



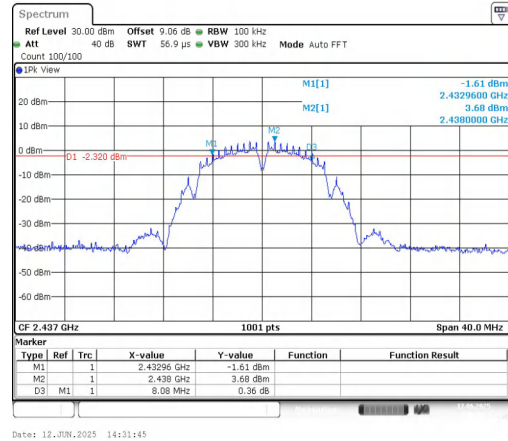
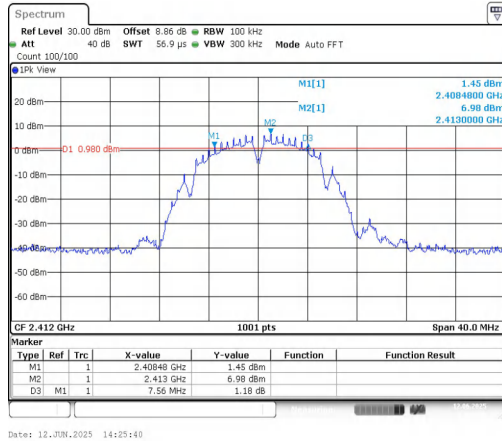
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.56	2408.48	2416.04	0.5	PASS
11B	Ant1	2437	8.08	2432.96	2441.04	0.5	PASS
11B	Ant1	2462	8.08	2457.96	2466.04	0.5	PASS
11G	Ant1	2412	16.28	2403.84	2420.12	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	15.92	2453.84	2469.76	0.5	PASS
11N20SISO	Ant1	2412	16.68	2403.48	2420.16	0.5	PASS
11N20SISO	Ant1	2437	17.40	2428.36	2445.76	0.5	PASS
11N20SISO	Ant1	2462	16.52	2453.24	2469.76	0.5	PASS
11N40SISO	Ant1	2422	35.28	2404.24	2439.52	0.5	PASS
11N40SISO	Ant1	2437	35.92	2419.24	2455.16	0.5	PASS
11N40SISO	Ant1	2452	35.68	2434.48	2470.16	0.5	PASS

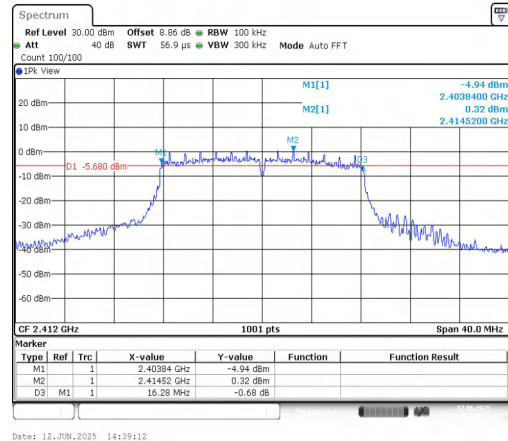
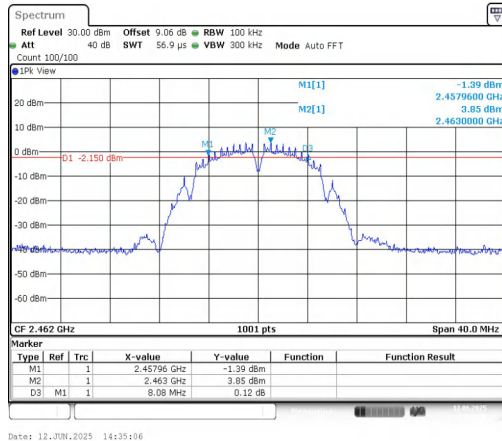


Test Graphs



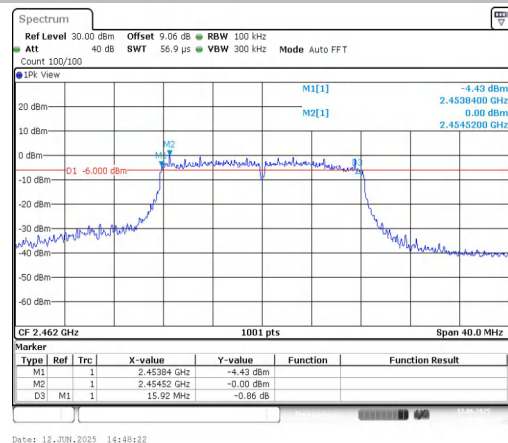
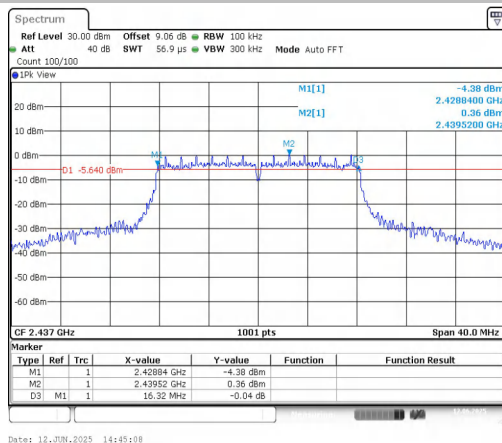
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



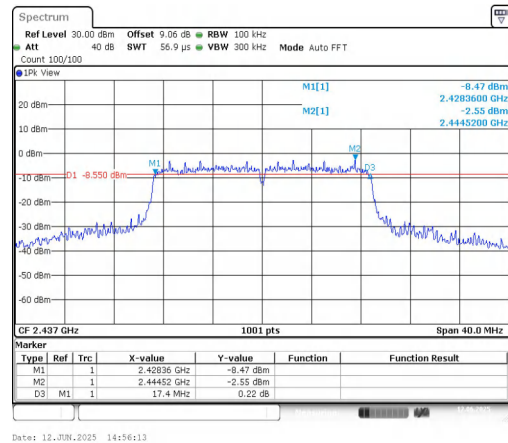
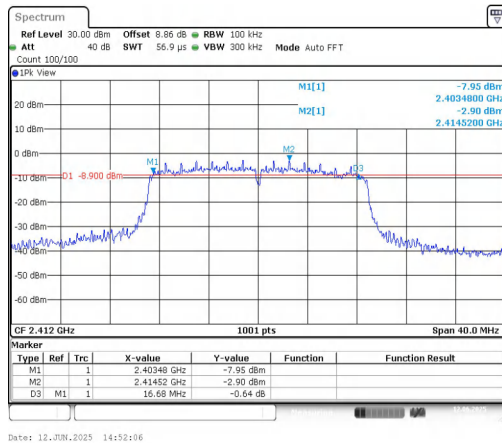
11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



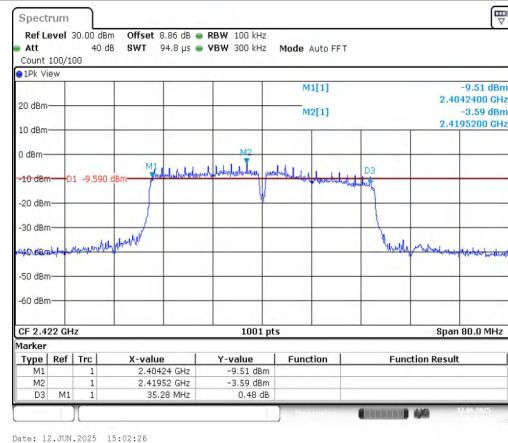
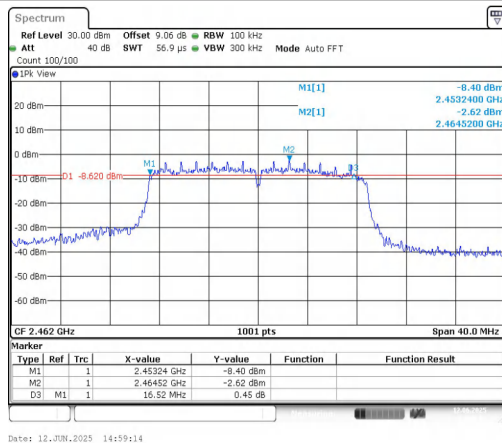
11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



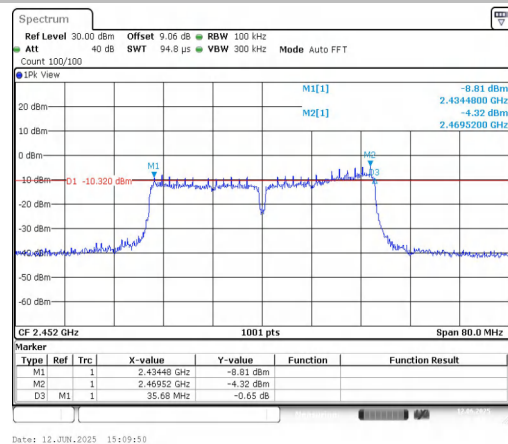
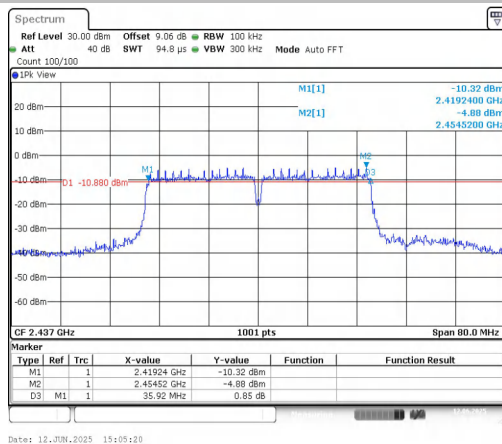
11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



