

6: Conducted Spurious Emission

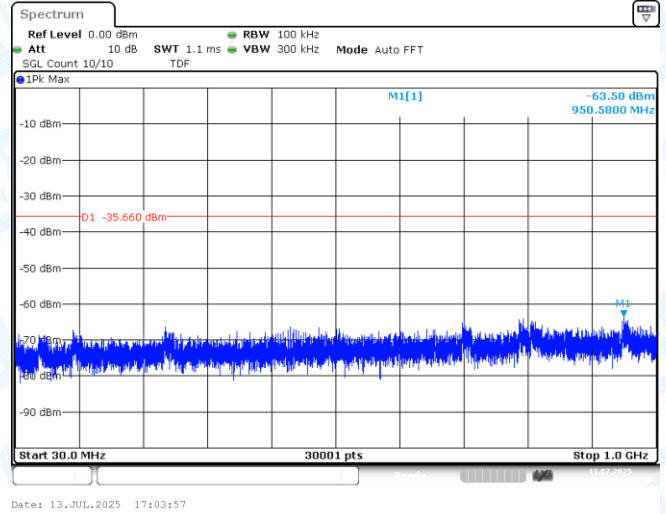
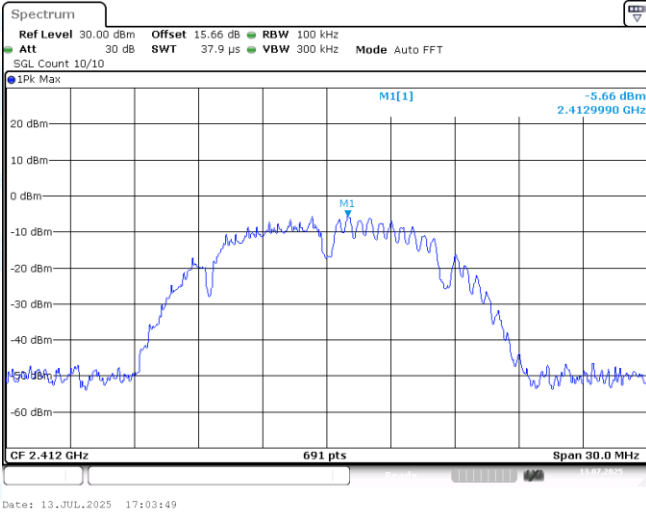
6.1 Test Result

TestMode	Ant.	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	-5.66	-5.66	---	PASS
11B	Ant1	2412	30~1000	-5.66	-63.5	≤-35.66	PASS
11B	Ant1	2412	1000~26500	-5.66	-46.72	≤-35.66	PASS
11B	Ant1	2437	0~Reference	-5.91	-5.91	---	PASS
11B	Ant1	2437	30~1000	-5.91	-63.25	≤-35.91	PASS
11B	Ant1	2437	1000~26500	-5.91	-47.37	≤-35.91	PASS
11B	Ant1	2462	0~Reference	-4.82	-4.82	---	PASS
11B	Ant1	2462	30~1000	-4.82	-63.74	≤-34.82	PASS
11B	Ant1	2462	1000~26500	-4.82	-46.68	≤-34.82	PASS
11G	Ant1	2412	0~Reference	-15.17	-15.17	---	PASS
11G	Ant1	2412	30~1000	-15.17	-62.77	≤-45.17	PASS
11G	Ant1	2412	1000~26500	-15.17	-47.22	≤-45.17	PASS
11G	Ant1	2437	0~Reference	-15.18	-15.18	---	PASS
11G	Ant1	2437	30~1000	-15.18	-63.79	≤-45.18	PASS
11G	Ant1	2437	1000~26500	-15.18	-47.3	≤-45.18	PASS
11G	Ant1	2462	0~Reference	-14.82	-14.82	---	PASS
11G	Ant1	2462	30~1000	-14.82	-62.77	≤-44.82	PASS
11G	Ant1	2462	1000~26500	-14.82	-47.61	≤-44.82	PASS
11N20SISO	Ant1	2412	0~Reference	-14.92	-14.92	---	PASS
11N20SISO	Ant1	2412	30~1000	-14.92	-63.71	≤-44.92	PASS
11N20SISO	Ant1	2412	1000~26500	-14.92	-46.94	≤-44.92	PASS
11N20SISO	Ant1	2437	0~Reference	-14.91	-14.91	---	PASS
11N20SISO	Ant1	2437	30~1000	-14.91	-63.57	≤-44.91	PASS
11N20SISO	Ant1	2437	1000~26500	-14.91	-47.2	≤-44.91	PASS
11N20SISO	Ant1	2462	0~Reference	-14.29	-14.29	---	PASS
11N20SISO	Ant1	2462	30~1000	-14.29	-63.38	≤-44.29	PASS
11N20SISO	Ant1	2462	1000~26500	-14.29	-47.49	≤-44.29	PASS
11N40SISO	Ant1	2422	0~Reference	-16.84	-16.84	---	PASS
11N40SISO	Ant1	2422	30~1000	-16.84	-63.33	≤-46.84	PASS
11N40SISO	Ant1	2422	1000~26500	-16.84	-47.8	≤-46.84	PASS
11N40SISO	Ant1	2437	0~Reference	-16.71	-16.71	---	PASS
11N40SISO	Ant1	2437	30~1000	-16.71	-63.79	≤-46.71	PASS
11N40SISO	Ant1	2437	1000~26500	-16.71	-47.17	≤-46.71	PASS
11N40SISO	Ant1	2452	0~Reference	-17.31	-17.31	---	PASS
11N40SISO	Ant1	2452	30~1000	-17.31	-62.56	≤-47.31	PASS
11N40SISO	Ant1	2452	1000~26500	-17.31	-47.62	≤-47.31	PASS
11AX20SISO	Ant1	2412	0~Reference	-13.56	-13.56	---	PASS
11AX20SISO	Ant1	2412	30~1000	-13.56	-63.78	≤-43.56	PASS
11AX20SISO	Ant1	2412	1000~26500	-13.56	-47.47	≤-43.56	PASS
11AX20SISO	Ant1	2437	0~Reference	-14.01	-14.01	---	PASS

11AX20SISO	Ant1	2437	30~1000	-14.01	-63.6	≤-44.01	PASS
11AX20SISO	Ant1	2437	1000~26500	-14.01	-47.04	≤-44.01	PASS
11AX20SISO	Ant1	2462	0~Reference	-14.78	-14.78	---	PASS
11AX20SISO	Ant1	2462	30~1000	-14.78	-63.88	≤-44.78	PASS
11AX20SISO	Ant1	2462	1000~26500	-14.78	-47.23	≤-44.78	PASS
11AX40SISO	Ant1	2422	0~Reference	-16.72	-16.72	---	PASS
11AX40SISO	Ant1	2422	30~1000	-16.72	-63.27	≤-46.72	PASS
11AX40SISO	Ant1	2422	1000~26500	-16.72	-47.04	≤-46.72	PASS
11AX40SISO	Ant1	2437	0~Reference	-16.94	-16.94	---	PASS
11AX40SISO	Ant1	2437	30~1000	-16.94	-63.67	≤-46.94	PASS
11AX40SISO	Ant1	2437	1000~26500	-16.94	-47.86	≤-46.94	PASS
11AX40SISO	Ant1	2452	0~Reference	-17.79	-17.79	---	PASS
11AX40SISO	Ant1	2452	30~1000	-17.79	-63.7	≤-47.79	PASS
11AX40SISO	Ant1	2452	1000~26500	-17.79	-51.58	≤-47.79	PASS

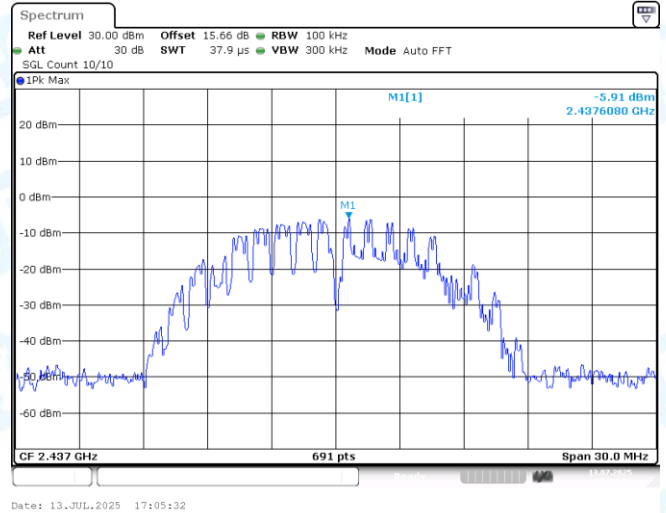
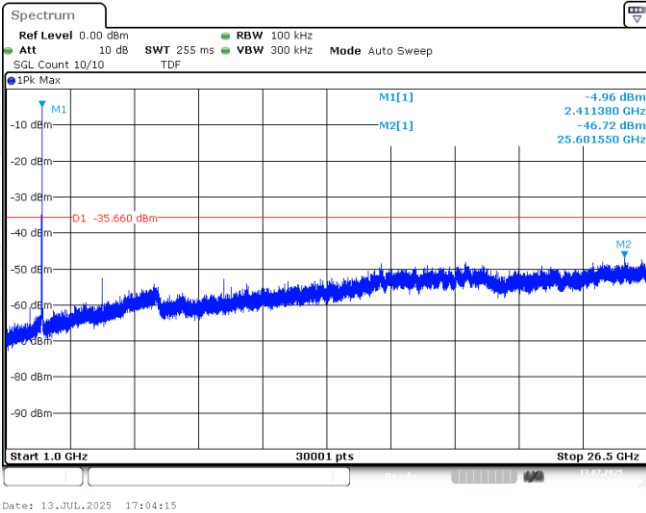
Note: input compensation coefficient (dB)= Cable Loss (dB)+ Attenuator factor

