

Appendix Test Data

Report No.:	1813C50274712502	Test Sample No.:	1-2-2
Start Test Date:	2025-6-17	Finish Test Date:	2025-6-30
Test Engineer:	Hu Sen Guan	Auditor:	Justin Feng
Temperature:	25.5°C	Relative Humidity:	57%
Pressure:	101kPa		

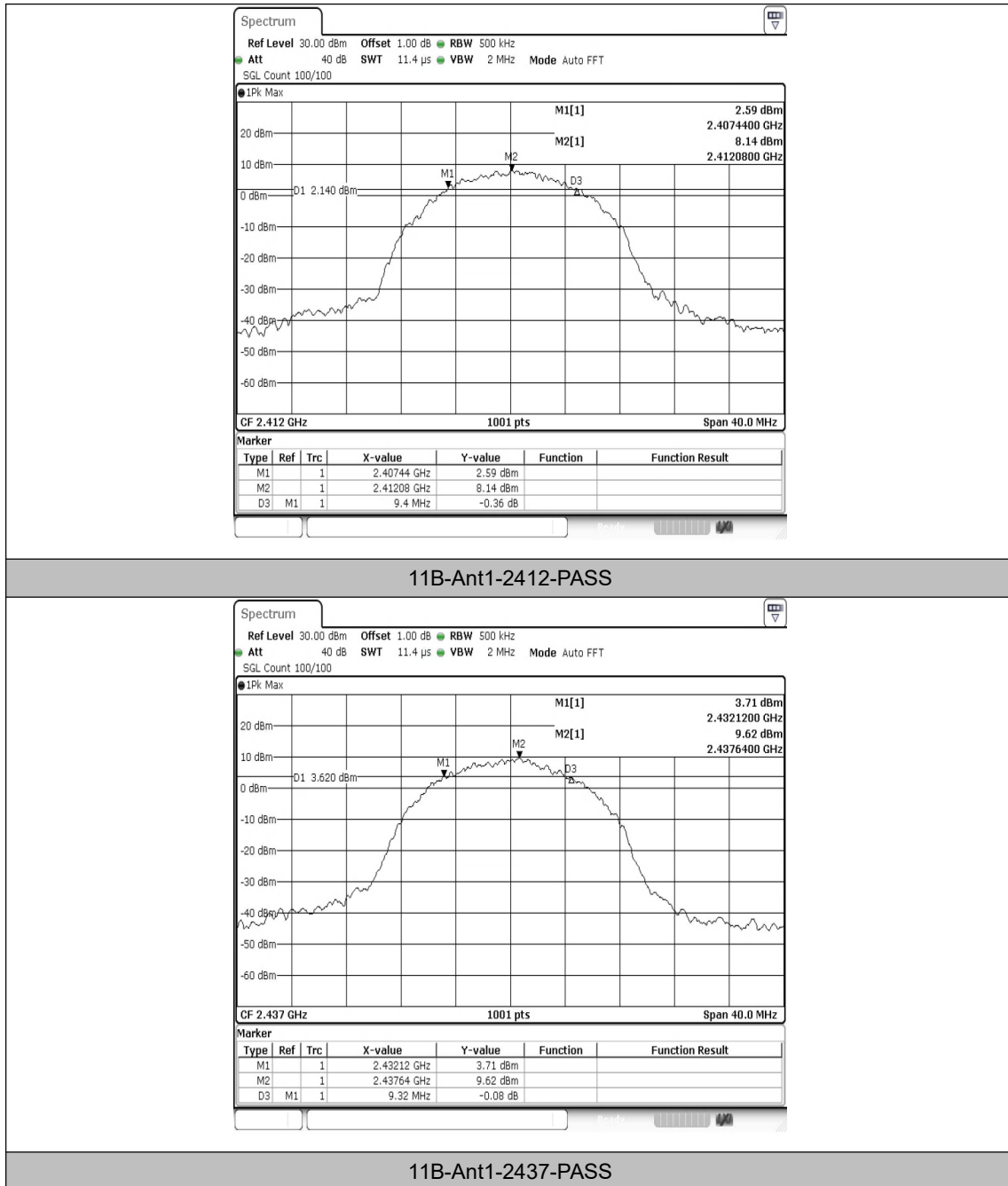
Appendix A: 6dB Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	6dB BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.40	2407.44	2416.84	0.5	PASS
11B	Ant1	2437	9.32	2432.12	2441.44	0.5	PASS
11B	Ant1	2462	8.76	2457.44	2466.20	0.5	PASS
11G	Ant1	2412	16.08	2404.12	2420.20	0.5	PASS
11G	Ant1	2437	15.44	2429.08	2444.52	0.5	PASS
11G	Ant1	2462	15.28	2454.08	2469.36	0.5	PASS



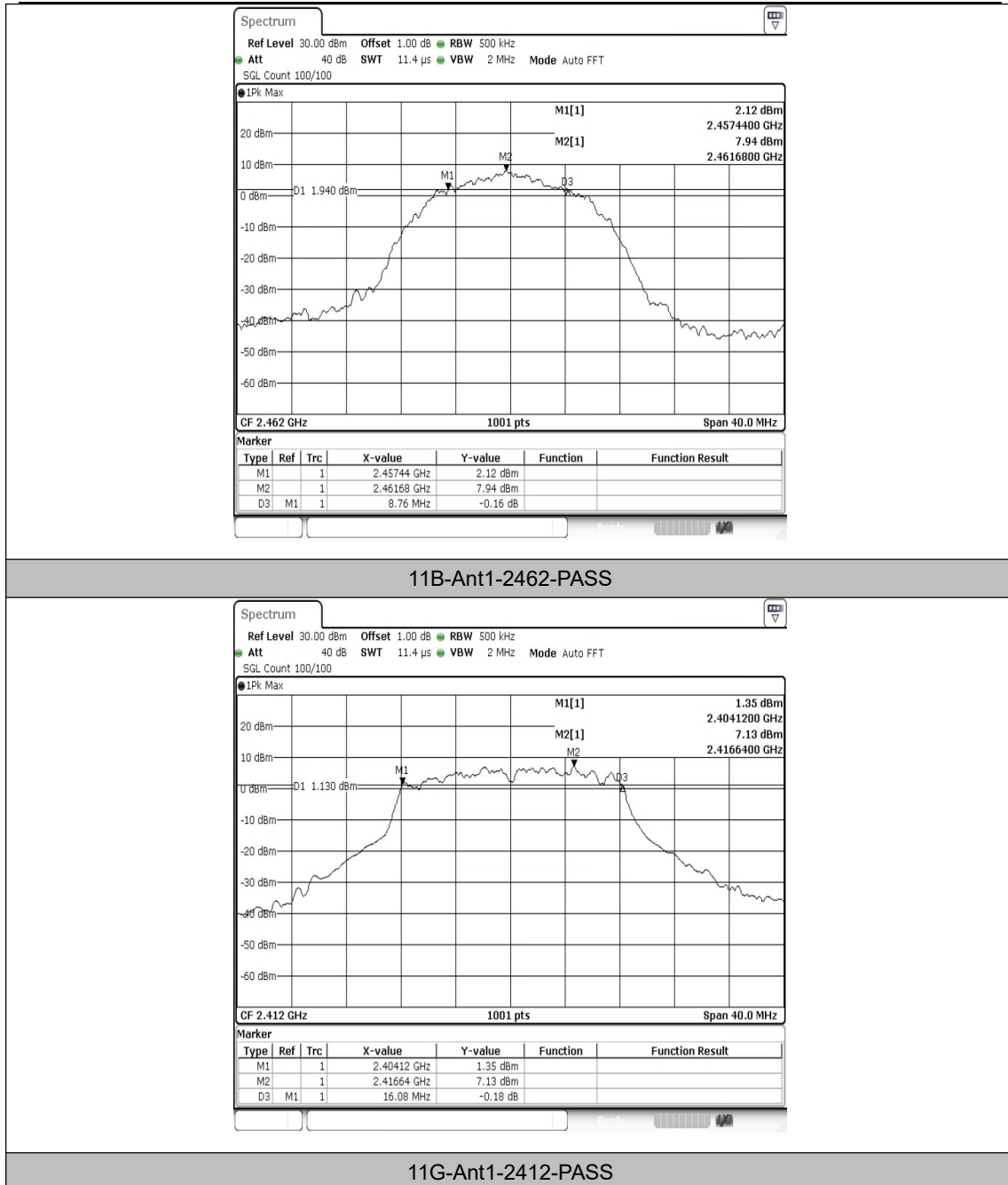
Test Graphs



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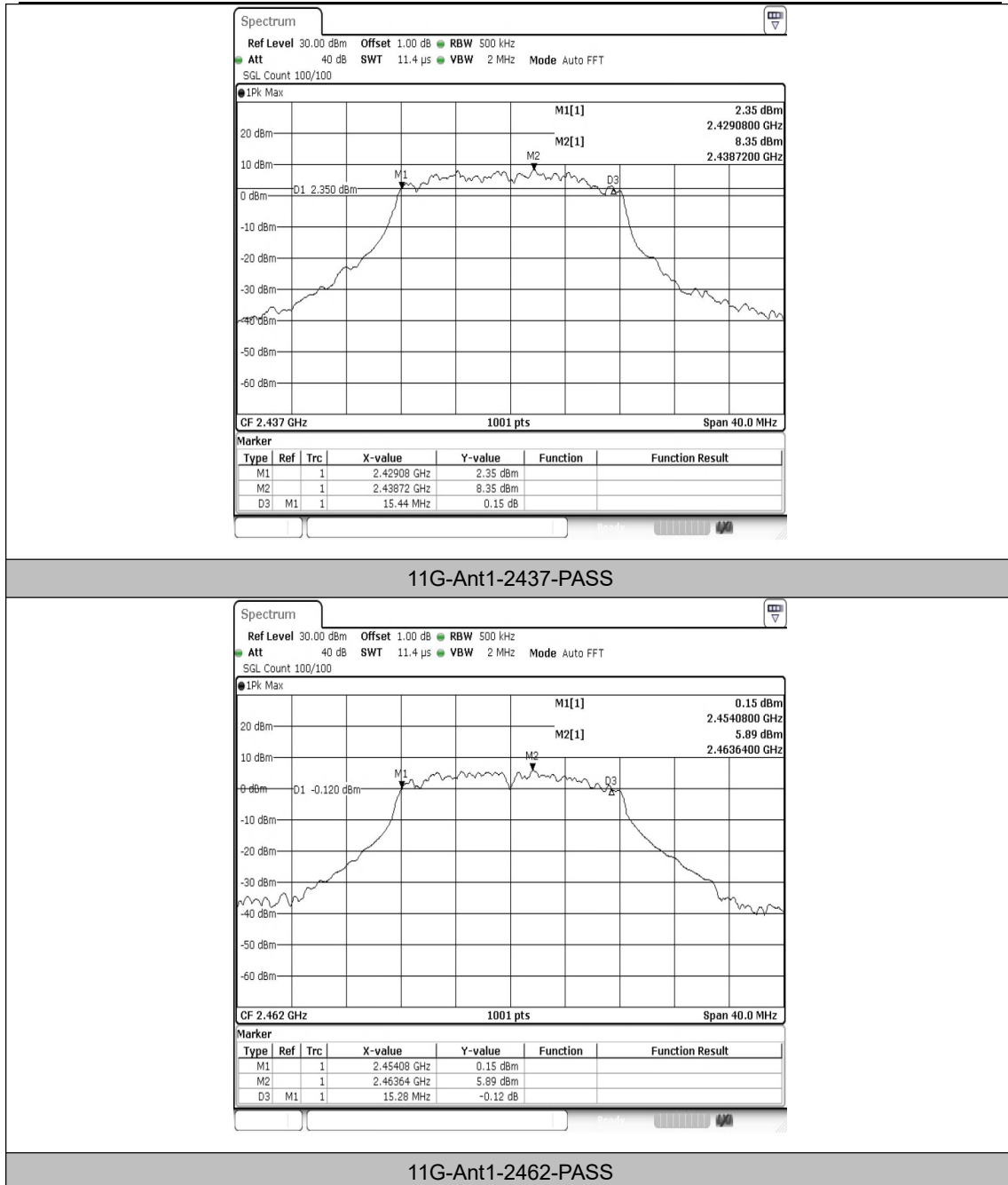
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.786	2405.2867	2419.0729	---	---
11B	Ant1	2437	13.666	2430.0869	2443.7532	---	---
11B	Ant1	2462	13.906	2455.0070	2468.9131	---	---
11G	Ant1	2412	16.623	2403.6883	2420.3117	---	---
11G	Ant1	2437	16.503	2428.8082	2445.3117	---	---
11G	Ant1	2462	16.464	2453.6883	2470.1518	---	---

