

Appendix Test Data

Report No.:	1812C60516412501-01	Test Sample No.:	1-2-2
Start Test Date:	2026-9-10	Finish Test Date:	2026-9-14
Test Engineer:	<i>Alex Peng</i>	Auditor:	<i>Justin Feng</i>
Temperature:	23.2°C	Relative Humidity:	62%
Pressure:	100.8kPa		

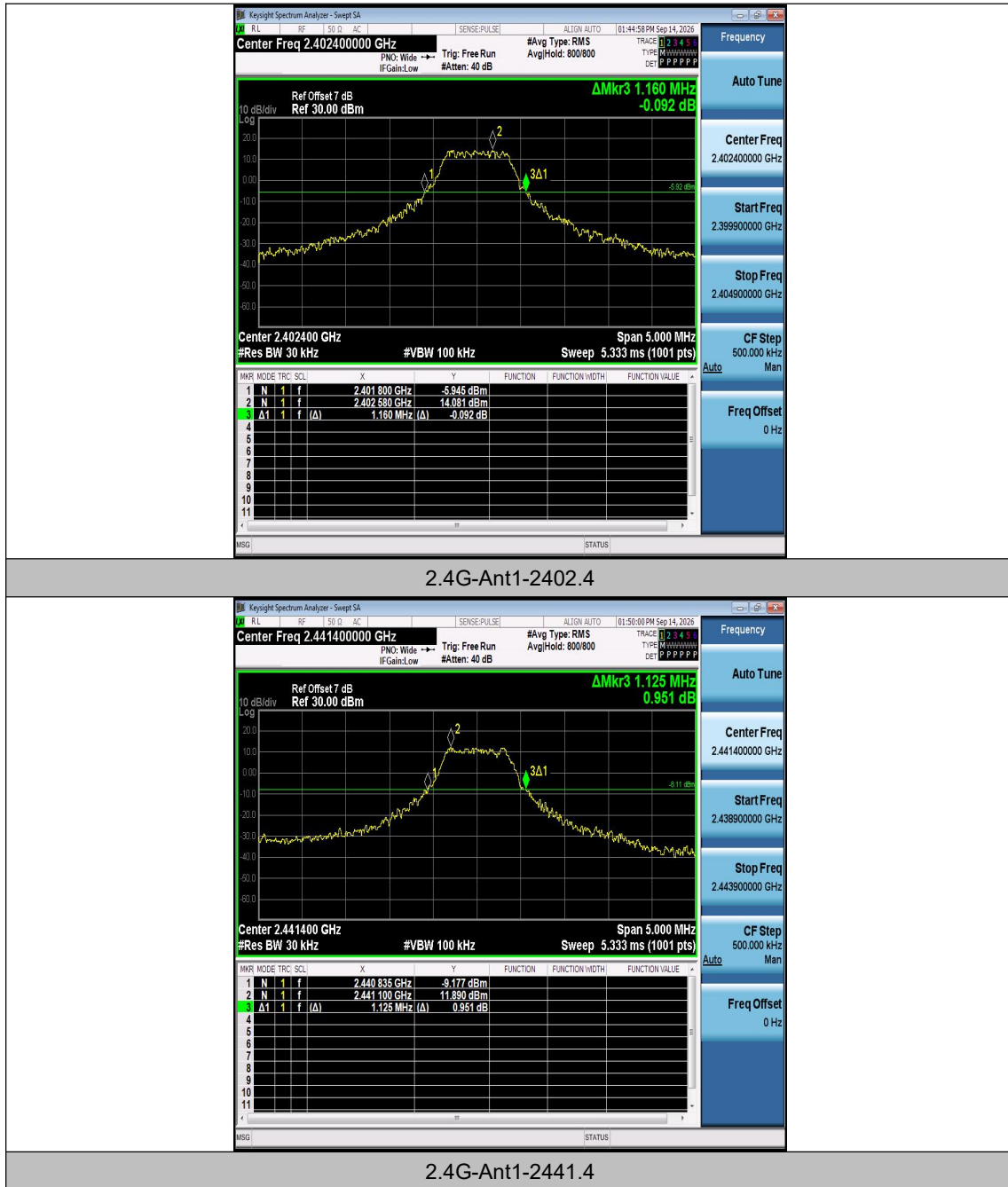


Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2402.4	1.160	2401.800	2402.960	---	---
2.4G	Ant1	2441.4	1.125	2440.835	2441.960	---	---
2.4G	Ant1	2479.4	1.175	2478.795	2479.970	---	---

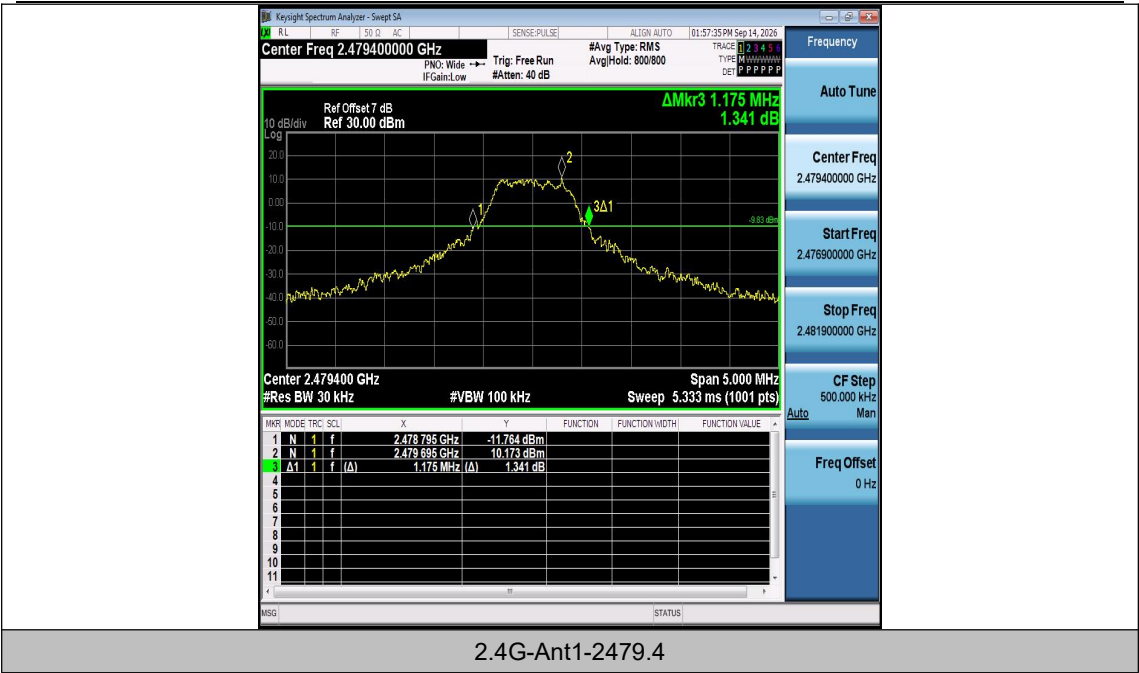
Test Graphs



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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
2.4G	Ant1	2402.4	0.96046	2401.9143	2402.8747	---	---
2.4G	Ant1	2441.4	0.94609	2440.9240	2441.8701	---	---
2.4G	Ant1	2479.4	0.94138	2478.9285	2479.8699	---	---

