



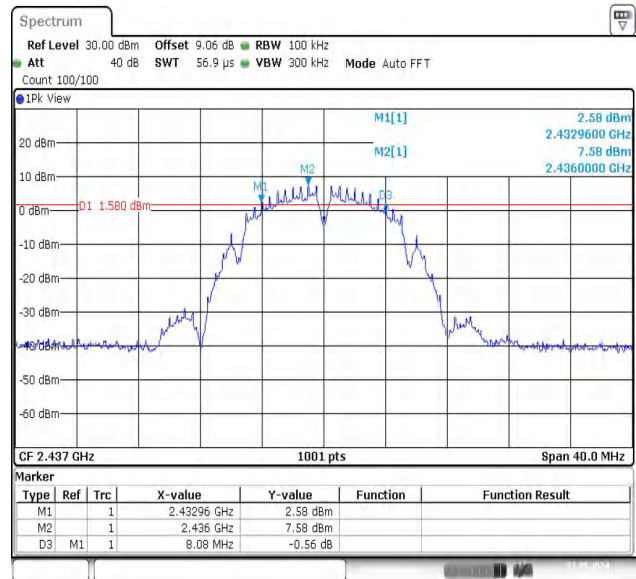
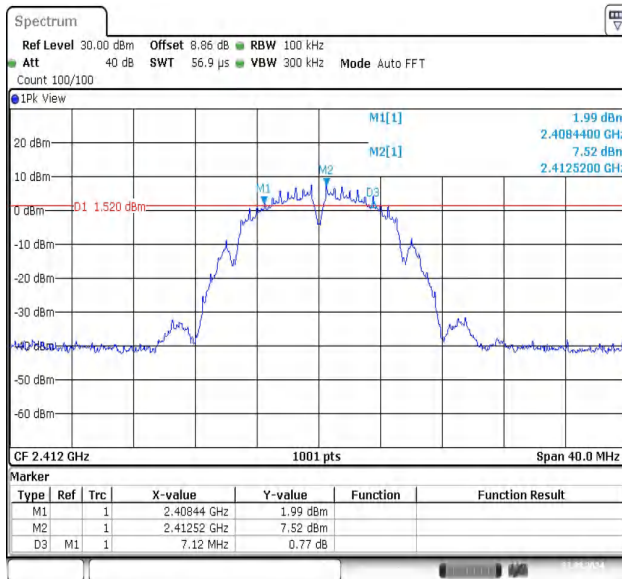
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.12	2408.44	2415.56	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	16.04	2404.12	2420.16	0.5	PASS
11G	Ant1	2437	16.32	2428.84	2445.16	0.5	PASS
11G	Ant1	2462	16.08	2454.08	2470.16	0.5	PASS
11N20SISO	Ant1	2412	16.96	2403.68	2420.64	0.5	PASS
11N20SISO	Ant1	2437	17.28	2428.36	2445.64	0.5	PASS
11N20SISO	Ant1	2462	16.96	2453.68	2470.64	0.5	PASS
11N40SISO	Ant1	2422	35.92	2404.08	2440.00	0.5	PASS
11N40SISO	Ant1	2437	35.52	2419.08	2454.60	0.5	PASS
11N40SISO	Ant1	2452	35.60	2434.40	2470.00	0.5	PASS

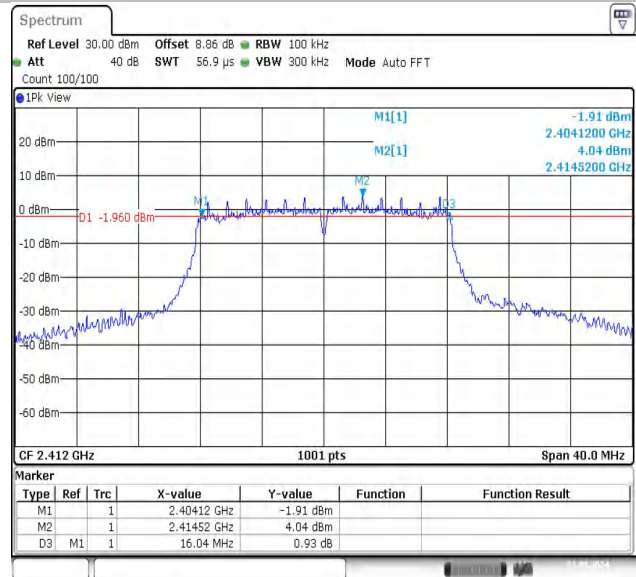
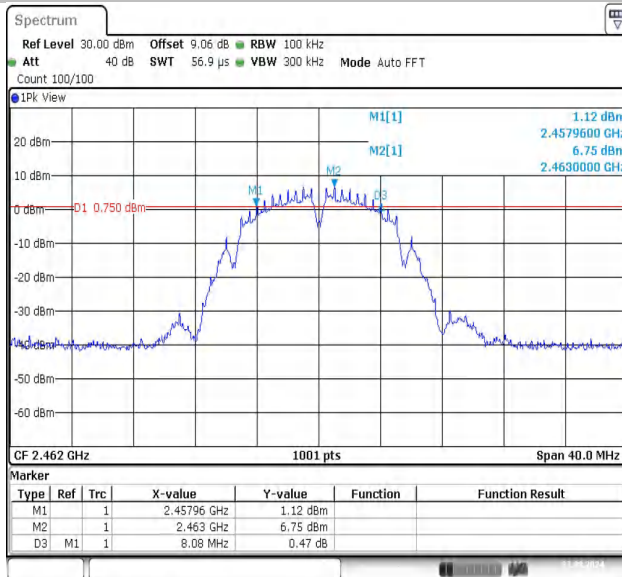


