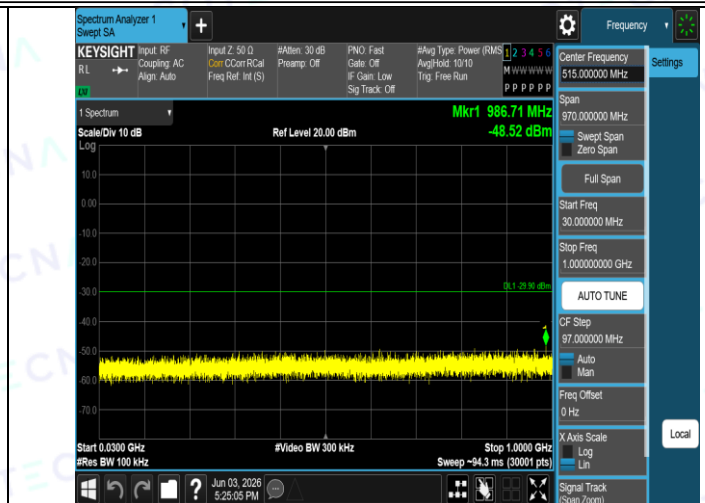




11G-Ant1-2437-0~Reference-PASS



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



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



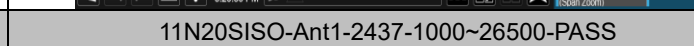