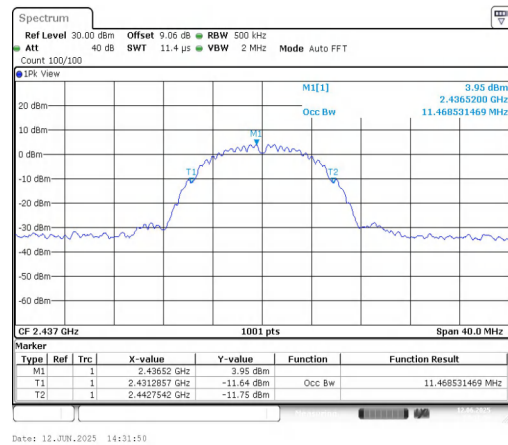
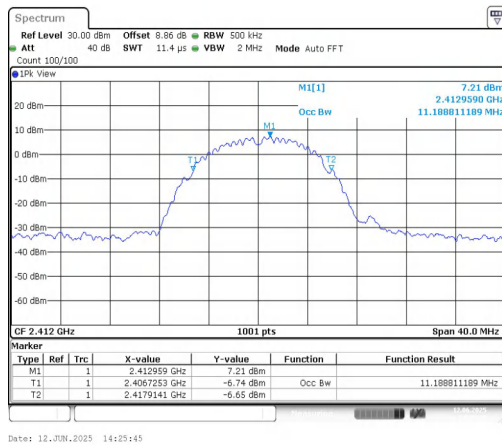
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.189	2406.7253	2417.9141	---	---
11B	Ant1	2437	11.469	2431.2857	2442.7542	---	---
11B	Ant1	2462	11.309	2456.2058	2467.5145	---	---
11G	Ant1	2412	16.903	2403.3686	2420.2717	---	---
11G	Ant1	2437	17.263	2428.4086	2445.6713	---	---
11G	Ant1	2462	16.943	2453.4086	2470.3516	---	---
11N20SISO	Ant1	2412	17.622	2403.1289	2420.7512	---	---
11N20SISO	Ant1	2437	18.102	2428.0490	2446.1508	---	---
11N20SISO	Ant1	2462	17.782	2452.8891	2470.6713	---	---
11N40SISO	Ant1	2422	36.044	2403.7782	2439.8222	---	---
11N40SISO	Ant1	2437	36.523	2418.9381	2455.4615	---	---
11N40SISO	Ant1	2452	36.763	2433.7782	2470.5415	---	---

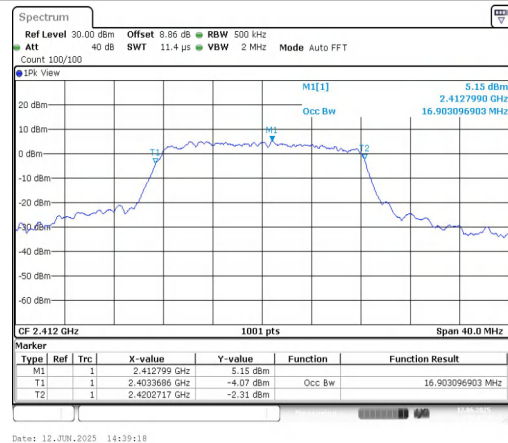
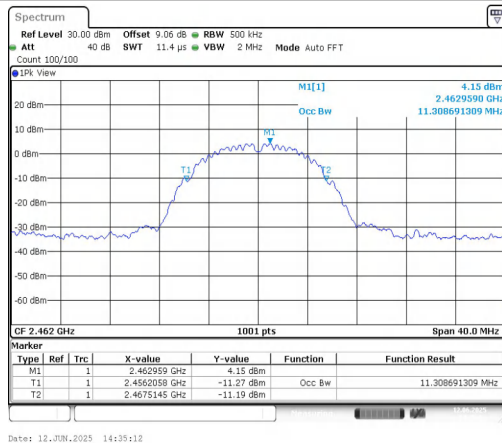


Test Graphs



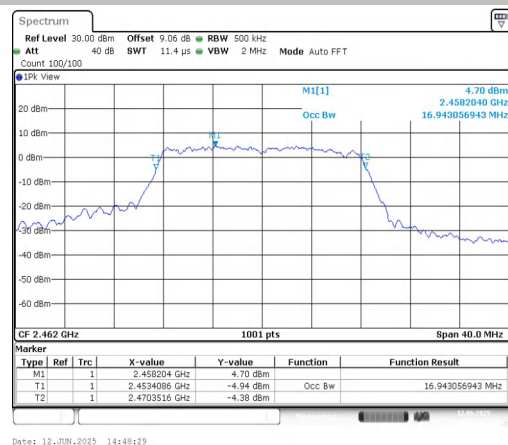
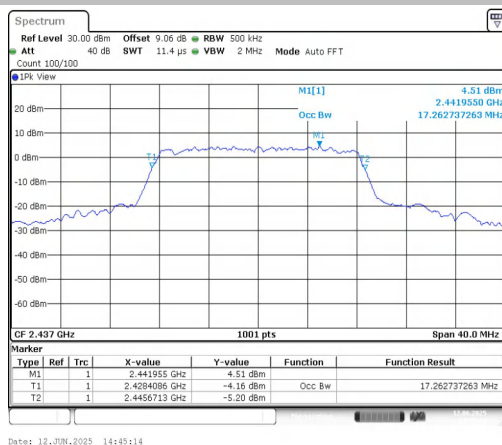
11B-Ant1-2412

