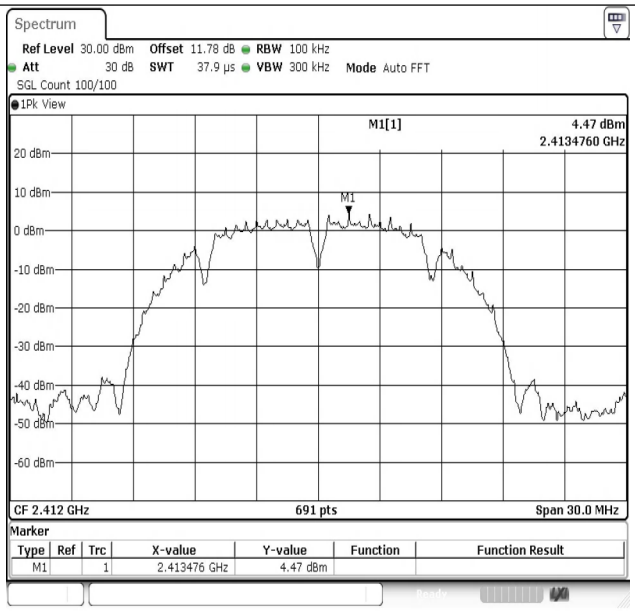
Appendix E: Conducted Spurious Emission

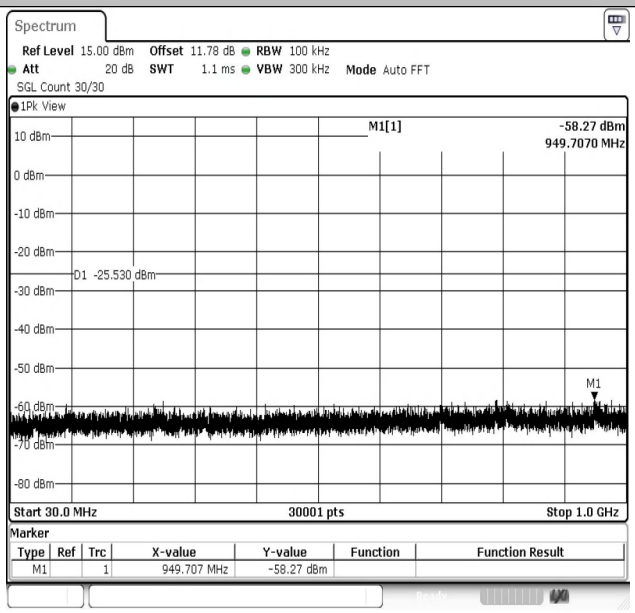
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [Mhz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	4.47	4.47	---	PASS
11B	Ant1	2412	30~1000	4.47	-58.27	≤-25.53	PASS
11B	Ant1	2412	1000~26500	4.47	-44.28	≤-25.53	PASS
11B	Ant1	2437	0~Reference	4.01	4.01	---	PASS
11B	Ant1	2437	30~1000	4.01	-57.97	≤-25.99	PASS
11B	Ant1	2437	1000~26500	4.01	-43.76	≤-25.99	PASS
11B	Ant1	2462	0~Reference	3.59	3.59	---	PASS
11B	Ant1	2462	30~1000	3.59	-58.09	≤-26.41	PASS
11B	Ant1	2462	1000~26500	3.59	-44.02	≤-26.41	PASS
11G	Ant1	2412	0~Reference	4.03	4.03	---	PASS
11G	Ant1	2412	30~1000	4.03	-58.4	≤-25.97	PASS
11G	Ant1	2412	1000~26500	4.03	-43.8	≤-25.97	PASS
11G	Ant1	2437	0~Reference	4.44	4.44	---	PASS
11G	Ant1	2437	30~1000	4.44	-58.3	≤-25.56	PASS
11G	Ant1	2437	1000~26500	4.44	-43.43	≤-25.56	PASS
11G	Ant1	2462	0~Reference	3.49	3.49	---	PASS
11G	Ant1	2462	30~1000	3.49	-58.42	≤-26.51	PASS
11G	Ant1	2462	1000~26500	3.49	-43.44	≤-26.51	PASS
11N20SISO	Ant1	2412	0~Reference	4.59	4.59	---	PASS
11N20SISO	Ant1	2412	30~1000	4.59	-58	≤-25.41	PASS
11N20SISO	Ant1	2412	1000~26500	4.59	-43.68	≤-25.41	PASS
11N20SISO	Ant1	2437	0~Reference	4.43	4.43	---	PASS
11N20SISO	Ant1	2437	30~1000	4.43	-57.82	≤-25.57	PASS
11N20SISO	Ant1	2437	1000~26500	4.43	-44.28	≤-25.57	PASS
11N20SISO	Ant1	2462	0~Reference	3.90	3.90	---	PASS
11N20SISO	Ant1	2462	30~1000	3.90	-58.11	≤-26.1	PASS
11N20SISO	Ant1	2462	1000~26500	3.90	-44.04	≤-26.1	PASS
11N40SISO	Ant1	2422	0~Reference	0.95	0.95	---	PASS
11N40SISO	Ant1	2422	30~1000	0.95	-57.84	≤-29.05	PASS
11N40SISO	Ant1	2422	1000~26500	0.95	-44.01	≤-29.05	PASS
11N40SISO	Ant1	2437	0~Reference	0.91	0.91	---	PASS
11N40SISO	Ant1	2437	30~1000	0.91	-58.59	≤-29.09	PASS
11N40SISO	Ant1	2437	1000~26500	0.91	-44.05	≤-29.09	PASS
11N40SISO	Ant1	2452	0~Reference	1.00	1.00	---	PASS
11N40SISO	Ant1	2452	30~1000	1.00	-58.24	≤-29	PASS
11N40SISO	Ant1	2452	1000~26500	1.00	-43.47	≤-29	PASS

Test Graphs



11B-Ant1-2412-0~Reference-PASS



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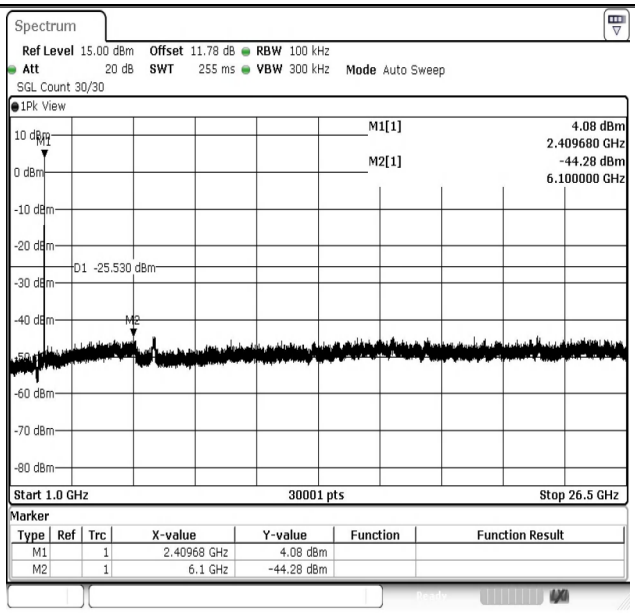
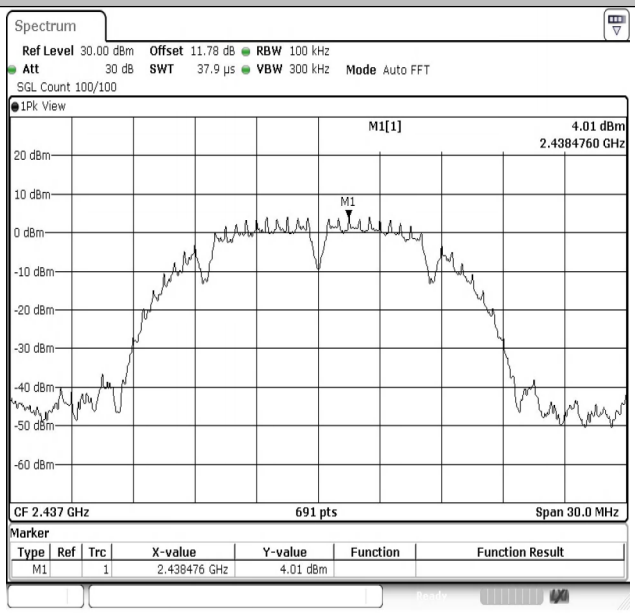
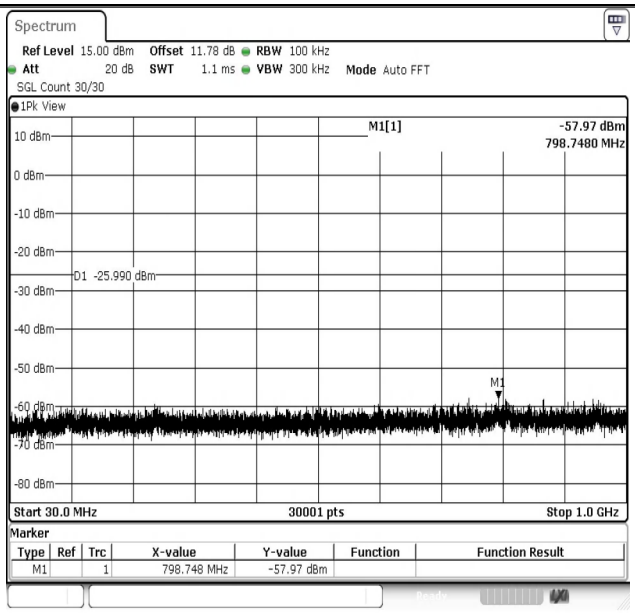


