

Appendix Test Data

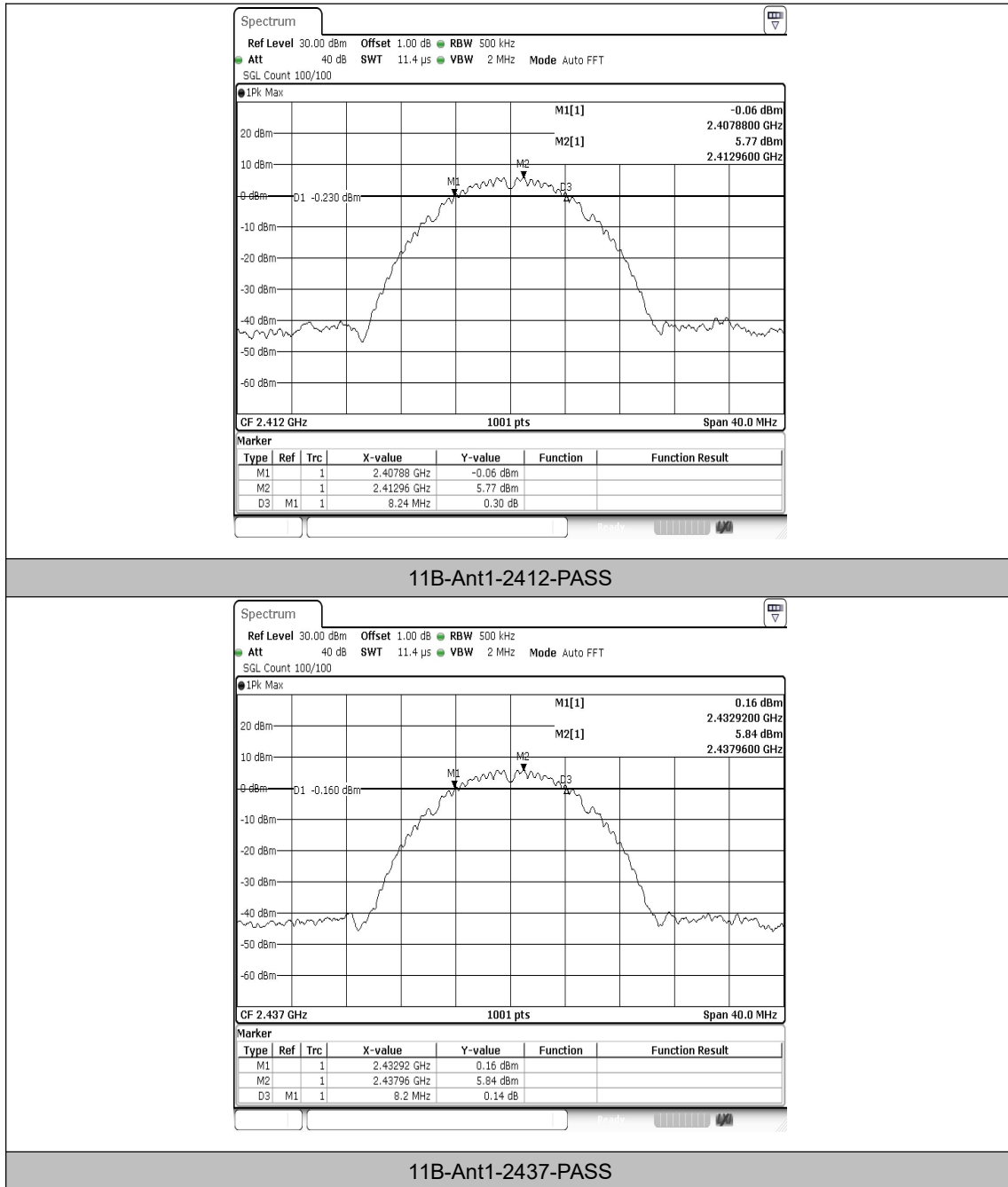
Report No.:	1812C50485912501	Test Sample No.:	1-2-2
Start Test Date:	2025-09-18	Finish Test Date:	2025-09-18
Test Engineer:	<i>dylan. Ma</i>	Auditor:	<i>Justin Feng</i>
Temperature:	24.7°C	Relative Humidity:	60%
Pressure:	101kPa		

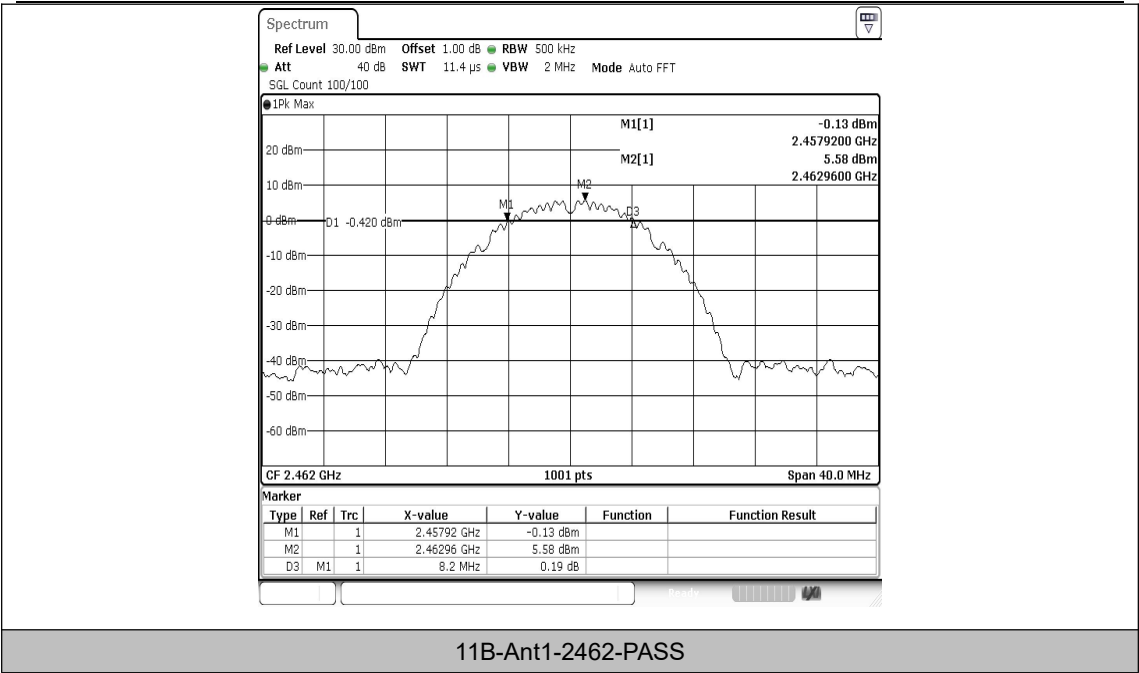
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.24	2407.88	2416.12	0.5	PASS
11B	Ant1	2437	8.20	2432.92	2441.12	0.5	PASS
11B	Ant1	2462	8.20	2457.92	2466.12	0.5	PASS