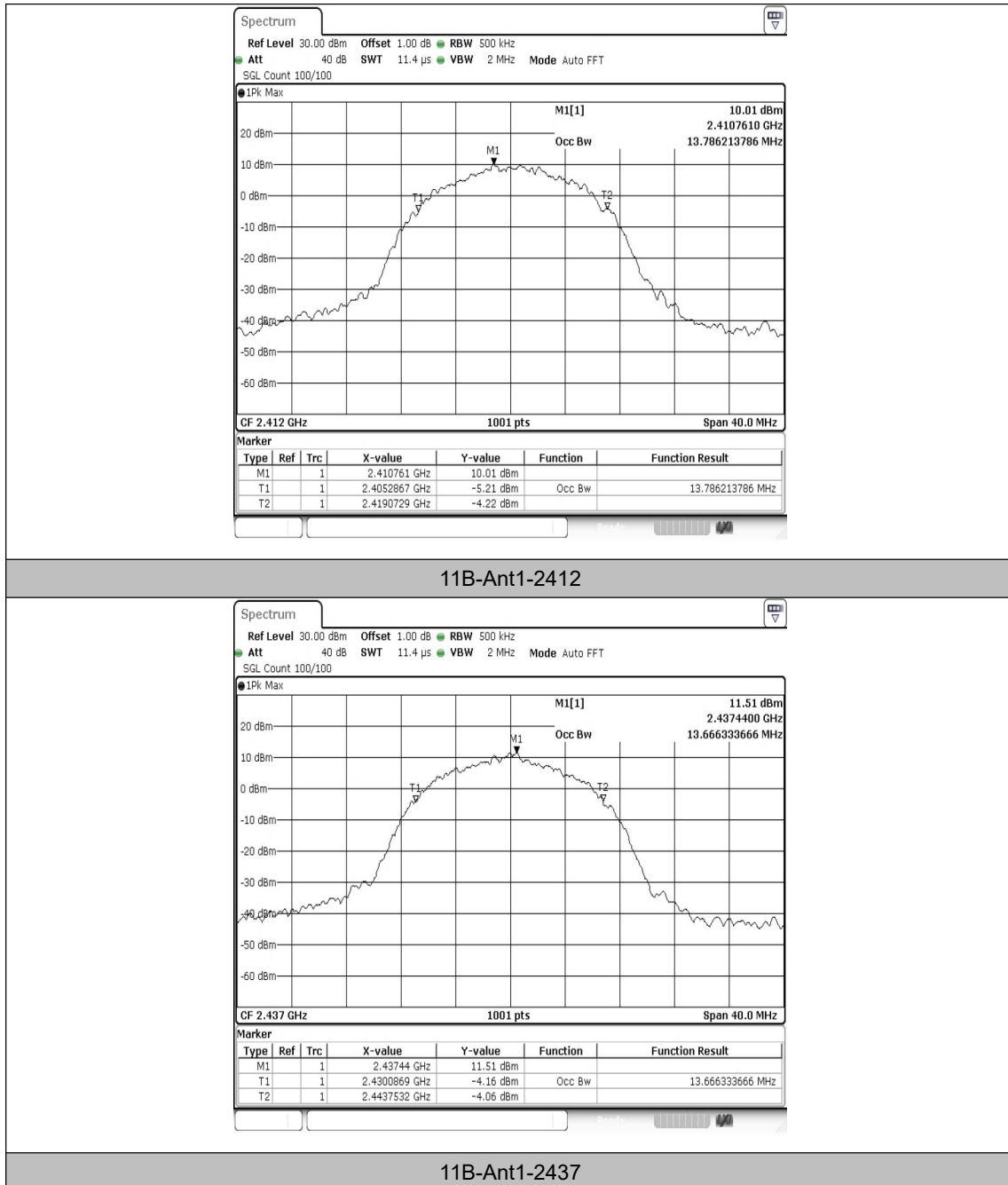
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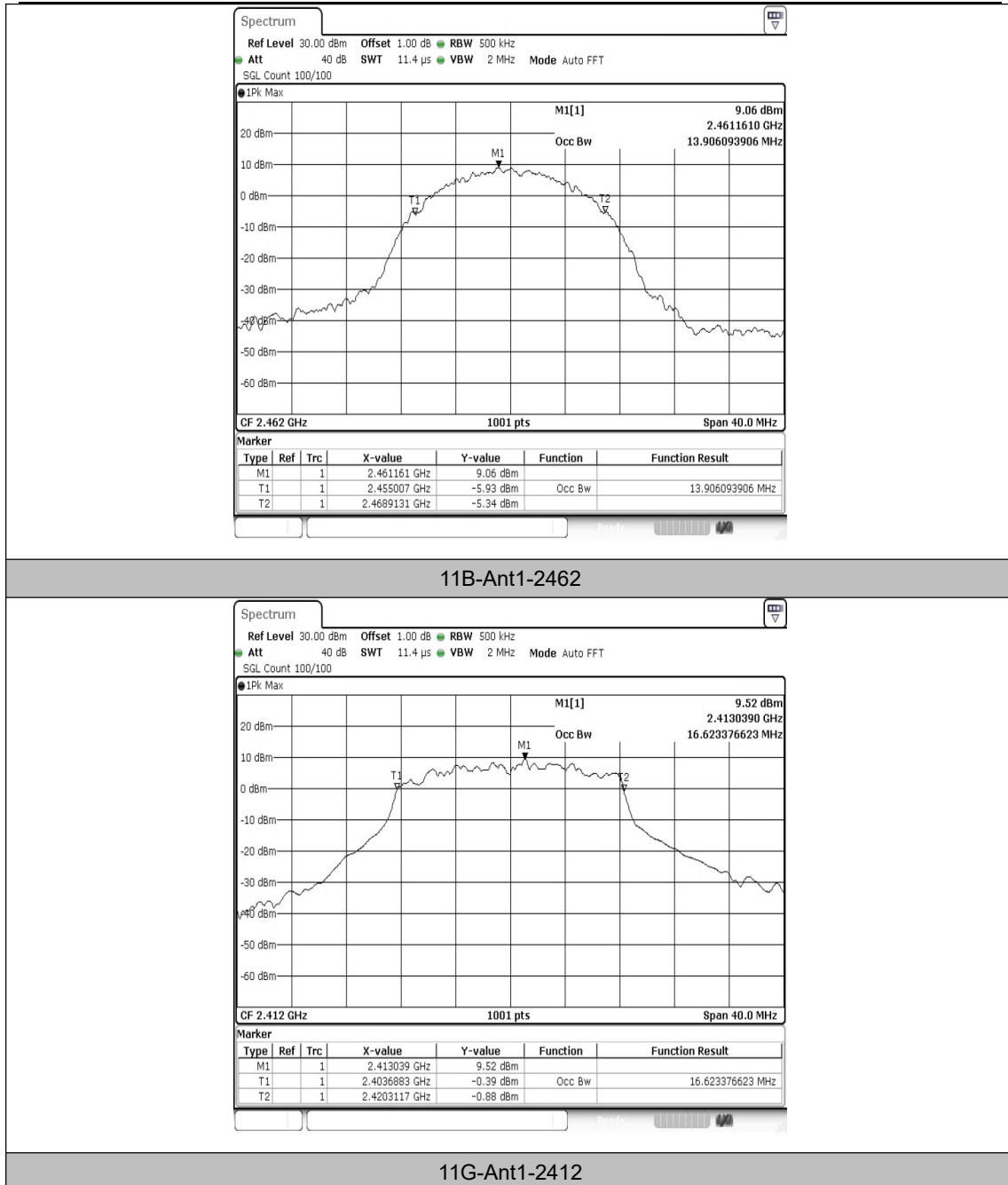
Test Graphs

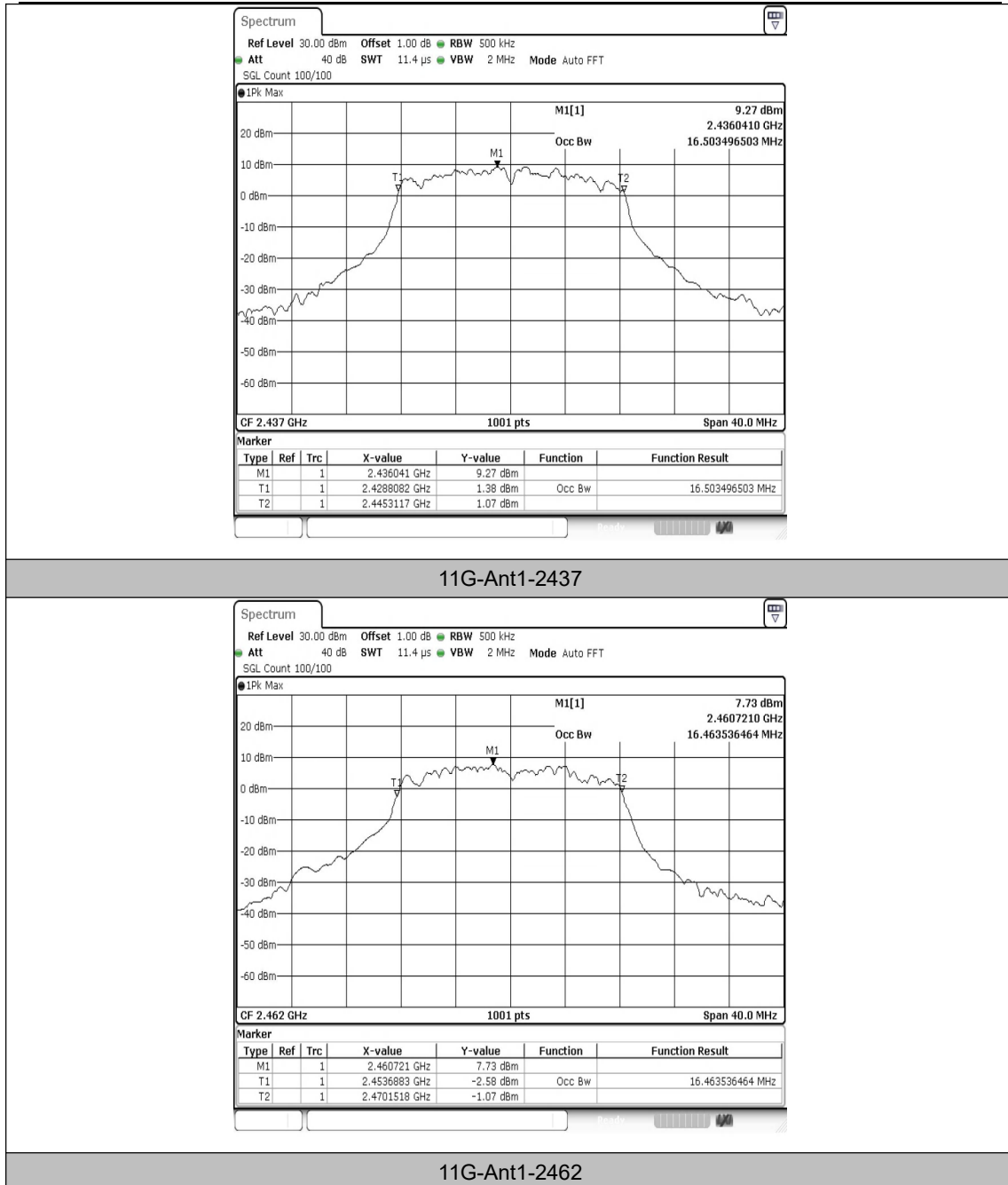


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Appendix C: Maximum conducted output power