11B-Ant1-2412-1000~26500-PASS



11B-Ant1-2437-0~Reference-PASS



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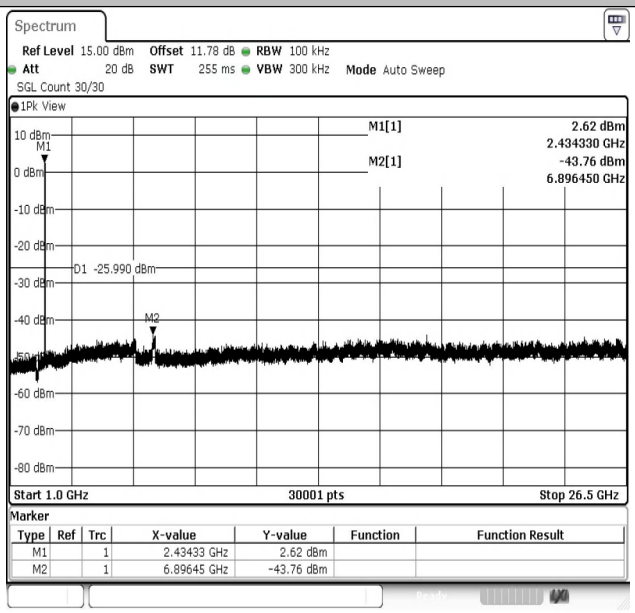

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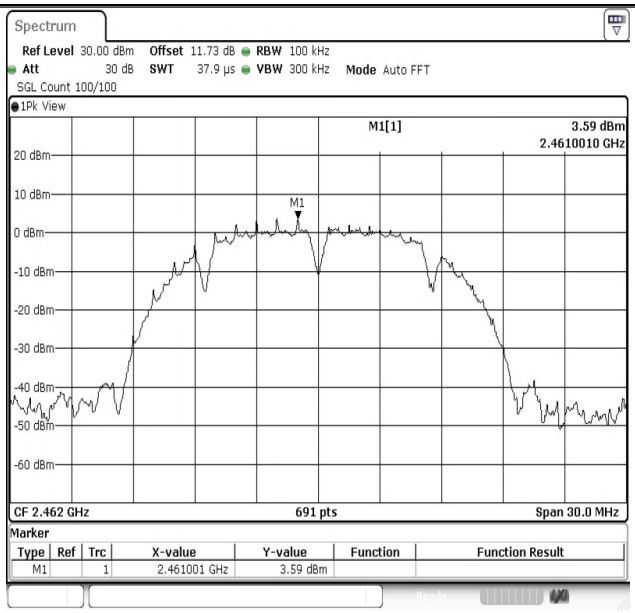
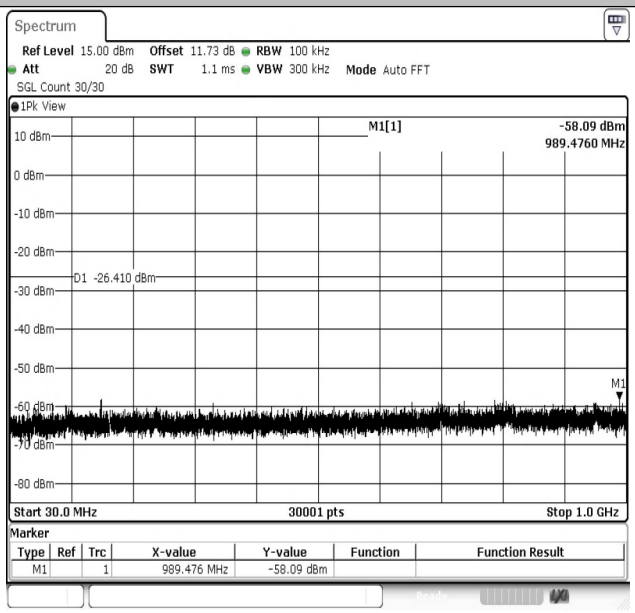


11B-Ant1-2462-0~Reference-PASS



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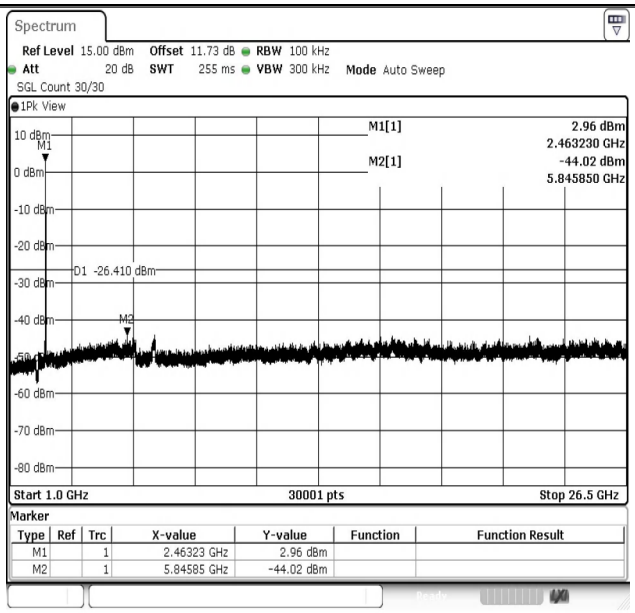
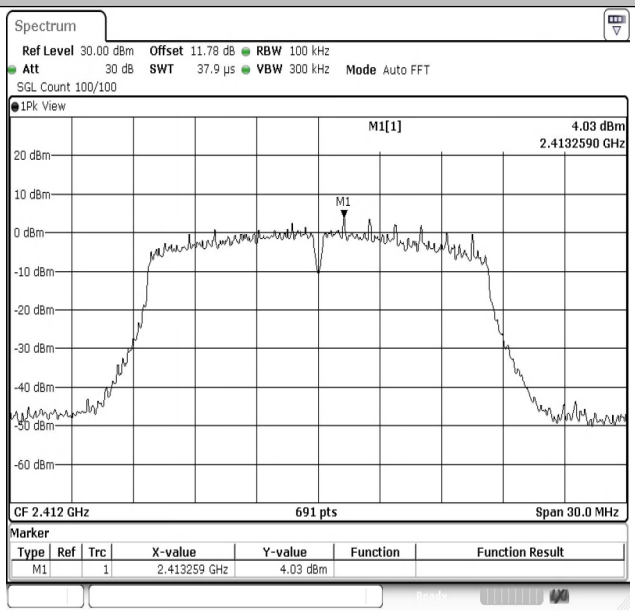


