

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N48	30	20	DFT-PI2BPSK	L	Outer_Full	19.72	16.07	23	PASS
N48	30	20	DFT-PI2BPSK	L	Inner_Full	20.14	16.49	23	PASS
N48	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	19.64	15.99	23	PASS
N48	30	20	DFT-PI2BPSK	L	Edge_1RB_Right	19.59	15.94	23	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	19.19	15.54	23	PASS
N48	30	20	DFT-QPSK	L	Inner_Full	20.17	16.52	23	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Left	19.18	15.53	23	PASS
N48	30	20	DFT-QPSK	L	Edge_1RB_Right	19.20	15.55	23	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	17.95	14.30	23	PASS
N48	30	20	DFT-16QAM	L	Inner_Full	18.94	15.29	23	PASS
N48	30	20	DFT-16QAM	L	Edge_1RB_Left	17.86	14.21	23	PASS
N48	30	20	DFT-16QAM	L	Edge_1RB_Right	18.23	14.58	23	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	17.55	13.90	23	PASS
N48	30	20	DFT-64QAM	L	Inner_Full	17.46	13.81	23	PASS
N48	30	20	DFT-64QAM	L	Edge_1RB_Left	17.09	13.44	23	PASS
N48	30	20	DFT-64QAM	L	Edge_1RB_Right	17.48	13.83	23	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	15.44	11.79	23	PASS
N48	30	20	DFT-256QAM	L	Inner_Full	15.52	11.87	23	PASS
N48	30	20	DFT-256QAM	L	Edge_1RB_Left	15.32	11.67	23	PASS
N48	30	20	DFT-256QAM	L	Edge_1RB_Right	15.50	11.85	23	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	20.11	16.46	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_Full	20.45	16.80	23	PASS
N48	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	19.94	16.29	23	PASS
N48	30	20	DFT-PI2BPSK	M	Edge_1RB_Right	19.87	16.22	23	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	19.49	15.84	23	PASS
N48	30	20	DFT-QPSK	M	Inner_Full	20.57	16.92	23	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Left	19.69	16.04	23	PASS
N48	30	20	DFT-QPSK	M	Edge_1RB_Right	19.38	15.73	23	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	18.39	14.74	23	PASS
N48	30	20	DFT-16QAM	M	Inner_Full	19.41	15.76	23	PASS
N48	30	20	DFT-16QAM	M	Edge_1RB_Left	18.60	14.95	23	PASS
N48	30	20	DFT-16QAM	M	Edge_1RB_Right	18.27	14.62	23	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.95	14.30	23	PASS
N48	30	20	DFT-64QAM	M	Inner_Full	17.86	14.21	23	PASS
N48	30	20	DFT-64QAM	M	Edge_1RB_Left	18.04	14.39	23	PASS
N48	30	20	DFT-64QAM	M	Edge_1RB_Right	17.69	14.04	23	PASS

N48	30	20	DFT-256QAM	M	Outer_Full	15.95	12.30	23	PASS
N48	30	20	DFT-256QAM	M	Inner_Full	15.93	12.28	23	PASS
N48	30	20	DFT-256QAM	M	Edge_1RB_Left	15.95	12.30	23	PASS
N48	30	20	DFT-256QAM	M	Edge_1RB_Right	15.67	12.02	23	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	19.65	16.00	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_Full	19.99	16.34	23	PASS
N48	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	19.72	16.07	23	PASS
N48	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	19.71	16.06	23	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	19.12	15.47	23	PASS
N48	30	20	DFT-QPSK	H	Inner_Full	19.97	16.32	23	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Left	19.04	15.39	23	PASS
N48	30	20	DFT-QPSK	H	Edge_1RB_Right	19.00	15.35	23	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	17.80	14.15	23	PASS
N48	30	20	DFT-16QAM	H	Inner_Full	18.97	15.32	23	PASS
N48	30	20	DFT-16QAM	H	Edge_1RB_Left	17.77	14.12	23	PASS
N48	30	20	DFT-16QAM	H	Edge_1RB_Right	18.06	14.41	23	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	17.50	13.85	23	PASS
N48	30	20	DFT-64QAM	H	Inner_Full	17.53	13.88	23	PASS
N48	30	20	DFT-64QAM	H	Edge_1RB_Left	17.62	13.97	23	PASS
N48	30	20	DFT-64QAM	H	Edge_1RB_Right	17.55	13.90	23	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	15.43	11.78	23	PASS
N48	30	20	DFT-256QAM	H	Inner_Full	15.35	11.70	23	PASS
N48	30	20	DFT-256QAM	H	Edge_1RB_Left	15.39	11.74	23	PASS
N48	30	20	DFT-256QAM	H	Edge_1RB_Right	15.39	11.74	23	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	19.85	16.20	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_Full	20.30	16.65	23	PASS
N48	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	19.92	16.27	23	PASS
N48	30	40	DFT-PI2BPSK	L	Edge_1RB_Right	20.13	16.48	23	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	19.27	15.62	23	PASS
N48	30	40	DFT-QPSK	L	Inner_Full	20.23	16.58	23	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Left	19.34	15.69	23	PASS
N48	30	40	DFT-QPSK	L	Edge_1RB_Right	19.57	15.92	23	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	18.04	14.39	23	PASS
N48	30	40	DFT-16QAM	L	Inner_Full	18.98	15.33	23	PASS
N48	30	40	DFT-16QAM	L	Edge_1RB_Left	18.17	14.52	23	PASS
N48	30	40	DFT-16QAM	L	Edge_1RB_Right	18.17	14.52	23	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	17.57	13.92	23	PASS
N48	30	40	DFT-64QAM	L	Inner_Full	17.55	13.90	23	PASS
N48	30	40	DFT-64QAM	L	Edge_1RB_Left	17.89	14.24	23	PASS
N48	30	40	DFT-64QAM	L	Edge_1RB_Right	18.10	14.45	23	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	15.61	11.96	23	PASS
N48	30	40	DFT-256QAM	L	Inner_Full	15.66	12.01	23	PASS
N48	30	40	DFT-256QAM	L	Edge_1RB_Left	15.70	12.05	23	PASS

