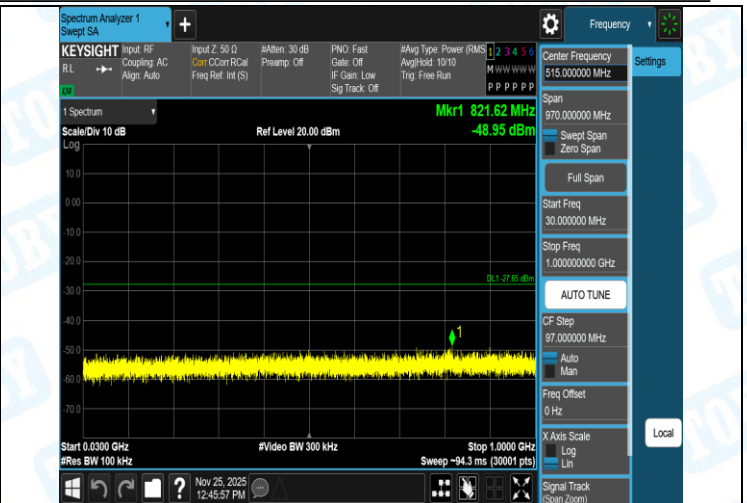




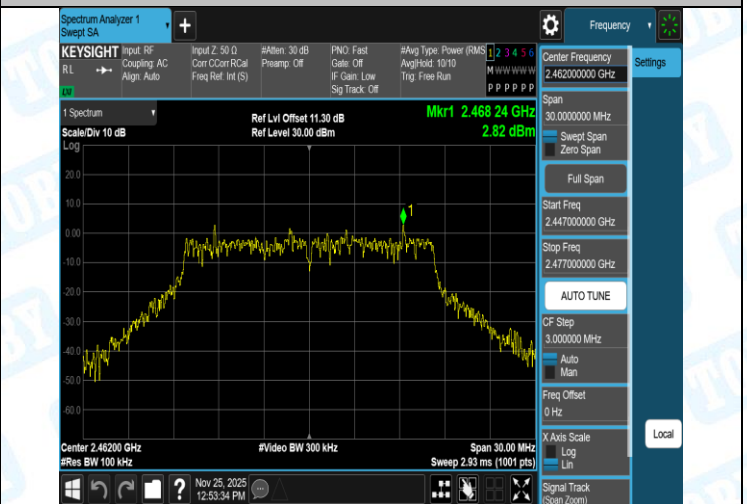
11G-Ant1-2437-0~Reference-PASS



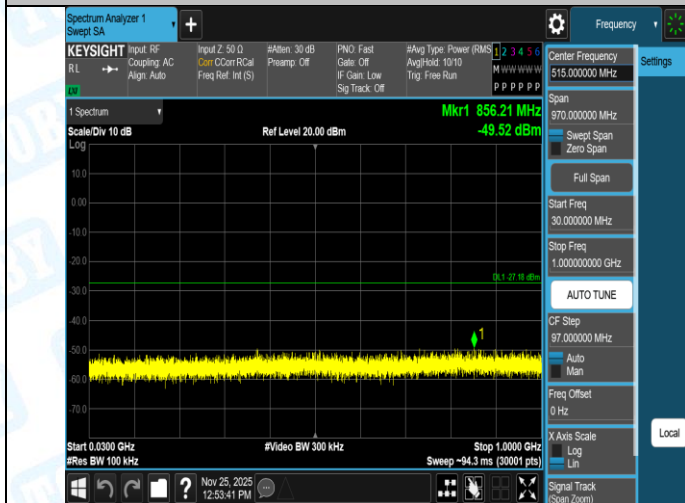
11G-Ant1-2437-30~1000-PASS



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



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



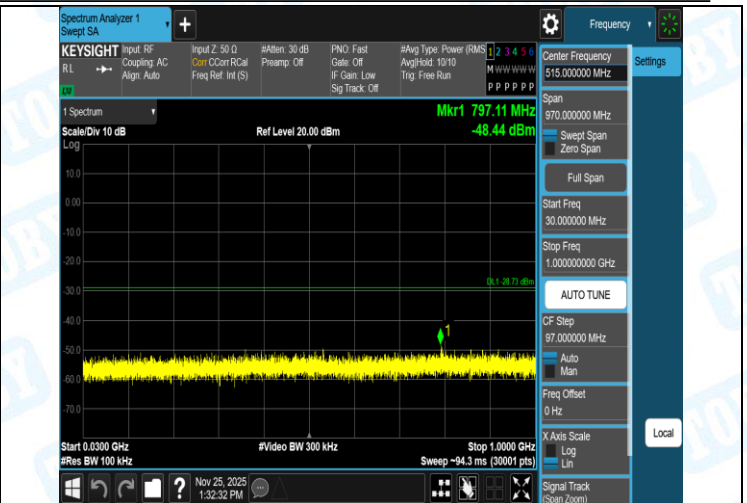
