

Appendix: 2.4G Wi-Fi

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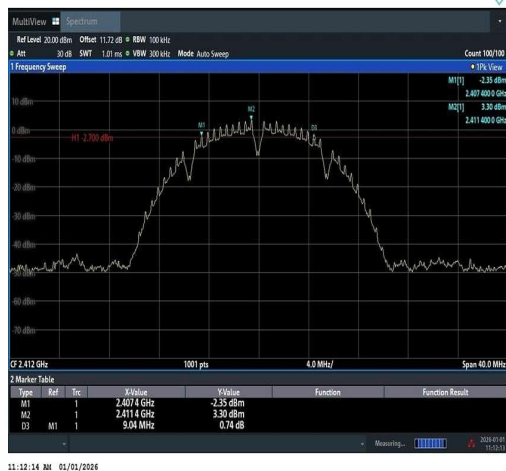
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Appendix A: DTS Bandwidth

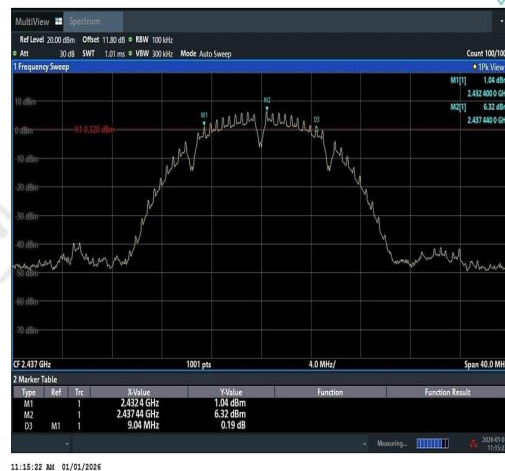
Test Result

TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.04	2407.40	2416.44	0.5	PASS
11B	Ant1	2437	9.04	2432.40	2441.44	0.5	PASS
11B	Ant1	2462	8.56	2457.40	2465.96	0.5	PASS
11G	Ant1	2412	16.32	2403.76	2420.08	0.5	PASS
11G	Ant1	2437	16.04	2428.76	2444.80	0.5	PASS
11G	Ant1	2462	16.28	2453.76	2470.04	0.5	PASS
11N20SISO	Ant1	2412	17.52	2403.16	2420.68	0.5	PASS
11N20SISO	Ant1	2437	17.08	2428.36	2445.44	0.5	PASS
11N20SISO	Ant1	2462	17.32	2453.12	2470.44	0.5	PASS
11N40SISO	Ant1	2422	35.36	2404.48	2439.84	0.5	PASS
11N40SISO	Ant1	2437	35.44	2419.08	2454.52	0.5	PASS
11N40SISO	Ant1	2452	35.68	2433.84	2469.52	0.5	PASS
11AX20SISO	Ant1	2412	18.68	2402.52	2421.20	0.5	PASS
11AX20SISO	Ant1	2437	18.52	2427.60	2446.12	0.5	PASS
11AX20SISO	Ant1	2462	18.64	2452.44	2471.08	0.5	PASS
11AX40SISO	Ant1	2422	36.24	2403.28	2439.52	0.5	PASS
11AX40SISO	Ant1	2437	37.44	2418.12	2455.56	0.5	PASS
11AX40SISO	Ant1	2452	37.44	2433.20	2470.64	0.5	PASS