Test Graphs



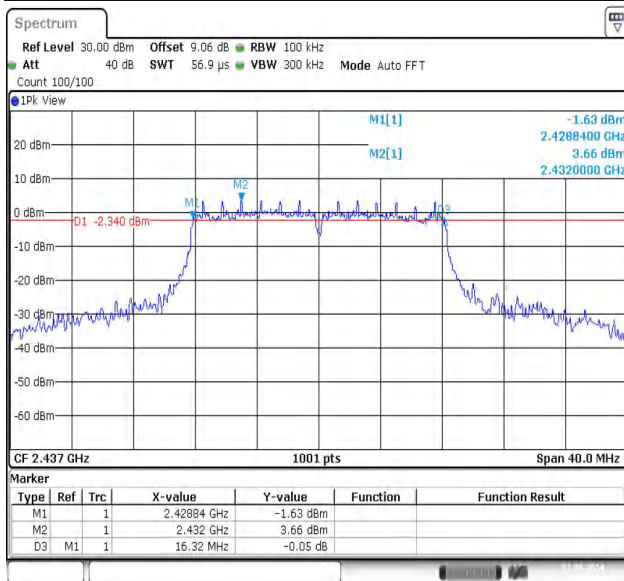
11B-Ant1-2412-PASS

11B-Ant1-2437-PASS

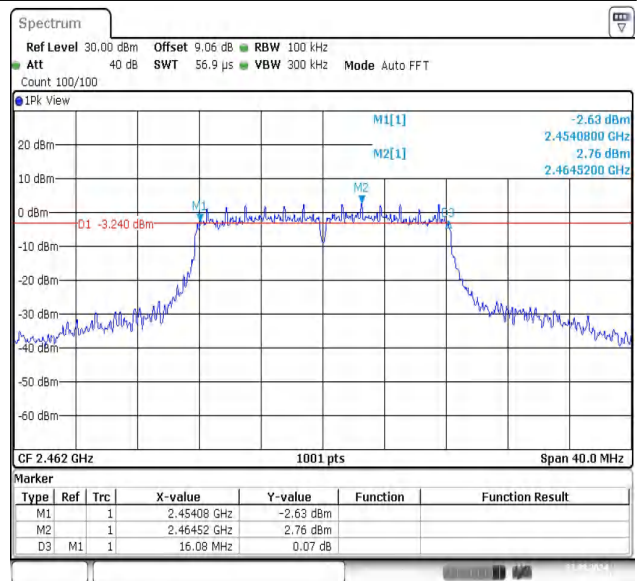


11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

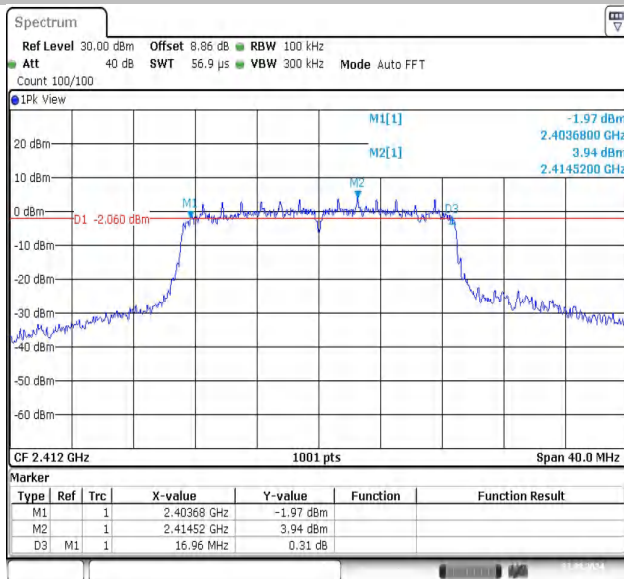


Date: 27.AUG.2024 18:50:10



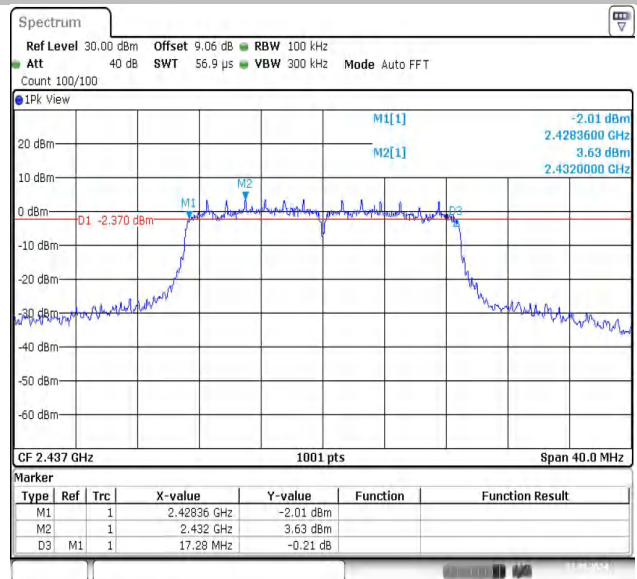
Date: 27.AUG.2024 18:52:34

11G-Ant1-2437-PASS



Date: 27.AUG.2024 18:55:34

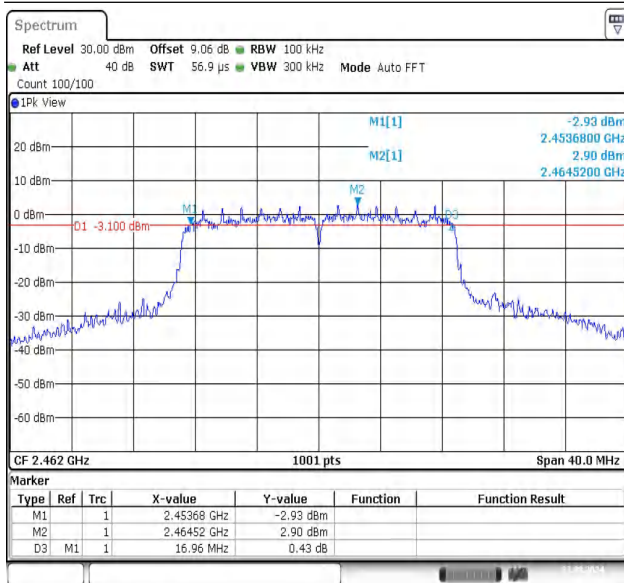
11G-Ant1-2462-PASS



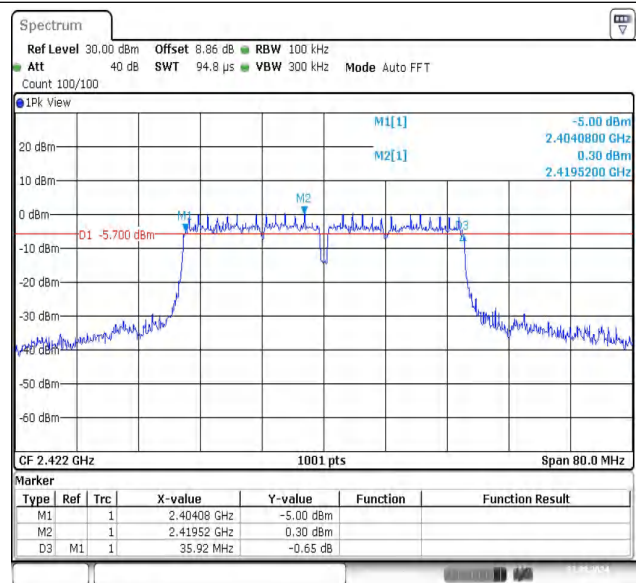
Date: 27.AUG.2024 18:58:10

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS

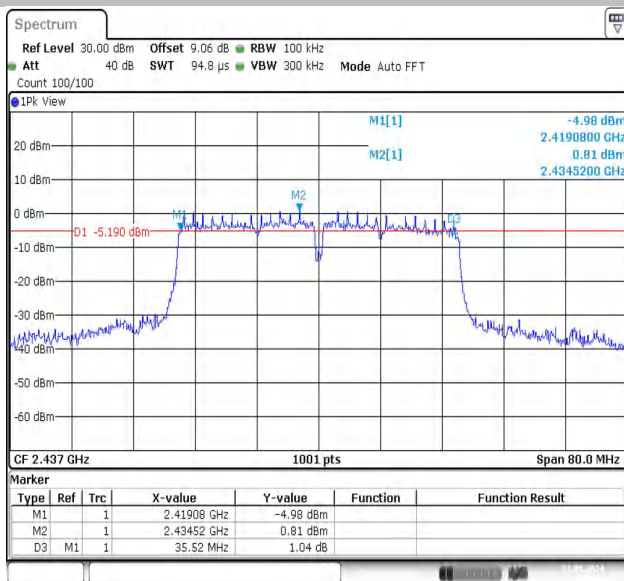


Date: 27.AUG.2024 19:02:39



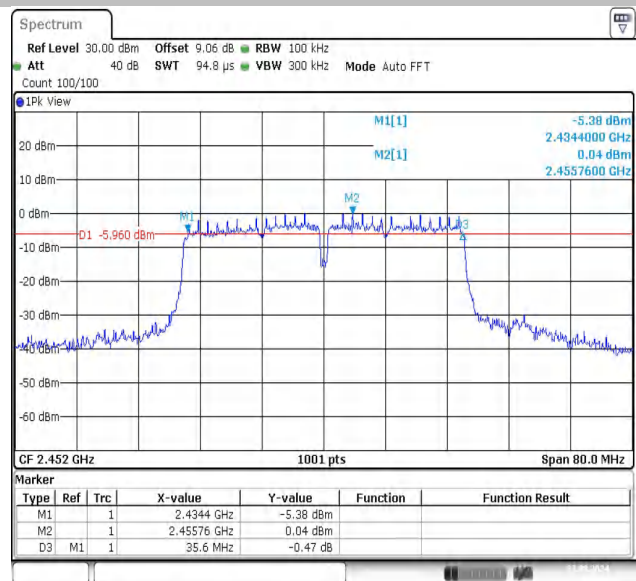
Date: 27.AUG.2024 19:05:34

11N20SISO-Ant1-2462-PASS



Date: 27.AUG.2024 19:08:11

11N40SISO-Ant1-2422-PASS



Date: 27.AUG.2024 19:10:36

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



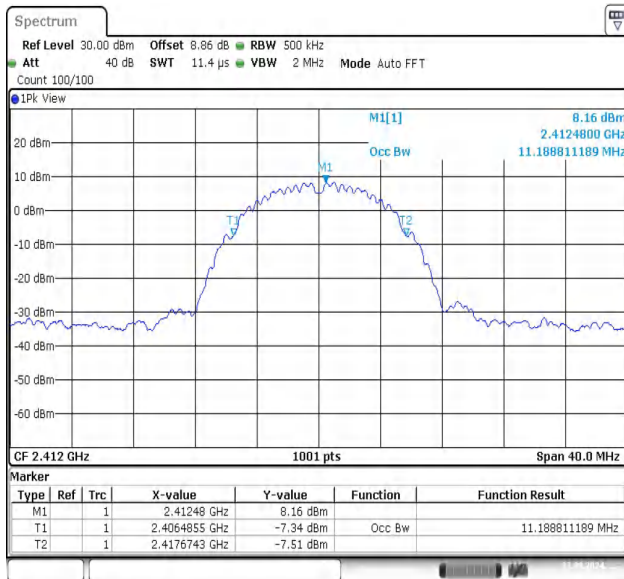
Appendix B: Occupied Channel Bandwidth

Test Result

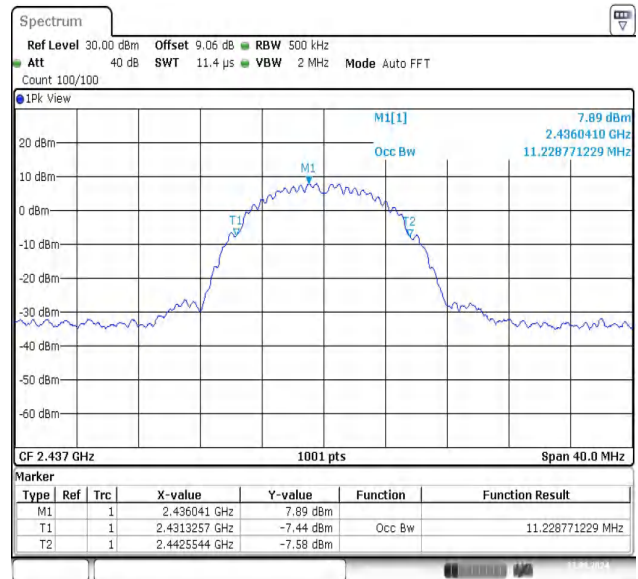
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.189	2406.4855	2417.6743	---	---
11B	Ant1	2437	11.229	2431.3257	2442.5544	---	---
11B	Ant1	2462	11.229	2456.4456	2467.6743	---	---
11G	Ant1	2412	16.983	2403.5684	2420.5514	---	---
11G	Ant1	2437	17.383	2428.2488	2445.6314	---	---
11G	Ant1	2462	16.983	2453.5684	2470.5514	---	---
11N20SISO	Ant1	2412	17.742	2403.1289	2420.8711	---	---
11N20SISO	Ant1	2437	17.942	2427.9690	2445.9111	---	---
11N20SISO	Ant1	2462	17.822	2453.1289	2470.9510	---	---
11N40SISO	Ant1	2422	36.603	2403.6184	2440.2218	---	---
11N40SISO	Ant1	2437	36.284	2418.6983	2454.9820	---	---
11N40SISO	Ant1	2452	36.603	2433.9381	2470.5415	---	---



Test Graphs



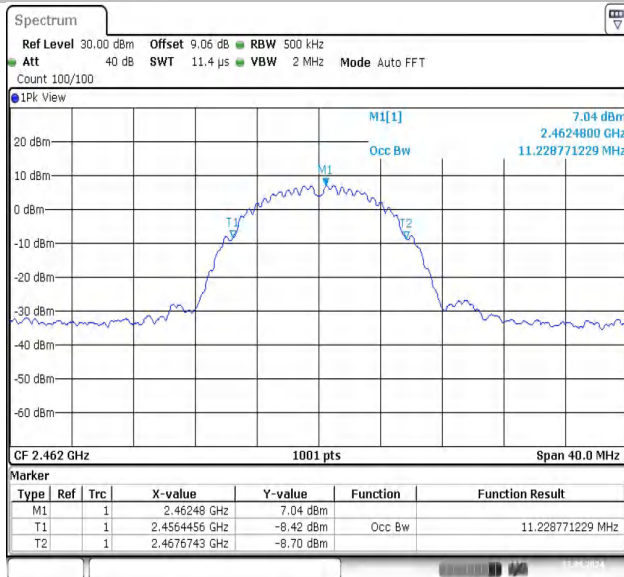
Date: 27.AUG.2024 18:33:56



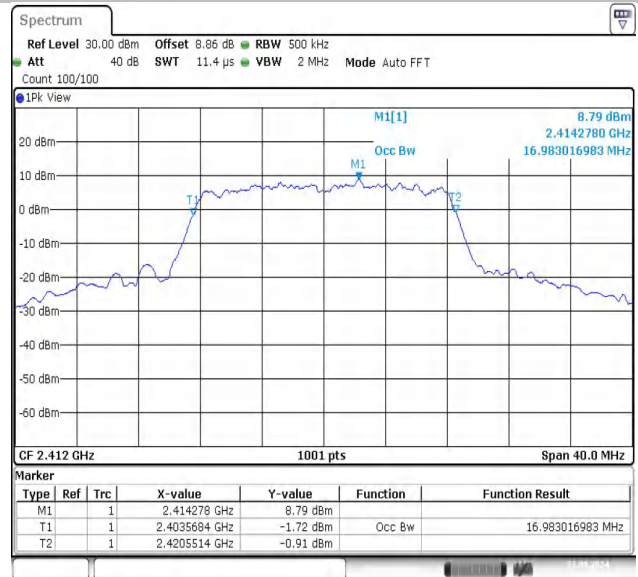
Date: 27.AUG.2024 18:40:32

11B-Ant1-2412

11B-Ant1-2437



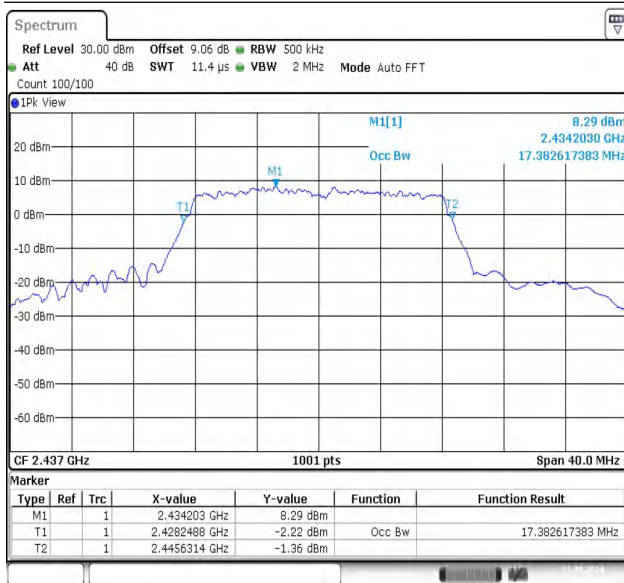
Date: 27.AUG.2024 18:43:20



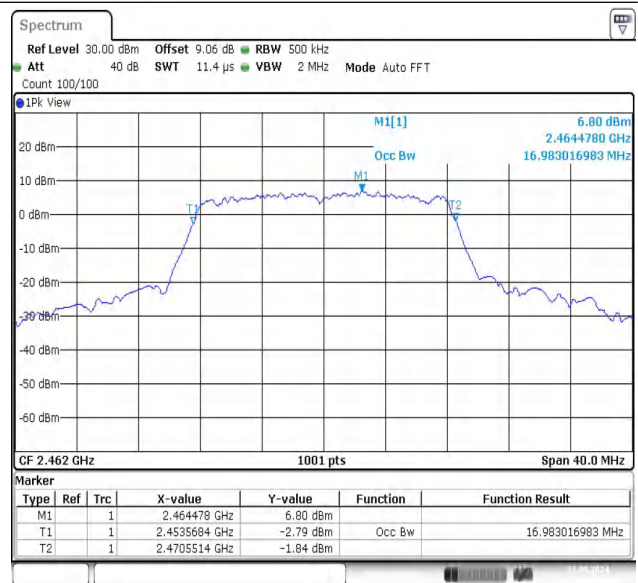
Date: 27.AUG.2024 18:47:38

11B-Ant1-2462

11G-Ant1-2412



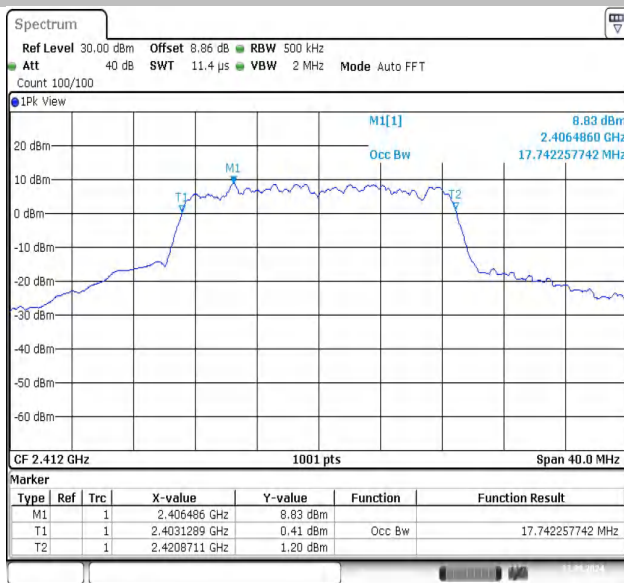
Date: 27.AUG.2024 18:50:17



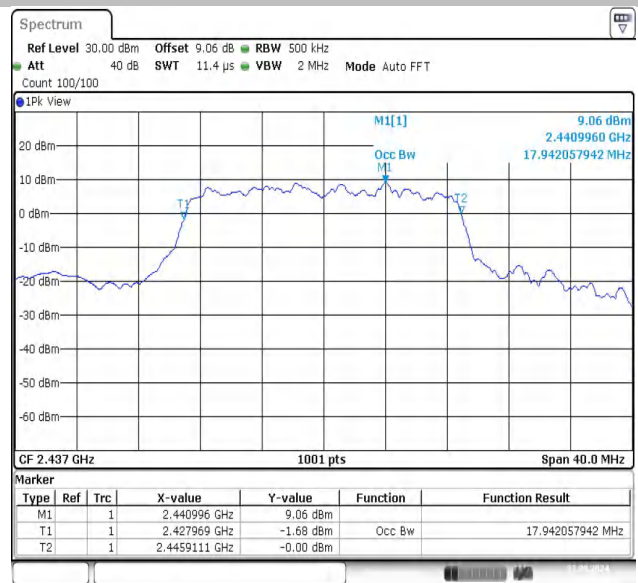
Date: 27.AUG.2024 18:52:41

11G-Ant1-2437

11G-Ant1-2462



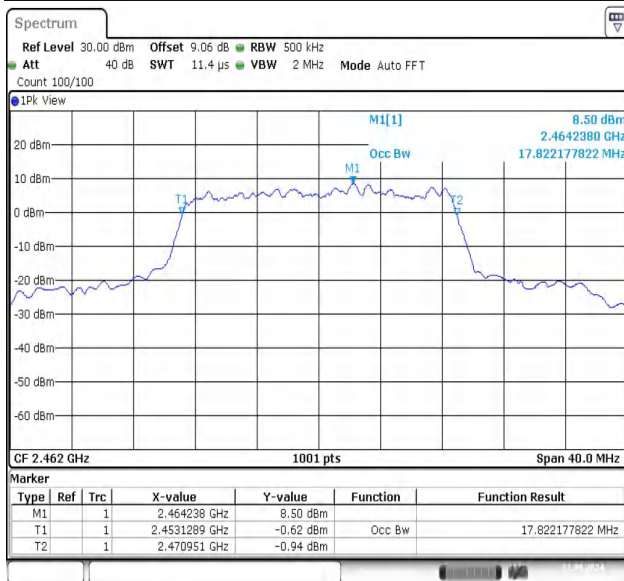
Date: 27.AUG.2024 18:55:42



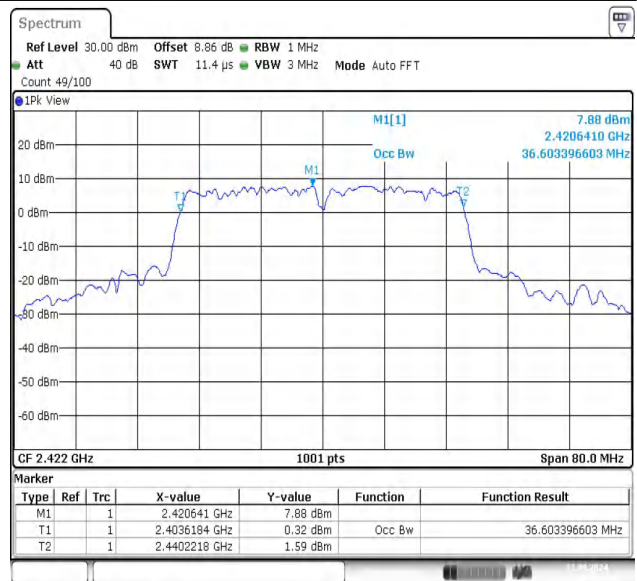
Date: 27.AUG.2024 18:58:18

11N20SISO-Ant1-2412

11N20SISO-Ant1-2437



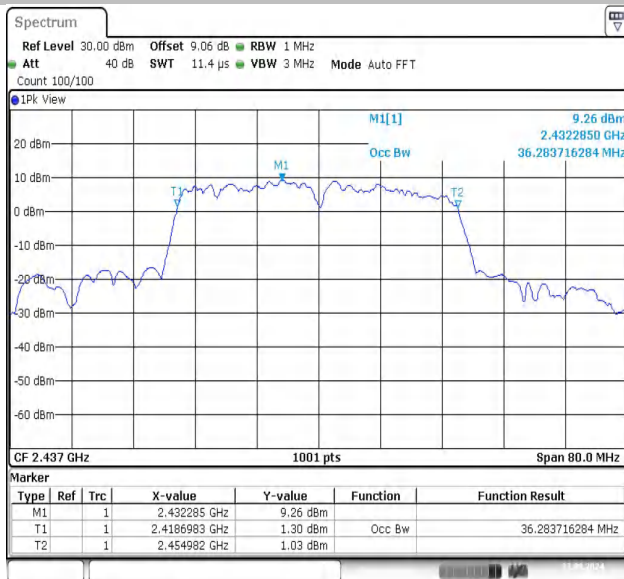
Date: 27.AUG.2024 19:02:46



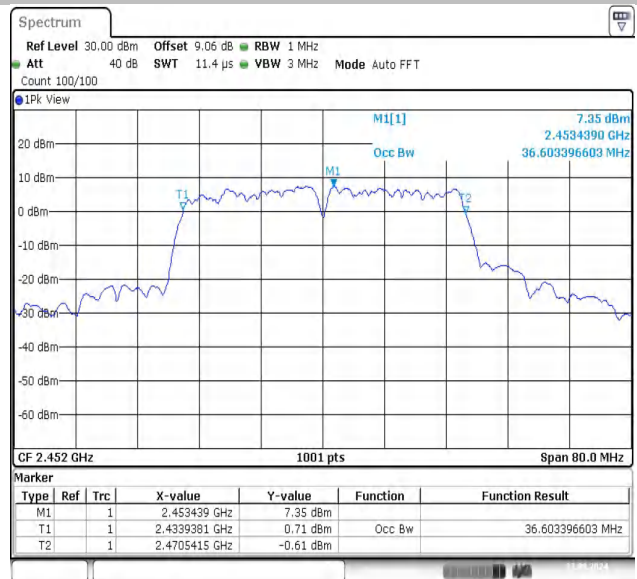
Date: 27.AUG.2024 19:05:42

11N20SISO-Ant1-2462

11N40SISO-Ant1-2422



Date: 27.AUG.2024 19:08:19



Date: 27.AUG.2024 19:10:43

11N40SISO-Ant1-2437

11N40SISO-Ant1-2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Peak Power [dBm]	Peak Powe Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	18.78	≤30.00	-1.20	17.58	≤36.00	PASS
11B	Ant1	2437	18.21	≤30.00	-1.20	17.01	≤36.00	PASS
11B	Ant1	2462	17.33	≤30.00	-1.20	16.13	≤36.00	PASS
11G	Ant1	2412	22.44	≤30.00	-1.20	21.24	≤36.00	PASS
11G	Ant1	2437	22.49	≤30.00	-1.20	21.29	≤36.00	PASS
11G	Ant1	2462	21.22	≤30.00	-1.20	20.02	≤36.00	PASS
11N20SISO	Ant1	2412	22.78	≤30.00	-1.20	21.58	≤36.00	PASS
11N20SISO	Ant1	2437	22.80	≤30.00	-1.20	21.60	≤36.00	PASS
11N20SISO	Ant1	2462	21.68	≤30.00	-1.20	20.48	≤36.00	PASS
11N40SISO	Ant1	2422	22.22	≤30.00	-1.20	21.02	≤36.00	PASS
11N40SISO	Ant1	2437	22.25	≤30.00	-1.20	21.05	≤36.00	PASS
11N40SISO	Ant1	2452	21.59	≤30.00	-1.20	20.39	≤36.00	PASS



