

AppendixA: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	Rate	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	10.080	2406.960	2417.040	0.5	PASS
11B	Ant1	2437	1Mbps	10.080	2431.960	2442.040	0.5	PASS
11B	Ant1	2462	1Mbps	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	6Mbps	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	6Mbps	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	6Mbps	16.040	2453.840	2469.880	0.5	PASS
11N20SISO	Ant1	2412	MCS0	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	MCS0	17.560	2428.200	2445.760	0.5	PASS
11N20SISO	Ant1	2462	MCS0	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	MCS0	36.320	2403.840	2440.160	0.5	PASS
11N40SISO	Ant1	2437	MCS0	36.320	2418.840	2455.160	0.5	PASS
11N40SISO	Ant1	2452	MCS0	35.760	2434.080	2469.840	0.5	PASS
11AX20SISO	Ant1	2412	MCS0	16.960	2403.840	2420.800	0.5	PASS
11AX20SISO	Ant1	2437	MCS0	16.920	2428.920	2445.840	0.5	PASS
11AX20SISO	Ant1	2462	MCS0	17.680	2453.160	2470.840	0.5	PASS
11AX40SISO	Ant1	2422	MCS0	35.040	2404.480	2439.520	0.5	PASS
11AX40SISO	Ant1	2437	MCS0	35.040	2419.480	2454.520	0.5	PASS
11AX40SISO	Ant1	2452	MCS0	35.040	2434.480	2469.520	0.5	PASS