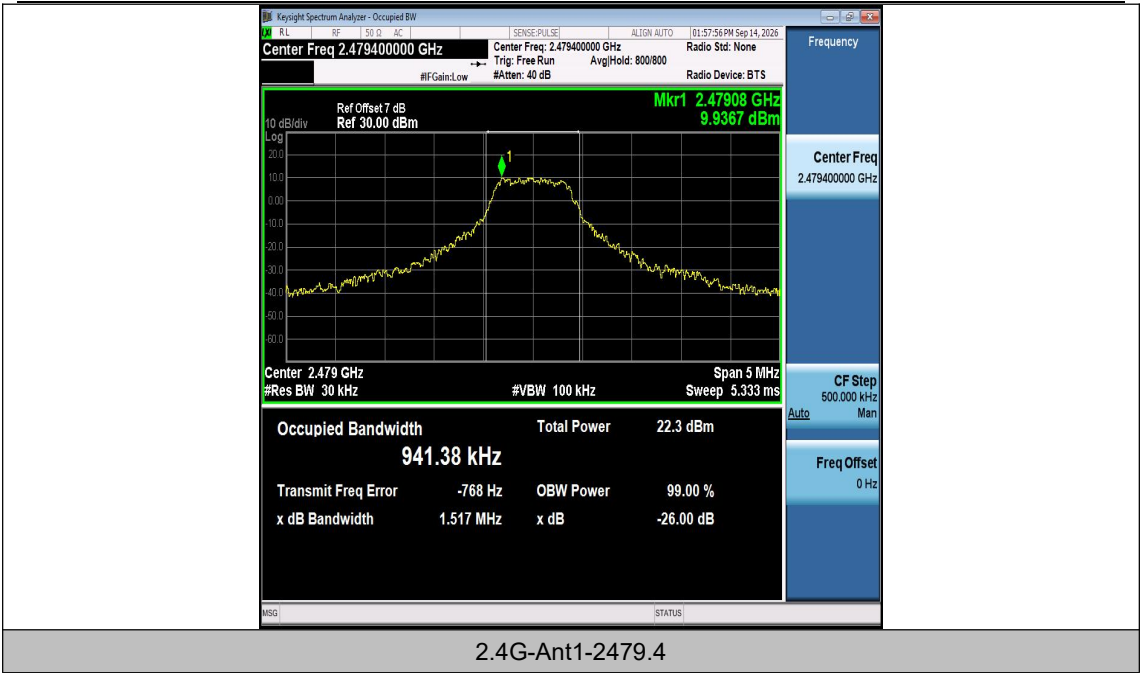
Test Graphs



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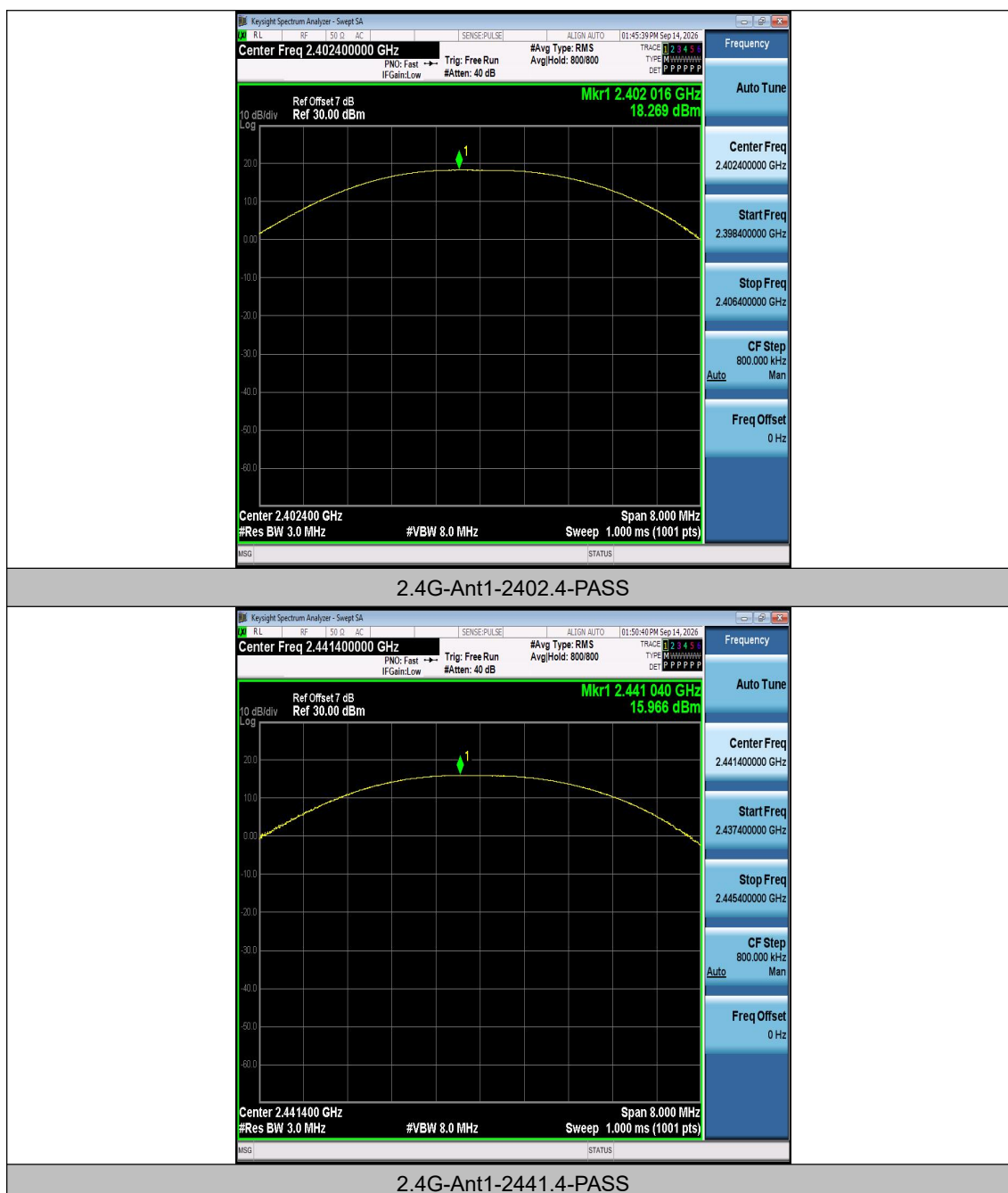
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Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2402.4	18.27	≤20.97	PASS
2.4G	Ant1	2441.4	15.97	≤20.97	PASS
2.4G	Ant1	2479.4	13.96	≤20.97	PASS