11B-Ant1-2437



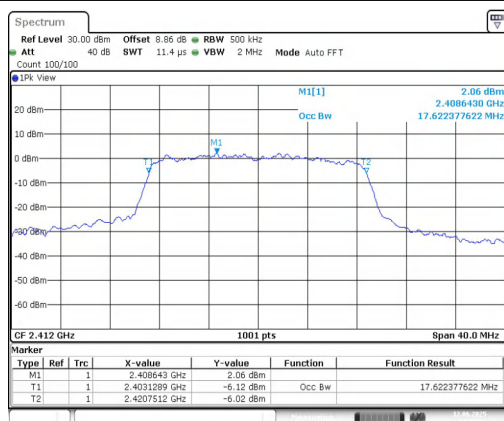
11B-Ant1-2462

11G-Ant1-2412

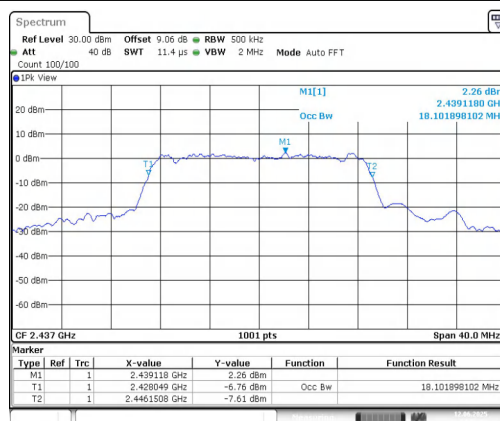


11G-Ant1-2437

11G-Ant1-2462



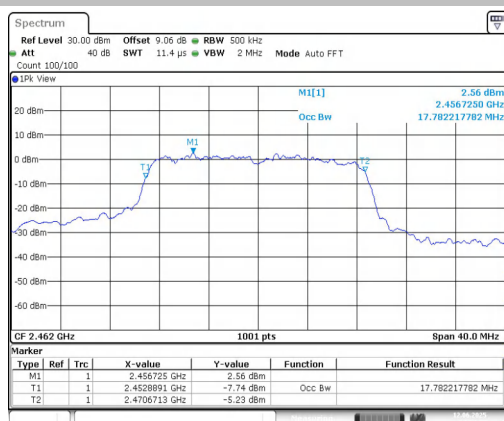
Date: 12.JUN.2025 14:52:12



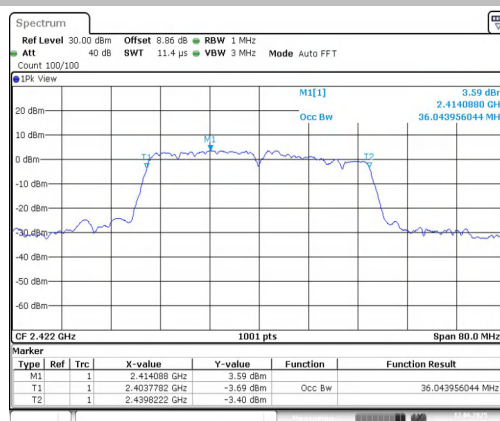
Date: 12.JUN.2025 14:56:20

11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



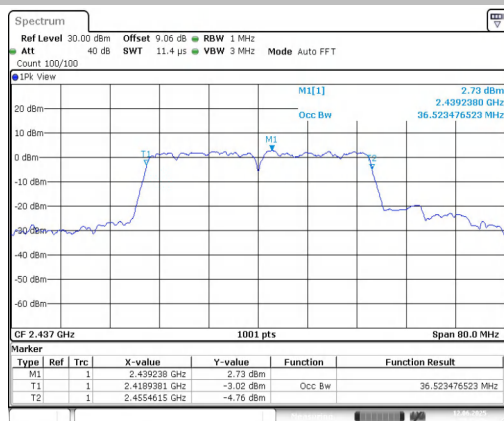
Date: 12.JUN.2025 14:59:21



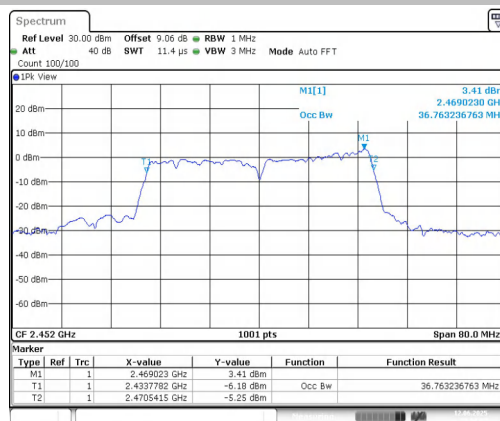
Date: 12.JUN.2025 15:02:32

11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



Date: 12.JUN.2025 15:05:26



Date: 12.JUN.2025 15:09:57

11N40SISO-Ant1-2437

11N40SISO-Ant1-2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	14.78	≤30.00	3.74	18.52	≤36.00	PASS
11B	Ant1	2437	14.58	≤30.00	3.74	18.32	≤36.00	PASS
11B	Ant1	2462	14.89	≤30.00	3.74	18.63	≤36.00	PASS
11G	Ant1	2412	19.80	≤30.00	3.74	23.54	≤36.00	PASS
11G	Ant1	2437	19.74	≤30.00	3.74	23.48	≤36.00	PASS
11G	Ant1	2462	19.78	≤30.00	3.74	23.52	≤36.00	PASS
11N20SISO	Ant1	2412	16.61	≤30.00	3.74	20.35	≤36.00	PASS
11N20SISO	Ant1	2437	17.20	≤30.00	3.74	20.94	≤36.00	PASS
11N20SISO	Ant1	2462	16.87	≤30.00	3.74	20.61	≤36.00	PASS
11N40SISO	Ant1	2422	17.82	≤30.00	3.74	21.56	≤36.00	PASS
11N40SISO	Ant1	2437	17.57	≤30.00	3.74	21.31	≤36.00	PASS
11N40SISO	Ant1	2452	15.47	≤30.00	3.74	19.21	≤36.00	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	Reading Power [dBm]	DC Factor [dB]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	11.43	0.03	11.46	≤30.00	3.74	15.20	≤36.00	PASS
11B	Ant1	2437	10.67	0.03	10.70	≤30.00	3.74	14.44	≤36.00	PASS
11B	Ant1	2462	11.30	0.03	11.33	≤30.00	3.74	15.07	≤36.00	PASS
11G	Ant1	2412	10.90	0.18	11.08	≤30.00	3.74	14.82	≤36.00	PASS
11G	Ant1	2437	10.51	0.15	10.66	≤30.00	3.74	14.40	≤36.00	PASS
11G	Ant1	2462	10.93	0.18	11.11	≤30.00	3.74	14.85	≤36.00	PASS
11N20SISO	Ant1	2412	7.96	0.16	8.12	≤30.00	3.74	11.86	≤36.00	PASS
11N20SISO	Ant1	2437	8.15	0.20	8.35	≤30.00	3.74	12.09	≤36.00	PASS
11N20SISO	Ant1	2462	8.22	0.20	8.42	≤30.00	3.74	12.16	≤36.00	PASS
11N40SISO	Ant1	2422	8.73	0.32	9.05	≤30.00	3.74	12.79	≤36.00	PASS
11N40SISO	Ant1	2437	8.45	0.38	8.83	≤30.00	3.74	12.57	≤36.00	PASS
11N40SISO	Ant1	2452	6.61	0.38	6.99	≤30.00	3.74	10.73	≤36.00	PASS

AV Power [dBm]= Reading power +DC Factor



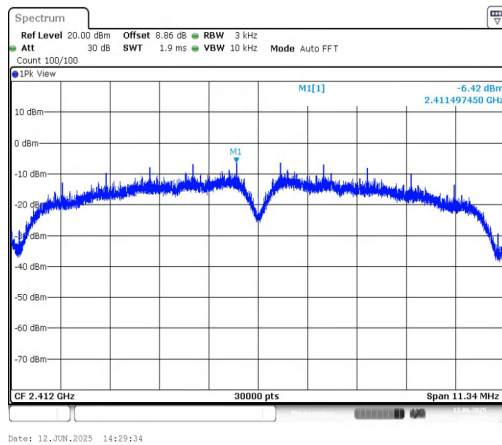
Appendix D: Maximum power spectral density

Test Result

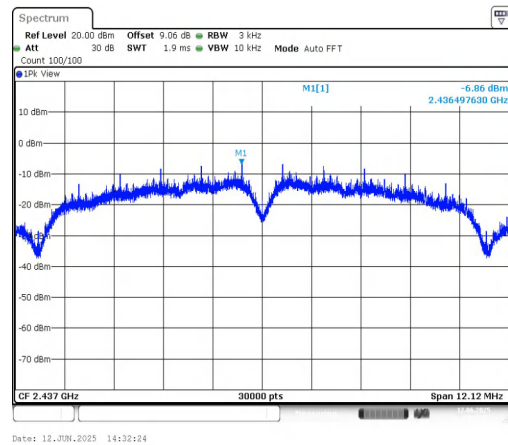
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.42	≤8.00	PASS
11B	Ant1	2437	-6.86	≤8.00	PASS
11B	Ant1	2462	-6.96	≤8.00	PASS
11G	Ant1	2412	-12.82	≤8.00	PASS
11G	Ant1	2437	-13.84	≤8.00	PASS
11G	Ant1	2462	-13.56	≤8.00	PASS
11N20SISO	Ant1	2412	-15.84	≤8.00	PASS
11N20SISO	Ant1	2437	-15.61	≤8.00	PASS
11N20SISO	Ant1	2462	-15.52	≤8.00	PASS
11N40SISO	Ant1	2422	-17.09	≤8.00	PASS
11N40SISO	Ant1	2437	-18.57	≤8.00	PASS
11N40SISO	Ant1	2452	-18.20	≤8.00	PASS



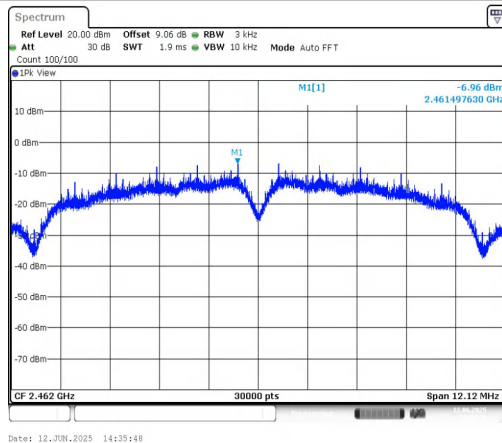
Test Graphs



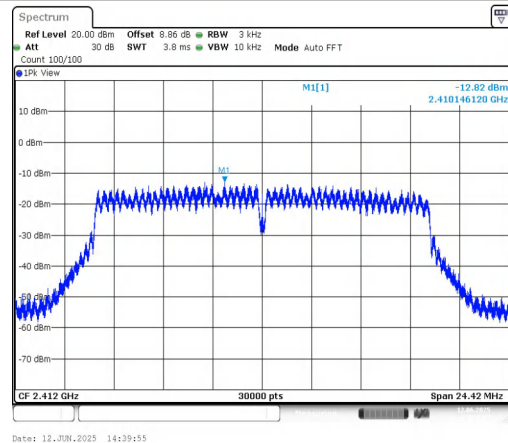
11B-Ant1-2412-PASS



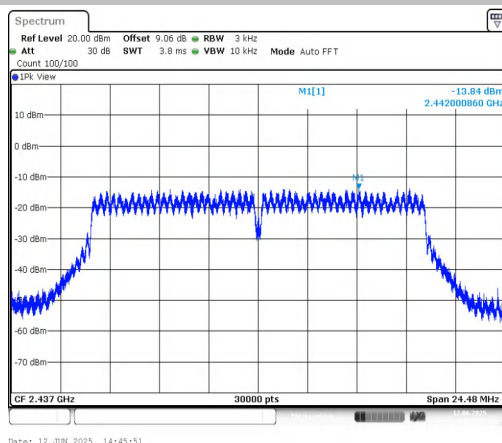
11B-Ant1-2437-PASS



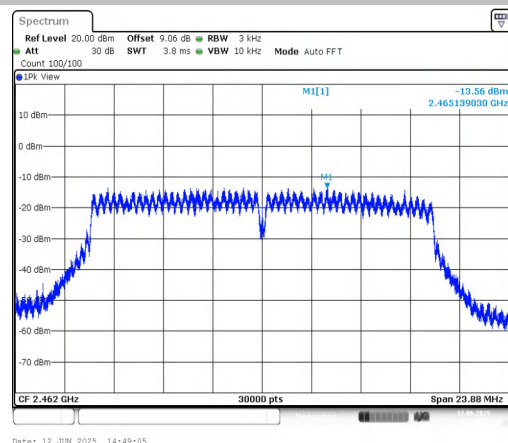
11B-Ant1-2462-PASS



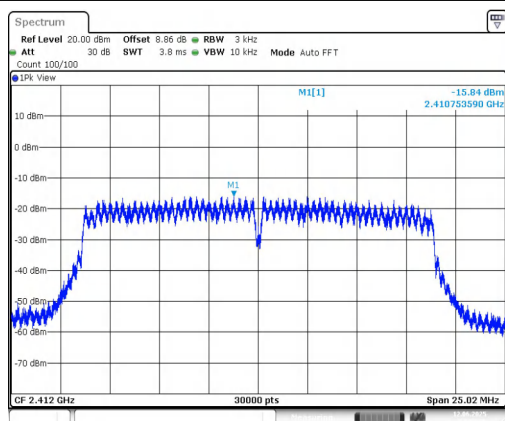
11G-Ant1-2412-PASS



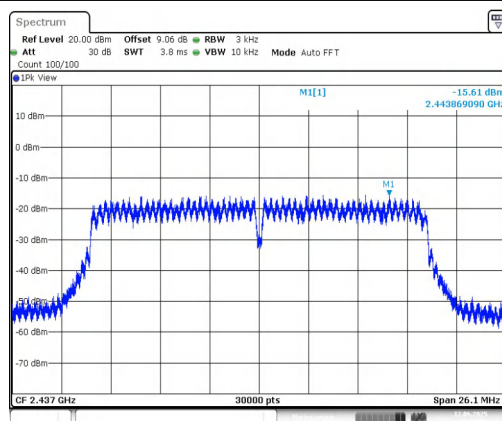
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



