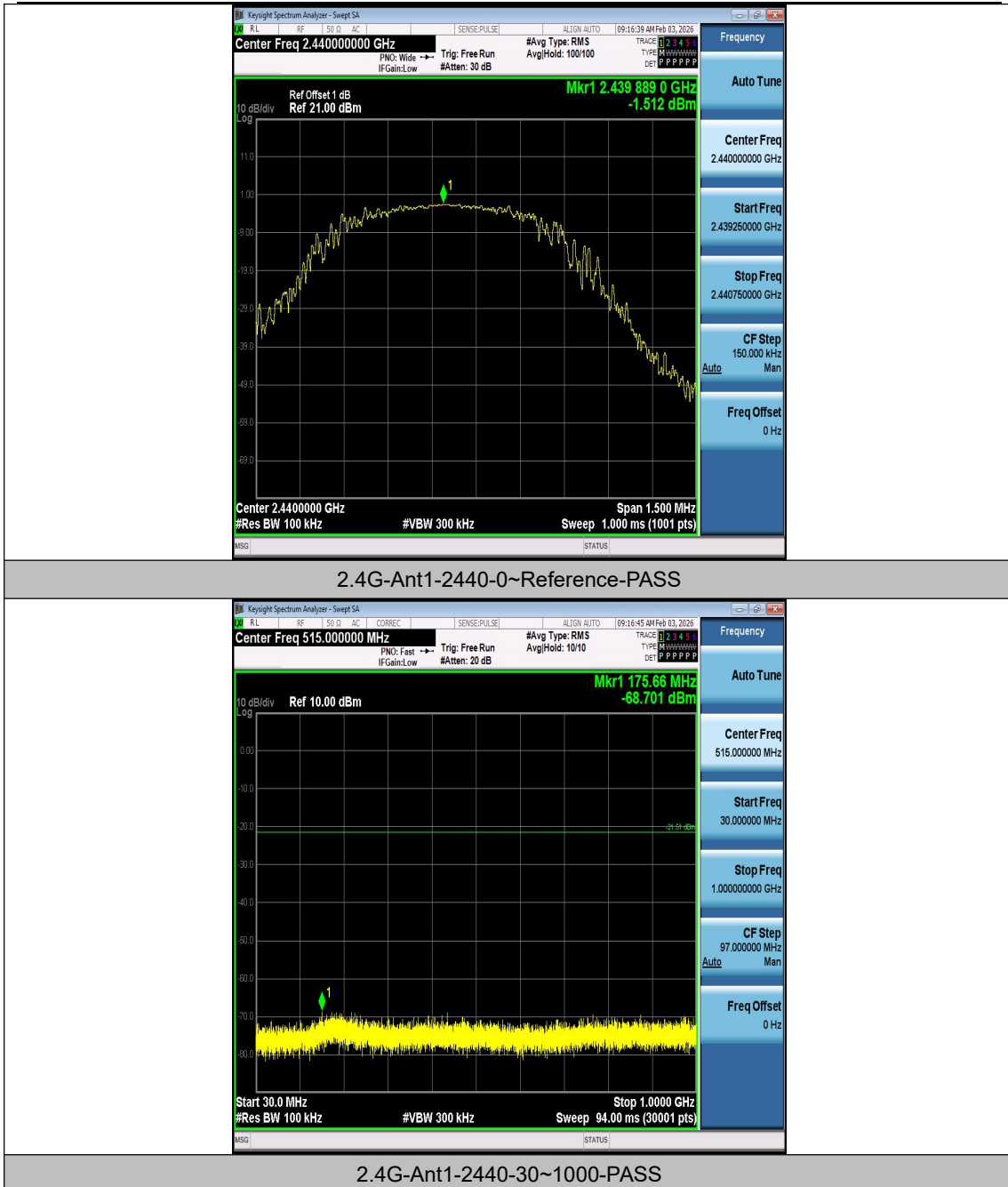




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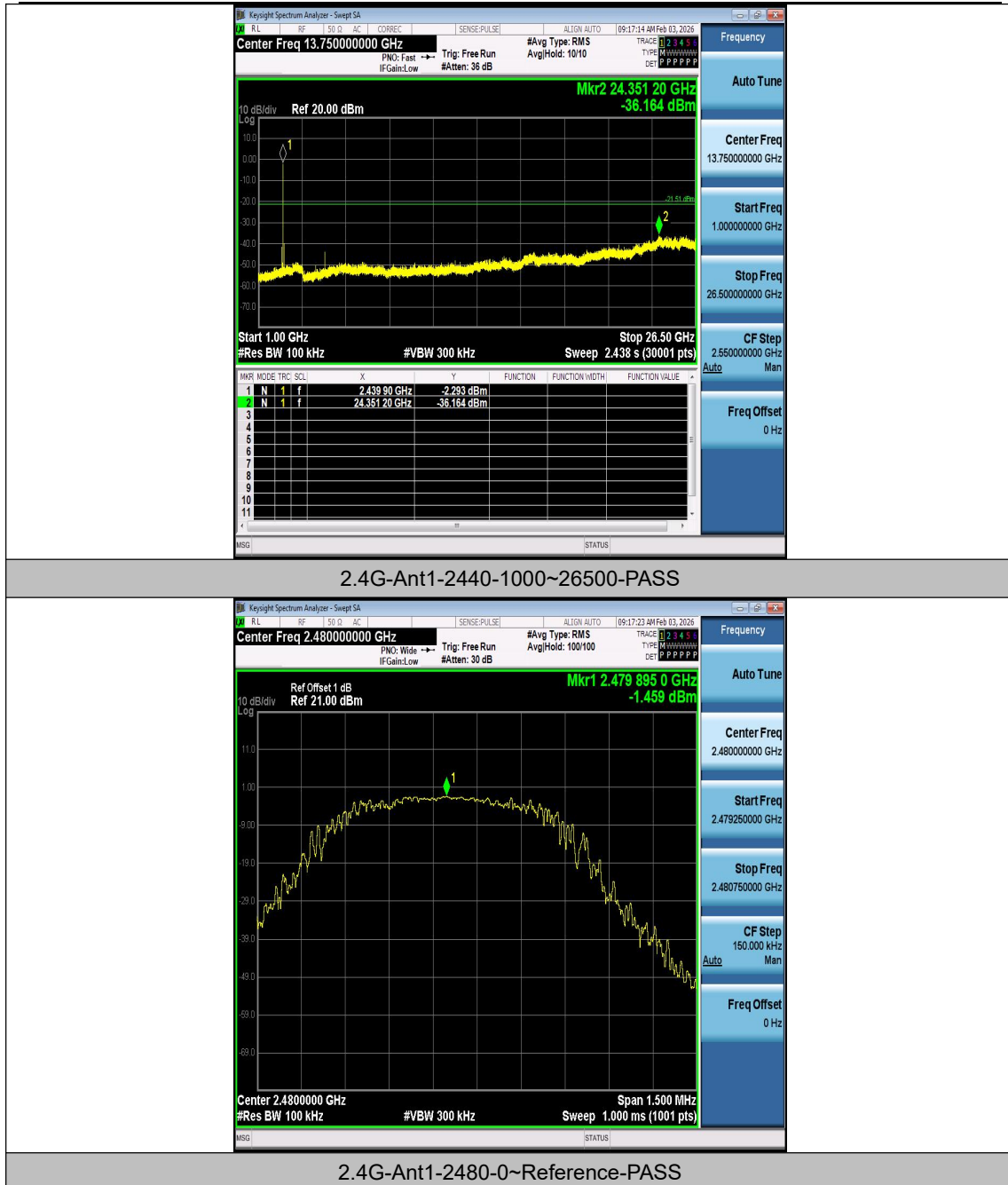