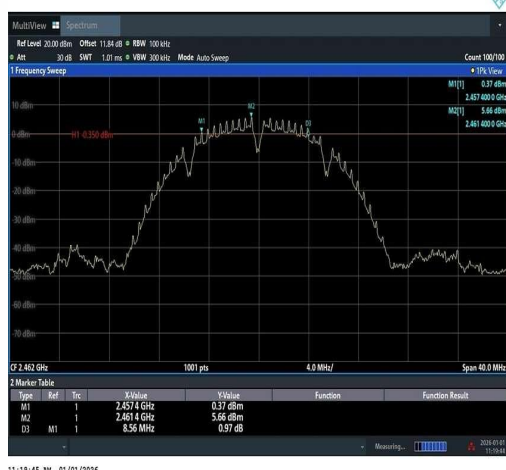
Test Graphs



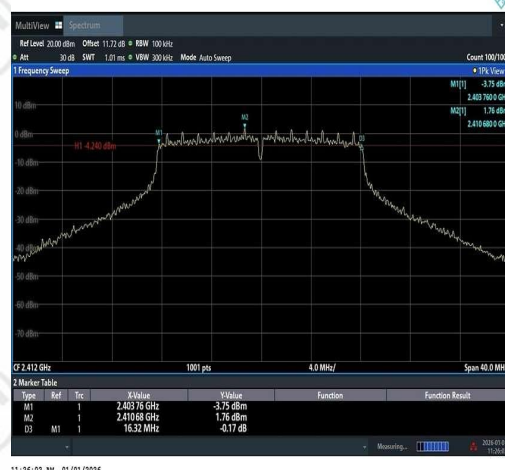
11B-Ant1-2412-PASS



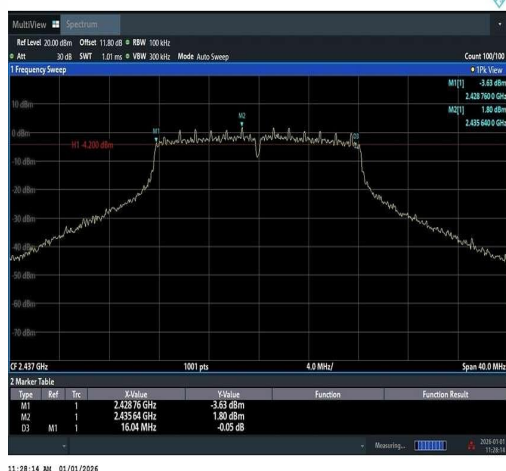
11B-Ant1-2437-PASS



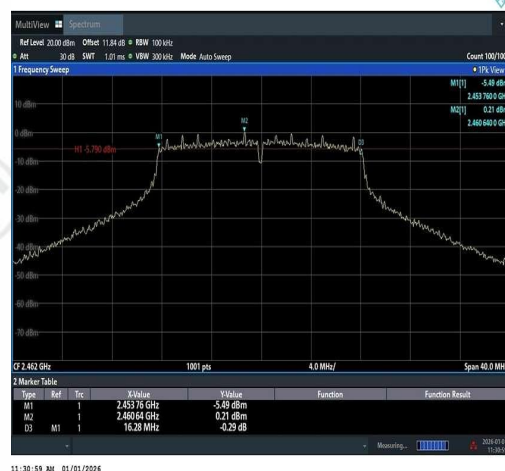
11B-Ant1-2462-PASS



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



11:55:21 AM 01/01/2026

11AX20SISO-Ant1-2412-PASS



11:57:46 AM 01/01/2026

11AX20SISO-Ant1-2437-PASS



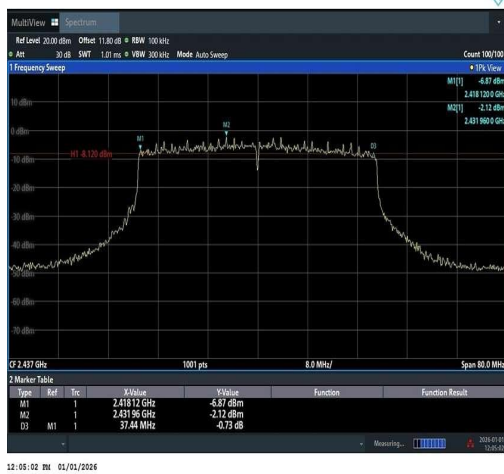
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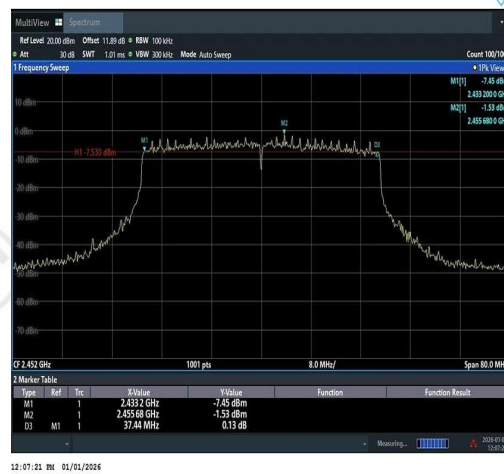
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11AX40SISO-Ant1-2422-PASS



12:05:02 PM 01/01/2026

11AX40SISO-Ant1-2437-PASS



12:07:22 PM 01/01/2026

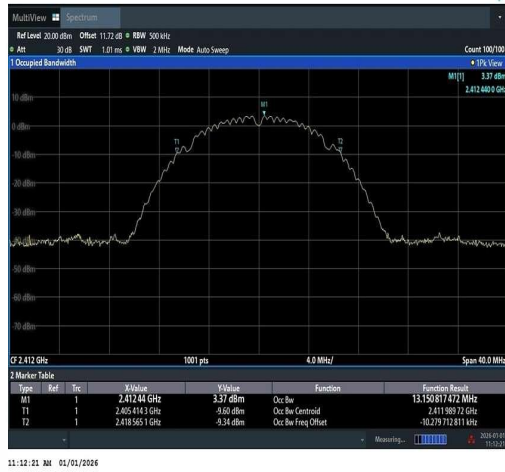
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Appendix B: Occupied Channel Bandwidth

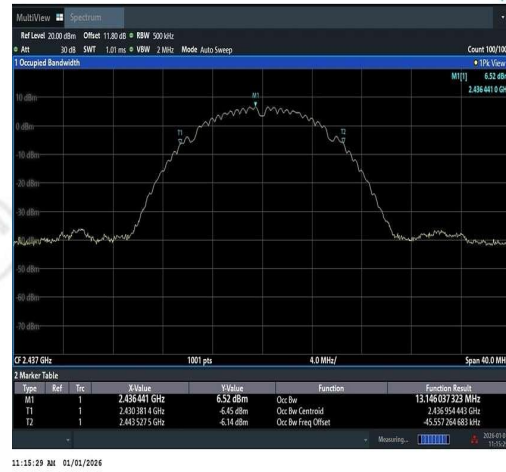
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	13.151	2405.4143	2418.5651	---	---
11B	Ant1	2437	13.146	2430.3814	2443.5275	---	---
11B	Ant1	2462	13.187	2455.3696	2468.5571	---	---
11G	Ant1	2412	18.068	2402.7958	2420.8638	---	---
11G	Ant1	2437	18.089	2427.7498	2445.8390	---	---
11G	Ant1	2462	18.099	2452.7345	2470.8330	---	---
11N20SISO	Ant1	2412	19.141	2402.3394	2421.4800	---	---
11N20SISO	Ant1	2437	19.069	2427.3359	2446.4046	---	---
11N20SISO	Ant1	2462	19.135	2452.2835	2471.4182	---	---
11N40SISO	Ant1	2422	37.294	2403.2738	2440.5677	---	---
11N40SISO	Ant1	2437	37.260	2418.2745	2455.5349	---	---
11N40SISO	Ant1	2452	37.401	2433.0912	2470.4921	---	---
11AX20SISO	Ant1	2412	19.502	2402.1789	2421.6811	---	---
11AX20SISO	Ant1	2437	19.544	2427.1281	2446.6718	---	---
11AX20SISO	Ant1	2462	19.536	2452.1794	2471.7158	---	---
11AX40SISO	Ant1	2422	38.316	2402.8112	2441.1271	---	---
11AX40SISO	Ant1	2437	38.312	2417.7608	2456.0731	---	---
11AX40SISO	Ant1	2452	38.357	2432.6833	2471.0408	---	---