Test Graphs



11B-Ant1-2412-PASS

11B-Ant1-2437-PASS



11B-Ant1-2462-PASS

11G-Ant1-2412-PASS

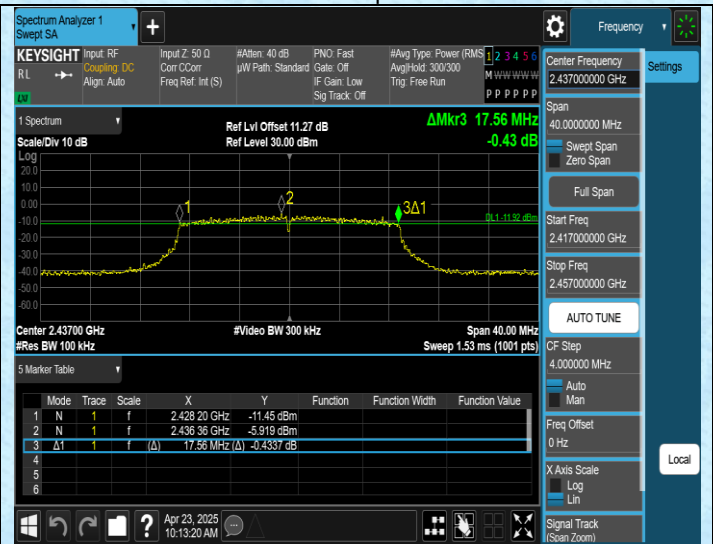


11G-Ant1-2437-PASS

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



11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