Test Result Average

Test Mode	Antenna	Frequency [MHz]	AV Power [dBm]	AV Power Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	14.76	≤30.00	-1.20	13.56	≤36.00	PASS
11B	Ant1	2437	13.94	≤30.00	-1.20	12.74	≤36.00	PASS
11B	Ant1	2462	12.96	≤30.00	-1.20	11.76	≤36.00	PASS
11G	Ant1	2412	13.27	≤30.00	-1.20	12.07	≤36.00	PASS
11G	Ant1	2437	13.28	≤30.00	-1.20	12.08	≤36.00	PASS
11G	Ant1	2462	12.03	≤30.00	-1.20	10.83	≤36.00	PASS
11N20SISO	Ant1	2412	13.38	≤30.00	-1.20	12.18	≤36.00	PASS
11N20SISO	Ant1	2437	13.80	≤30.00	-1.20	12.60	≤36.00	PASS
11N20SISO	Ant1	2462	12.69	≤30.00	-1.20	11.49	≤36.00	PASS
11N40SISO	Ant1	2422	13.04	≤30.00	-1.20	11.84	≤36.00	PASS
11N40SISO	Ant1	2437	13.04	≤30.00	-1.20	11.84	≤36.00	PASS
11N40SISO	Ant1	2452	13.02	≤30.00	-1.20	11.82	≤36.00	PASS



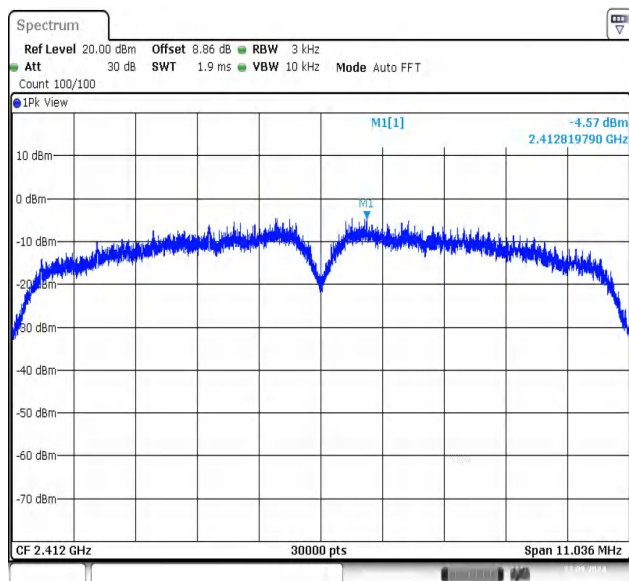
Appendix D: Maximum power spectral density

Test Result

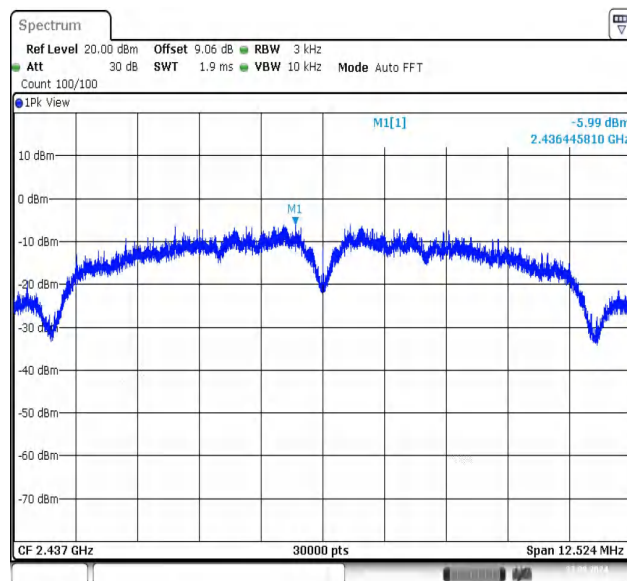
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.57	≤8.00	PASS
11B	Ant1	2437	-5.99	≤8.00	PASS
11B	Ant1	2462	-6.64	≤8.00	PASS
11G	Ant1	2412	-9.94	≤8.00	PASS
11G	Ant1	2437	-8.80	≤8.00	PASS
11G	Ant1	2462	-11.28	≤8.00	PASS
11N20SISO	Ant1	2412	-9.73	≤8.00	PASS
11N20SISO	Ant1	2437	-10.26	≤8.00	PASS
11N20SISO	Ant1	2462	-10.76	≤8.00	PASS
11N40SISO	Ant1	2422	-13.10	≤8.00	PASS
11N40SISO	Ant1	2437	-13.30	≤8.00	PASS
11N40SISO	Ant1	2452	-13.43	≤8.00	PASS