6.2 Test Graphs



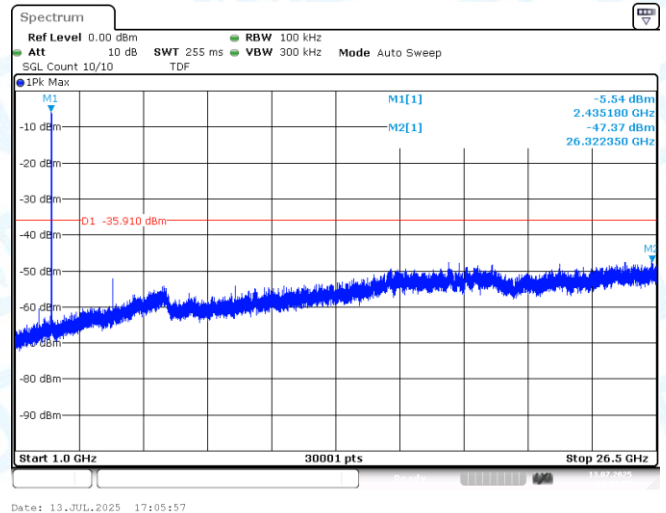
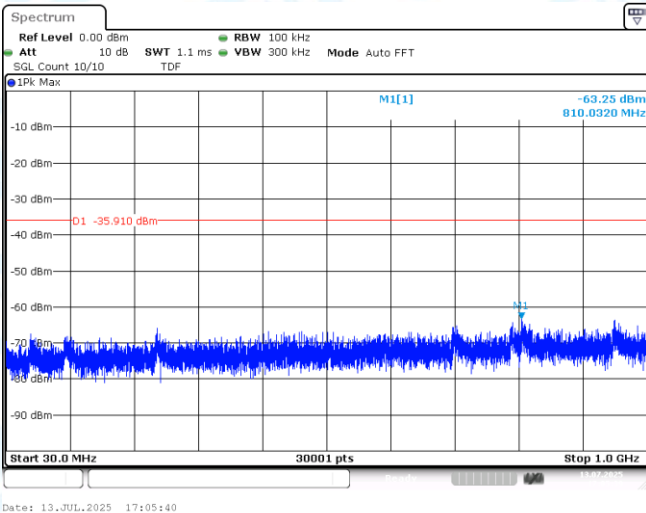
11B-Ant1-2412-0~Reference-PASS

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



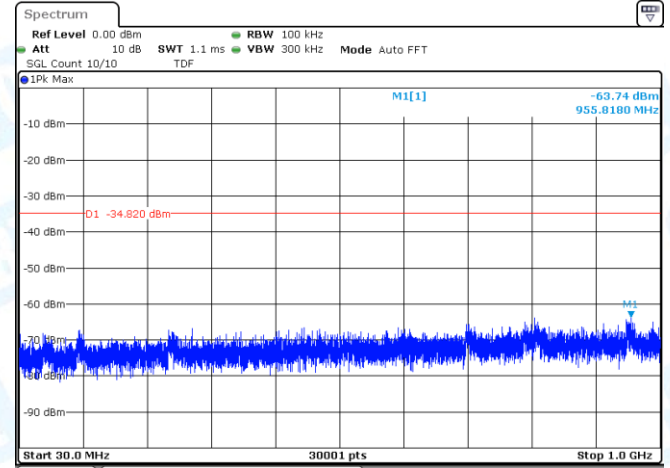
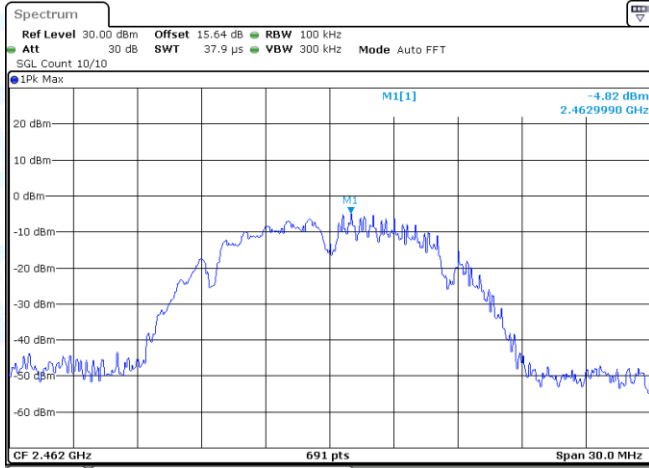
11B-Ant1-2412-1000~26500-PASS

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



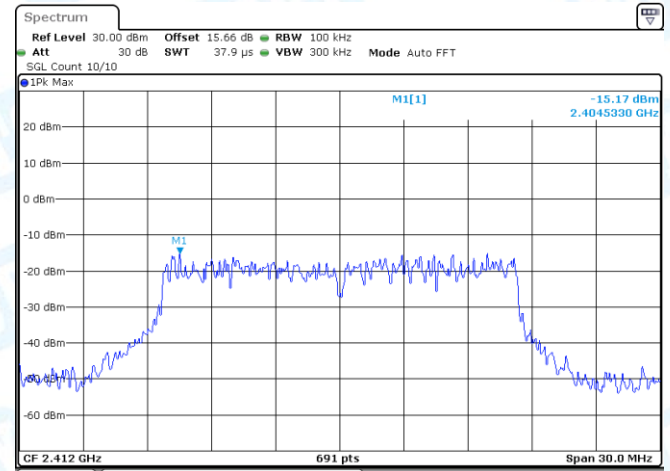
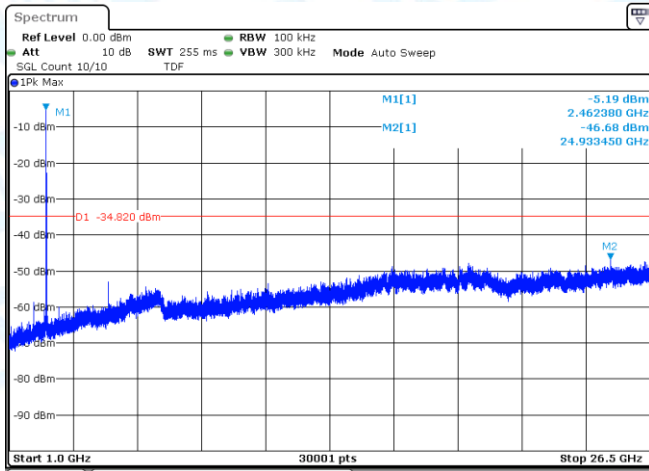
11B-Ant1-2437-30~1000-PASS

11B-Ant1-2437-1000~26500-PASS



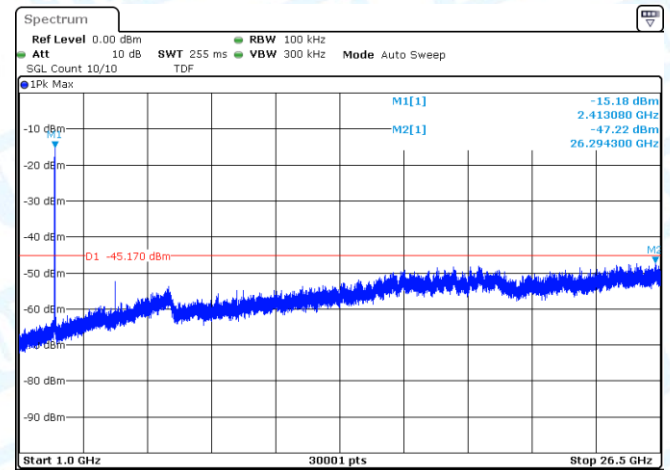
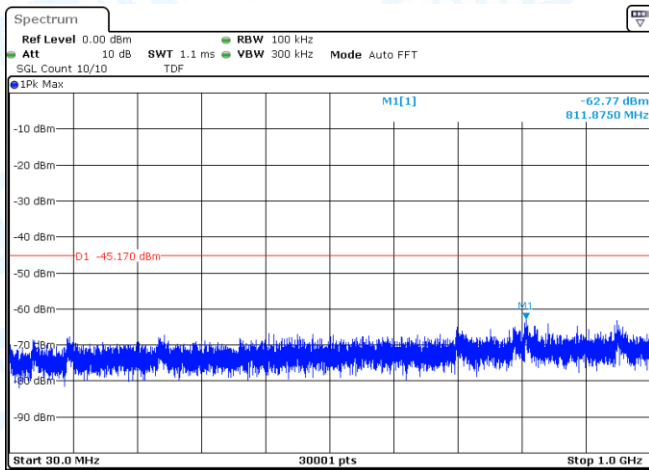
11B-Ant1-2462-0~Reference-PASS

11B-Ant1-2462-30~1000-PASS



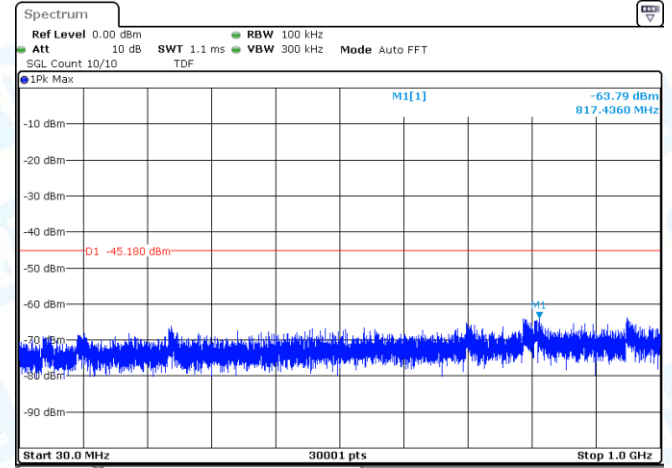
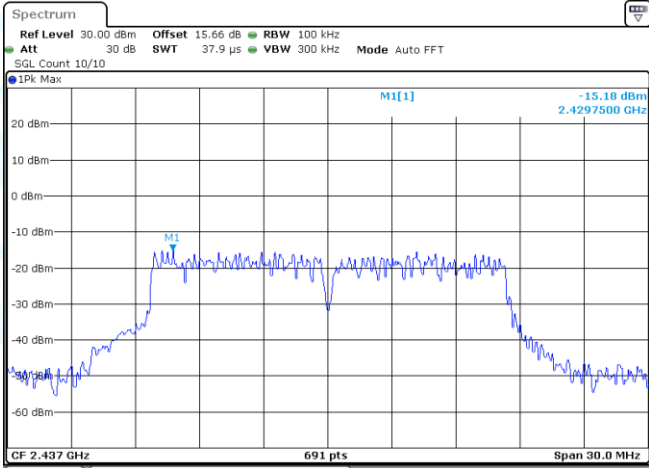
11B-Ant1-2462-1000~26500-PASS