Test Graphs





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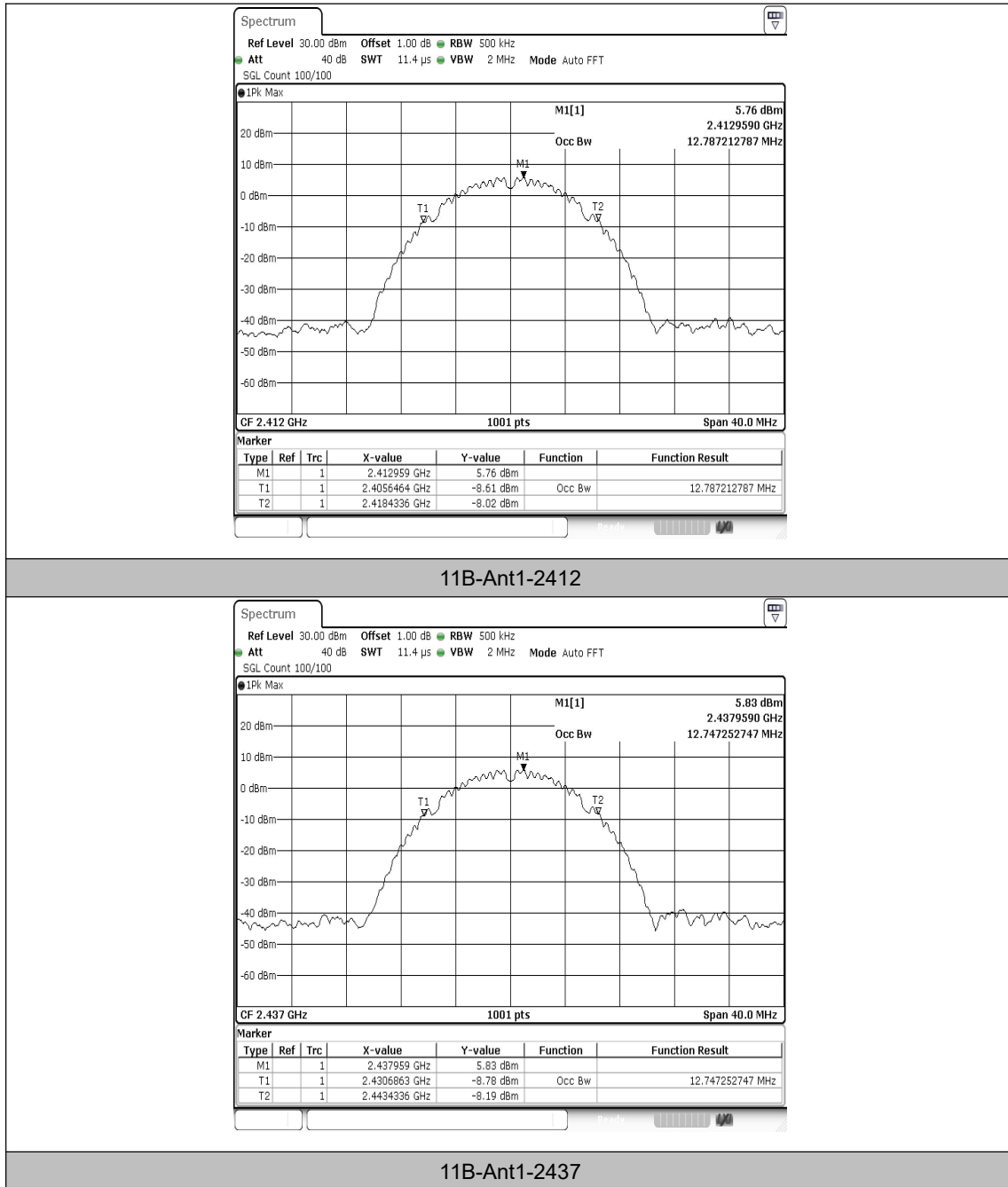
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Appendix B: 99% Occupied Bandwidth**Test Result**

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.787	2405.6464	2418.4336	---	---
11B	Ant1	2437	12.747	2430.6863	2443.4336	---	---
11B	Ant1	2462	12.707	2455.7263	2468.4336	---	---