11G-Ant1-2462-30~1000-PASS



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



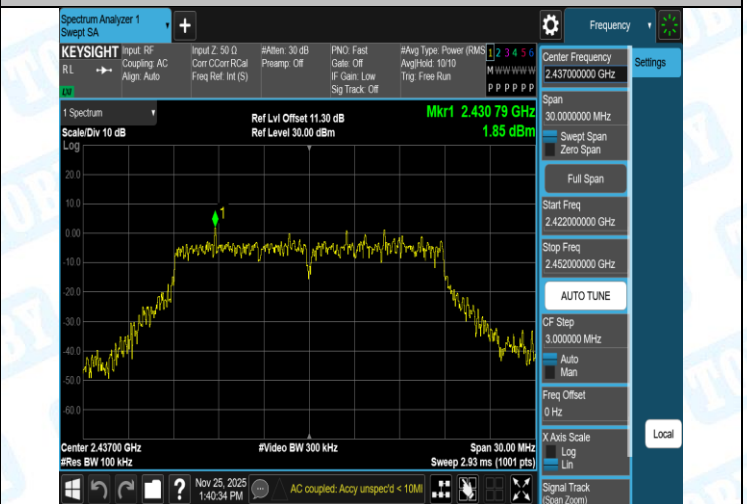
11N20SISO-Ant1-2412-0~Reference-PASS



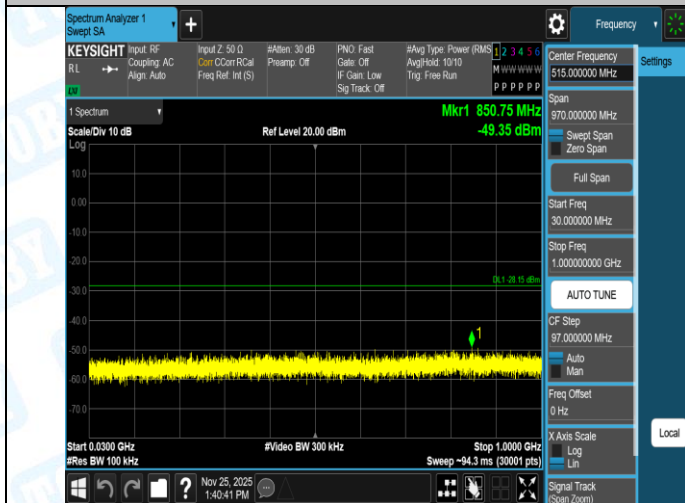
11N20SISO-Ant1-2412-30~1000-PASS



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



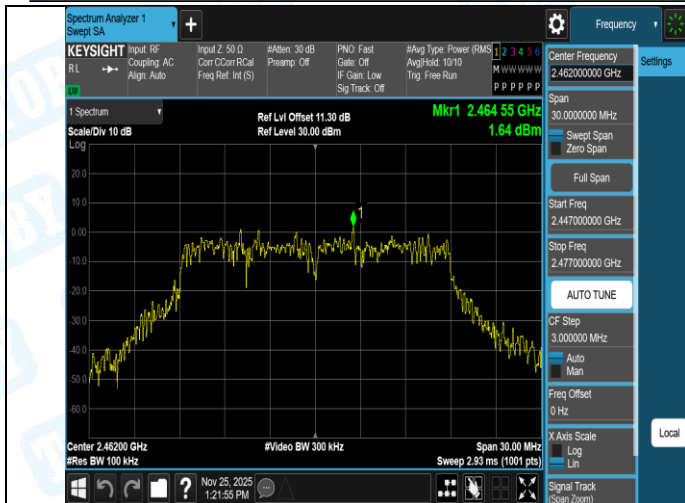
11N20SISO-Ant1-2437-0~Reference-PASS



