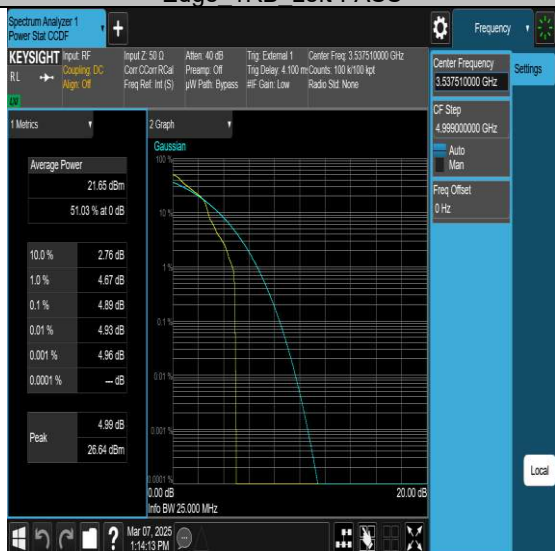




NTNV-N77-3450-3550-PC2-30-25-M-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-25-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-25-H-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-25-H-DFT-QPSK-Outer_Full-PASS



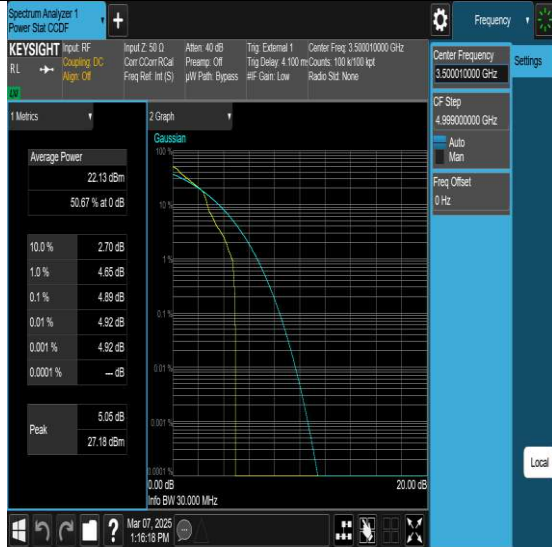
NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-



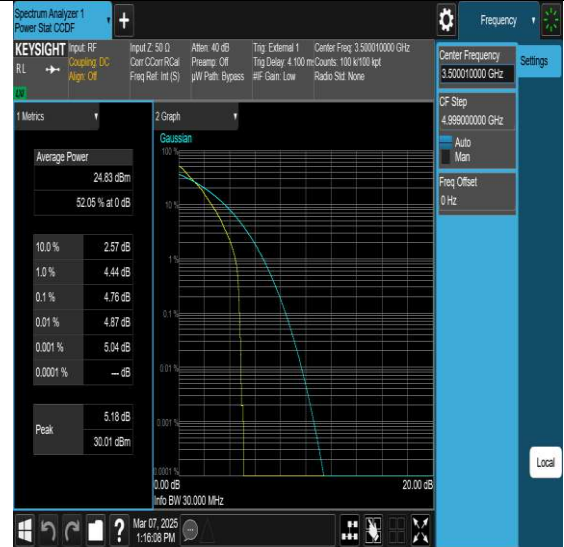
NTNV-N77-3450-3550-PC2-30-30-L-DFT-QPSK-Outer_Full-



Edge 1RB Left-PASS



PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-30-H-DFT-QPSK-Outer_Full-
PASS

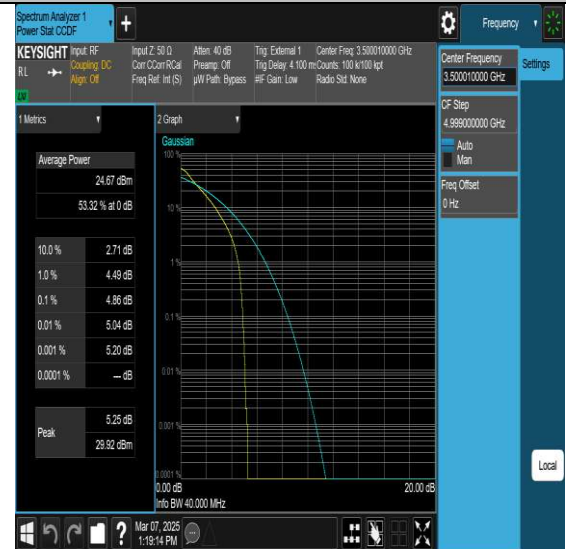




NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-40-L-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-
Edge 1RB Left-PASS