Test Graphs



11B-Ant1-2412



11B-Ant1-2437



11B-Ant1-2462



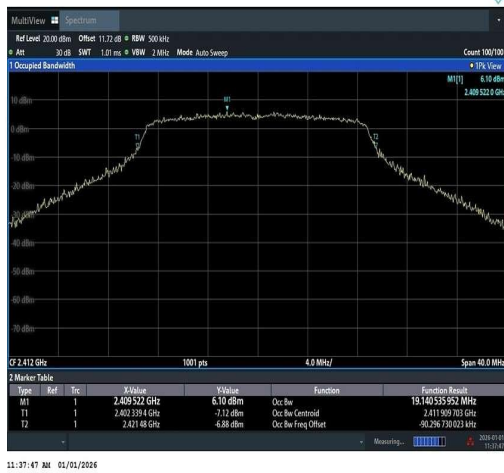
11G-Ant1-2412



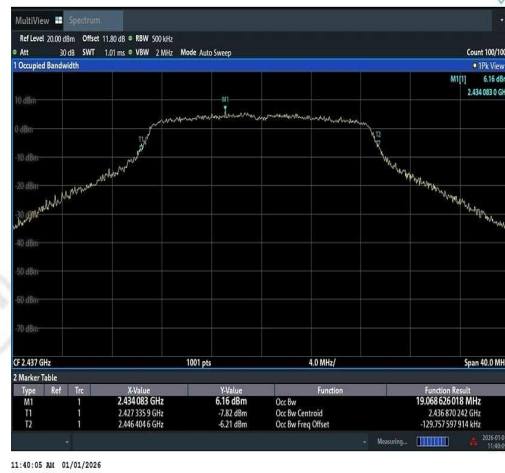
11G-Ant1-2437



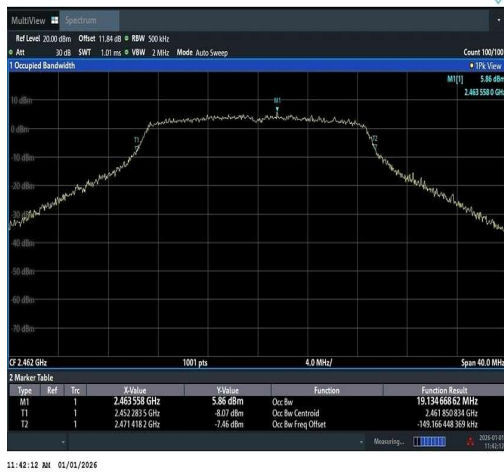
11G-Ant1-2462



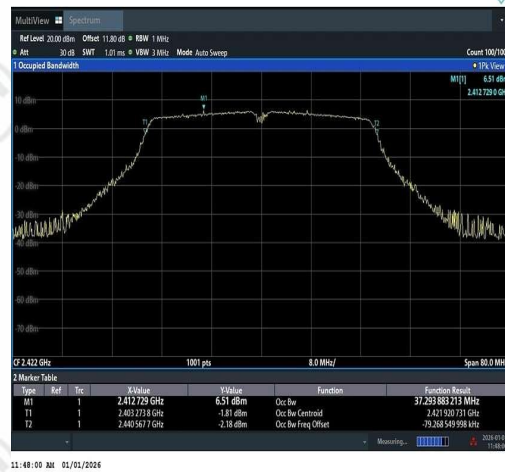
11N20SISO-Ant1-2412



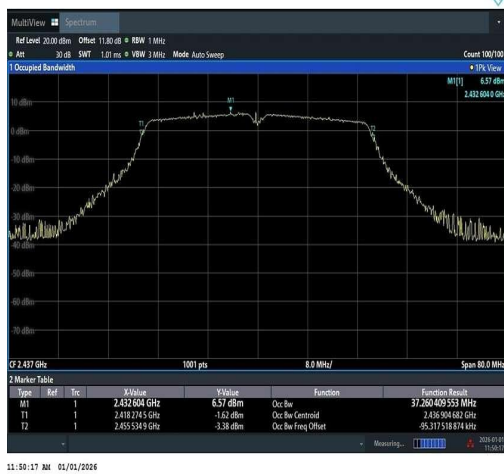
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11N20SISO-Ant1-2462