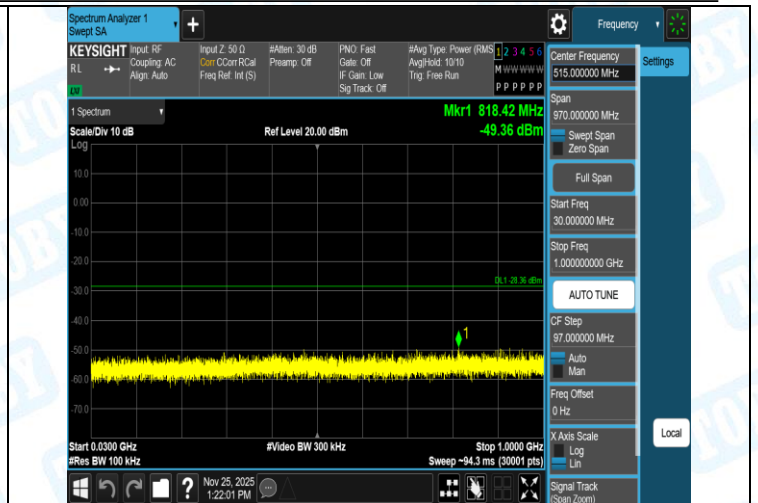
11N20SISO-Ant1-2437-30~1000-PASS



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



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



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



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

7: Duty Cycle

7.1 Test Result