N48	30	40	DFT-256QAM	L	Edge_1RB_Right	15.89	12.24	23	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	20.04	16.39	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_Full	20.56	16.91	23	PASS
N48	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	19.94	16.29	23	PASS
N48	30	40	DFT-PI2BPSK	M	Edge_1RB_Right	19.85	16.20	23	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	19.67	16.02	23	PASS
N48	30	40	DFT-QPSK	M	Inner_Full	20.53	16.88	23	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Left	19.61	15.96	23	PASS
N48	30	40	DFT-QPSK	M	Edge_1RB_Right	19.50	15.85	23	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	18.48	14.83	23	PASS
N48	30	40	DFT-16QAM	M	Inner_Full	19.60	15.95	23	PASS
N48	30	40	DFT-16QAM	M	Edge_1RB_Left	18.63	14.98	23	PASS
N48	30	40	DFT-16QAM	M	Edge_1RB_Right	18.72	15.07	23	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	18.06	14.41	23	PASS
N48	30	40	DFT-64QAM	M	Inner_Full	18.02	14.37	23	PASS
N48	30	40	DFT-64QAM	M	Edge_1RB_Left	17.85	14.20	23	PASS
N48	30	40	DFT-64QAM	M	Edge_1RB_Right	17.60	13.95	23	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	15.97	12.32	23	PASS
N48	30	40	DFT-256QAM	M	Inner_Full	15.90	12.25	23	PASS
N48	30	40	DFT-256QAM	M	Edge_1RB_Left	16.14	12.49	23	PASS
N48	30	40	DFT-256QAM	M	Edge_1RB_Right	16.29	12.64	23	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	19.76	16.11	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_Full	20.12	16.47	23	PASS
N48	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	20.02	16.37	23	PASS
N48	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	19.85	16.20	23	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	19.21	15.56	23	PASS
N48	30	40	DFT-QPSK	H	Inner_Full	20.16	16.51	23	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Left	19.47	15.82	23	PASS
N48	30	40	DFT-QPSK	H	Edge_1RB_Right	19.23	15.58	23	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	18.21	14.56	23	PASS
N48	30	40	DFT-16QAM	H	Inner_Full	19.00	15.35	23	PASS
N48	30	40	DFT-16QAM	H	Edge_1RB_Left	18.05	14.40	23	PASS
N48	30	40	DFT-16QAM	H	Edge_1RB_Right	17.98	14.33	23	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	17.66	14.01	23	PASS
N48	30	40	DFT-64QAM	H	Inner_Full	17.37	13.72	23	PASS
N48	30	40	DFT-64QAM	H	Edge_1RB_Left	18.13	14.48	23	PASS
N48	30	40	DFT-64QAM	H	Edge_1RB_Right	17.76	14.11	23	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	15.78	12.13	23	PASS
N48	30	40	DFT-256QAM	H	Inner_Full	15.54	11.89	23	PASS
N48	30	40	DFT-256QAM	H	Edge_1RB_Left	15.57	11.92	23	PASS
N48	30	40	DFT-256QAM	H	Edge_1RB_Right	16.04	12.39	23	PASS

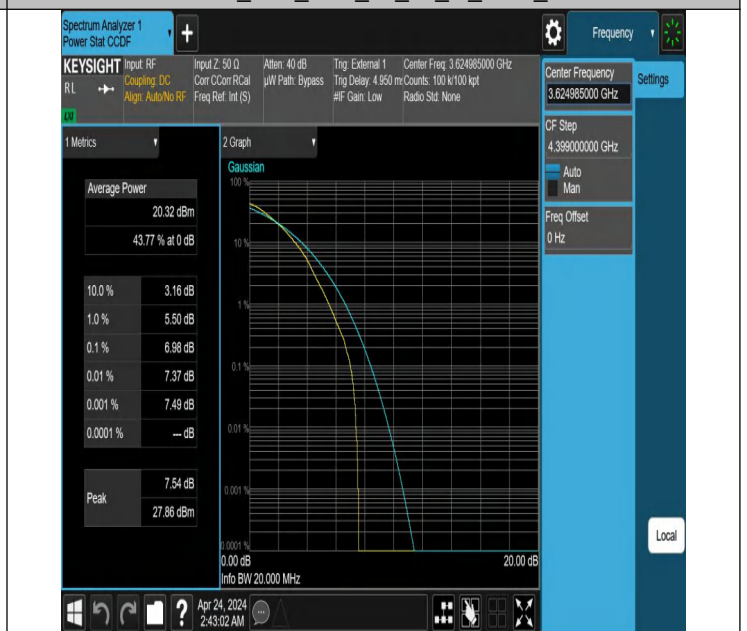
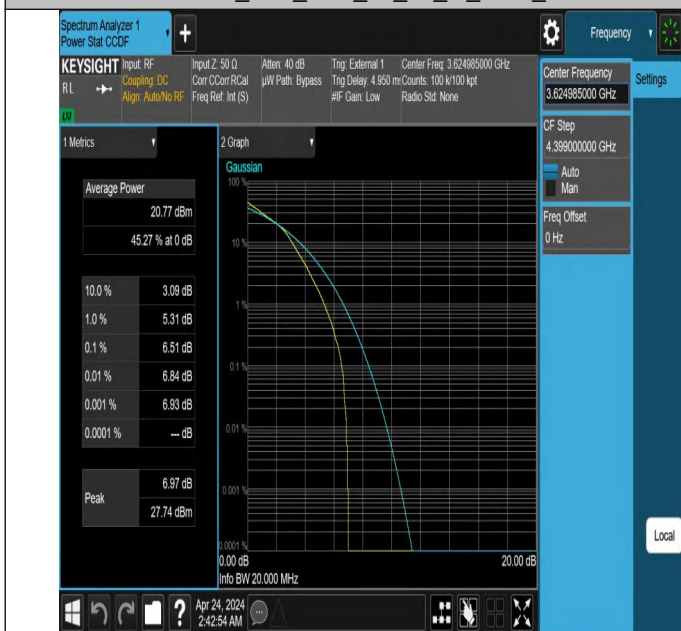
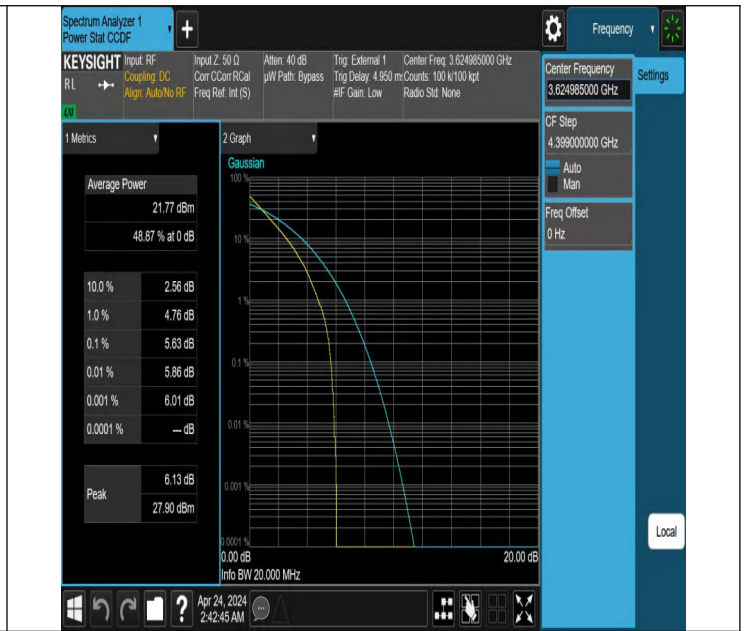
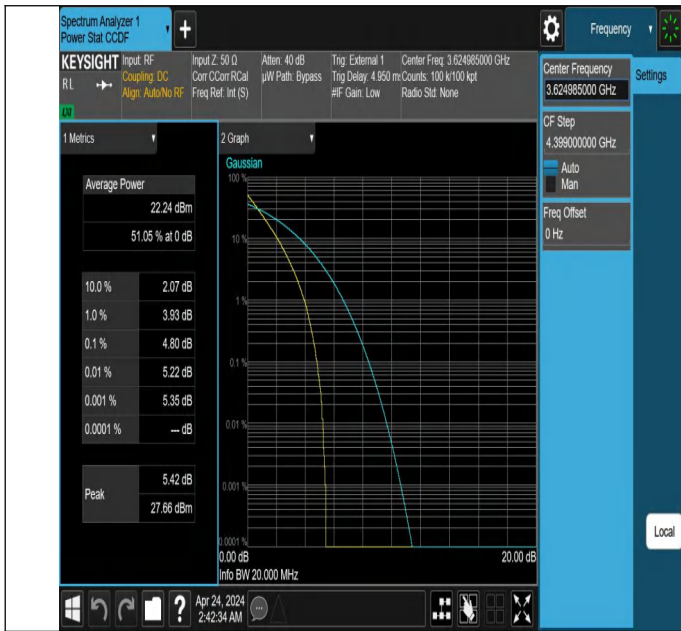
Peak-to-Average Ratio for SA

