

Appendix Test Data

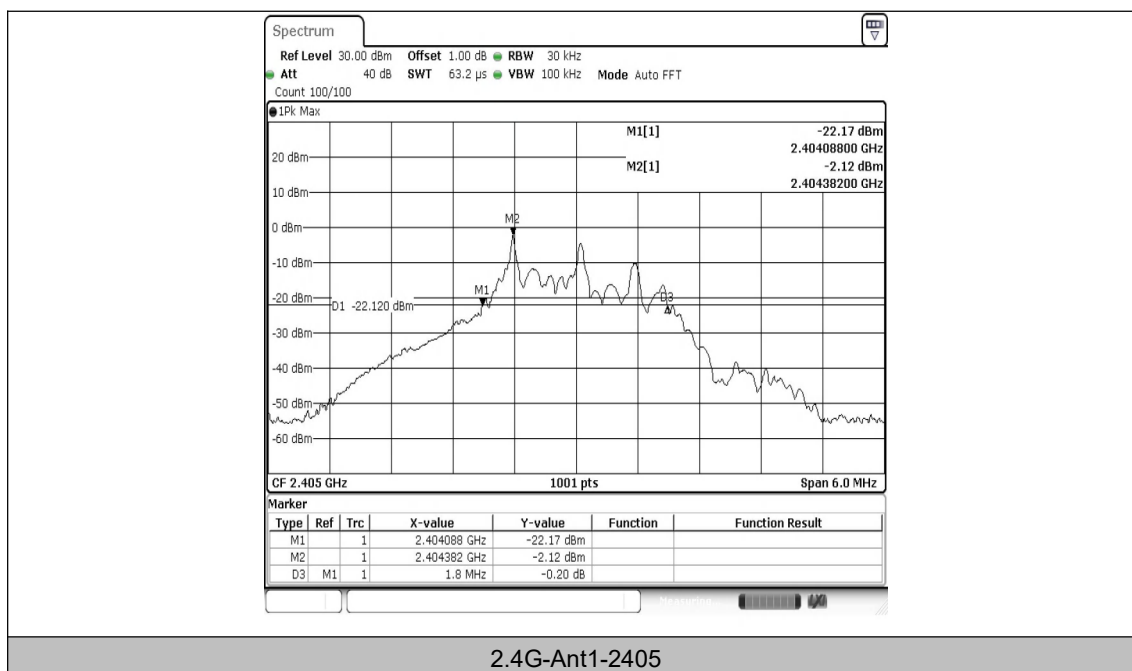
Report No.:	1812C50297912503	Test Sample No.:	1-2-2
Start Test Date:	2025-6-19	Finish Test Date:	2025-6-25
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	26.1°C	Relative Humidity:	53%
Pressure:	101kPa		

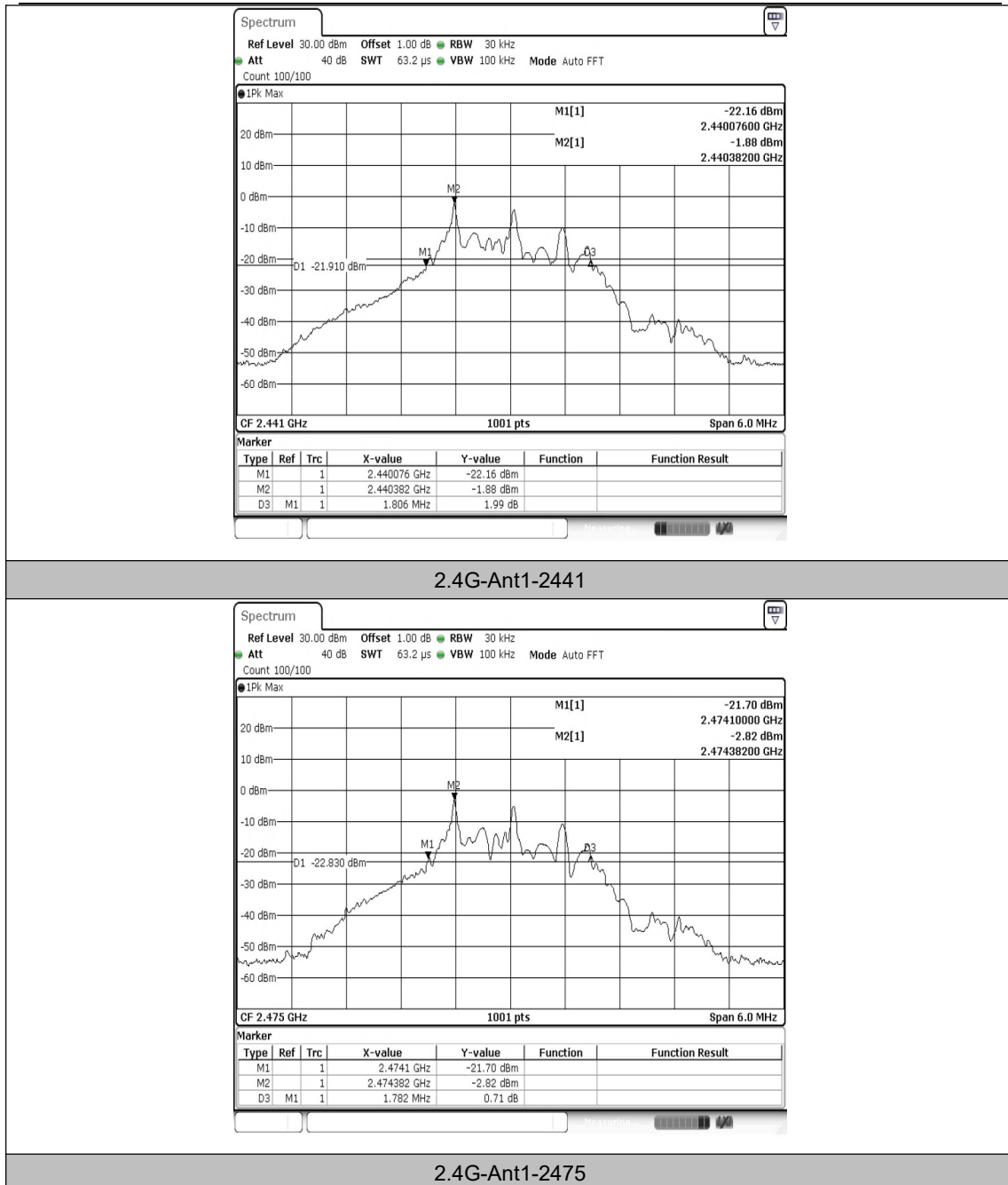
Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	1.80	2404.09	2405.89	---	---
2.4G	Ant1	2441	1.81	2440.08	2441.88	---	---
2.4G	Ant1	2475	1.78	2474.10	2475.88	---	---