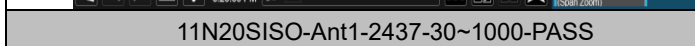
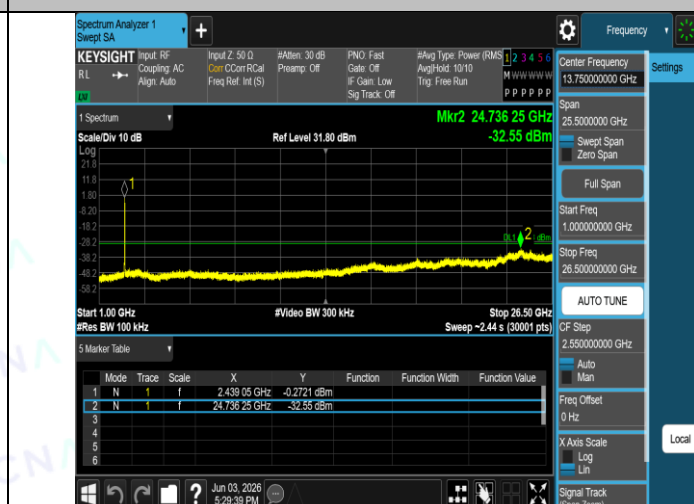
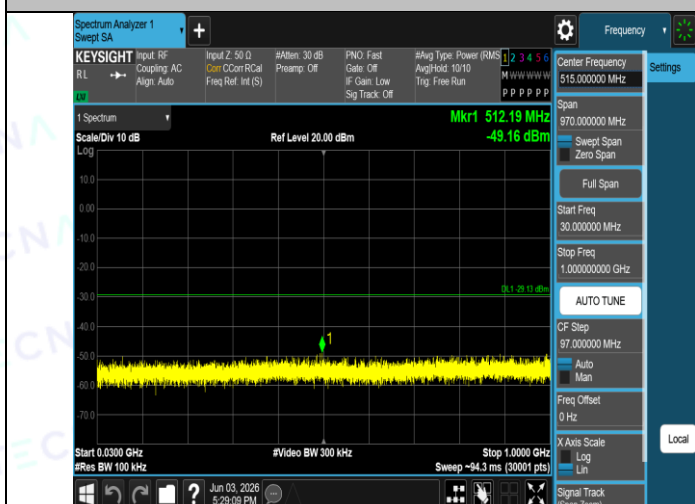
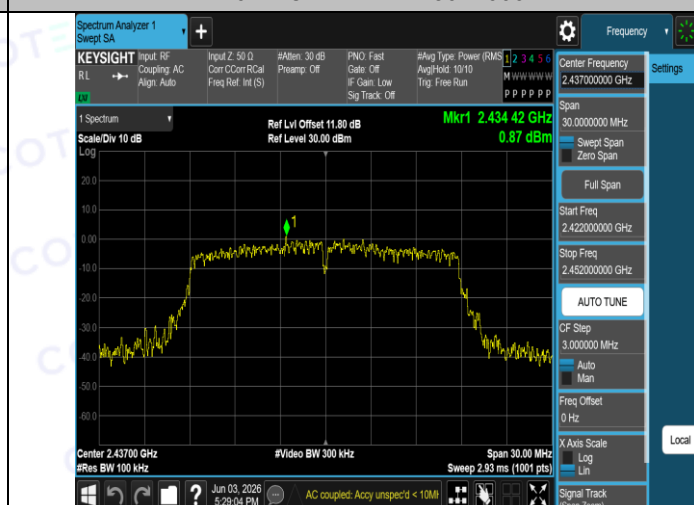
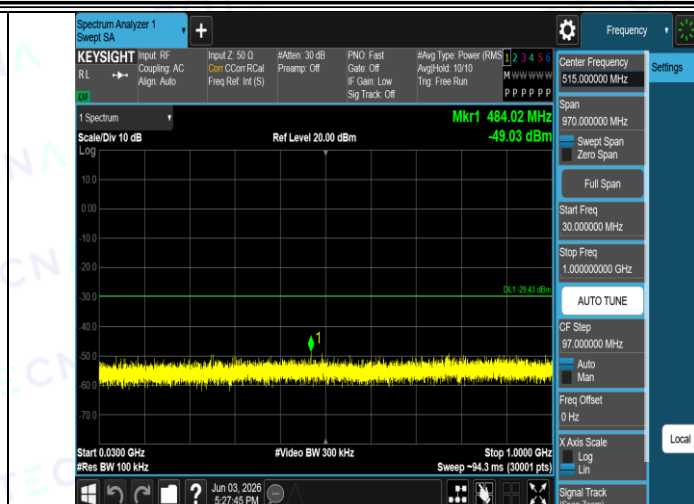
11G-Ant1-2462-0~Reference-PASS