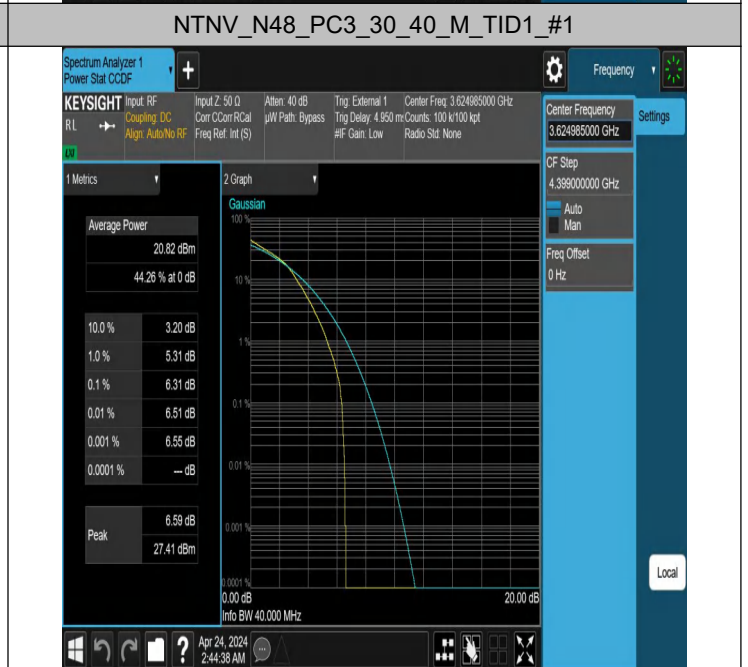
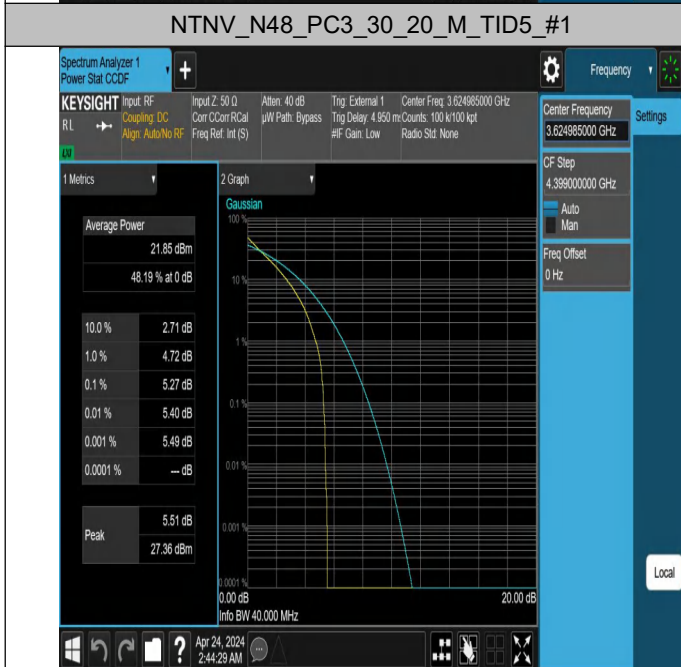
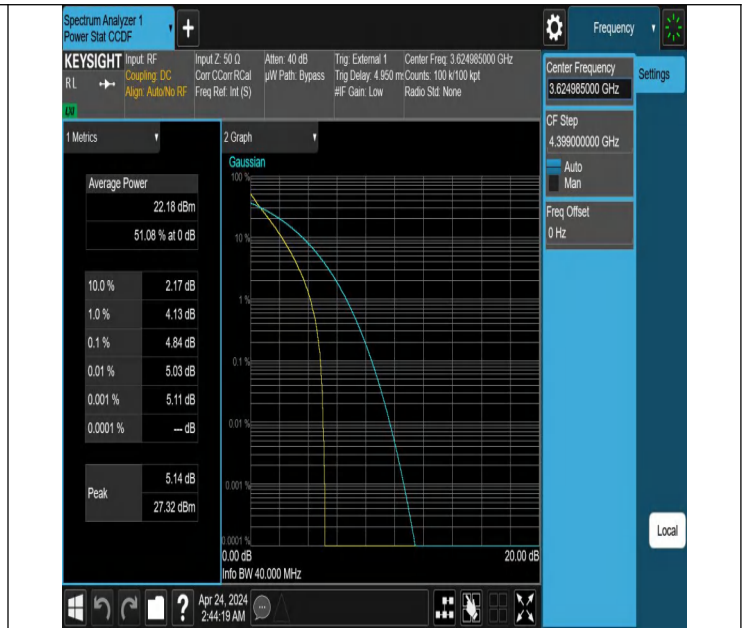
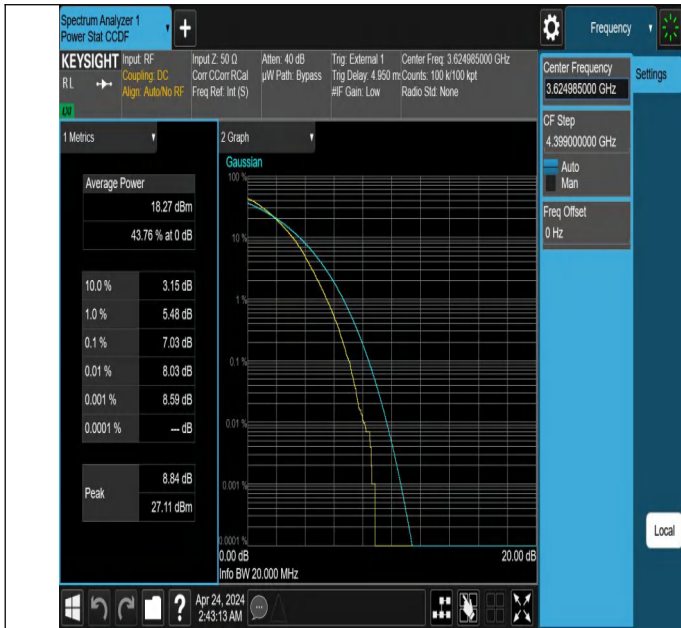
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	20	DFT-PI2BPSK	M	Outer_Full	4.80	≤13	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	5.63	≤13	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	6.51	≤13	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	6.98	≤13	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	7.03	≤13	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	4.84	≤13	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	5.27	≤13	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	6.31	≤13	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	6.74	≤13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	6.91	≤13	PASS