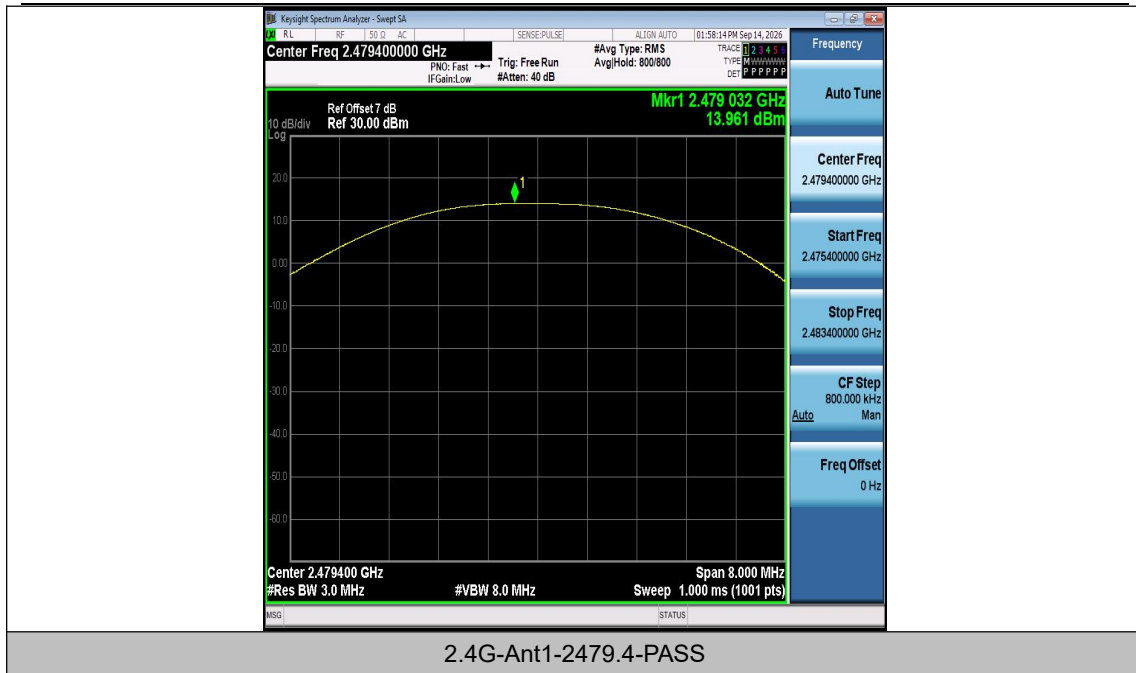
Test Graphs



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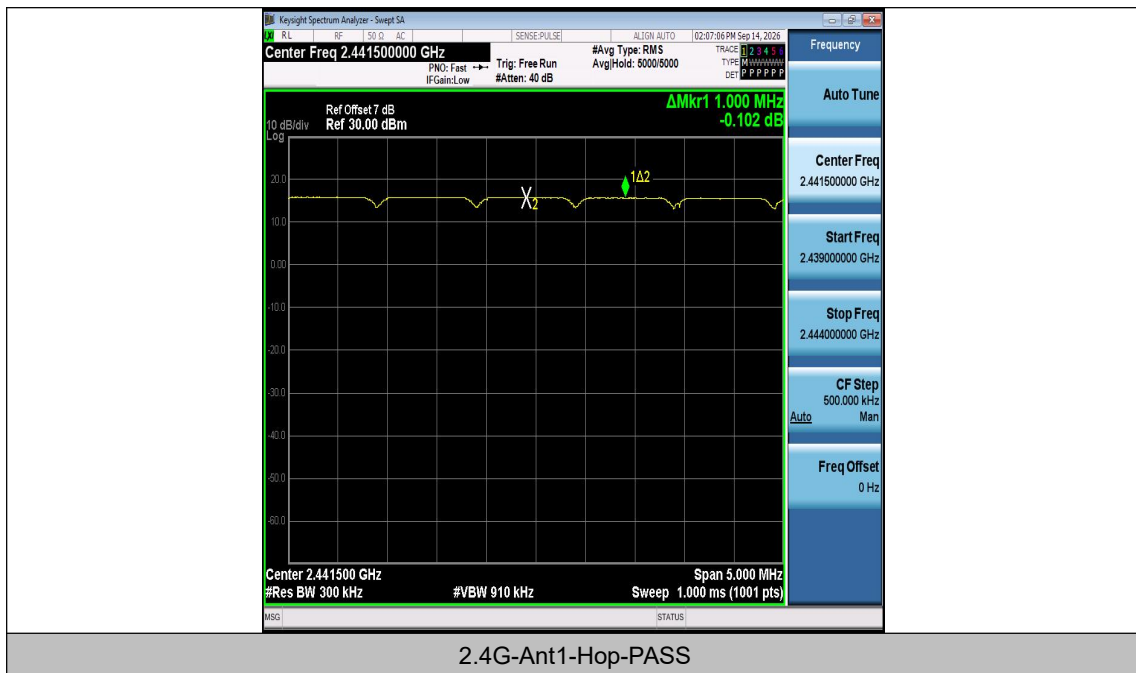
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	1.000	≥0.783	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