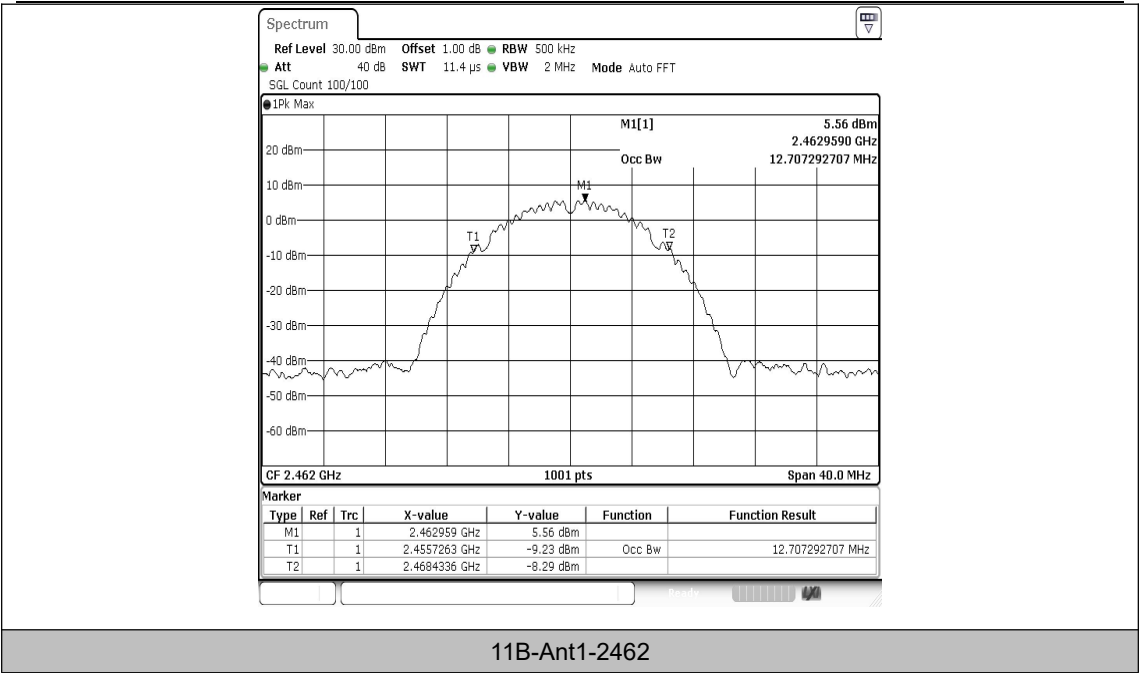
Test Graphs



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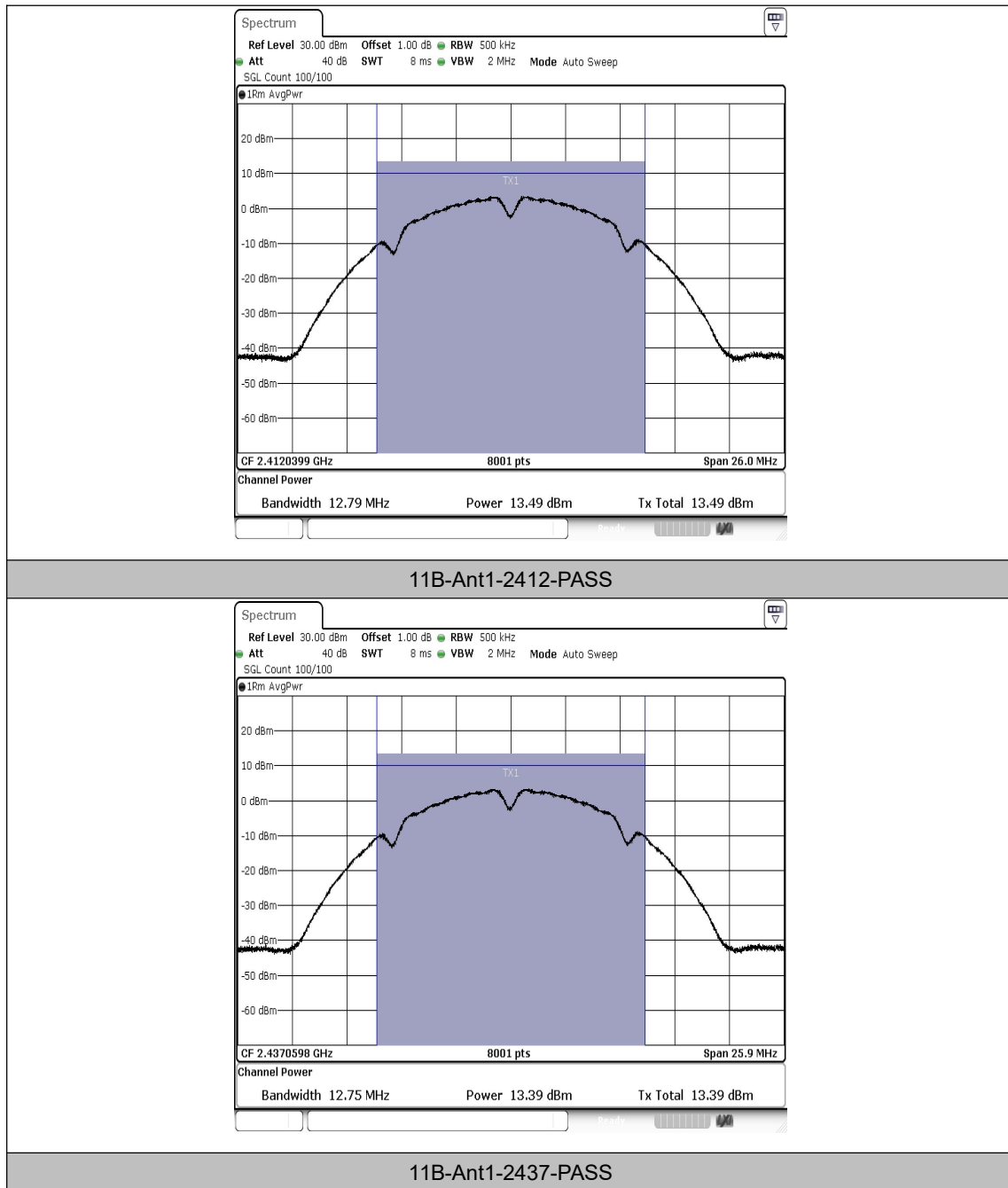
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Appendix C: Maximum conducted output power**Test Result Average**

Test Mode	Antenna	Frequency [MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	NA	13.49	100.00	0.00	13.49	≤30.00	PASS
11B	Ant1	2437	NA	13.39	100.00	0.00	13.39	≤30.00	PASS
11B	Ant1	2462	NA	13.25	100.00	0.00	13.25	≤30.00	PASS