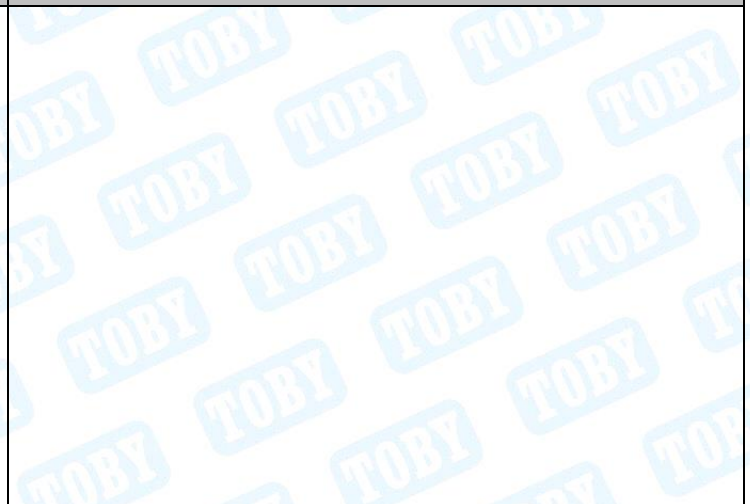
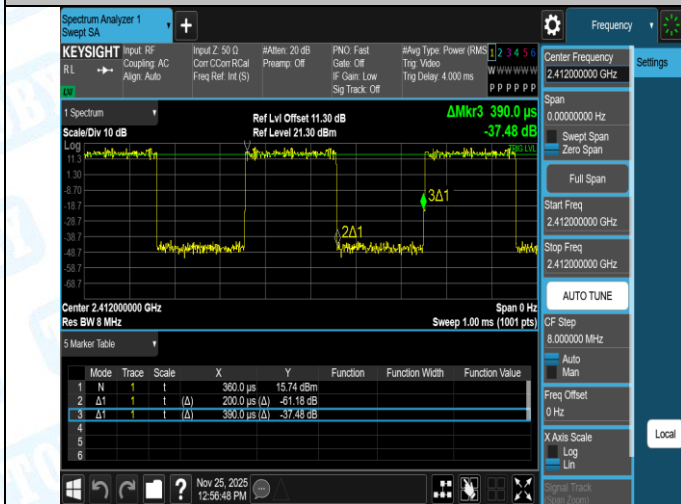
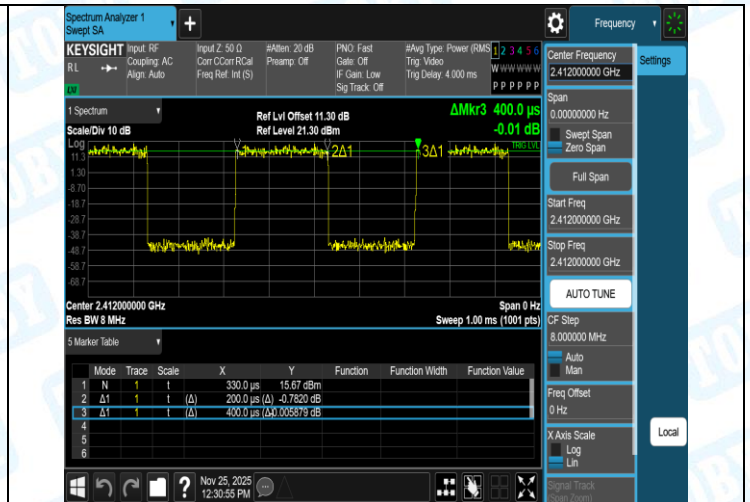
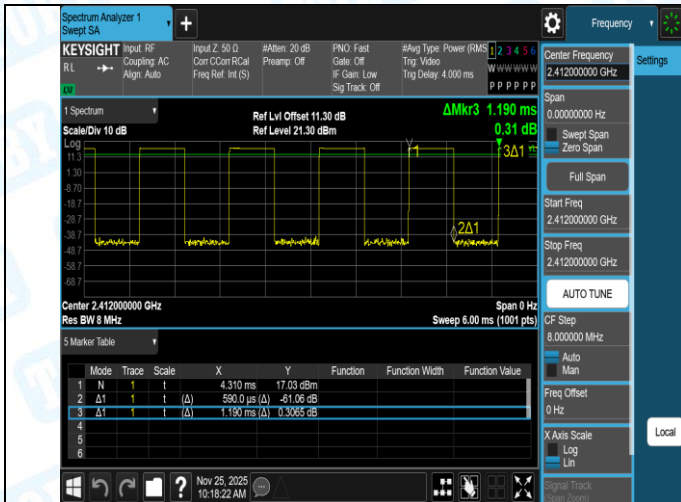
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	1/T [kHz]
11B	Ant1	2412	0.59	1.19	49.58	3.05	1.69
11G	Ant1	2412	0.20	0.40	50.00	3.01	5.00
11N20SISO	Ant1	2412	0.20	0.39	51.28	2.90	5.00