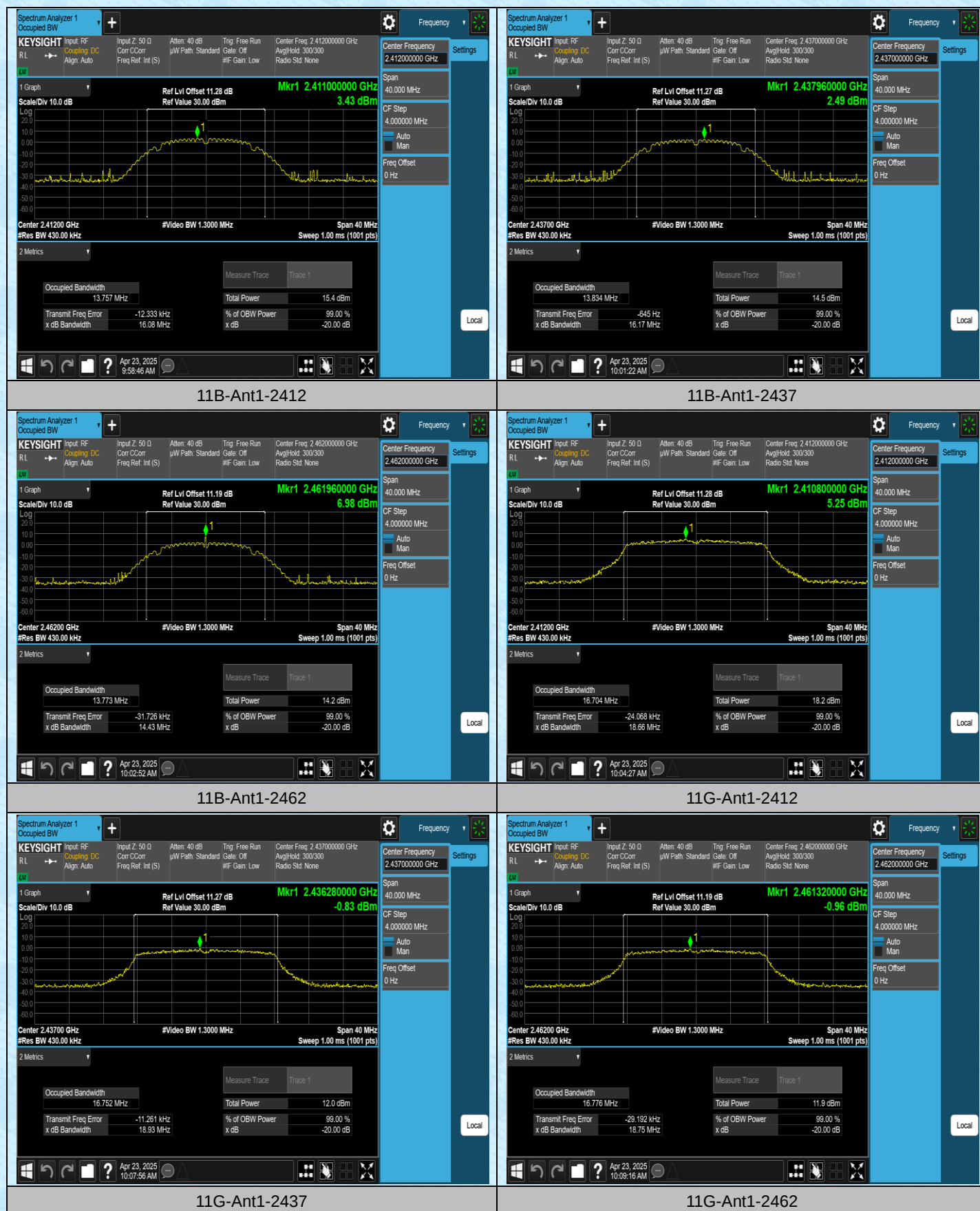
11AX40SISO-Ant1-2452-PASS

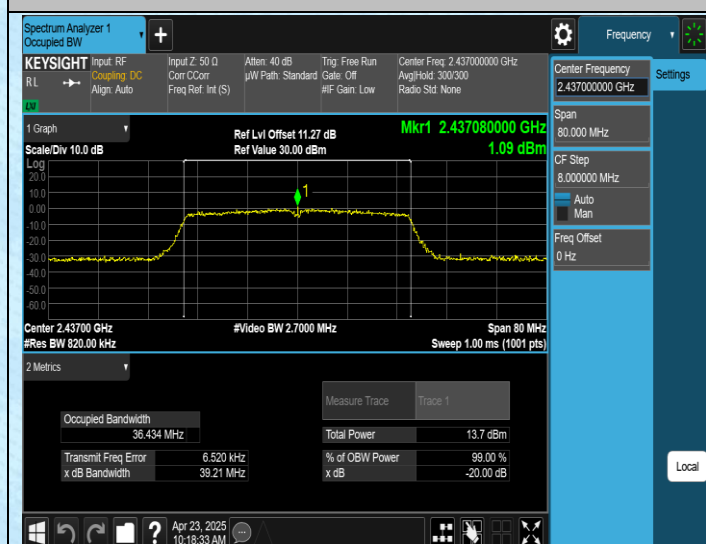
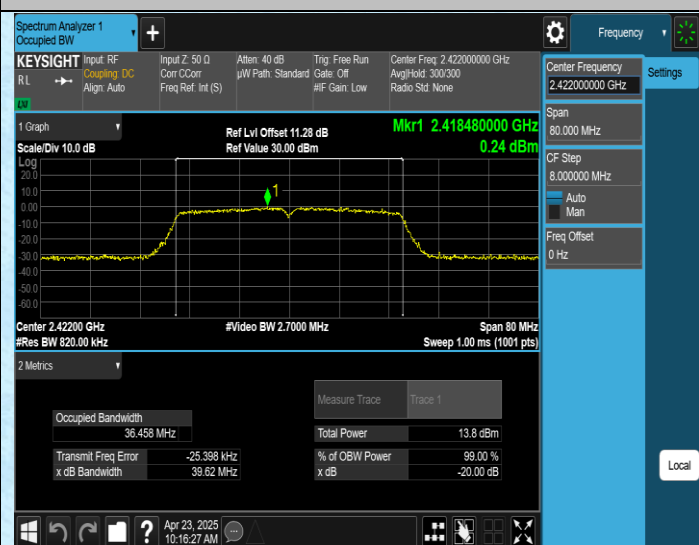
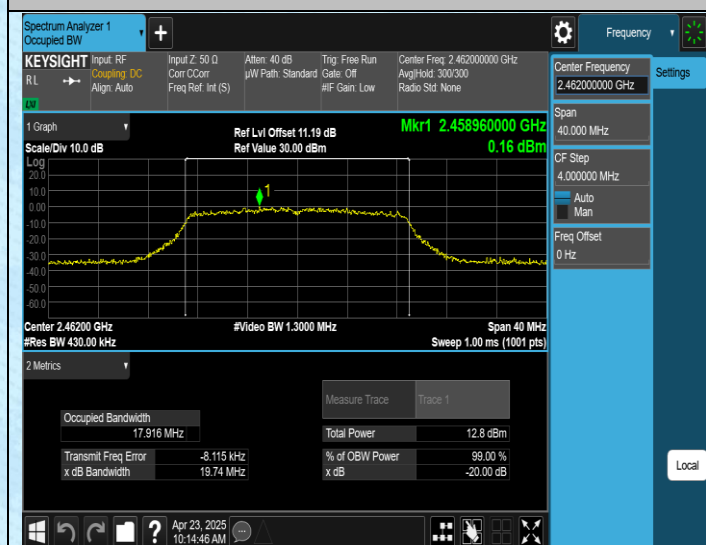
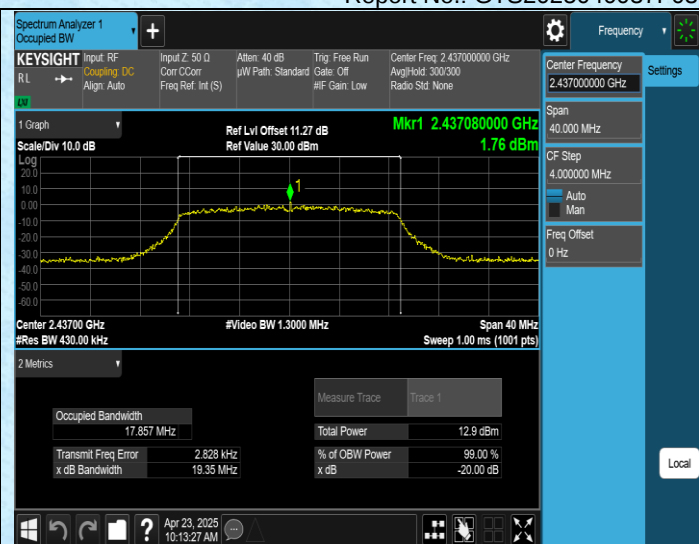
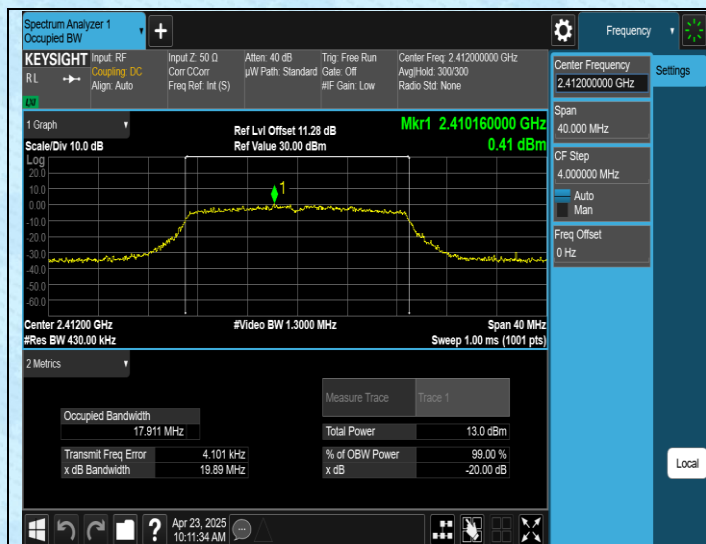
AppendixB: Occupied Channel Bandwidth