Note: 1. The cable loss are compensated in the graph

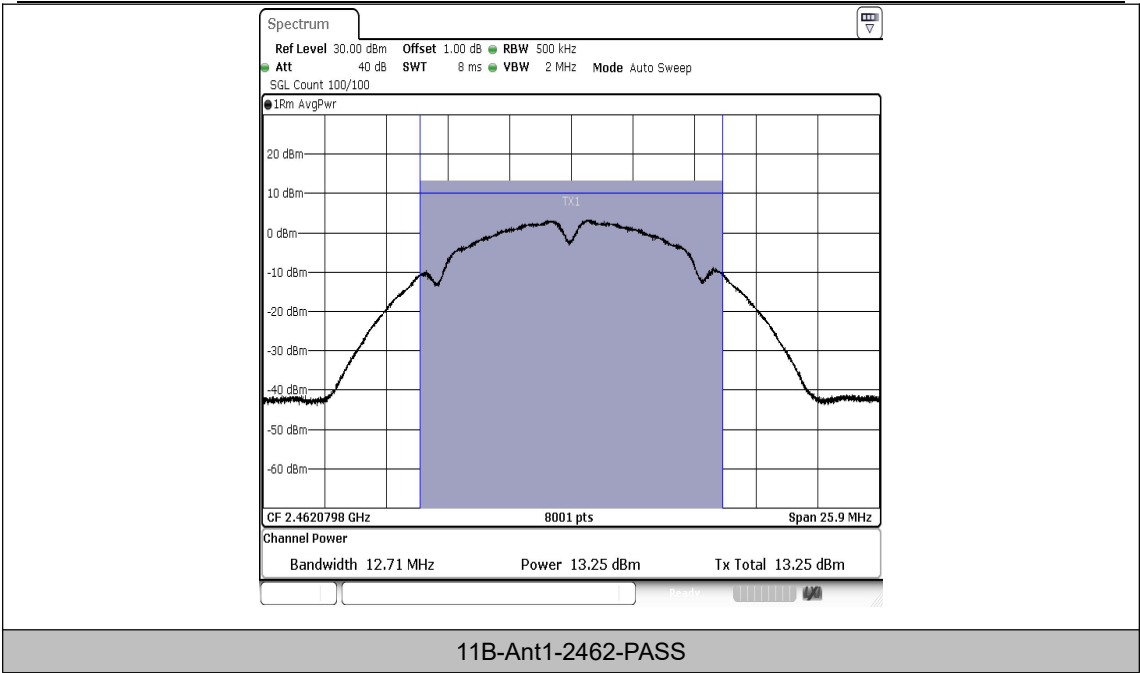
Test Graphs Average



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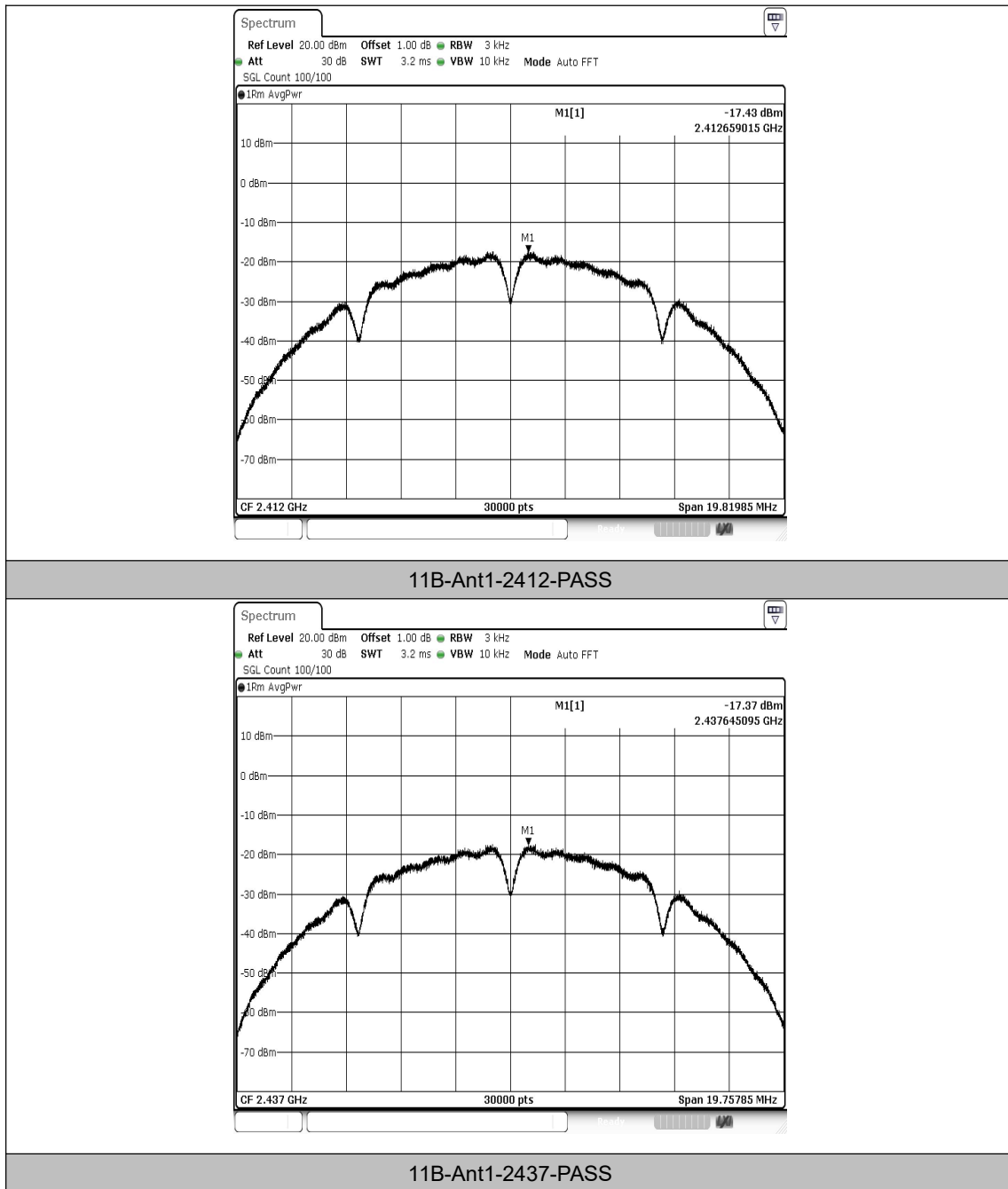
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Reading Result[dBm/3kHz]	DC Factor [dB]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-17.43	0.00	-17.43	≤8.00	PASS
11B	Ant1	2437	-17.37	0.00	-17.37	≤8.00	PASS
11B	Ant1	2462	-17.73	0.00	-17.73	≤8.00	PASS

Note: 1. The cable loss are compensated in the graph.