Test Graphs



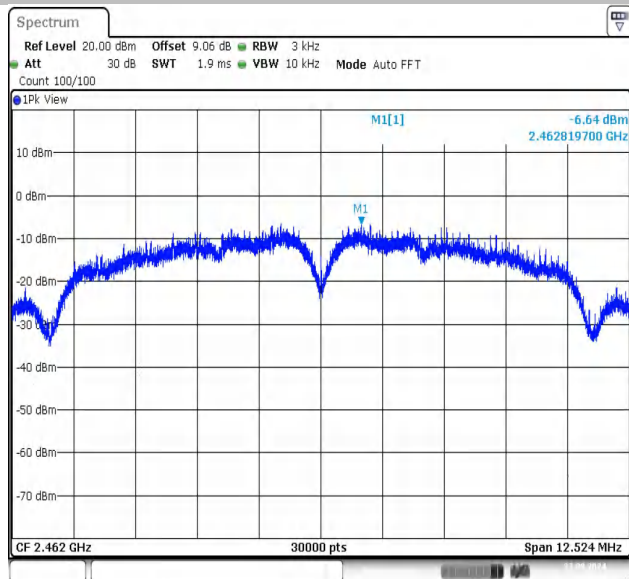
Date: 27.AUG.2024 18:38:19



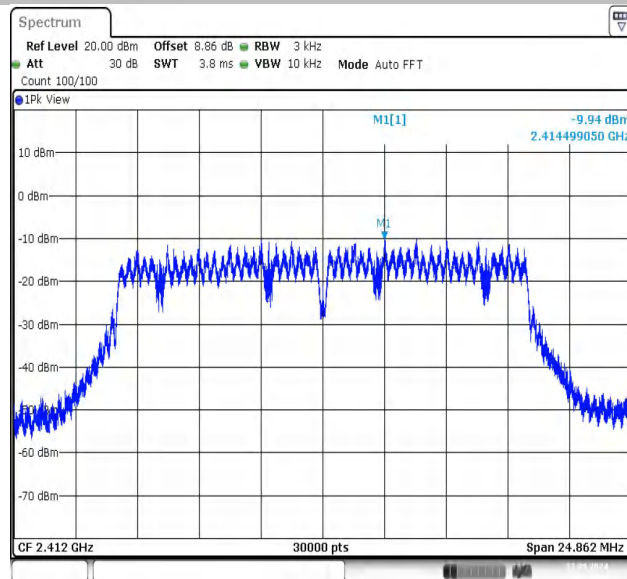
Date: 27.AUG.2024 18:41:15

11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



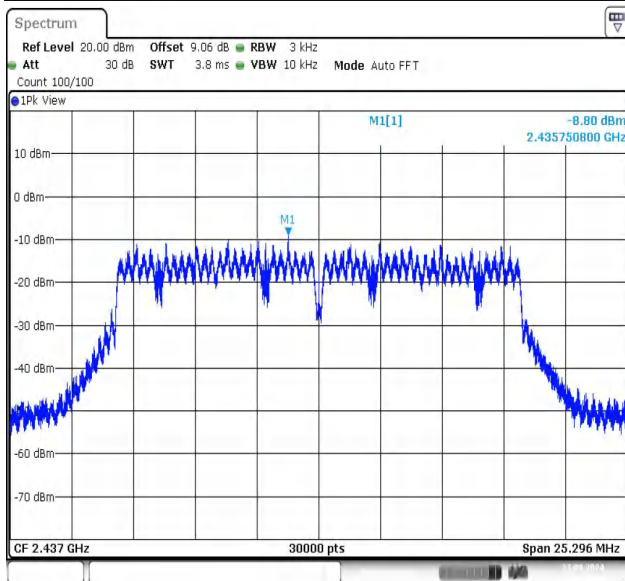
Date: 27.AUG.2024 18:44:08



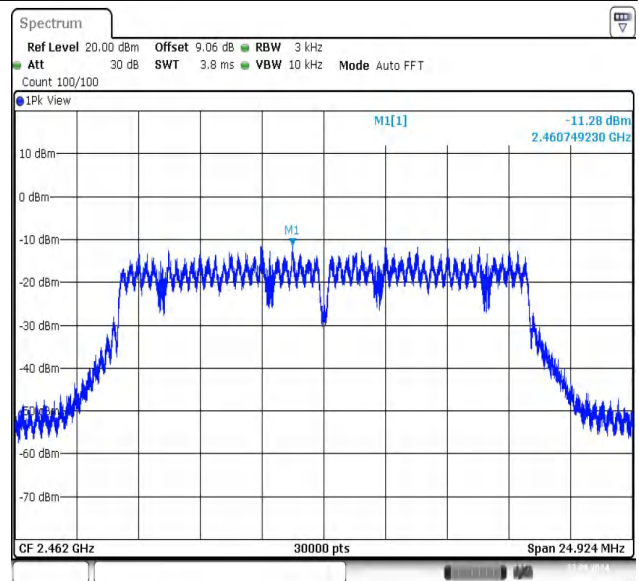
Date: 27.AUG.2024 18:48:22

11B-Ant1-2462-PASS

11G-Ant1-2412-PASS



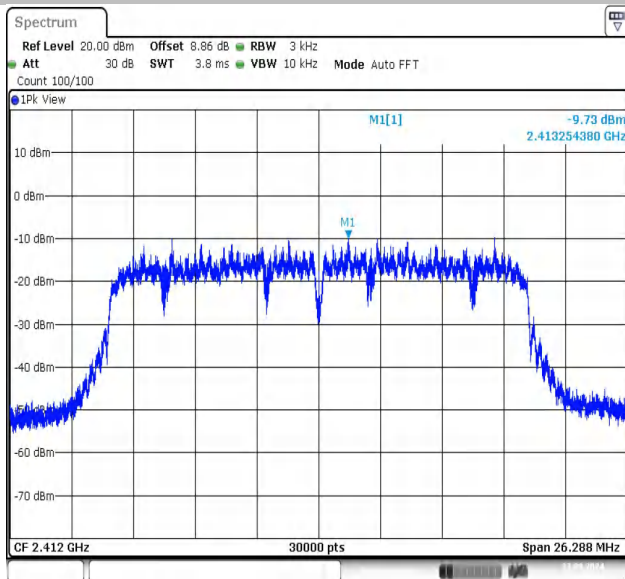
Date: 27.AUG.2024 18:50:59



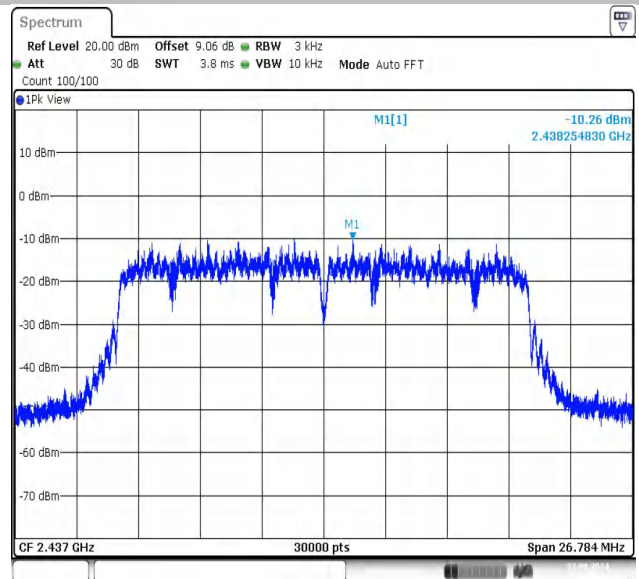
Date: 27.AUG.2024 18:53:24

11G-Ant1-2437-PASS

11G-Ant1-2462-PASS



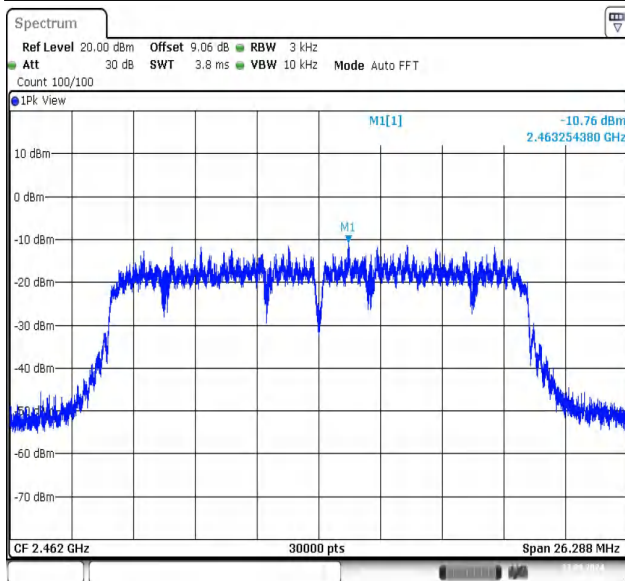
Date: 27.AUG.2024 18:56:24



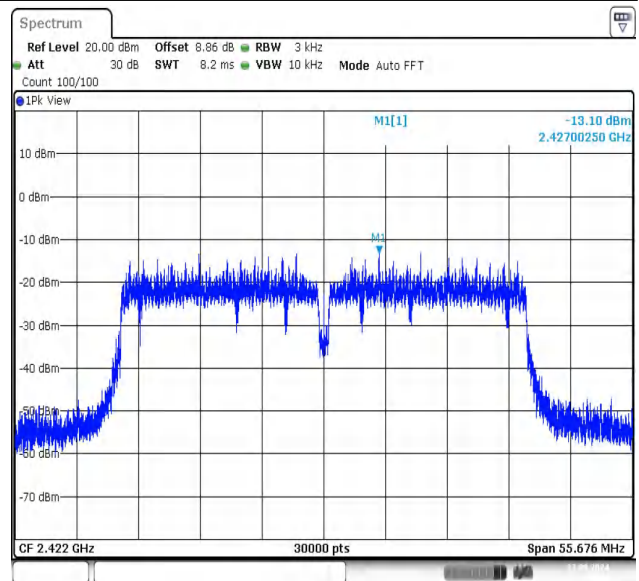
Date: 27.AUG.2024 19:00:42

11N20SISO-Ant1-2412-PASS

11N20SISO-Ant1-2437-PASS



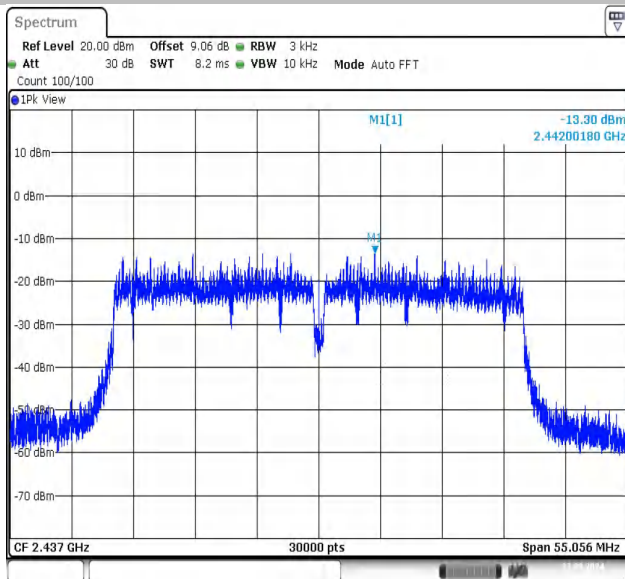
Date: 27.AUG.2024 19:03:28



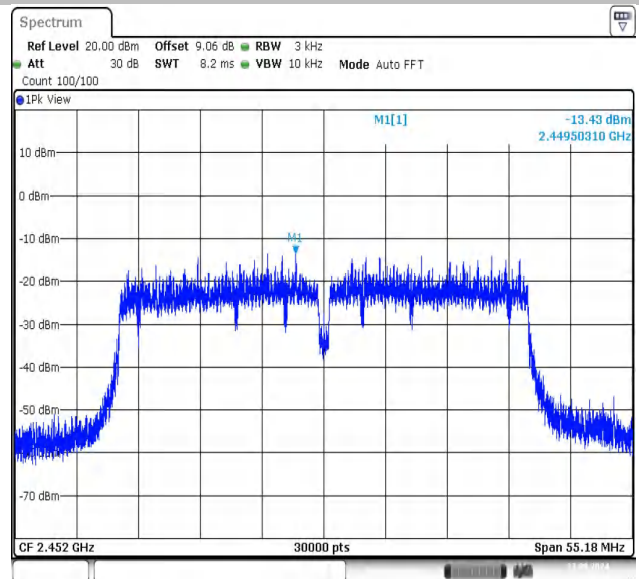
Date: 27.AUG.2024 19:06:24

11N20SISO-Ant1-2462-PASS

11N40SISO-Ant1-2422-PASS



Date: 27.AUG.2024 19:09:02



Date: 27.AUG.2024 19:11:25

11N40SISO-Ant1-2437-PASS

11N40SISO-Ant1-2452-PASS



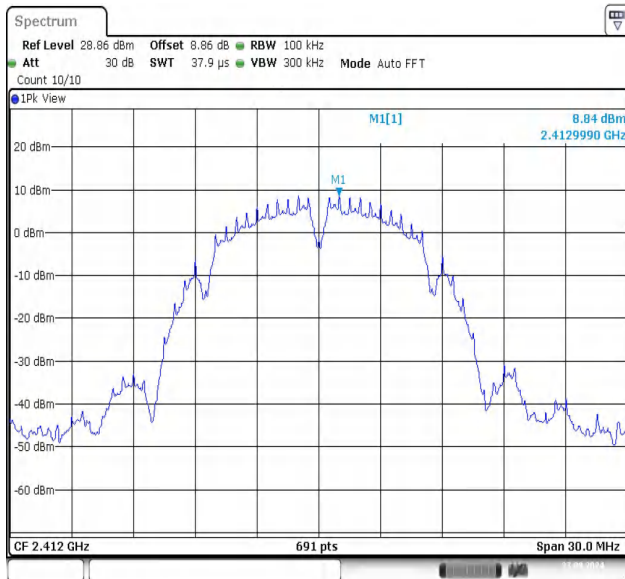
Appendix E: Conducted Spurious Emission

Test Result

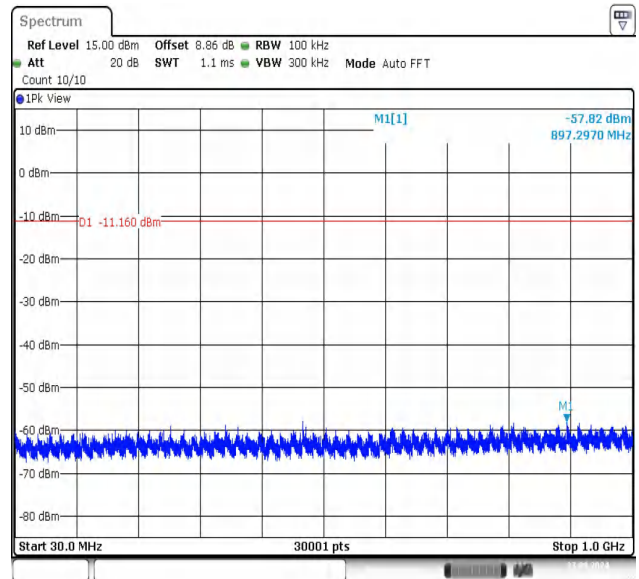
TestMode	Antenna	Frequency[MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	8.84	8.84	---	PASS
11B	Ant1	2412	30~1000	8.84	-57.82	≤-11.16	PASS
11B	Ant1	2412	1000~26500	8.84	-46.82	≤-11.16	PASS
11B	Ant1	2437	0~Reference	7.80	7.80	---	PASS
11B	Ant1	2437	30~1000	7.80	-57.8	≤-12.2	PASS
11B	Ant1	2437	1000~26500	7.80	-47.2	≤-12.2	PASS
11B	Ant1	2462	0~Reference	7.05	7.05	---	PASS
11B	Ant1	2462	30~1000	7.05	-46.93	≤-12.95	PASS
11B	Ant1	2462	1000~26500	7.05	-46.5	≤-12.95	PASS
11G	Ant1	2412	0~Reference	4.46	4.46	---	PASS
11G	Ant1	2412	30~1000	4.46	-52.48	≤-15.54	PASS
11G	Ant1	2412	1000~26500	4.46	-46.96	≤-15.54	PASS
11G	Ant1	2437	0~Reference	3.90	3.90	---	PASS
11G	Ant1	2437	30~1000	3.90	-58.01	≤-16.1	PASS
11G	Ant1	2437	1000~26500	3.90	-47.34	≤-16.1	PASS
11G	Ant1	2462	0~Reference	3.05	3.05	---	PASS
11G	Ant1	2462	30~1000	3.05	-57.6	≤-16.95	PASS
11G	Ant1	2462	1000~26500	3.05	-45.41	≤-16.95	PASS
11N20SISO	Ant1	2412	0~Reference	4.40	4.40	---	PASS
11N20SISO	Ant1	2412	30~1000	4.40	-55.25	≤-15.6	PASS
11N20SISO	Ant1	2412	1000~26500	4.40	-47.52	≤-15.6	PASS
11N20SISO	Ant1	2437	0~Reference	3.85	3.85	---	PASS
11N20SISO	Ant1	2437	30~1000	3.85	-57.07	≤-16.15	PASS
11N20SISO	Ant1	2437	1000~26500	3.85	-46.74	≤-16.15	PASS
11N20SISO	Ant1	2462	0~Reference	3.20	3.20	---	PASS
11N20SISO	Ant1	2462	30~1000	3.20	-57.98	≤-16.8	PASS
11N20SISO	Ant1	2462	1000~26500	3.20	-46.35	≤-16.8	PASS
11N40SISO	Ant1	2422	0~Reference	0.52	0.52	---	PASS
11N40SISO	Ant1	2422	30~1000	0.52	-49.71	≤-19.48	PASS
11N40SISO	Ant1	2422	1000~26500	0.52	-46.7	≤-19.48	PASS
11N40SISO	Ant1	2437	0~Reference	1.00	1.00	---	PASS
11N40SISO	Ant1	2437	30~1000	1.00	-56.2	≤-19	PASS
11N40SISO	Ant1	2437	1000~26500	1.00	-46.21	≤-19	PASS
11N40SISO	Ant1	2452	0~Reference	0.43	0.43	---	PASS
11N40SISO	Ant1	2452	30~1000	0.43	-47.34	≤-19.57	PASS
11N40SISO	Ant1	2452	1000~26500	0.43	-46.23	≤-19.57	PASS