11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

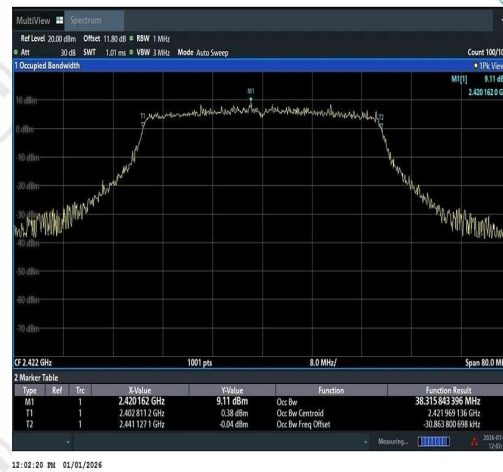
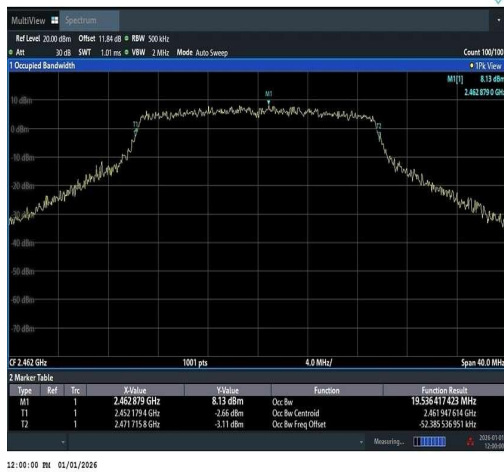


11N40SISO-Ant1-2452



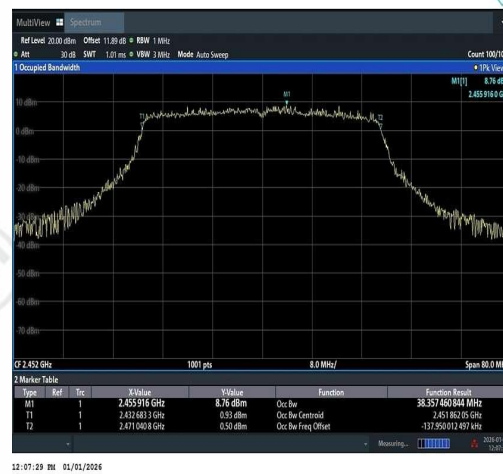
11AX20SISO-Ant1-2412

11AX20SISO-Ant1-2437



11AX20SISO-Ant1-2462

11AX40SISO-Ant1-2422



11AX40SISO-Ant1-2437

11AX40SISO-Ant1-2452

Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	13.79	≤30.00	15.44	≤36.00	PASS
11B	Ant1	2437	13.60	≤30.00	15.25	≤36.00	PASS
11B	Ant1	2462	13.02	≤30.00	14.67	≤36.00	PASS
11G	Ant1	2412	12.68	≤30.00	14.33	≤36.00	PASS
11G	Ant1	2437	12.32	≤30.00	13.97	≤36.00	PASS
11G	Ant1	2462	11.91	≤30.00	13.56	≤36.00	PASS
11N20SISO	Ant1	2412	12.51	≤30.00	14.16	≤36.00	PASS
11N20SISO	Ant1	2437	12.22	≤30.00	13.87	≤36.00	PASS
11N20SISO	Ant1	2462	12.67	≤30.00	14.32	≤36.00	PASS
11N40SISO	Ant1	2422	12.86	≤30.00	14.51	≤36.00	PASS
11N40SISO	Ant1	2437	12.25	≤30.00	13.90	≤36.00	PASS
11N40SISO	Ant1	2452	12.22	≤30.00	13.87	≤36.00	PASS
11AX20SISO	Ant1	2412	12.32	≤30.00	13.97	≤36.00	PASS
11AX20SISO	Ant1	2437	12.01	≤30.00	13.66	≤36.00	PASS
11AX20SISO	Ant1	2462	12.61	≤30.00	14.26	≤36.00	PASS
11AX40SISO	Ant1	2422	12.54	≤30.00	14.19	≤36.00	PASS
11AX40SISO	Ant1	2437	12.19	≤30.00	13.84	≤36.00	PASS
11AX40SISO	Ant1	2452	12.32	≤30.00	13.97	≤36.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-16.89	≤8.00	PASS
11B	Ant1	2437	-16.11	≤8.00	PASS
11B	Ant1	2462	-17.09	≤8.00	PASS
11G	Ant1	2412	-19.39	≤8.00	PASS
11G	Ant1	2437	-19.89	≤8.00	PASS
11G	Ant1	2462	-20.85	≤8.00	PASS
11N20SISO	Ant1	2412	-20.27	≤8.00	PASS
11N20SISO	Ant1	2437	-20.93	≤8.00	PASS
11N20SISO	Ant1	2462	-20.59	≤8.00	PASS
11N40SISO	Ant1	2422	-23.09	≤8.00	PASS
11N40SISO	Ant1	2437	-23.14	≤8.00	PASS
11N40SISO	Ant1	2452	-23.76	≤8.00	PASS
11AX20SISO	Ant1	2412	-22.14	≤8.00	PASS
11AX20SISO	Ant1	2437	-22.00	≤8.00	PASS
11AX20SISO	Ant1	2462	-21.38	≤8.00	PASS
11AX40SISO	Ant1	2422	-24.18	≤8.00	PASS
11AX40SISO	Ant1	2437	-24.18	≤8.00	PASS
11AX40SISO	Ant1	2452	-24.04	≤8.00	PASS