11B-Ant1-2462-1000~26500-PASS



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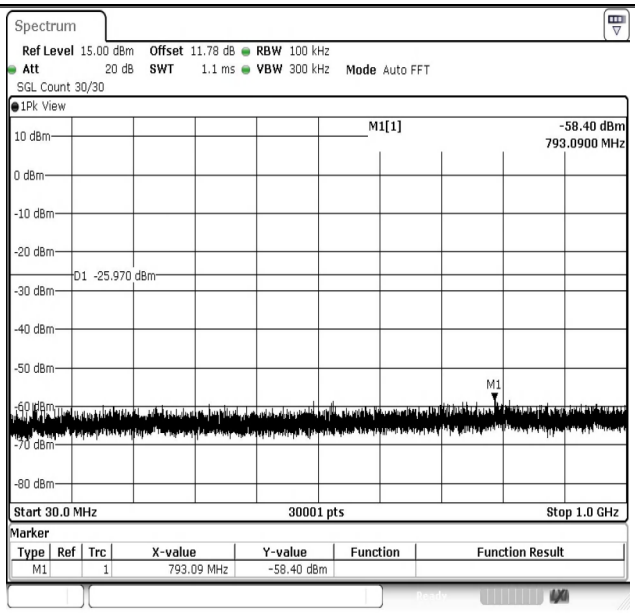

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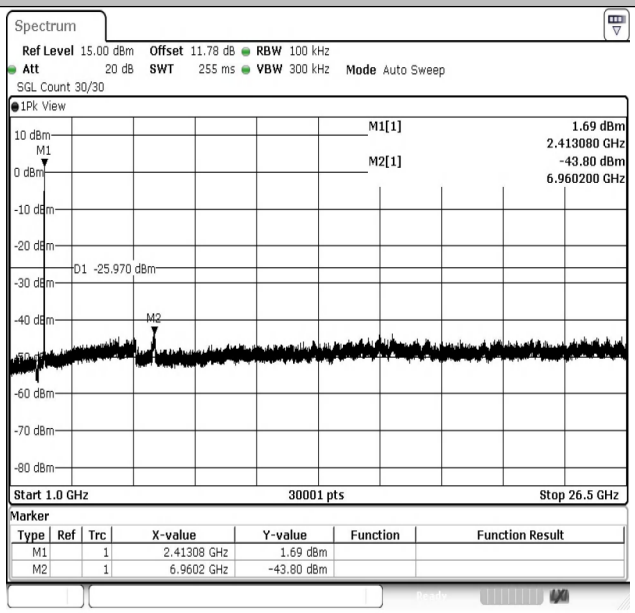
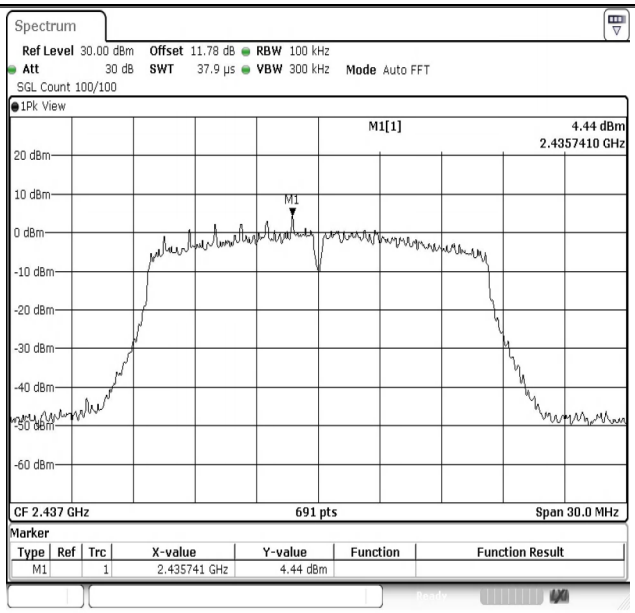


11G-Ant1-2412-1000~26500-PASS



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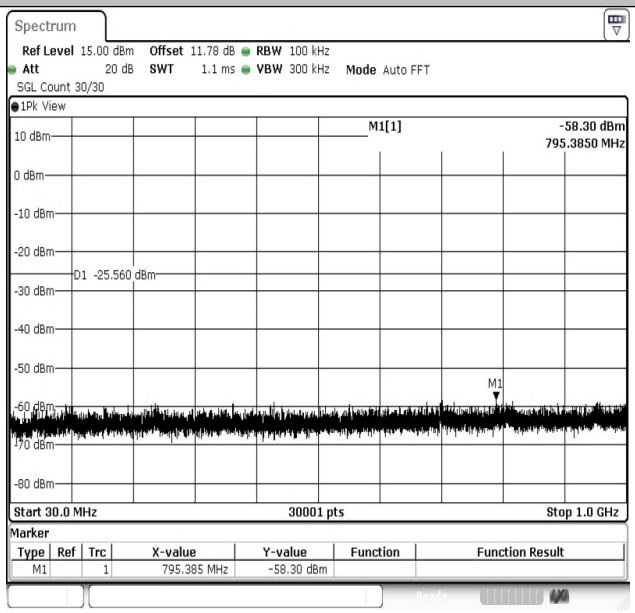
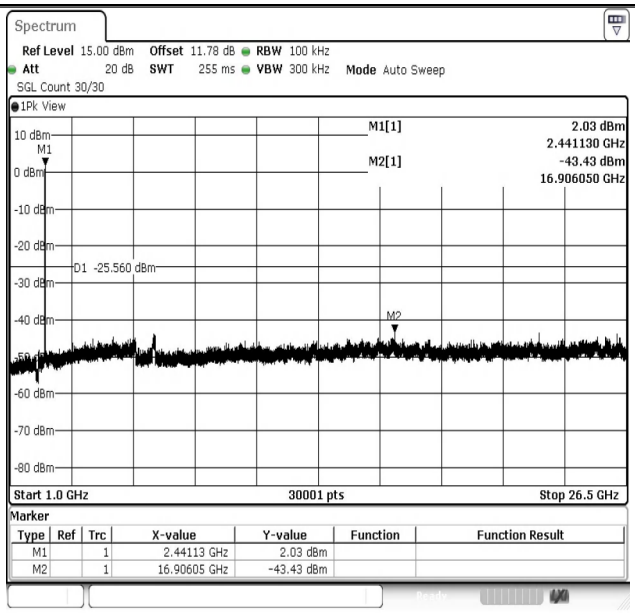


11G-Ant1-2437-30~1000-PASS



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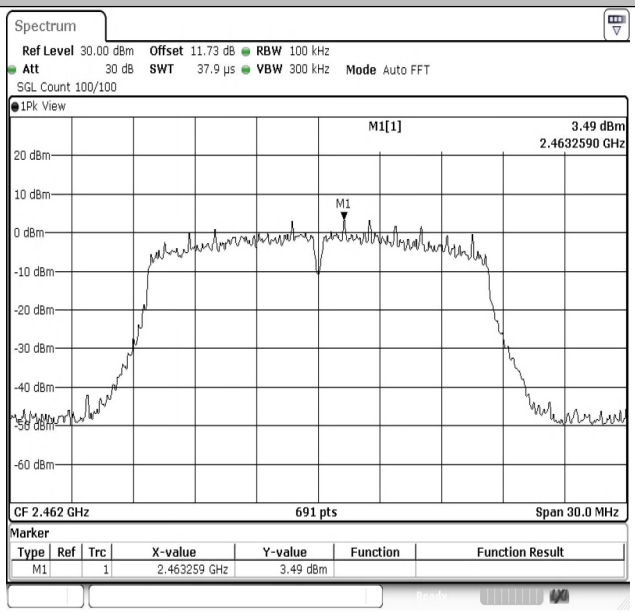

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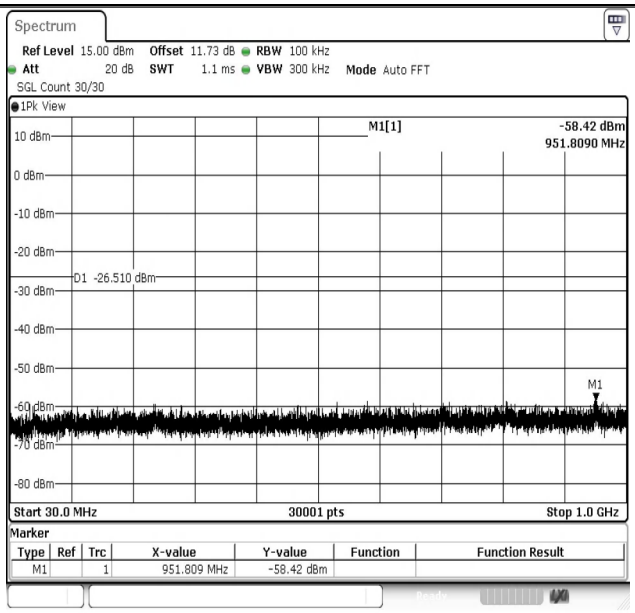