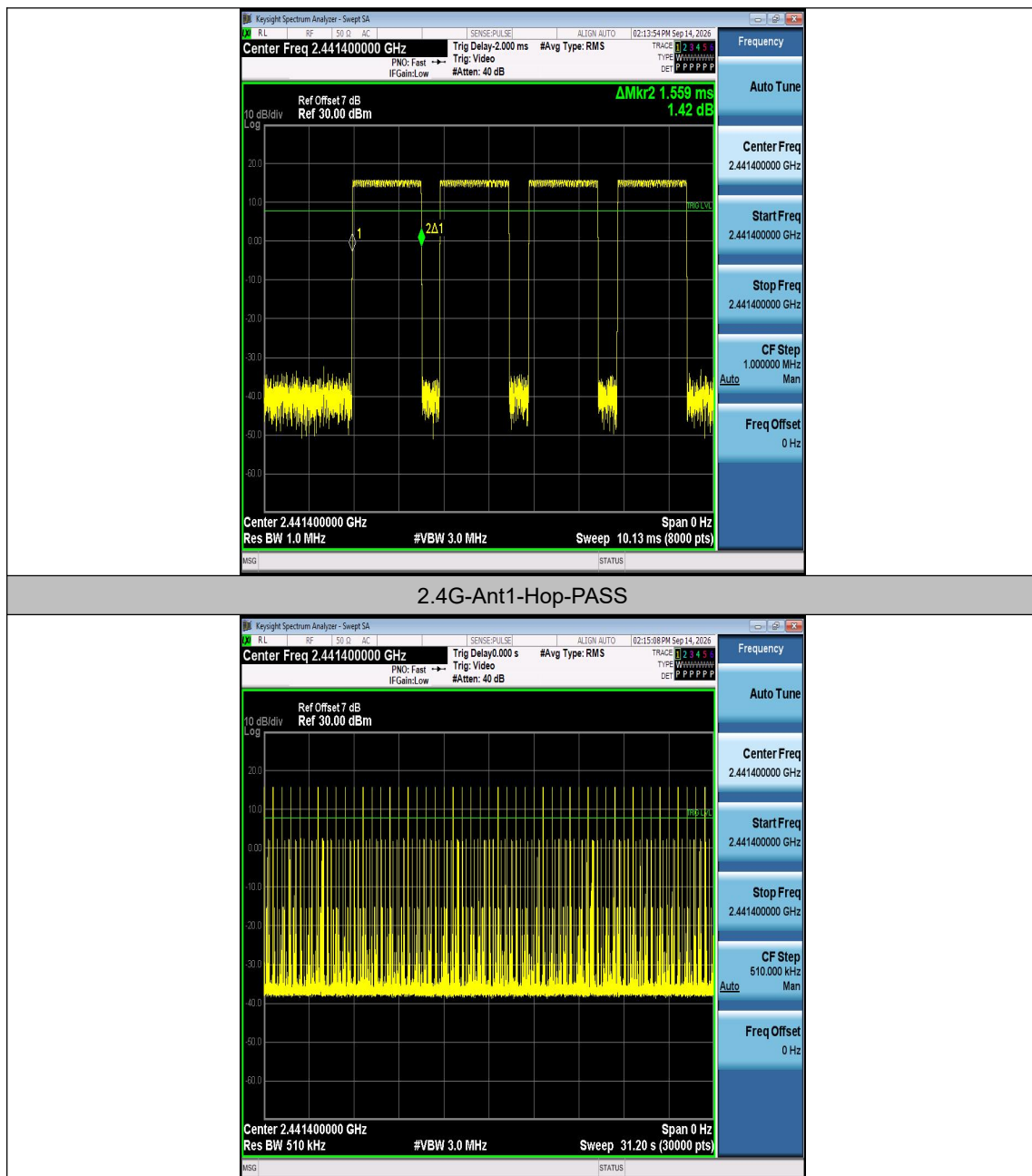


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	1.559	70	0.109	≤0.4	PASS

Test Graphs

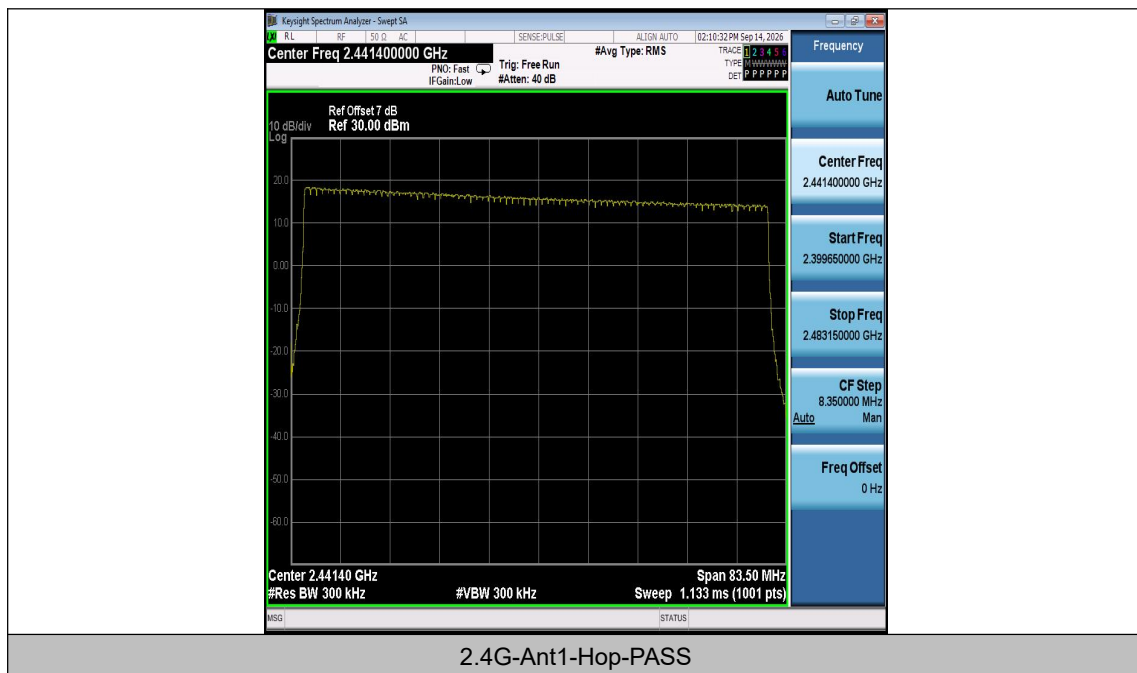


Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant1	Hop	78	≥15	PASS

Test Graphs

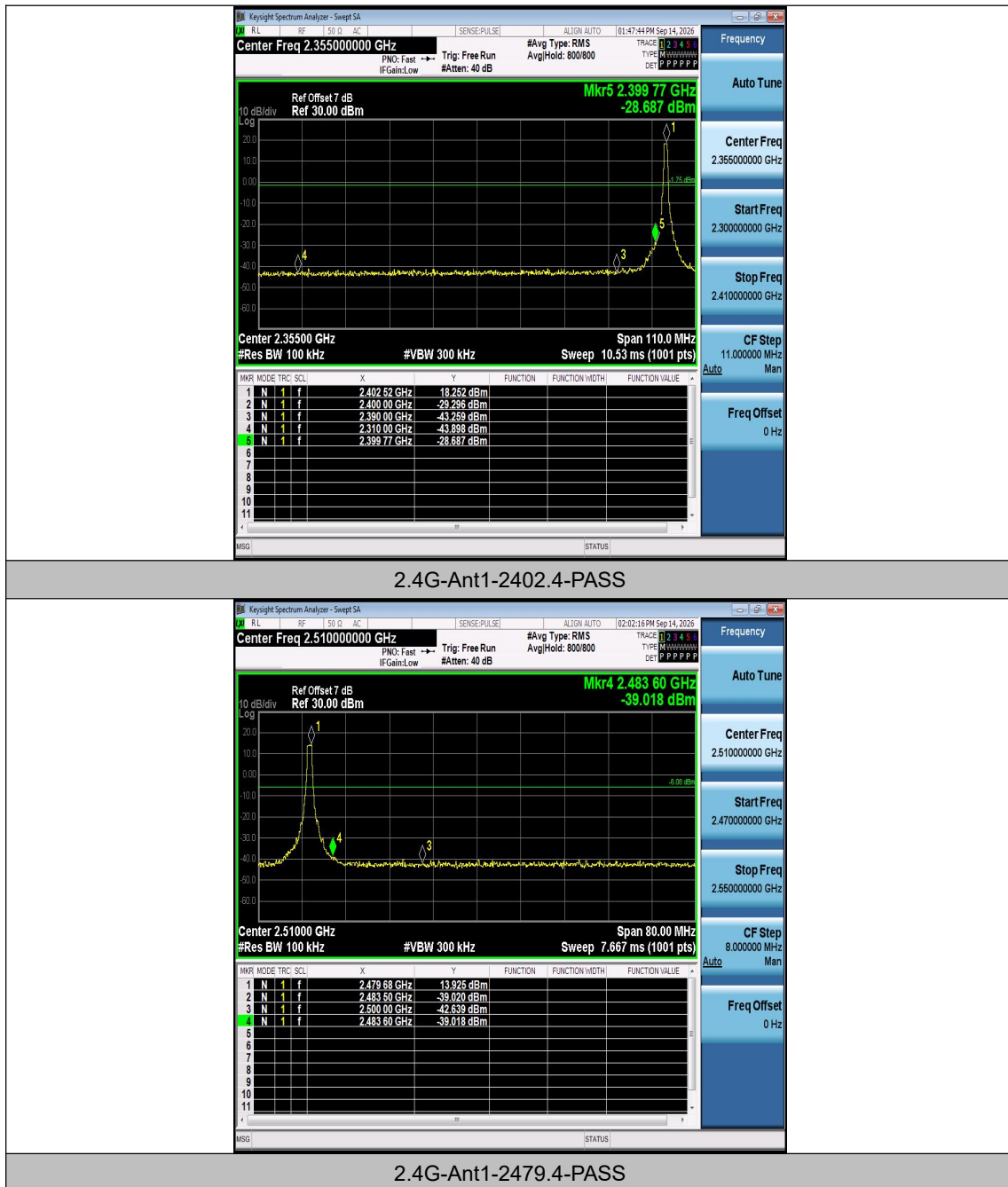


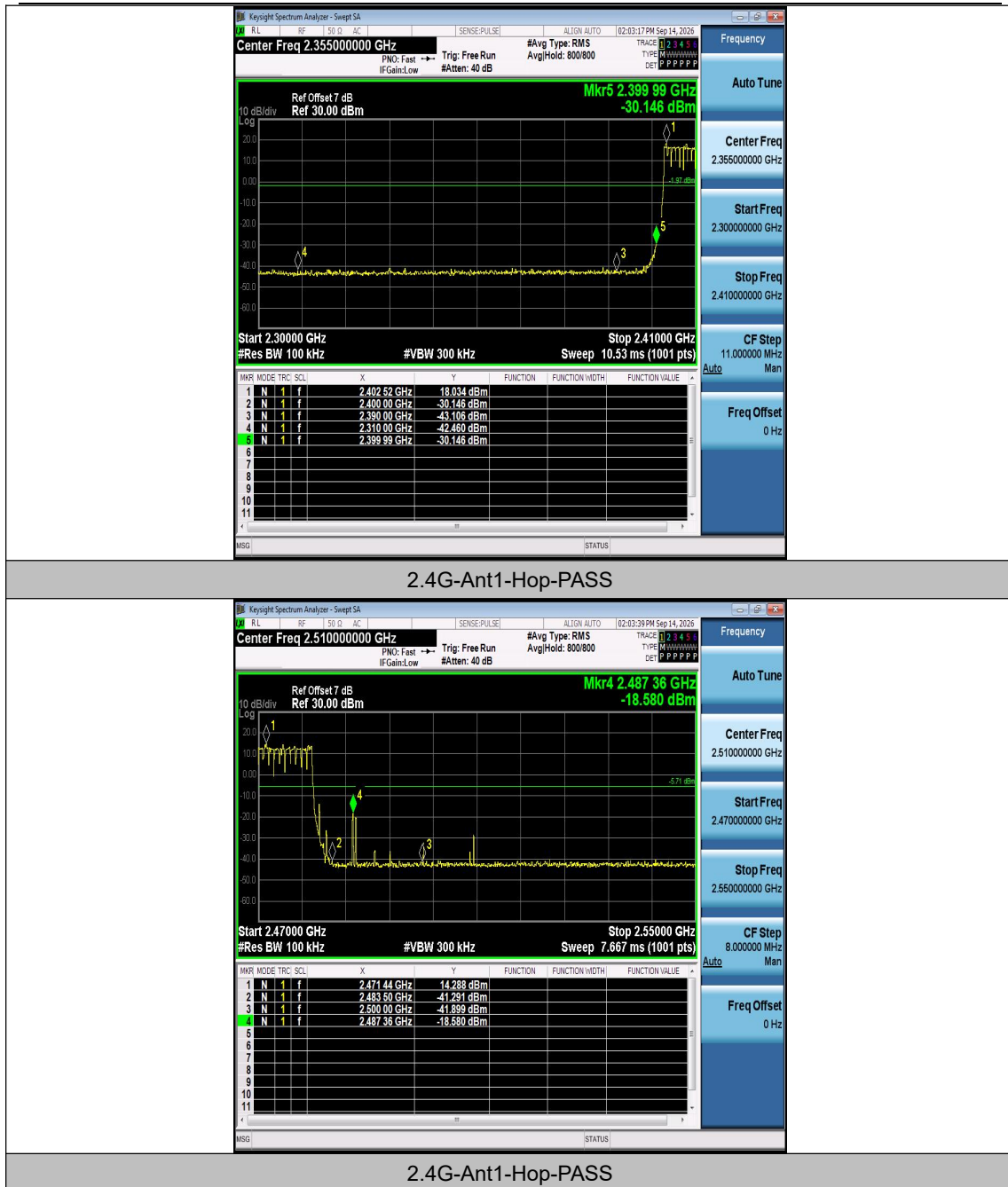
Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2402.4	18.25	-28.69	≤ -1.75	PASS
2.4G	Ant1	High	2479.4	13.93	-39.02	≤ -6.08	PASS
2.4G	Ant1	Low	Hop	18.03	-30.15	≤ -1.97	PASS
2.4G	Ant1	High	Hop	14.29	-18.58	≤ -5.71	PASS

Test Graphs