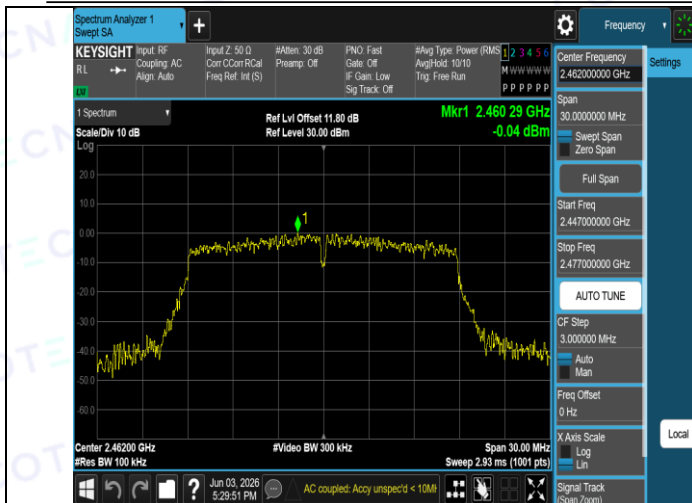


11G-Ant1-2462-30~1000-PASS

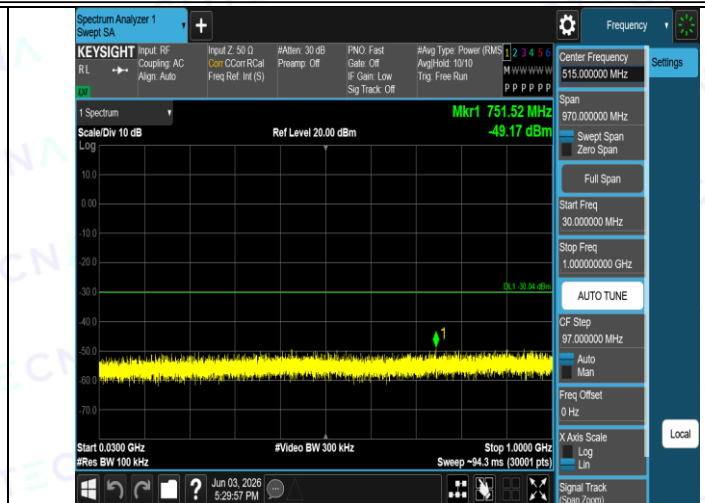


11G-Ant1-2462-1000~26500-PASS





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



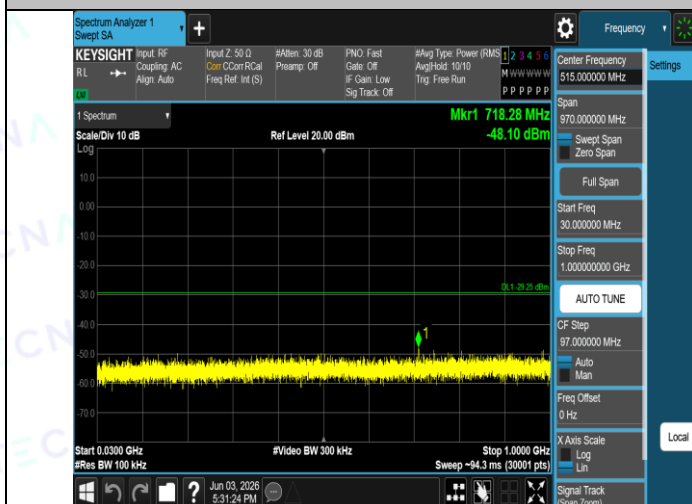
11N20SISO-Ant1-2462-30~1000-PASS



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



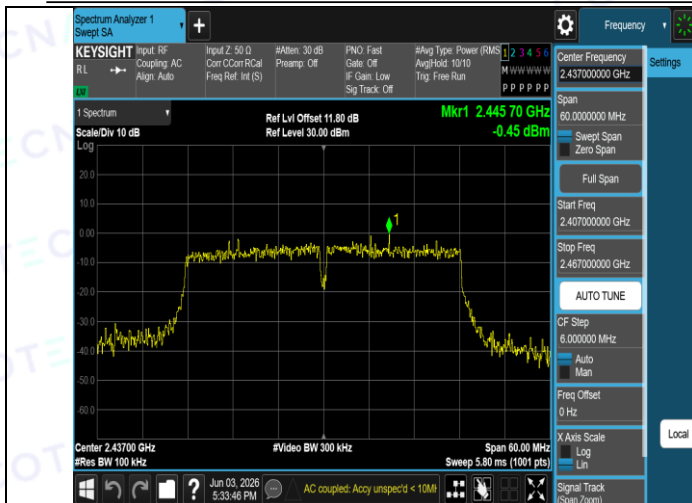
11N40SISO-Ant1-2422-0~Reference-PASS



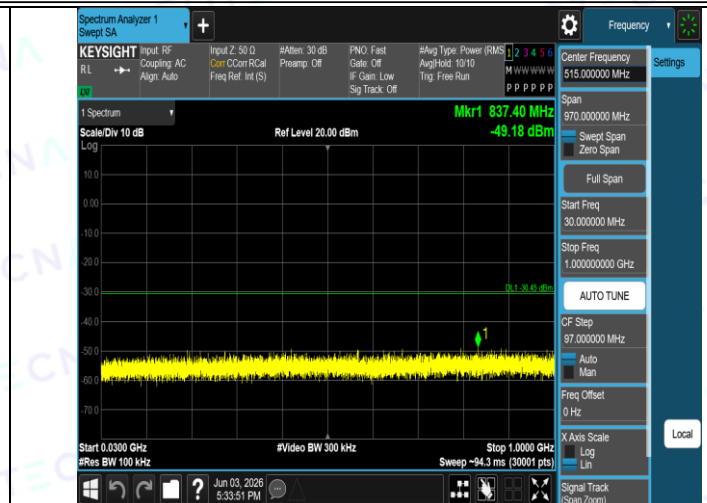
11N40SISO-Ant1-2422-30~1000-PASS



11N40SISO-Ant1-2422-1000~26500-PASS



11N40SISO-Ant1-2437-0~Reference-PASS



11N40SISO-Ant1-2437-30~1000-PASS



11N40SISO-Ant1-2437-1000~26500-PASS



11N40SISO-Ant1-2452-0~Reference-PASS



11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~26500-PASS

7: Duty Cycle

7.1 Test Result