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



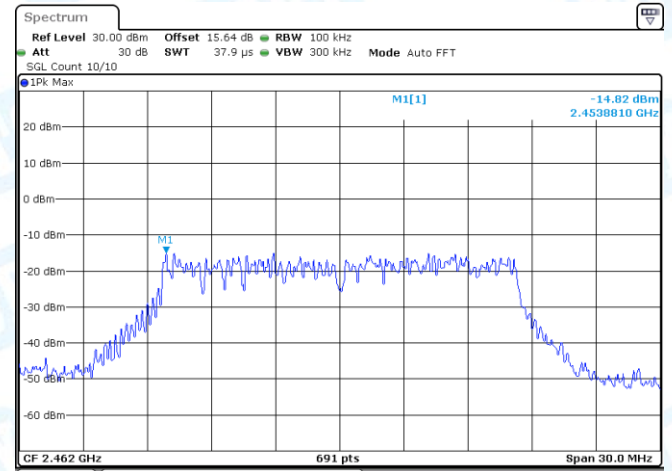
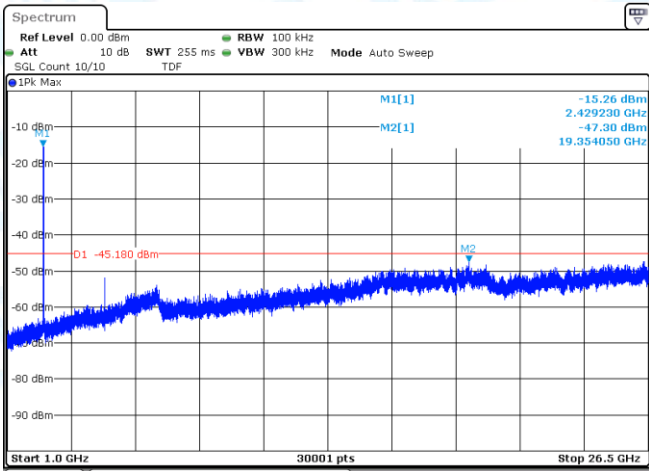
11G-Ant1-2412-30~1000-PASS

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



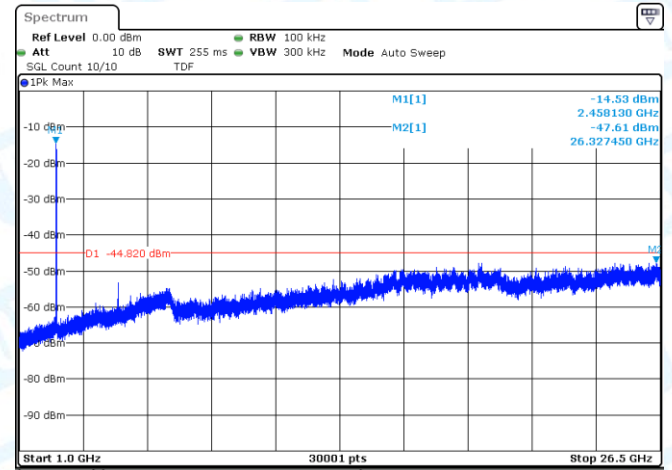
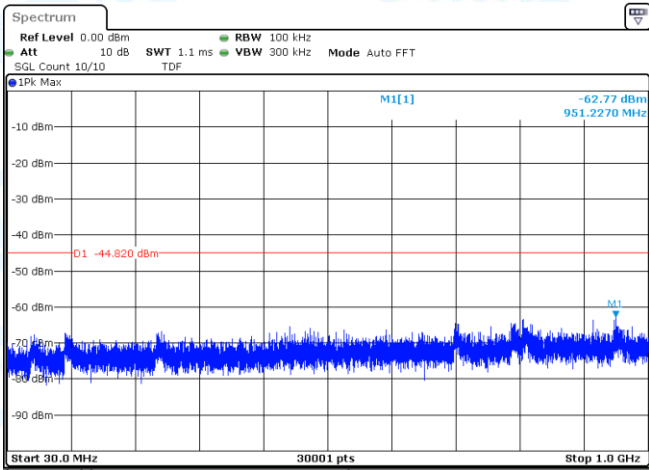
11G-Ant1-2437-0~Reference-PASS

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



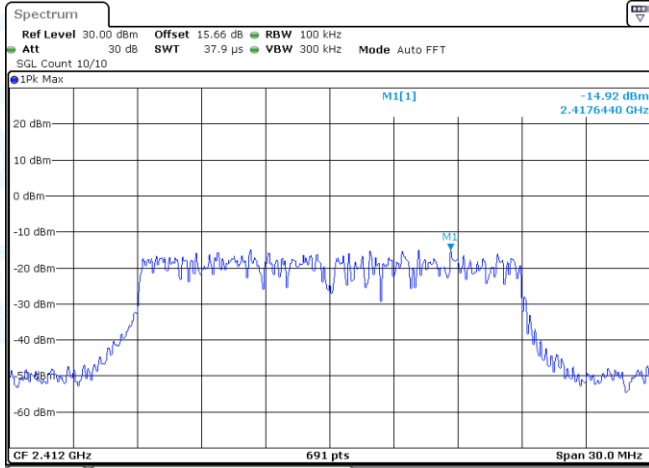
11G-Ant1-2437-1000~26500-PASS

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



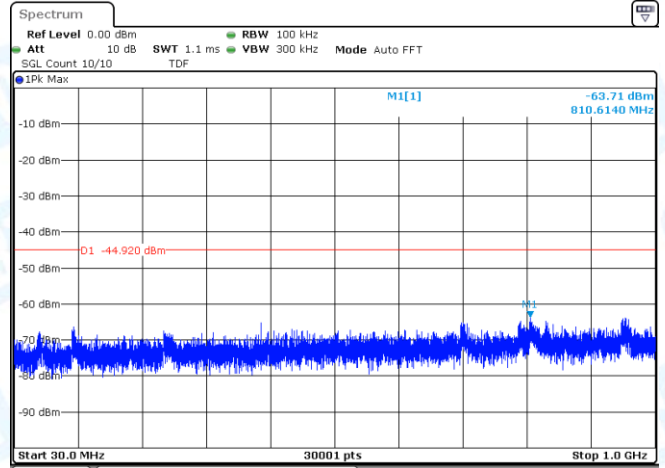
11G-Ant1-2462-30~1000-PASS

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



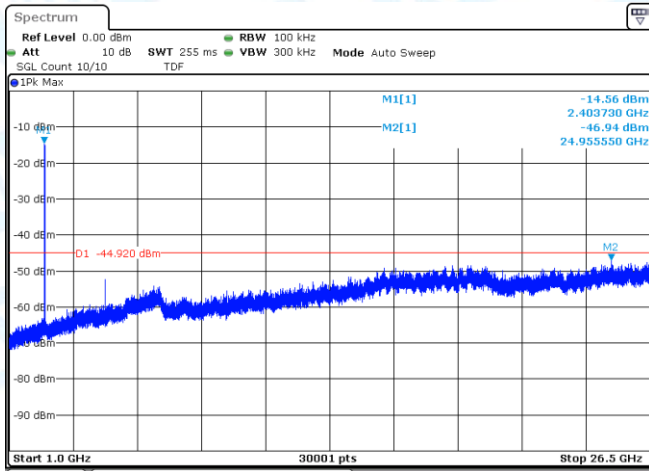
Date: 13.JUL.2025 17:14:56

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



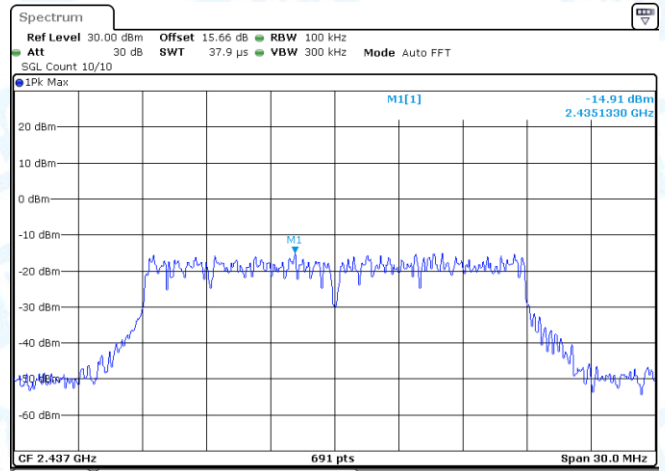
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11N20SISO-Ant1-2412-30~1000-PASS



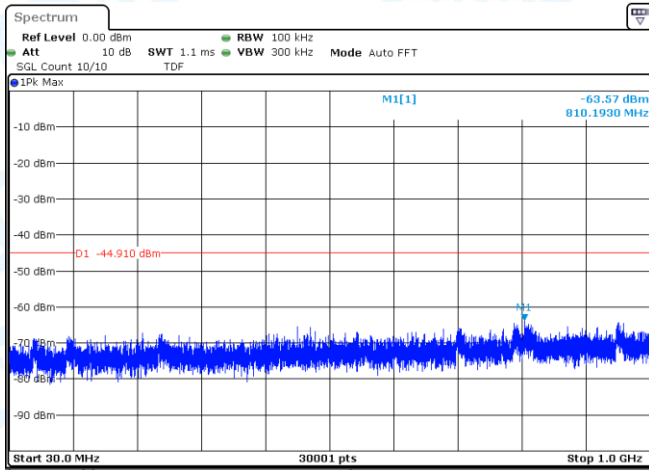
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11N20SISO-Ant1-2412-1000~26500-PASS



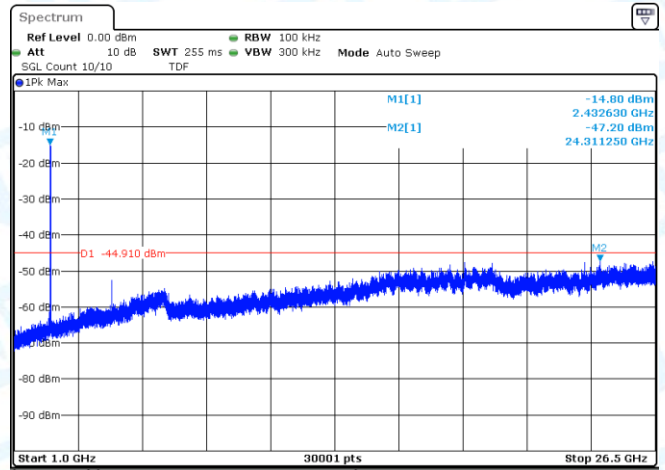
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11N20SISO-Ant1-2437-0~Reference-PASS