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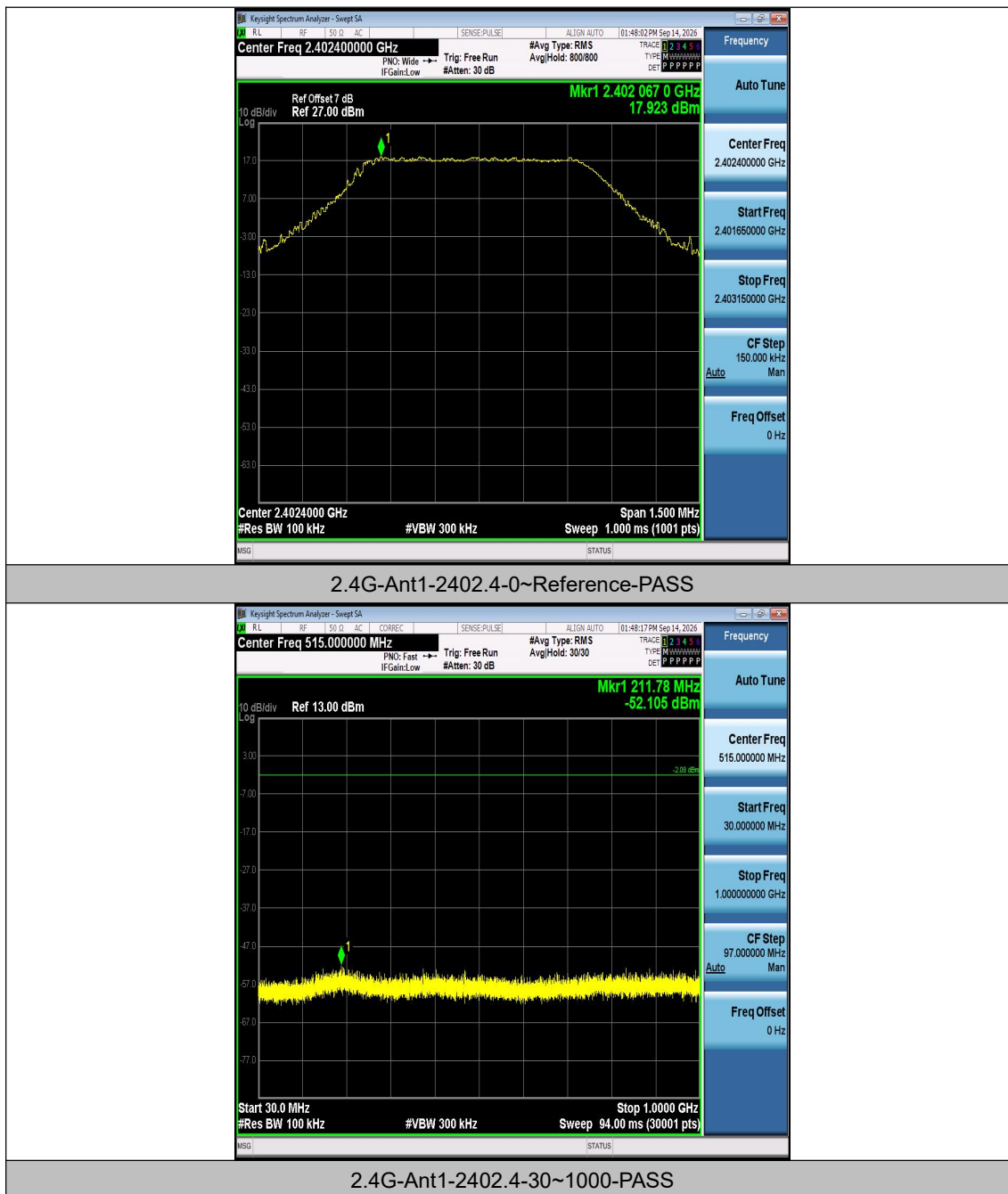
Appendix H: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2402.4	0~Reference	17.92	17.92	---	PASS
2.4G	Ant1	2402.4	30~1000	17.92	-52.11	≤-2.08	PASS
2.4G	Ant1	2402.4	1000~26500	17.92	-27.07	≤-2.08	PASS
2.4G	Ant1	2441.4	0~Reference	15.46	15.46	---	PASS
2.4G	Ant1	2441.4	30~1000	15.46	-52.43	≤-4.54	PASS
2.4G	Ant1	2441.4	1000~26500	15.46	-37.13	≤-4.54	PASS
2.4G	Ant1	2479.4	0~Reference	13.64	13.64	---	PASS
2.4G	Ant1	2479.4	30~1000	13.64	-51.2	≤-6.36	PASS
2.4G	Ant1	2479.4	1000~26500	13.64	-37.02	≤-6.36	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.