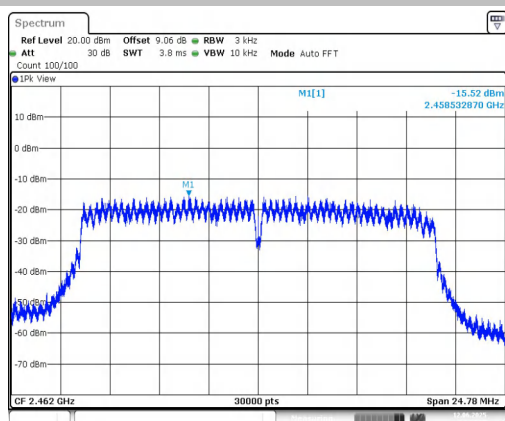
Date: 12.JUN.2025 14:52:48



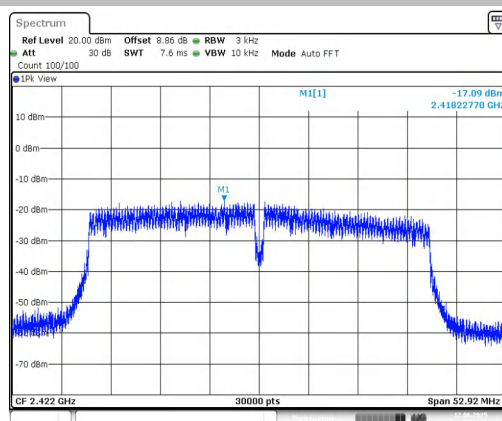
Date: 12.JUN.2025 14:56:56

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



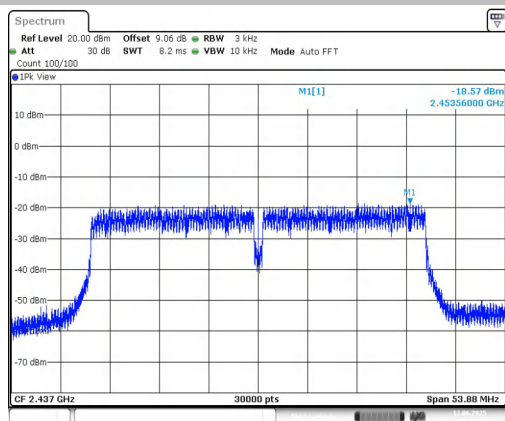
Date: 12.JUN.2025 14:59:57



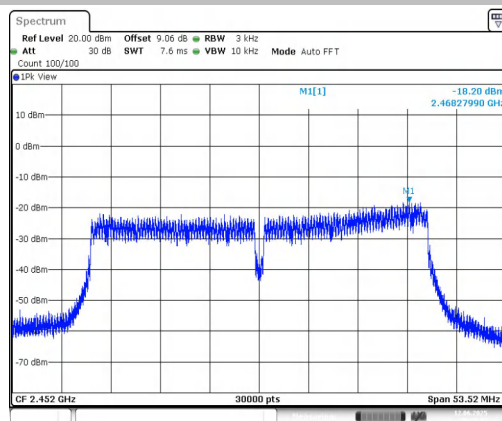
Date: 12.JUN.2025 15:03:08

11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



Date: 12.JUN.2025 15:06:02



Date: 12.JUN.2025 15:10:32

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



Appendix E: Conducted Spurious Emission

Test Result

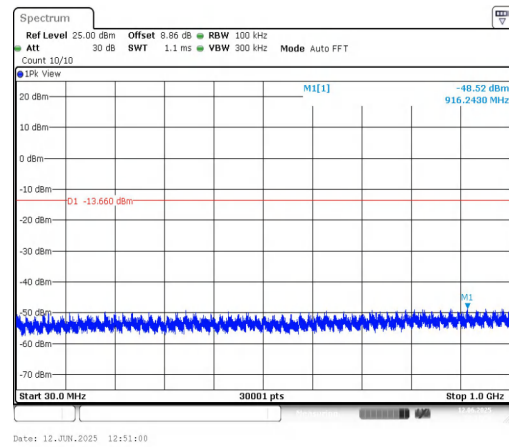
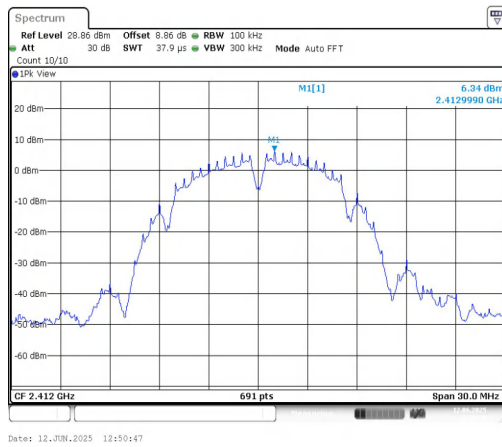
Test Mode	Antenna	Frequency[MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	6.34	6.34	---	PASS
11B	Ant1	2412	30~1000	6.34	-48.52	≤-13.66	PASS
11B	Ant1	2412	1000~26500	6.34	-35.94	≤-13.66	PASS
11B	Ant1	2437	0~Reference	3.95	3.95	---	PASS
11B	Ant1	2437	30~1000	3.95	-47.86	≤-16.05	PASS
11B	Ant1	2437	1000~26500	3.95	-37.42	≤-16.05	PASS
11B	Ant1	2462	0~Reference	4.23	4.23	---	PASS
11B	Ant1	2462	30~1000	4.23	-47.71	≤-15.77	PASS
11B	Ant1	2462	1000~26500	4.23	-36.6	≤-15.77	PASS
11G	Ant1	2412	0~Reference	0.86	0.86	---	PASS
11G	Ant1	2412	30~1000	0.86	-48.21	≤-19.14	PASS
11G	Ant1	2412	1000~26500	0.86	-36.3	≤-19.14	PASS
11G	Ant1	2437	0~Reference	0.73	0.73	---	PASS
11G	Ant1	2437	30~1000	0.73	-48.12	≤-19.27	PASS
11G	Ant1	2437	1000~26500	0.73	-36.59	≤-19.27	PASS
11G	Ant1	2462	0~Reference	0.97	0.97	---	PASS
11G	Ant1	2462	30~1000	0.97	-47.67	≤-19.03	PASS
11G	Ant1	2462	1000~26500	0.97	-37.36	≤-19.03	PASS
11N20SISO	Ant1	2412	0~Reference	-2.43	-2.43	---	PASS
11N20SISO	Ant1	2412	30~1000	-2.43	-48.07	≤-22.43	PASS
11N20SISO	Ant1	2412	1000~26500	-2.43	-36.26	≤-22.43	PASS
11N20SISO	Ant1	2437	0~Reference	-2.09	-2.09	---	PASS
11N20SISO	Ant1	2437	30~1000	-2.09	-48.19	≤-22.09	PASS
11N20SISO	Ant1	2437	1000~26500	-2.09	-37.29	≤-22.09	PASS
11N20SISO	Ant1	2462	0~Reference	-2.16	-2.16	---	PASS
11N20SISO	Ant1	2462	30~1000	-2.16	-48.09	≤-22.16	PASS
11N20SISO	Ant1	2462	1000~26500	-2.16	-37.9	≤-22.16	PASS
11N40SISO	Ant1	2422	0~Reference	-3.42	-3.42	---	PASS
11N40SISO	Ant1	2422	30~1000	-3.42	-47.72	≤-23.42	PASS
11N40SISO	Ant1	2422	1000~26500	-3.42	-36.74	≤-23.42	PASS
11N40SISO	Ant1	2437	0~Reference	-4.47	-4.47	---	PASS
11N40SISO	Ant1	2437	30~1000	-4.47	-48.21	≤-24.47	PASS
11N40SISO	Ant1	2437	1000~26500	-4.47	-37.01	≤-24.47	PASS
11N40SISO	Ant1	2452	0~Reference	-4.07	-4.07	---	PASS
11N40SISO	Ant1	2452	30~1000	-4.07	-48.28	≤-24.07	PASS



11N40SISO	Ant1	2452	1000~26500	-4.07	-36.57	≤-24.07	PASS
-----------	------	------	------------	-------	--------	---------	------

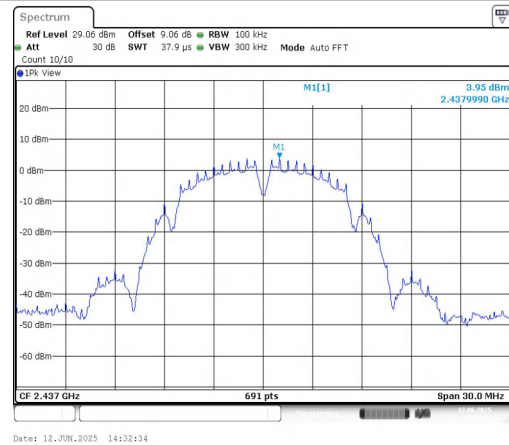
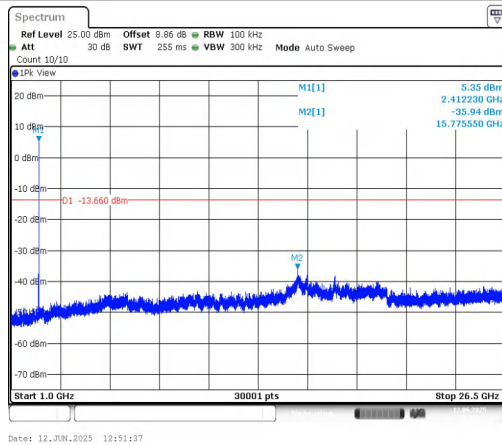


Test Graphs



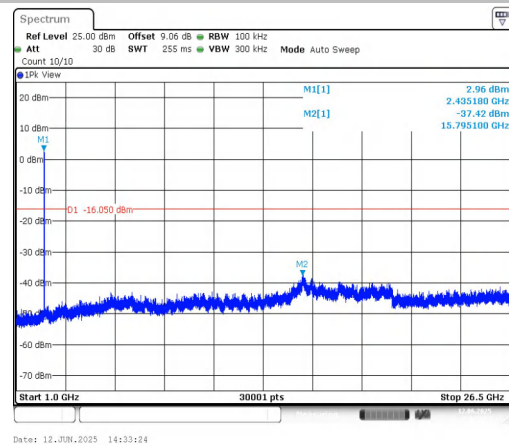
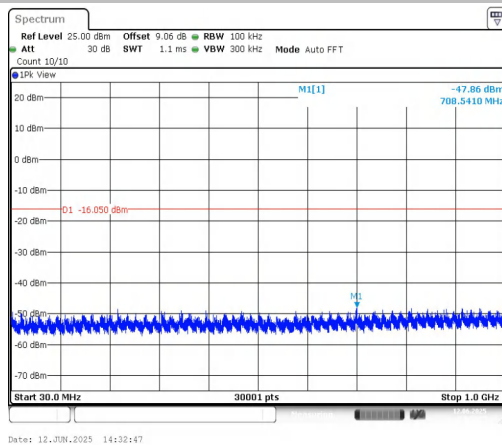
11B-Ant1-2412-0~Reference-PASS