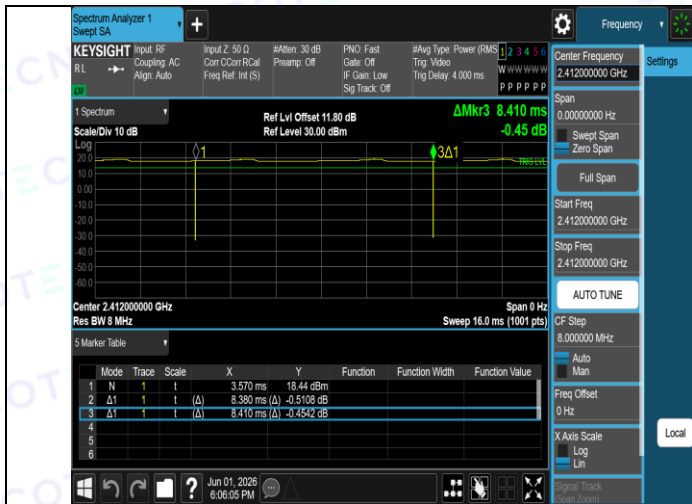
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	1/T [kHz]
11B	Ant1	2412	8.38	8.41	99.64	0.02	0.12
11B	Ant1	2437	8.39	8.42	99.64	0.02	0.12
11B	Ant1	2462	8.39	8.42	99.64	0.02	0.12
11G	Ant1	2412	1.40	1.43	97.90	0.09	0.71
11G	Ant1	2437	1.40	1.43	97.90	0.09	0.71
11G	Ant1	2462	1.39	1.43	97.20	0.12	0.72
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.13	0.77
11N20SISO	Ant1	2437	1.30	1.33	97.74	0.10	0.77
11N20SISO	Ant1	2462	1.30	1.33	97.74	0.10	0.77
11N40SISO	Ant1	2422	0.65	0.68	95.59	0.20	1.54
11N40SISO	Ant1	2437	0.65	0.69	94.20	0.26	1.54
11N40SISO	Ant1	2452	0.65	0.68	95.59	0.20	1.54

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

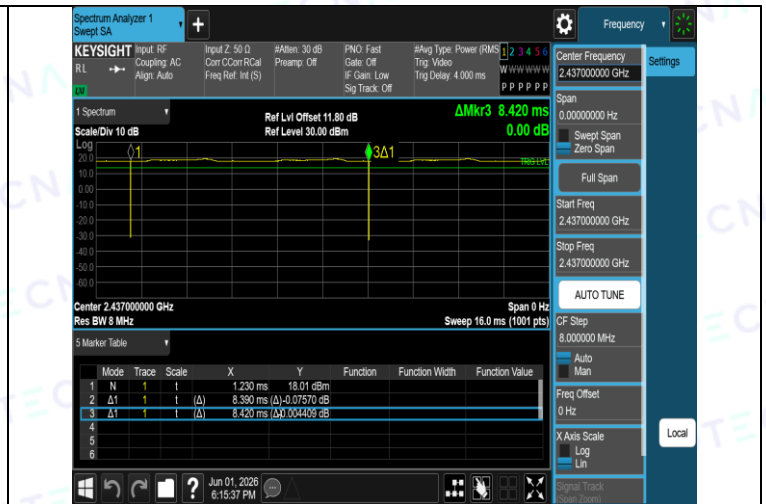
2, DC Factor= $10 \cdot \log_{10}(1/\text{Duty Cycle})$