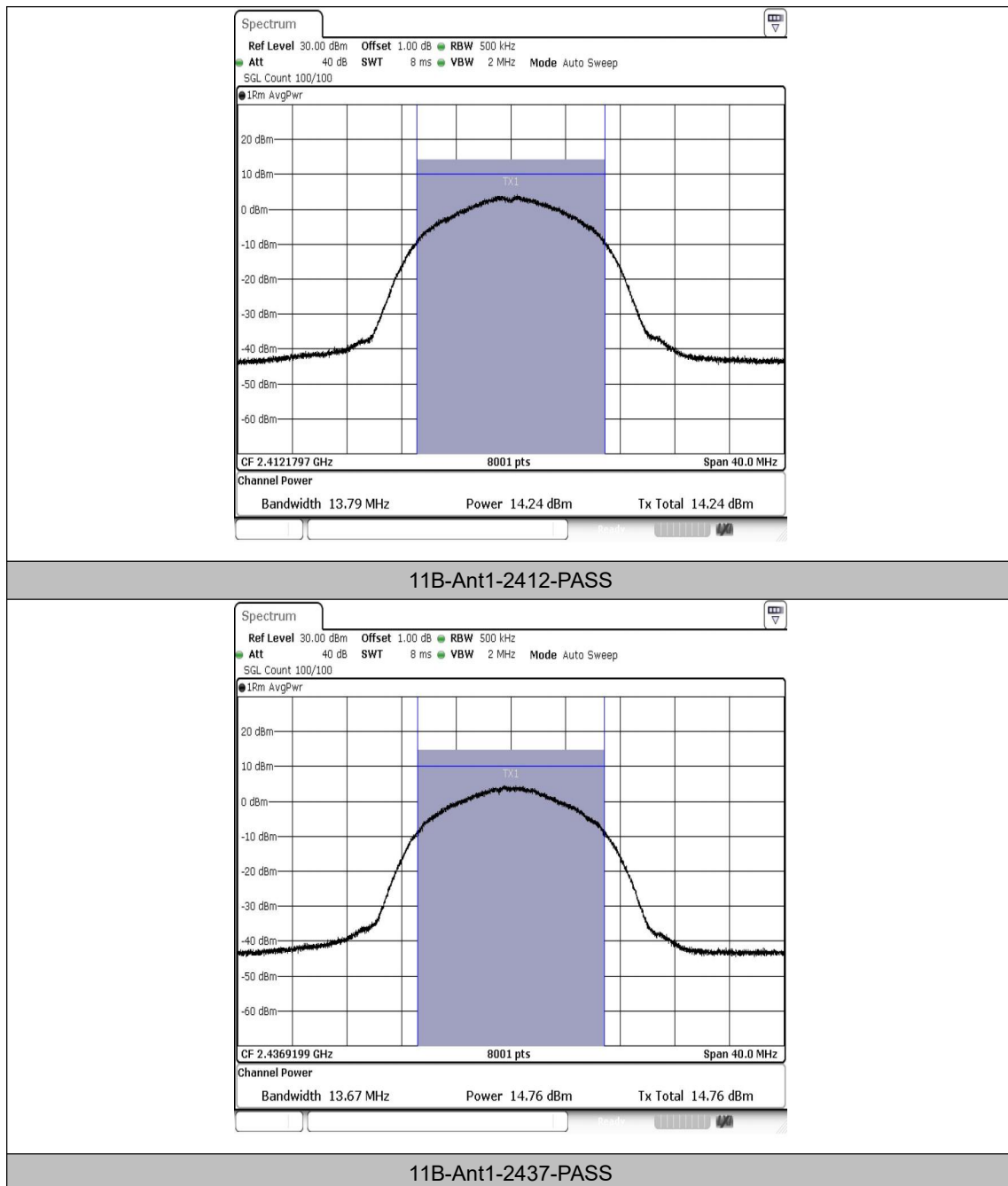
Test Result Average

Test Mode	Antenna	Frequency [MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.24	100.00	0.00	14.24	≤30.00	PASS
11B	Ant1	2437	14.76	100.00	0.00	14.76	≤30.00	PASS
11B	Ant1	2462	13.45	100.00	0.00	13.45	≤30.00	PASS
11G	Ant1	2412	14.39	80.00	0.97	15.36	≤30.00	PASS
11G	Ant1	2437	14.13	80.00	0.97	15.10	≤30.00	PASS
11G	Ant1	2462	14.06	80.00	0.97	15.03	≤30.00	PASS

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



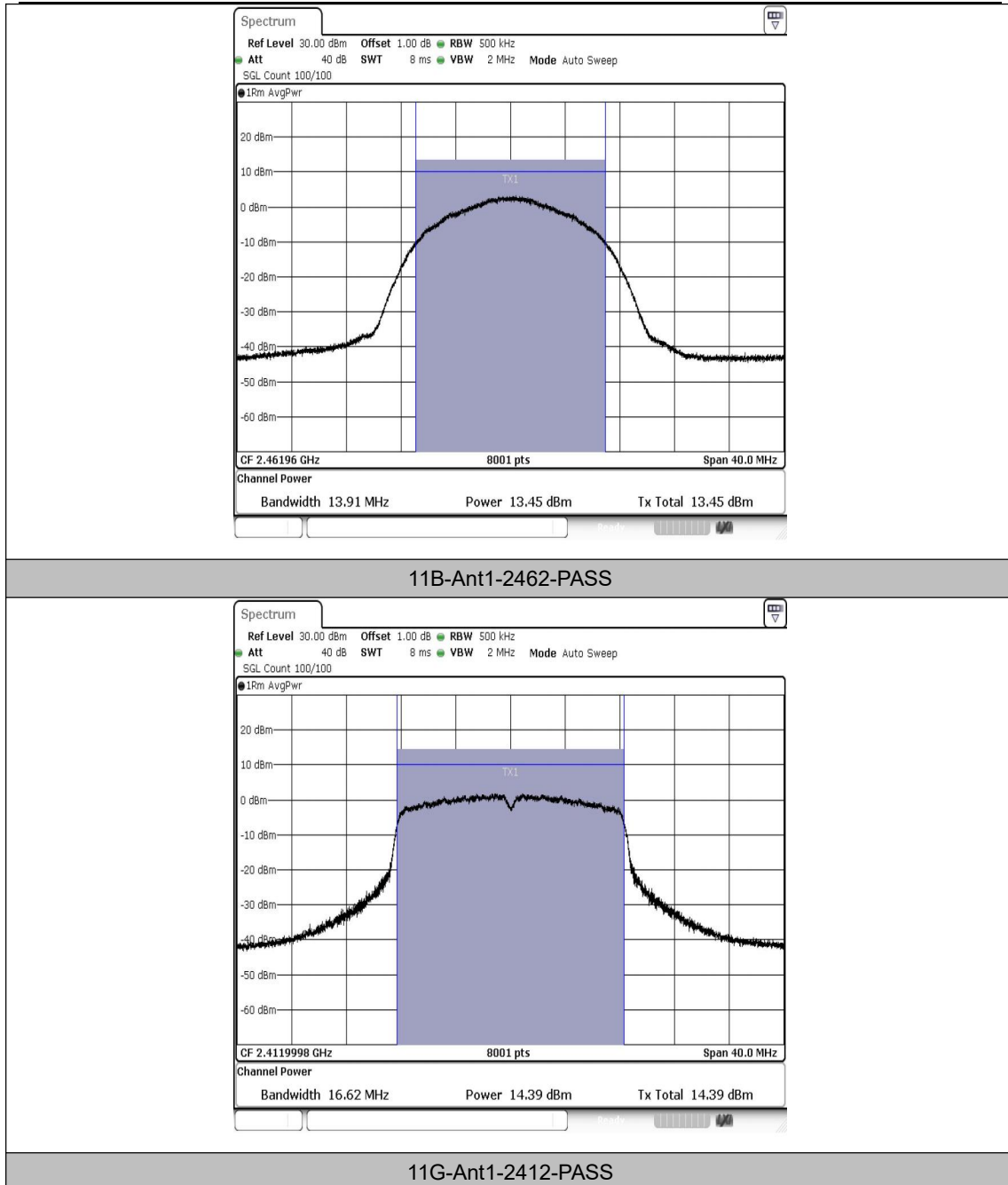
Test Graphs Average



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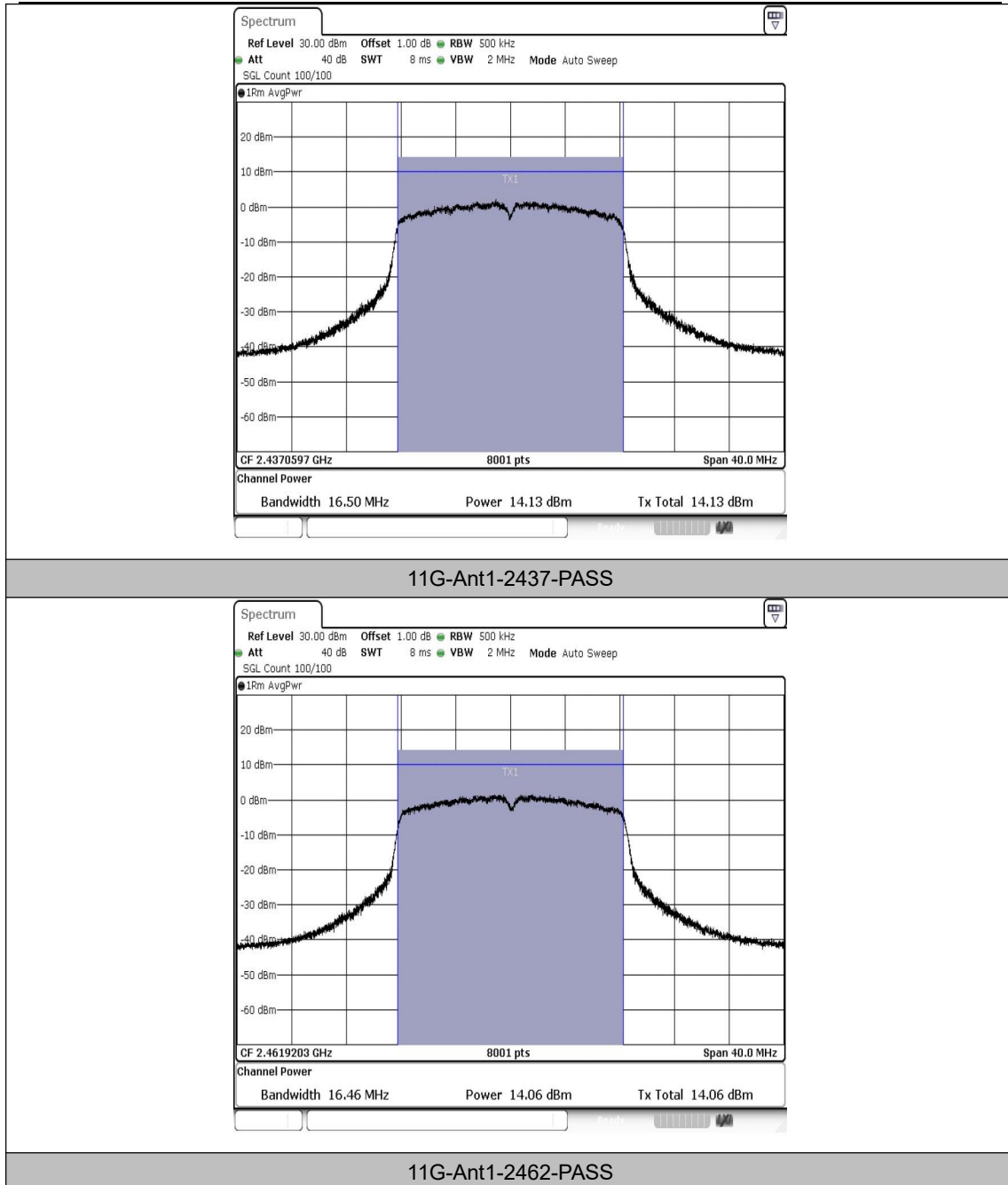
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Appendix D: Maximum power spectral density

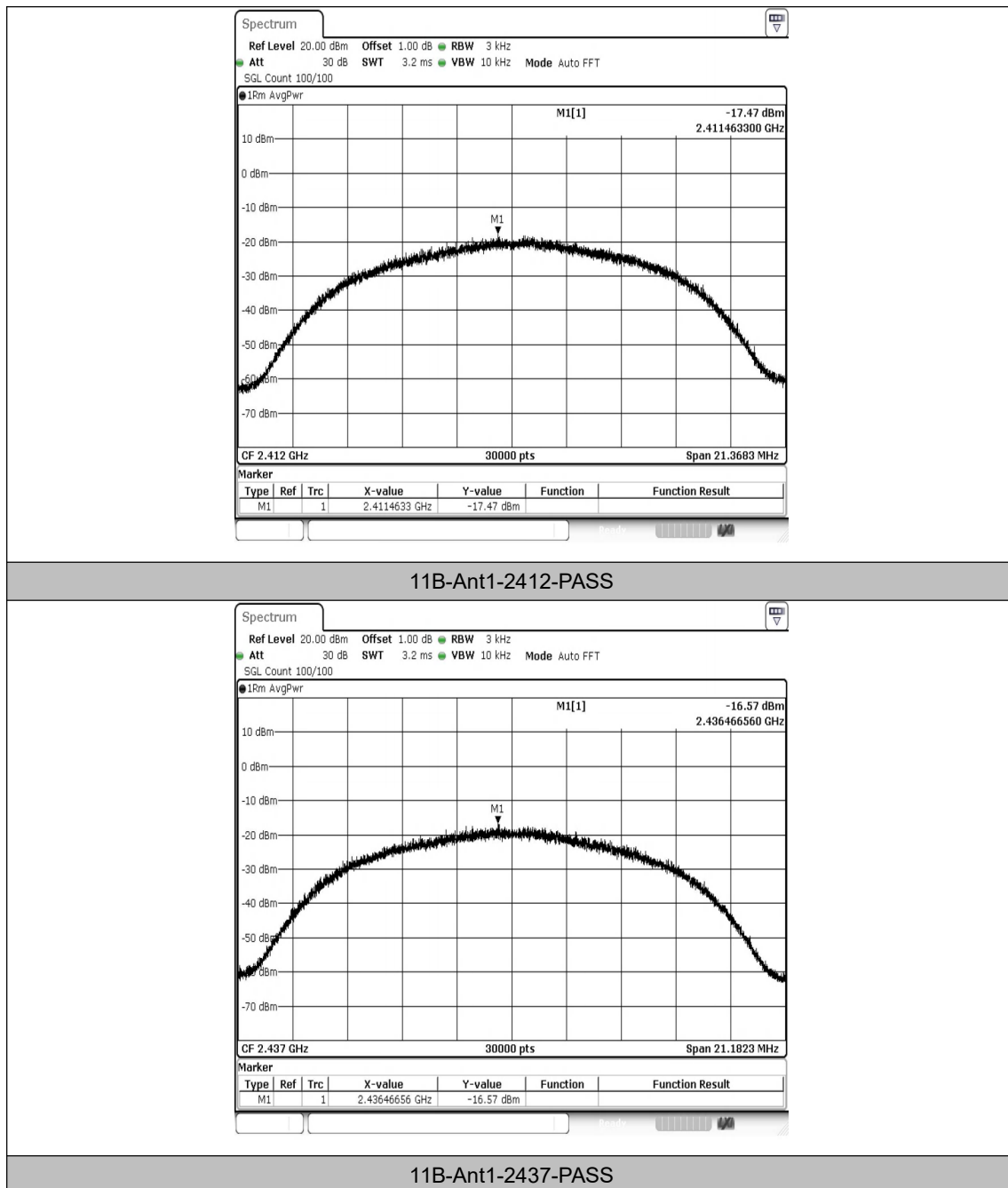
Test Result

Test Mode	Antenna	Frequency [MHz]	Reading Result [dBm/3kHz]	DC Factor [dB]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-17.47	0.00	-17.47	≤8.00	PASS
11B	Ant1	2437	-16.57	0.00	-16.57	≤8.00	PASS
11B	Ant1	2462	-17.82	0.00	-17.82	≤8.00	PASS
11G	Ant1	2412	-16.44	0.97	-15.47	≤8.00	PASS
11G	Ant1	2437	-16.87	0.97	-15.90	≤8.00	PASS
11G	Ant1	2462	-16.12	0.97	-15.15	≤8.00	PASS