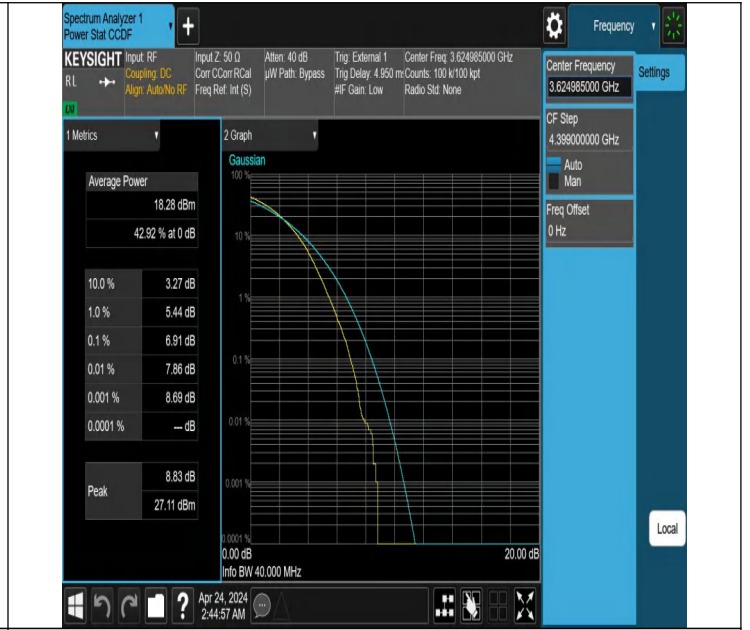
Test Graphs







NTNV_N48_PC3_30_40_M_TID4_#1



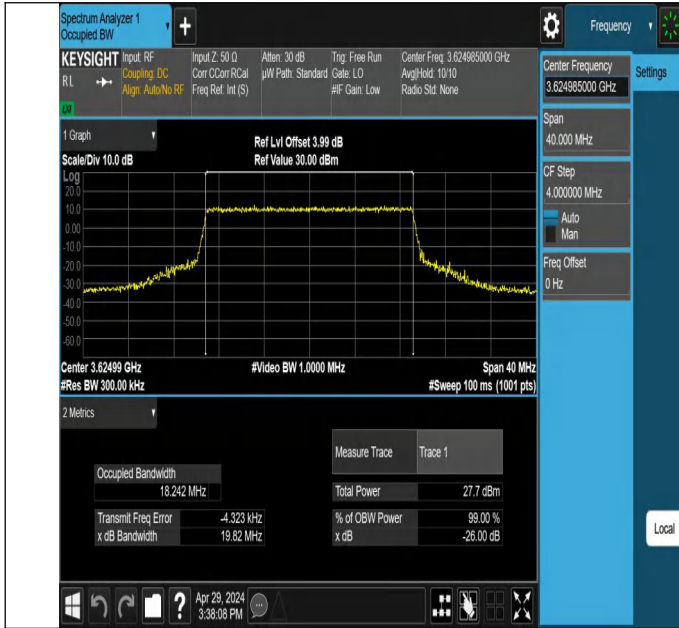
NTNV_N48_PC3_30_40_M_TID5_#1

26dB Bandwidth and Occupied Bandwidth for SA

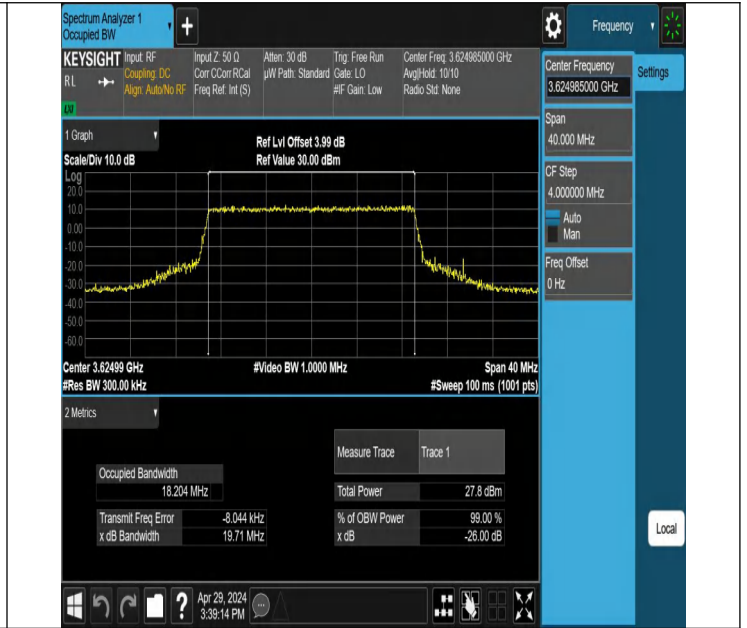
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	20	CP-QPSK	M	Outer_Full	18.242	19.82	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.204	19.71	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.240	19.58	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.234	19.78	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.827	39.87	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.854	39.83	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.822	39.89	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.799	39.92	PASS