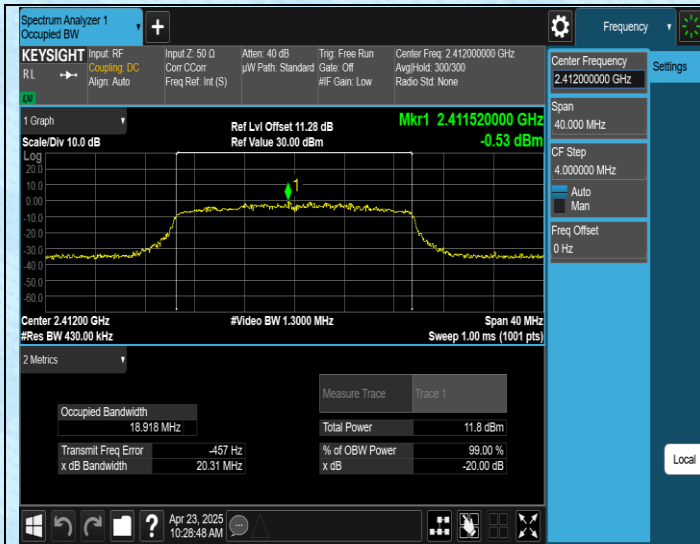
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	Rate	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	1Mbps	13.757	2405.1092	2418.8662	---	---
11B	Ant1	2437	1Mbps	13.834	2430.0824	2443.9164	---	---
11B	Ant1	2462	1Mbps	13.773	2455.0818	2468.8548	---	---
11G	Ant1	2412	6Mbps	16.704	2403.6239	2420.3279	---	---
11G	Ant1	2437	6Mbps	16.752	2428.6127	2445.3647	---	---
11G	Ant1	2462	6Mbps	16.776	2453.5828	2470.3588	---	---
11N20SISO	Ant1	2412	MCS0	17.911	2403.0486	2420.9596	---	---
11N20SISO	Ant1	2437	MCS0	17.857	2428.0743	2445.9313	---	---
11N20SISO	Ant1	2462	MCS0	17.916	2453.0339	2470.9499	---	---
11N40SISO	Ant1	2422	MCS0	36.458	2403.7456	2440.2036	---	---
11N40SISO	Ant1	2437	MCS0	36.434	2418.7895	2455.2235	---	---
11N40SISO	Ant1	2452	MCS0	36.432	2433.7074	2470.1394	---	---
11AX20SISO	Ant1	2412	MCS0	18.918	2402.5405	2421.4585	---	---
11AX20SISO	Ant1	2437	MCS0	18.930	2427.5379	2446.4679	---	---
11AX20SISO	Ant1	2462	MCS0	18.967	2452.5090	2471.4760	---	---
11AX40SISO	Ant1	2422	MCS0	37.923	2403.0381	2440.9611	---	---
11AX40SISO	Ant1	2437	MCS0	37.835	2418.0333	2455.8683	---	---
11AX40SISO	Ant1	2452	MCS0	37.800	2432.9943	2470.7943	---	---