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



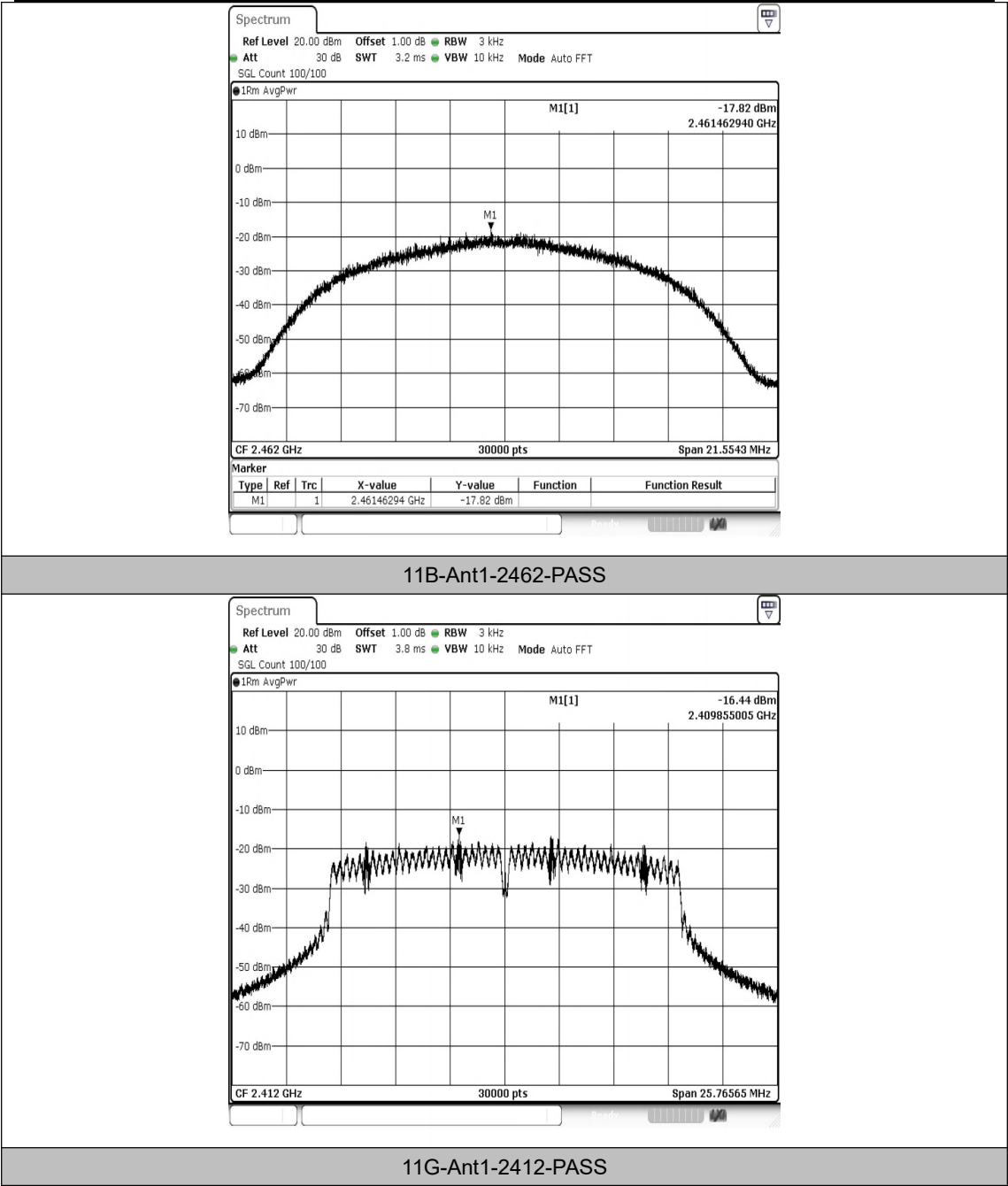
Test Graphs

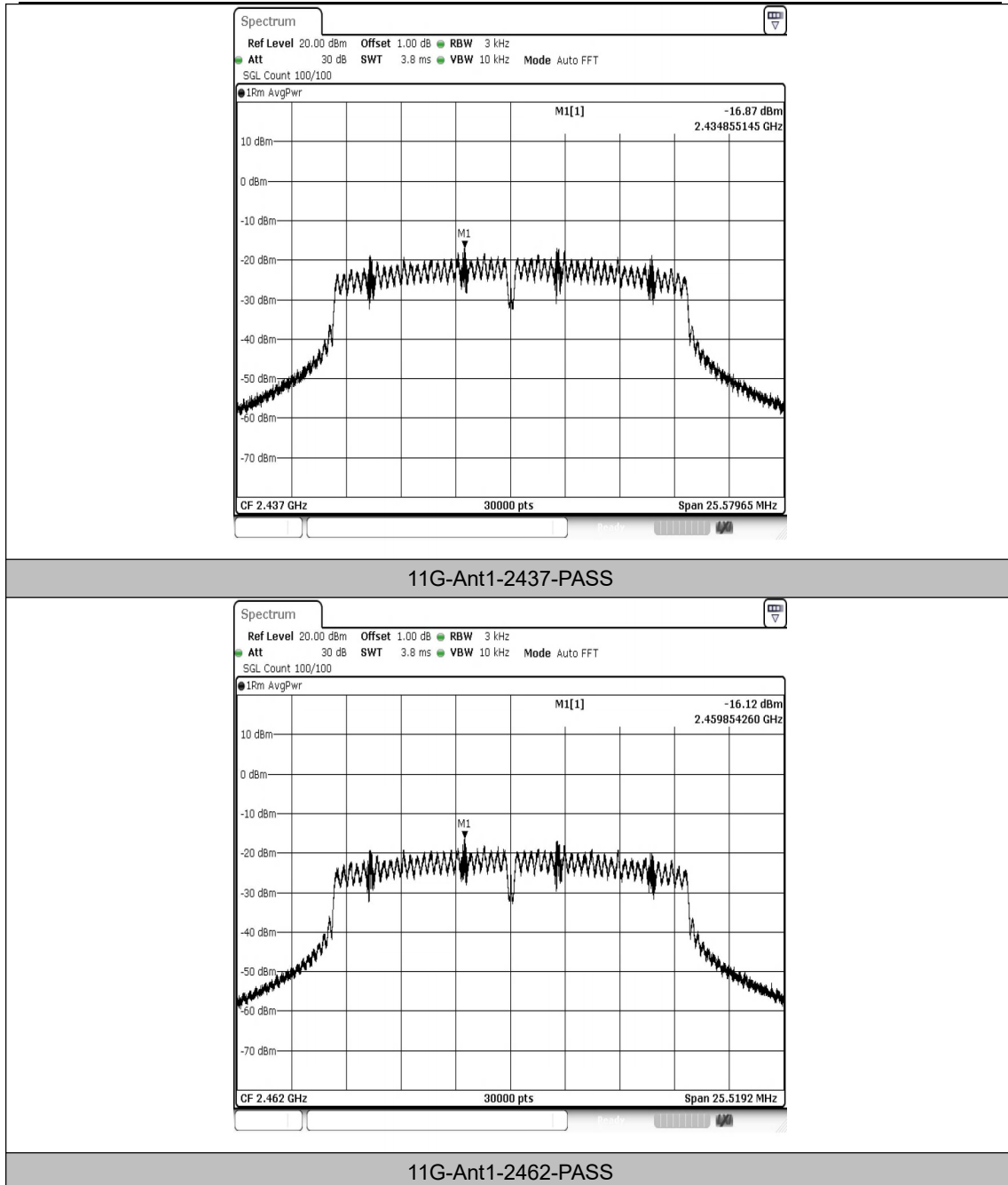


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Appendix E: Conducted Band edge

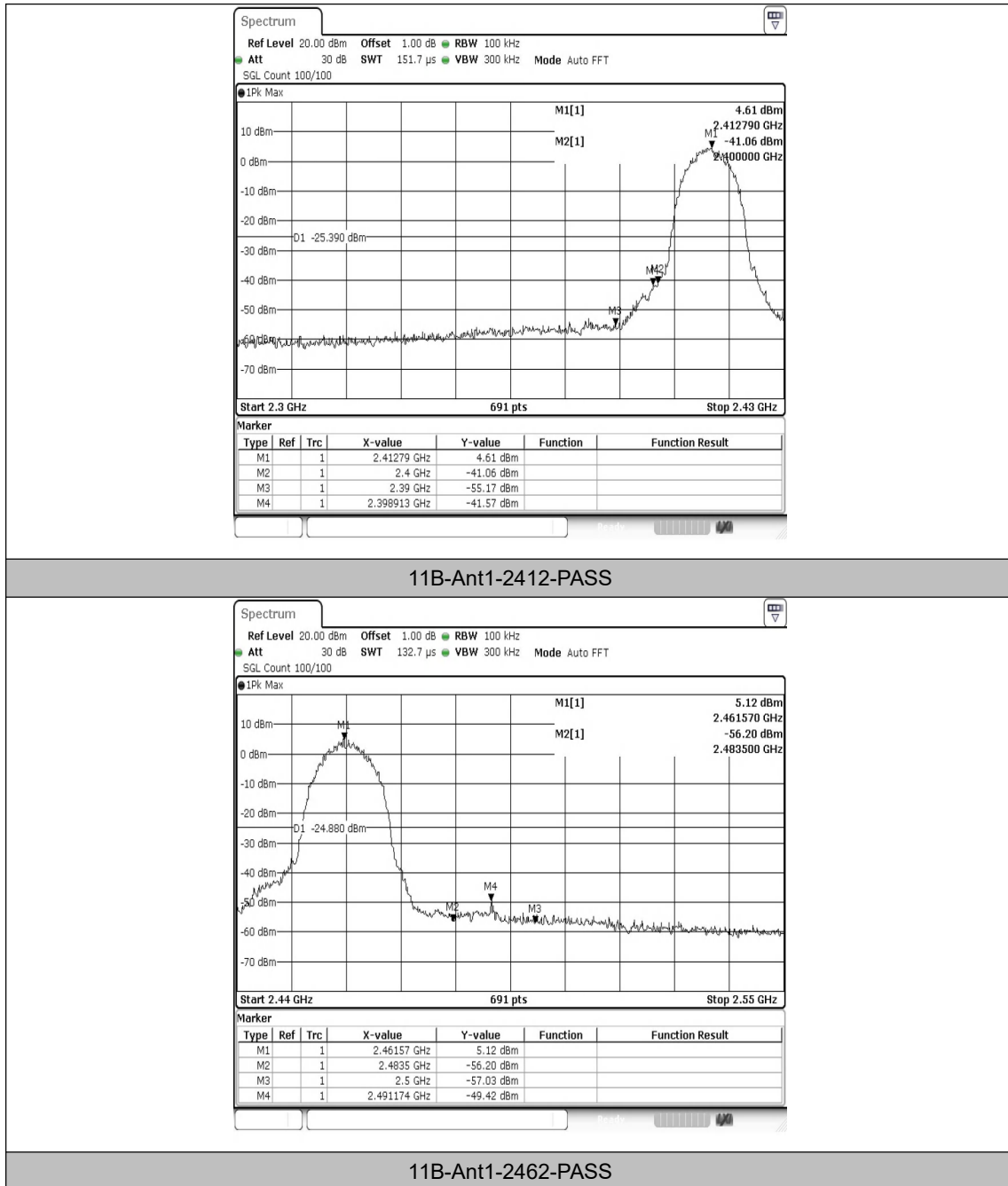
Test Result

Test Mode	Antenna	Ch. Name	Frequency[MHz]	Ref. Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.61	-41.57	≤-25.39	PASS
11B	Ant1	High	2462	5.12	-49.42	≤-24.88	PASS
11G	Ant1	Low	2412	4.26	-32.2	≤-25.74	PASS
11G	Ant1	High	2462	3.26	-44.8	≤-26.74	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.