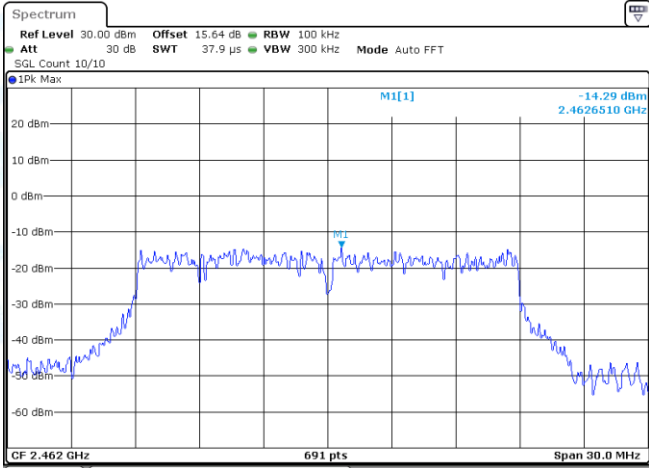
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11N20SISO-Ant1-2437-30~1000-PASS



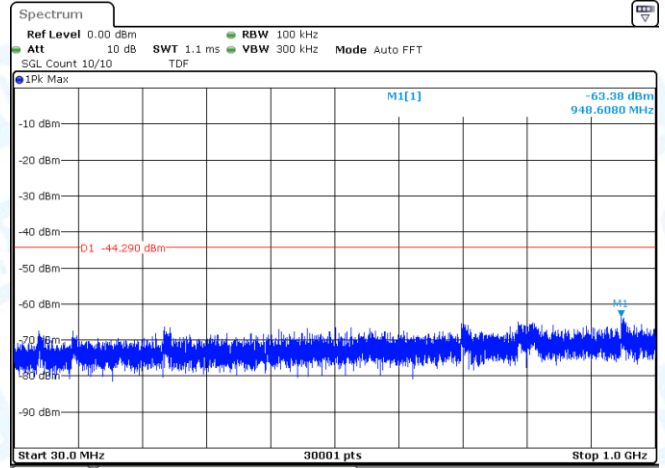
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11N20SISO-Ant1-2437-1000~26500-PASS



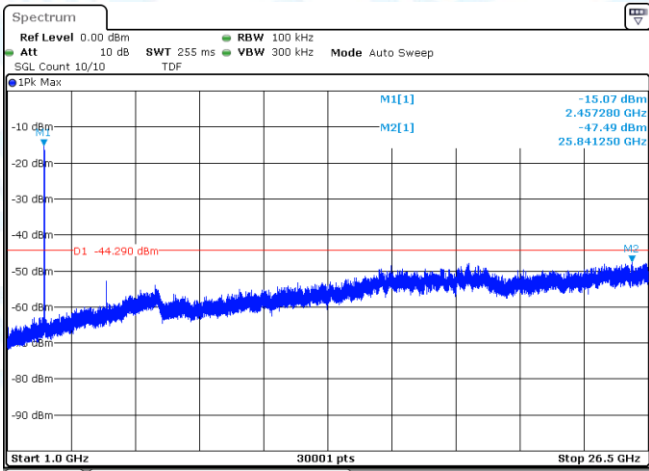
Date: 13.JUL.2025 17:21:32

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



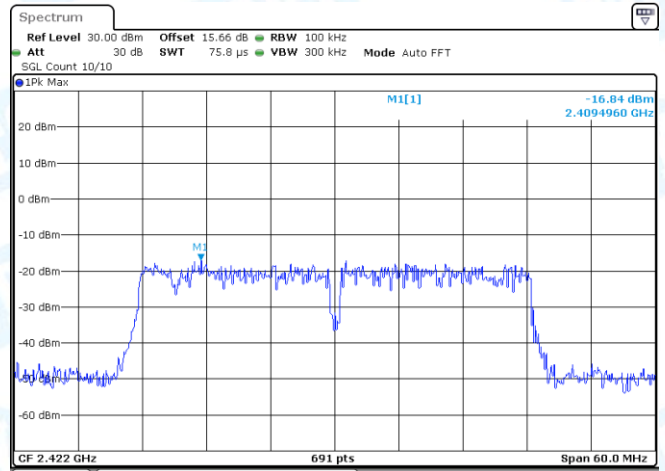
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11N20SISO-Ant1-2462-30~1000-PASS



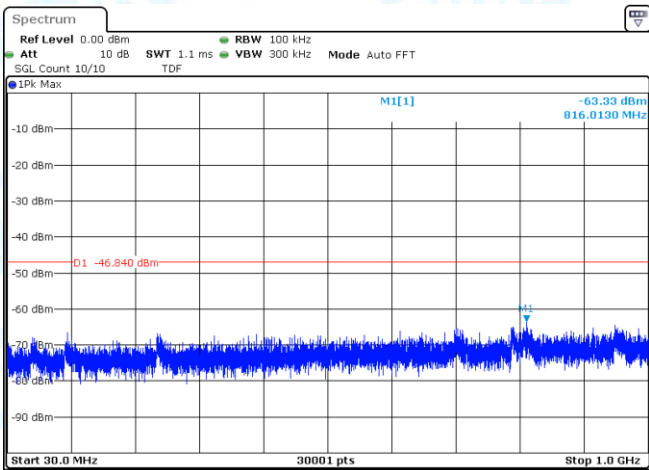
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11N20SISO-Ant1-2462-1000~26500-PASS



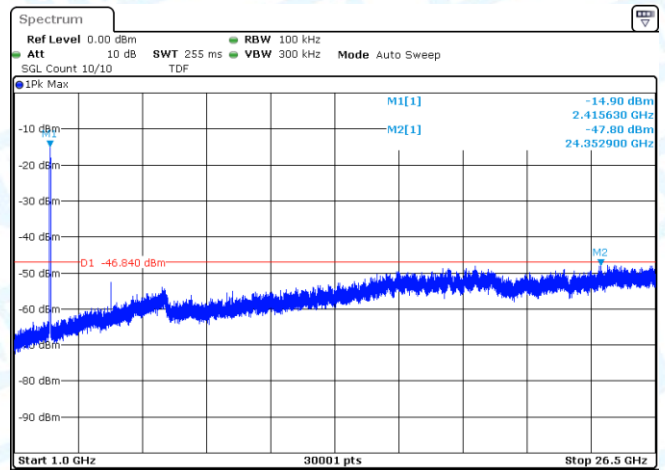
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11N40SISO-Ant1-2422-0~Reference-PASS



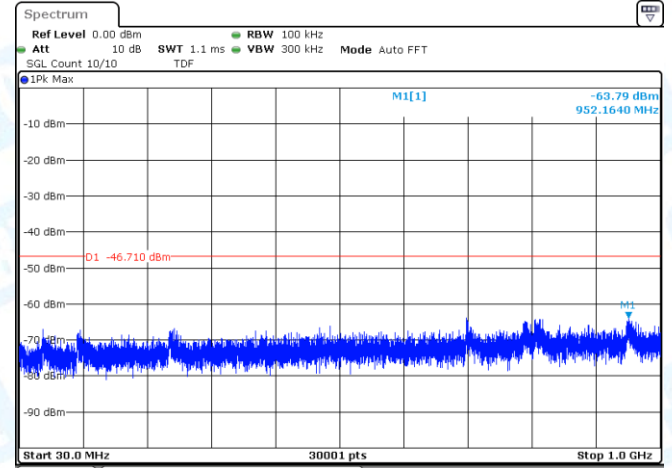
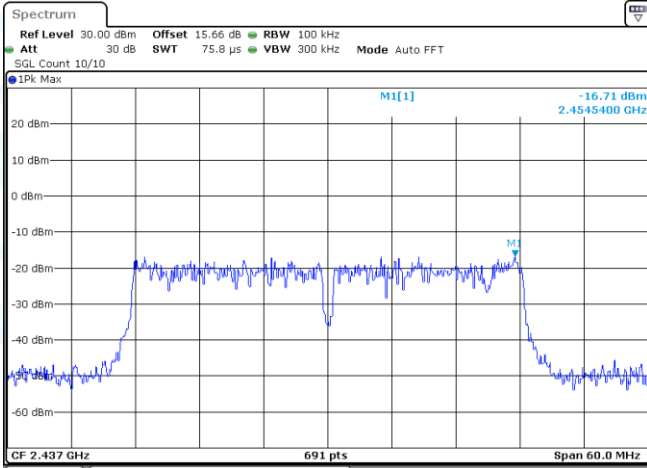
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11N40SISO-Ant1-2422-30~1000-PASS



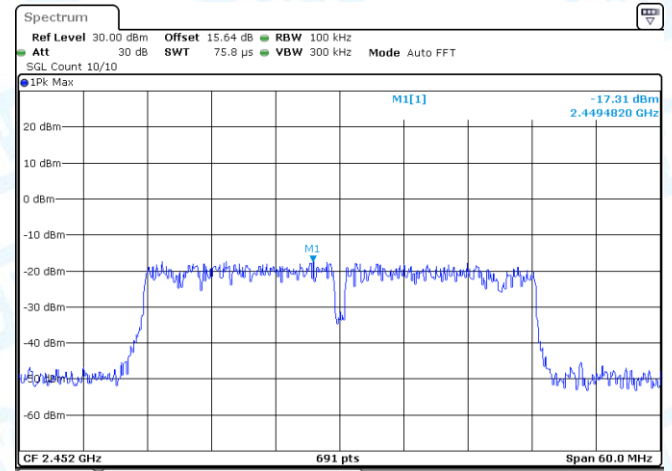
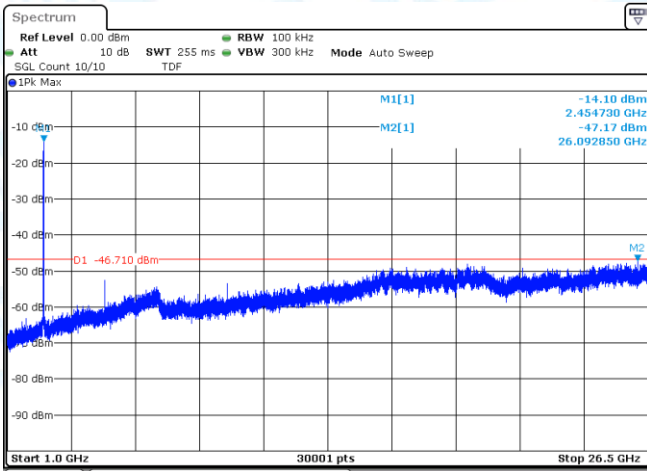
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11N40SISO-Ant1-2422-1000~26500-PASS