Note: 1, Duty Cycle= Transmission Duration/ Transmission Period

2, DC Factor= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

3, $1/T = 1/\text{Transmission Duration}$

7.2 Test Graphs



8: Emissions in Restricted Bands

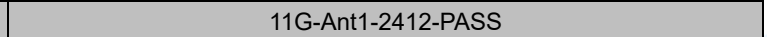
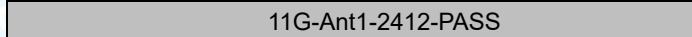
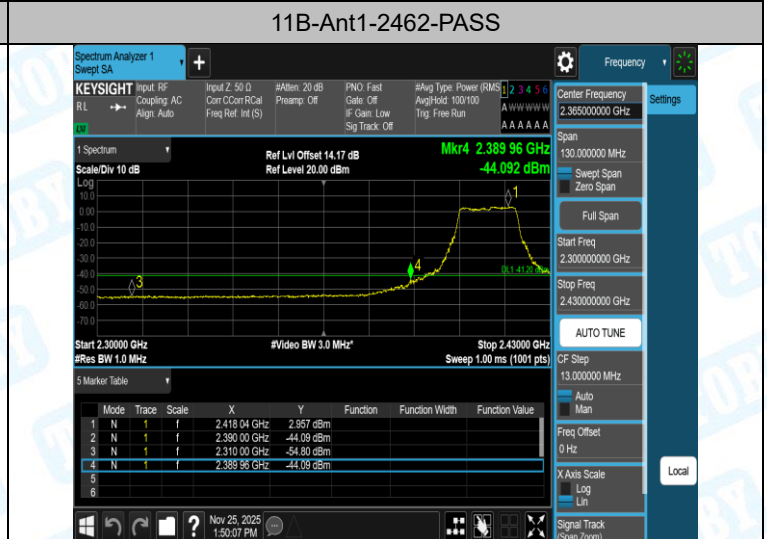
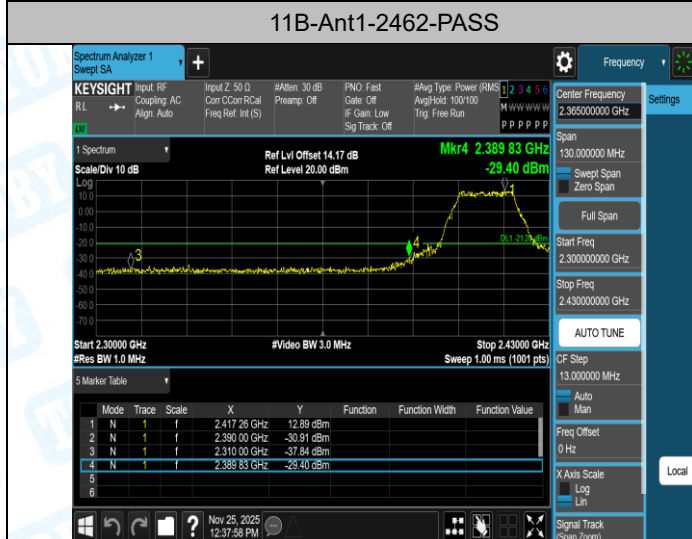
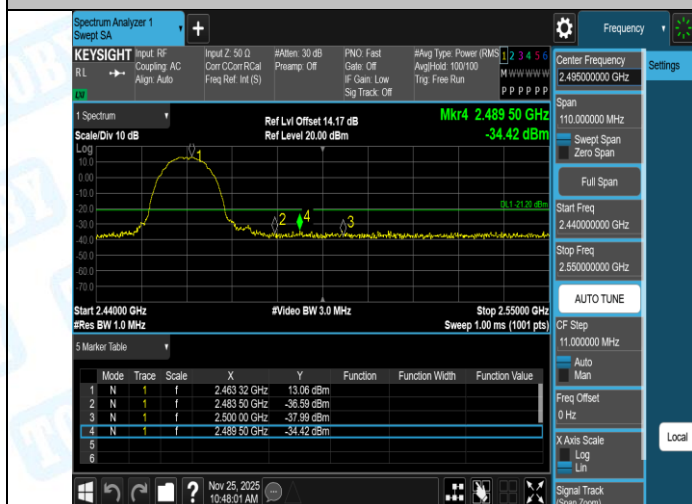
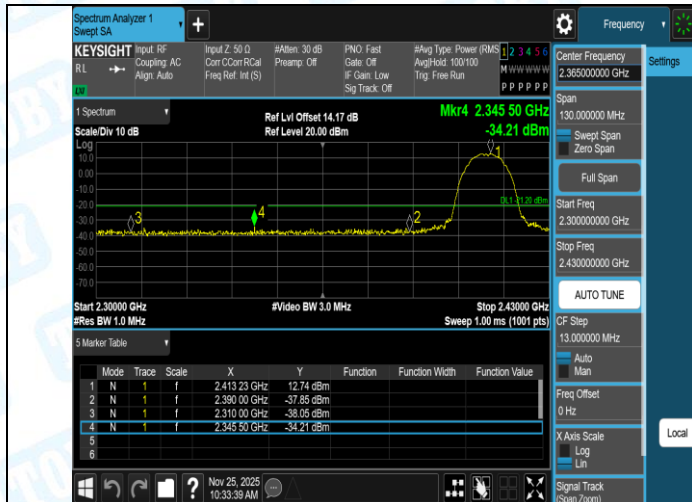
8.1 Test Result