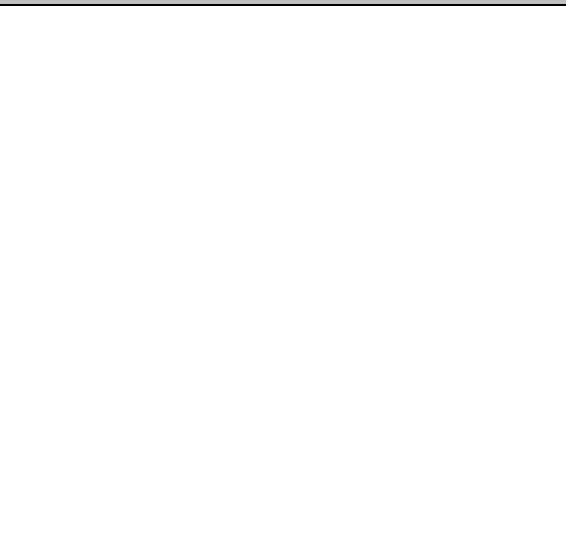
NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-40-H-DFT-QPSK-Outer_Full-
PASS

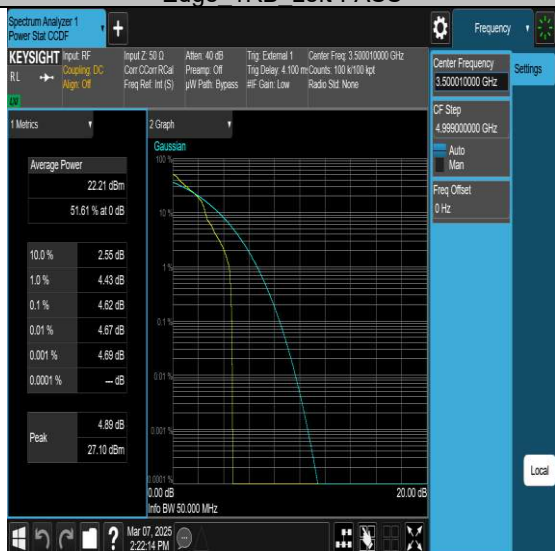




NTNV-N77-3450-3550-PC2-30-50-L-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-50-L-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-50-M-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-50-M-DFT-QPSK-Outer_Full-PASS



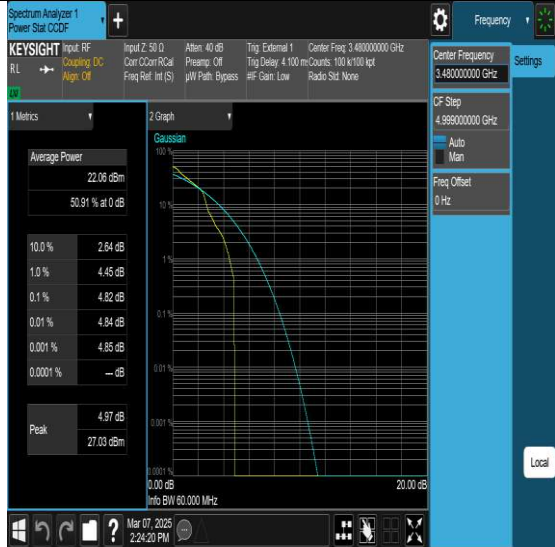
NTNV-N77-3450-3550-PC2-30-50-H-DFT-QPSK



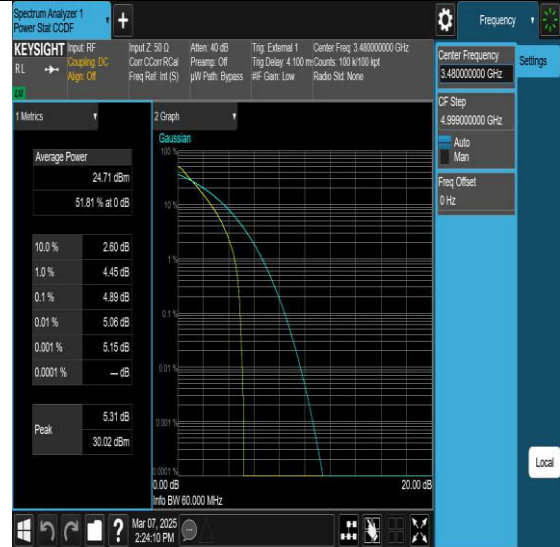
NTNV-N77-3450-3550-PC2-30-50-H-DFT-QPSK-Outer_Full-PASS