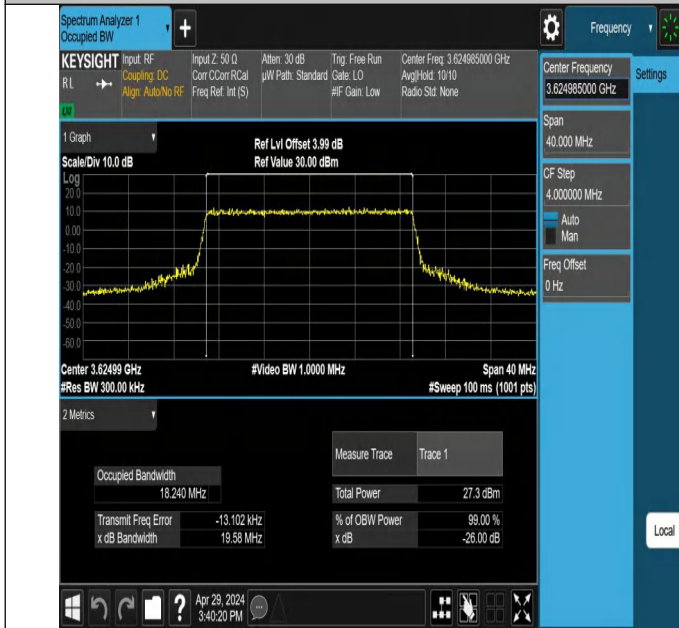
Test Graphs



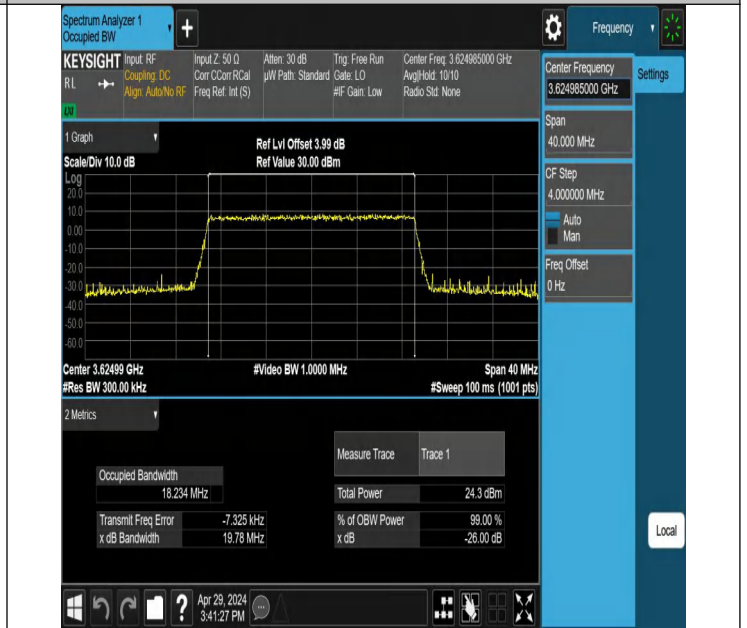
NTNV_N48_PC3_30_20_M_TID6_Ant1#1



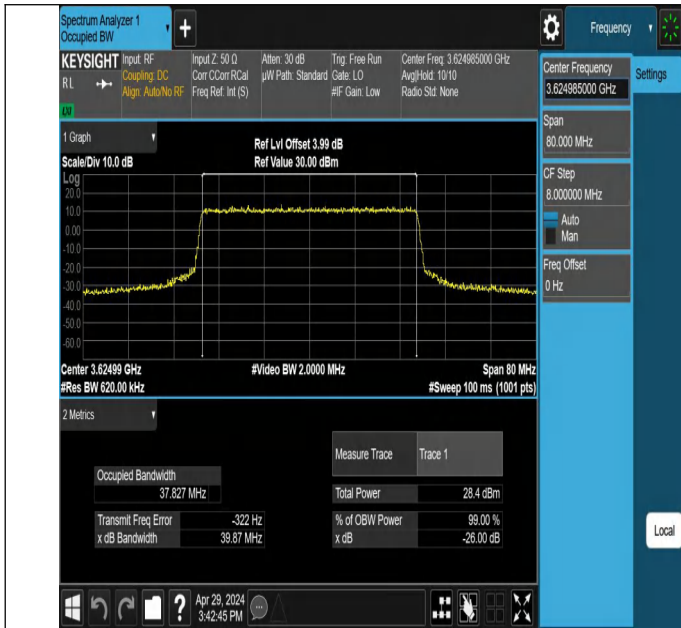
NTNV_N48_PC3_30_20_M_TID7_Ant1#1



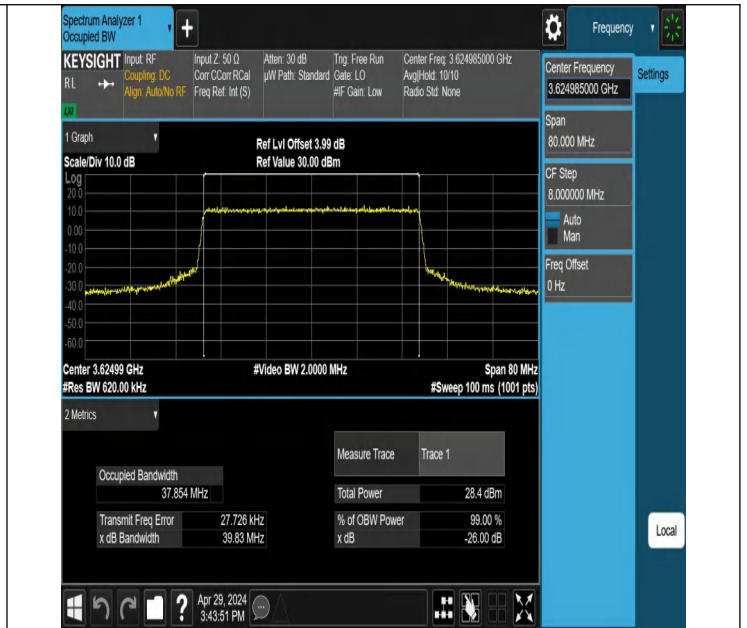
NTNV_N48_PC3_30_20_M_TID8_Ant1#1



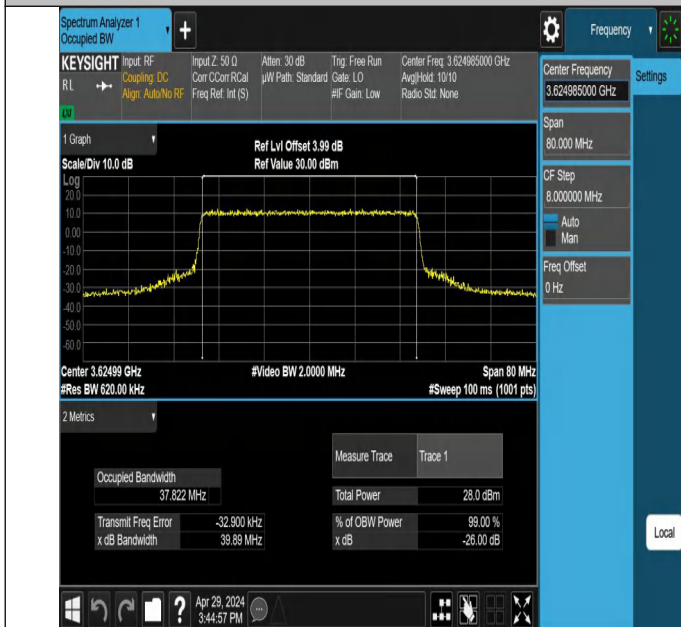
NTNV_N48_PC3_30_20_M_TID9_Ant1#1



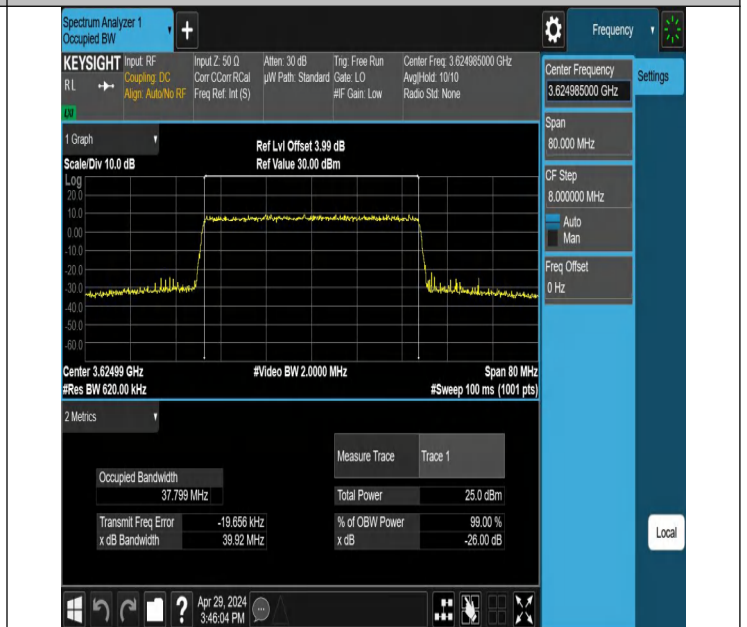
NTNV_N48_PC3_30_40_M_TID6_Ant1#1



NTNV_N48_PC3_30_40_M_TID7_Ant1#1



NTNV_N48_PC3_30_40_M_TID8_Ant1#1



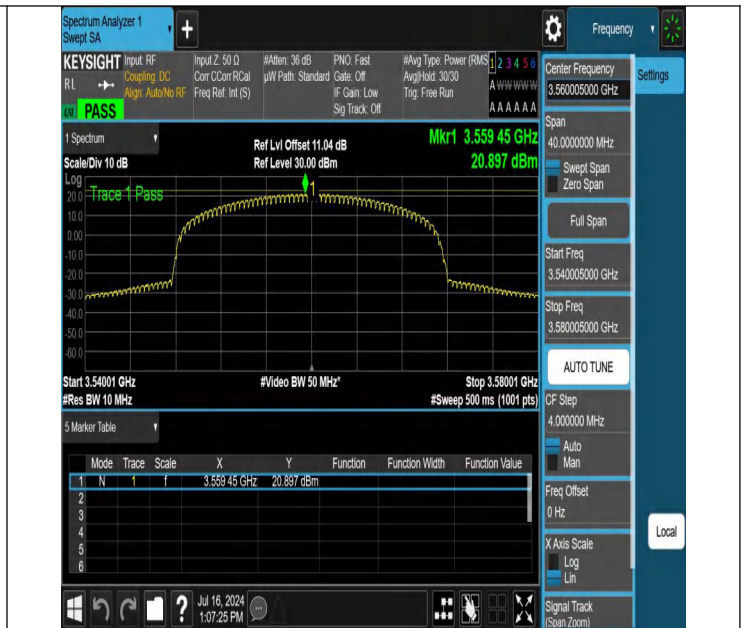
NTNV_N48_PC3_30_40_M_TID9_Ant1#1

Maximum eirp Density

Test Graphs



NTNV-N48-PC3-30-20-L-DFT-PI2BPSK-Outter_Full-3540.005-358.0005-Ant1-PASS



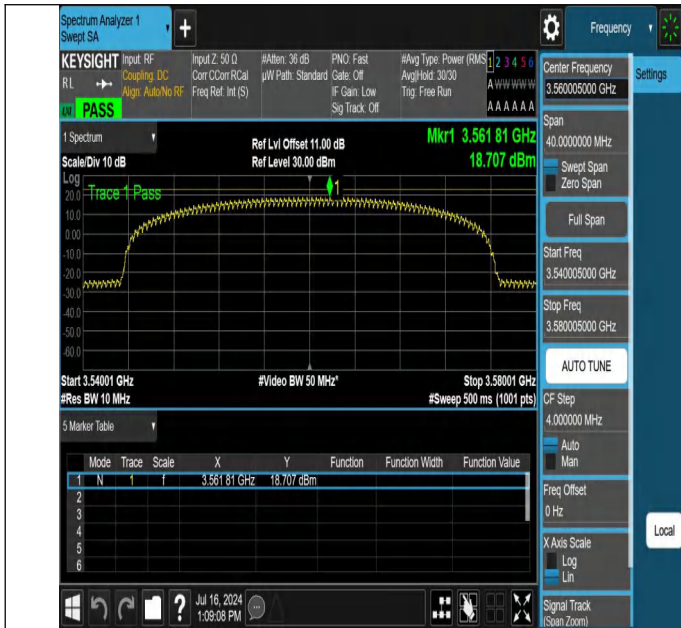