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

7.2 Test Graphs



NTNV-11B-Ant1-2412



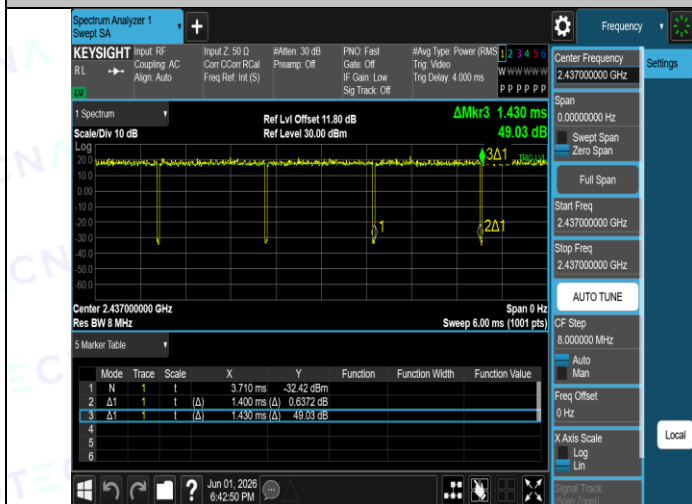
NTNV-11B-Ant1-2437



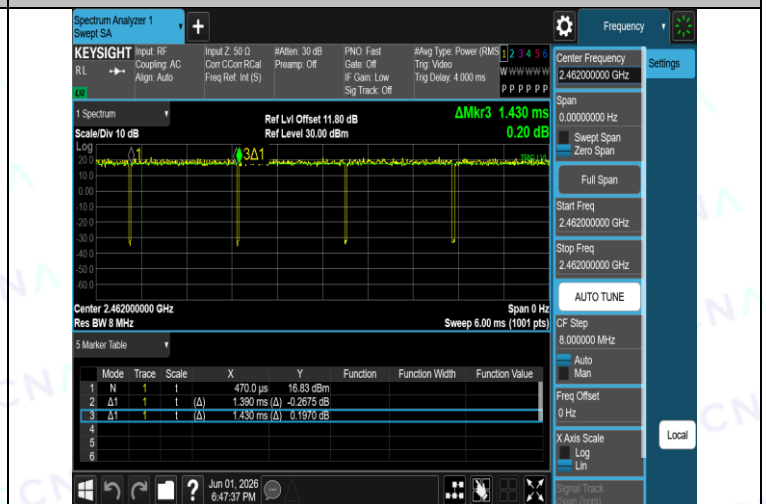
NTNV-11B-Ant1-2462



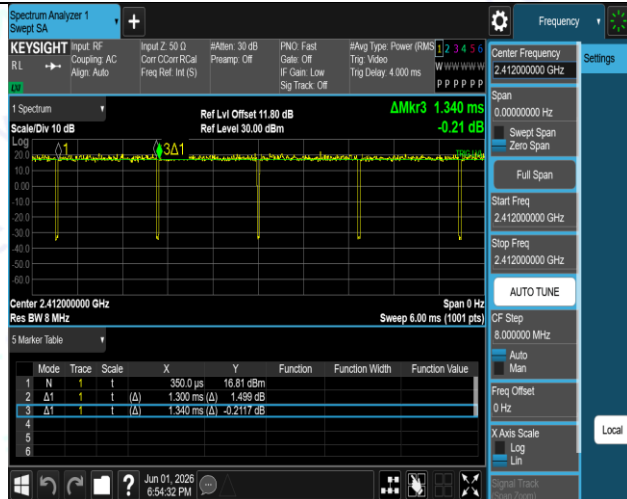
NTNV-11G-Ant1-2412



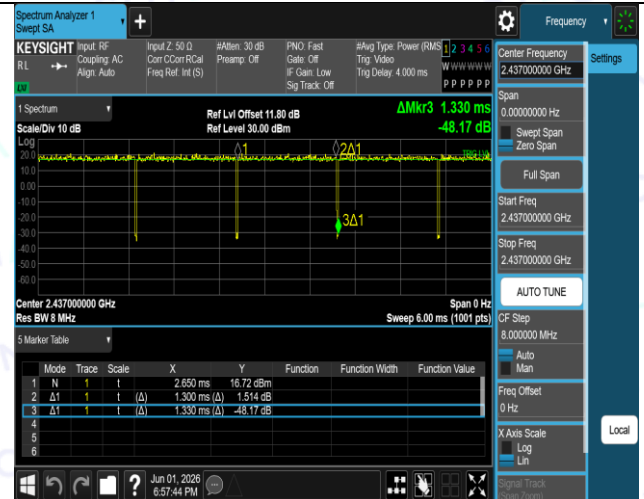