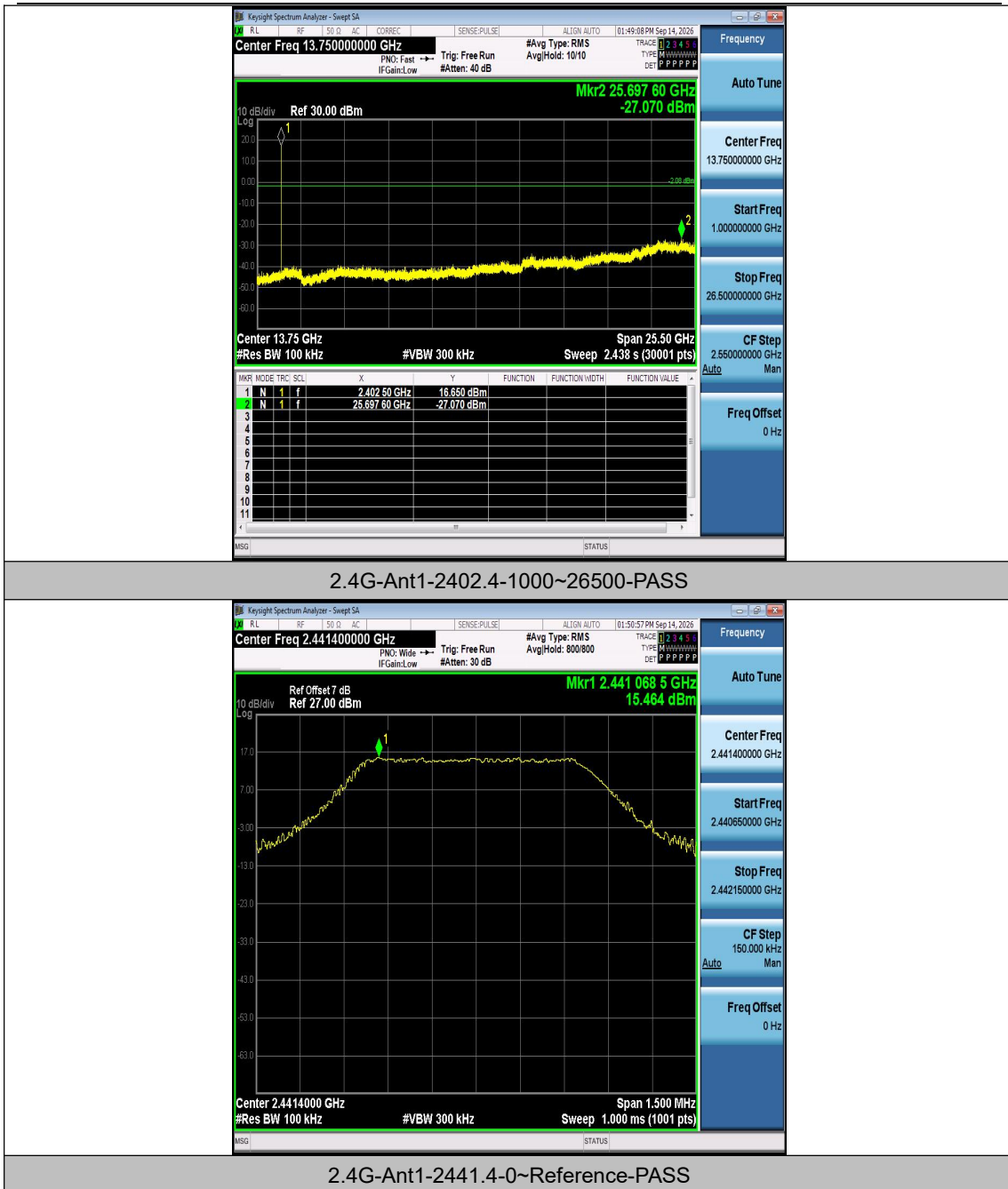
Test Graphs



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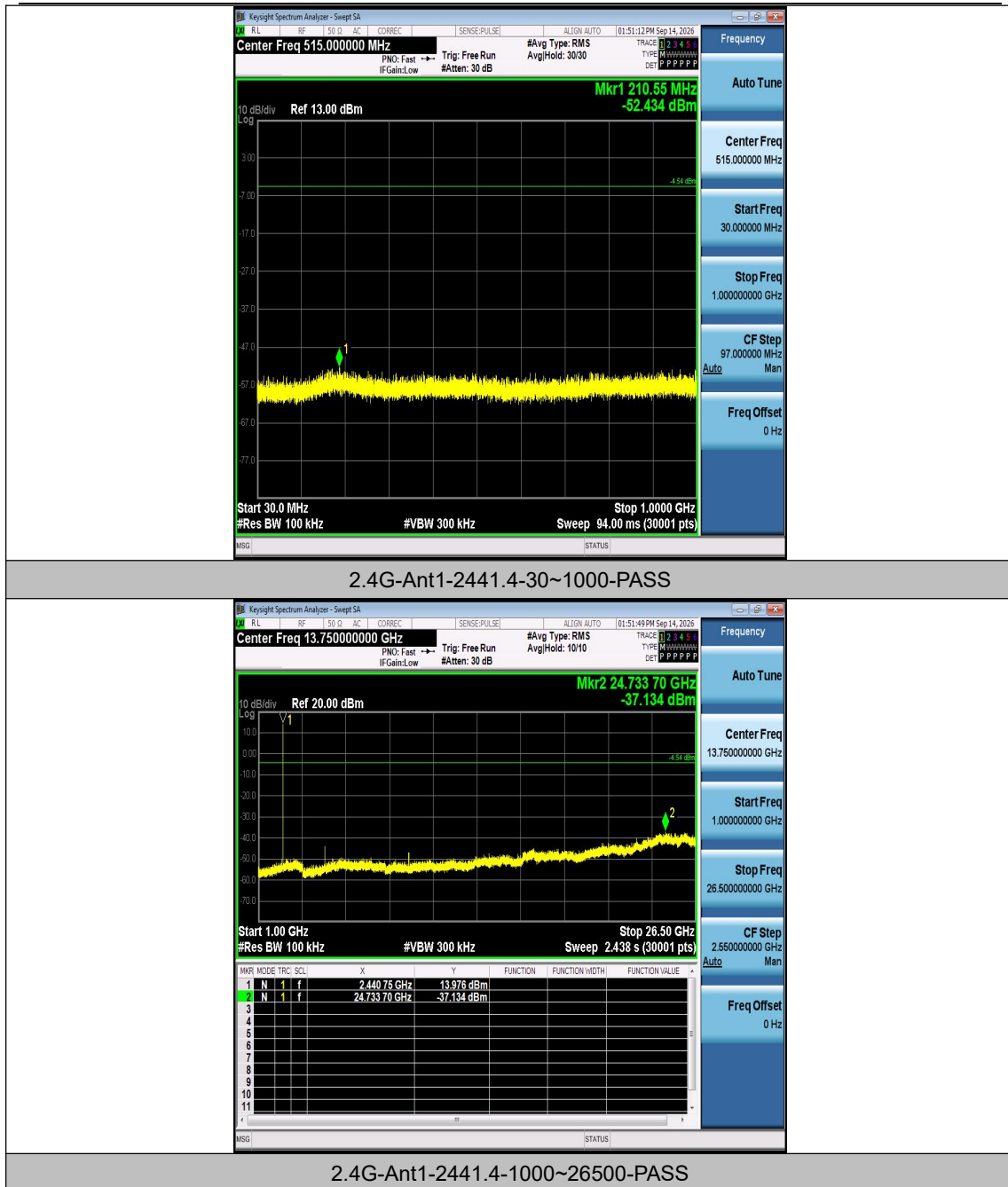
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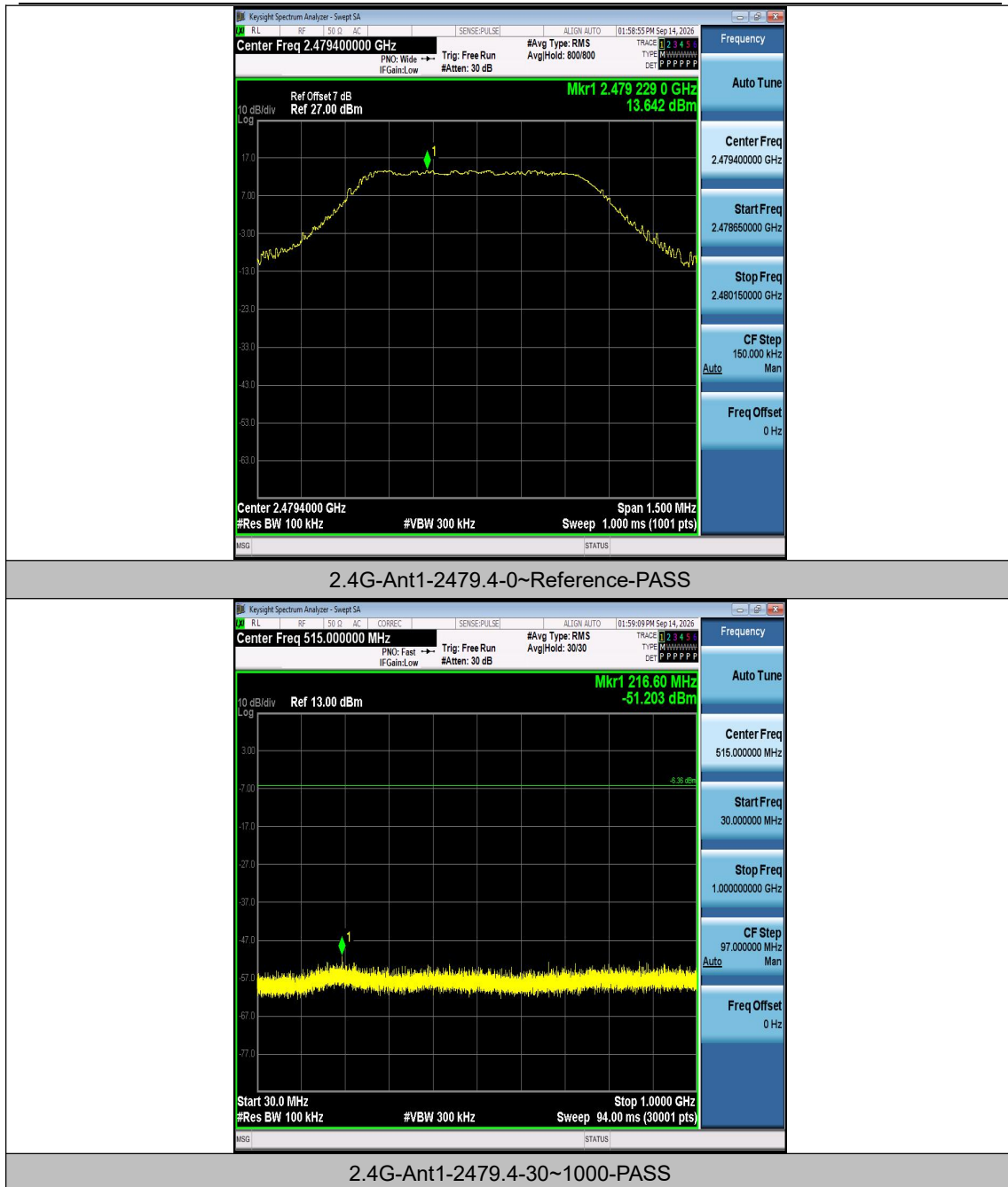