Edge 1RB Left-PASS



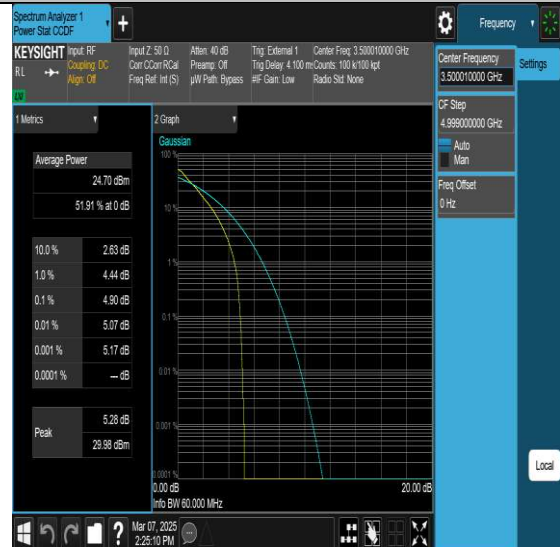
PASS



NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-
Edge 1RB Left-PASS



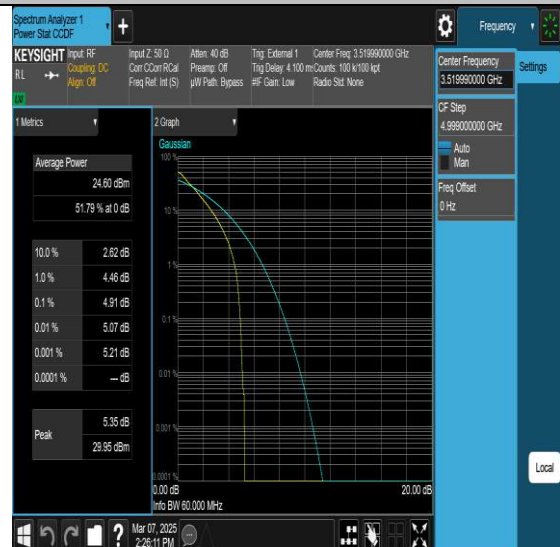
NTNV-N77-3450-3550-PC2-30-60-L-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-Outer_Full-
PASS





NTNV-N77-3450-3550-PC2-30-60-H-DFT-QPSK-
Edge 1RB Left-PASS

[illegible][illegible]

NTNV-N77-3450-3550-PC2-30-70-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-Edge 1RB Left-PASS



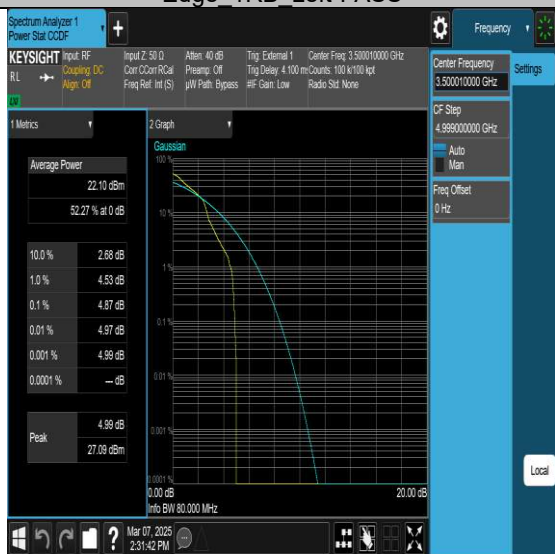
NTNV-N77-3450-3550-PC2-30-70-H-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-80-L-DFT-QPSK-Outer_Full-PASS



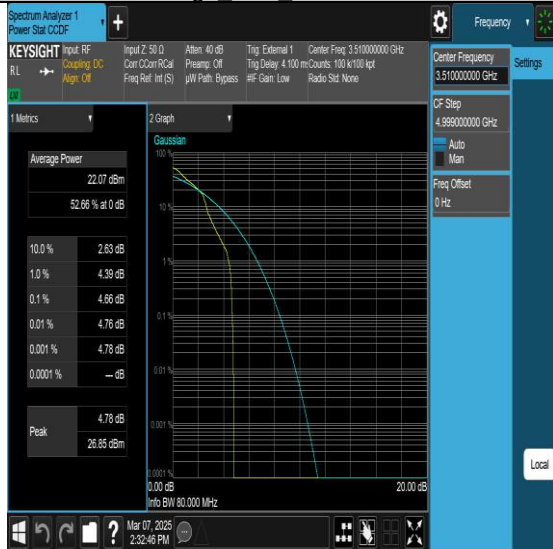
NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK



