

AppendixC: Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	16.78	≤30.00	18.72	≤36.00	PASS
11B	Ant2	2412	16.43	≤30.00	18.33	≤36.00	PASS
11B	Ant1	2437	16.44	≤30.00	18.38	≤36.00	PASS
11B	Ant2	2437	15.49	≤30.00	17.39	≤36.00	PASS
11B	Ant1	2462	16.15	≤30.00	18.09	≤36.00	PASS
11B	Ant2	2462	15.42	≤30.00	17.32	≤36.00	PASS
11G	Ant1	2412	16.63	≤30.00	18.57	≤36.00	PASS
11G	Ant2	2412	16.47	≤30.00	18.37	≤36.00	PASS
11G	Ant1	2437	16.38	≤30.00	18.32	≤36.00	PASS
11G	Ant2	2437	15.69	≤30.00	17.59	≤36.00	PASS
11G	Ant1	2462	16.30	≤30.00	18.24	≤36.00	PASS
11G	Ant2	2462	15.61	≤30.00	17.51	≤36.00	PASS
11N20SISO	Ant1	2412	16.81	≤30.00	18.75	≤36.00	PASS
11N20SISO	Ant2	2412	16.72	≤30.00	18.62	≤36.00	PASS
11N20SISO	Ant1	2437	16.56	≤30.00	18.50	≤36.00	PASS
11N20SISO	Ant2	2437	15.96	≤30.00	17.86	≤36.00	PASS
11N20SISO	Ant1	2462	15.63	≤30.00	17.57	≤36.00	PASS
11N20SISO	Ant2	2462	15.82	≤30.00	17.72	≤36.00	PASS
11N40SISO	Ant1	2422	15.74	≤30.00	17.68	≤36.00	PASS
11N40SISO	Ant2	2422	16.15	≤30.00	18.05	≤36.00	PASS
11N40SISO	Ant1	2437	15.79	≤30.00	17.73	≤36.00	PASS
11N40SISO	Ant2	2437	16.15	≤30.00	18.05	≤36.00	PASS
11N40SISO	Ant1	2452	15.77	≤30.00	17.71	≤36.00	PASS
11N40SISO	Ant2	2452	16.10	≤30.00	18.00	≤36.00	PASS
11N20MIMO	Ant1	2412	10.81	≤30.00	12.75	≤36.00	PASS
11N20MIMO	Ant2	2412	11.02	≤30.00	12.92	≤36.00	PASS
11N20MIMO	total	2412	13.93	≤30.00	18.86	≤36.00	PASS
11N20MIMO	Ant1	2437	10.10	≤30.00	12.04	≤36.00	PASS
11N20MIMO	Ant2	2437	10.28	≤30.00	12.18	≤36.00	PASS
11N20MIMO	total	2437	13.20	≤30.00	18.13	≤36.00	PASS
11N20MIMO	Ant1	2462	10.29	≤30.00	12.23	≤36.00	PASS
11N20MIMO	Ant2	2462	10.09	≤30.00	11.99	≤36.00	PASS
11N20MIMO	total	2462	13.20	≤30.00	18.13	≤36.00	PASS
11N40MIMO	Ant1	2422	10.84	≤30.00	12.78	≤36.00	PASS
11N40MIMO	Ant2	2422	10.59	≤30.00	12.49	≤36.00	PASS
11N40MIMO	total	2422	13.73	≤30.00	18.66	≤36.00	PASS
11N40MIMO	Ant1	2437	9.69	≤30.00	11.63	≤36.00	PASS

11N40MIMO	Ant2	2437	10.56	≤30.00	12.46	≤36.00	PASS
11N40MIMO	total	2437	13.16	≤30.00	18.09	≤36.00	PASS
11N40MIMO	Ant1	2452	10.54	≤30.00	12.48	≤36.00	PASS
11N40MIMO	Ant2	2452	10.32	≤30.00	12.22	≤36.00	PASS
11N40MIMO	total	2452	13.44	≤30.00	18.37	≤36.00	PASS