NTNV-11G-Ant1-2437



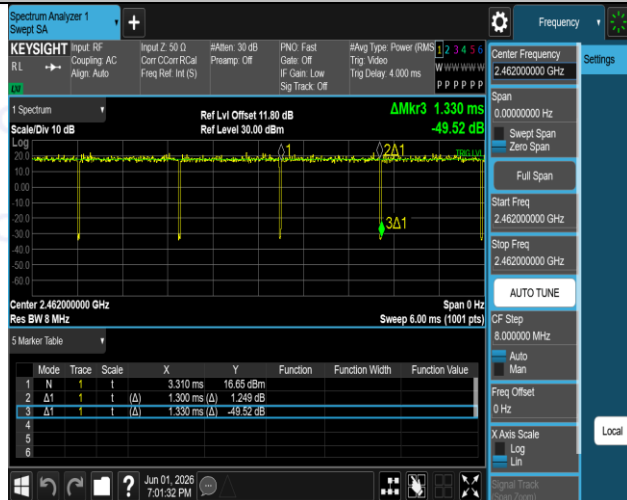
NTNV-11G-Ant1-2462



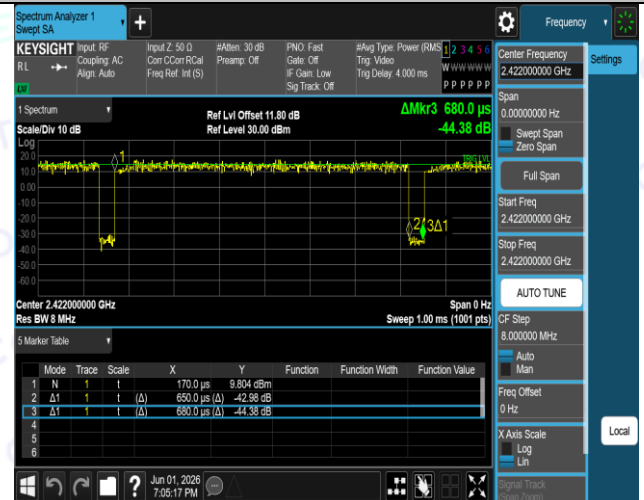
NTNV-11N20SISO-Ant1-2412



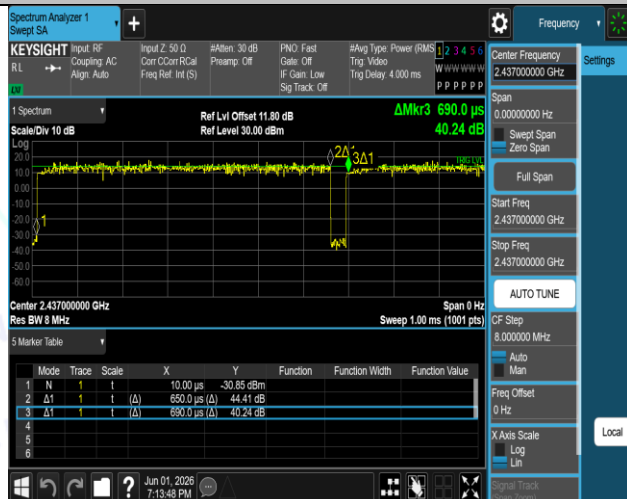
NTNV-11N20SISO-Ant1-2437



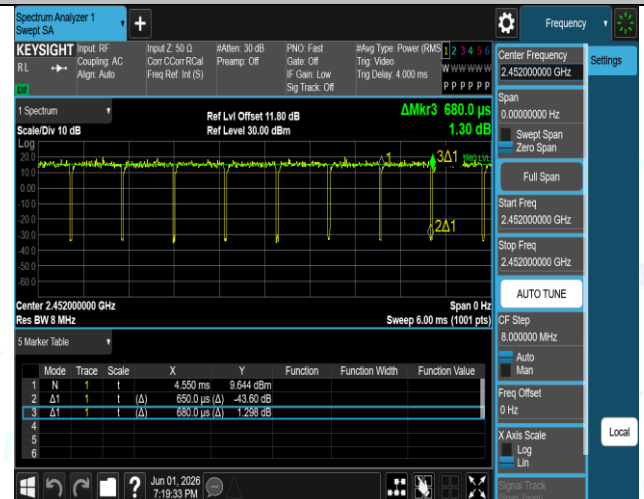
NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437