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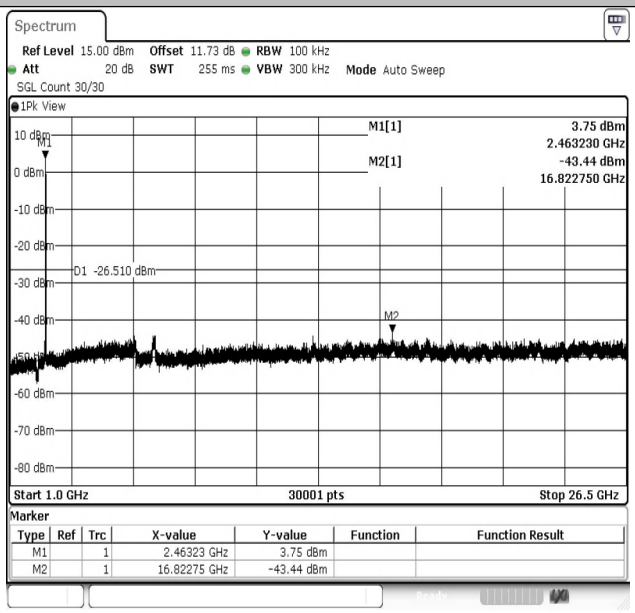

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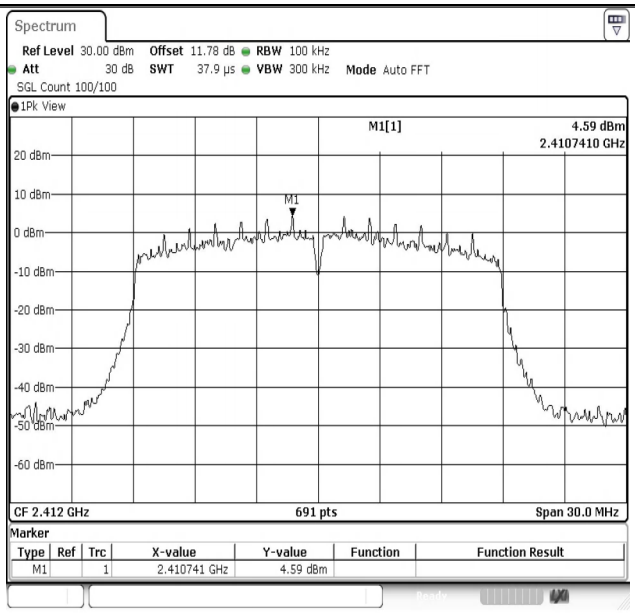
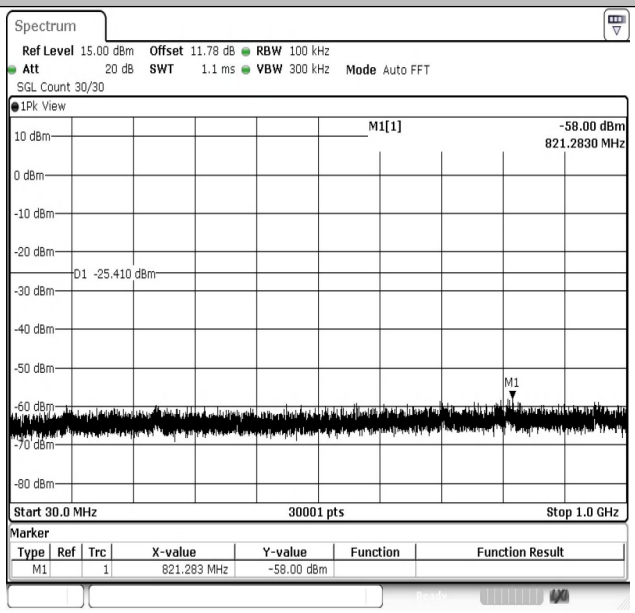
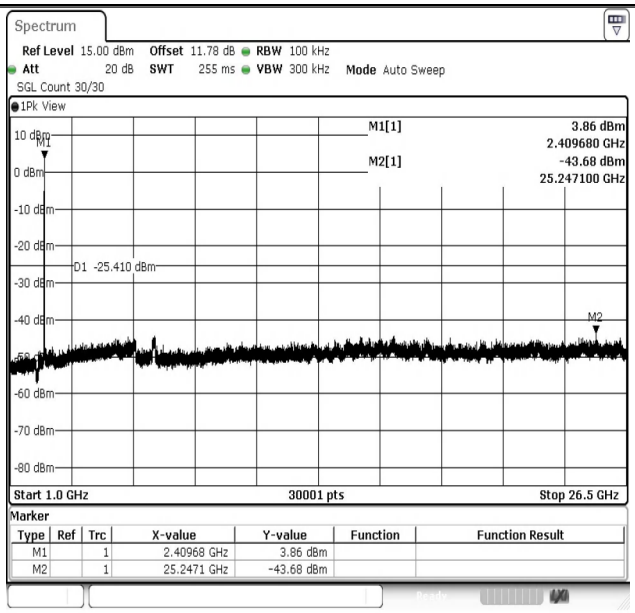