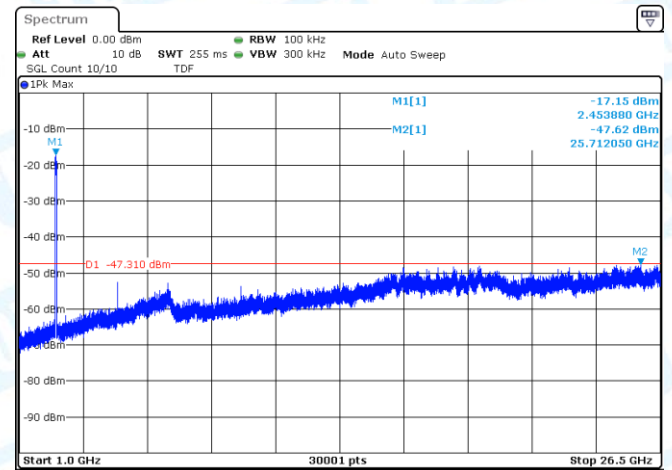
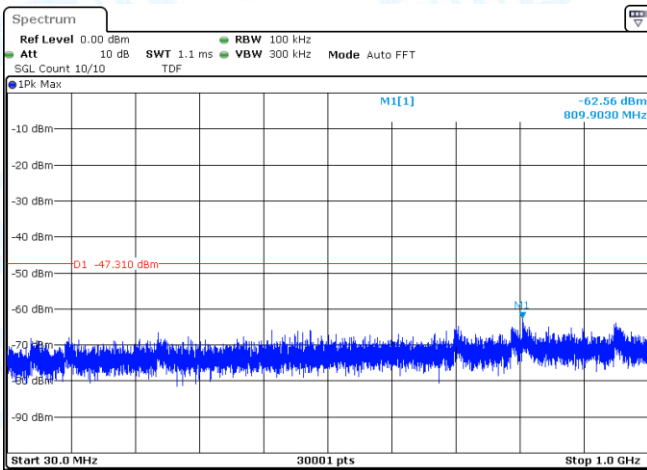
11N40SISO-Ant1-2437-0~Reference-PASS

11N40SISO-Ant1-2437-30~1000-PASS



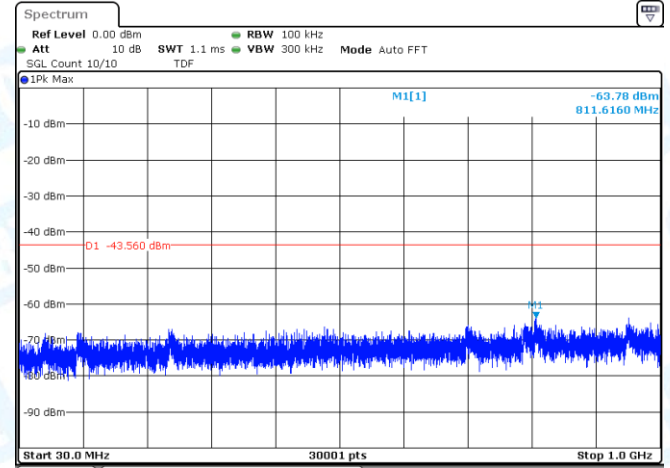
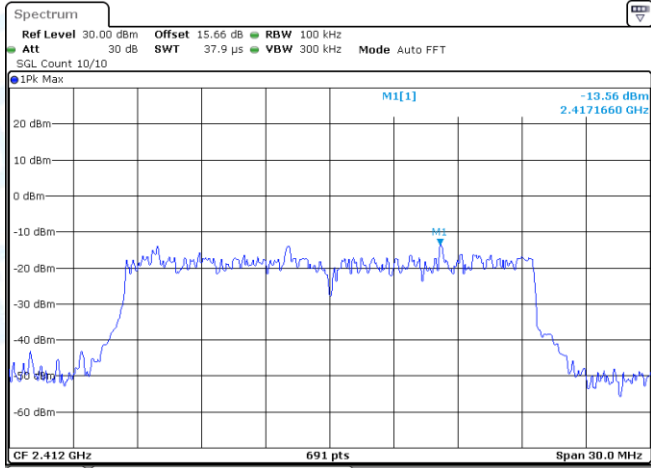
11N40SISO-Ant1-2437-1000~26500-PASS

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



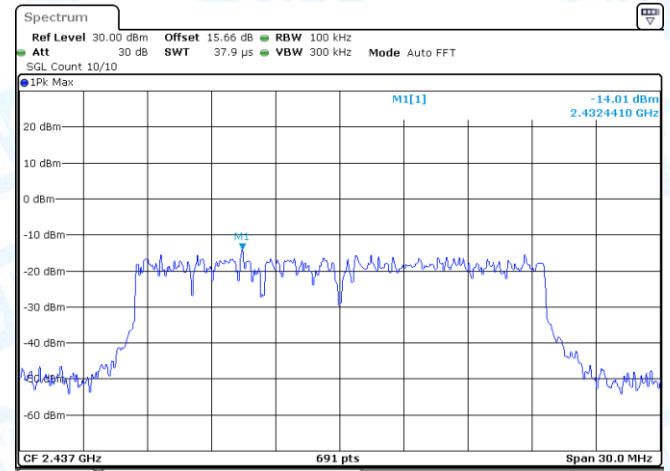
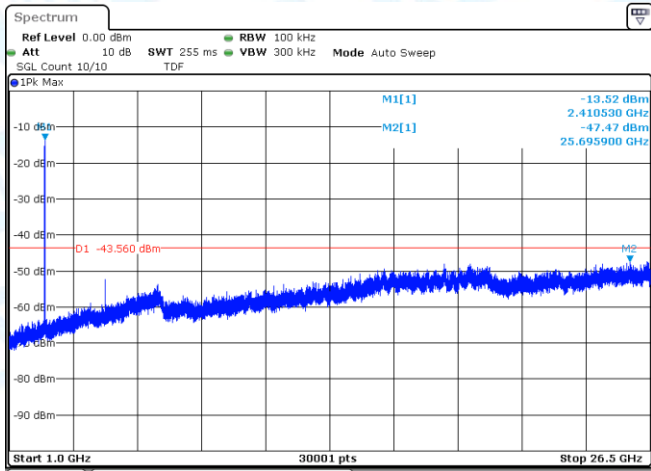
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11N40SISO-Ant1-2452-1000~26500-PASS



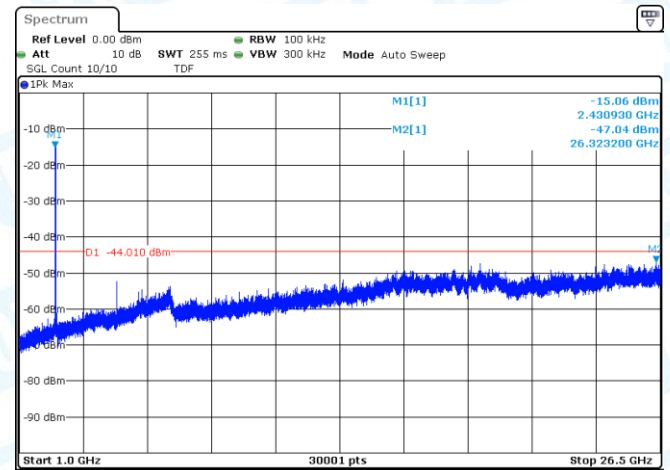
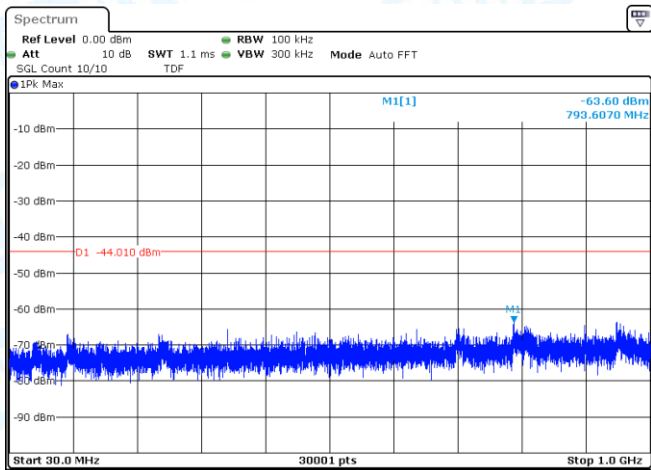
11AX20SISO-Ant1-2412-0~Reference-PASS

11AX20SISO-Ant1-2412-30~1000-PASS



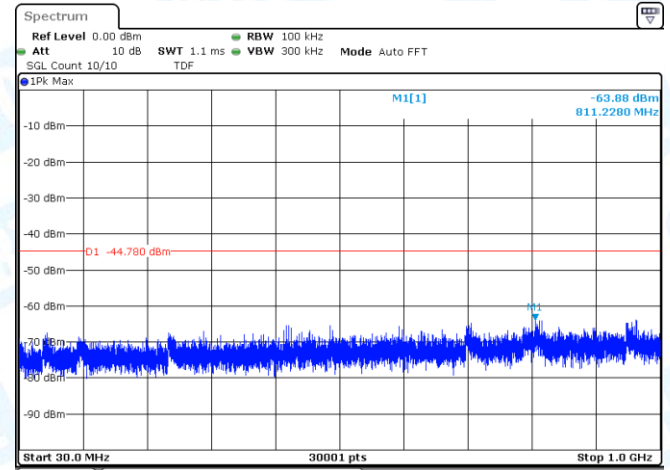
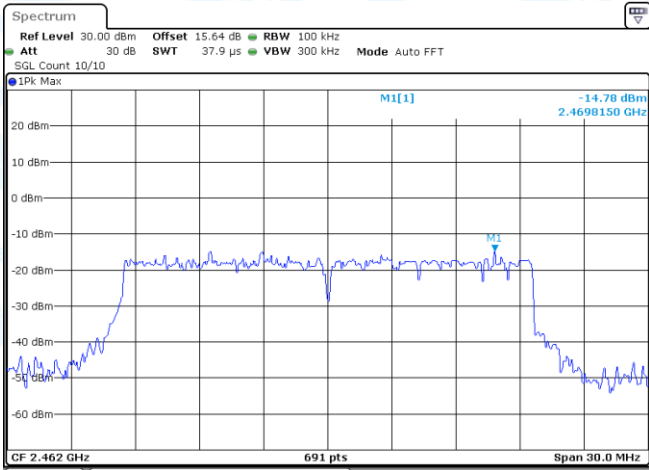
11AX20SISO-Ant1-2412-1000~26500-PASS