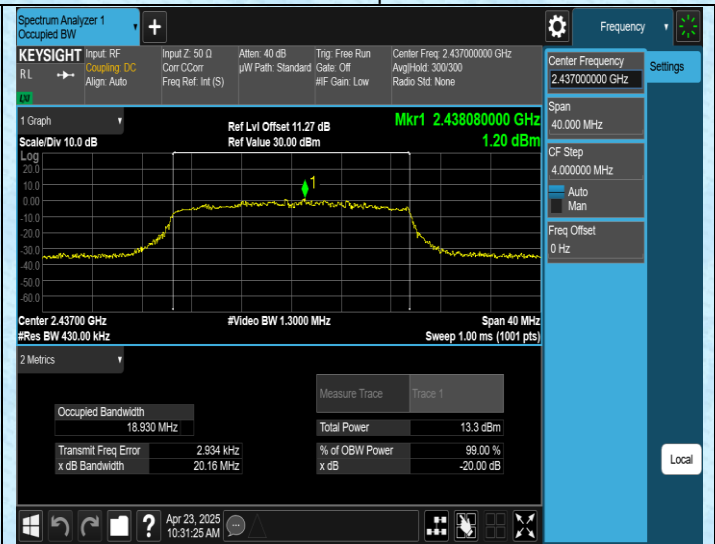
Test Graphs



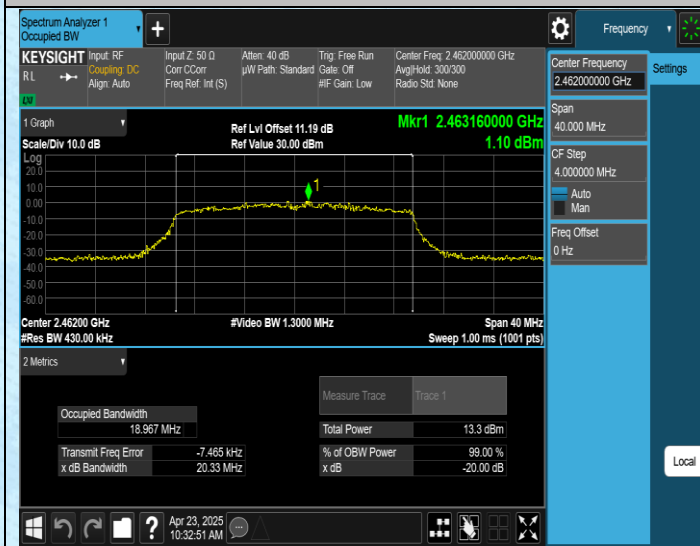




11AX20SISO-Ant1-2412



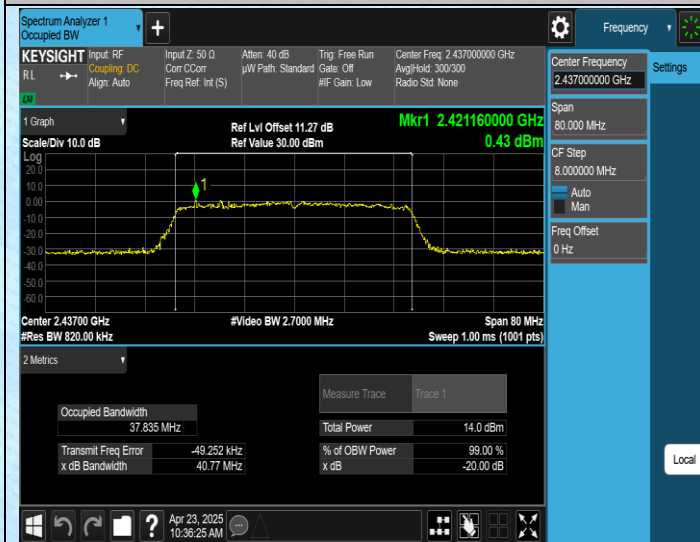
11AX20SISO-Ant1-2437



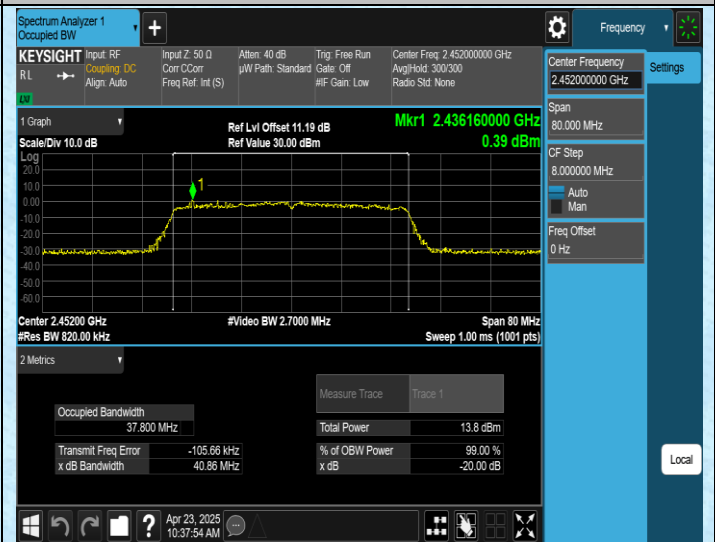
11AX20SISO-Ant1-2462



11AX40SISO-Ant1-2422



11AX40SISO-Ant1-2437



11AX40SISO-Ant1-2452

AppendixC: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency [MHz]	Rate	Avg Power[dBm]	Peak Power[dBm]	Conducted Limit[dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	1Mbps	13.86	13.89	≤30.00	0.85	14.74	≤36.00	PASS
11B	Ant1	2437	1Mbps	13.98	14.01	≤30.00	0.85	14.86	≤36.00	PASS
11B	Ant1	2462	1Mbps	13.77	13.80	≤30.00	0.85	14.65	≤36.00	PASS
11G	Ant1	2412	6Mbps	10.57	13.20	≤30.00	0.85	14.05	≤36.00	PASS
11G	Ant1	2437	6Mbps	10.38	13.01	≤30.00	0.85	13.86	≤36.00	PASS
11G	Ant1	2462	6Mbps	10.67	13.30	≤30.00	0.85	14.15	≤36.00	PASS
11N20SISO	Ant1	2412	MCS0	13.87	13.90	≤30.00	0.85	14.75	≤36.00	PASS
11N20SISO	Ant1	2437	MCS0	14.03	14.05	≤30.00	0.85	14.90	≤36.00	PASS
11N20SISO	Ant1	2462	MCS0	13.92	13.94	≤30.00	0.85	14.79	≤36.00	PASS
11N40SISO	Ant1	2422	MCS0	13.75	13.77	≤30.00	0.85	14.62	≤36.00	PASS
11N40SISO	Ant1	2437	MCS0	13.84	13.87	≤30.00	0.85	14.72	≤36.00	PASS
11N40SISO	Ant1	2452	MCS0	13.60	13.62	≤30.00	0.85	14.47	≤36.00	PASS