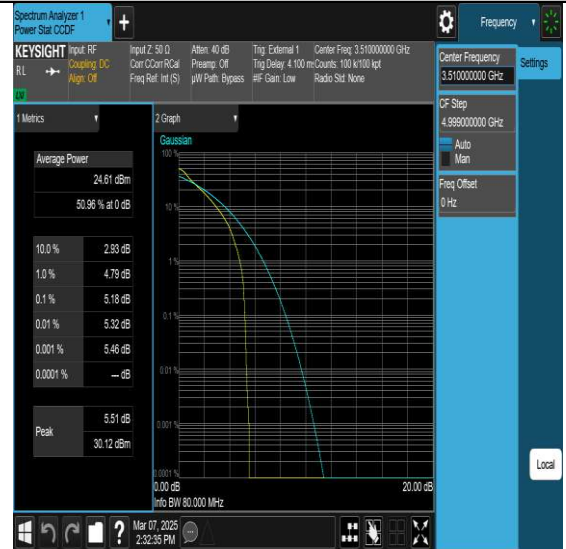
NTNV-N77-3450-3550-PC2-30-80-M-DFT-QPSK-Outer_Full-PASS



Edge 1RB Left-PASS



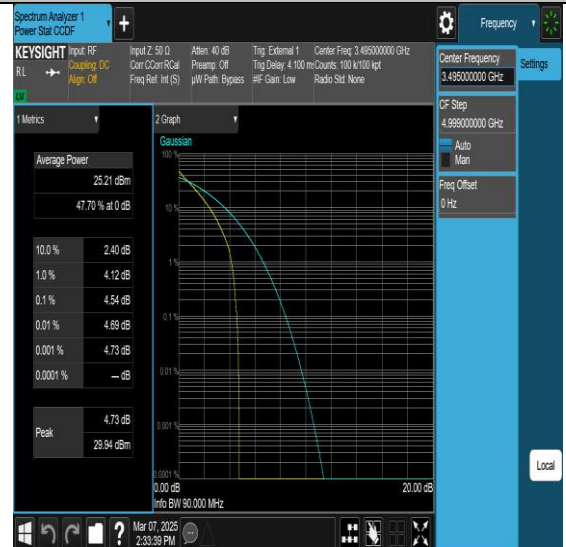
PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-80-H-DFT-QPSK-Outer_Full-
PASS



NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-
Edge 1RB Left-PASS

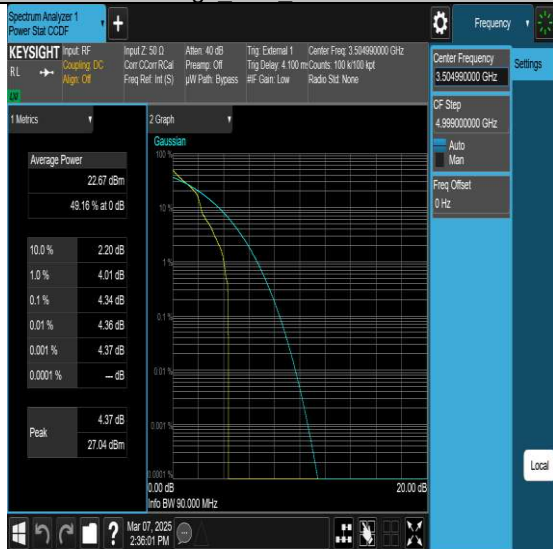


NTNV-N77-3450-3550-PC2-30-90-L-DFT-QPSK-Outer_Full-
PASS

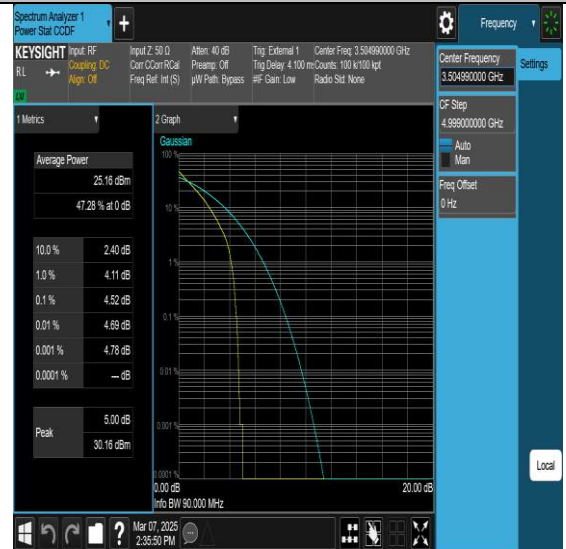




NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-90-M-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-
Edge 1RB Left-PASS