Test Graphs





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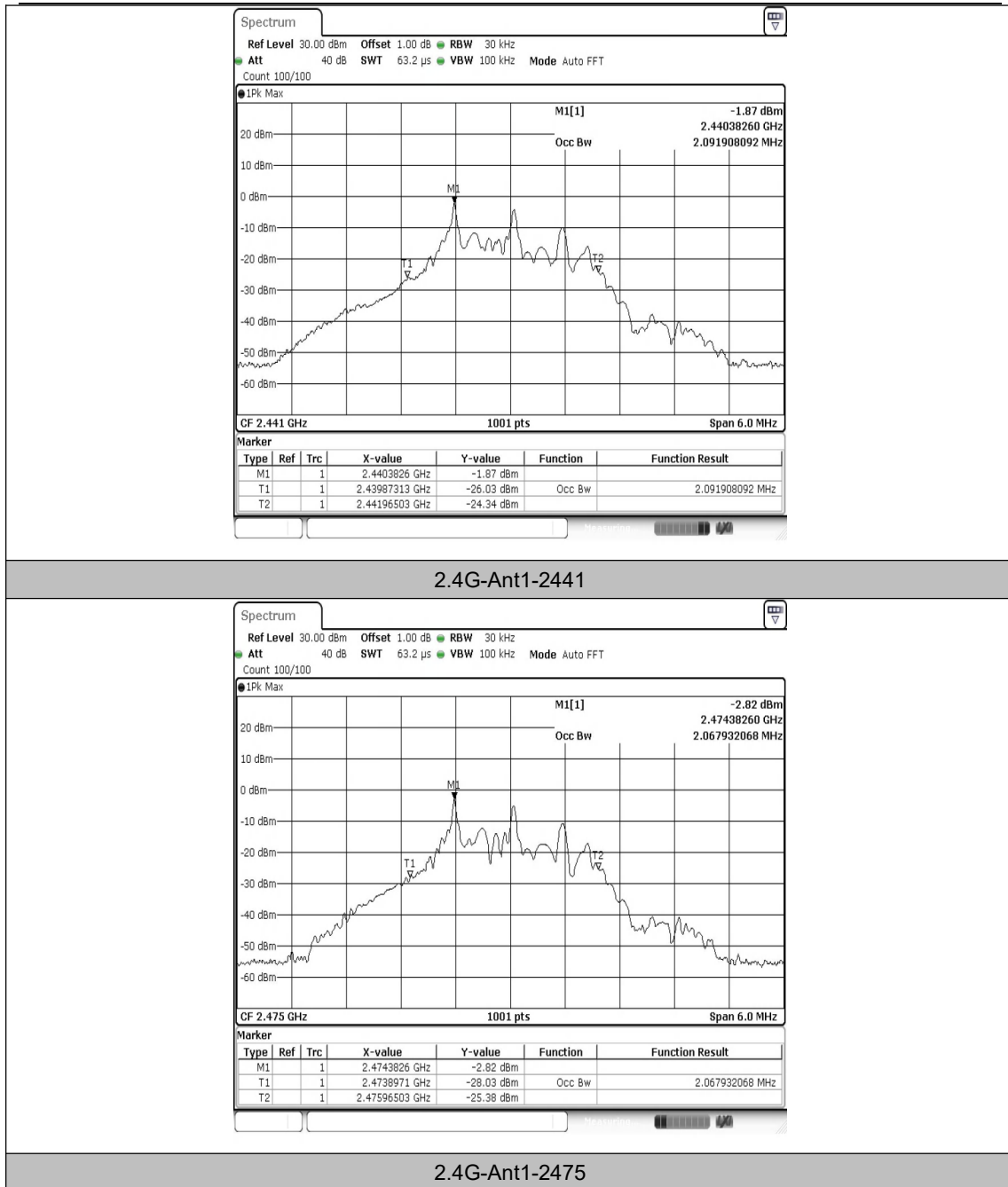
Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant1	2405	2.1159	2403.8432	2405.9590	---	---
2.4G	Ant1	2441	2.0919	2439.8731	2441.9650	---	---
2.4G	Ant1	2475	2.0679	2473.8971	2475.9650	---	---