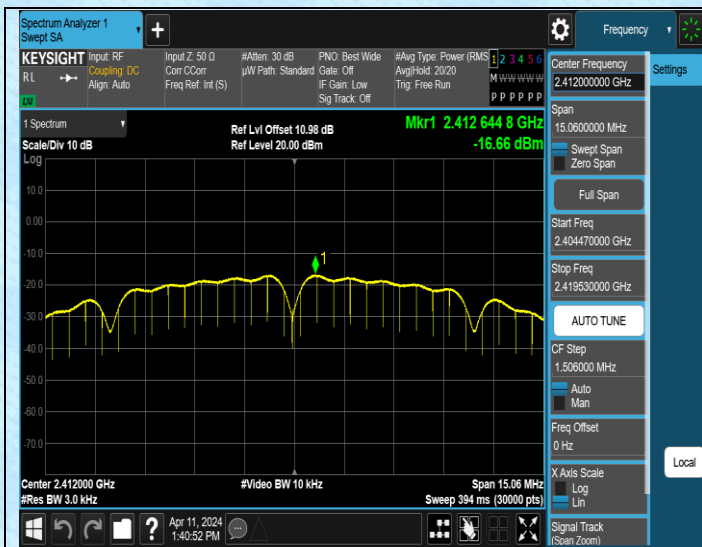
AppendixD: Maximum power spectral density

Test Result

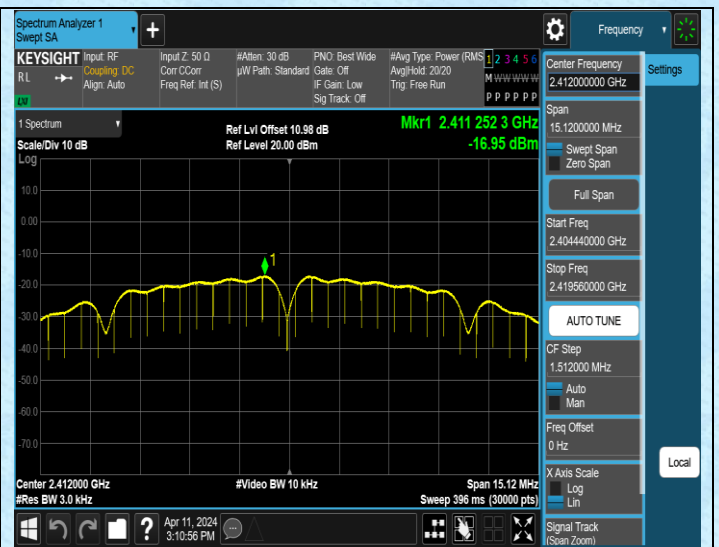
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.66	≤8.00	PASS
11B	Ant2	2412	-16.95	≤8.00	PASS
11B	Ant1	2437	-17	≤8.00	PASS
11B	Ant2	2437	-17.94	≤8.00	PASS
11B	Ant1	2462	-17.32	≤8.00	PASS
11B	Ant2	2462	-17.99	≤8.00	PASS
11G	Ant1	2412	-19.25	≤8.00	PASS
11G	Ant2	2412	-19.53	≤8.00	PASS
11G	Ant1	2437	-19.62	≤8.00	PASS
11G	Ant2	2437	-20.1	≤8.00	PASS
11G	Ant1	2462	-19.33	≤8.00	PASS
11G	Ant2	2462	-19.7	≤8.00	PASS
11N20SISO	Ant1	2412	-19.02	≤8.00	PASS
11N20SISO	Ant2	2412	-19.27	≤8.00	PASS
11N20SISO	Ant1	2437	-19.11	≤8.00	PASS
11N20SISO	Ant2	2437	-19.79	≤8.00	PASS
11N20SISO	Ant1	2462	-19.66	≤8.00	PASS
11N20SISO	Ant2	2462	-19.18	≤8.00	PASS
11N40SISO	Ant1	2422	-19.87	≤8.00	PASS
11N40SISO	Ant2	2422	-19.26	≤8.00	PASS
11N40SISO	Ant1	2437	-20.21	≤8.00	PASS
11N40SISO	Ant2	2437	-19.35	≤8.00	PASS
11N40SISO	Ant1	2452	-20.3	≤8.00	PASS
11N40SISO	Ant2	2452	-19.88	≤8.00	PASS
11N20MIMO	Ant1	2412	-24.93	≤8.00	PASS
11N20MIMO	Ant2	2412	-24.51	≤8.00	PASS
11N20MIMO	total	2412	-21.70	≤8.00	PASS
11N20MIMO	Ant1	2437	-25.62	≤8.00	PASS
11N20MIMO	Ant2	2437	-25.56	≤8.00	PASS
11N20MIMO	total	2437	-22.58	≤8.00	PASS
11N20MIMO	Ant1	2462	-25.02	≤8.00	PASS
11N20MIMO	Ant2	2462	-25.2	≤8.00	PASS