Test Graphs

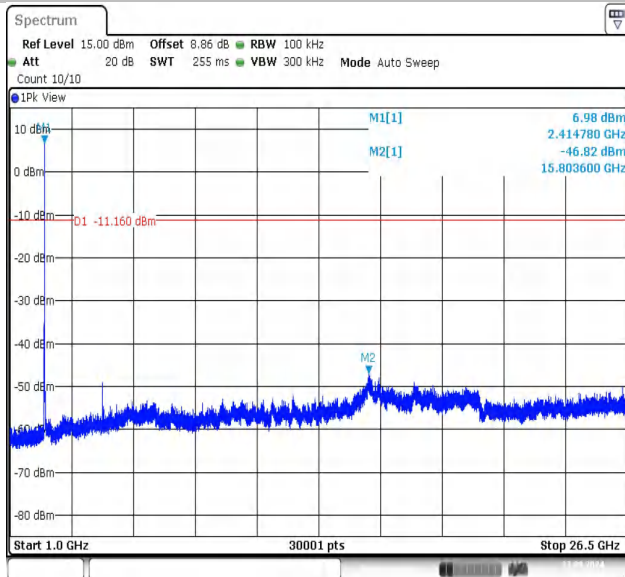


Date: 27.AUG.2024 18:38:39



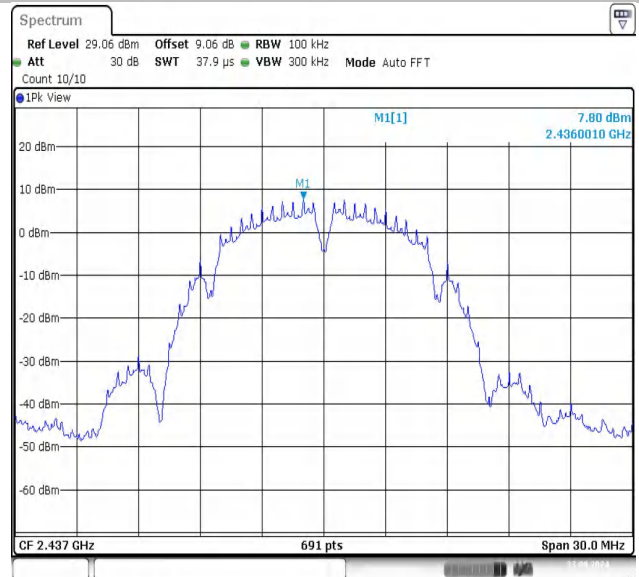
Date: 27.AUG.2024 18:38:50

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



Date: 27.AUG.2024 18:39:27

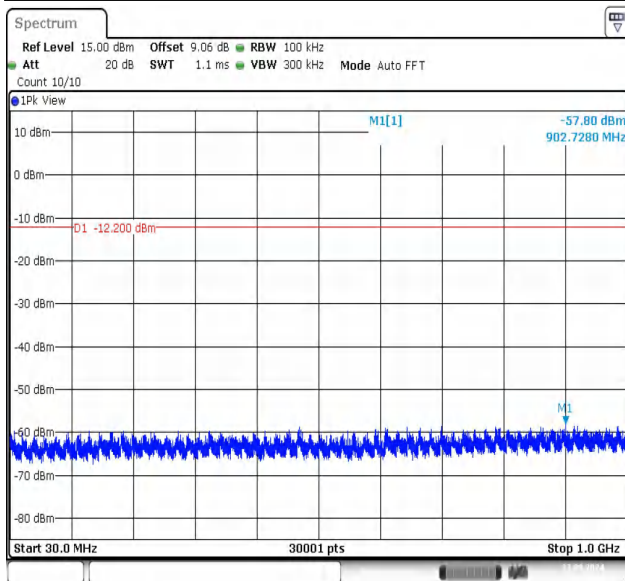
11B-Ant1-2412-30~1000-PASS



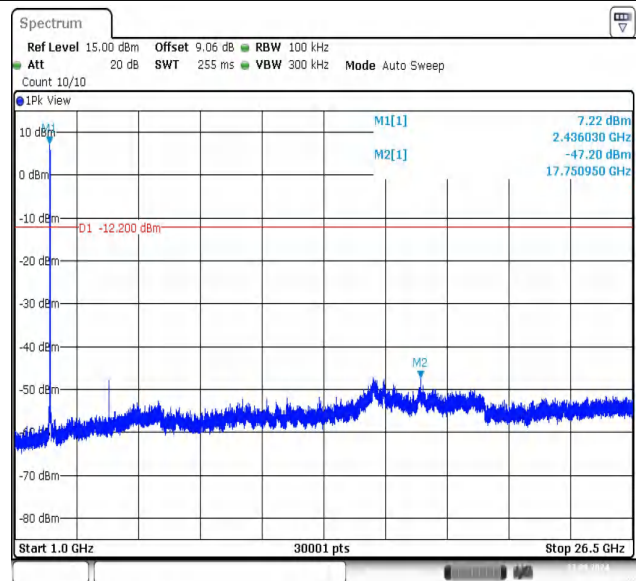
Date: 27.AUG.2024 18:41:24

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

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



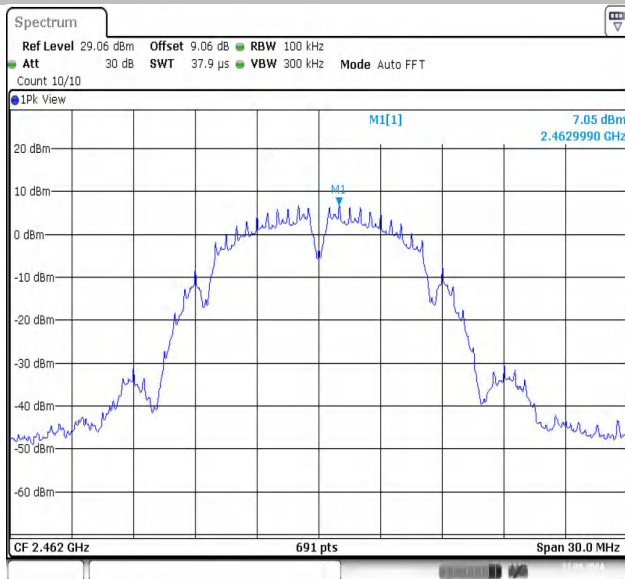
Date: 27.AUG.2024 18:41:36



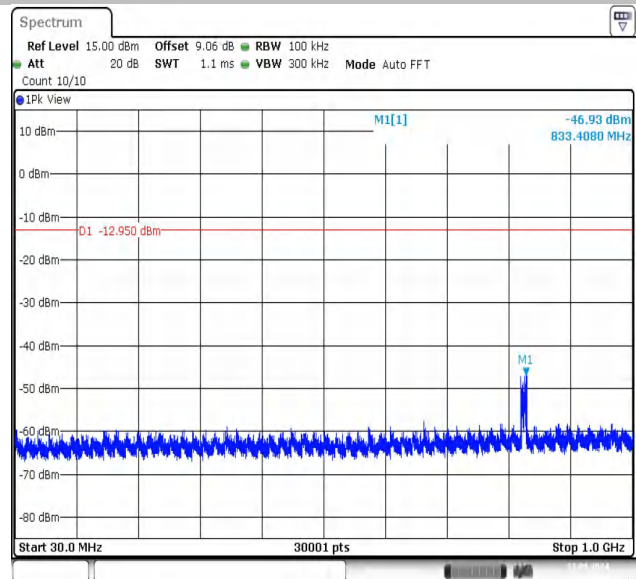
Date: 27.AUG.2024 18:42:13

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

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



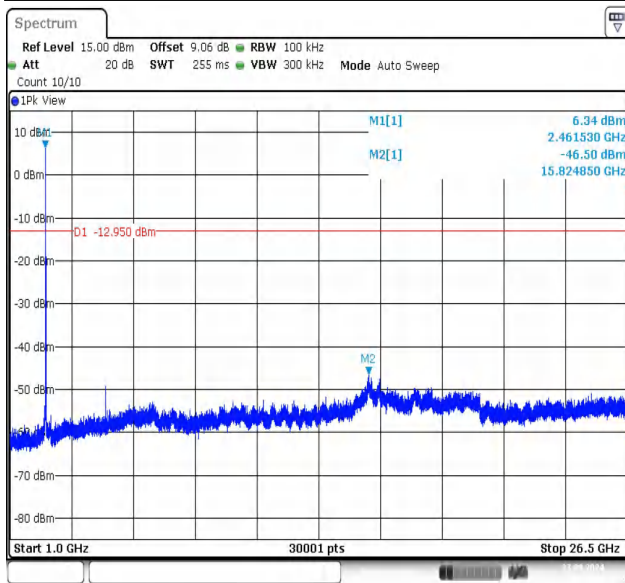
Date: 27.AUG.2024 18:44:28



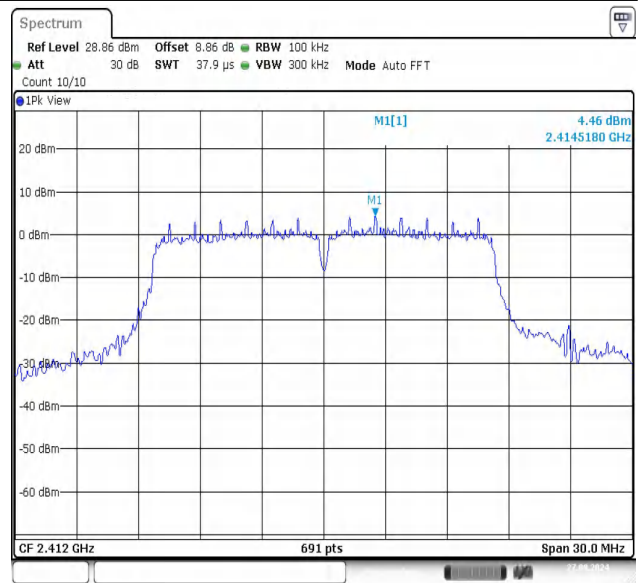
Date: 27.AUG.2024 18:44:39

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

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



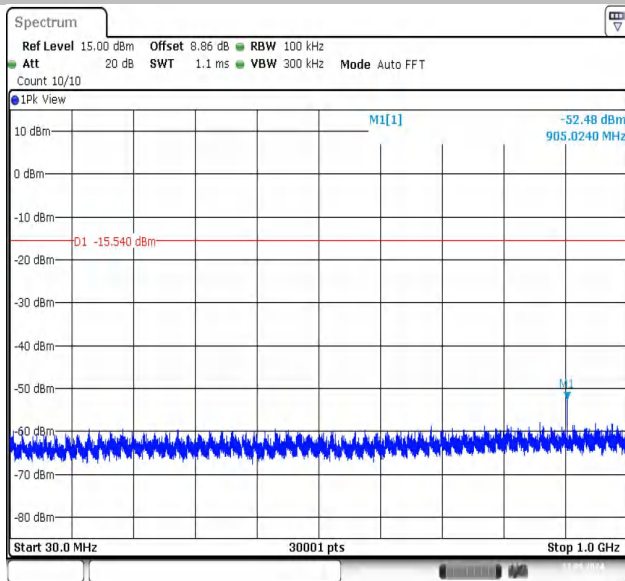
Date: 27.AUG.2024 18:45:16



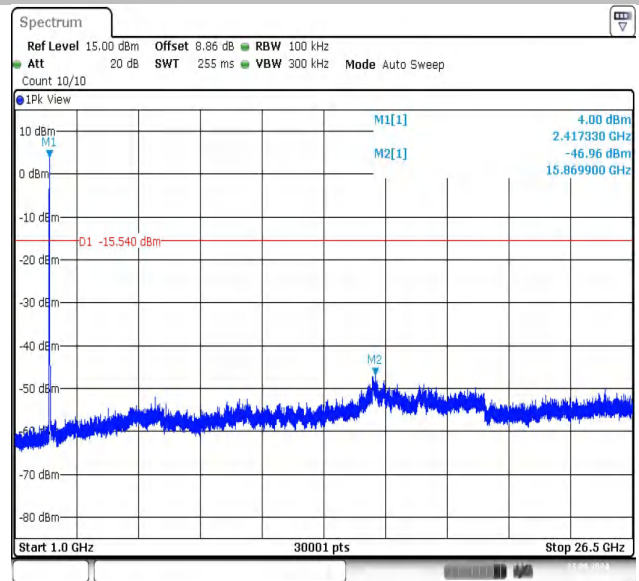
Date: 27.AUG.2024 18:48:41

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

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



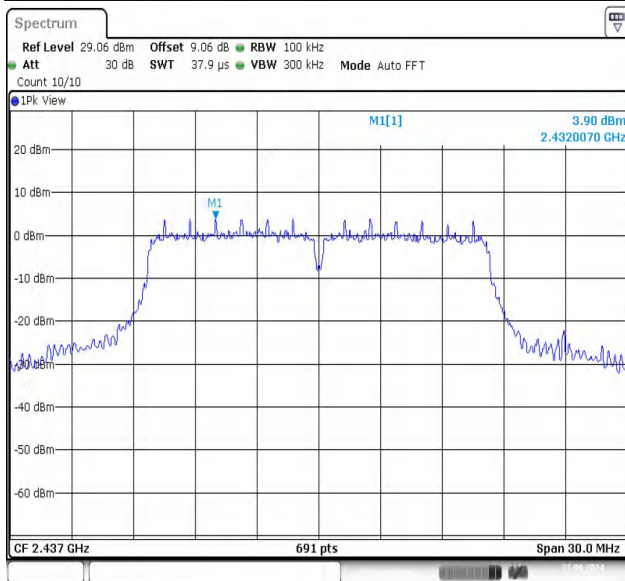
Date: 27.AUG.2024 18:48:53



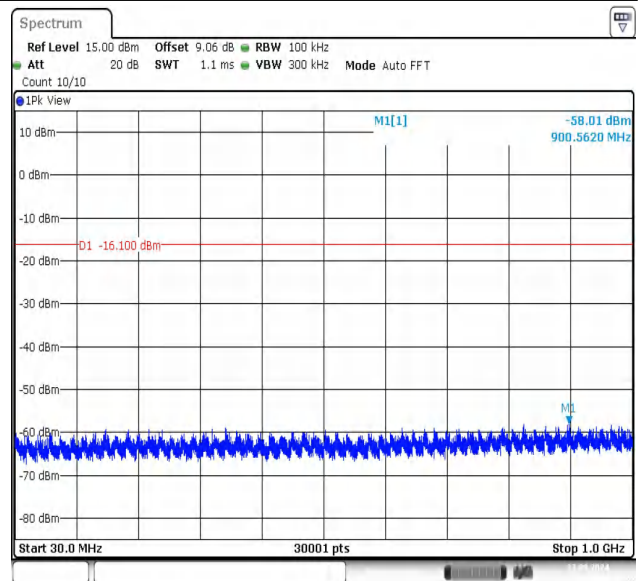
Date: 27.AUG.2024 18:49:30

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

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

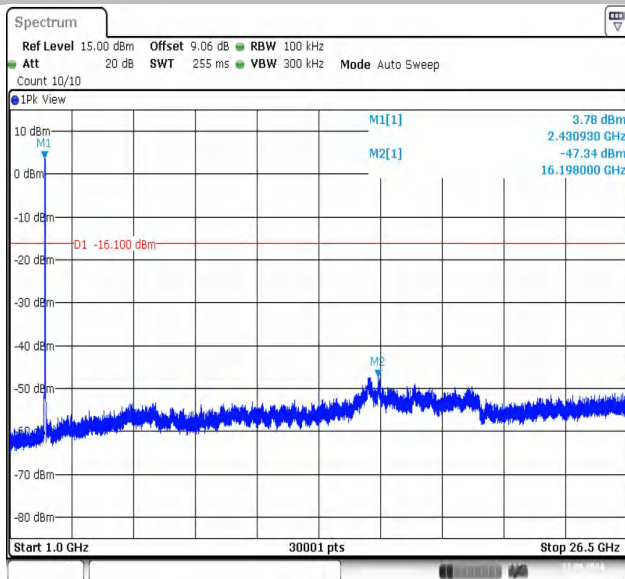


Date: 27.AUG.2024 18:51:09



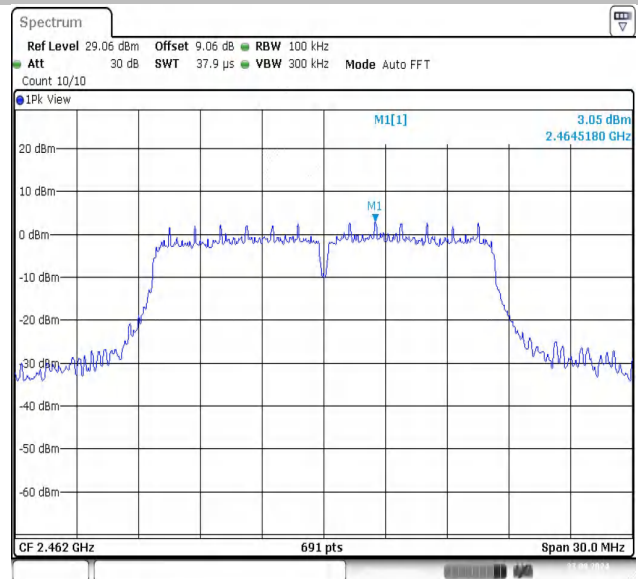
Date: 27.AUG.2024 18:51:20