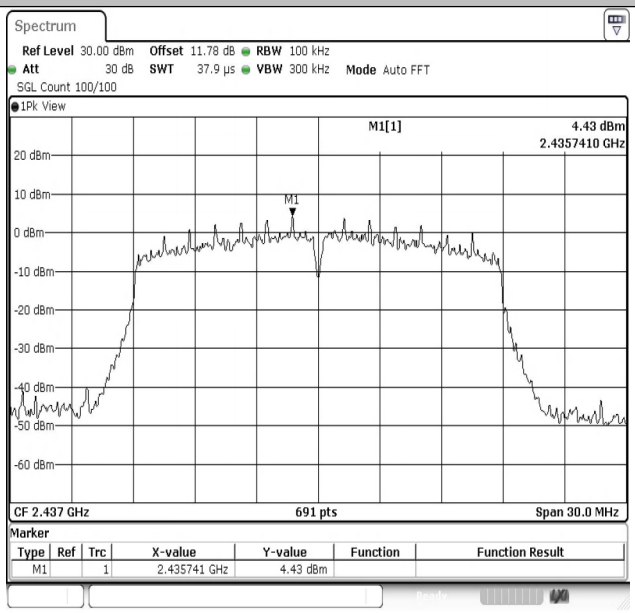
11N20SISO-Ant1-2412-0~Reference-PASS



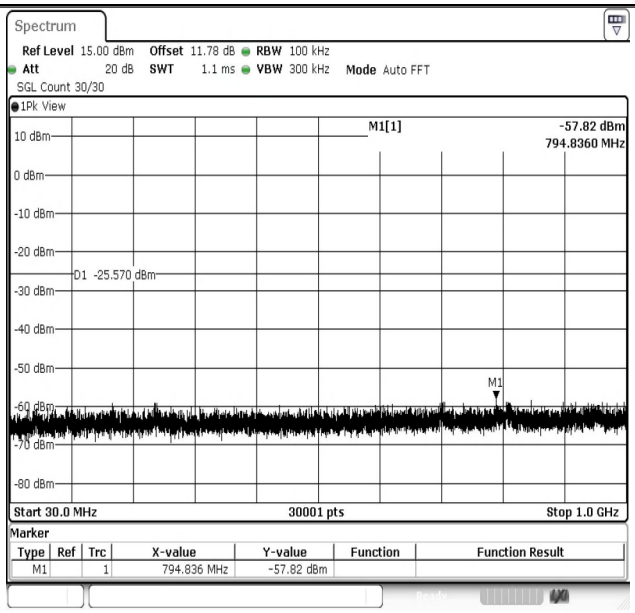
11N20SISO-Ant1-2412-30~1000-PASS



11N20SISO-Ant1-2412-1000~26500-PASS



11N20SISO-Ant1-2437-0~Reference-PASS



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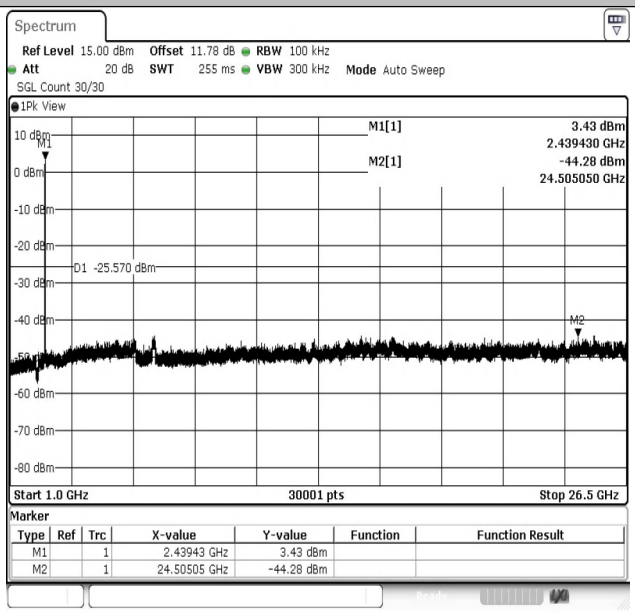

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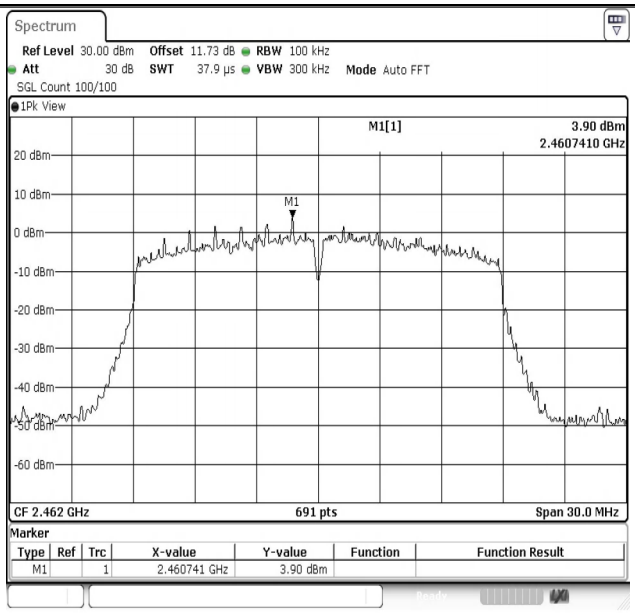
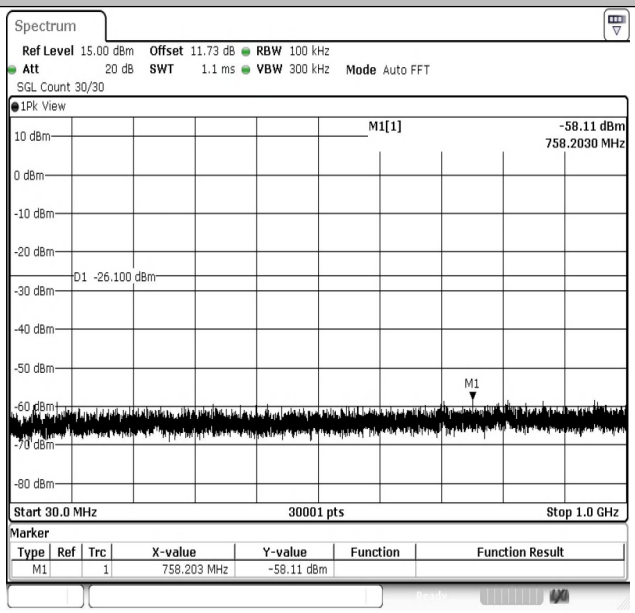


11N20SISO-Ant1-2462-0~Reference-PASS



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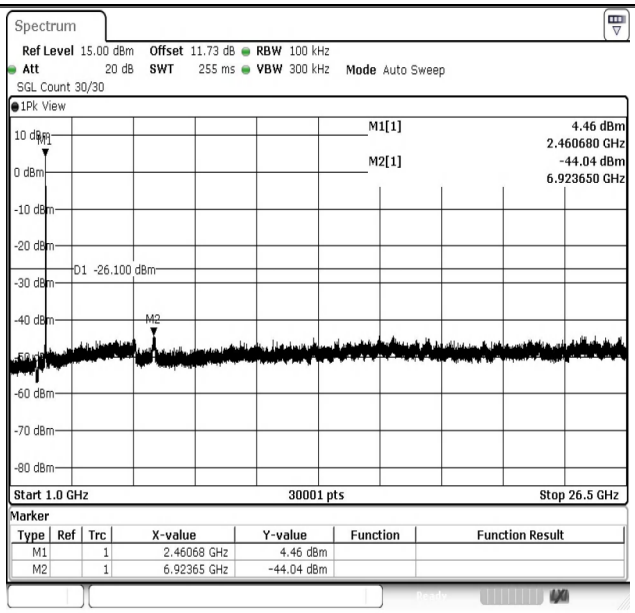

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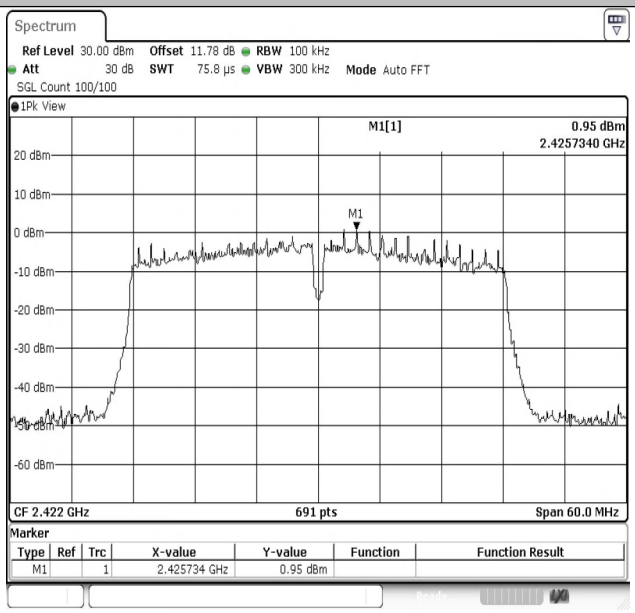
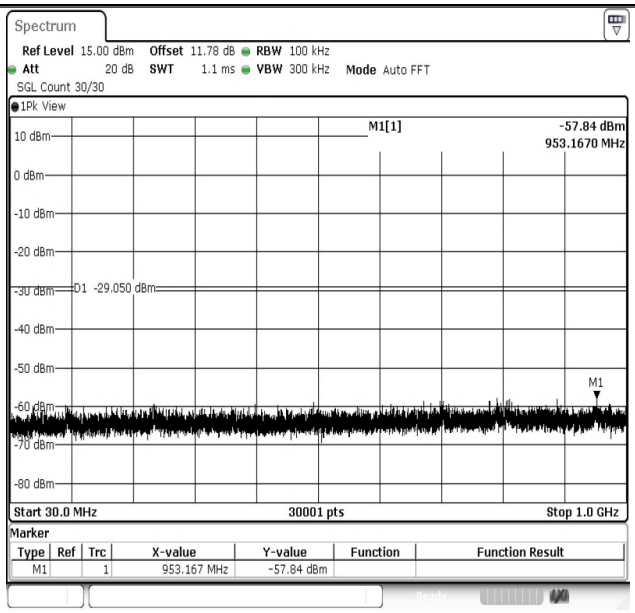


