

TEST REPORT

3.2 Test Plots









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4. Power Spectral Density

4.1 Test Result and Data

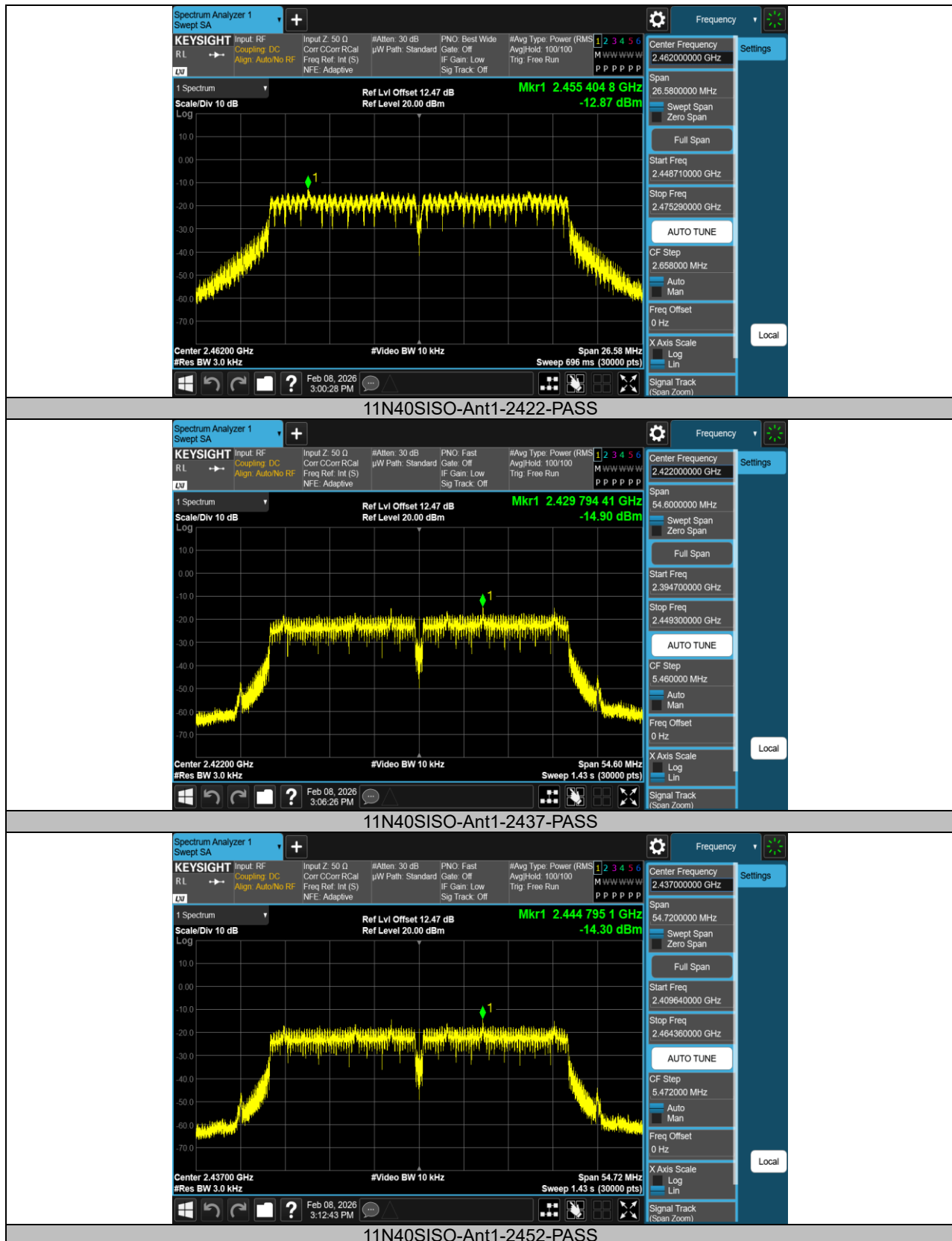
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.40	≤8.00	PASS
11B	Ant1	2437	-13.40	≤8.00	PASS
11B	Ant1	2462	-13.56	≤8.00	PASS
11G	Ant1	2412	-14.43	≤8.00	PASS
11G	Ant1	2437	-13.52	≤8.00	PASS
11G	Ant1	2462	-12.63	≤8.00	PASS
11N20SISO	Ant1	2412	-14.91	≤8.00	PASS
11N20SISO	Ant1	2437	-13.84	≤8.00	PASS
11N20SISO	Ant1	2462	-12.87	≤8.00	PASS
11N40SISO	Ant1	2422	-14.90	≤8.00	PASS
11N40SISO	Ant1	2437	-14.30	≤8.00	PASS
11N40SISO	Ant1	2452	-13.66	≤8.00	PASS