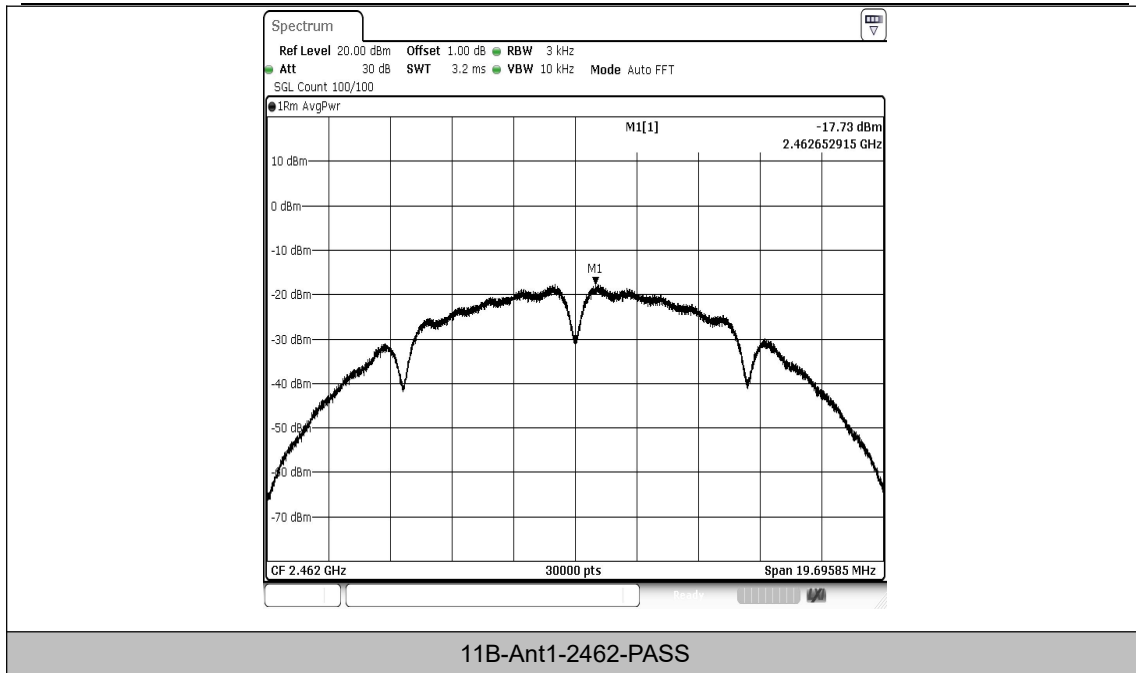
Test Graphs



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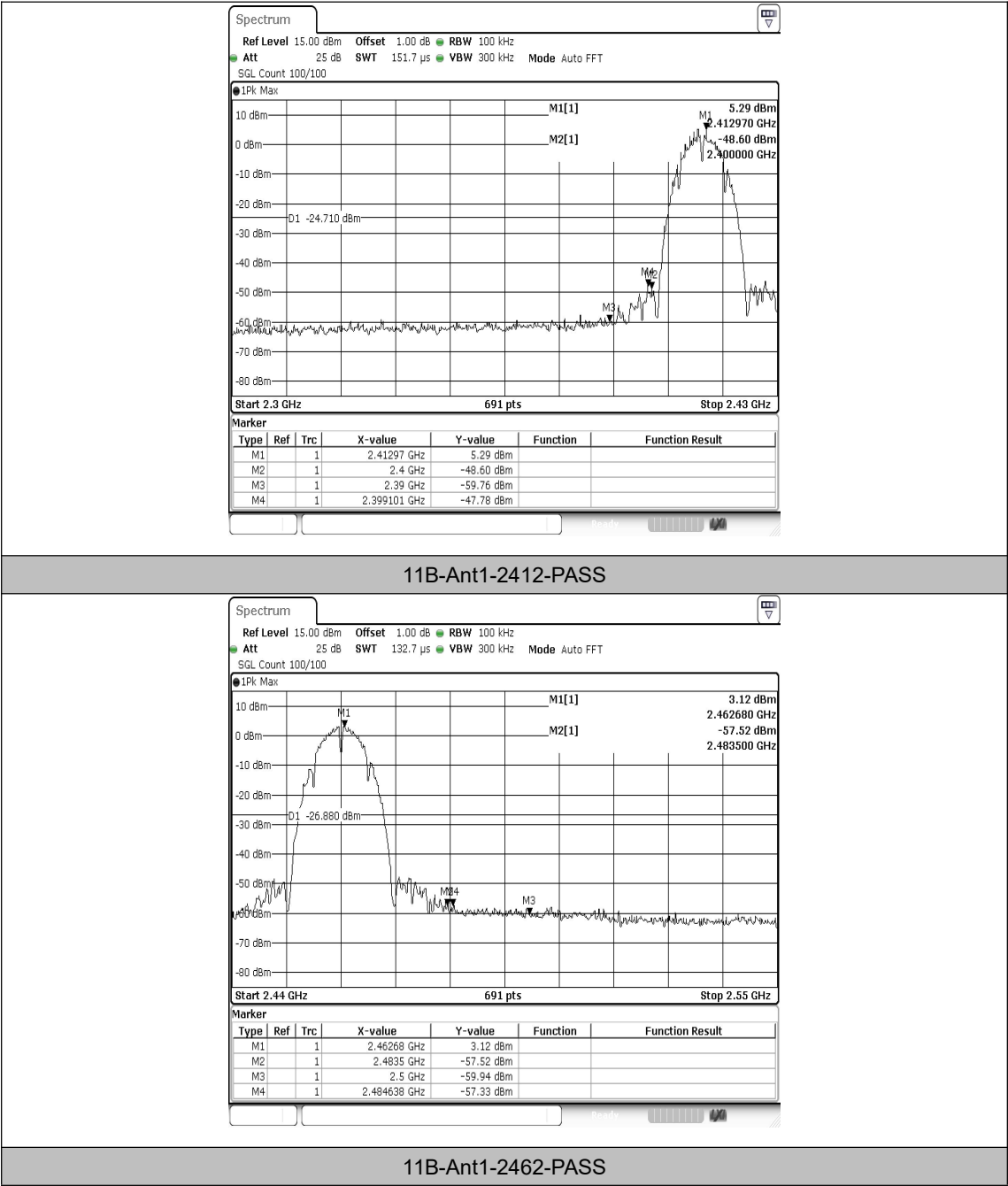
Appendix E: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.29	-47.78	≤-24.71	PASS
11B	Ant1	High	2462	3.12	-57.33	≤-26.88	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



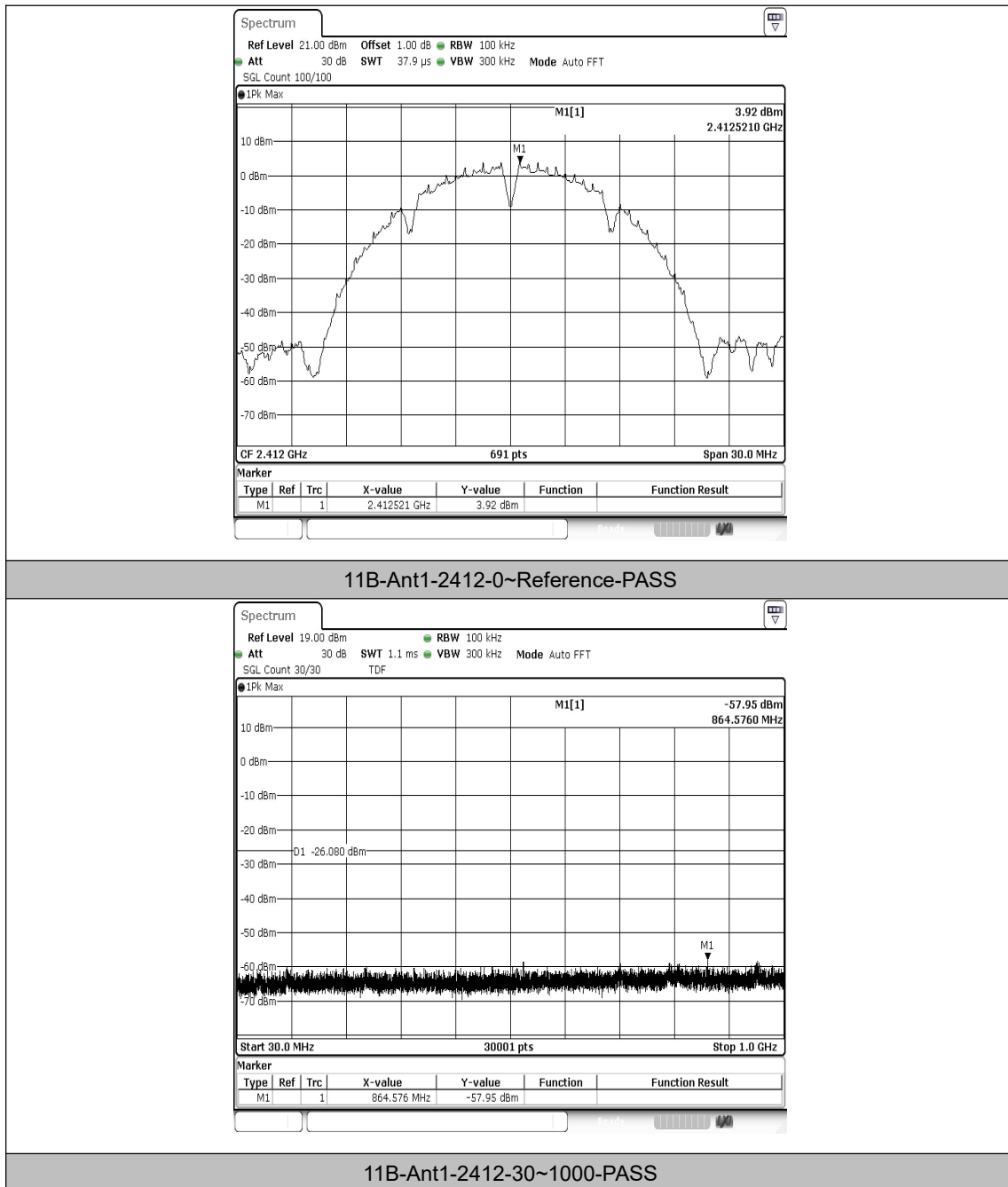
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.92	3.92	---	PASS
11B	Ant1	2412	30~1000	3.92	-57.95	≤-26.08	PASS
11B	Ant1	2412	1000~26500	3.92	-42.89	≤-26.08	PASS
11B	Ant1	2437	0~Reference	4.92	4.92	---	PASS
11B	Ant1	2437	30~1000	4.92	-58.46	≤-25.08	PASS
11B	Ant1	2437	1000~26500	4.92	-43.8	≤-25.08	PASS
11B	Ant1	2462	0~Reference	4.82	4.82	---	PASS
11B	Ant1	2462	30~1000	4.82	-58.14	≤-25.18	PASS
11B	Ant1	2462	1000~26500	4.82	-43.27	≤-25.18	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.