11N40SISO-Ant1-2422-0~Reference-PASS



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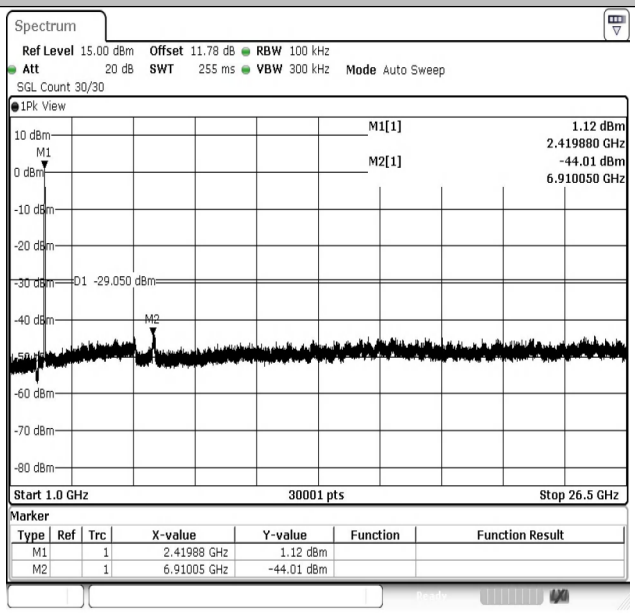

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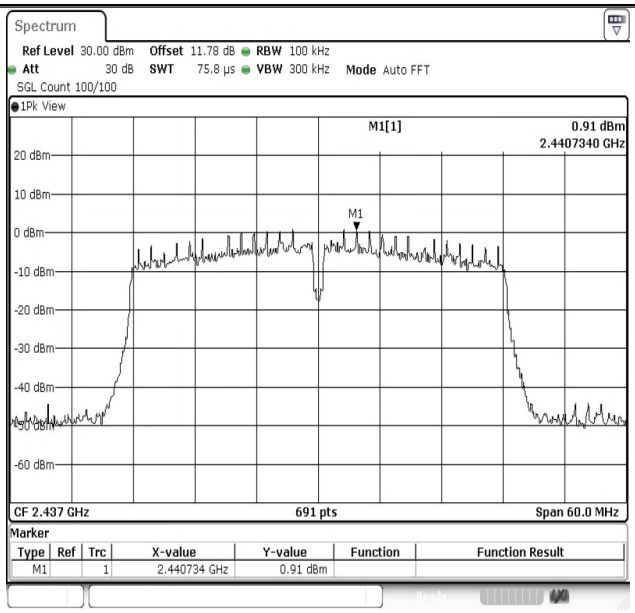

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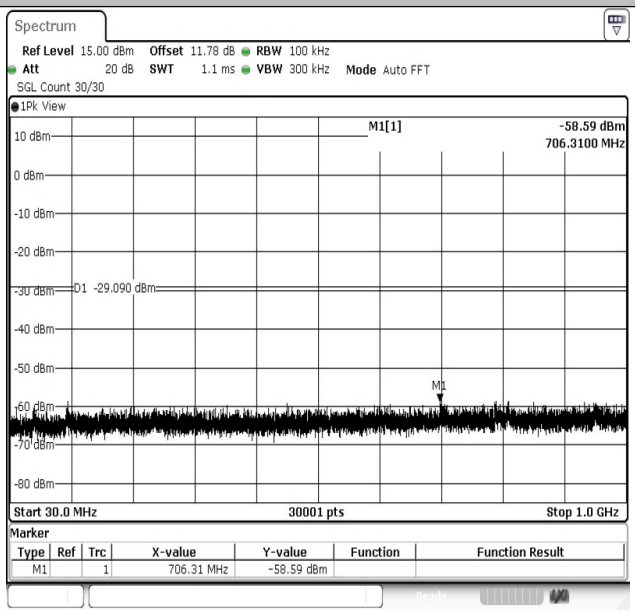

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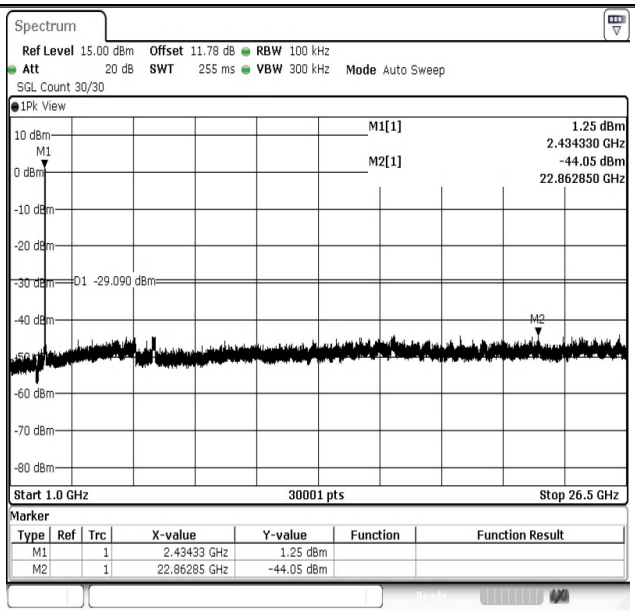

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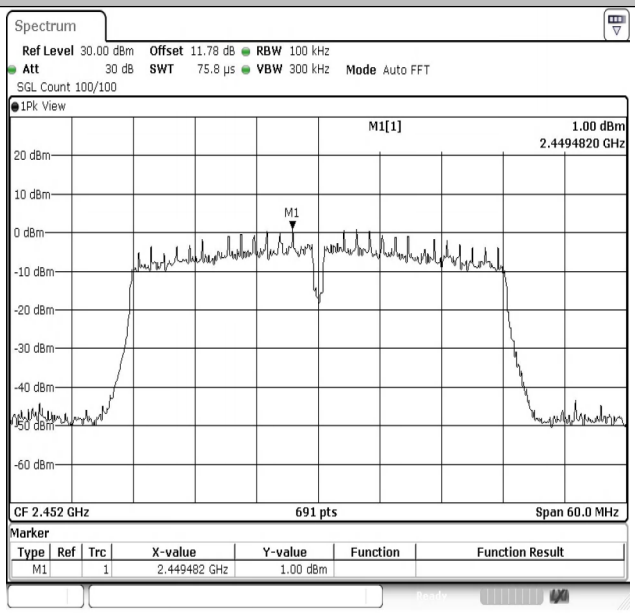
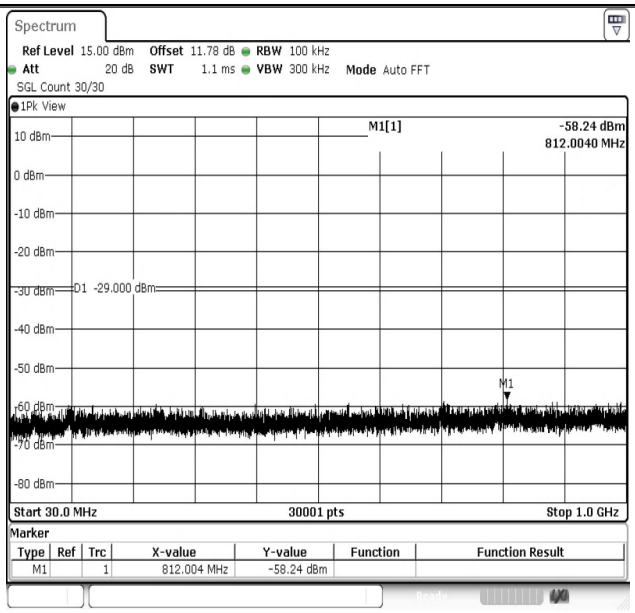
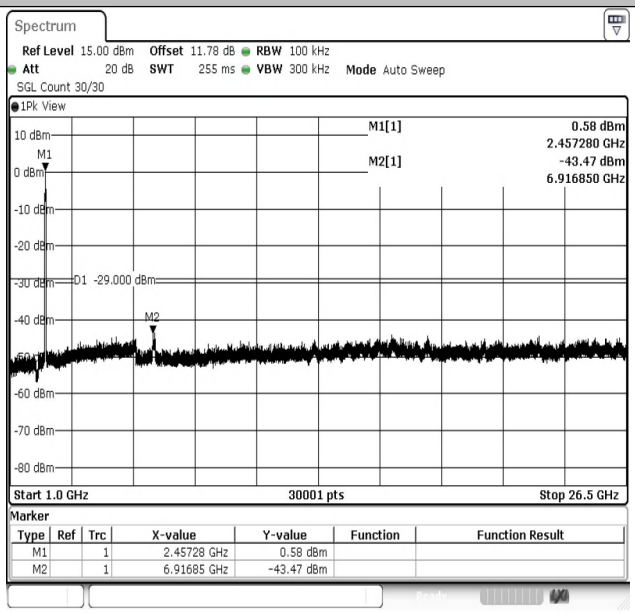