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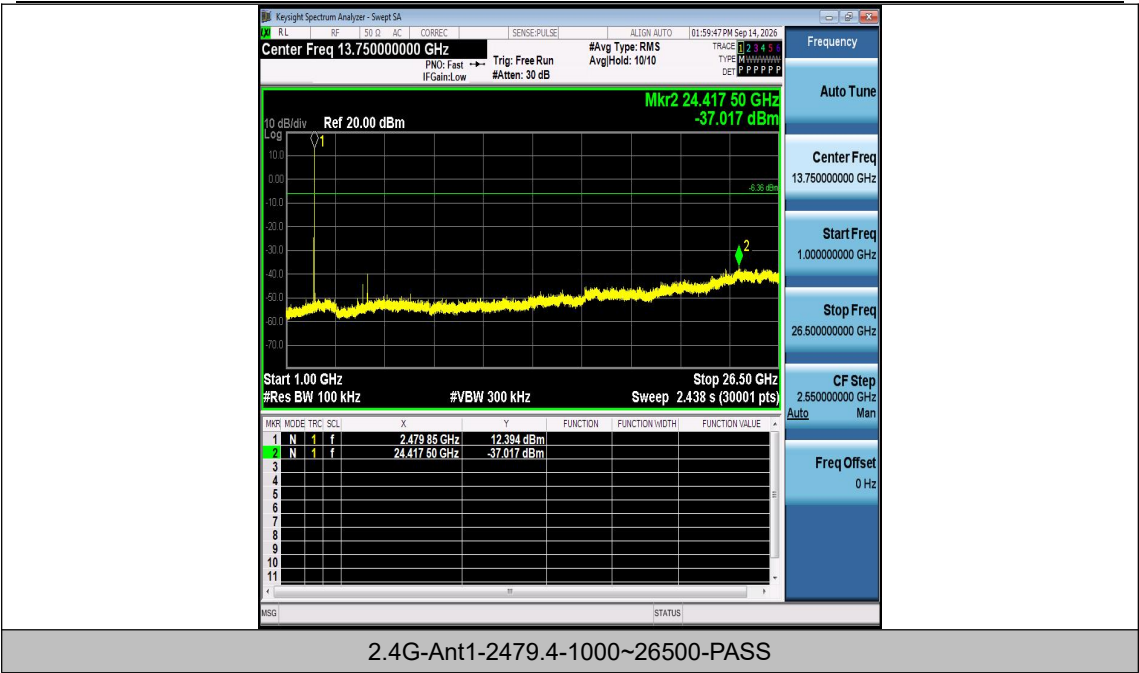
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2.4G-Ant1-2479.4-1000~26500-PASS