Test Graphs



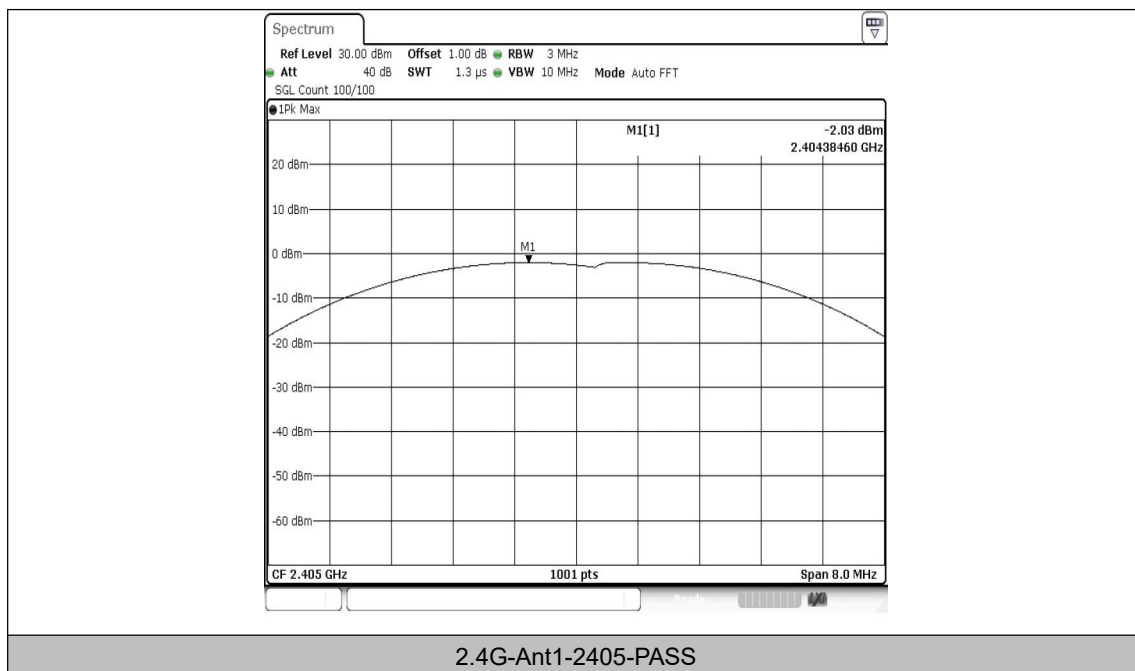


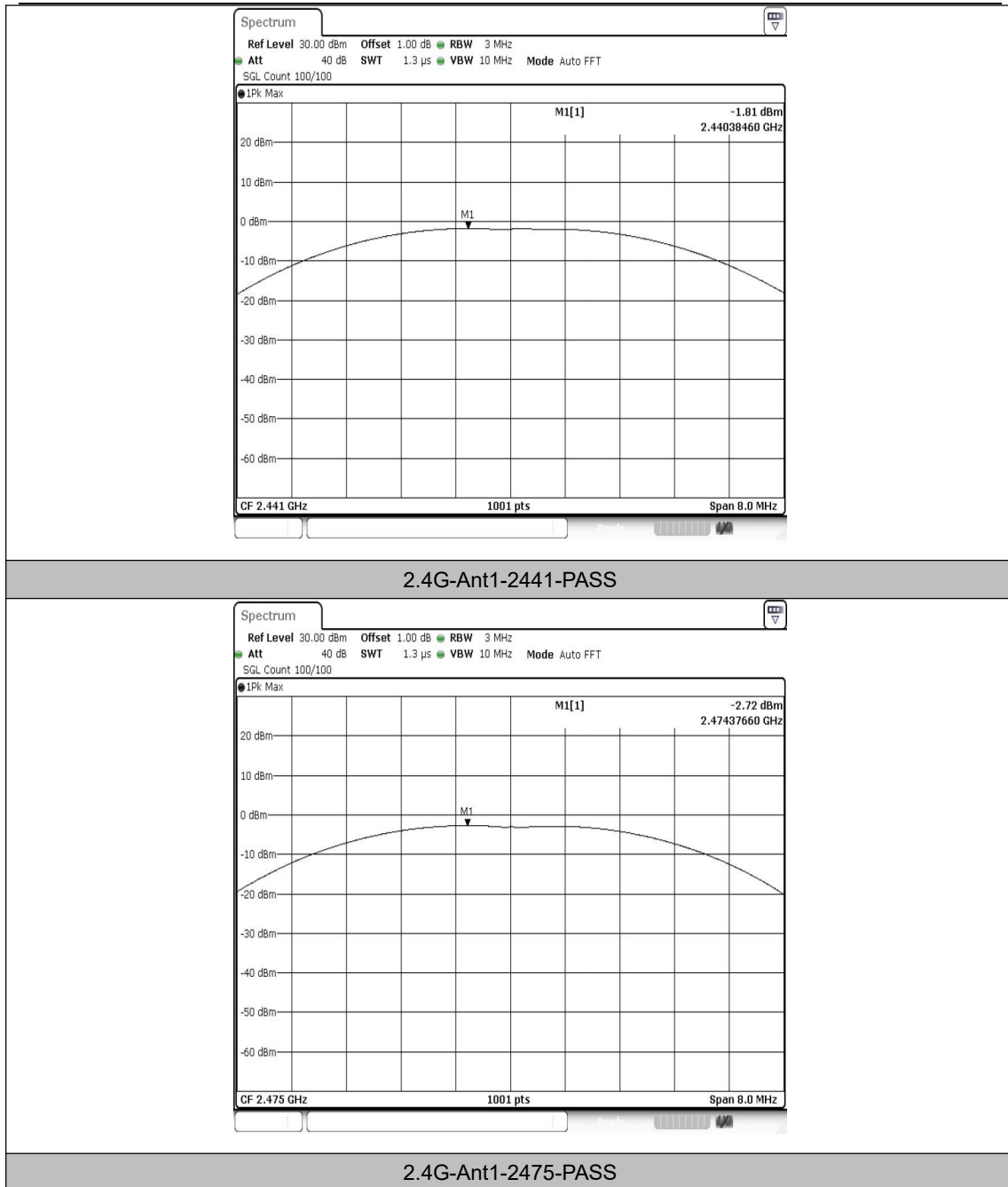
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant1	2405	-2.03	≤20.97	PASS
2.4G	Ant1	2441	-1.81	≤20.97	PASS
2.4G	Ant1	2475	-2.72	≤20.97	PASS

Test Graphs





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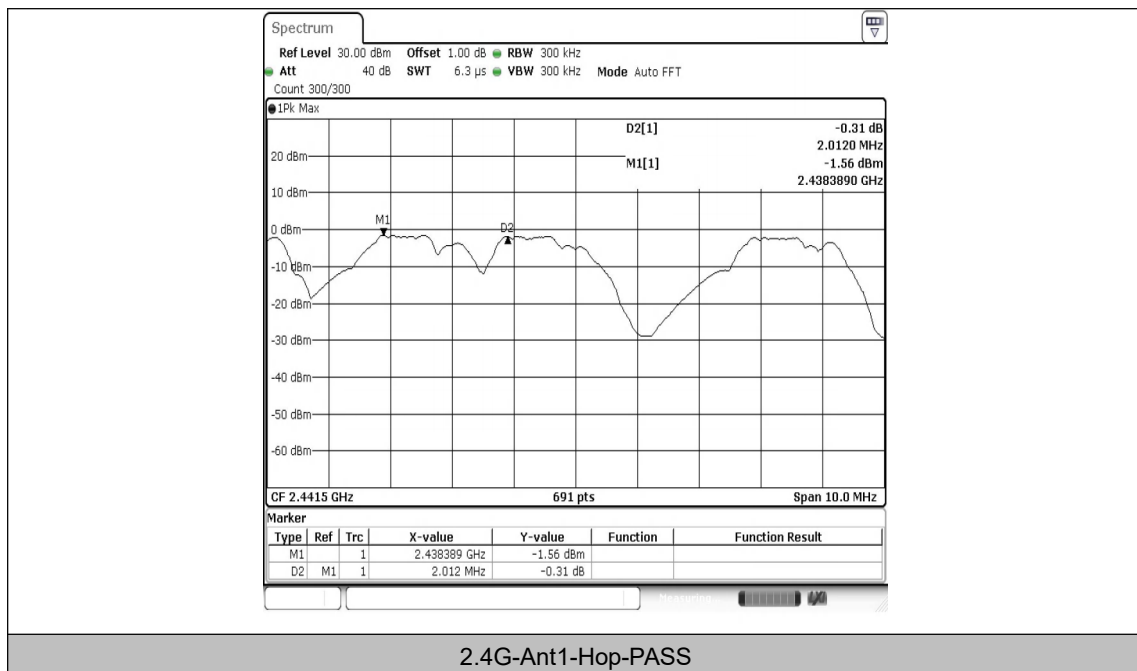
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant1	Hop	2.012	≥1.207	PASS