Test Graphs



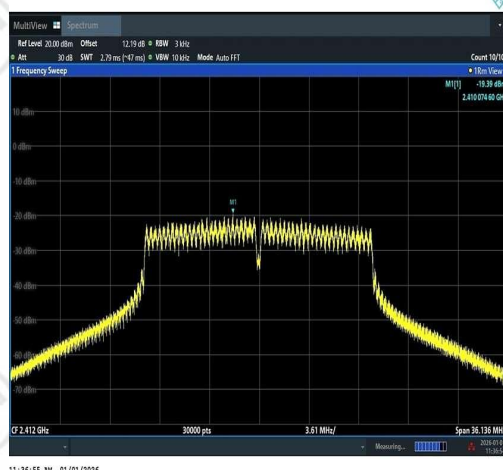
11B-Ant1-2412-PASS



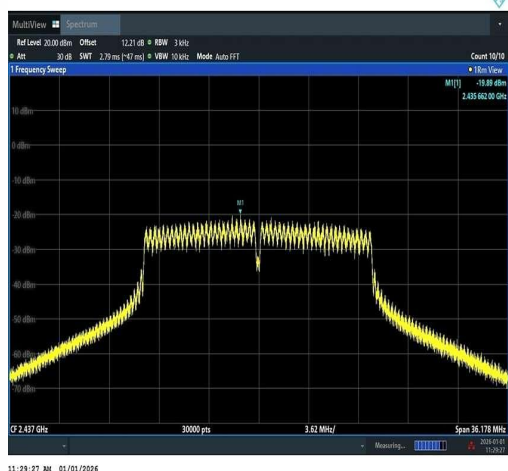
11B-Ant1-2437-PASS



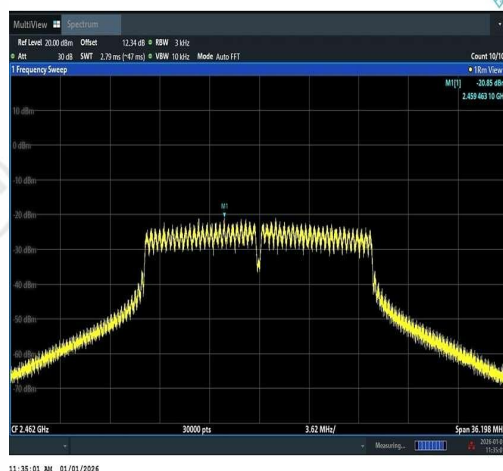
11B-Ant1-2462-PASS



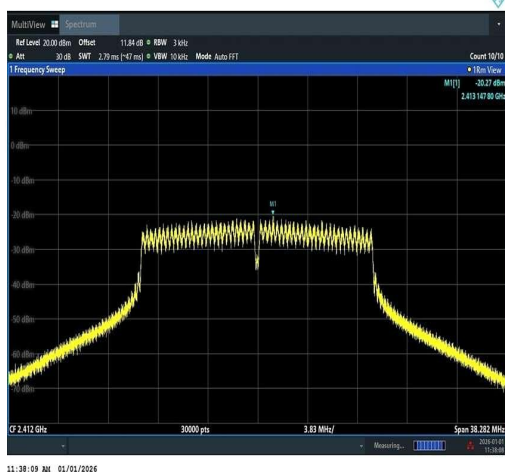
11G-Ant1-2412-PASS



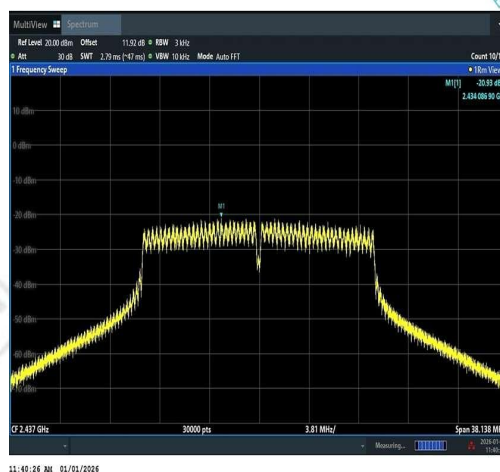
11G-Ant1-2437-PASS



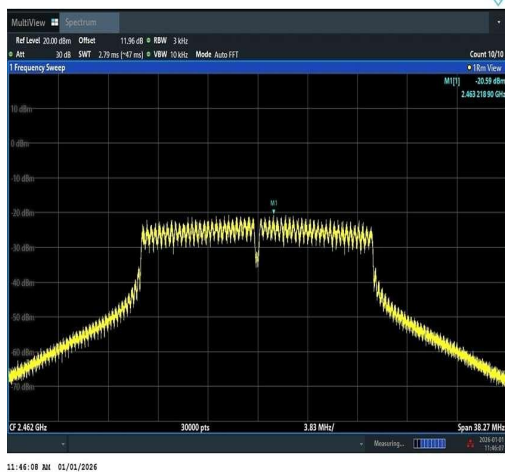
11G-Ant1-2462-PASS



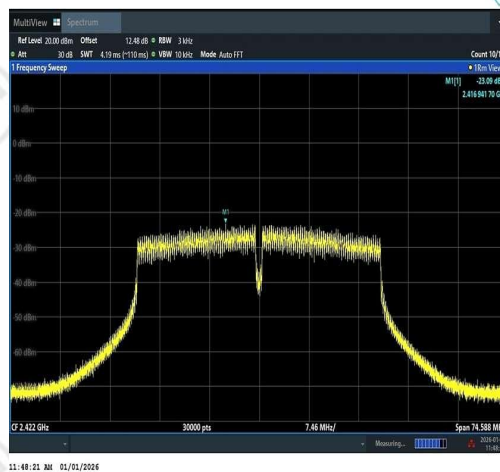
11N20SISO-Ant1-2412-PASS