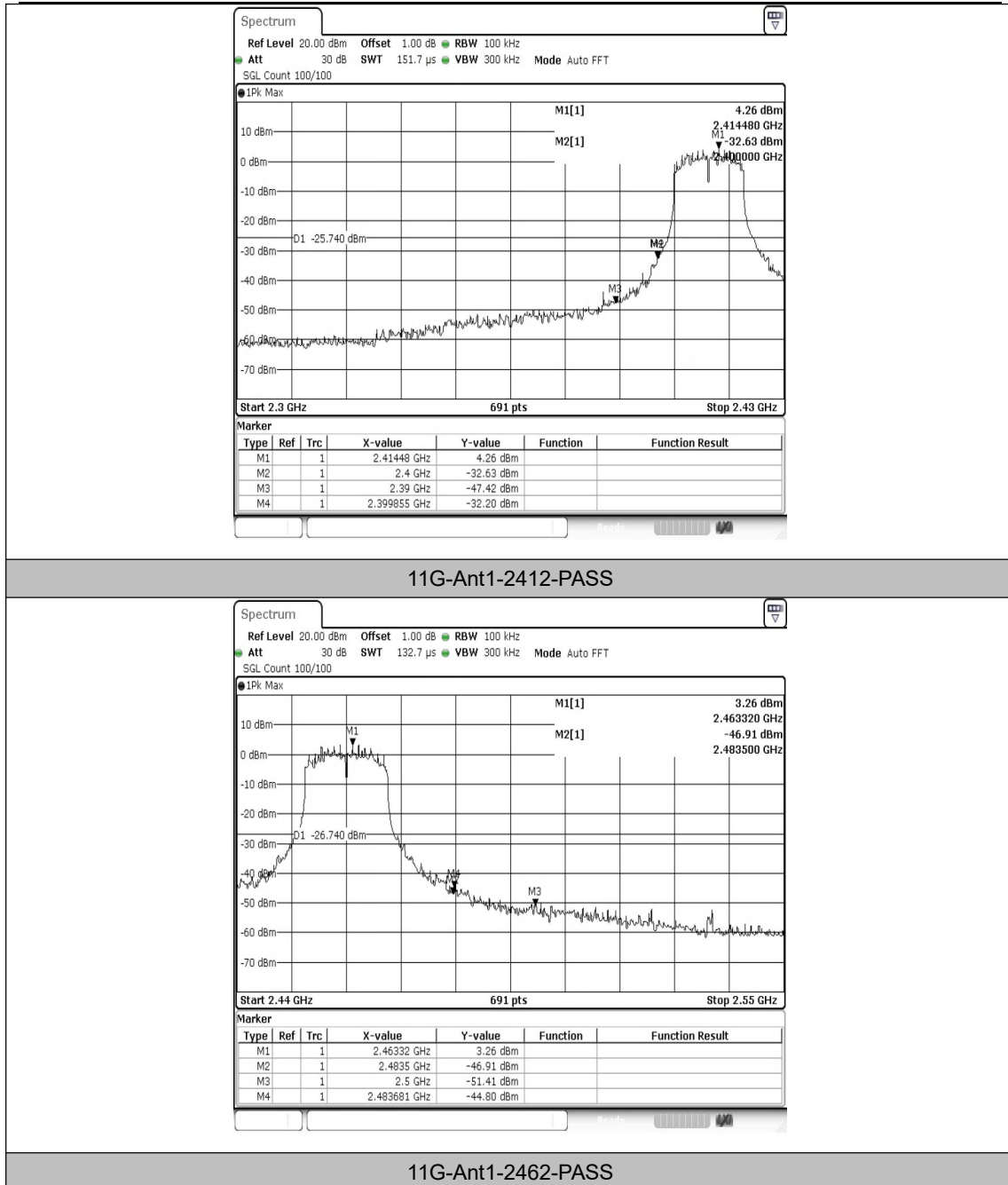
Test Graphs



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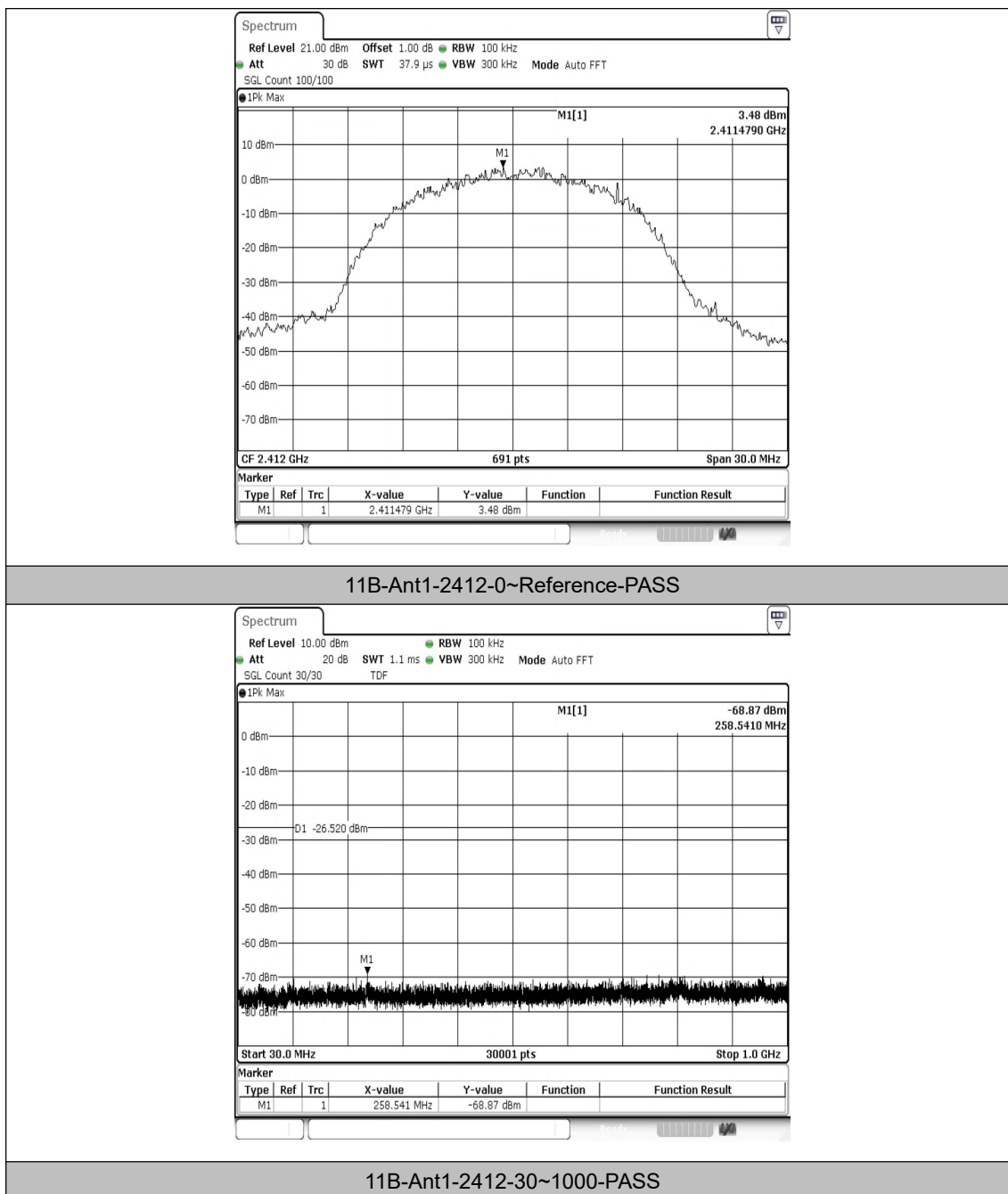
Appendix F: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	3.48	3.48	---	PASS
11B	Ant1	2412	30~1000	3.48	-68.87	≤-26.52	PASS
11B	Ant1	2412	1000~26500	3.48	-54.64	≤-26.52	PASS
11B	Ant1	2437	0~Reference	4.98	4.98	---	PASS
11B	Ant1	2437	30~1000	4.98	-68.93	≤-25.02	PASS
11B	Ant1	2437	1000~26500	4.98	-50.12	≤-25.02	PASS
11B	Ant1	2462	0~Reference	3.31	3.31	---	PASS
11B	Ant1	2462	30~1000	3.31	-68.87	≤-26.69	PASS
11B	Ant1	2462	1000~26500	3.31	-52.12	≤-26.69	PASS
11G	Ant1	2412	0~Reference	3.19	3.19	---	PASS
11G	Ant1	2412	30~1000	3.19	-69.83	≤-26.81	PASS
11G	Ant1	2412	1000~26500	3.19	-55.01	≤-26.81	PASS
11G	Ant1	2437	0~Reference	4.25	4.25	---	PASS
11G	Ant1	2437	30~1000	4.25	-69.2	≤-25.75	PASS
11G	Ant1	2437	1000~26500	4.25	-54.46	≤-25.75	PASS
11G	Ant1	2462	0~Reference	2.03	2.03	---	PASS
11G	Ant1	2462	30~1000	2.03	-68.68	≤-27.97	PASS
11G	Ant1	2462	1000~26500	2.03	-54.08	≤-27.97	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.