Test Graphs

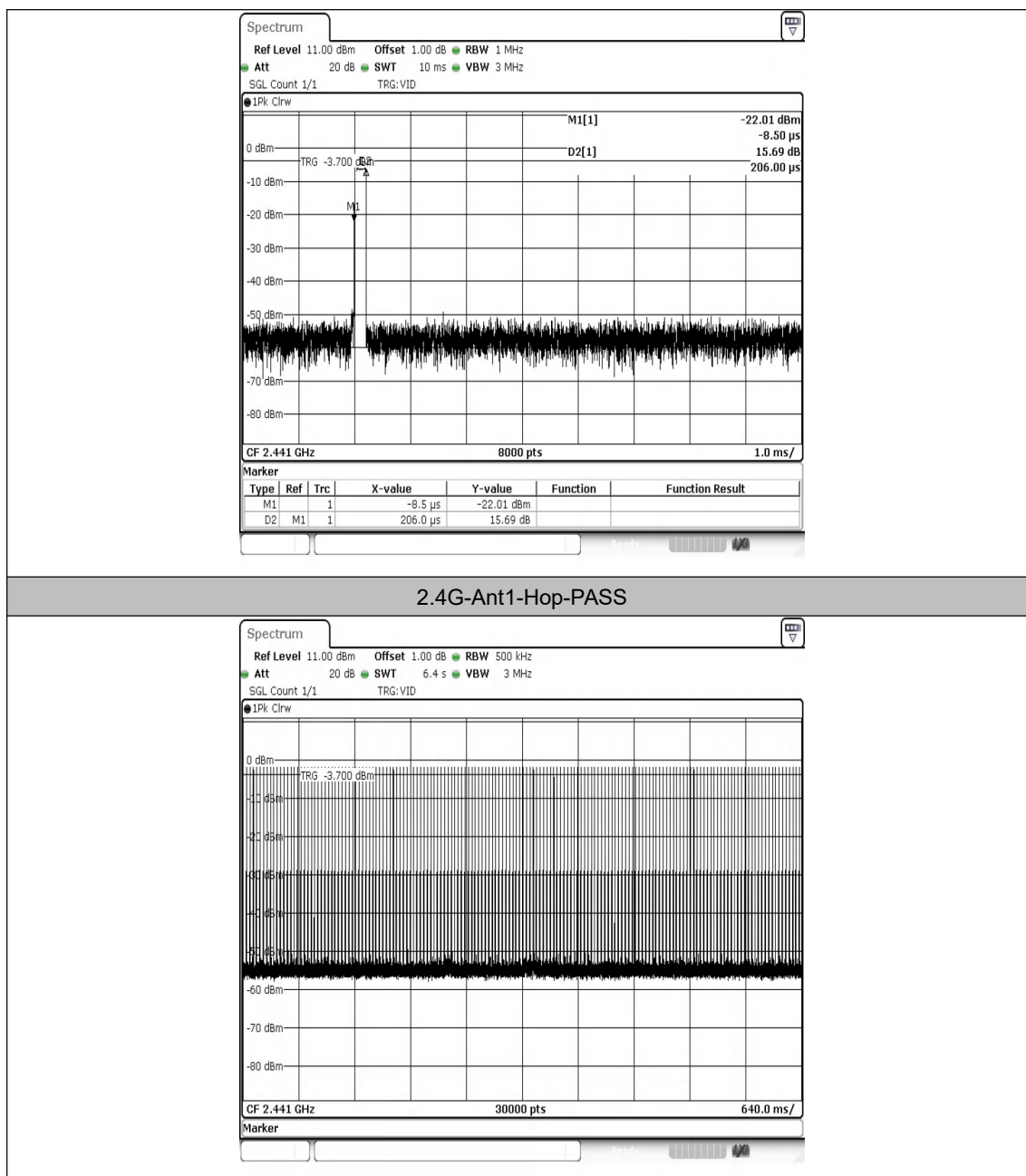


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant1	Hop	0.206	164	0.034	≤0.4	PASS