11N40SISO-Ant1-2452-0~Reference-PASS



11N40SISO-Ant1-2452-30~1000-PASS



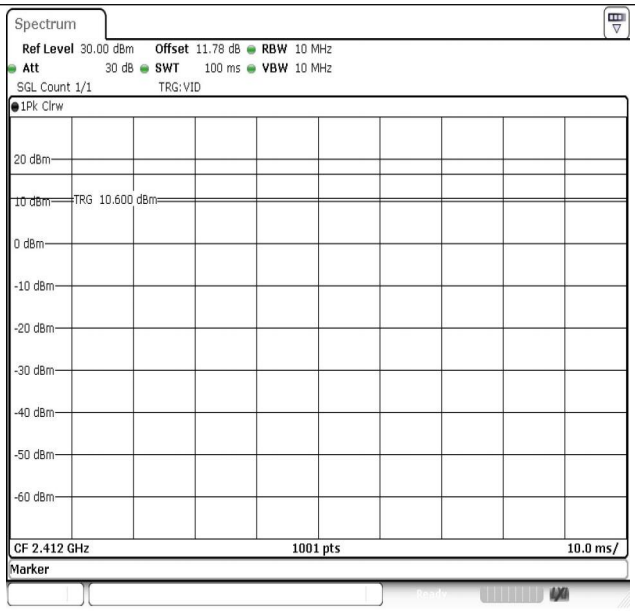
11N40SISO-Ant1-2452-1000~26500-PASS

Appendix F: Duty Cycle

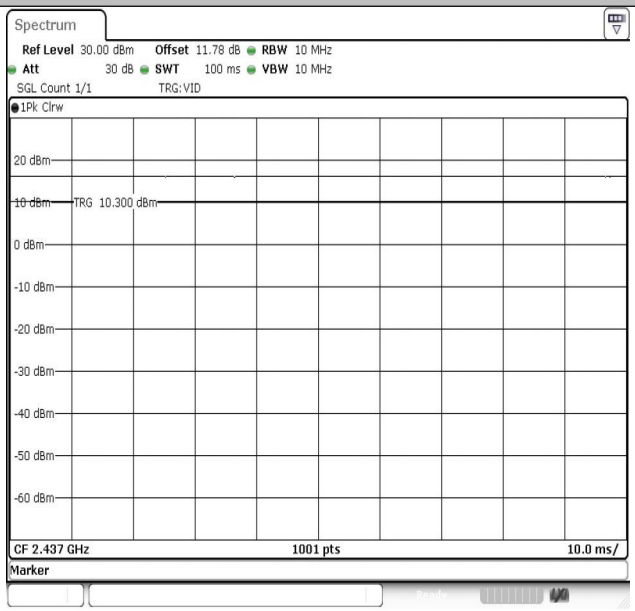
Test Result

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	100.00	100.00	100.00	0.00
11G	Ant1	2437	100.00	100.00	100.00	0.00
11G	Ant1	2462	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2412	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N20SISO	Ant1	2462	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2422	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2437	100.00	100.00	100.00	0.00
11N40SISO	Ant1	2452	100.00	100.00	100.00	0.00