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



Date: 27.AUG.2024 18:51:57

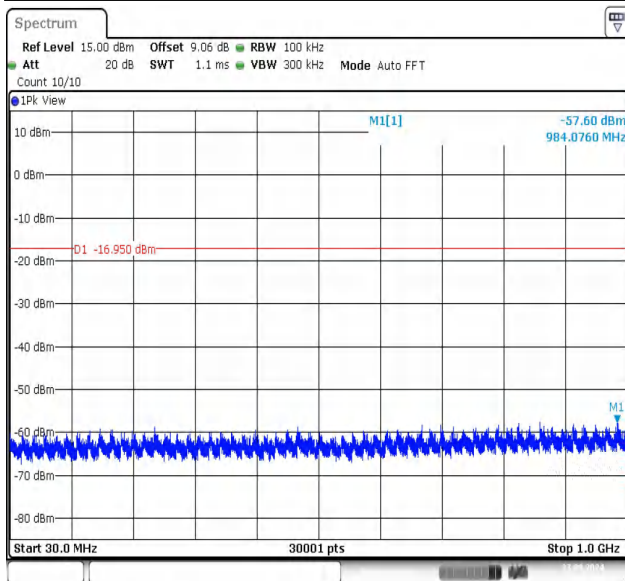
11G-Ant1-2437-30~1000-PASS



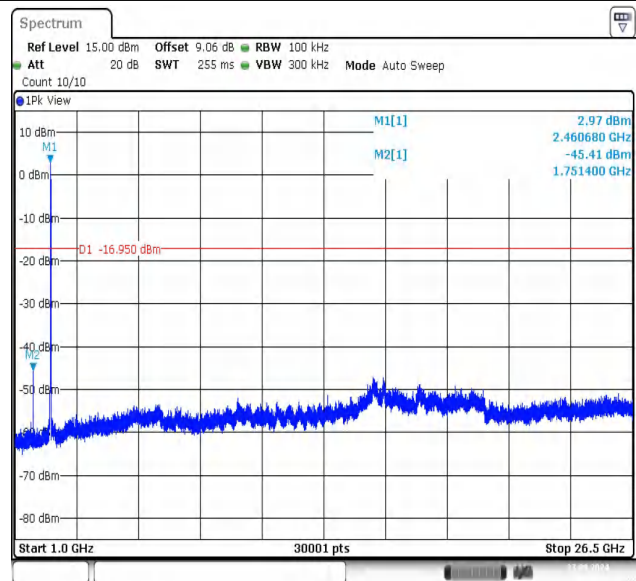
Date: 27.AUG.2024 18:53:43

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

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

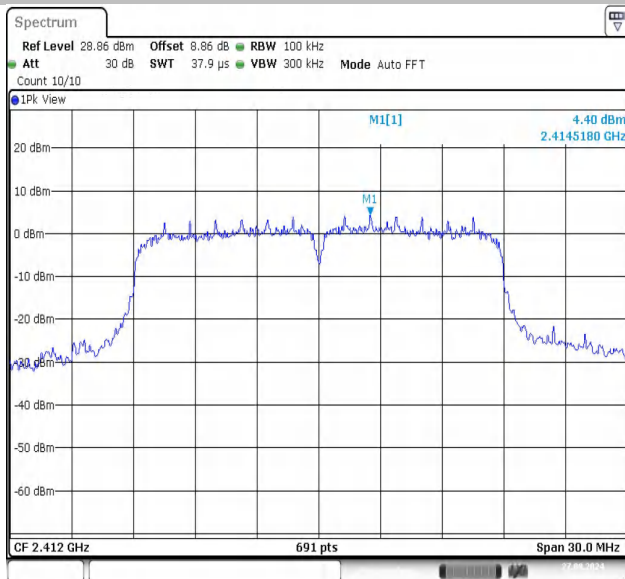


Date: 27.AUG.2024 18:53:55



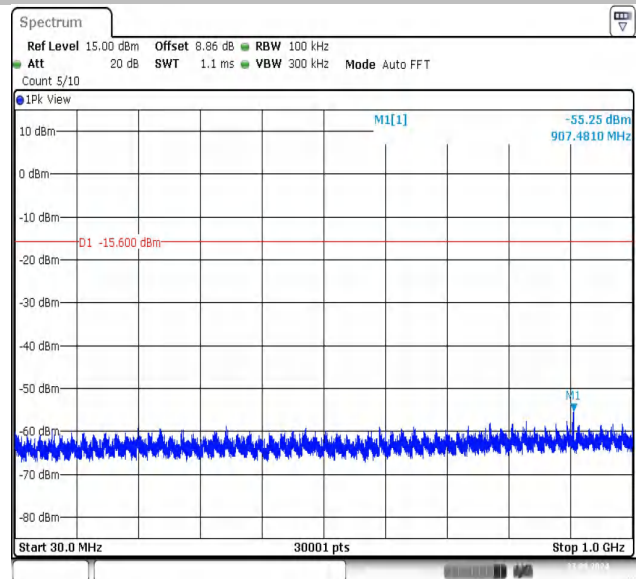
Date: 27.AUG.2024 18:54:32

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



Date: 27.AUG.2024 18:56:43

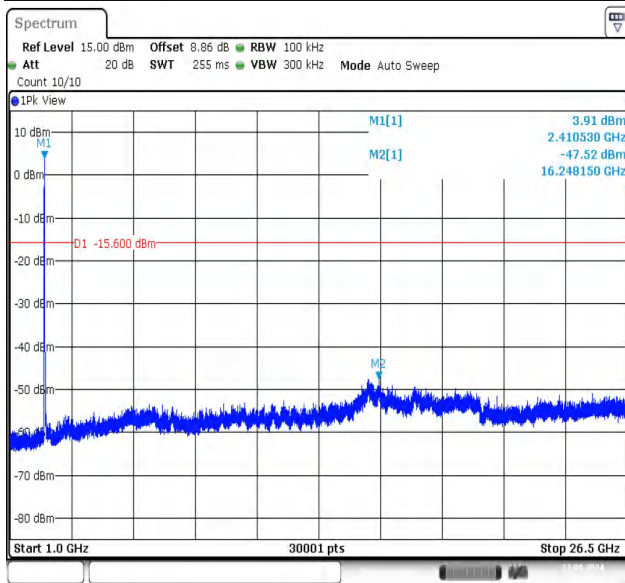
11G-Ant1-2462-1000~26500-PASS



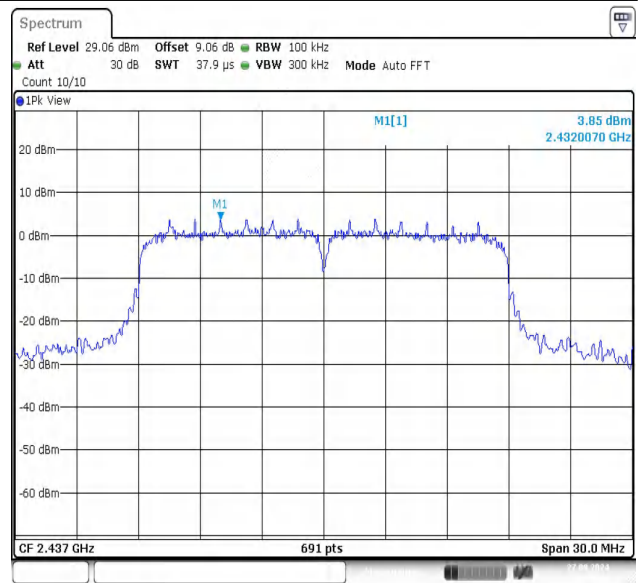
Date: 27.AUG.2024 18:56:55

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

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



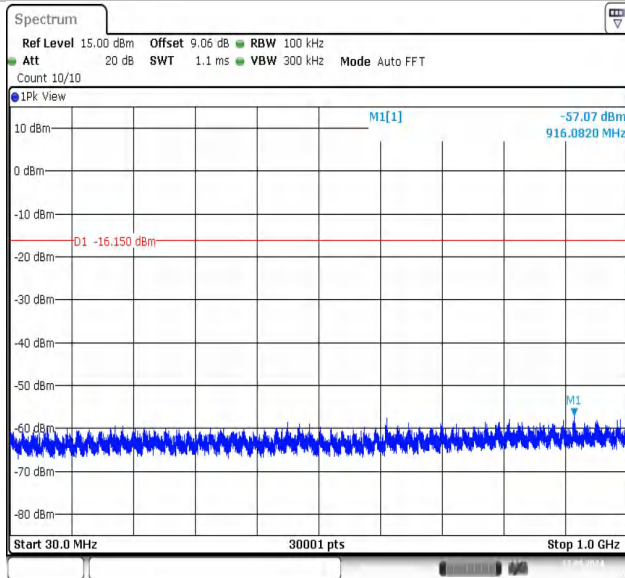
Date: 27.AUG.2024 18:57:32



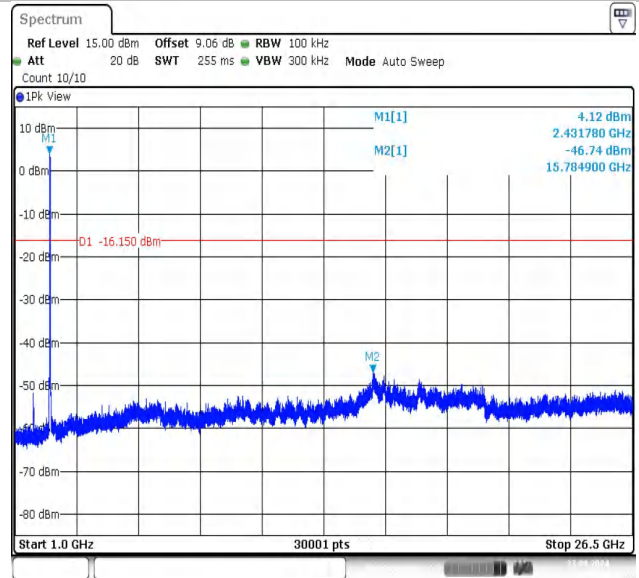
Date: 27.AUG.2024 19:00:51

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

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



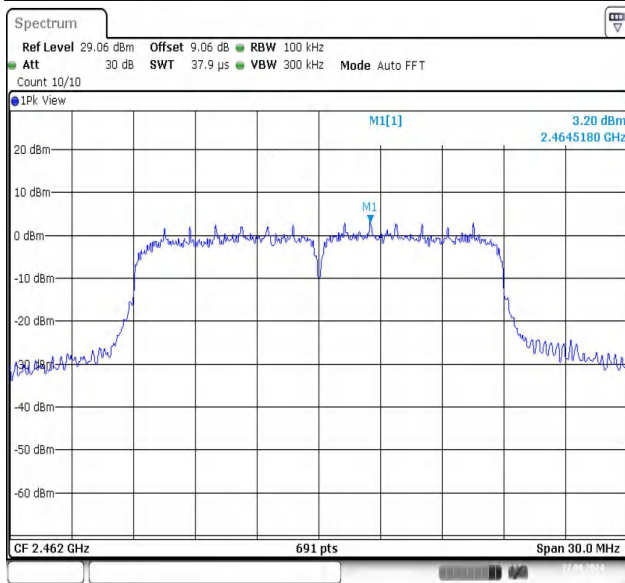
Date: 27.AUG.2024 19:01:03



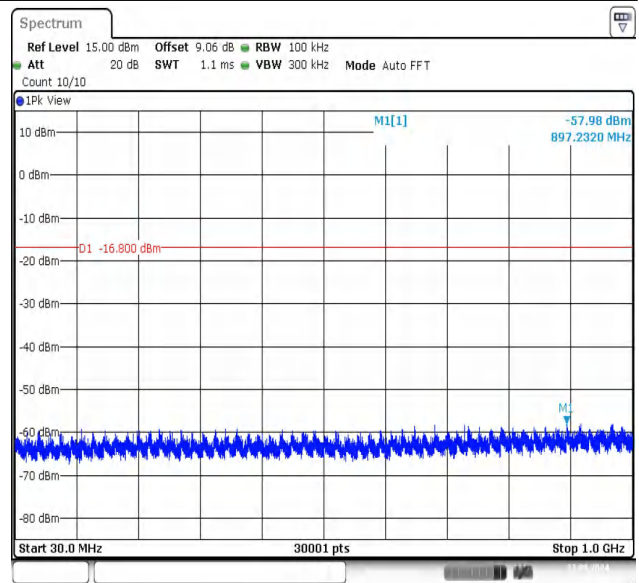
Date: 27.AUG.2024 19:01:40

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

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

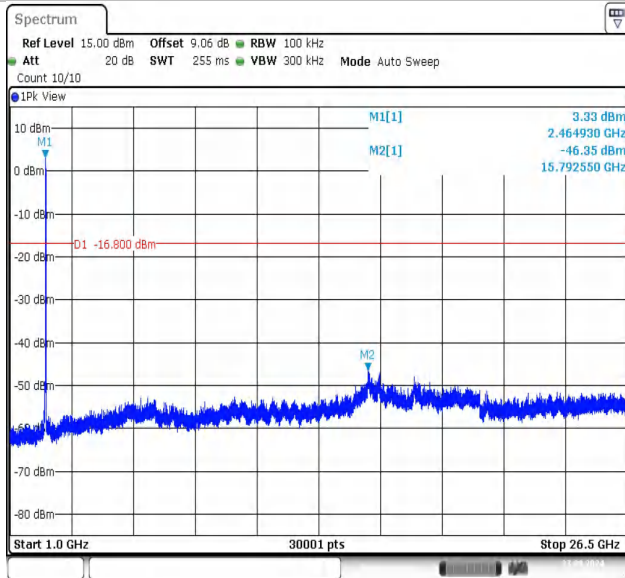


Date: 27.AUG.2024 19:03:47



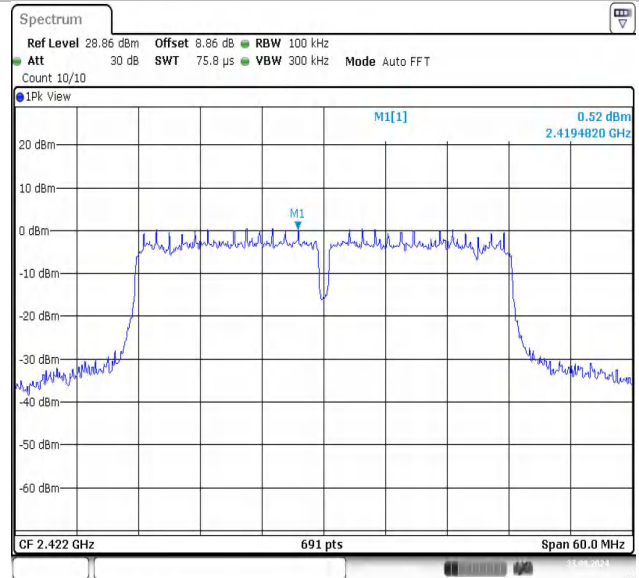
Date: 27.AUG.2024 19:03:59

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



Date: 27.AUG.2024 19:04:36

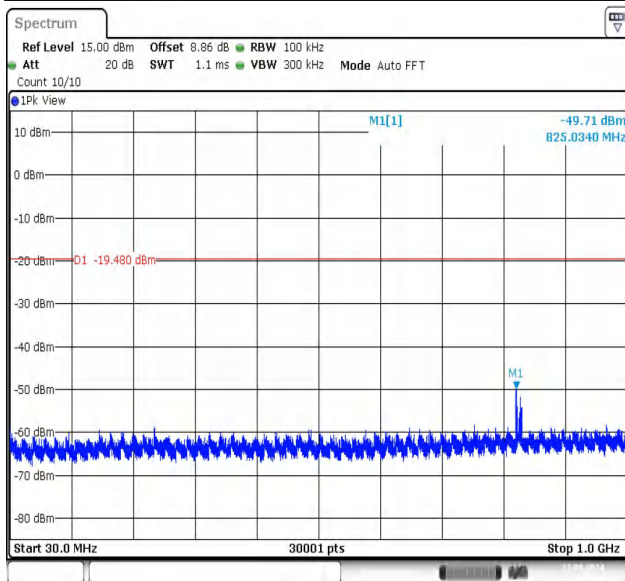
11N20SISO-Ant1-2462-30~1000-PASS



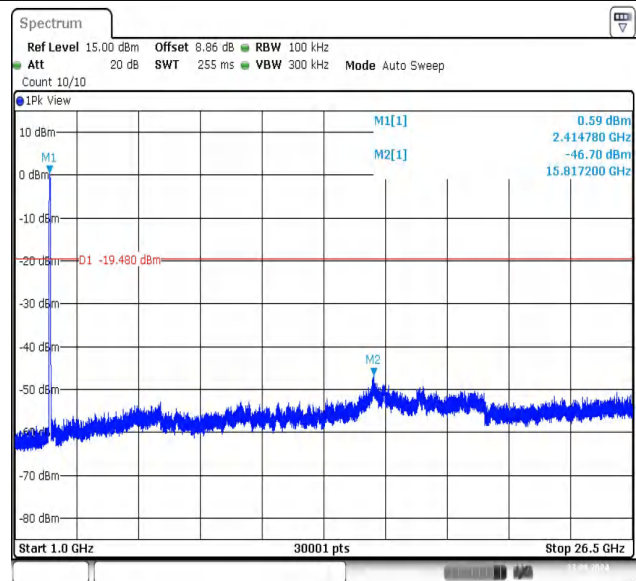
Date: 27.AUG.2024 19:06:44