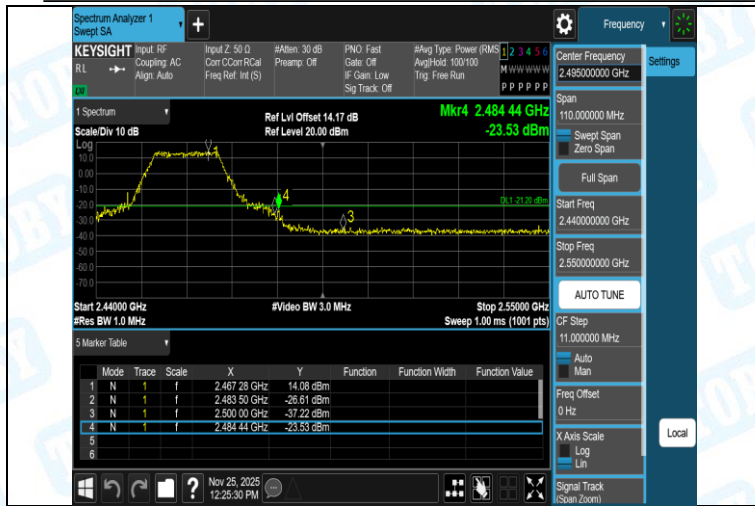
TestMode	Ant.	ChName	Freq. [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	Peak	2390.000	-37.85	≤-21.20	57.35	≤74	PASS
11B	Ant1	Low	2412	Peak	2310.000	-38.05	≤-21.20	57.15	≤74	PASS
11B	Ant1	Low	2412	Peak	2345.500	-34.21	≤-21.20	60.99	≤74	PASS
11B	Ant1	Low	2412	AV	2390.000	-53.53	≤-41.20	41.67	≤54	PASS
11B	Ant1	Low	2412	AV	2310.000	-54.95	≤-41.20	40.25	≤54	PASS
11B	Ant1	Low	2412	AV	2385.800	-51.23	≤-41.20	43.97	≤54	PASS
11B	Ant1	High	2462	Peak	2483.500	-36.59	≤-21.20	58.61	≤74	PASS
11B	Ant1	High	2462	Peak	2500.000	-37.99	≤-21.20	57.21	≤74	PASS
11B	Ant1	High	2462	Peak	2489.500	-34.42	≤-21.20	60.78	≤74	PASS
11B	Ant1	High	2462	AV	2483.500	-53.59	≤-41.20	41.61	≤54	PASS
11B	Ant1	High	2462	AV	2500.000	-51.83	≤-41.20	43.37	≤54	PASS
11B	Ant1	High	2462	AV	2488.840	-49.68	≤-41.20	45.52	≤54	PASS
11G	Ant1	Low	2412	Peak	2390.000	-30.91	≤-21.20	64.29	≤74	PASS
11G	Ant1	Low	2412	Peak	2310.000	-37.84	≤-21.20	57.36	≤74	PASS
11G	Ant1	Low	2412	Peak	2389.830	-29.4	≤-21.20	65.80	≤74	PASS
11G	Ant1	Low	2412	AV	2390.000	-44.09	≤-41.20	51.11	≤54	PASS
11G	Ant1	Low	2412	AV	2310.000	-54.8	≤-41.20	40.40	≤54	PASS
11G	Ant1	Low	2412	AV	2389.960	-44.09	≤-41.20	51.11	≤54	PASS
11G	Ant1	High	2462	Peak	2483.500	-26.61	≤-21.20	68.59	≤74	PASS
11G	Ant1	High	2462	Peak	2500.000	-37.22	≤-21.20	57.98	≤74	PASS
11G	Ant1	High	2462	Peak	2484.440	-23.53	≤-21.20	71.67	≤74	PASS
11G	Ant1	High	2462	AV	2483.500	-41.24	≤-41.20	53.96	≤54	PASS
11G	Ant1	High	2462	AV	2500.000	-52.95	≤-41.20	42.25	≤54	PASS
11G	Ant1	High	2462	AV	2483.670	-42.07	≤-41.20	53.13	≤54	PASS
11N20SISO	Ant1	Low	2412	Peak	2390.000	-33.56	≤-21.20	61.64	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2310.000	-37.02	≤-21.20	58.18	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2388.790	-32.55	≤-21.20	62.65	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2390.000	-48.33	≤-41.20	46.87	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-55.42	≤-41.20	39.78	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2389.830	-46.69	≤-41.20	48.51	≤54	PASS
11N20SISO	Ant1	High	2462	Peak	2483.500	-28.59	≤-21.20	66.61	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2500.000	-38.05	≤-21.20	57.15	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2484.110	-26.14	≤-21.20	69.06	≤74	PASS
11N20SISO	Ant1	High	2462	AV	2483.500	-43.36	≤-41.20	51.84	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2500.000	-52.61	≤-41.20	42.59	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2483.560	-43.2	≤-41.20	52.00	≤54	PASS