NTNV-11N40SISO-Ant1-2452

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	-35.04	≤-21.20	60.16	≤74	PASS
11B	Ant1	Low	2412	Peak	2310.000	-39.45	≤-21.20	55.75	≤74	PASS
11B	Ant1	Low	2412	Peak	2357.720	-31.63	≤-21.20	63.57	≤74	PASS
11B	Ant1	Low	2412	AV	2390.000	-44.97	≤-41.20	50.23	≤54	PASS
11B	Ant1	Low	2412	AV	2310.000	-51.93	≤-41.20	43.27	≤54	PASS
11B	Ant1	Low	2412	AV	2382.810	-44.71	≤-41.20	50.49	≤54	PASS
11B	Ant1	High	2462	Peak	2483.500	-40.68	≤-21.20	54.52	≤74	PASS
11B	Ant1	High	2462	Peak	2500.000	-41	≤-21.20	54.20	≤74	PASS
11B	Ant1	High	2462	Peak	2487.740	-36.69	≤-21.20	58.51	≤74	PASS
11B	Ant1	High	2462	AV	2483.500	-50.48	≤-41.20	44.72	≤54	PASS
11B	Ant1	High	2462	AV	2500.000	-51.53	≤-41.20	43.67	≤54	PASS
11B	Ant1	High	2462	AV	2492.140	-46.87	≤-41.20	48.33	≤54	PASS
11G	Ant1	Low	2412	Peak	2390.000	-30.64	≤-21.20	64.56	≤74	PASS
11G	Ant1	Low	2412	Peak	2310.000	-39.31	≤-21.20	55.89	≤74	PASS
11G	Ant1	Low	2412	Peak	2369.420	-23.31	≤-21.20	71.89	≤74	PASS
11G	Ant1	Low	2412	AV	2390.000	-44.07	≤-41.20	51.13	≤54	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.97	≤-41.20	46.23	≤54	PASS
11G	Ant1	Low	2412	AV	2384.110	-42.9	≤-41.20	52.30	≤54	PASS
11G	Ant1	High	2462	Peak	2483.500	-37.45	≤-21.20	57.75	≤74	PASS
11G	Ant1	High	2462	Peak	2500.000	-38.49	≤-21.20	56.71	≤74	PASS
11G	Ant1	High	2462	Peak	2492.140	-28.47	≤-21.20	66.73	≤74	PASS
11G	Ant1	High	2462	AV	2483.500	-46.24	≤-41.20	48.96	≤54	PASS
11G	Ant1	High	2462	AV	2500.000	-47.04	≤-41.20	48.16	≤54	PASS
11G	Ant1	High	2462	AV	2485.100	-45.72	≤-41.20	49.48	≤54	PASS
11N20SISO	Ant1	Low	2412	Peak	2390.000	-33.33	≤-21.20	61.87	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2310.000	-33.9	≤-21.20	61.30	≤74	PASS
11N20SISO	Ant1	Low	2412	Peak	2352.780	-26.1	≤-21.20	69.10	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2390.000	-43.59	≤-41.20	51.61	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-49.44	≤-41.20	45.76	≤54	PASS
11N20SISO	Ant1	Low	2412	AV	2387.750	-42.84	≤-41.20	52.36	≤54	PASS
11N20SISO	Ant1	High	2462	Peak	2483.500	-36.78	≤-21.20	58.42	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2500.000	-38.43	≤-21.20	56.77	≤74	PASS
11N20SISO	Ant1	High	2462	Peak	2485.320	-34.22	≤-21.20	60.98	≤74	PASS
11N20SISO	Ant1	High	2462	AV	2483.500	-45.63	≤-41.20	49.57	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2500.000	-48.15	≤-41.20	47.05	≤54	PASS
11N20SISO	Ant1	High	2462	AV	2484.550	-45.62	≤-41.20	49.58	≤54	PASS
11N40SISO	Ant1	Low	2422	Peak	2390.000	-31.47	≤-21.20	63.73	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2310.000	-30.8	≤-21.20	64.40	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2379.500	-26.1	≤-21.20	69.10	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2390.000	-42.49	≤-41.20	52.71	≤54	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-46.22	≤-41.20	48.98	≤54	PASS

11N40SISO	Ant1	Low	2422	AV	2378.150	-41.59	≤-41.20	53.61	≤54	PASS
11N40SISO	Ant1	High	2452	Peak	2483.500	-35.27	≤-21.20	59.93	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2500.000	-38.04	≤-21.20	57.16	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2486.000	-26.78	≤-21.20	68.42	≤74	PASS
11N40SISO	Ant1	High	2452	AV	2483.500	-45.82	≤-41.20	49.38	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2500.000	-47.78	≤-41.20	47.42	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2487.875	-45.1	≤-41.20	50.10	≤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