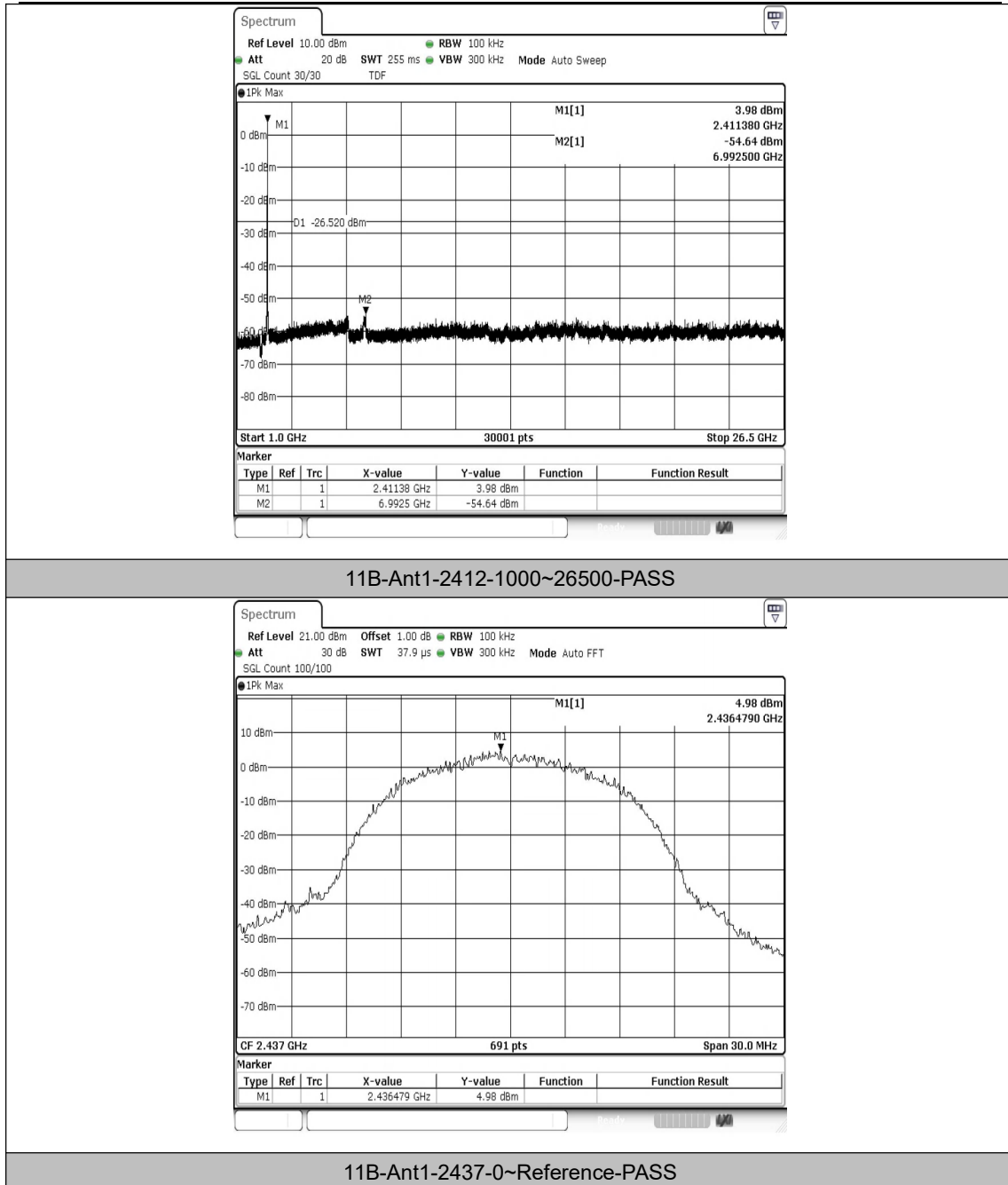
Test Graphs



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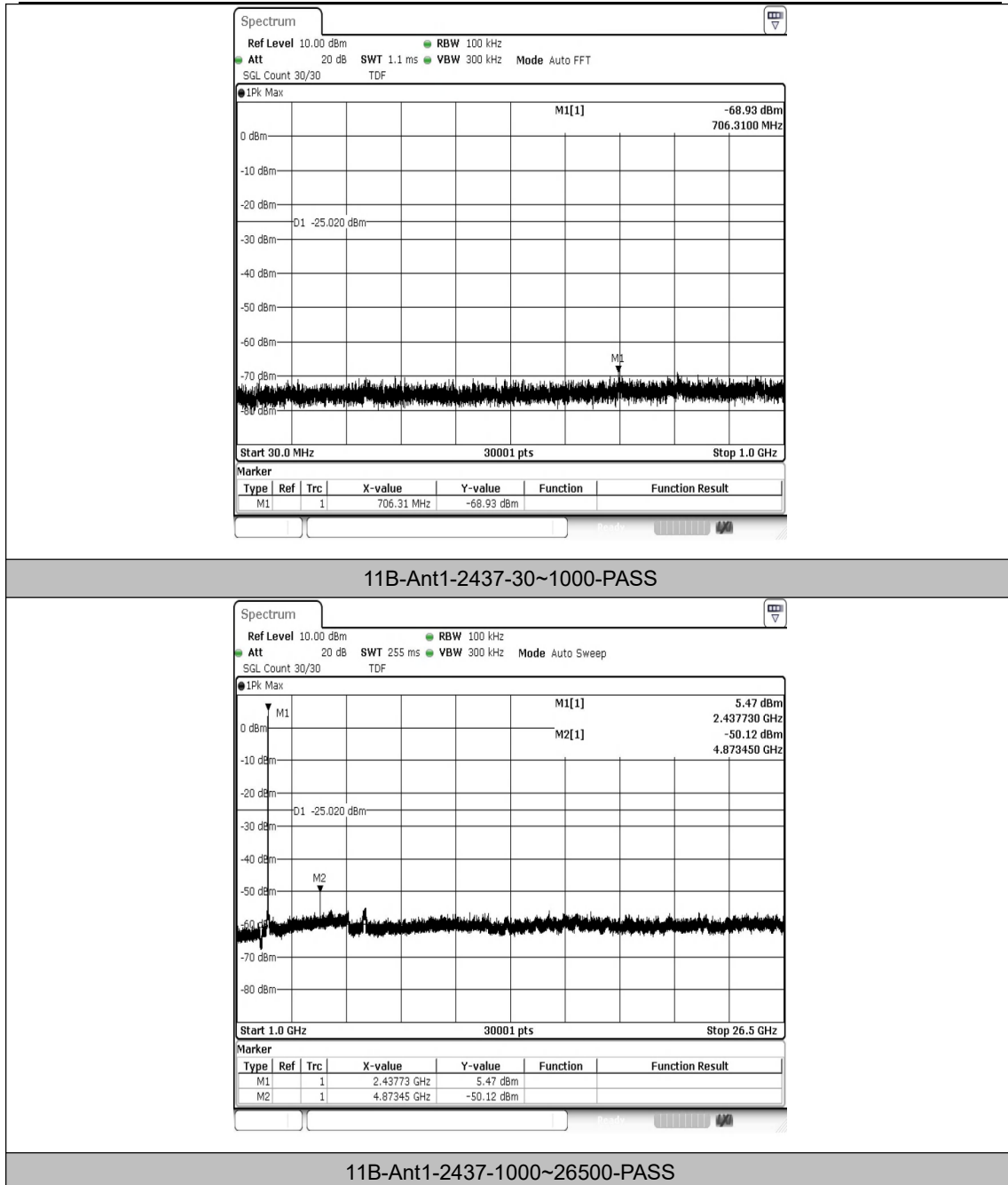
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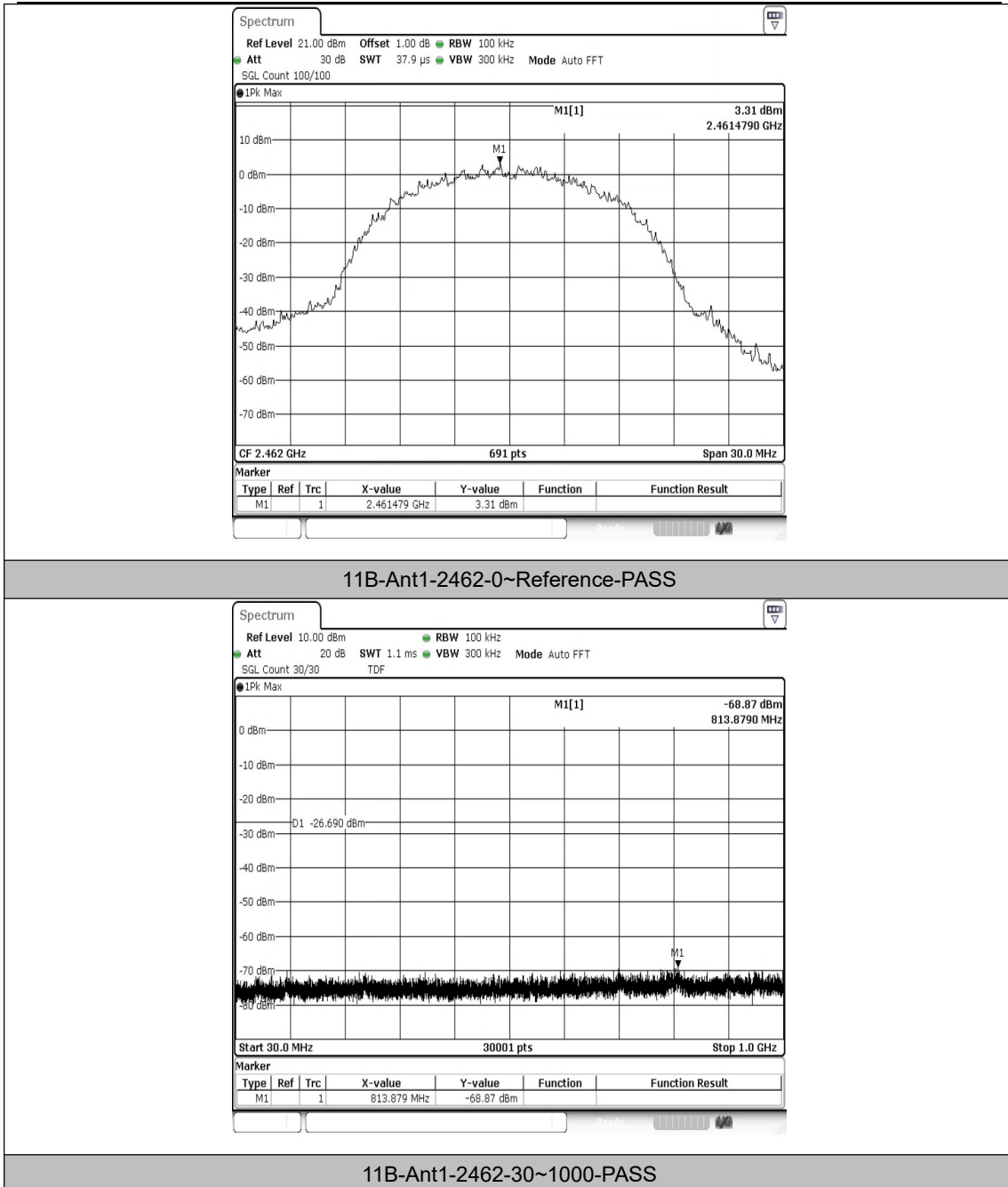


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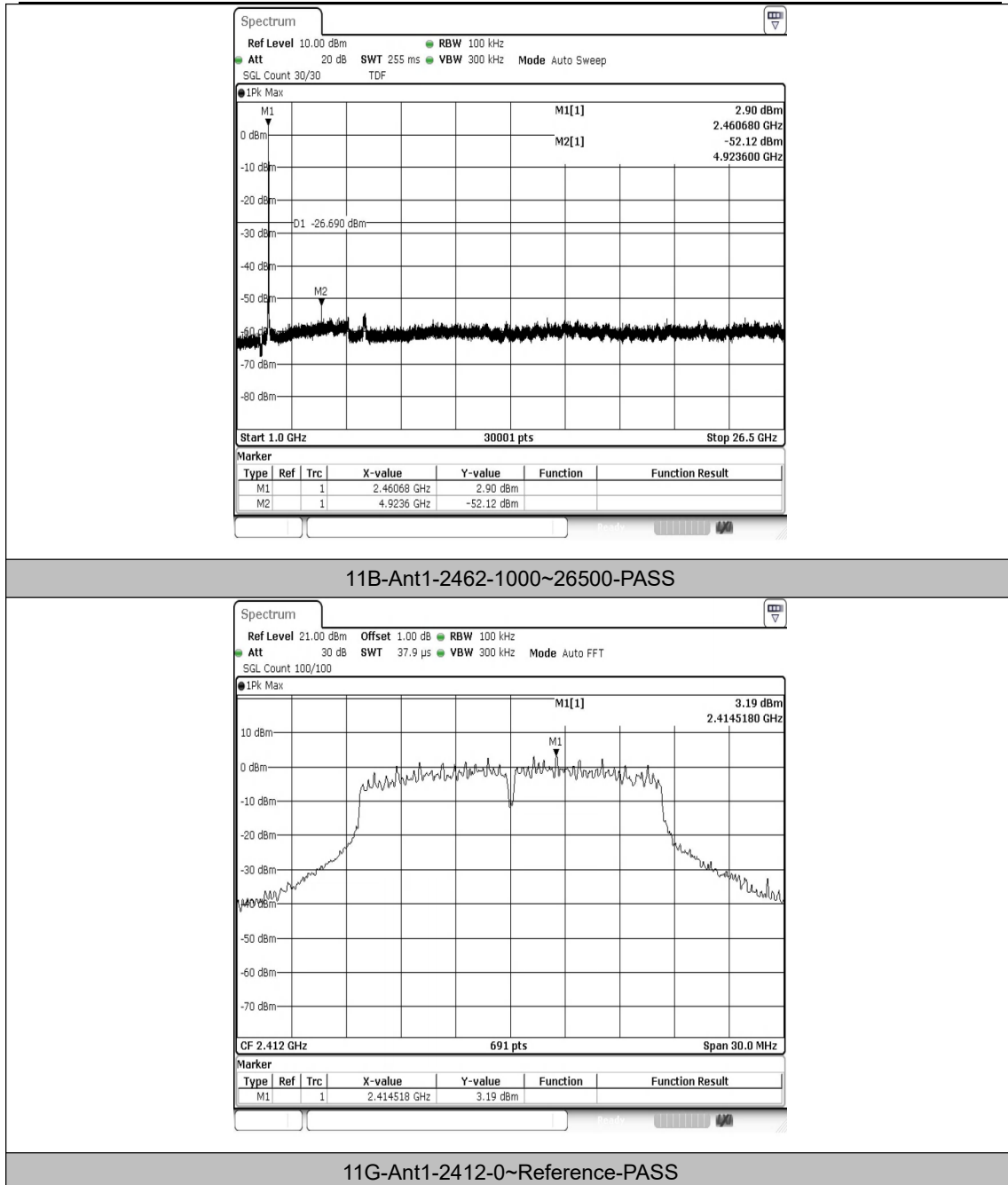