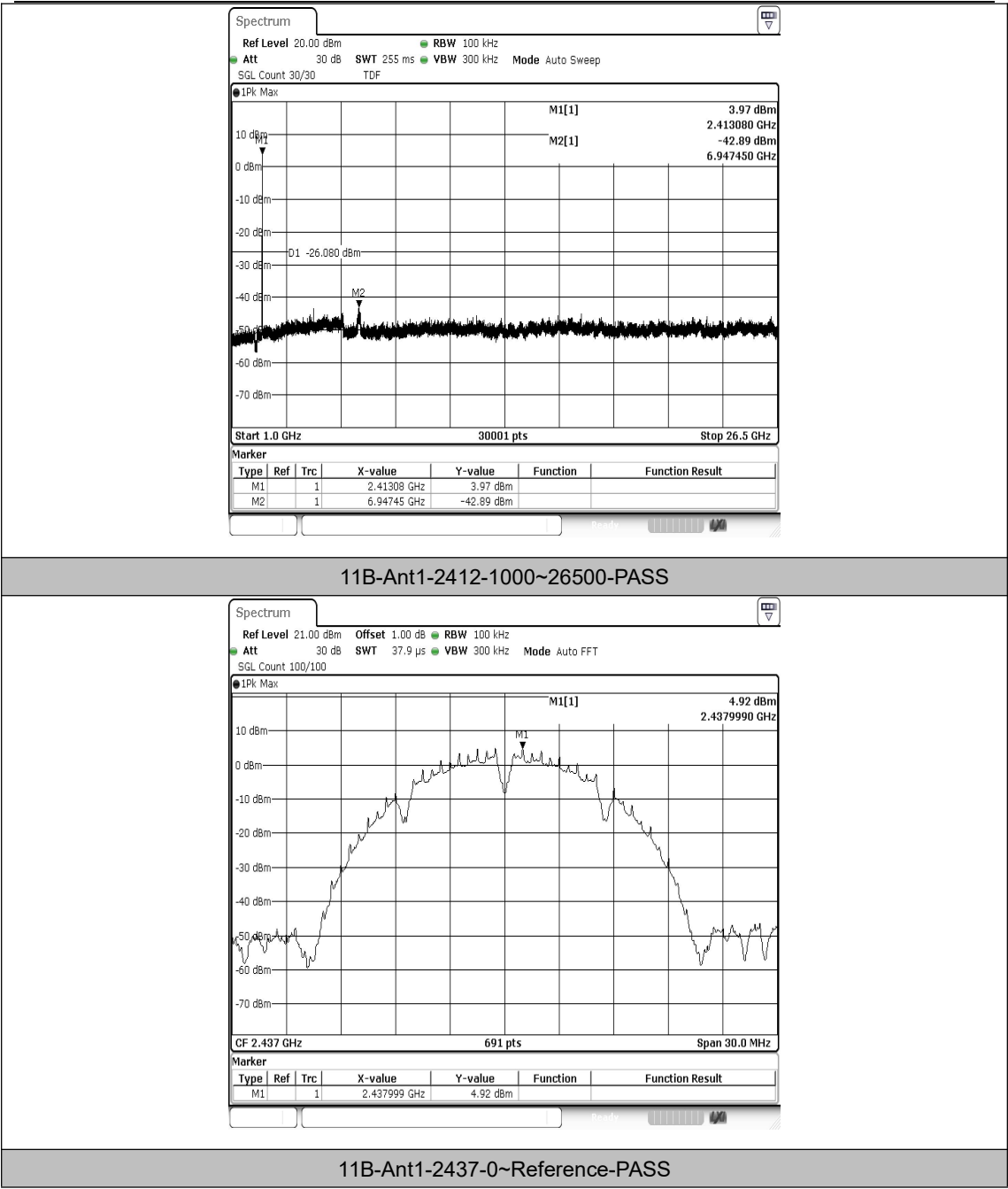
Test Graphs

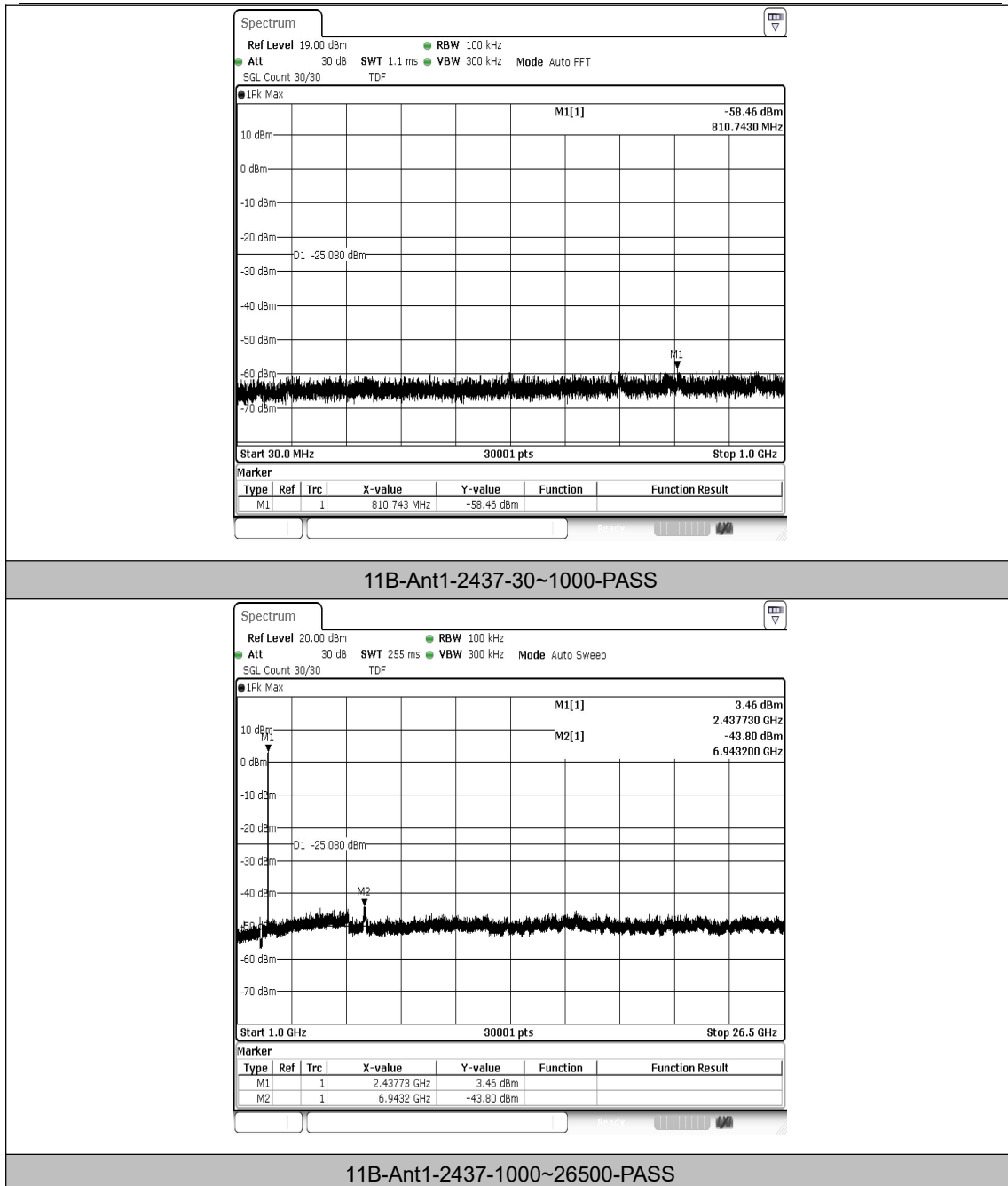