Test Graphs

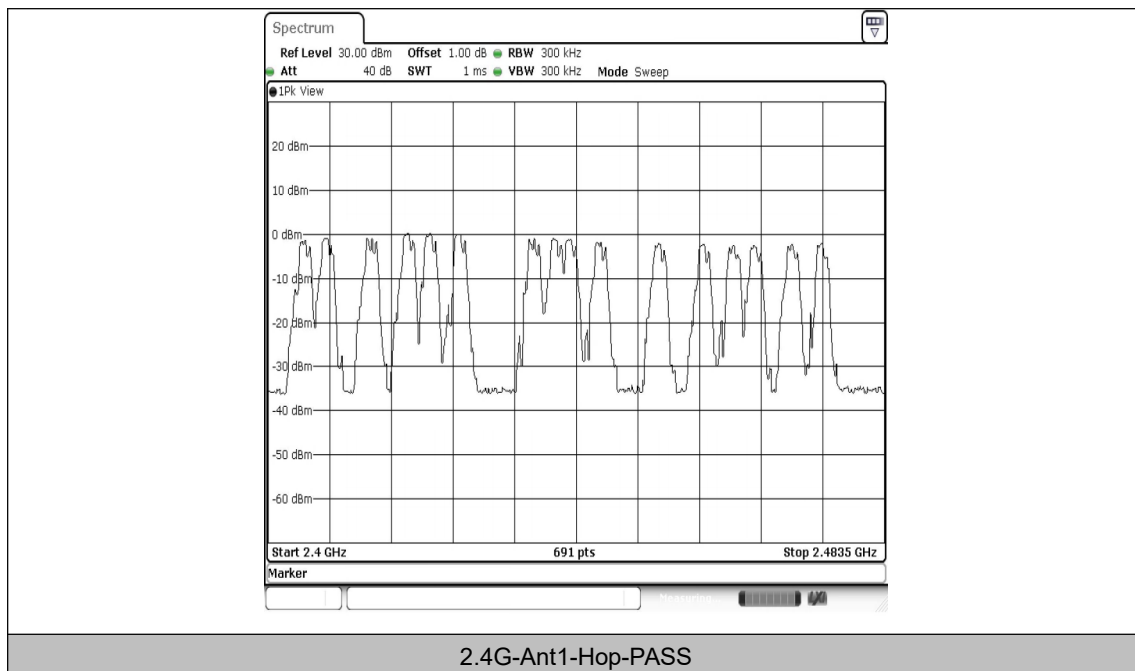


Appendix F: Number of Hopping Channel

Test Result

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

Test Graphs



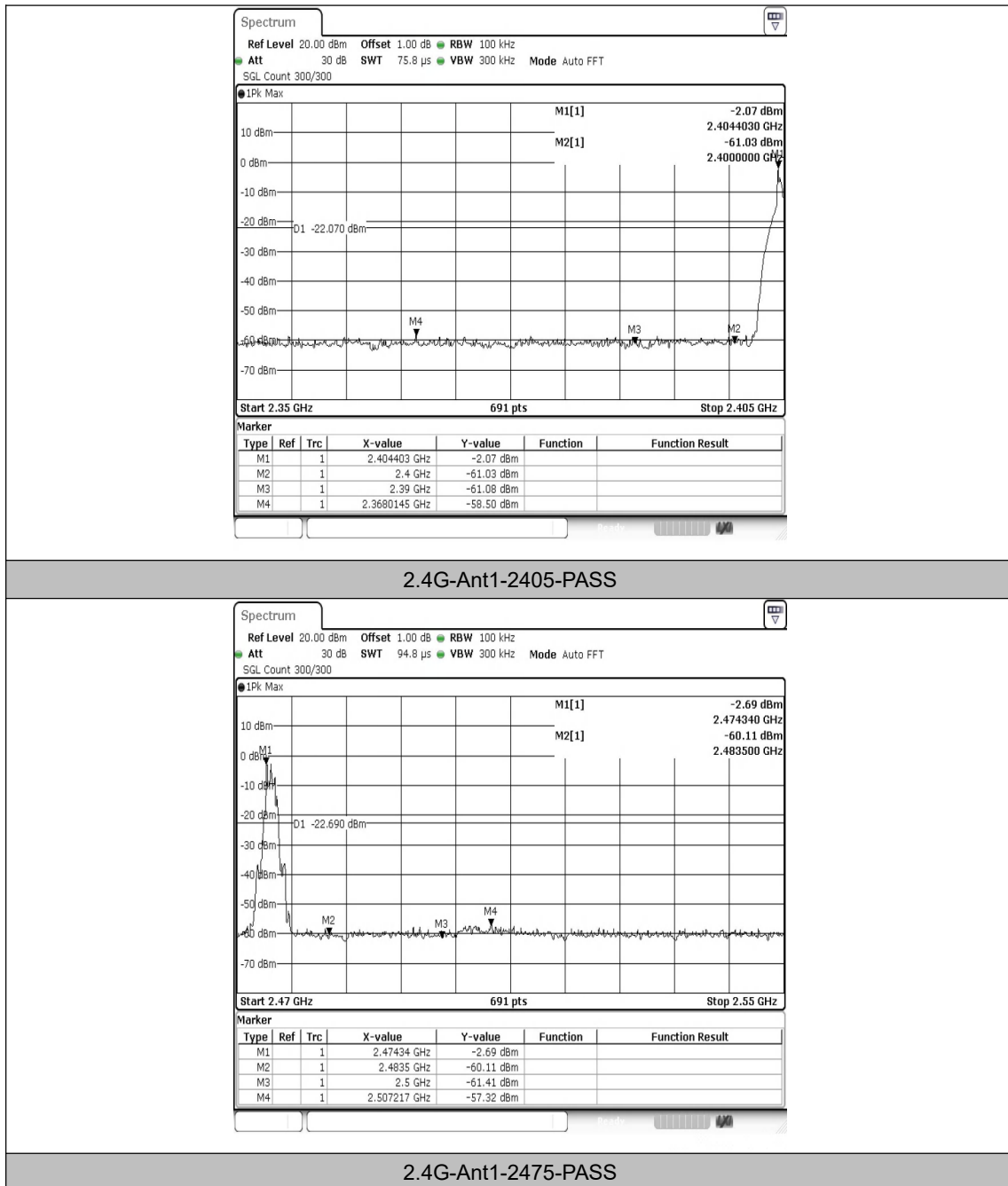
Appendix G: Conducted Band edge

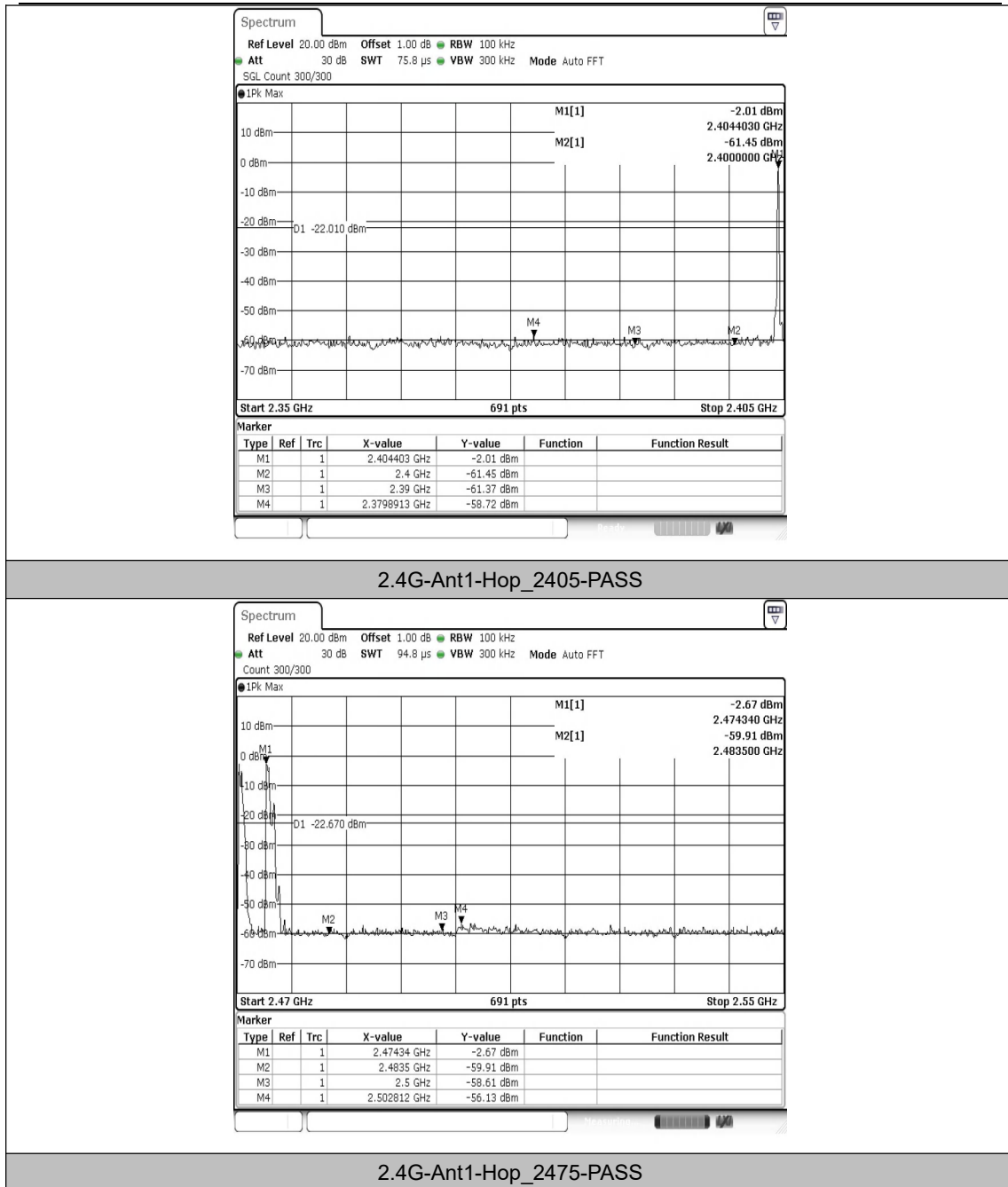
Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	Low	2405	-2.07	-58.5	≤-22.07	PASS
2.4G	Ant1	High	2475	-2.69	-57.32	≤-22.69	PASS
2.4G	Ant1	Low	Hop_2405	-2.01	-58.72	≤-22.01	PASS
2.4G	Ant1	High	Hop_2475	-2.67	-56.13	≤-22.67	PASS