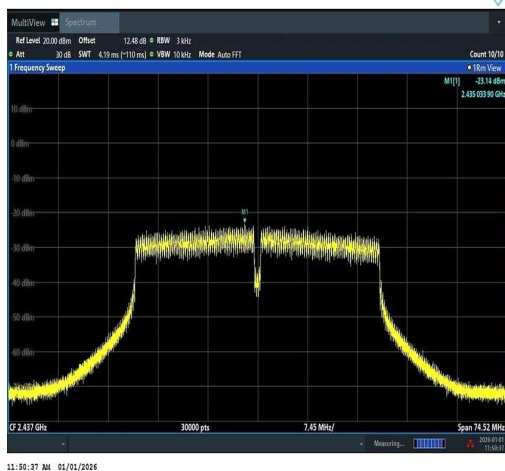
11N20SISO-Ant1-2437-PASS



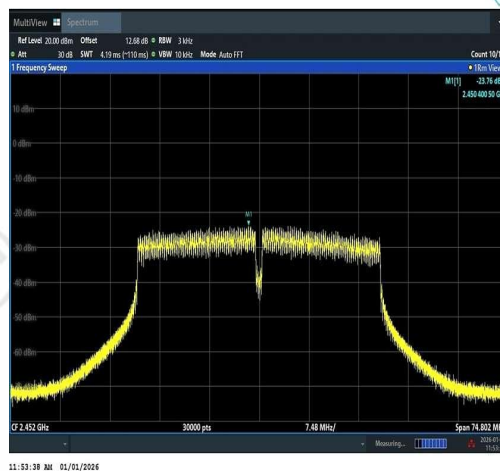
11N20SISO-Ant1-2462-PASS



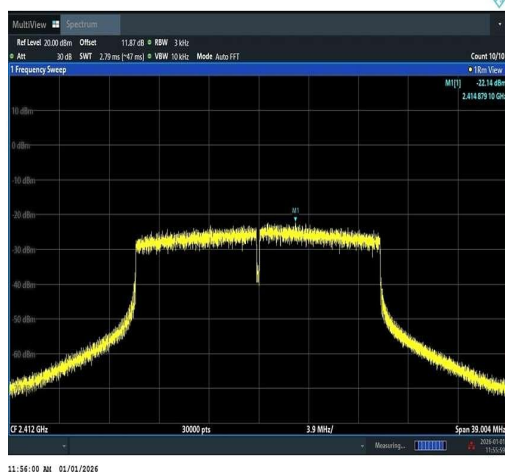
11N40SISO-Ant1-2422-PASS



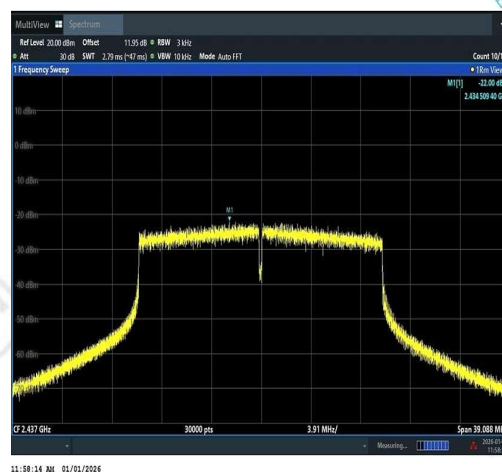
11N40SISO-Ant1-2437-PASS



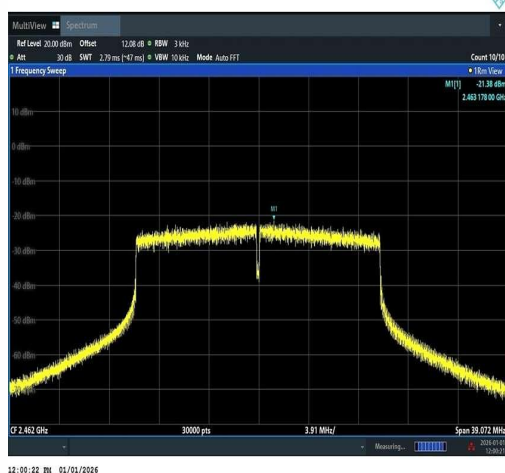
11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



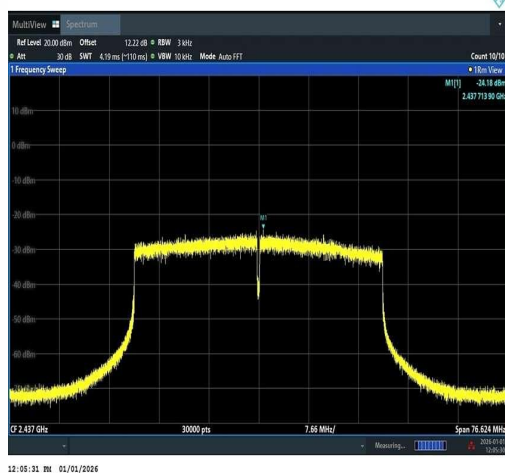
11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