Note:

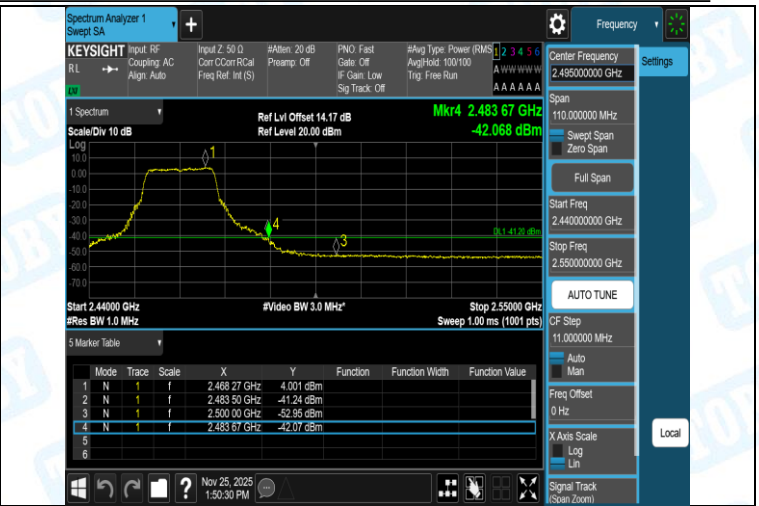
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a), The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