Remark:1. 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





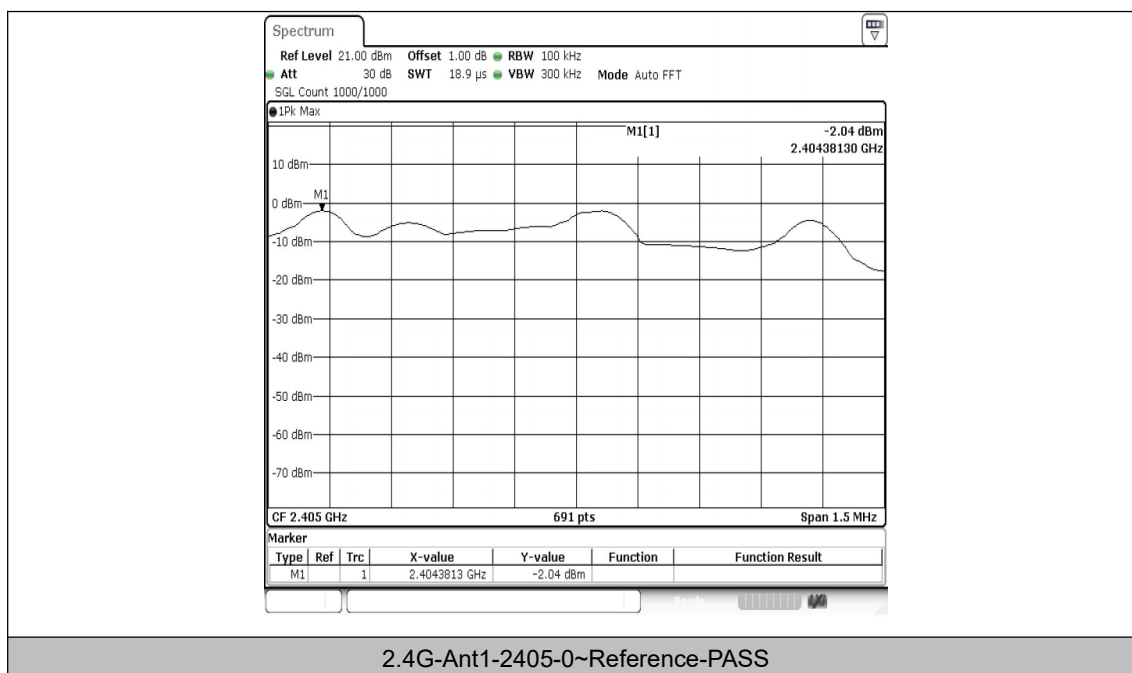
Appendix H: Conducted Spurious Emission

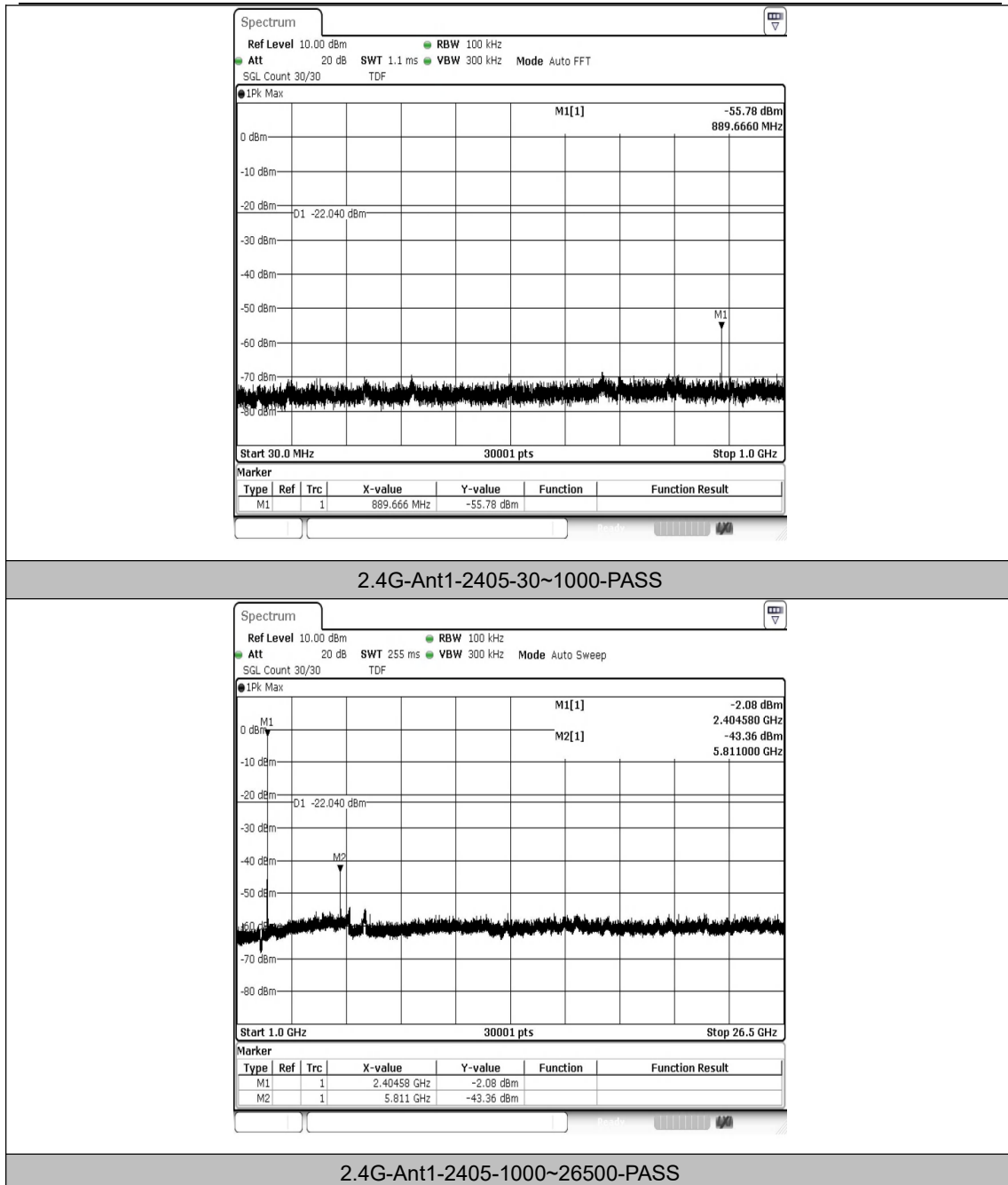
Test Result

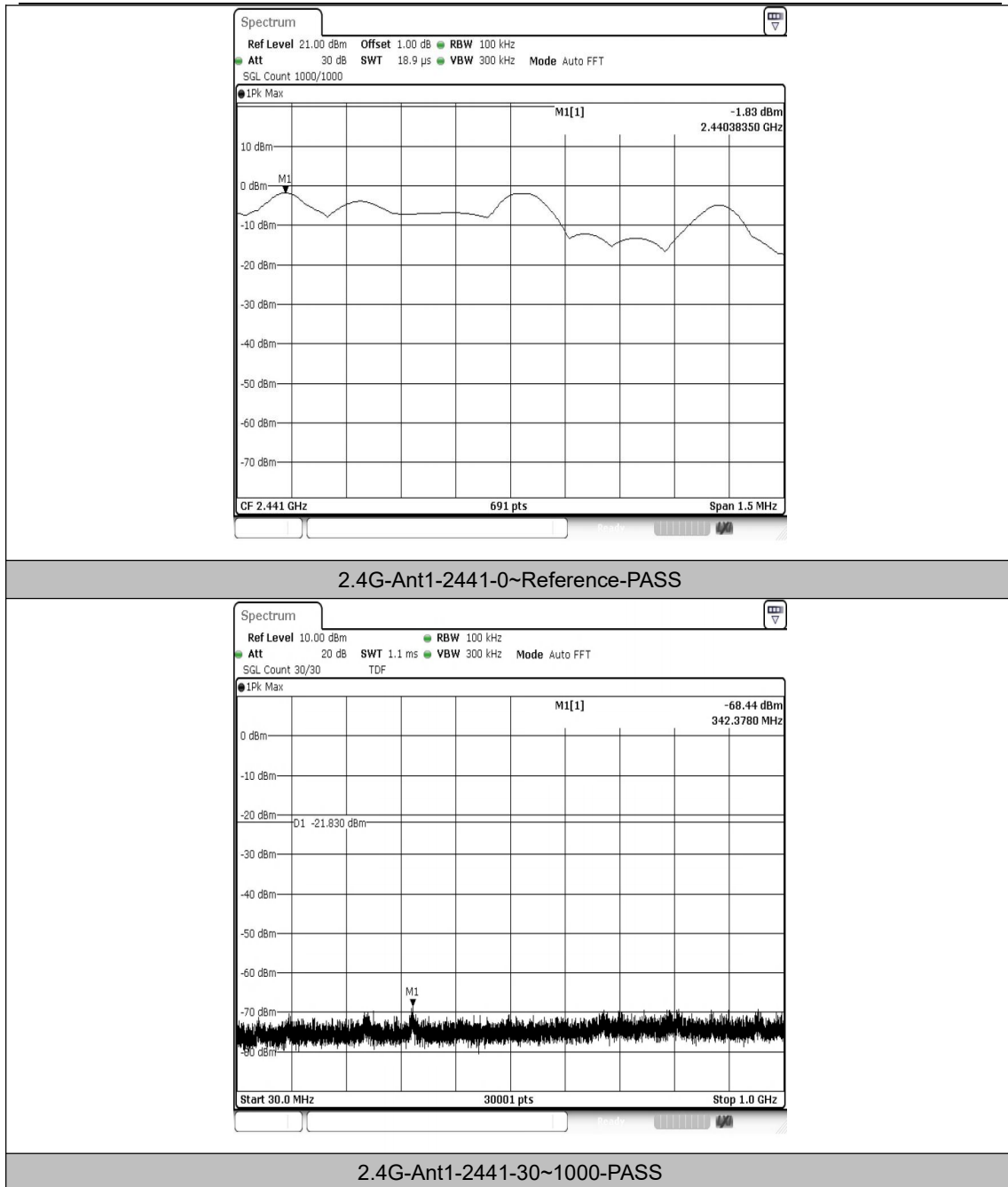
Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant1	2405	0~Reference	-2.04	-2.04	---	PASS
2.4G	Ant1	2405	30~1000	-2.04	-55.78	≤-22.04	PASS
2.4G	Ant1	2405	1000~26500	-2.04	-43.36	≤-22.04	PASS
2.4G	Ant1	2441	0~Reference	-1.83	-1.83	---	PASS
2.4G	Ant1	2441	30~1000	-1.83	-68.44	≤-21.83	PASS
2.4G	Ant1	2441	1000~26500	-1.83	-49.56	≤-21.83	PASS
2.4G	Ant1	2475	0~Reference	-2.72	-2.72	---	PASS
2.4G	Ant1	2475	30~1000	-2.72	-67.9	≤-22.72	PASS
2.4G	Ant1	2475	1000~26500	-2.72	-55.05	≤-22.72	PASS