11AX20SISO-Ant1-2437-0~Reference-PASS



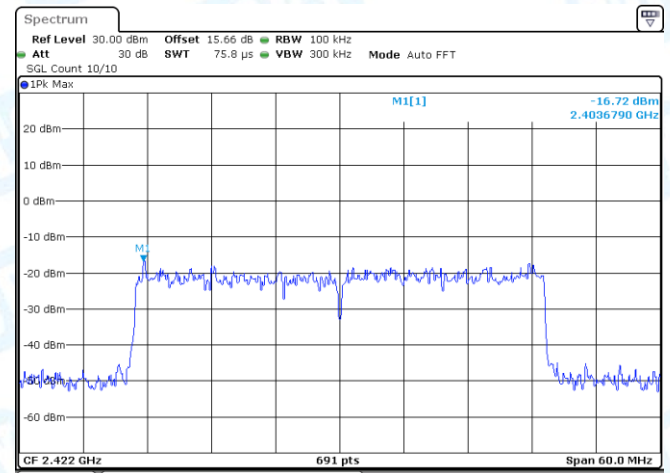
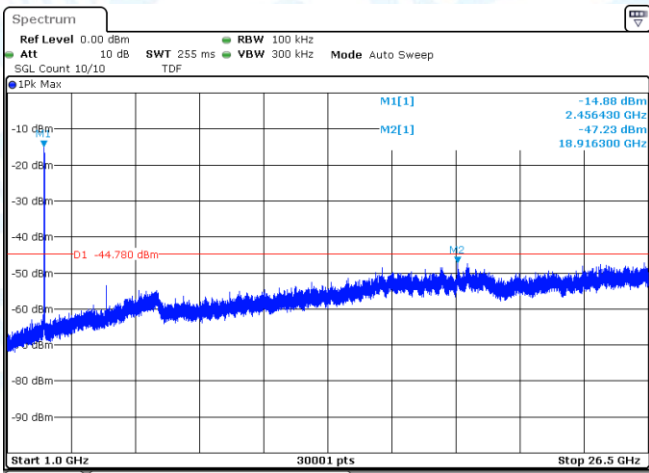
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11AX20SISO-Ant1-2437-1000~26500-PASS



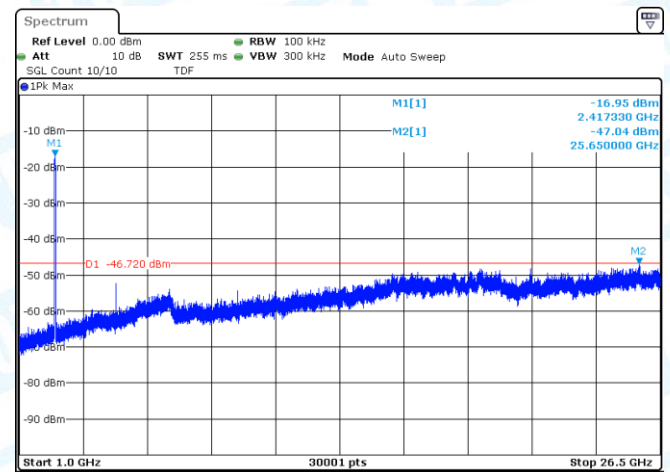
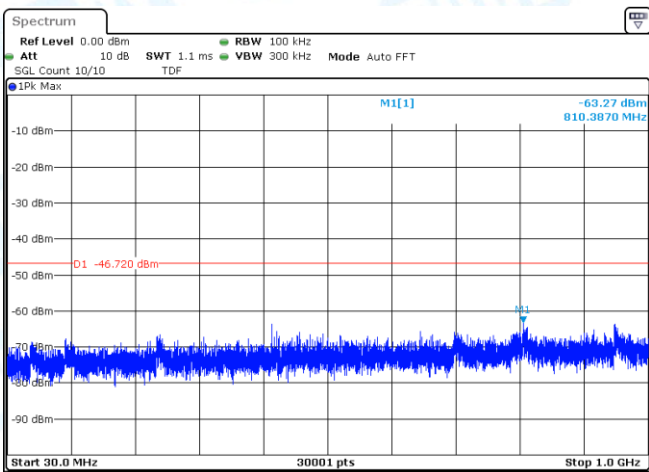
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11AX20SISO-Ant1-2462-30~1000-PASS



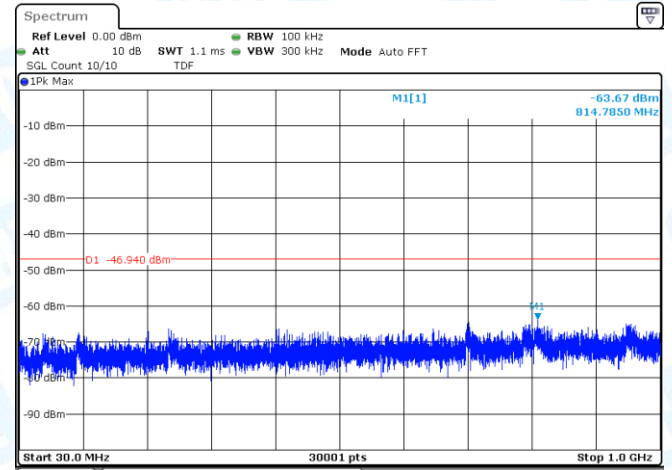
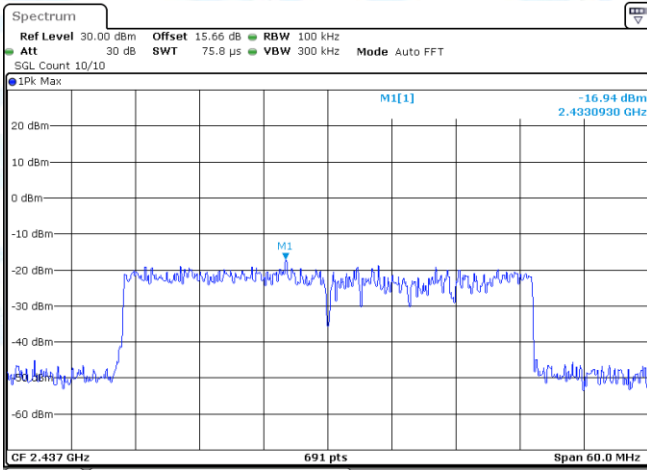
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11AX40SISO-Ant1-2422-0~Reference-PASS



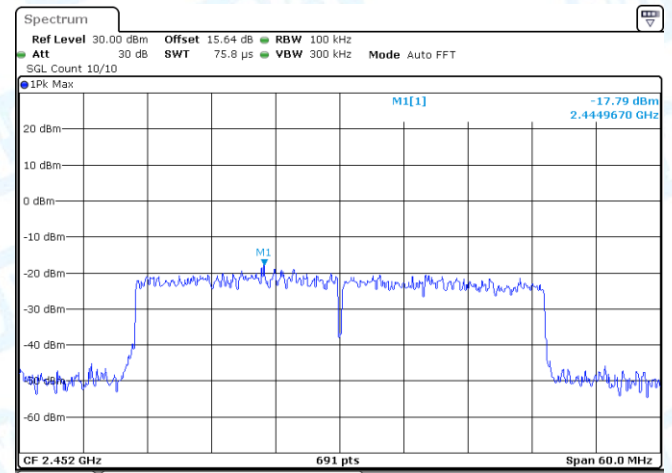
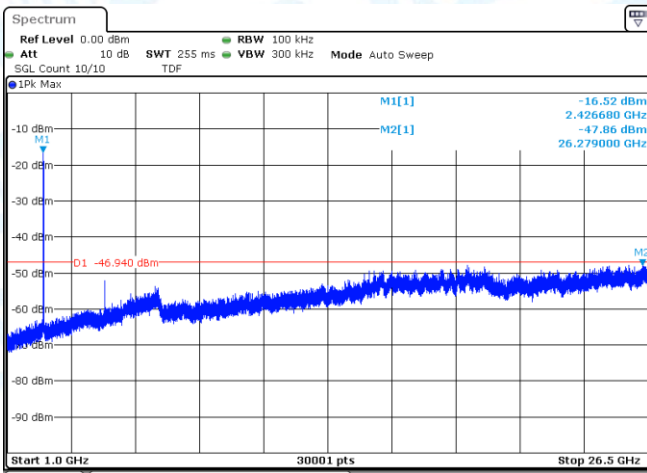
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11AX40SISO-Ant1-2422-1000~26500-PASS



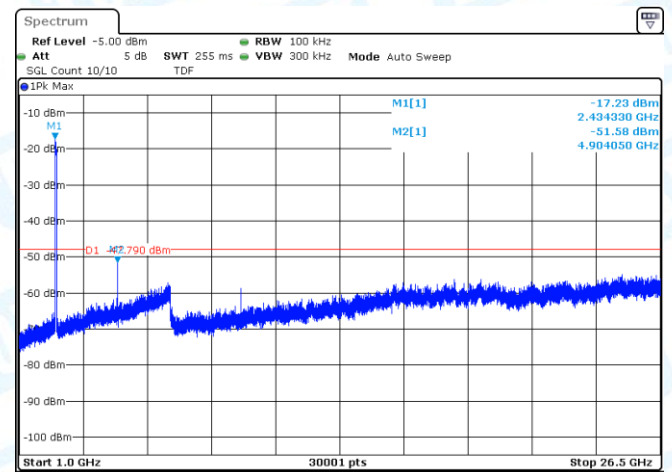
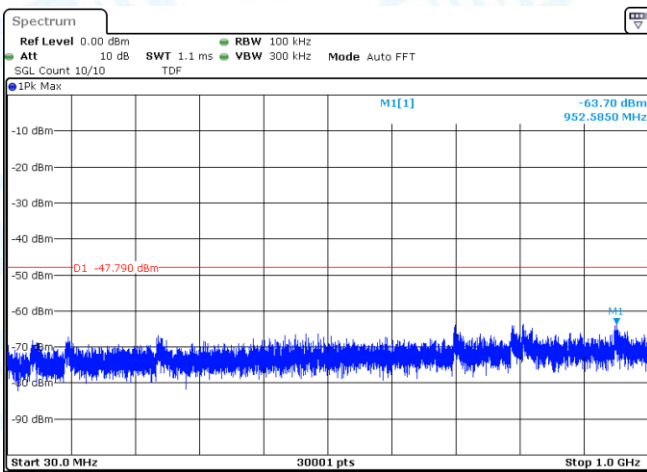
11AX40SISO-Ant1-2437-0~Reference-PASS