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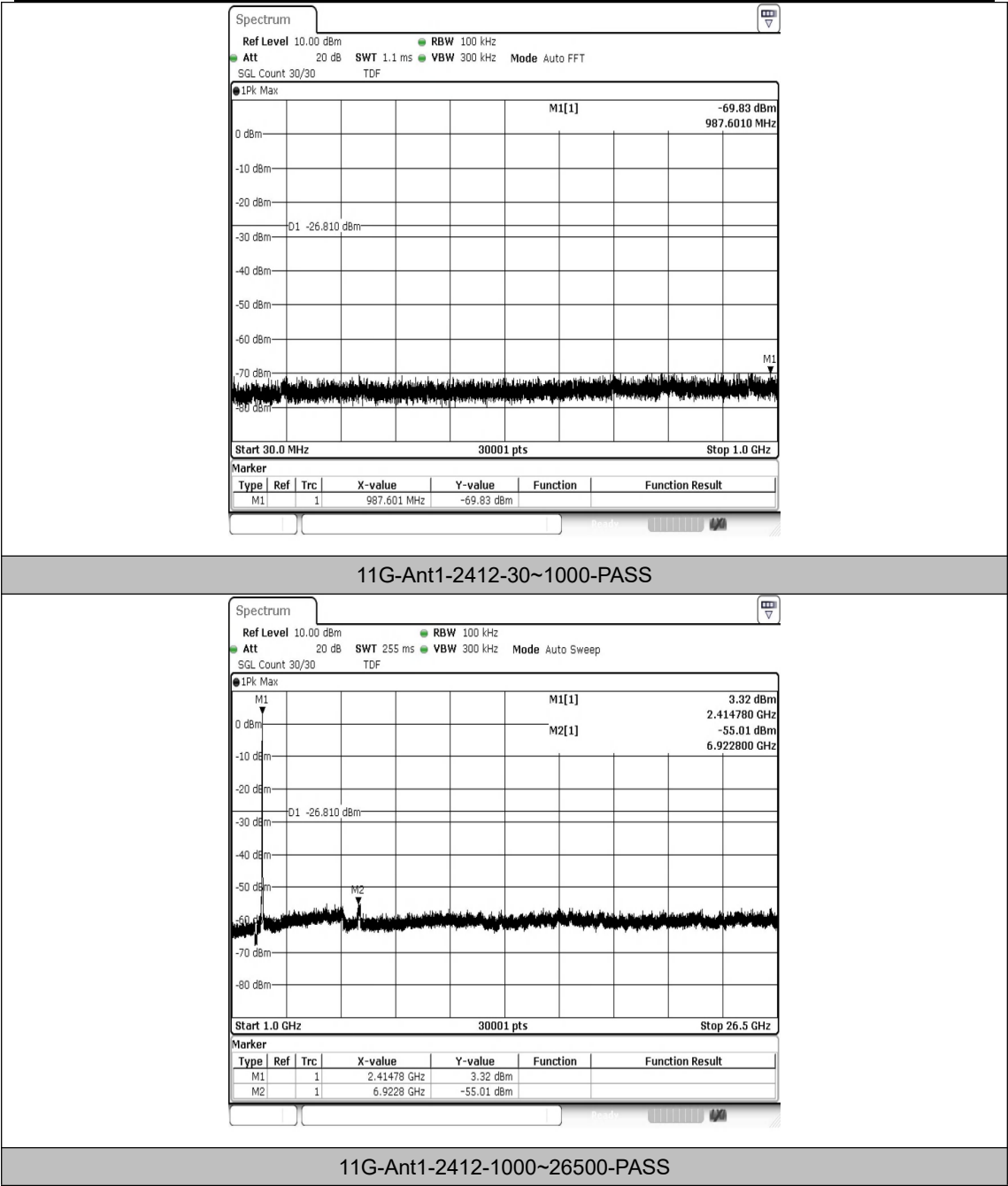
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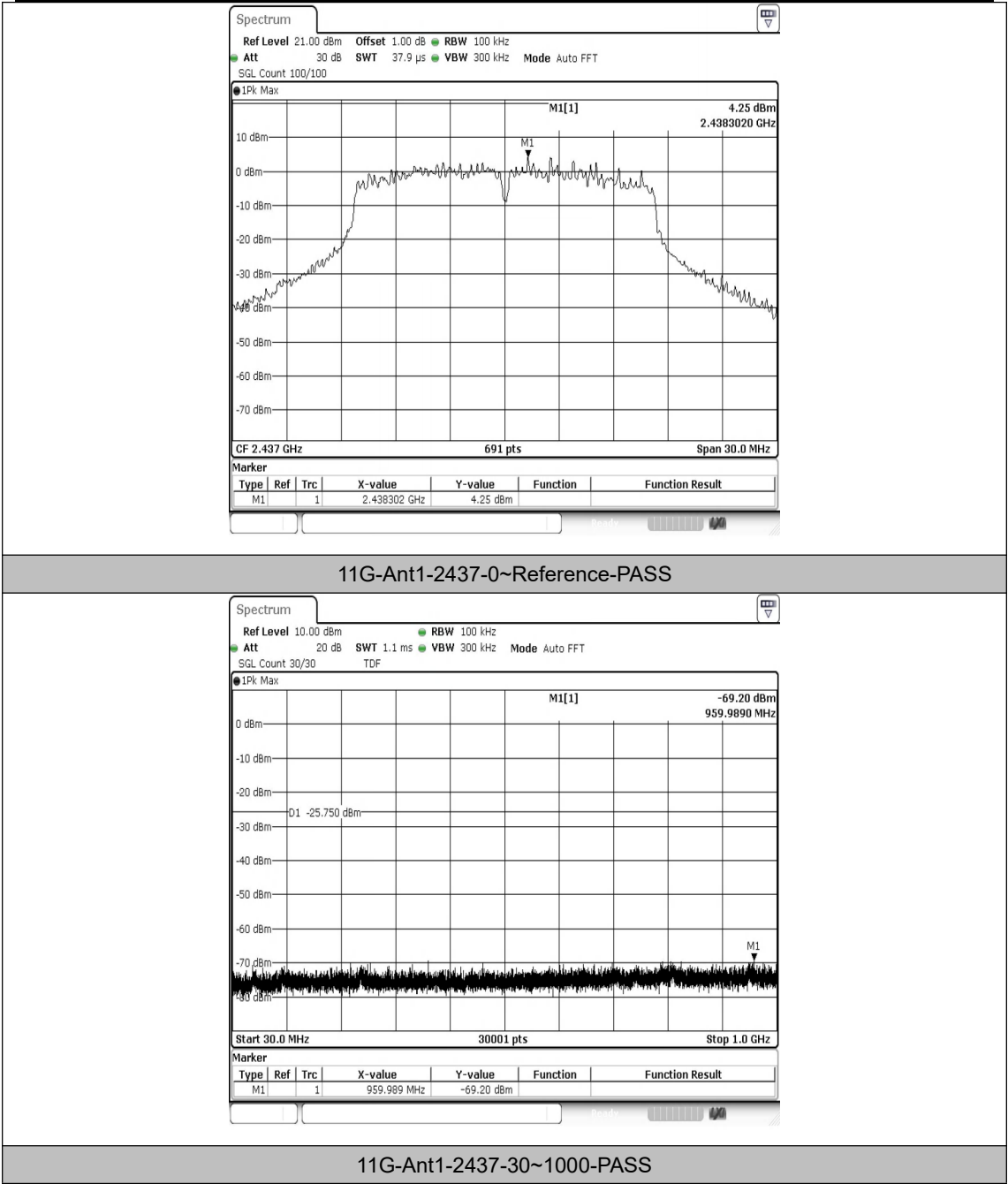


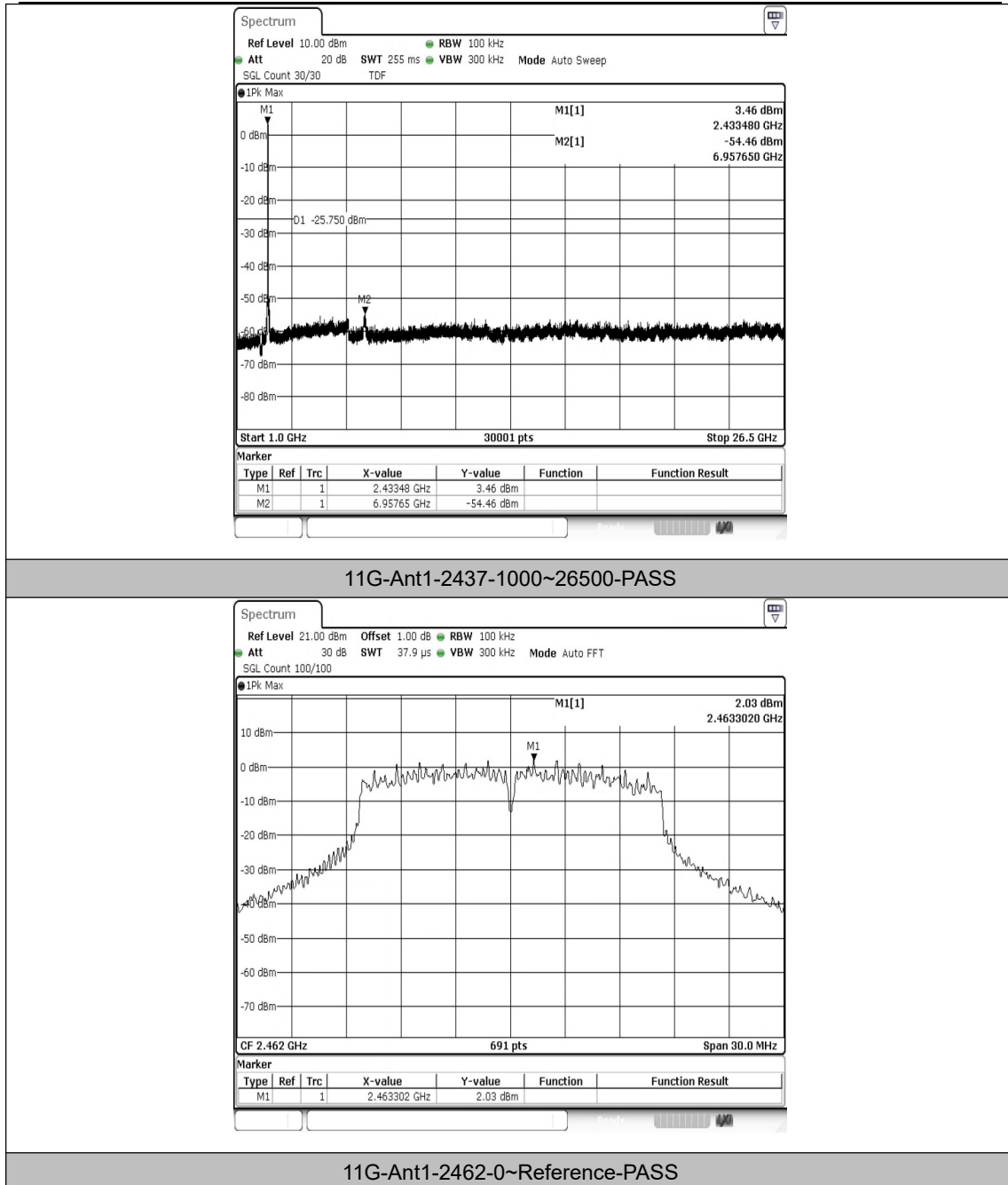
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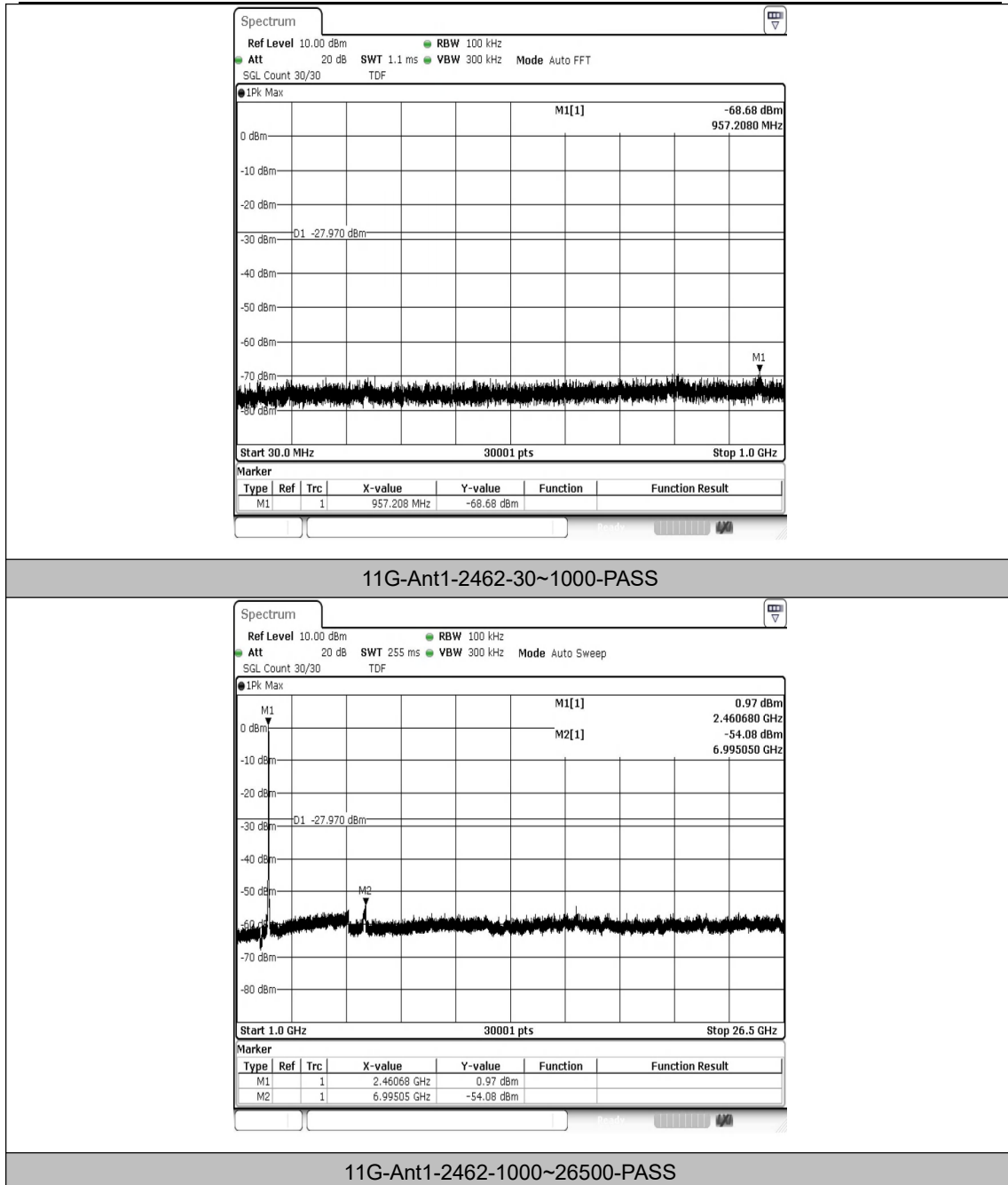