NTNV-N48-PC3-30-20-L-DFT-PI2BPSK-Inner_Full-3540.005-358.0005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-PI2BPSK-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-PI2BPSK-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-QPSK-Outter_Full-3540.005-3580.0

05-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-QPSK-Inner_Full-3540.005-3580.0

05-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-QPSK-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS

580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-QPSK-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS

3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-16QAM-Outer_Full-3540.005-3580.

005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-16QAM-Inner_Full-3540.005-3580.

005-Ant1-PASS



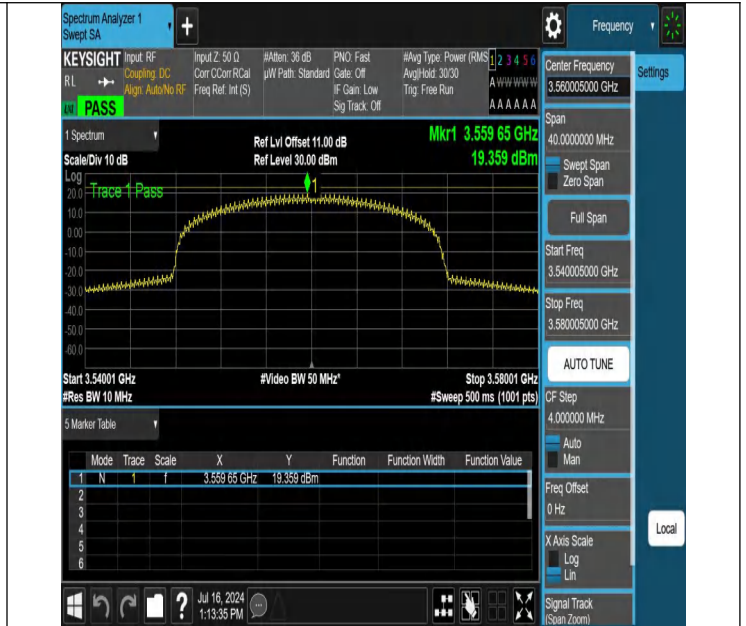
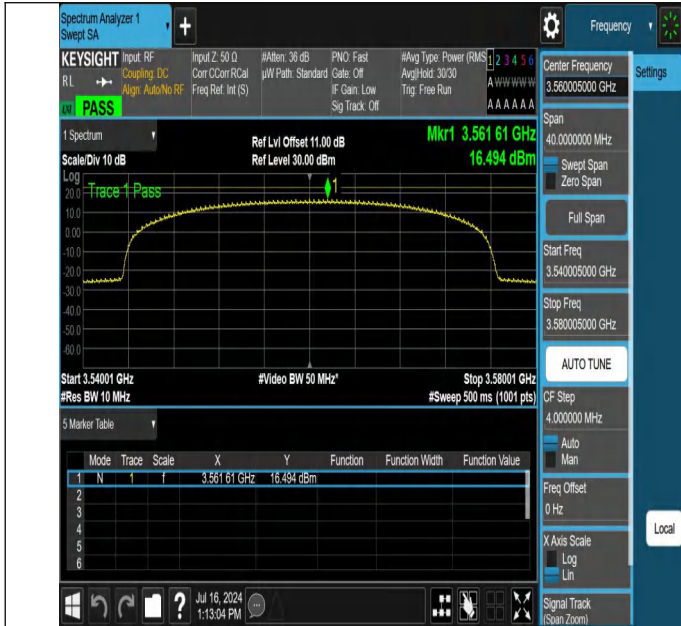
NTNV-N48-PC3-30-20-L-DFT-16QAM-Edge_1RB_Left-3540.005-

3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-16QAM-Edge_1RB_Right-3540.00

5-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-64QAM-Outer_Full-3540.005-3580.

NTNV-N48-PC3-30-20-L-DFT-64QAM-Inner_Full-3540.005-3580.

005-Ant1-PASS

005-Ant1-PASS

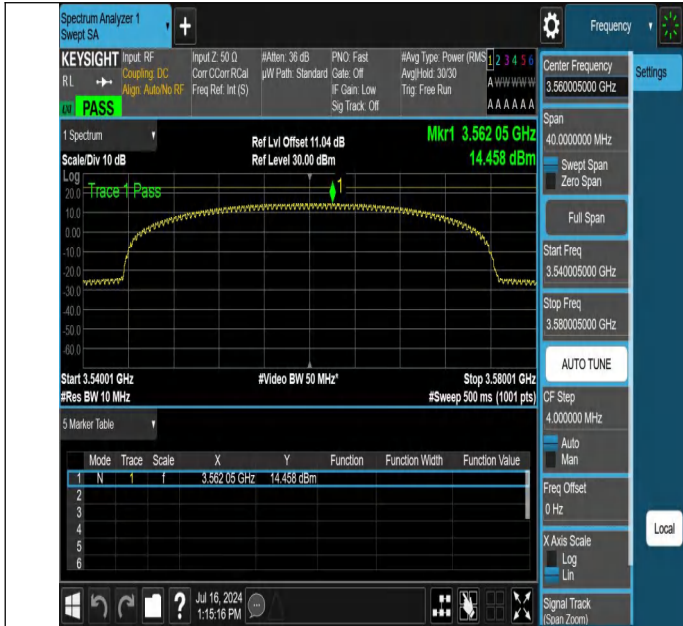


NTNV-N48-PC3-30-20-L-DFT-64QAM-Edge_1RB_Left-3540.005-

NTNV-N48-PC3-30-20-L-DFT-64QAM-Edge_1RB_Right-3540.00

3580.005-Ant1-PASS

5-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-256QAM-Outer_Full-3540.005-3580.005-Ant1-PASS