Appendix E: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.32	-41.48	≤-14.68	PASS
11B	Ant1	High	2462	4.73	-46	≤-15.27	PASS
11G	Ant1	Low	2412	1.88	-27.32	≤-18.12	PASS
11G	Ant1	High	2462	0.23	-46.18	≤-19.77	PASS
11N20SISO	Ant1	Low	2412	0.15	-26.85	≤-19.85	PASS
11N20SISO	Ant1	High	2462	1.16	-45.44	≤-18.84	PASS
11N40SISO	Ant1	Low	2422	-1.68	-33.07	≤-21.68	PASS
11N40SISO	Ant1	High	2452	-2.38	-45.74	≤-22.38	PASS
11AX20SISO	Ant1	Low	2412	0.88	-27.18	≤-19.12	PASS
11AX20SISO	Ant1	High	2462	0.88	-44.79	≤-19.12	PASS
11AX40SISO	Ant1	Low	2422	-1.82	-33.36	≤-21.82	PASS
11AX40SISO	Ant1	High	2452	-1.34	-45.32	≤-21.34	PASS

Test Graphs



11B-Ant1-2412-PASS



11B-Ant1-2462-PASS



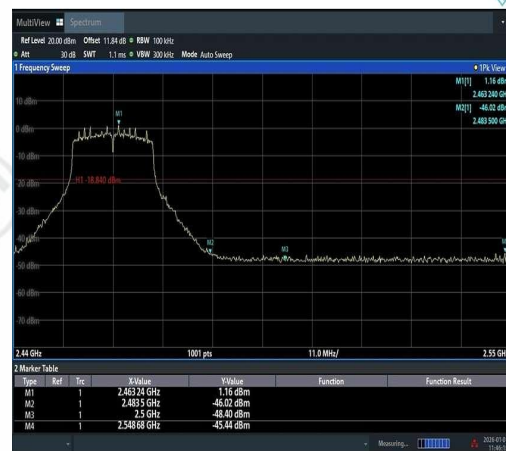
11G-Ant1-2412-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2452-PASS

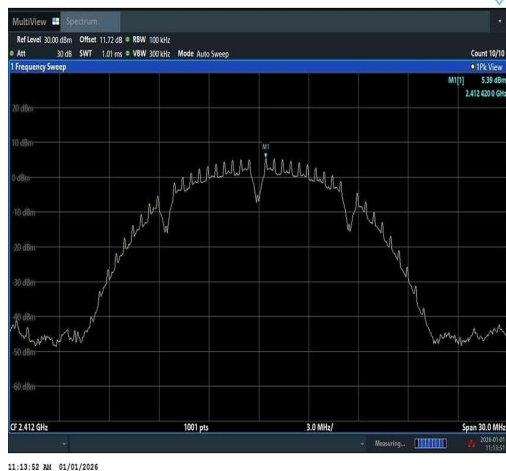
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	5.39	5.39	---	PASS
11B	Ant1	2412	30~1000	5.39	-54.9	≤-14.61	PASS
11B	Ant1	2412	1000~26500	5.39	-39.06	≤-14.61	PASS
11B	Ant1	2437	0~Reference	5.36	5.36	---	PASS
11B	Ant1	2437	30~1000	5.36	-55.49	≤-14.64	PASS
11B	Ant1	2437	1000~26500	5.36	-38.71	≤-14.64	PASS
11B	Ant1	2462	0~Reference	4.75	4.75	---	PASS
11B	Ant1	2462	30~1000	4.75	-54.85	≤-15.25	PASS
11B	Ant1	2462	1000~26500	4.75	-39.83	≤-15.25	PASS
11G	Ant1	2412	0~Reference	1.86	1.86	---	PASS
11G	Ant1	2412	30~1000	1.86	-55	≤-18.14	PASS
11G	Ant1	2412	1000~26500	1.86	-44.15	≤-18.14	PASS
11G	Ant1	2437	0~Reference	0.88	0.88	---	PASS
11G	Ant1	2437	30~1000	0.88	-55.26	≤-19.12	PASS
11G	Ant1	2437	1000~26500	0.88	-45.39	≤-19.12	PASS
11G	Ant1	2462	0~Reference	0.19	0.19	---	PASS
11G	Ant1	2462	30~1000	0.19	-54.82	≤-19.81	PASS
11G	Ant1	2462	1000~26500	0.19	-44.2	≤-19.81	PASS
11N20SISO	Ant1	2412	0~Reference	0.91	0.91	---	PASS
11N20SISO	Ant1	2412	30~1000	0.91	-54.67	≤-19.09	PASS
11N20SISO	Ant1	2412	1000~26500	0.91	-44.79	≤-19.09	PASS
11N20SISO	Ant1	2437	0~Reference	0.71	0.71	---	PASS
11N20SISO	Ant1	2437	30~1000	0.71	-54.41	≤-19.29	PASS
11N20SISO	Ant1	2437	1000~26500	0.71	-44.76	≤-19.29	PASS
11N20SISO	Ant1	2462	0~Reference	1.09	1.09	---	PASS
11N20SISO	Ant1	2462	30~1000	1.09	-54.82	≤-18.91	PASS
11N20SISO	Ant1	2462	1000~26500	1.09	-44.86	≤-18.91	PASS
11N40SISO	Ant1	2422	0~Reference	-1.72	-1.72	---	PASS
11N40SISO	Ant1	2422	30~1000	-1.72	-54.54	≤-21.72	PASS
11N40SISO	Ant1	2422	1000~26500	-1.72	-45.09	≤-21.72	PASS
11N40SISO	Ant1	2437	0~Reference	-1.84	-1.84	---	PASS
11N40SISO	Ant1	2437	30~1000	-1.84	-55.22	≤-21.84	PASS
11N40SISO	Ant1	2437	1000~26500	-1.84	-44.98	≤-21.84	PASS
11N40SISO	Ant1	2452	0~Reference	-2.31	-2.31	---	PASS
11N40SISO	Ant1	2452	30~1000	-2.31	-54.1	≤-22.31	PASS
11N40SISO	Ant1	2452	1000~26500	-2.31	-45.46	≤-22.31	PASS
11AX20SISO	Ant1	2412	0~Reference	0.75	0.75	---	PASS