11AX40SISO-Ant1-2437-30~1000-PASS



11AX40SISO-Ant1-2437-1000~26500-PASS

11AX40SISO-Ant1-2452-0~Reference-PASS



11AX40SISO-Ant1-2452-30~1000-PASS

11AX40SISO-Ant1-2452-1000~26500-PASS

7: Duty Cycle

7.1 Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	1/T [kHz]
11B	Ant1	2412	32.60	66.40	49.10	3.09	0.03
11B	Ant1	2437	32.60	66.40	49.10	3.09	0.03
11B	Ant1	2462	32.60	66.40	49.10	3.09	0.03
11G	Ant1	2412	5.40	12.20	44.26	3.54	0.19
11G	Ant1	2437	5.40	10.40	51.92	2.85	0.19
11G	Ant1	2462	5.40	10.40	51.92	2.85	0.19
11N20SISO	Ant1	2412	5.20	10.40	50.00	3.01	0.19
11N20SISO	Ant1	2437	5.20	10.40	50.00	3.01	0.19
11N20SISO	Ant1	2462	5.20	10.40	50.00	3.01	0.19
11N40SISO	Ant1	2422	3.00	6.40	46.88	3.29	0.33
11N40SISO	Ant1	2437	3.00	6.40	46.88	3.29	0.33
11N40SISO	Ant1	2452	3.00	6.40	46.88	3.29	0.33
11AX20SISO	Ant1	2412	4.60	10.40	44.23	3.54	0.22
11AX20SISO	Ant1	2437	4.60	10.40	44.23	3.54	0.22
11AX20SISO	Ant1	2462	4.60	10.40	44.23	3.54	0.22
11AX40SISO	Ant1	2422	4.60	10.40	44.23	3.54	0.22
11AX40SISO	Ant1	2437	4.60	10.40	44.23	3.54	0.22
11AX40SISO	Ant1	2452	4.60	10.40	44.23	3.54	0.22

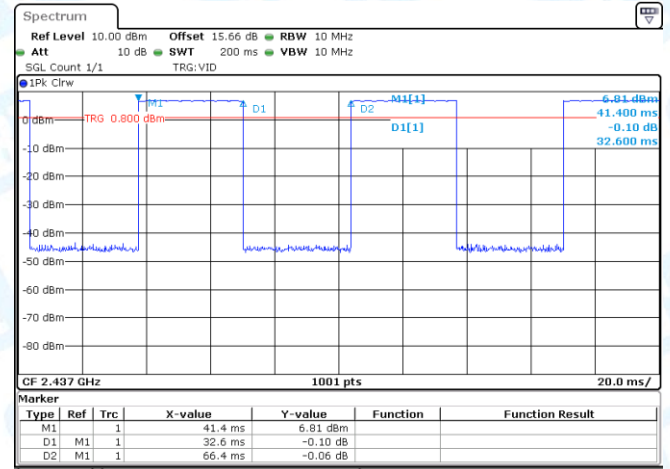
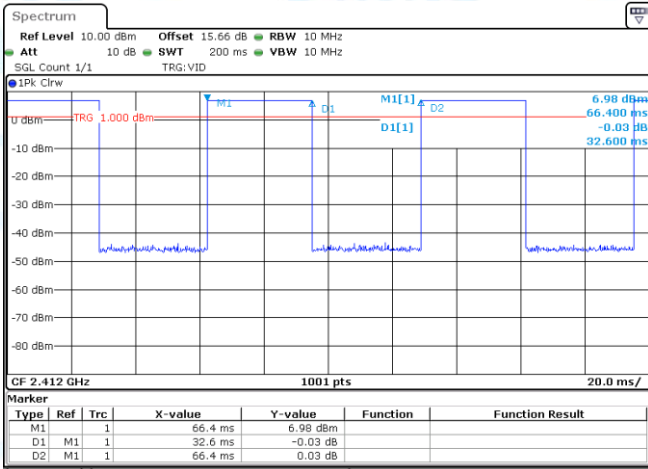
Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factory= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