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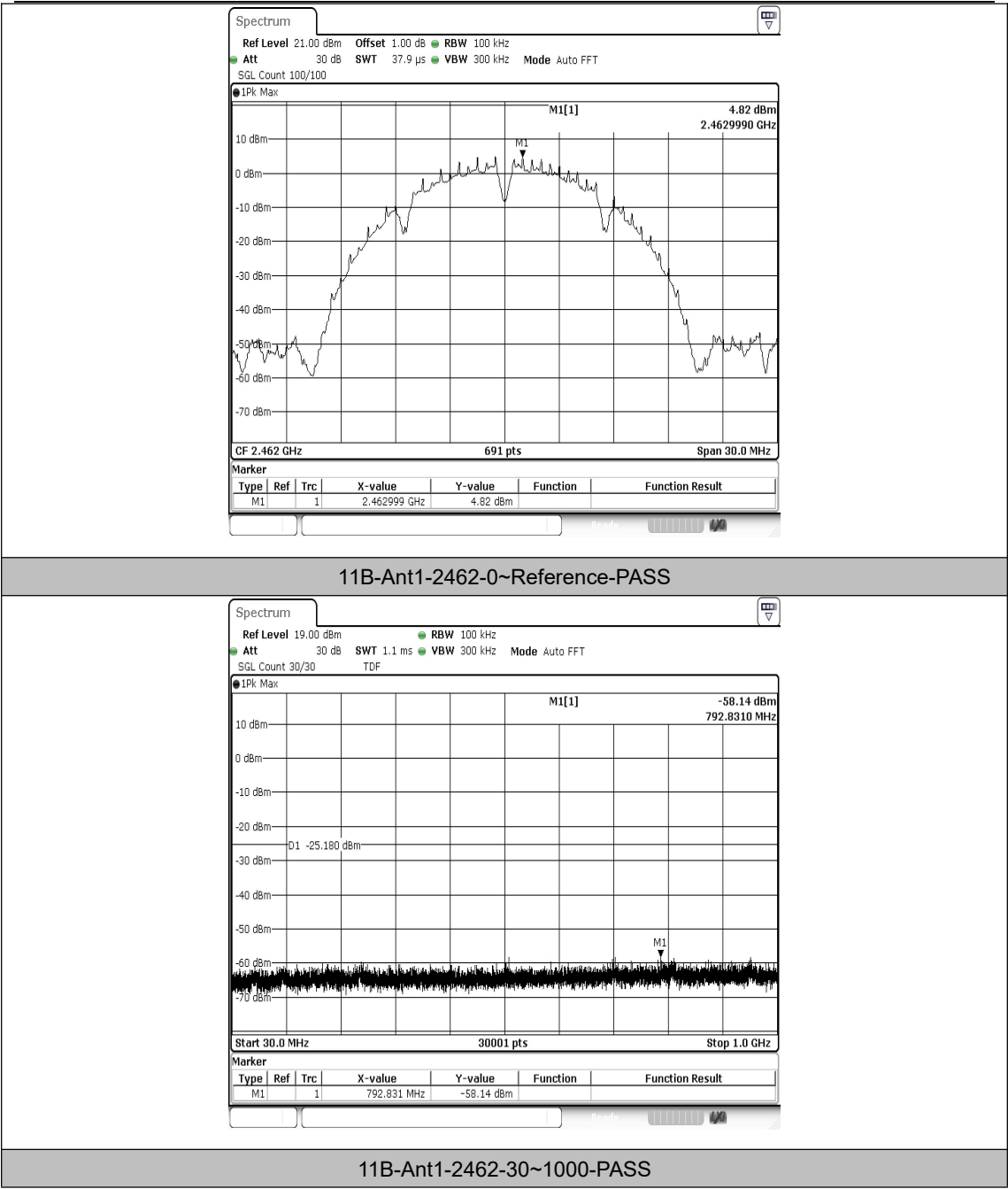