11AX20SISO	Ant1	2412	MCS0	9.92	13.18	≤30.00	0.85	14.03	≤36.00	PASS
11AX20SISO	Ant1	2437	MCS0	10.47	13.69	≤30.00	0.85	14.54	≤36.00	PASS
11AX20SISO	Ant1	2462	MCS0	10.59	13.81	≤30.00	0.85	14.66	≤36.00	PASS
11AX40SISO	Ant1	2422	MCS0	10.38	13.56	≤30.00	0.85	14.41	≤36.00	PASS
11AX40SISO	Ant1	2437	MCS0	10.68	13.86	≤30.00	0.85	14.71	≤36.00	PASS
11AX40SISO	Ant1	2452	MCS0	10.55	13.73	≤30.00	0.85	14.58	≤36.00	PASS

AppendixD: Maximum power spectral density**Test Result**

Test Mode	Antenna	Frequency[MHz]	Rate	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	1Mbps	-12.32	≤8.00	PASS
11B	Ant1	2437	1Mbps	-10.38	≤8.00	PASS
11B	Ant1	2462	1Mbps	-11.71	≤8.00	PASS
11G	Ant1	2412	6Mbps	-19.84	≤8.00	PASS
11G	Ant1	2437	6Mbps	-20.08	≤8.00	PASS
11G	Ant1	2462	6Mbps	-19.2	≤8.00	PASS
11N20SISO	Ant1	2412	MCS0	-19.04	≤8.00	PASS
11N20SISO	Ant1	2437	MCS0	-18.46	≤8.00	PASS
11N20SISO	Ant1	2462	MCS0	-18.58	≤8.00	PASS
11N40SISO	Ant1	2422	MCS0	-21.25	≤8.00	PASS
11N40SISO	Ant1	2437	MCS0	-21.41	≤8.00	PASS
11N40SISO	Ant1	2452	MCS0	-19.95	≤8.00	PASS
11AX20SISO	Ant1	2412	MCS0	-20.79	≤8.00	PASS
11AX20SISO	Ant1	2437	MCS0	-20.11	≤8.00	PASS
11AX20SISO	Ant1	2462	MCS0	-20.34	≤8.00	PASS
11AX40SISO	Ant1	2422	MCS0	-24	≤8.00	PASS
11AX40SISO	Ant1	2437	MCS0	-23.78	≤8.00	PASS
11AX40SISO	Ant1	2452	MCS0	-23.76	≤8.00	PASS

Test Graphs