NTNV-N48-PC3-30-20-L-DFT-256QAM-Inner_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-DFT-256QAM-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS

NTNV-N48-PC3-30-20-L-DFT-256QAM-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-QPSK-Outer_Full-3540.005-3580.00

5-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-QPSK-Inner_Full-3540.005-3580.00

5-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS

80.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-QPSK-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS

580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-16QAM-Outter_Full-3540.005-3580.005-Ant1-PASS



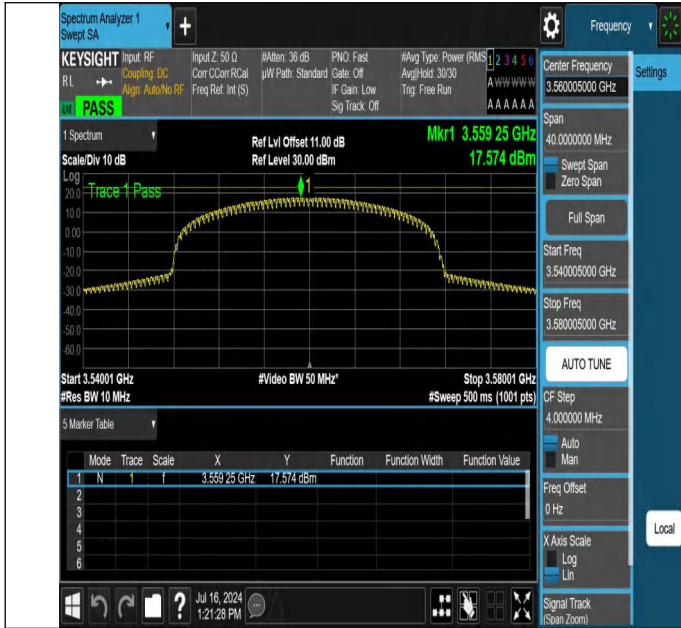
NTNV-N48-PC3-30-20-L-CP-16QAM-Inner_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-16QAM-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS



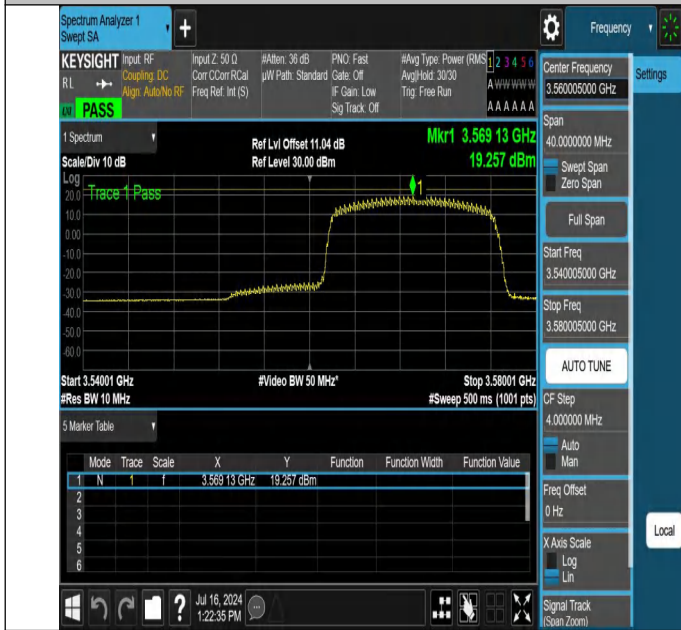
NTNV-N48-PC3-30-20-L-CP-64QAM-Outter_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-64QAM-Inner_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-64QAM-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-64QAM-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS



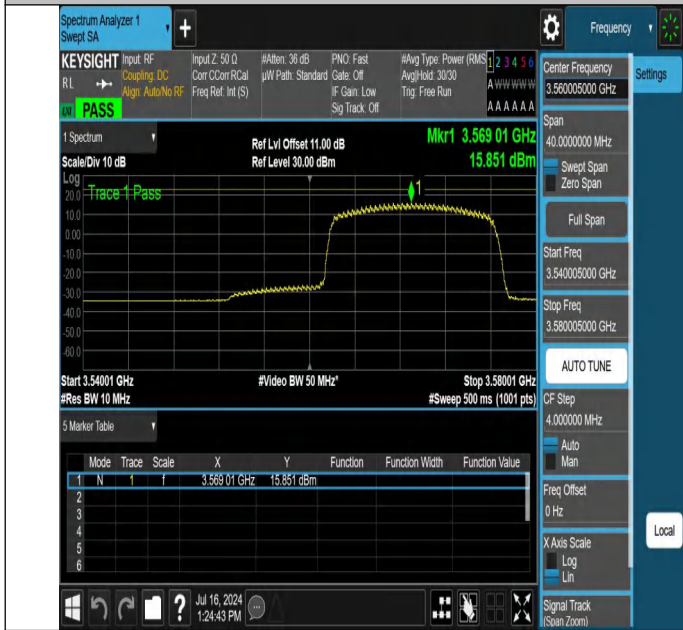
NTNV-N48-PC3-30-20-L-CP-256QAM-Outer_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-256QAM-Inner_Full-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-256QAM-Edge_1RB_Left-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-L-CP-256QAM-Edge_1RB_Right-3540.005-3580.005-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-PI2BPSK-Outer_Full-3604.985-3644.985-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-PI2BPSK-Inner_Full-3604.985-364 4.985-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-PI2BPSK-Edge_1RB_Left-3604.98 5-3644.985-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-PI2BPSK-Edge_1RB_Right-3604. 985-3644.985-Ant1-PASS



NTNV-N48-PC3-30-20-M-DFT-QPSK-Outer_Full-3604.985-3644. 985-Ant1-PASS