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

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

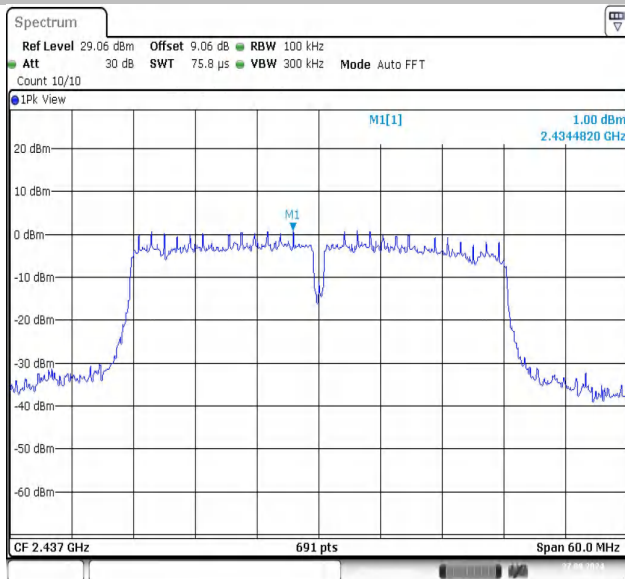


Date: 27.AUG.2024 19:06:55



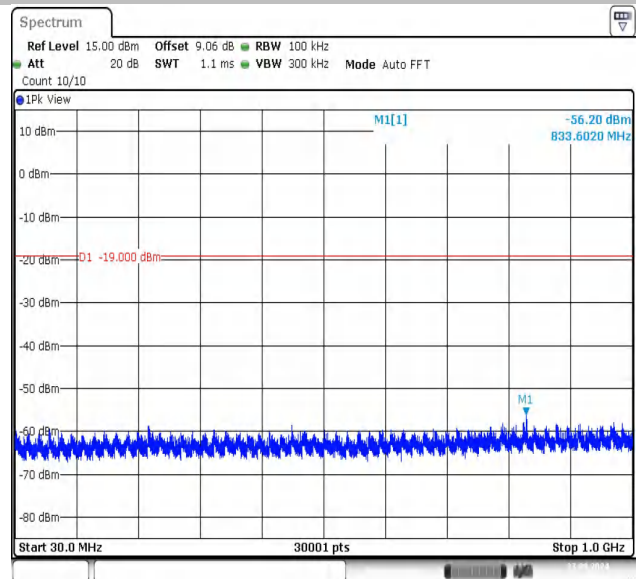
Date: 27.AUG.2024 19:07:32

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



Date: 27.AUG.2024 19:09:11

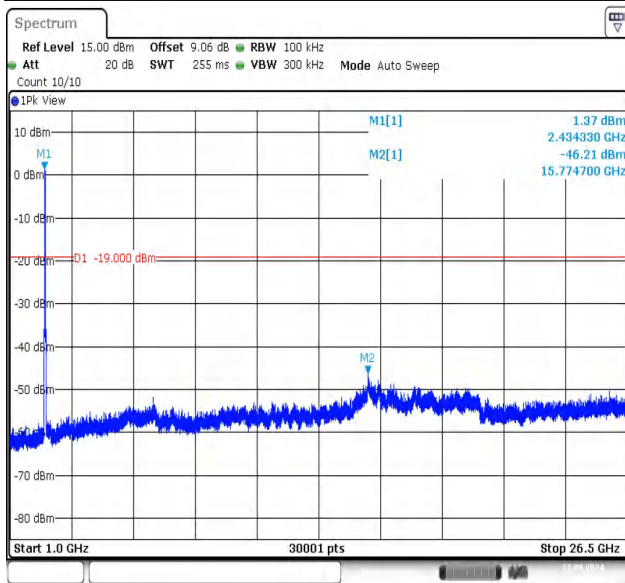
11N40SISO-Ant1-2422-1000~26500-PASS



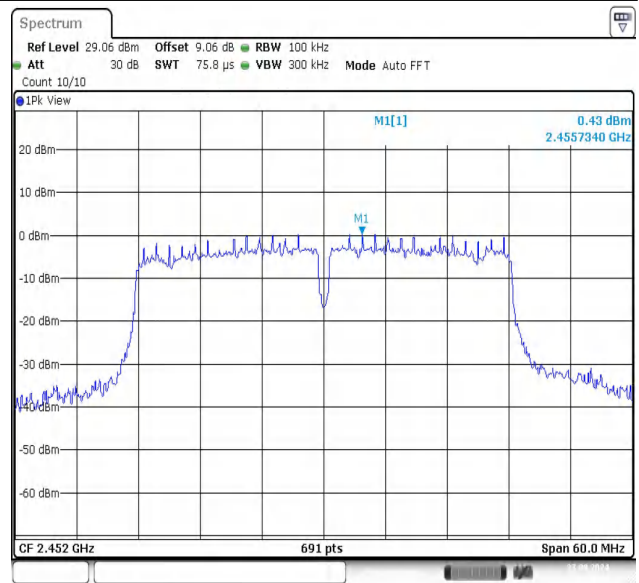
Date: 27.AUG.2024 19:09:23

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

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



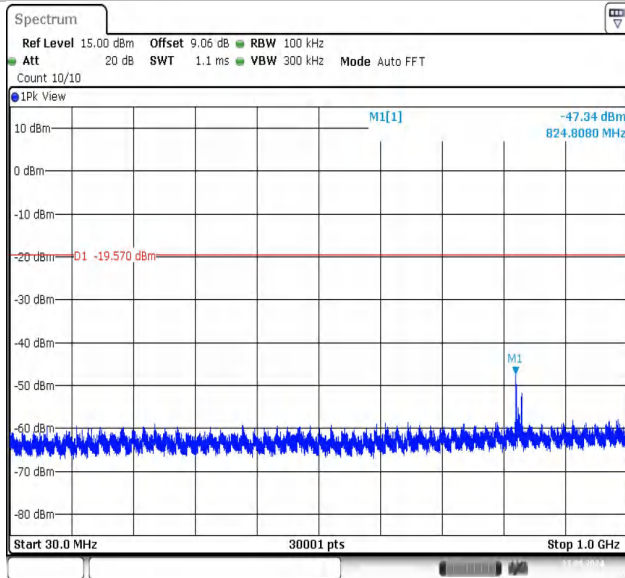
Date: 27.AUG.2024 19:10:00



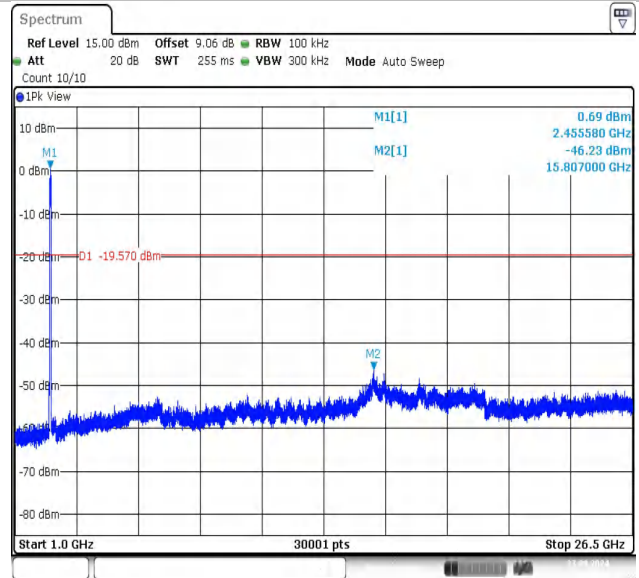
Date: 27.AUG.2024 19:11:44

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

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



Date: 27.AUG.2024 19:11:56



Date: 27.AUG.2024 19:12:33

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

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



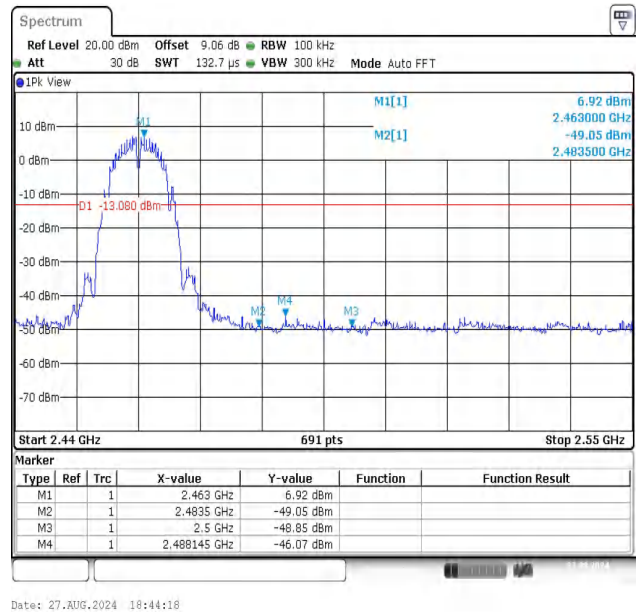
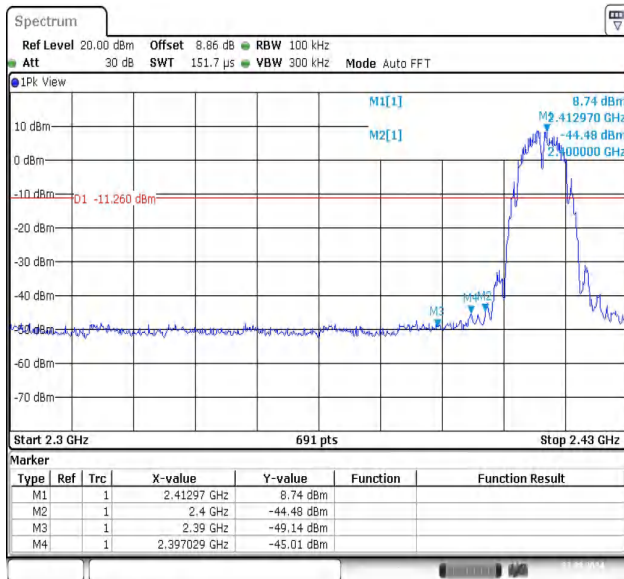
Appendix F: Band edge measurements

Test Result

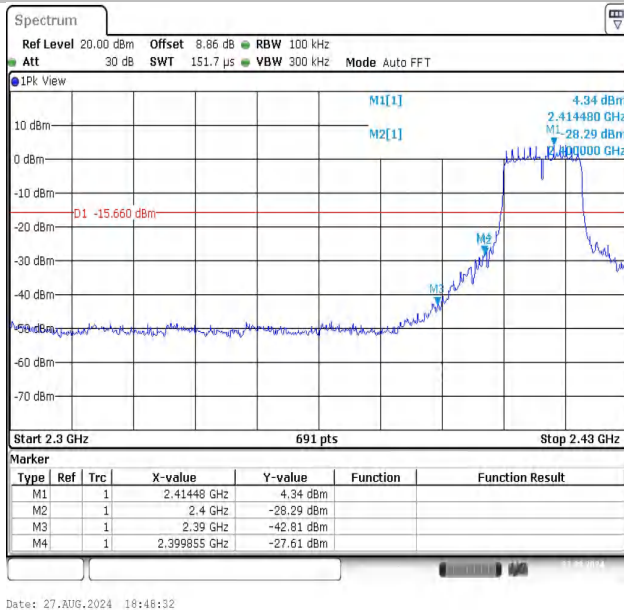
TestMode	Antenna	ChName	Frequency[MHz]	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.74	-45.01	≤ -11.26	PASS
11B	Ant1	High	2462	6.92	-46.07	≤ -13.08	PASS
11G	Ant1	Low	2412	4.34	-27.61	≤ -15.66	PASS
11G	Ant1	High	2462	2.97	-41.41	≤ -17.03	PASS
11N20SISO	Ant1	Low	2412	4.30	-25.94	≤ -15.7	PASS
11N20SISO	Ant1	High	2462	3.11	-40.67	≤ -16.89	PASS
11N40SISO	Ant1	Low	2422	0.61	-30.16	≤ -19.39	PASS
11N40SISO	Ant1	High	2452	0.38	-35.9	≤ -19.62	PASS