11AX20SISO	Ant1	2412	30~1000	0.75	-54.85	≤ -19.25	PASS
11AX20SISO	Ant1	2412	1000~26500	0.75	-45.06	≤ -19.25	PASS
11AX20SISO	Ant1	2437	0~Reference	0.71	0.71	---	PASS
11AX20SISO	Ant1	2437	30~1000	0.71	-53.72	≤ -19.29	PASS
11AX20SISO	Ant1	2437	1000~26500	0.71	-45.44	≤ -19.29	PASS
11AX20SISO	Ant1	2462	0~Reference	1.22	1.22	---	PASS
11AX20SISO	Ant1	2462	30~1000	1.22	-54.7	≤ -18.78	PASS
11AX20SISO	Ant1	2462	1000~26500	1.22	-45.07	≤ -18.78	PASS
11AX40SISO	Ant1	2422	0~Reference	-1.84	-1.84	---	PASS
11AX40SISO	Ant1	2422	30~1000	-1.84	-54.86	≤ -21.84	PASS
11AX40SISO	Ant1	2422	1000~26500	-1.84	-45.55	≤ -21.84	PASS
11AX40SISO	Ant1	2437	0~Reference	-1.91	-1.91	---	PASS
11AX40SISO	Ant1	2437	30~1000	-1.91	-55	≤ -21.91	PASS
11AX40SISO	Ant1	2437	1000~26500	-1.91	-45.4	≤ -21.91	PASS
11AX40SISO	Ant1	2452	0~Reference	-1.31	-1.31	---	PASS
11AX40SISO	Ant1	2452	30~1000	-1.31	-54.93	≤ -21.31	PASS
11AX40SISO	Ant1	2452	1000~26500	-1.31	-45.29	≤ -21.31	PASS

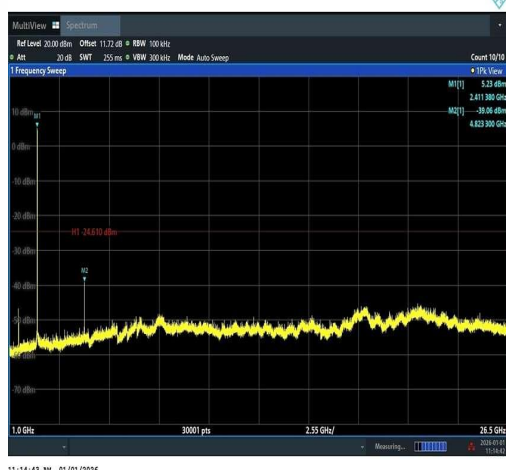
Test Graphs



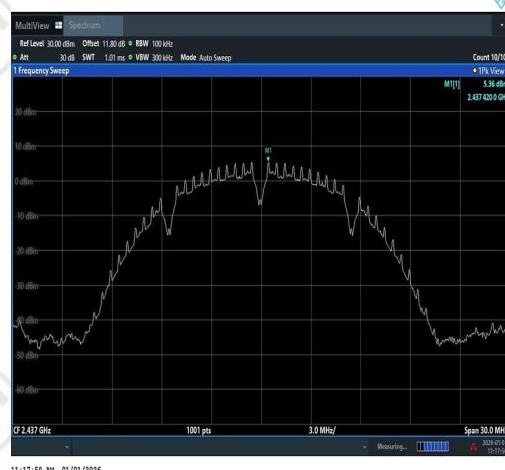
11B-Ant1-2412-0~Reference-PASS



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



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



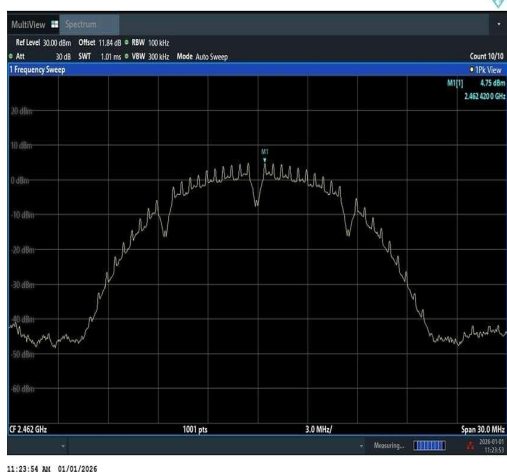
11B-Ant1-2437-0~Reference-PASS



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



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



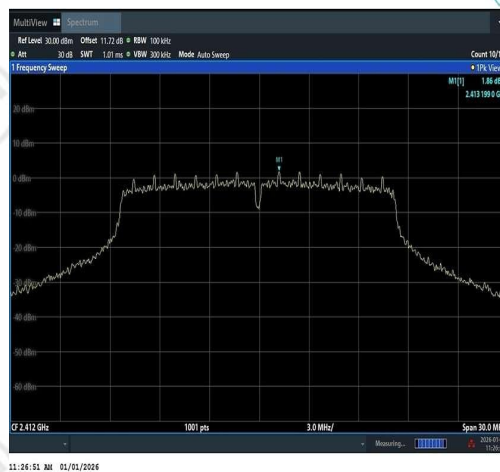
11B-Ant1-2462-0~Reference-PASS



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