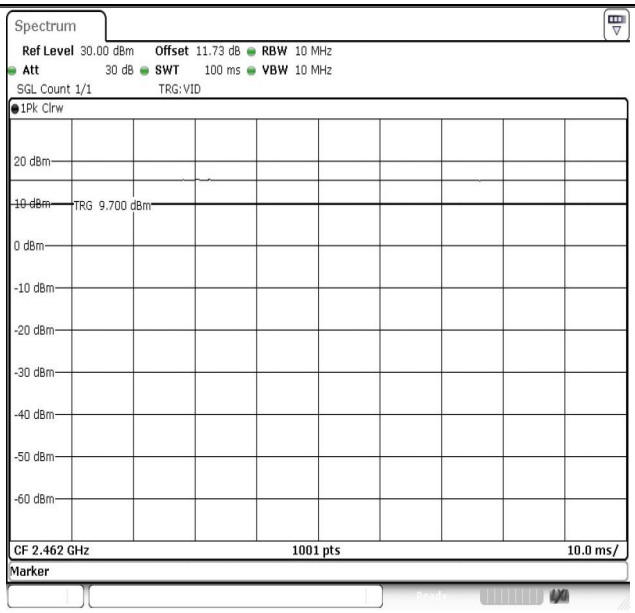
Test Graphs



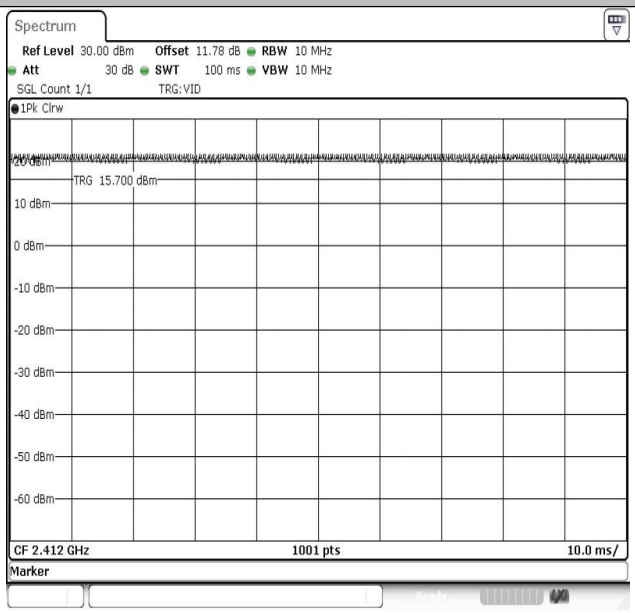
NTNV-11B-Ant1-2412



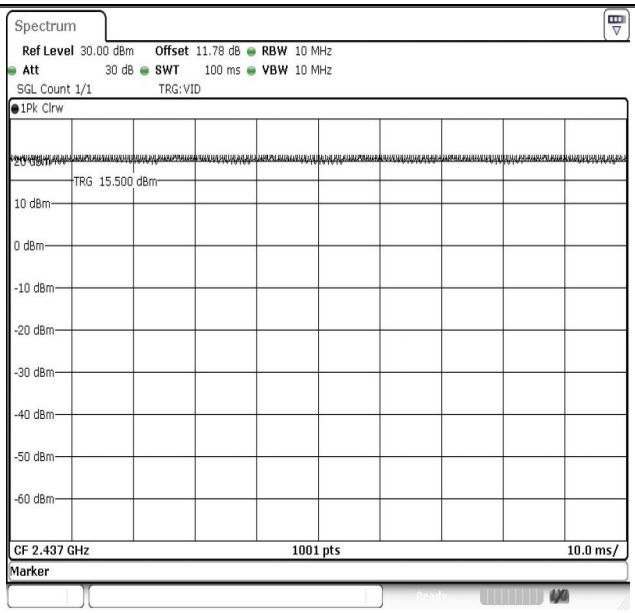
NTNV-11B-Ant1-2437



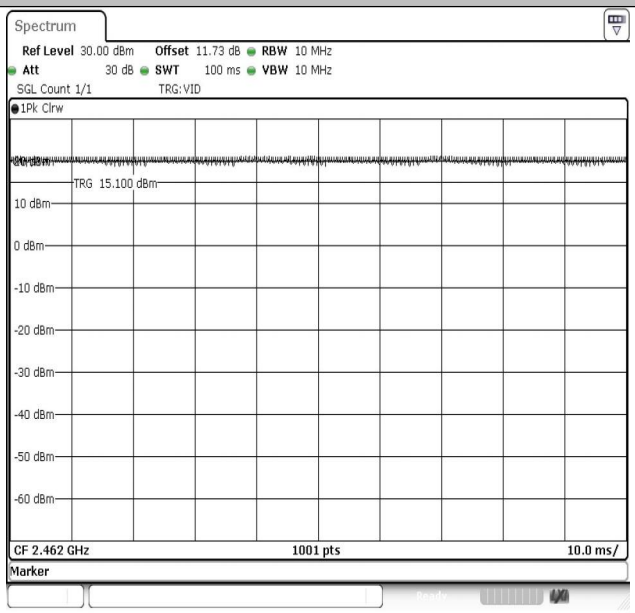
NTNV-11B-Ant1-2462



NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437



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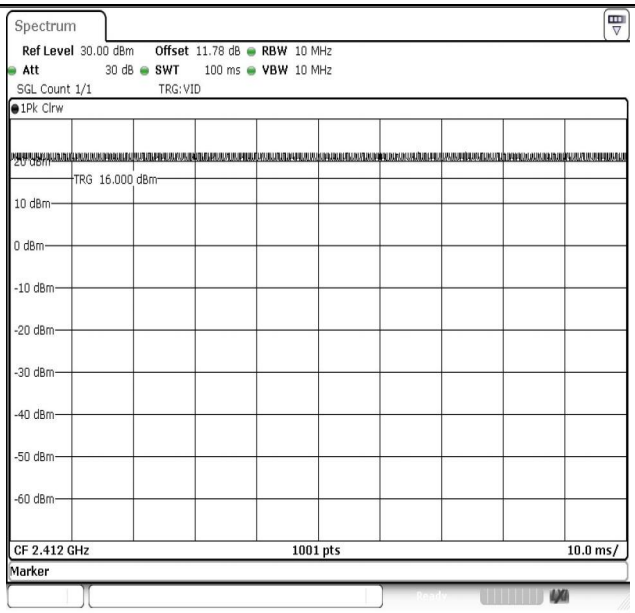

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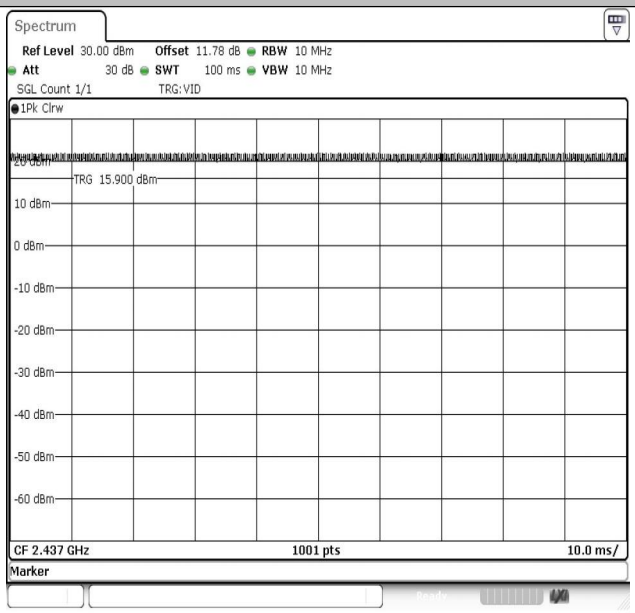

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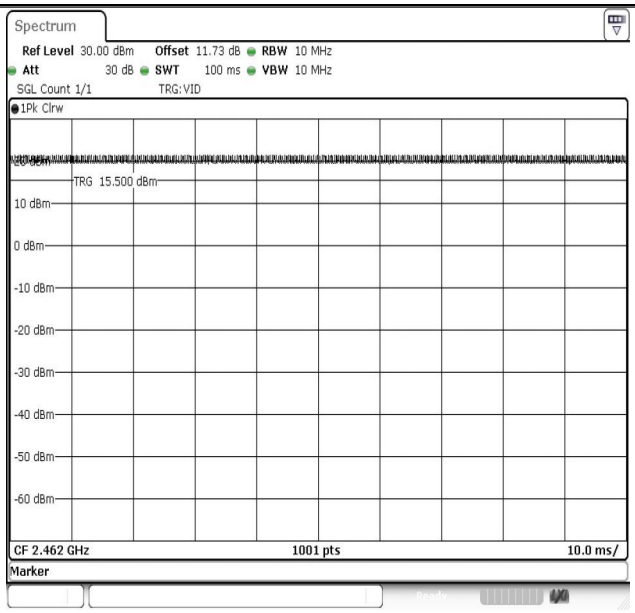

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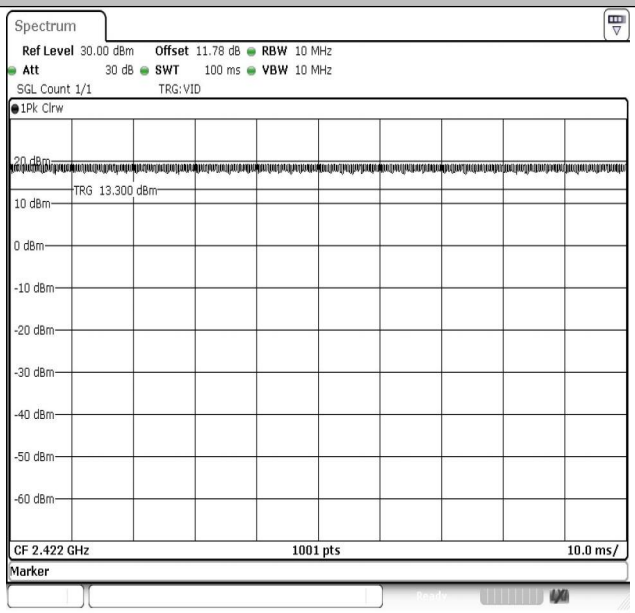

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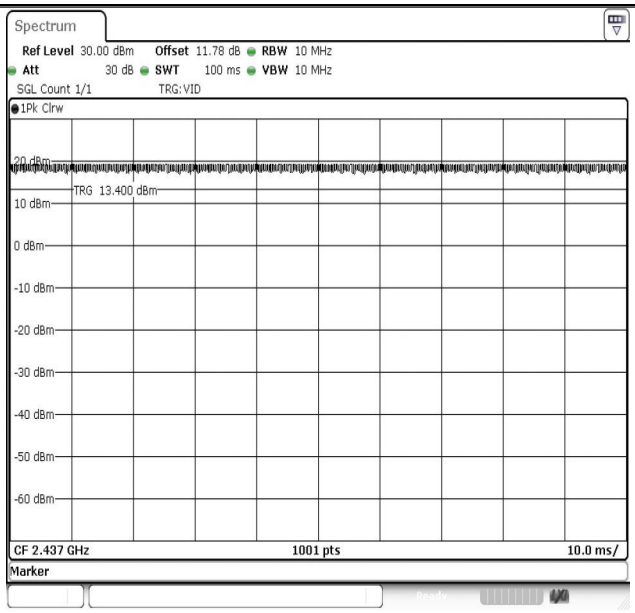

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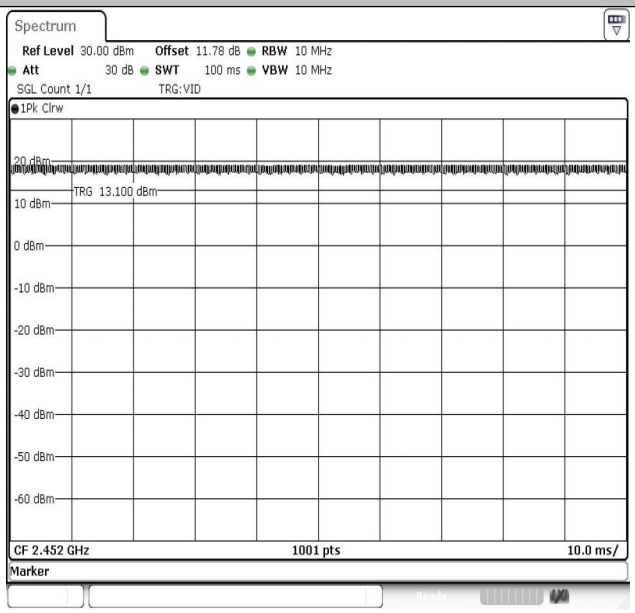

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