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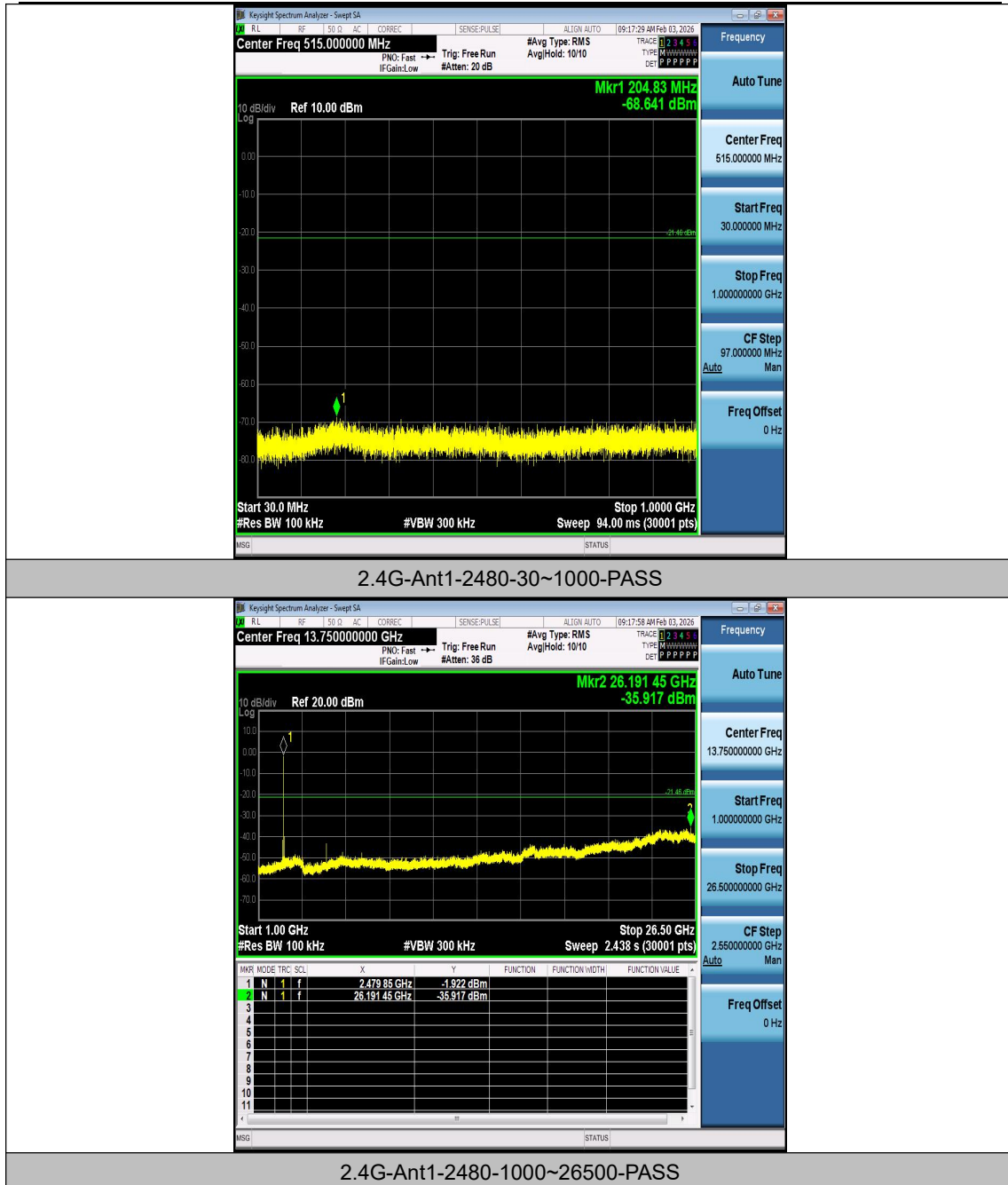
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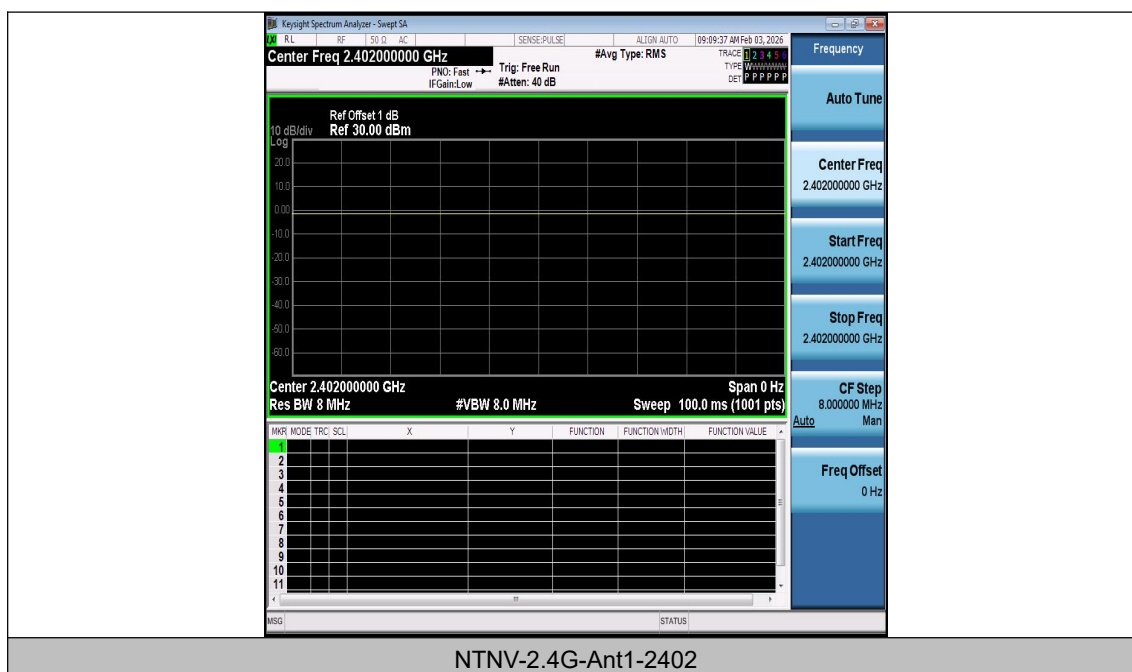