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



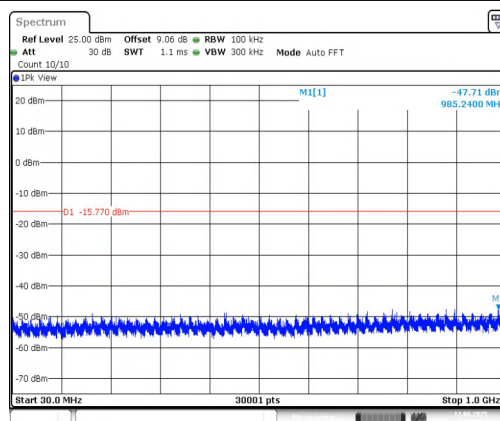
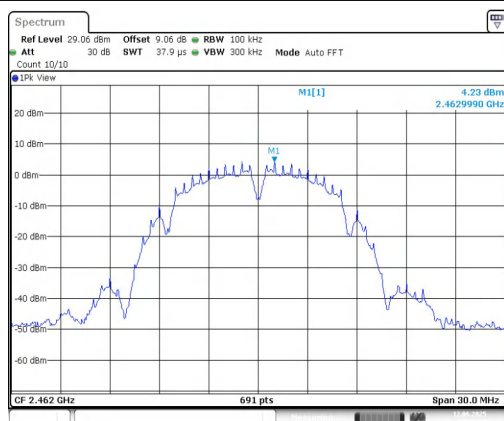
11B-Ant1-2412-1000~26500-PASS

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



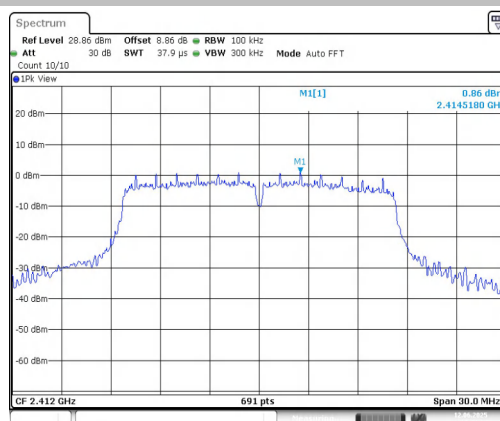
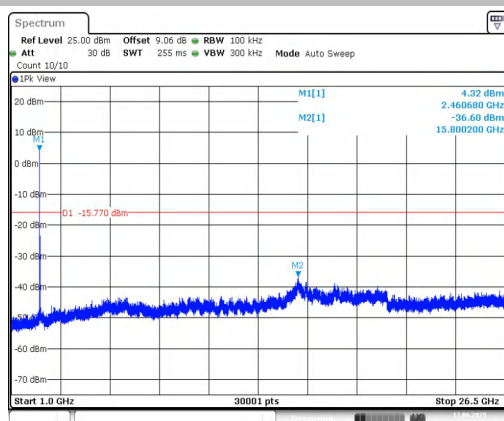
11B-Ant1-2437-30~1000-PASS

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



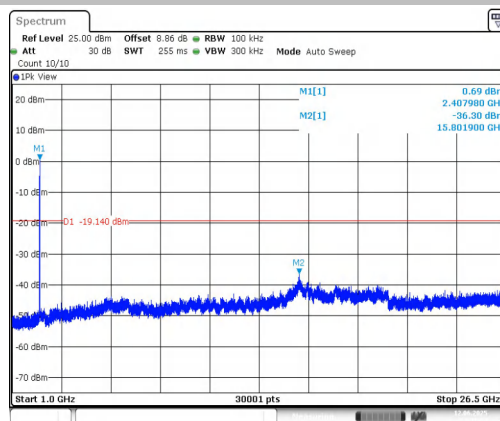
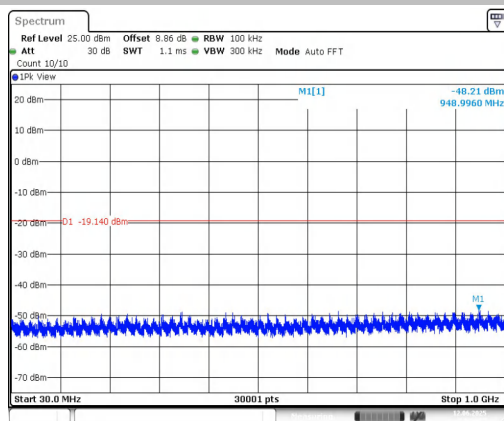
11B-Ant1-2462-0~Reference-PASS