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

Test Graphs



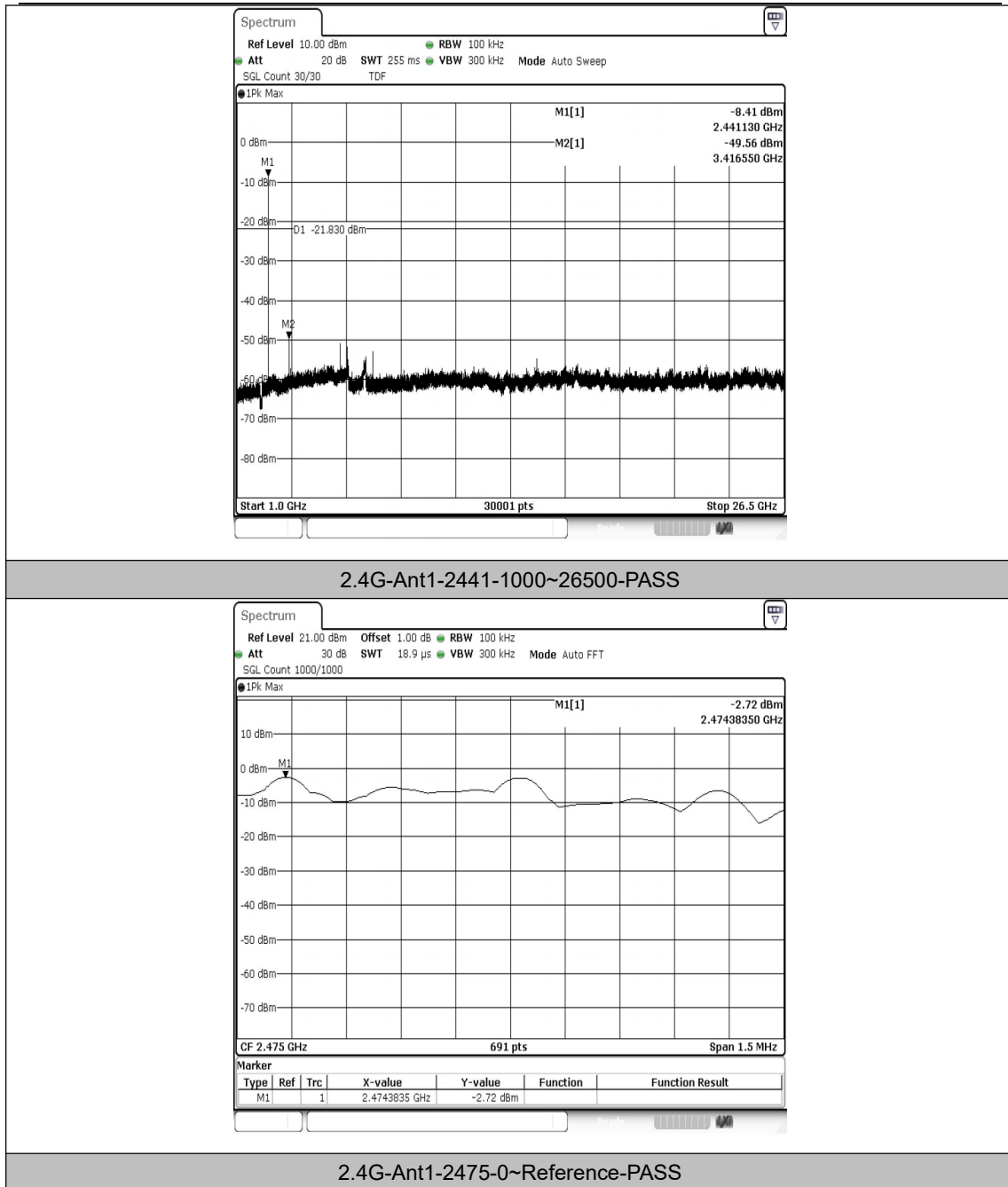




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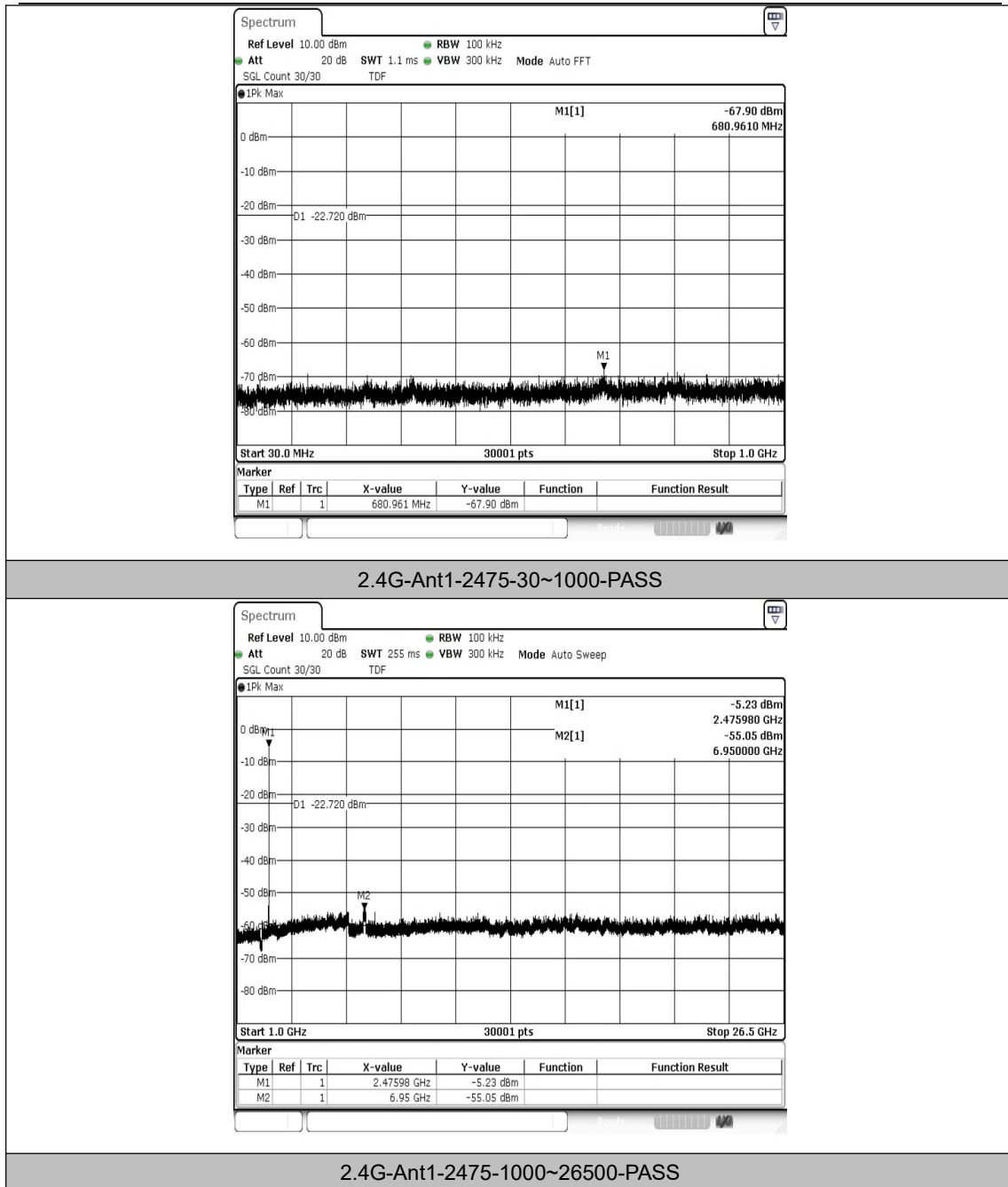
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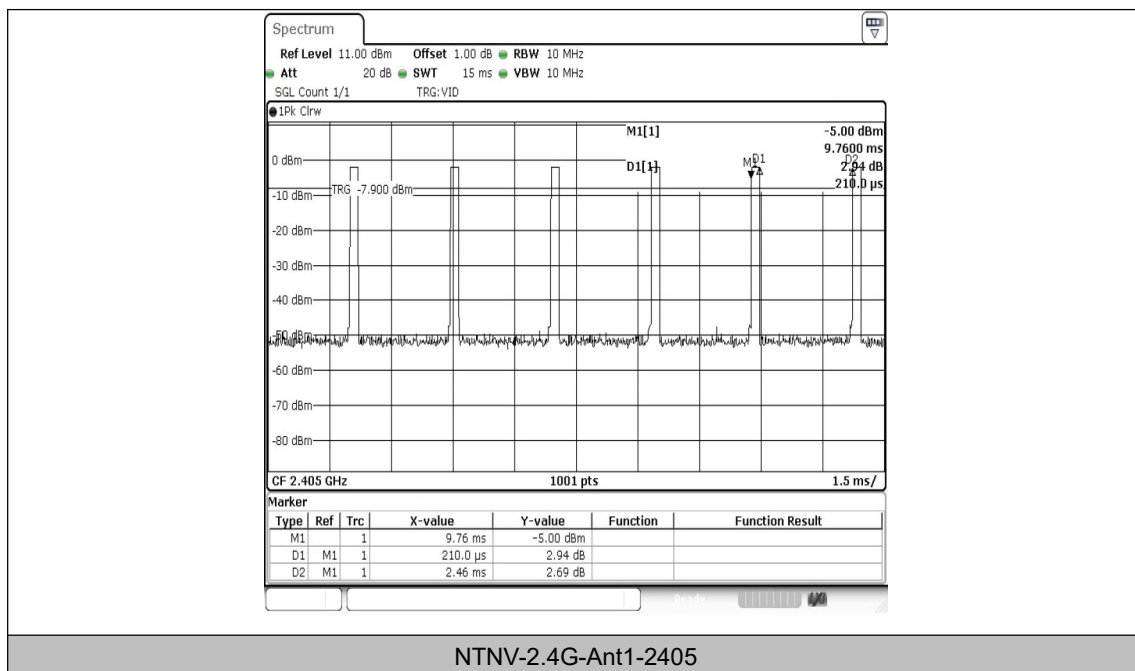