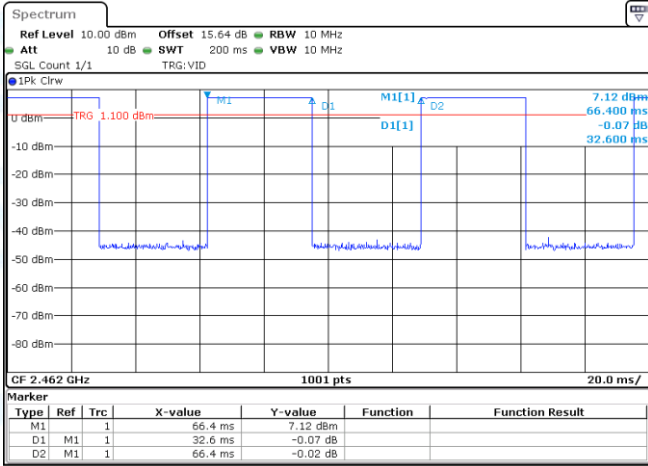
3, $1/T=1/\text{Transmission Duration}$

4, input compensation coefficient (dB)= Cable Loss (dB)+ Attenuator factor

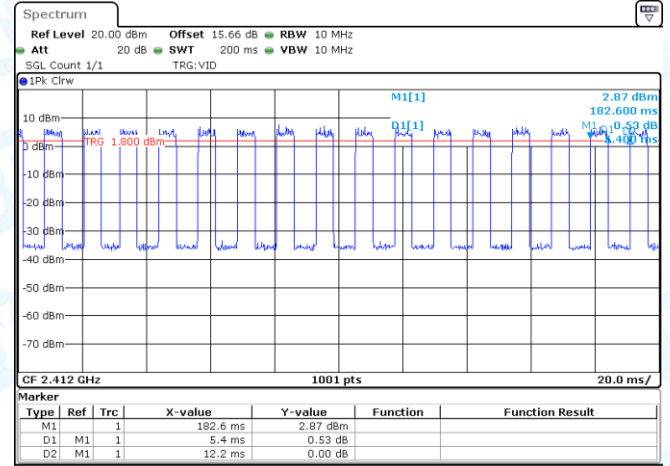
7.2 Test Graphs



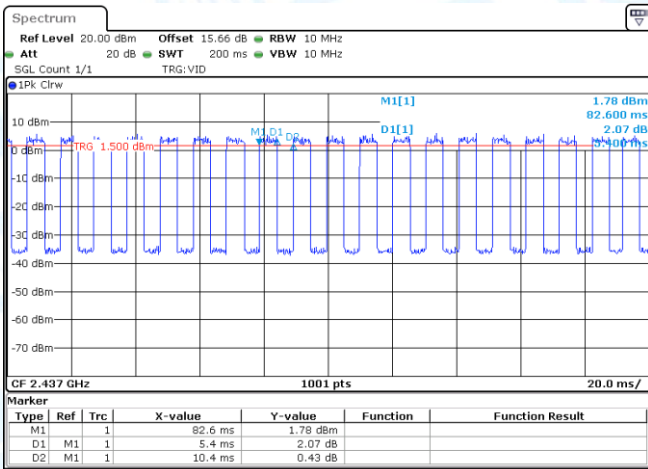
NTNV-11B-Ant1-2412



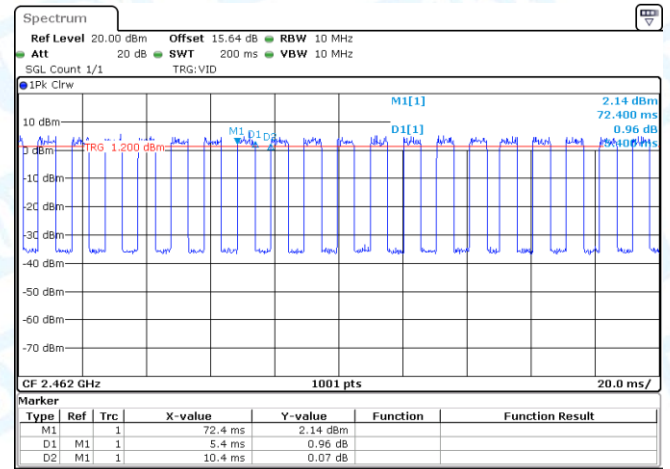
NTNV-11B-Ant1-2437



NTNV-11B-Ant1-2462

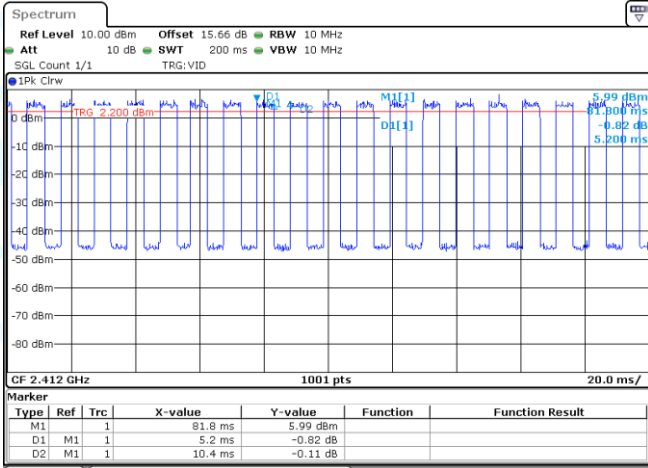


NTNV-11G-Ant1-2412



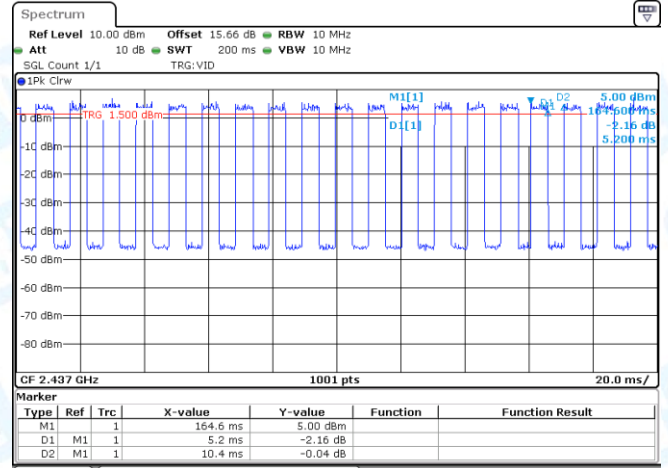
NTNV-11G-Ant1-2437

NTNV-11G-Ant1-2462



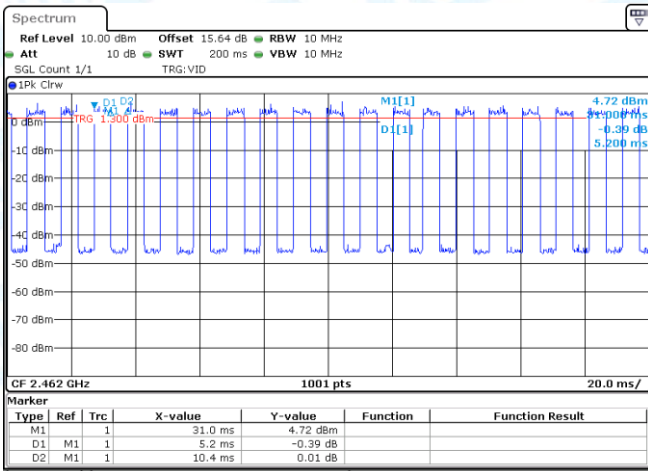
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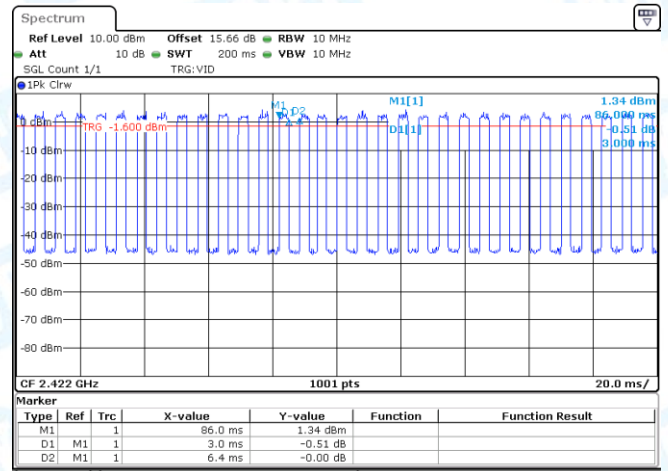
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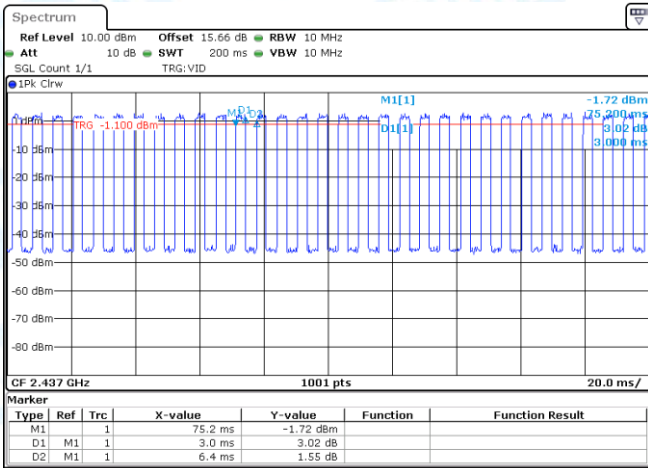
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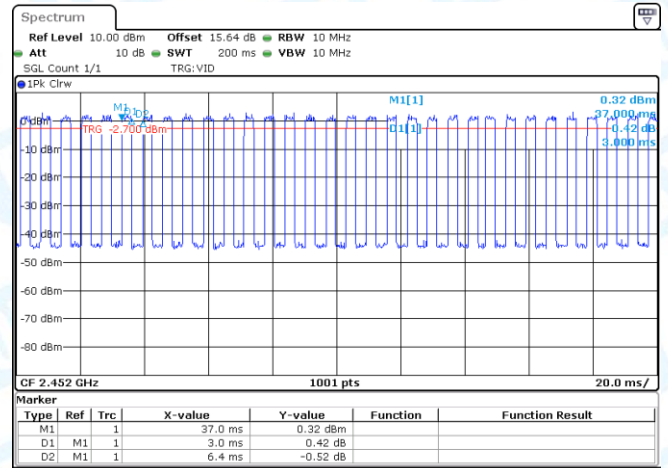
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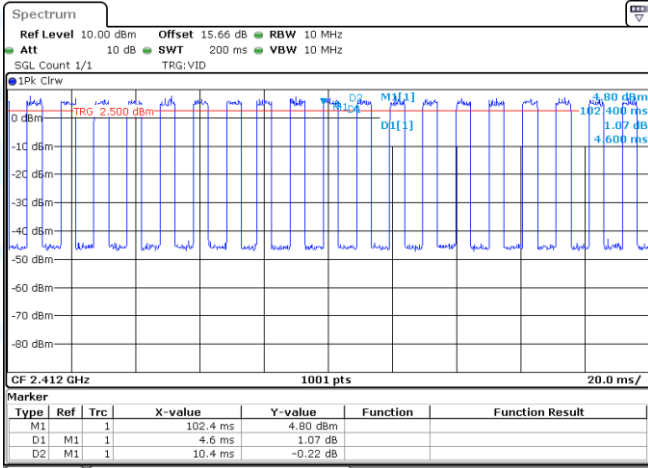
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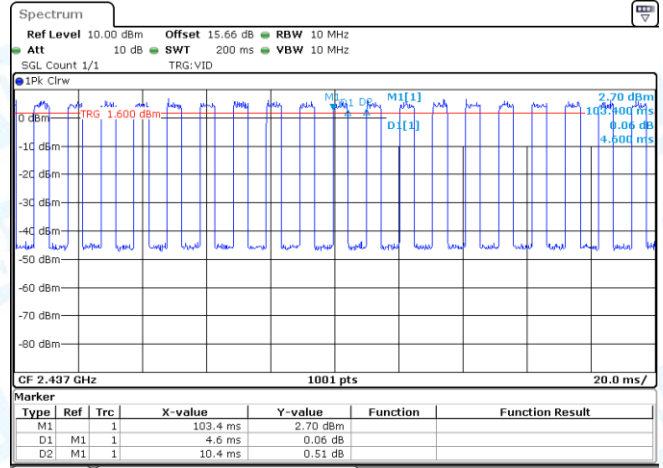


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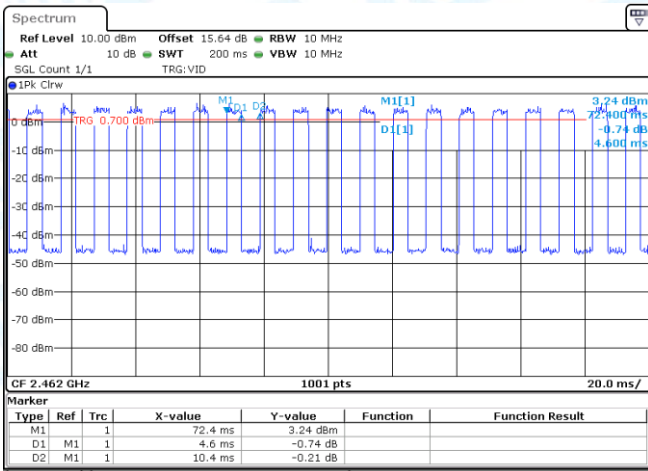
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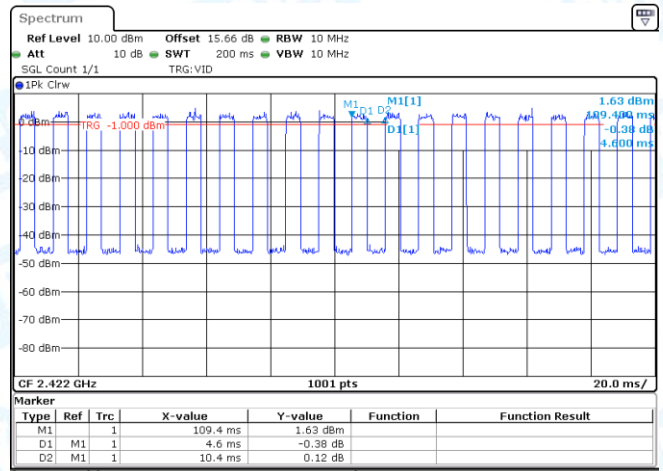
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NTNV-11AX20SISO-Ant1-2412

NTNV-11AX20SISO-Ant1-2437



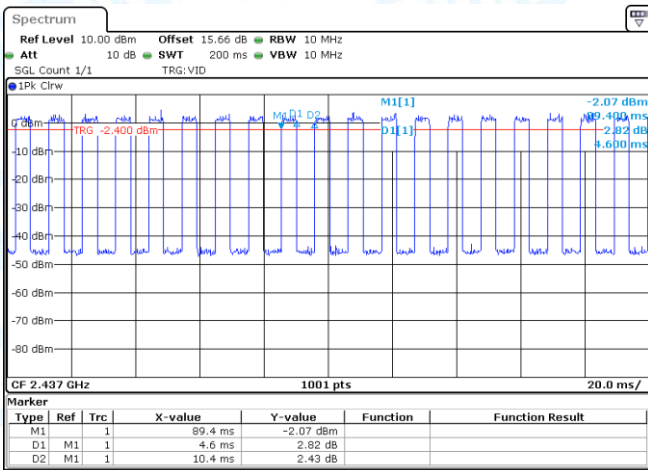
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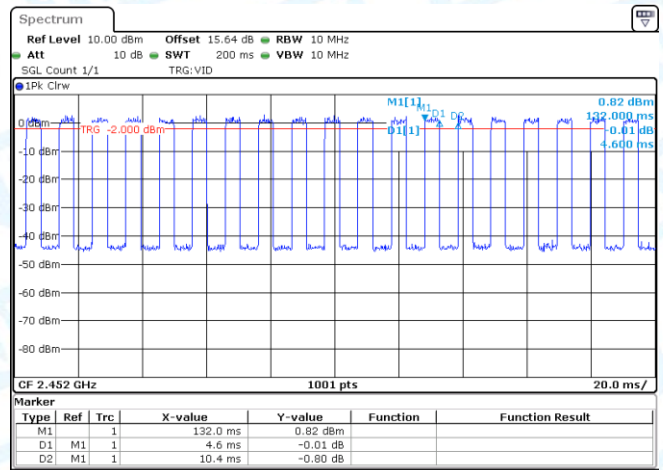
Date: 1.JUL.2025 23:24:06

NTNV-11AX20SISO-Ant1-2462

NTNV-11AX40SISO-Ant1-2422



Date: 1.JUL.2025 23:28:17



Date: 1.JUL.2025 23:32:27

NTNV-11AX40SISO-Ant1-2437

NTNV-11AX40SISO-Ant1-2452

-----END OF THE REPORT-----