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



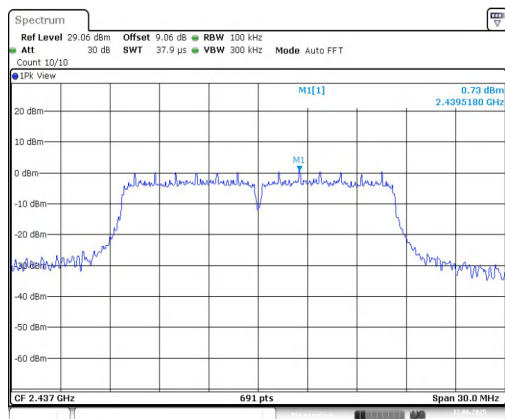
11B-Ant1-2462-1000~26500-PASS

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

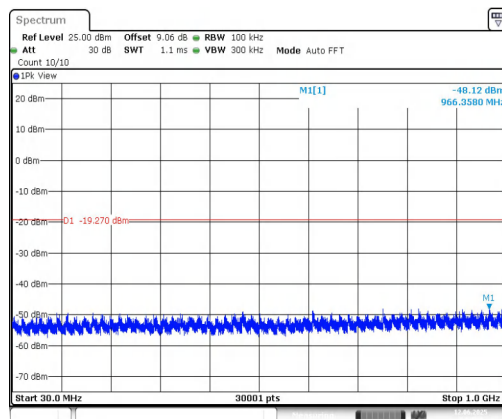


11G-Ant1-2412-30~1000-PASS

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



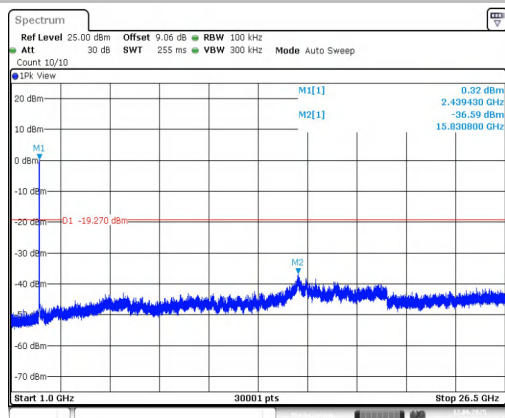
Date: 12.JUN.2025 14:45:59



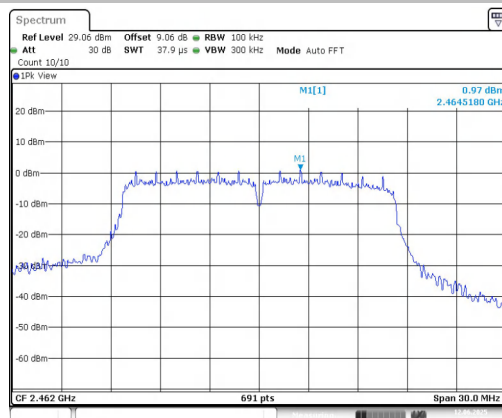
Date: 12.JUN.2025 14:46:12

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

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



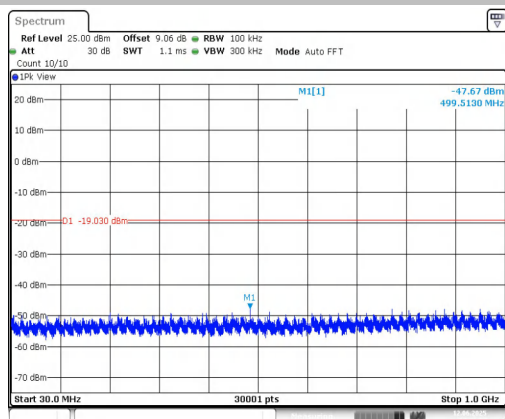
Date: 12.JUN.2025 14:46:49



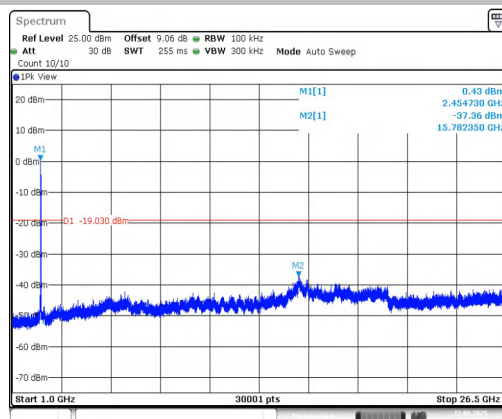
Date: 12.JUN.2025 14:49:23

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

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



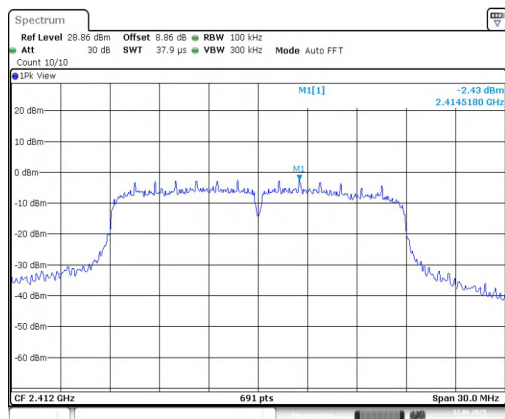
Date: 12.JUN.2025 14:49:37



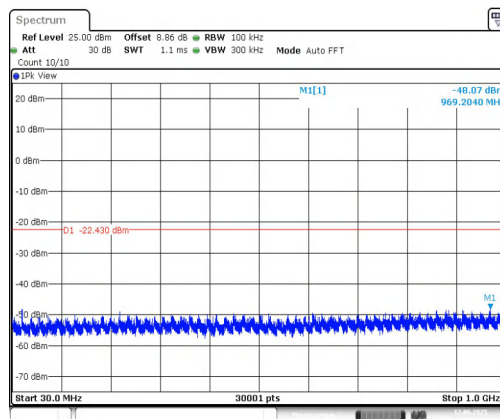
Date: 12.JUN.2025 14:50:14

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

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



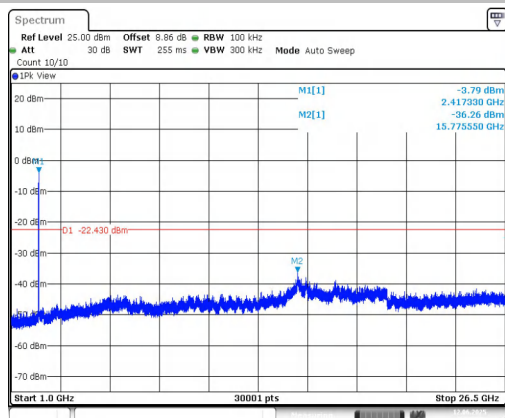
Date: 12 JUN 2025 14:53:06



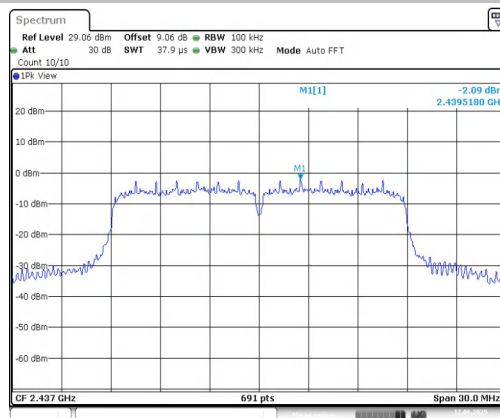
Date: 12 JUN 2025 14:53:19

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

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



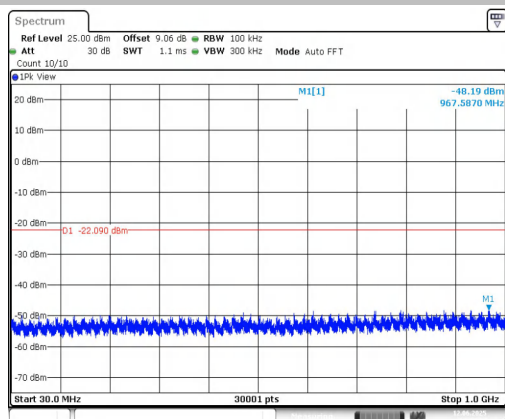
Date: 12 JUN 2025 14:53:06



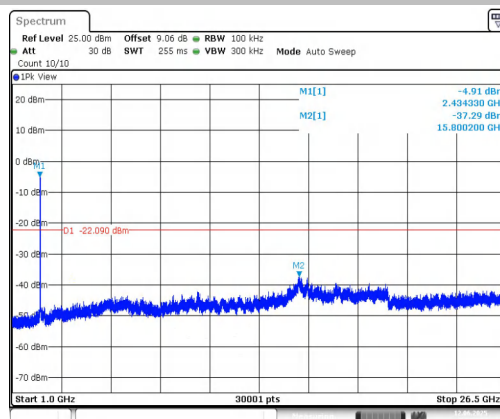
Date: 12 JUN 2025 14:57:04

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

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



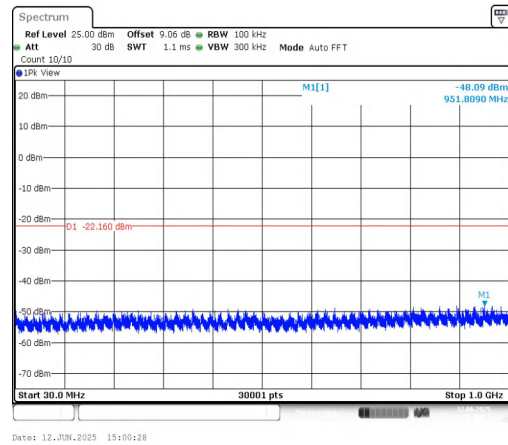
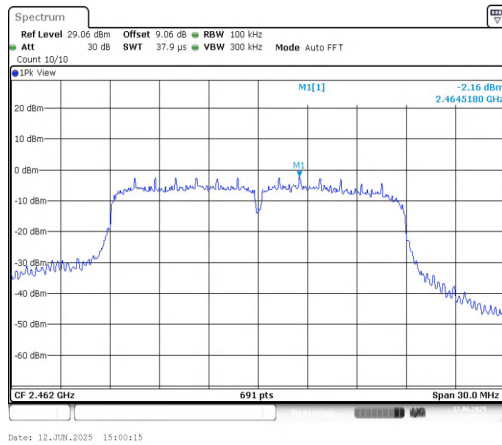
Date: 12 JUN 2025 14:57:17



Date: 12 JUN 2025 14:57:54

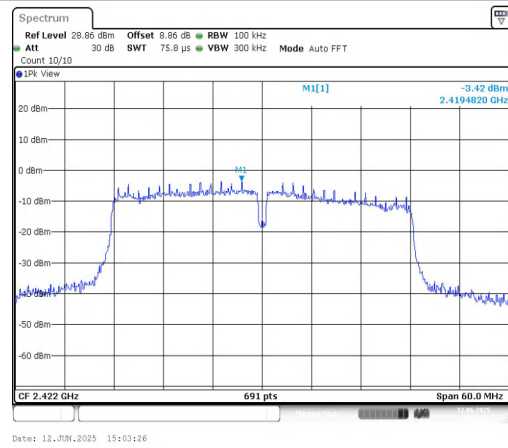
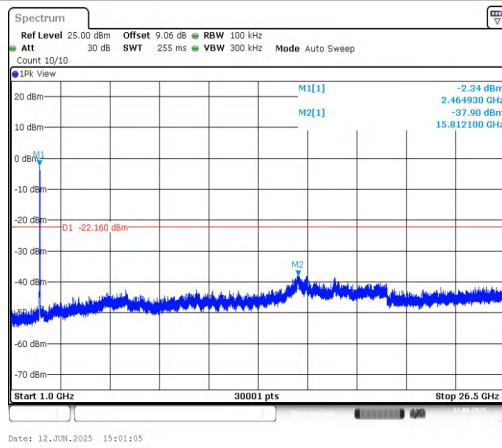
11N20SISO-Ant1-2437-30~1000-PASS

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



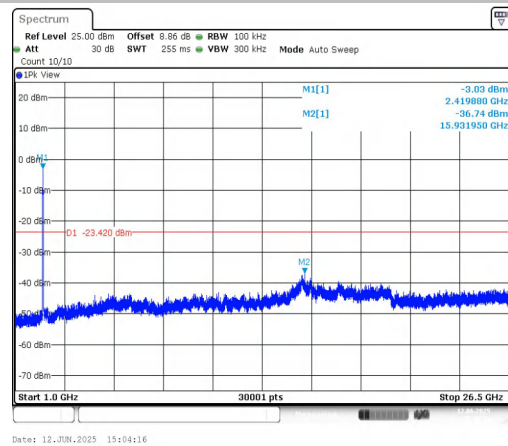
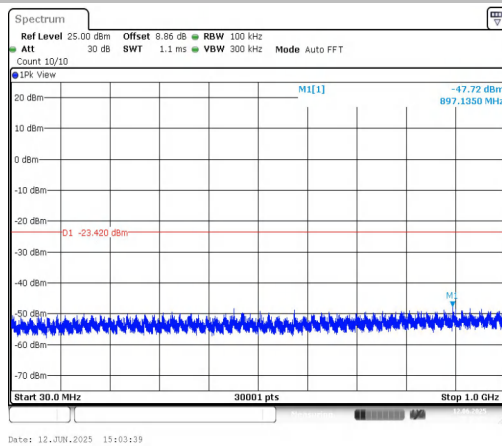
11N20SISO-Ant1-2462-0~Reference-PASS

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



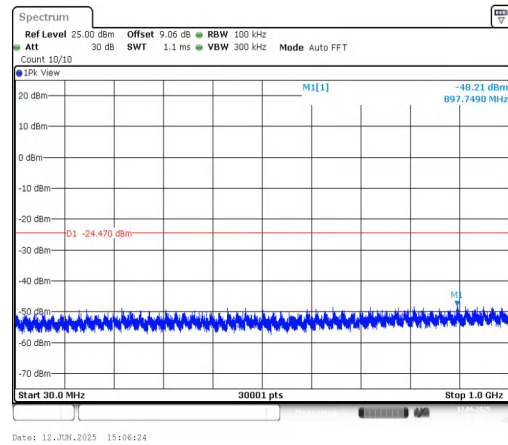
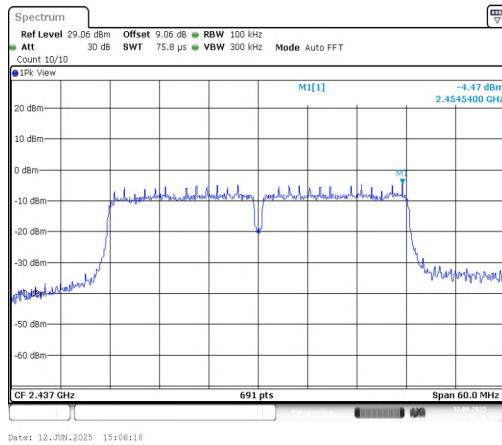
11N20SISO-Ant1-2462-1000~26500-PASS