4.2 Test Plots











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5. Emission outside the frequency band

5.1 Test Result and Data

Reference level measurement

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.50	6.78
11B	Ant1	2437	2437.49	6.66
11B	Ant1	2462	2462.49	6.66
11G	Ant1	2412	2418.61	-0.09
11G	Ant1	2437	2438.64	0.57
11G	Ant1	2462	2466.12	2.46
11N20SISO	Ant1	2412	2419.49	-1.54
11N20SISO	Ant1	2437	2444.49	-0.76
11N20SISO	Ant1	2462	2459.10	0.74
11N40SISO	Ant1	2422	2434.12	-3.73
11N40SISO	Ant1	2437	2450.35	-3.30
11N40SISO	Ant1	2452	2448.61	-2.72

Band edge measurements

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.77	-47.11	≤-13.23	PASS
11B	Ant1	High	2462	6.72	-47.43	≤-13.28	PASS
11G	Ant1	Low	2412	-0.31	-36.04	≤-20.31	PASS
11G	Ant1	High	2462	2.02	-42.82	≤-17.99	PASS
11N20SISO	Ant1	Low	2412	-1.34	-38.11	≤-21.34	PASS
11N20SISO	Ant1	High	2462	0.91	-46.16	≤-19.1	PASS
11N40SISO	Ant1	Low	2422	-3.75	-37.28	≤-23.75	PASS
11N40SISO	Ant1	High	2452	-2.97	-42.99	≤-22.97	PASS

Conducted Spurious Emission

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	6.78	-61.13	≤-13.22	PASS
11B	Ant1	2412	1000~26500	6.78	-23.11	≤-13.22	PASS
11B	Ant1	2437	30~1000	6.66	-61.26	≤-13.34	PASS
11B	Ant1	2437	1000~26500	6.66	-23.79	≤-13.34	PASS
11B	Ant1	2462	30~1000	6.66	-60.96	≤-13.34	PASS
11B	Ant1	2462	1000~26500	6.66	-23.89	≤-13.34	PASS
11G	Ant1	2412	30~1000	-0.09	-60.42	≤-20.09	PASS
11G	Ant1	2412	1000~26500	-0.09	-34.64	≤-20.09	PASS
11G	Ant1	2437	30~1000	0.57	-61.3	≤-19.43	PASS
11G	Ant1	2437	1000~26500	0.57	-34.51	≤-19.43	PASS
11G	Ant1	2462	30~1000	2.46	-61.04	≤-17.54	PASS
11G	Ant1	2462	1000~26500	2.46	-32.03	≤-17.54	PASS
11N20SISO	Ant1	2412	30~1000	-1.54	-61.12	≤-21.54	PASS
11N20SISO	Ant1	2412	1000~26500	-1.54	-37.22	≤-21.54	PASS
11N20SISO	Ant1	2437	30~1000	-0.76	-60.6	≤-20.76	PASS
11N20SISO	Ant1	2437	1000~26500	-0.76	-37.43	≤-20.76	PASS
11N20SISO	Ant1	2462	30~1000	0.74	-61.76	≤-19.26	PASS
11N20SISO	Ant1	2462	1000~26500	0.74	-36.06	≤-19.26	PASS
11N40SISO	Ant1	2422	30~1000	-3.73	-58.58	≤-23.73	PASS
11N40SISO	Ant1	2422	1000~26500	-3.73	-38.92	≤-23.73	PASS
11N40SISO	Ant1	2437	30~1000	-3.30	-56.94	≤-23.3	PASS
11N40SISO	Ant1	2437	1000~26500	-3.30	-39.53	≤-23.3	PASS
11N40SISO	Ant1	2452	30~1000	-2.72	-58.6	≤-22.72	PASS
11N40SISO	Ant1	2452	1000~26500	-2.72	-39.79	≤-22.72	PASS

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5.2 Test plots

Reference level measurement