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Appendix I: Duty Cycle

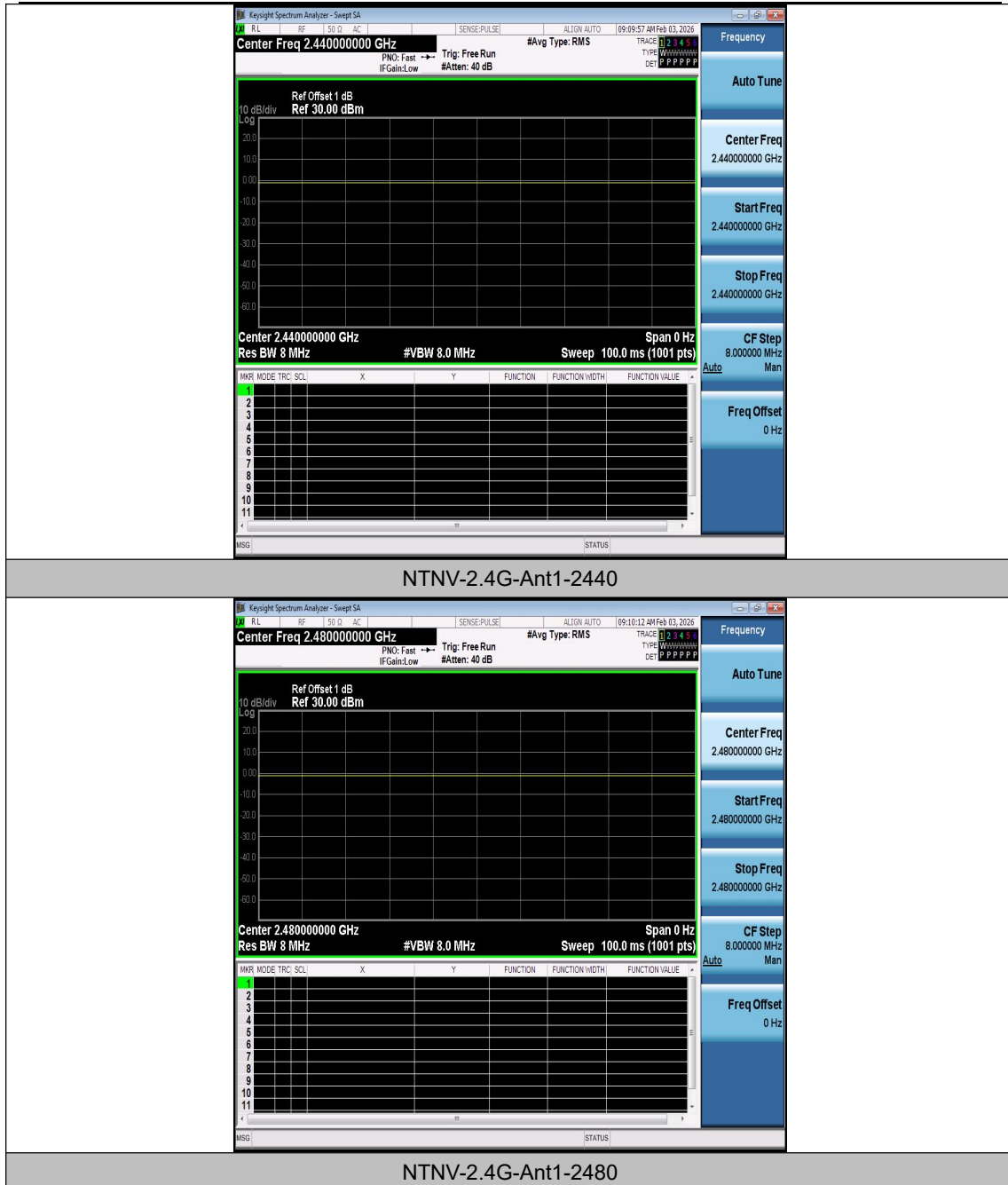
Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402	100.00	100.00	100.00	0.00
2.4G	Ant1	2440	100.00	100.00	100.00	0.00
2.4G	Ant1	2480	100.00	100.00	100.00	0.00

Test Graphs



NTNV-2.4G-Ant1-2402



---End---