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



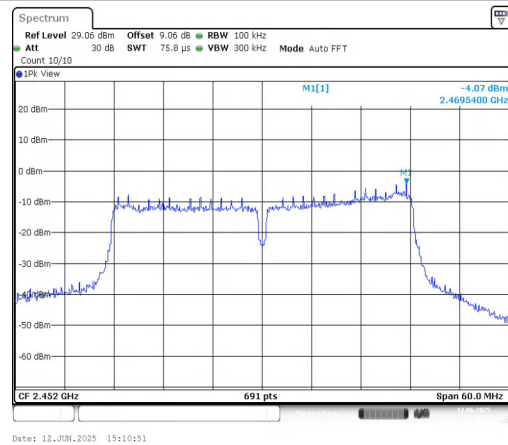
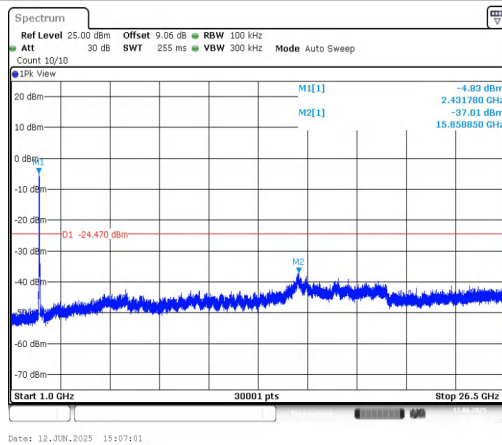
11N40SISO-Ant1-2422-30~1000-PASS

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



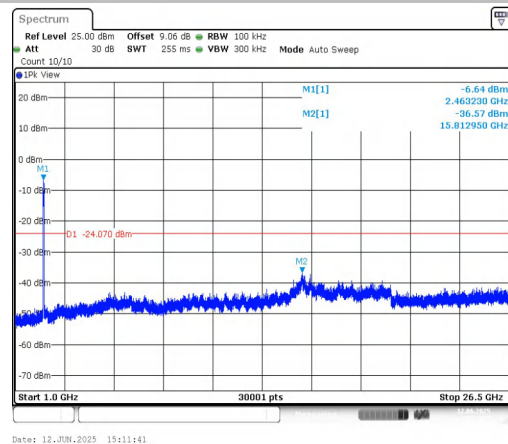
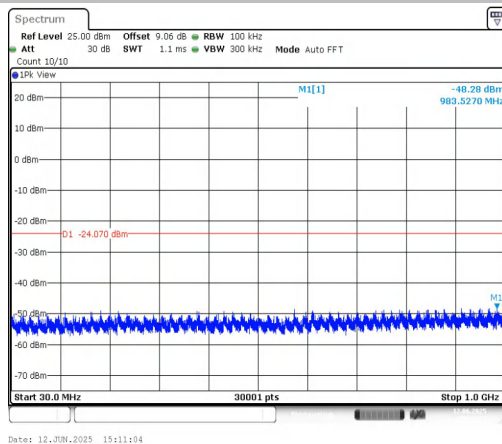
11N40SISO-Ant1-2437-0~Reference-PASS

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



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

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



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

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



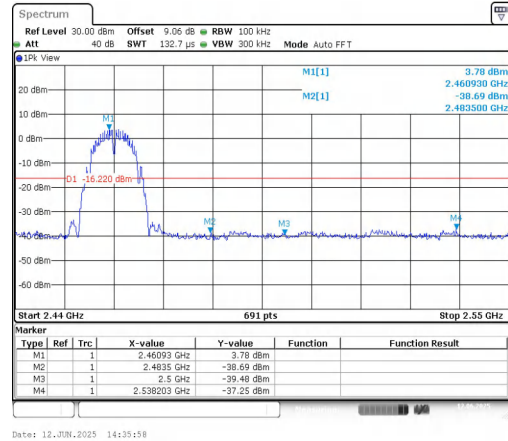
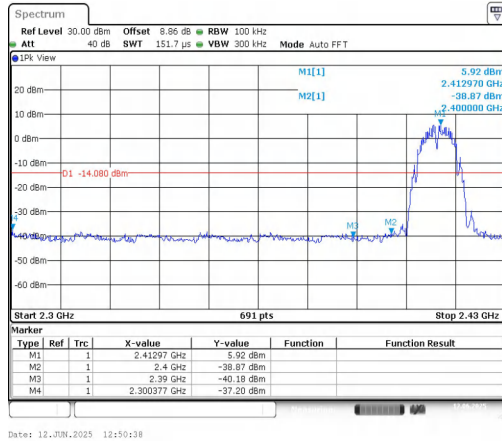
Appendix F: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.92	-37.2	≤ -14.08	PASS
11B	Ant1	High	2462	3.78	-37.25	≤ -16.22	PASS
11G	Ant1	Low	2412	0.19	-28.59	≤ -19.81	PASS
11G	Ant1	High	2462	0.43	-36.34	≤ -19.57	PASS
11N20SISO	Ant1	Low	2412	-4.11	-33.34	≤ -24.11	PASS
11N20SISO	Ant1	High	2462	-3.04	-36.91	≤ -23.04	PASS
11N40SISO	Ant1	Low	2422	-3.56	-35.26	≤ -23.56	PASS
11N40SISO	Ant1	High	2452	-4.39	-37.06	≤ -24.39	PASS

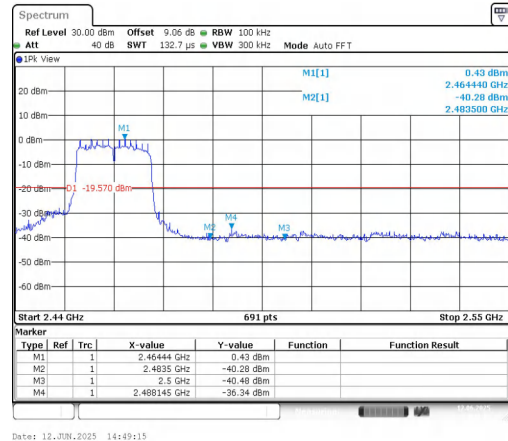
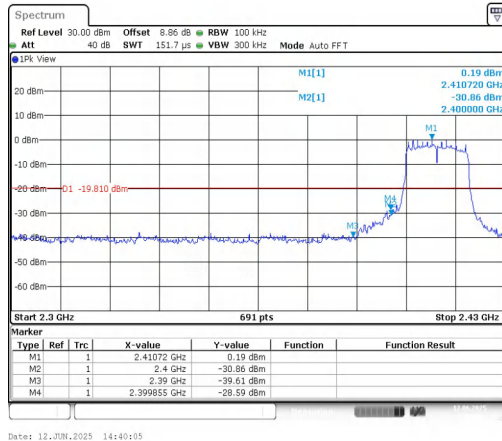


Test Graphs



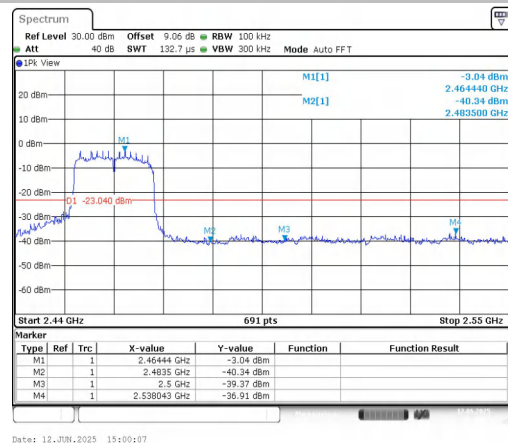
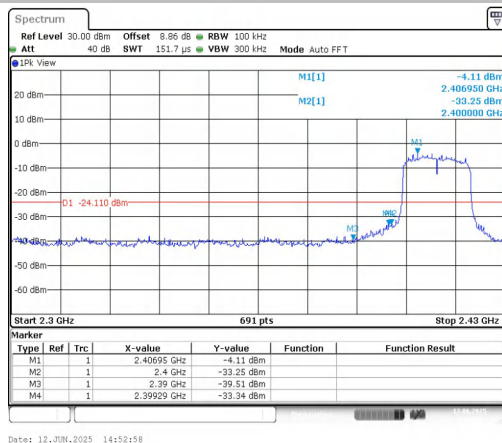
11B-Ant1-2412-PASS

11B-Ant1-2462-PASS



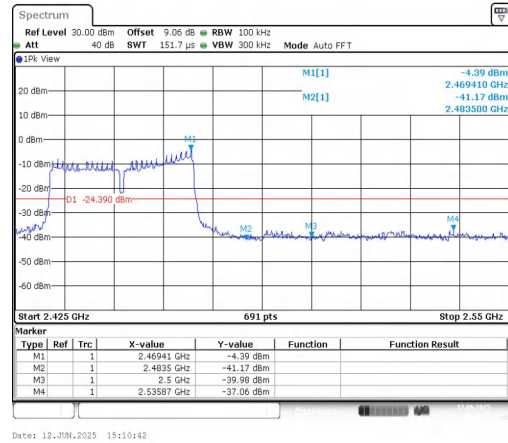
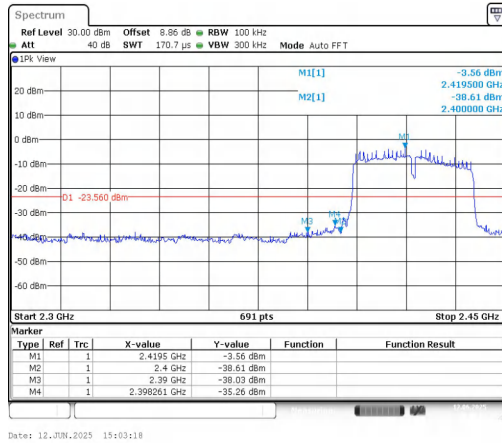
11G-Ant1-2412-PASS