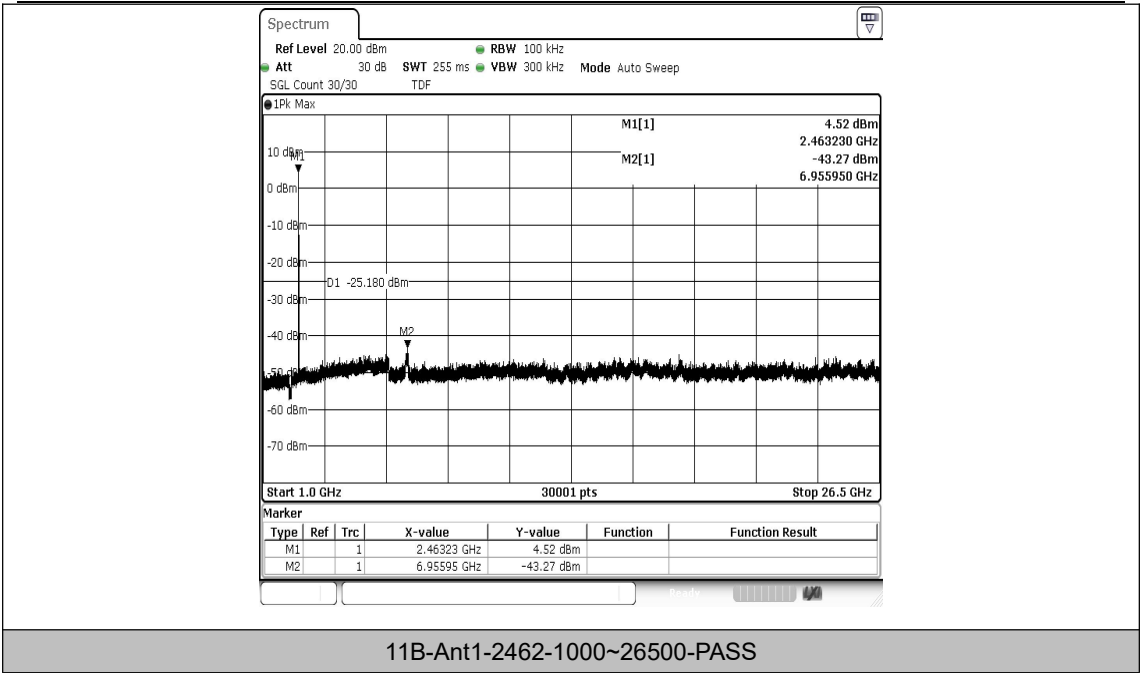


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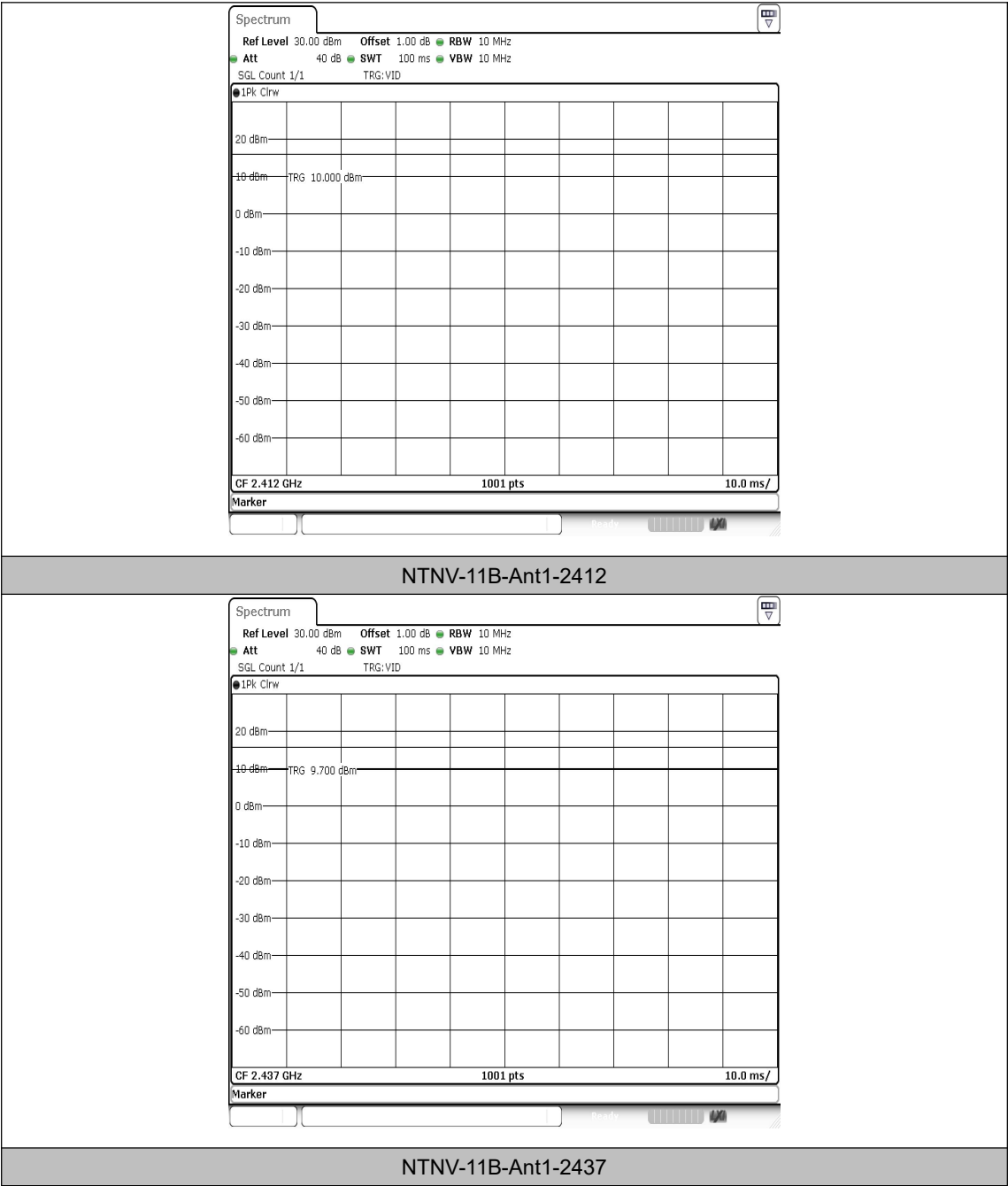
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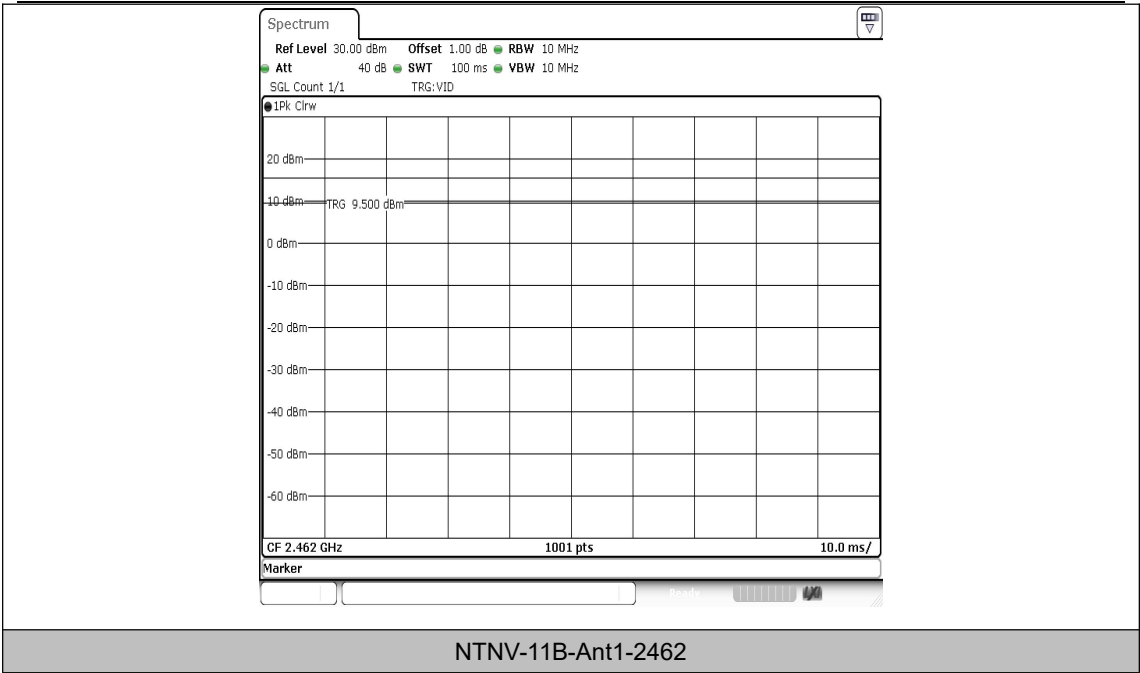
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor [dB]
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00

Test Graphs





---End---