11B-Ant1-2412-PASS



11B-Ant1-2412-PASS



11B-Ant1-2462-PASS



11B-Ant1-2462-PASS



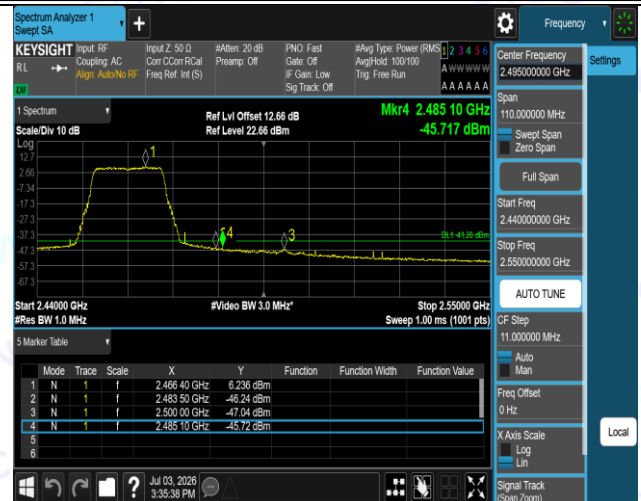
11G-Ant1-2412-PASS



11G-Ant1-2412-PASS



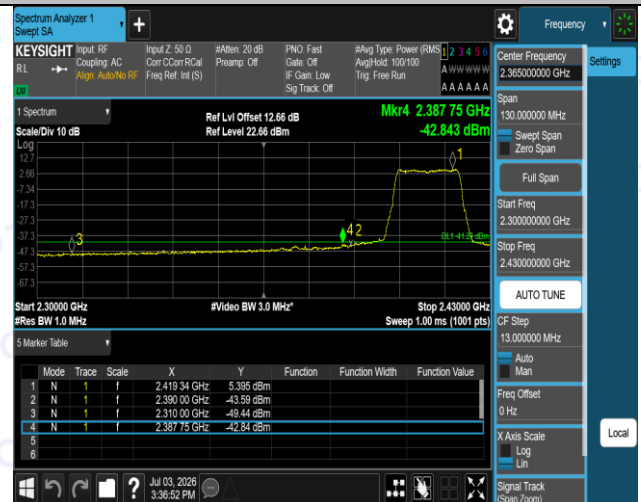
11G-Ant1-2462-PASS



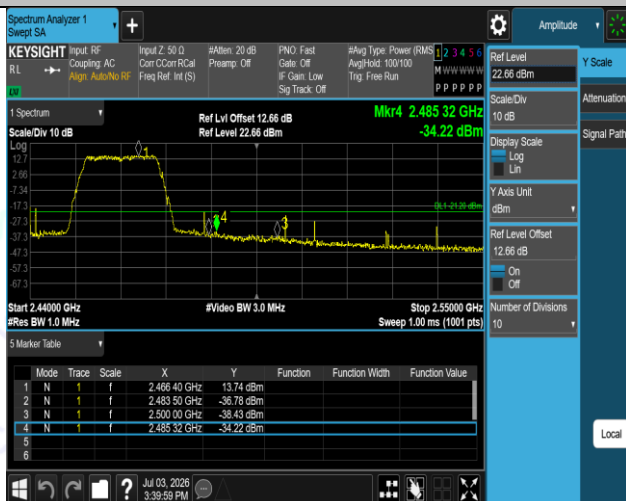
11G-Ant1-2462-PASS



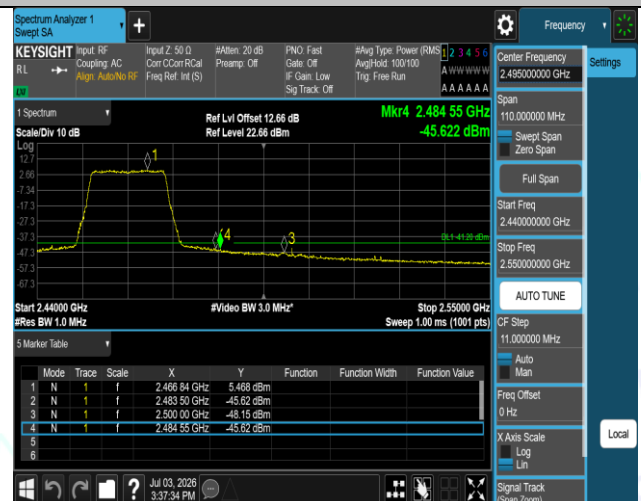
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2462-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



11N40SISO-Ant1-2452-PASS

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