11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS



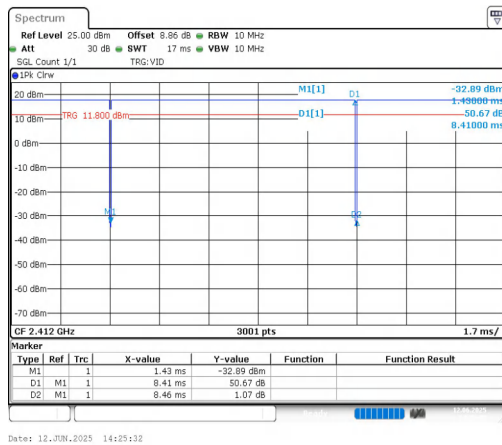
Appendix G: Duty Cycle

Test Result

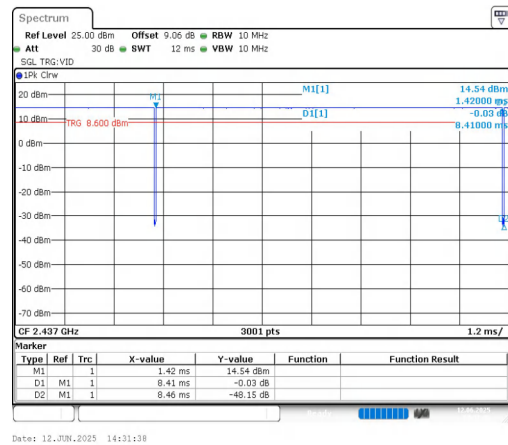
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle[%]	DC Factor [dB]
11B	Ant1	2412	8.41	8.46	99.41	0.03
11B	Ant1	2437	8.41	8.46	99.41	0.03
11B	Ant1	2462	8.41	8.46	99.41	0.03
11G	Ant1	2412	1.39	1.45	95.86	0.18
11G	Ant1	2437	1.40	1.45	96.55	0.15
11G	Ant1	2462	1.39	1.45	95.86	0.18
11N20SISO	Ant1	2412	1.31	1.36	96.32	0.16
11N20SISO	Ant1	2437	1.30	1.36	95.59	0.20
11N20SISO	Ant1	2462	1.30	1.36	95.59	0.20
11N40SISO	Ant1	2422	0.65	0.70	92.86	0.32
11N40SISO	Ant1	2437	0.65	0.71	91.55	0.38
11N40SISO	Ant1	2452	0.65	0.71	91.55	0.38



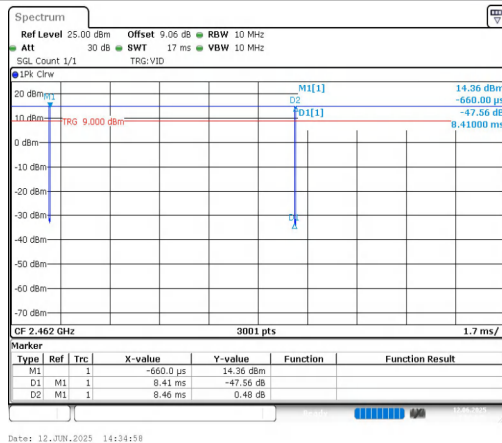
Test Graphs



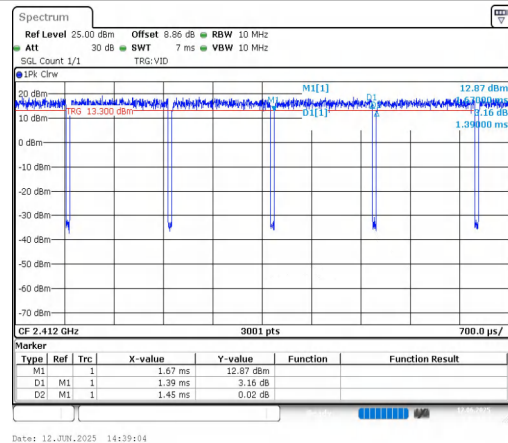
NTVN-11B-Ant1-2412



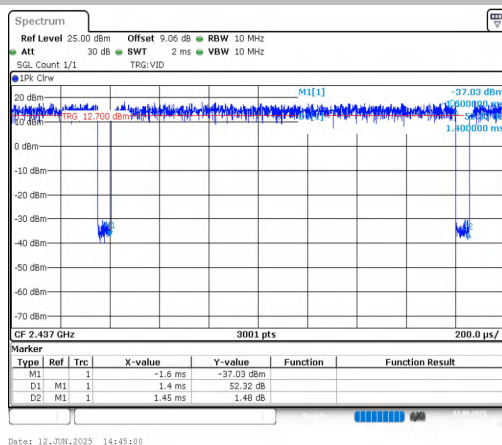
NTVN-11B-Ant1-2437



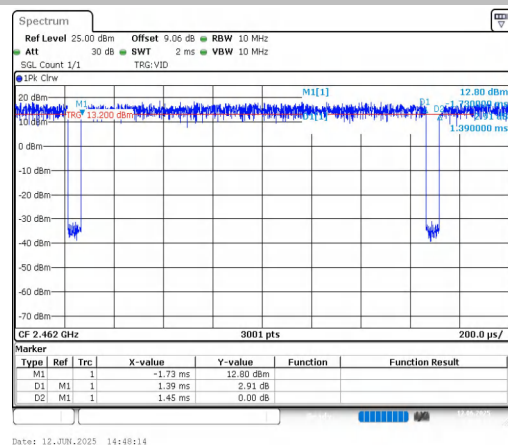
NTVN-11B-Ant1-2462



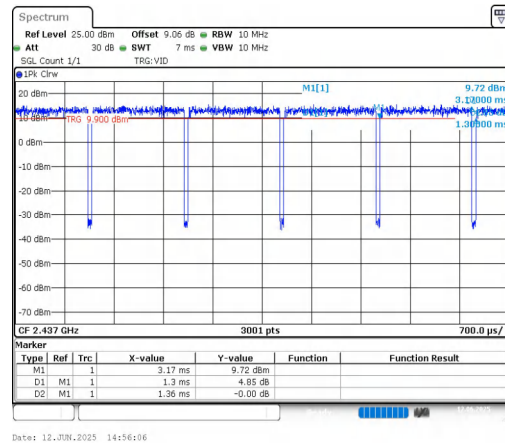
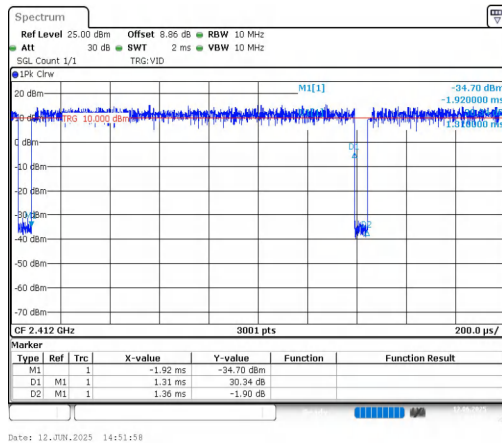
NTVN-11G-Ant1-2412



NTVN-11G-Ant1-2437

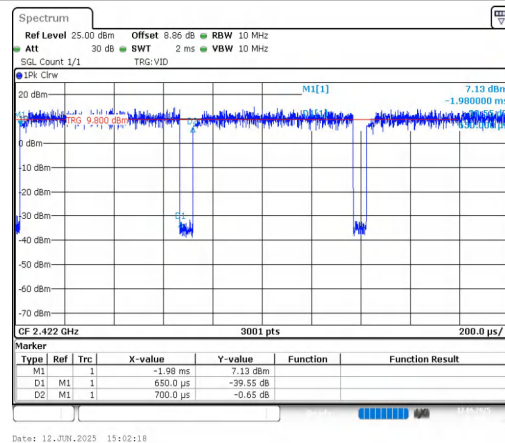
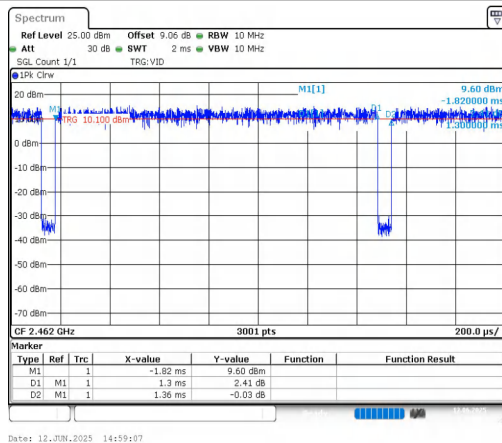


NTVN-11G-Ant1-2462



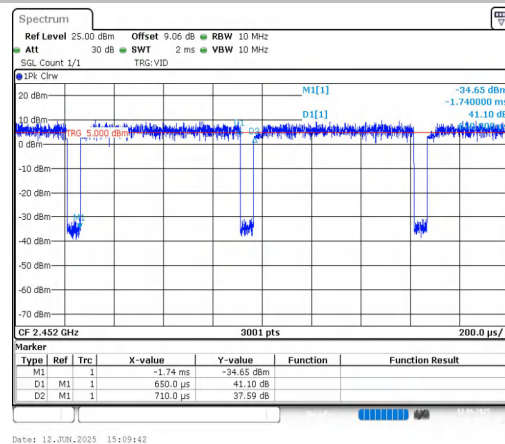
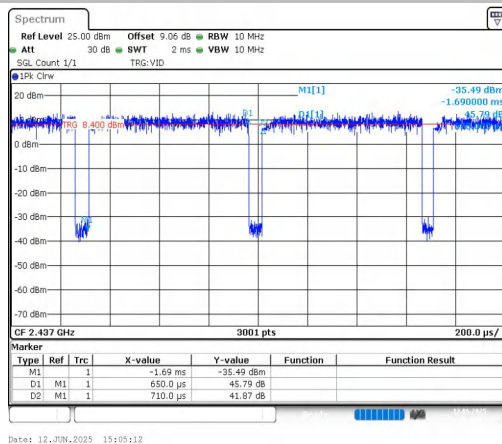
NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462

NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

-----END-----