11N20MIMO	total	2462	-22.10	≤8.00	PASS
11N40MIMO	Ant1	2422	-26.19	≤8.00	PASS
11N40MIMO	Ant2	2422	-24.94	≤8.00	PASS
11N40MIMO	total	2422	-22.51	≤8.00	PASS
11N40MIMO	Ant1	2437	-27.59	≤8.00	PASS
11N40MIMO	Ant2	2437	-25.1	≤8.00	PASS
11N40MIMO	total	2437	-23.16	≤8.00	PASS
11N40MIMO	Ant1	2452	-25.35	≤8.00	PASS
11N40MIMO	Ant2	2452	-24.76	≤8.00	PASS
11N40MIMO	total	2452	-22.03	≤8.00	PASS

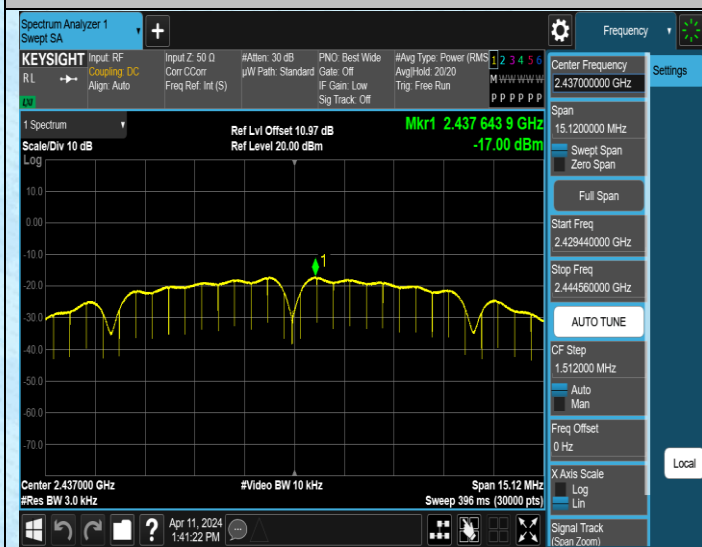
Test Graphs



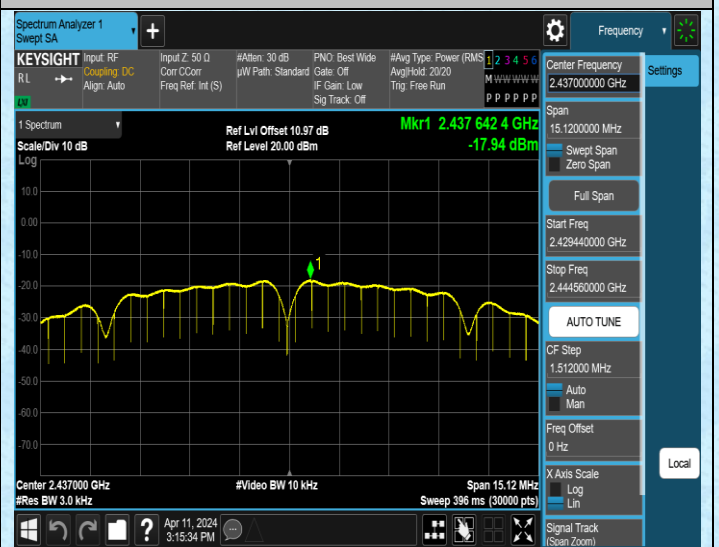
11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2437-PASS



11B-Ant2-2437-PASS