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Appendix G: Duty Cycle

Test Result

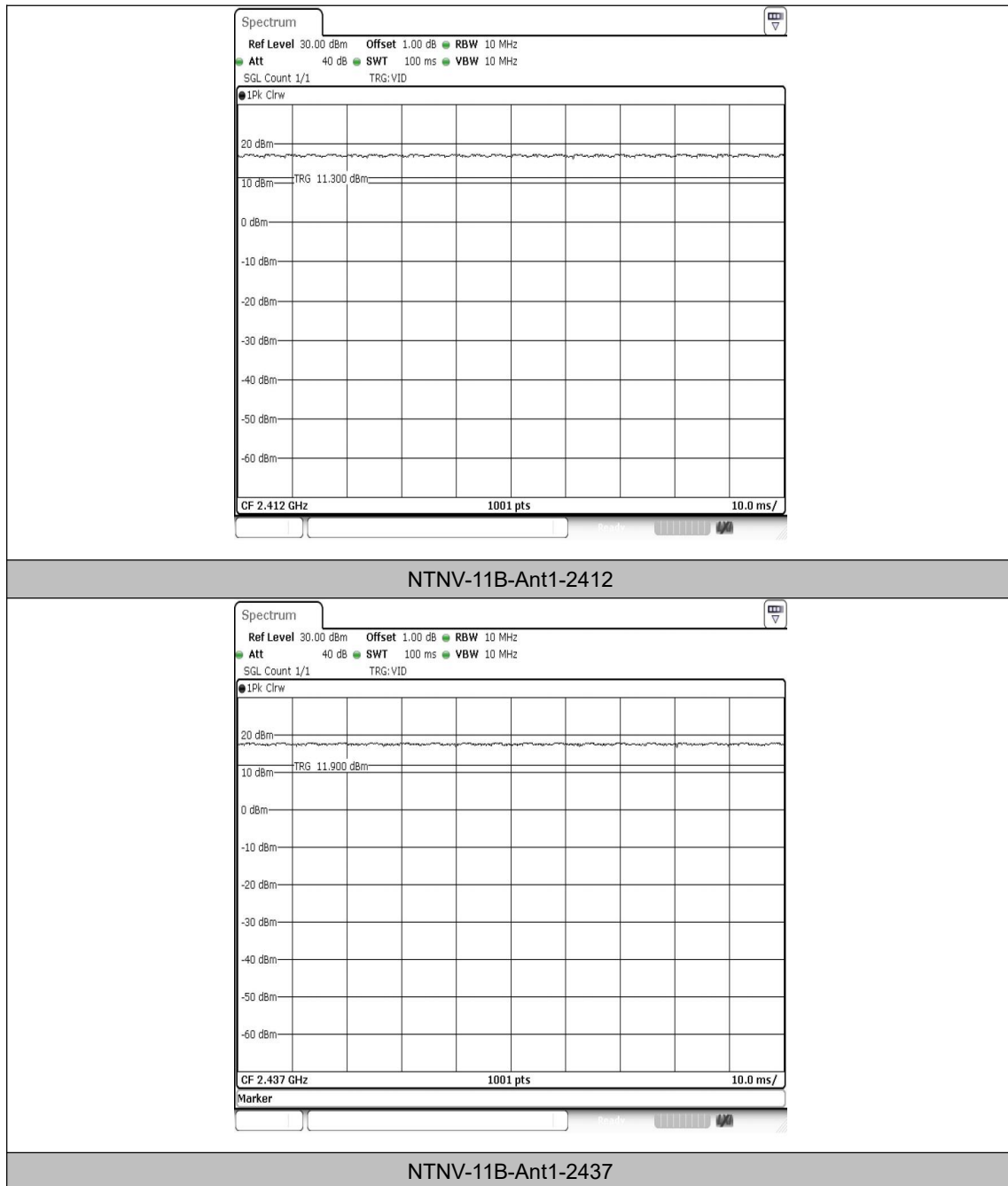
Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor [dB]
11B	Ant1	2412	100.00	100.00	100.00	0.00
11B	Ant1	2437	100.00	100.00	100.00	0.00
11B	Ant1	2462	100.00	100.00	100.00	0.00
11G	Ant1	2412	0.24	0.30	80.00	0.97
11G	Ant1	2437	0.24	0.30	80.00	0.97
11G	Ant1	2462	0.24	0.30	80.00	0.97

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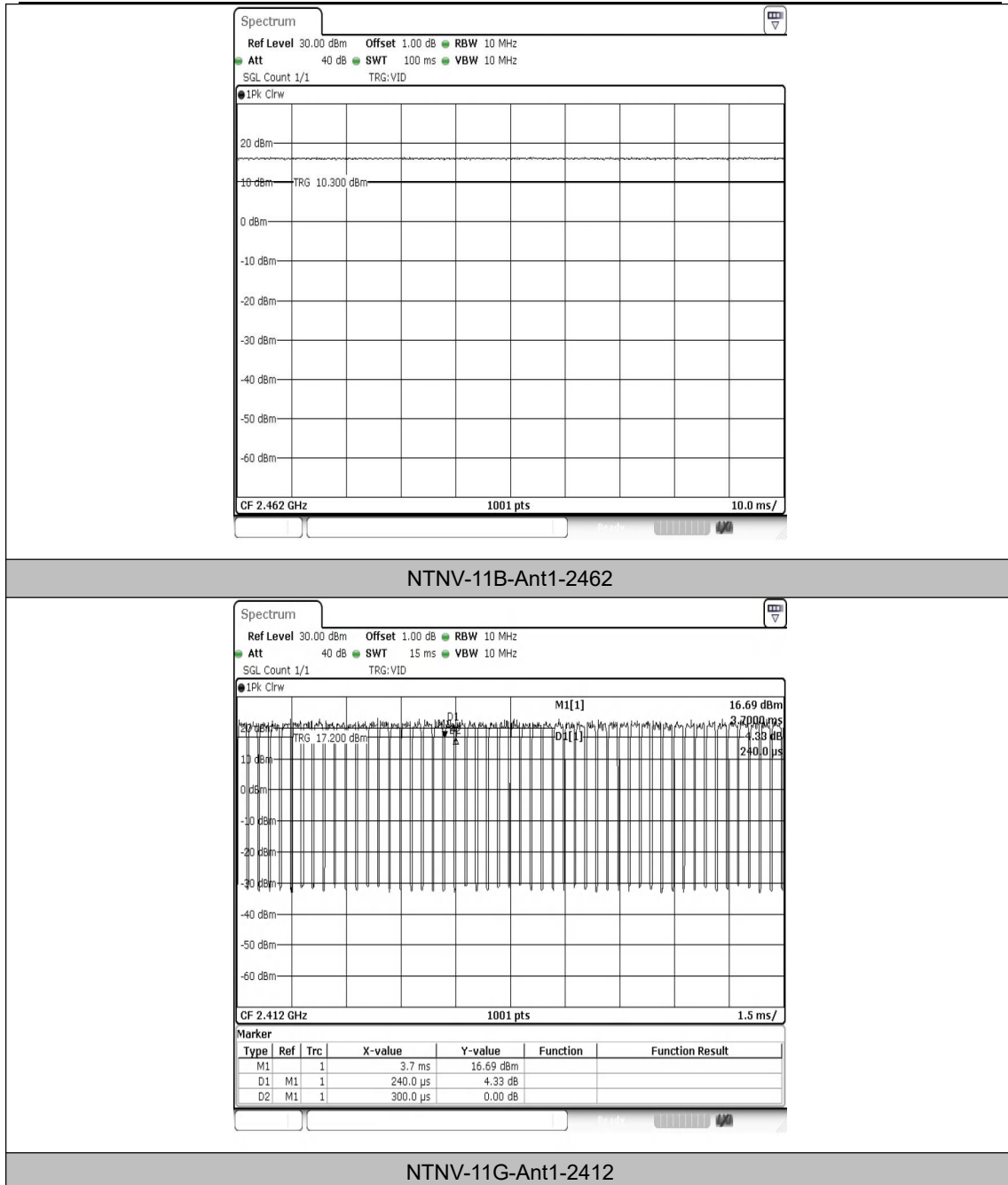
Test Graphs



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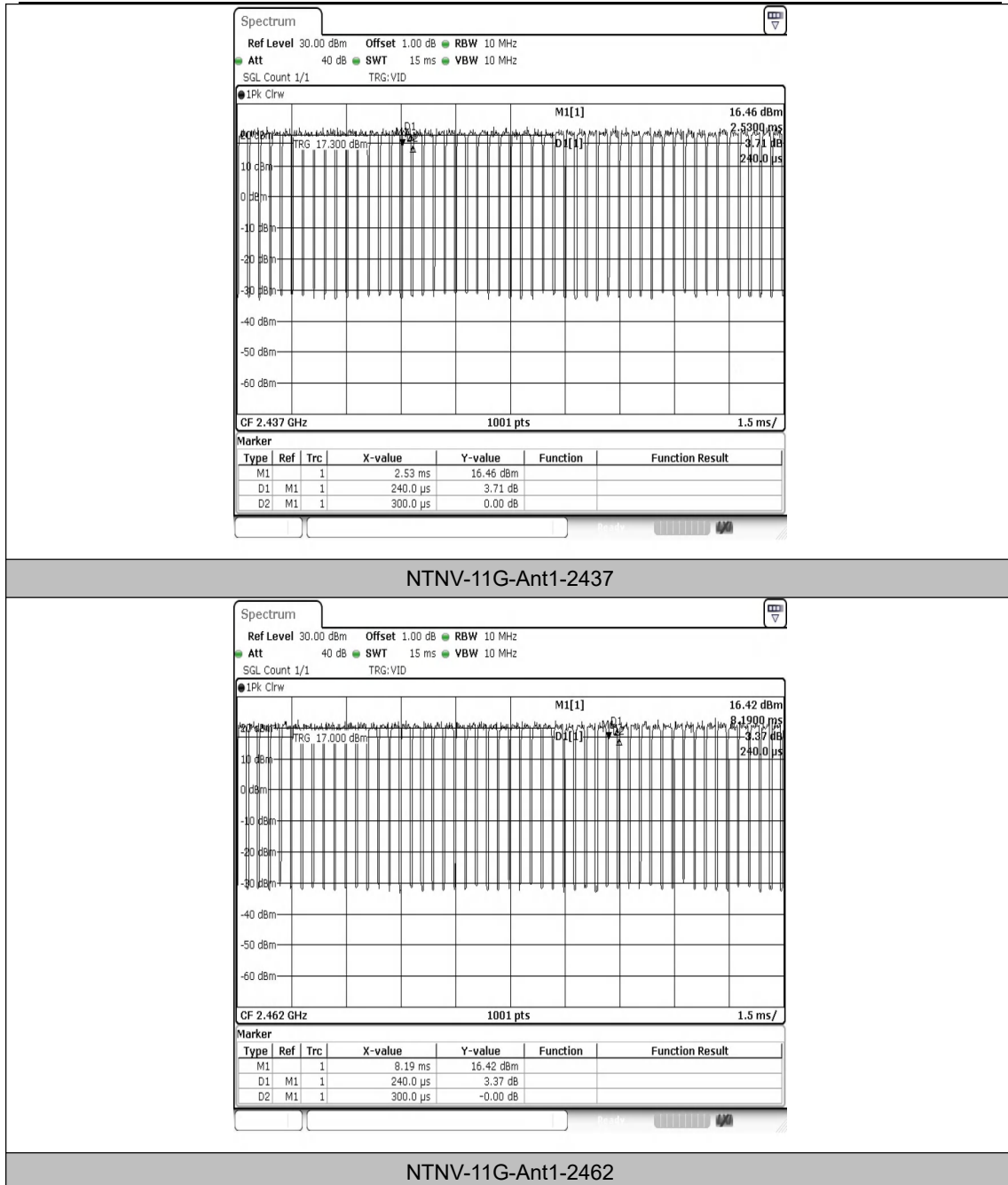


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