8.2 Test Graphs





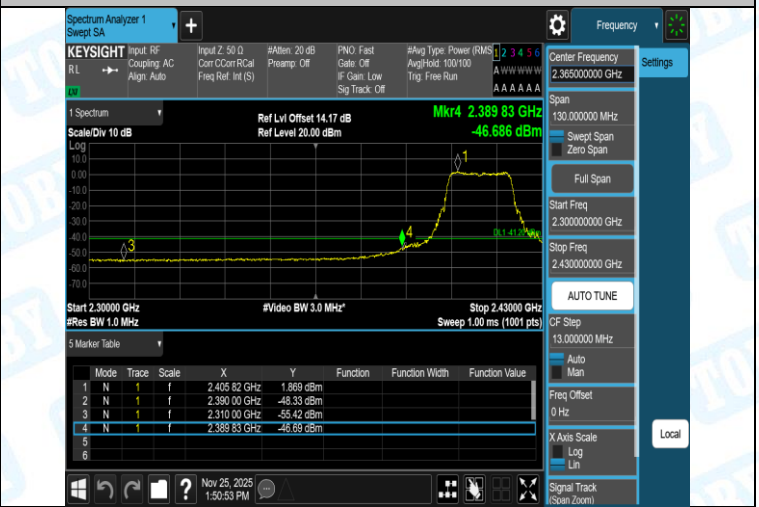
11G-Ant1-2462-PASS



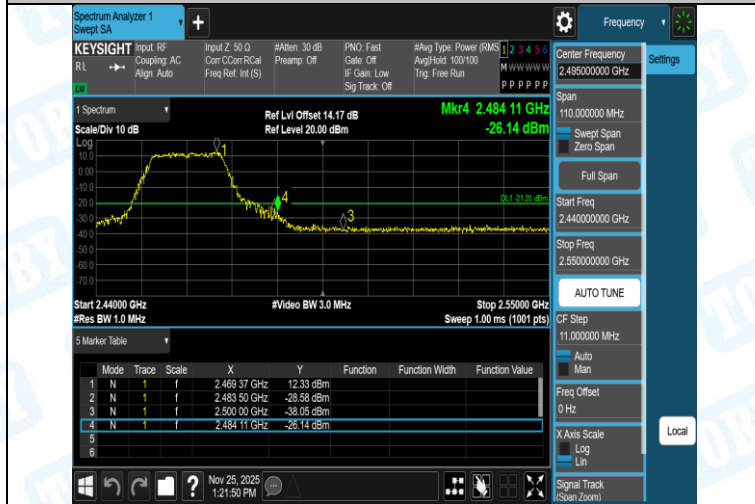
11G-Ant1-2462-PASS



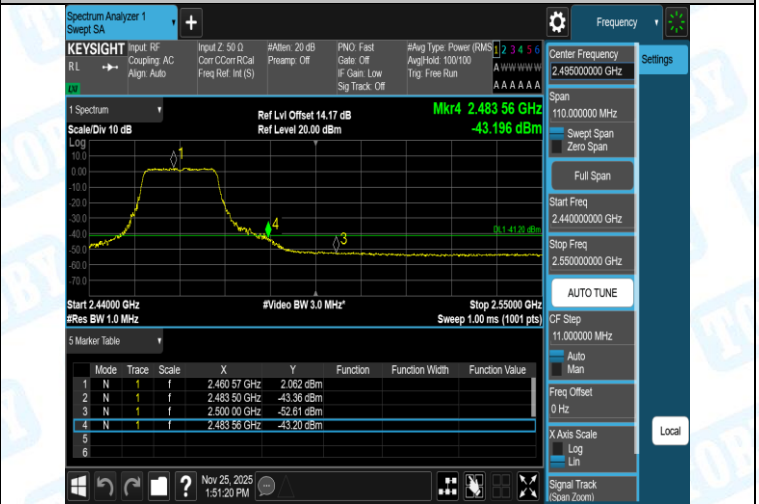
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant1-2462-PASS

-----END OF THE REPORT-----