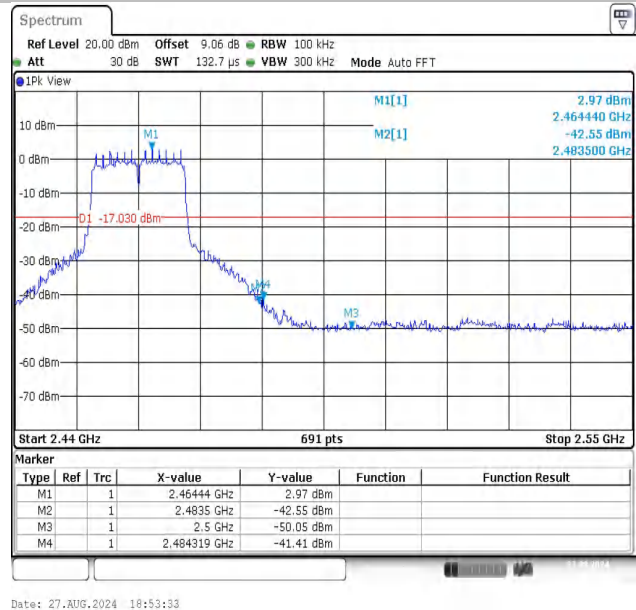
Test Graphs



11B-Ant1-2412-PASS

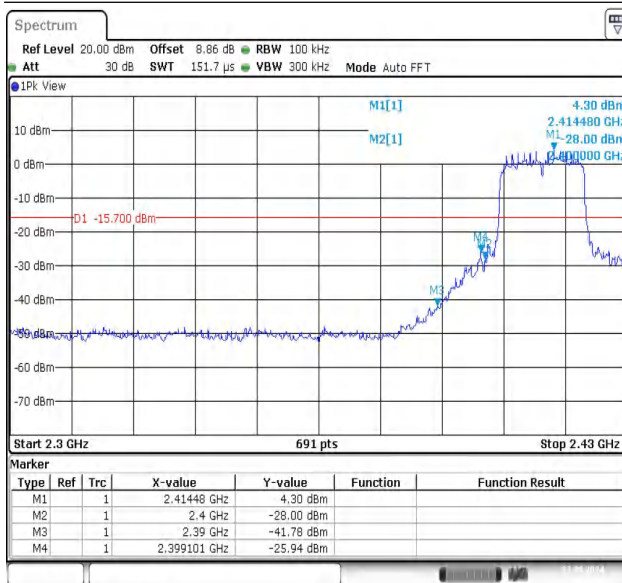


11B-Ant1-2462-PASS

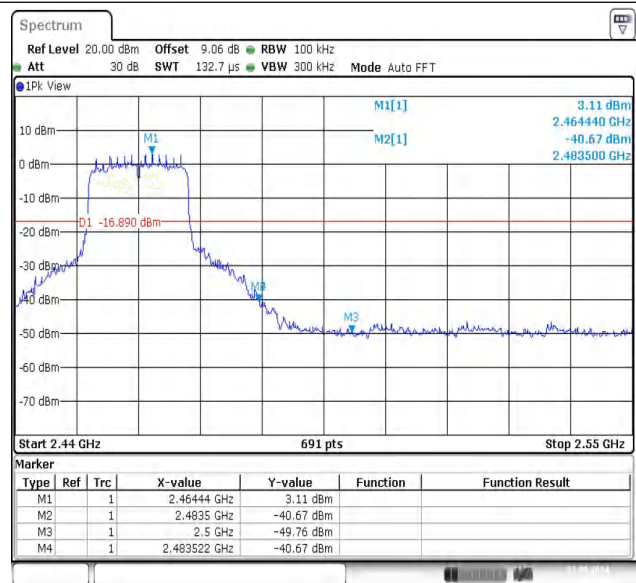


11G-Ant1-2412-PASS

11G-Ant1-2462-PASS

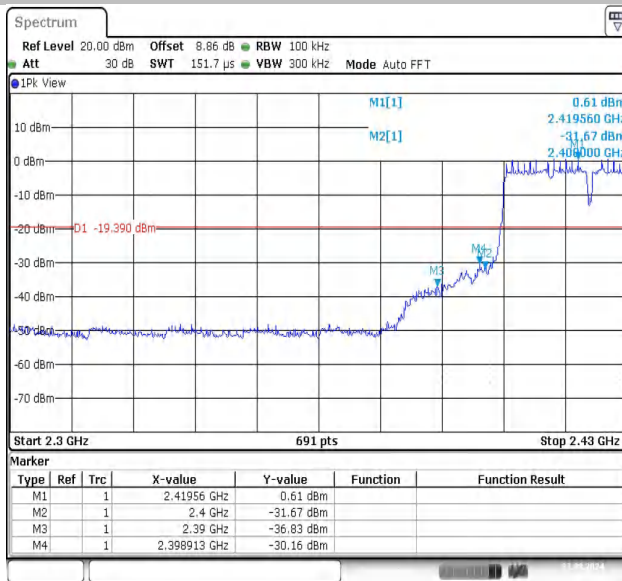


Date: 27.AUG.2024 18:56:33



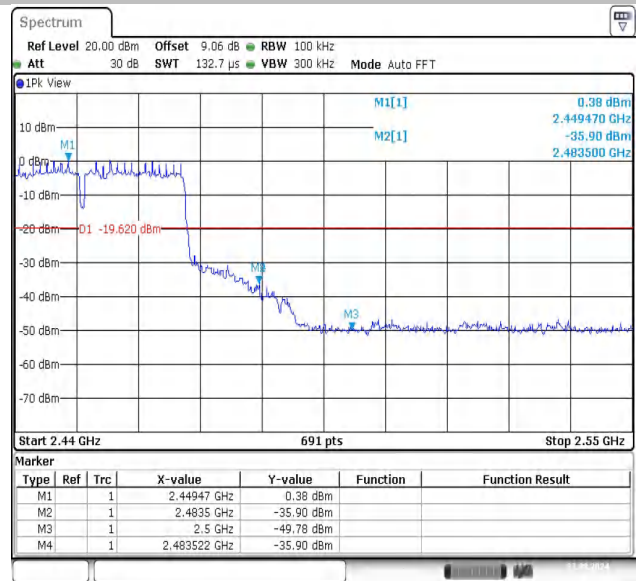
Date: 27.AUG.2024 19:03:37

11N20SISO-Ant1-2412-PASS



Date: 27.AUG.2024 19:06:34

11N20SISO-Ant1-2462-PASS



Date: 27.AUG.2024 19:11:34

11N40SISO-Ant1-2422-PASS

11N40SISO-Ant1-2452-PASS



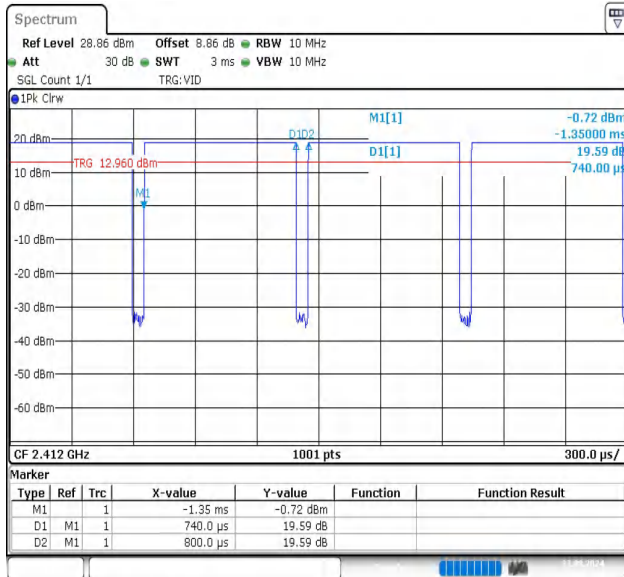
Appendix G: Duty Cycle

Test Result

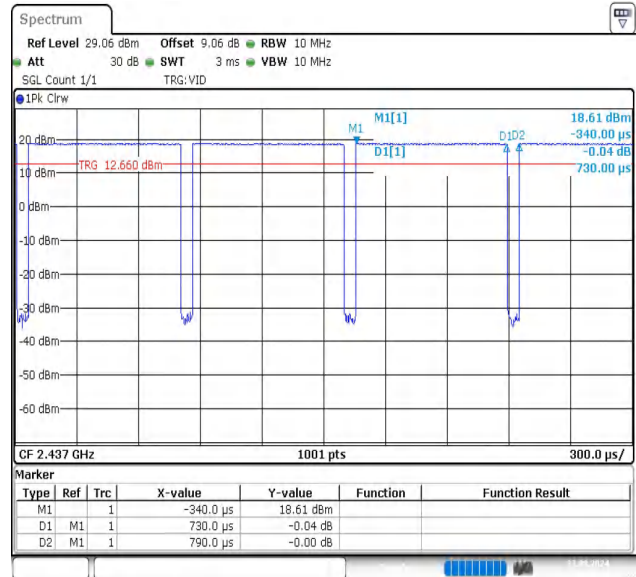
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	0.74	0.80	92.50
11B	Ant1	2437	0.73	0.79	92.41
11B	Ant1	2462	0.74	0.80	92.50
11G	Ant1	2412	0.12	0.18	66.67
11G	Ant1	2437	0.12	0.18	66.67
11G	Ant1	2462	0.12	0.18	66.67
11N20SISO	Ant1	2412	0.12	0.18	66.67
11N20SISO	Ant1	2437	0.11	0.18	61.11
11N20SISO	Ant1	2462	0.11	0.18	61.11
11N40SISO	Ant1	2422	0.08	0.14	57.14
11N40SISO	Ant1	2437	0.08	0.14	57.14
11N40SISO	Ant1	2452	0.07	0.14	50.00



Test Graphs



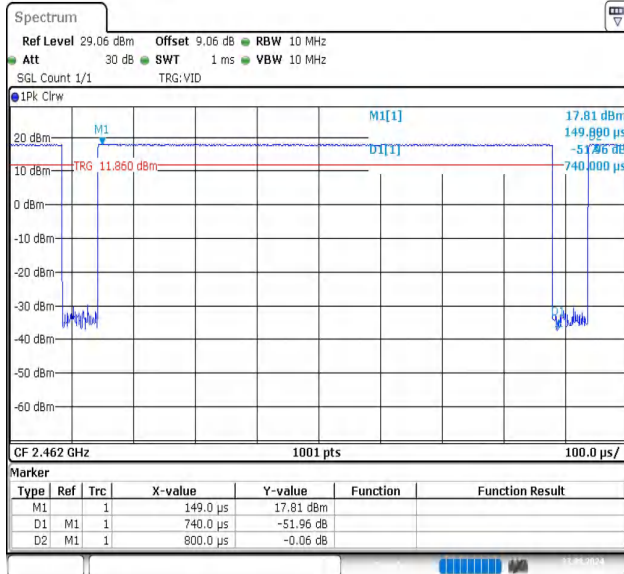
Date: 27.AUG.2024 18:33:39



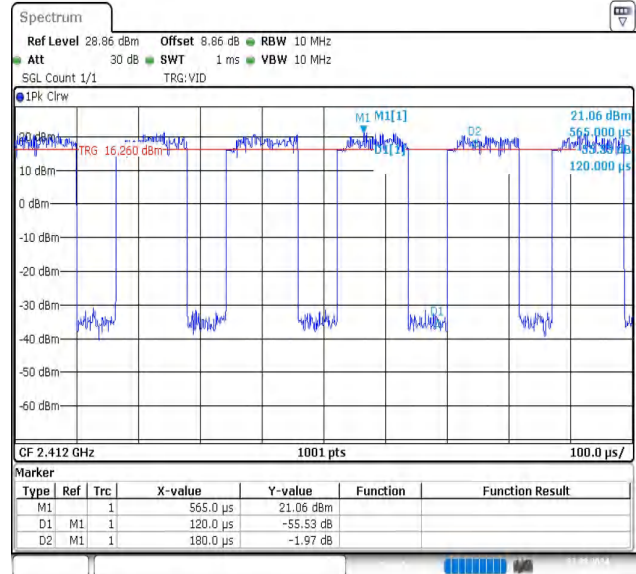
Date: 27.AUG.2024 18:40:15

NTNV-11B-Ant1-2412

NTNV-11B-Ant1-2437



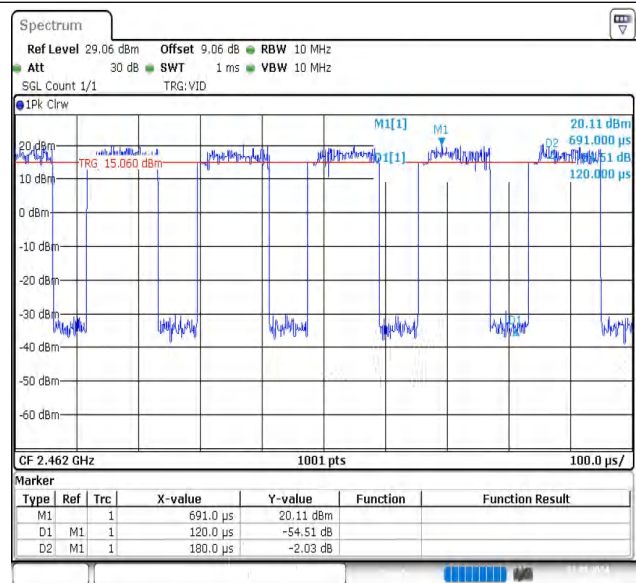
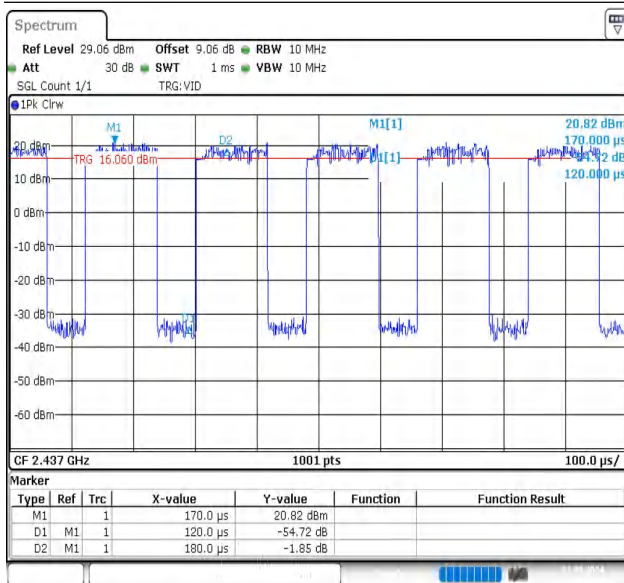
Date: 27.AUG.2024 18:43:03



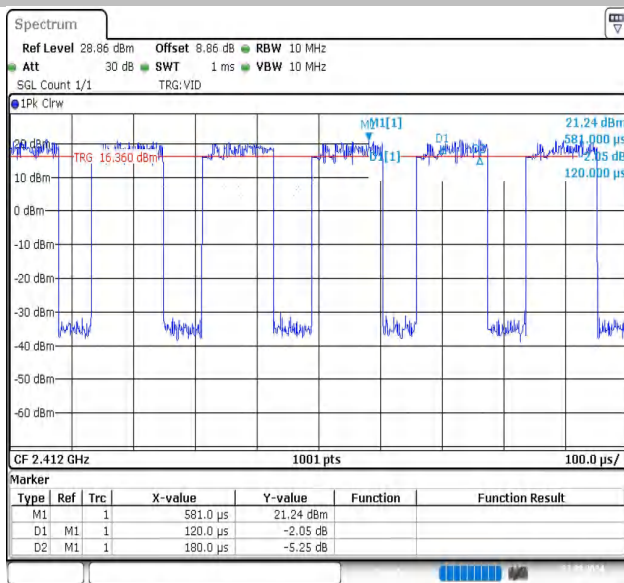
Date: 27.AUG.2024 18:46:17

NTNV-11B-Ant1-2462

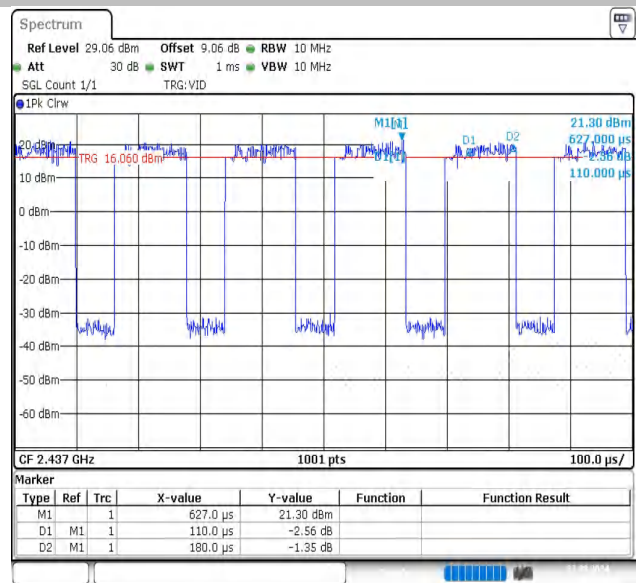
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

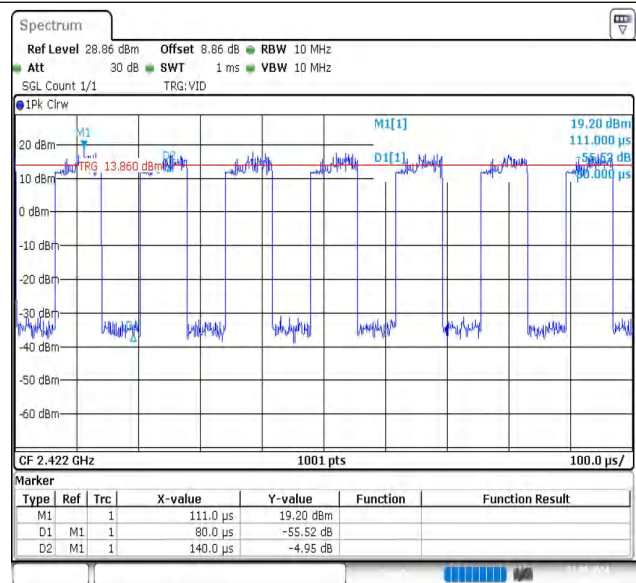
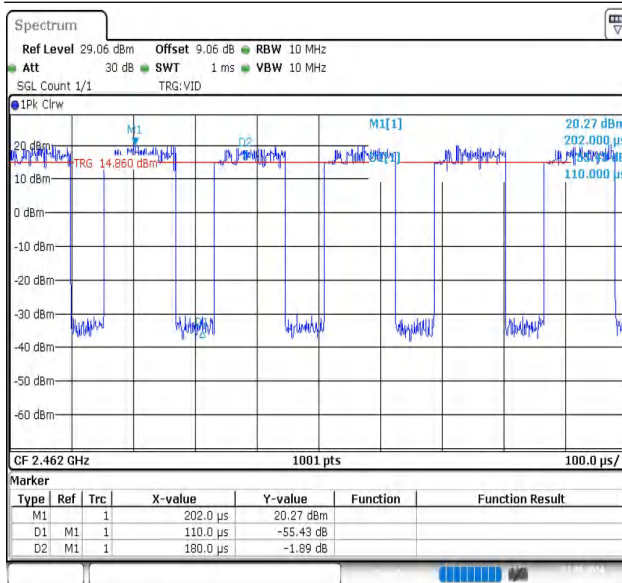


NTNV-11G-Ant1-2462

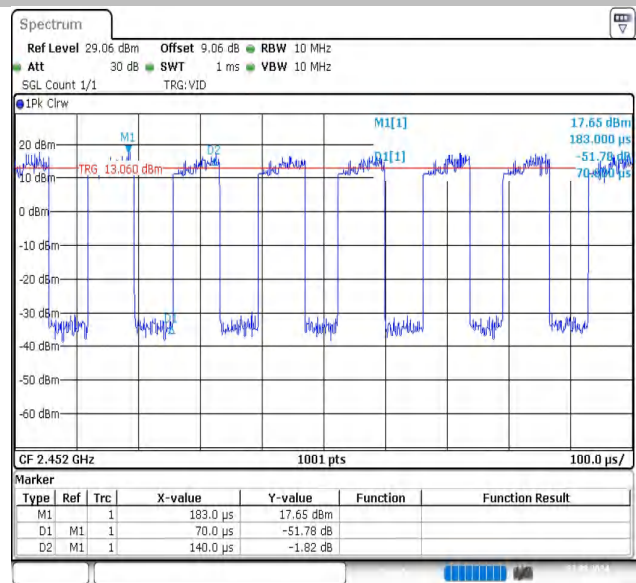
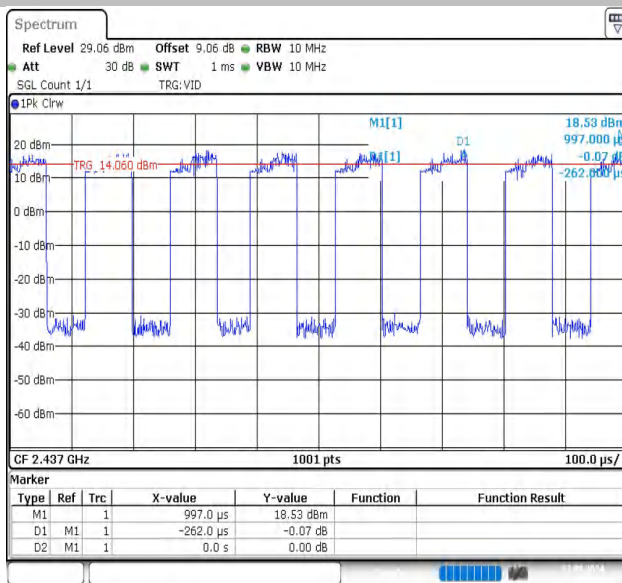


NTNV-11N20SISO-Ant1-2412

NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2437

NTNV-11N40SISO-Ant1-2452

-----END-----