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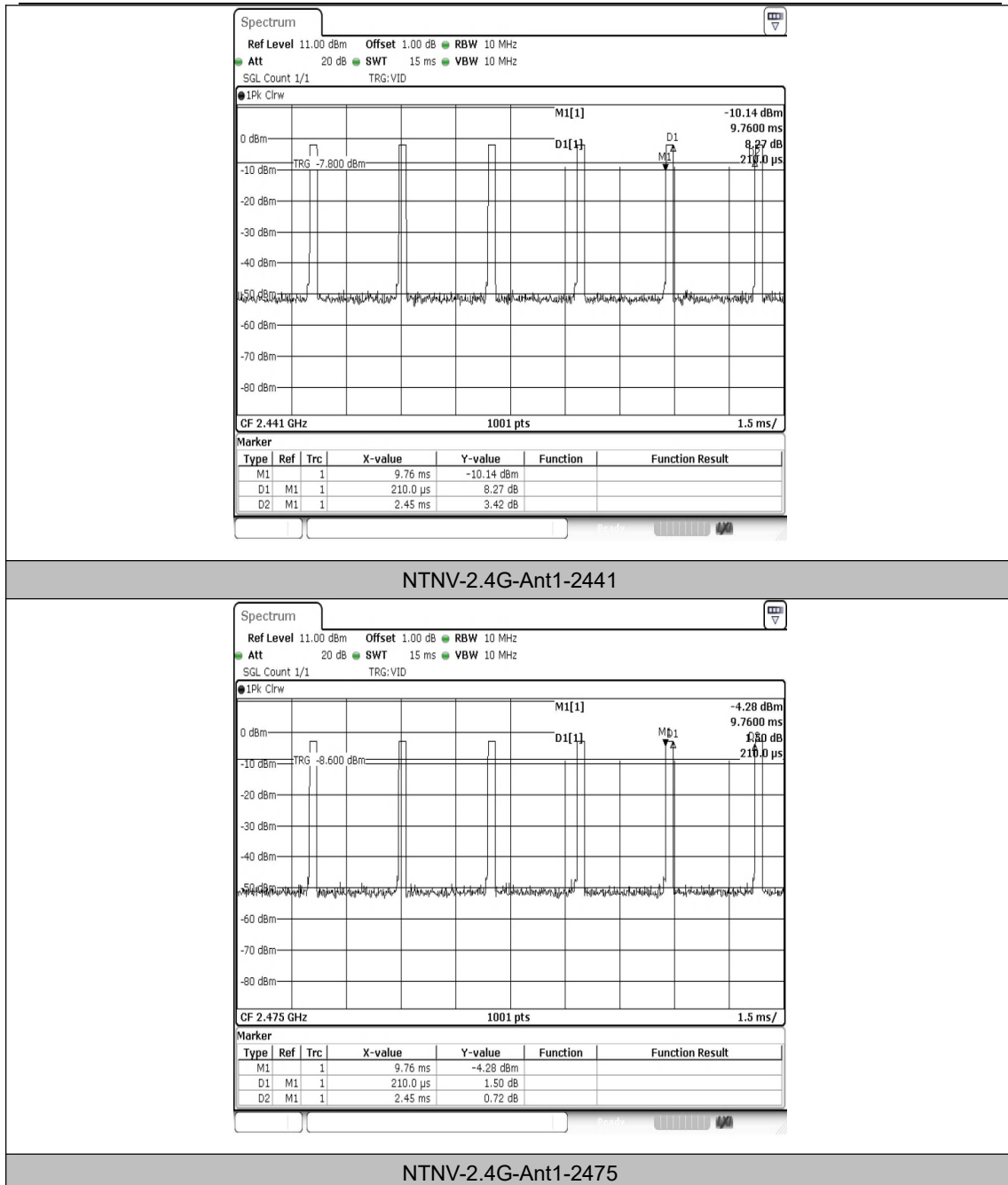
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant1	2405	0.21	2.46	8.54	10.69
2.4G	Ant1	2441	0.21	2.45	8.57	10.67
2.4G	Ant1	2475	0.21	2.45	8.57	10.67

Test Graphs





---End---