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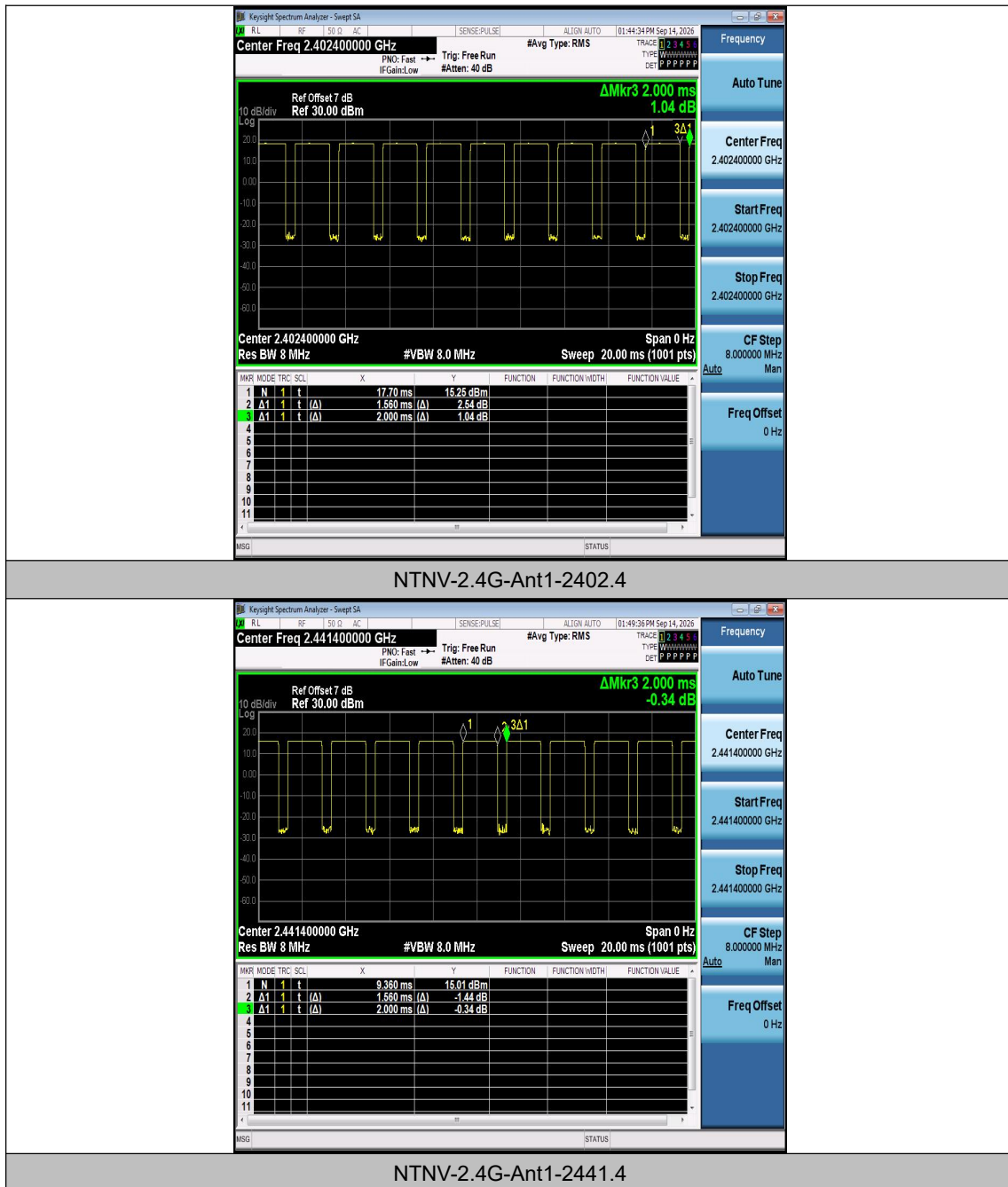
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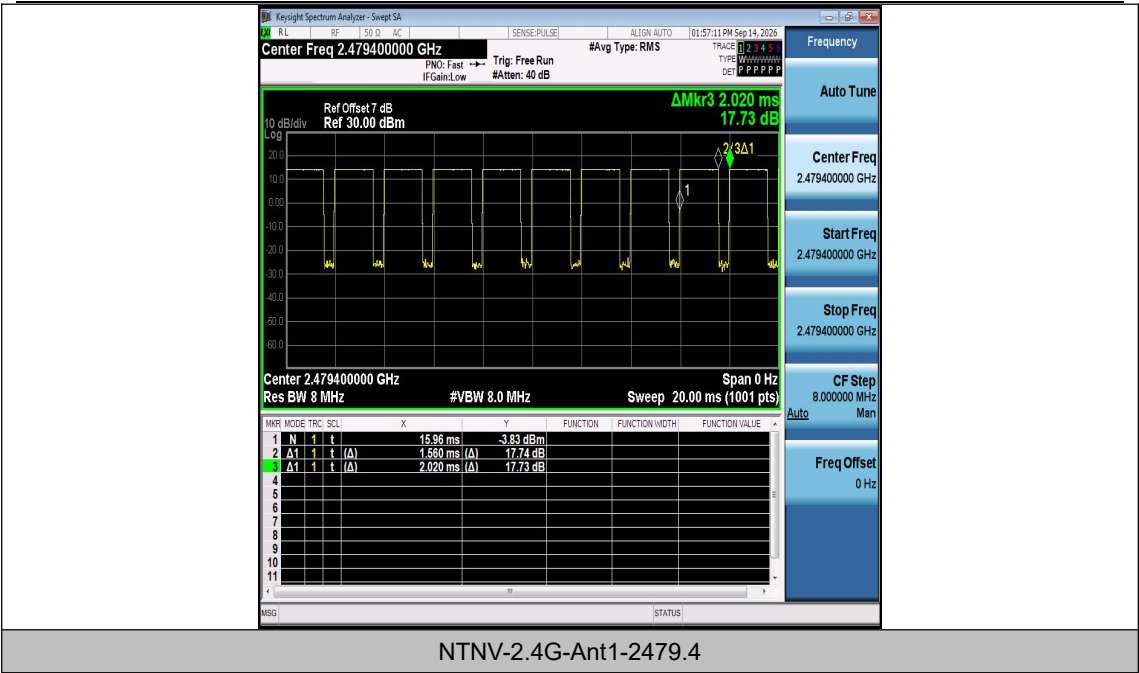
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2402.4	1.56	2.00	78.00	1.08
2.4G	Ant1	2441.4	1.56	2.00	78.00	1.08
2.4G	Ant1	2479.4	1.56	2.02	77.23	1.12

Test Graphs





NTNV-2.4G-Ant1-2479.4

---End---