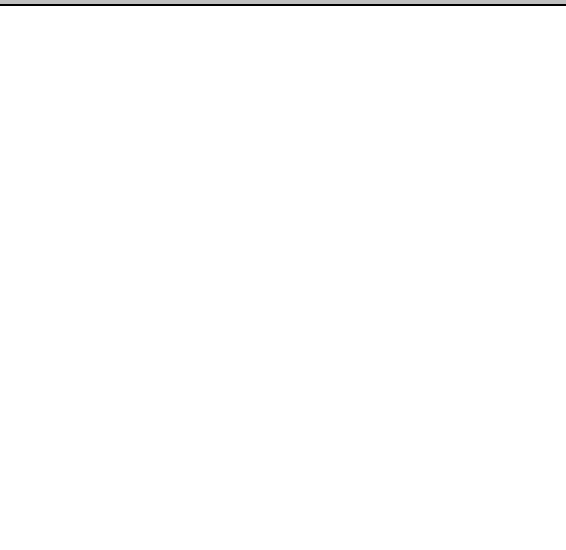
NTNV-N77-3450-3550-PC2-30-90-H-DFT-QPSK-Outer_Full-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-
Edge 1RB Left-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK-Outer_Full-PASS





BUREAU
VERITAS Report No.: PSZ-QBJ2501200112

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5877	9.442	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.5879	9.513	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.5834	9.483	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.5758	9.809	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.5643	9.824	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.866	14.00	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.838	14.20	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.801	13.88	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.839	13.98	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.842	13.99	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.817	19.10	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.797	19.23	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.855	19.28	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.805	19.26	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.821	19.14	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	22.902	24.34	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	22.852	24.39	PASS

**BUREAU VERITAS** Report No.: PSZ-QBJ2501200112

N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	22.881	24.35	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	22.879	24.42	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Outer_Full	22.879	24.37	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.817	28.44	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.734	28.32	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.794	28.60	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.766	28.53	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.787	28.38	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.745	37.78	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.735	37.25	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.788	37.65	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.788	37.63	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.776	37.67	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.689	47.84	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.701	47.72	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.710	47.87	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.688	47.90	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.707	47.66	PASS
N77-3450-	30	60	DFT-PI2BPSK	M	Outer_Full	57.835	60.14	PASS

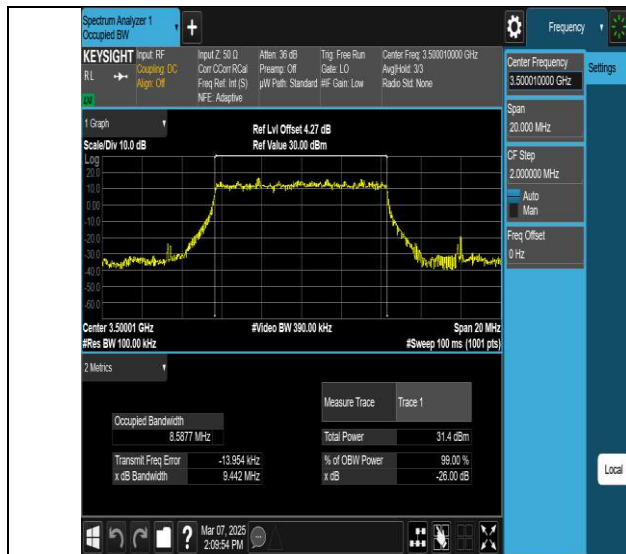


BUREAU VERITAS Report No.: PSZ-QBJ2501200112

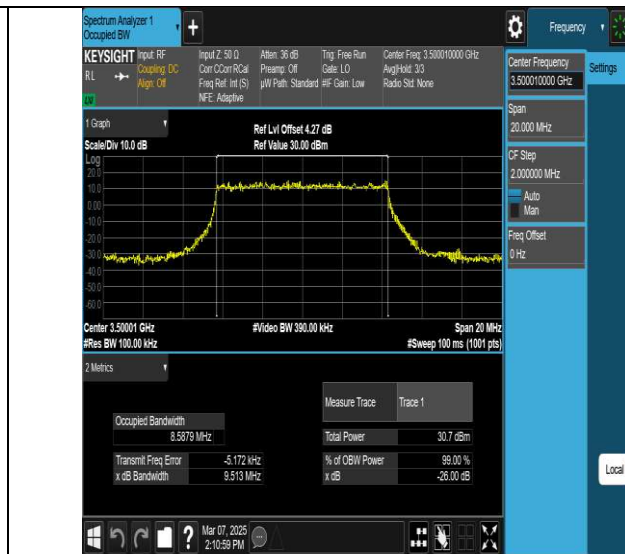
3550								
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.931	60.13	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.788	60.07	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.779	60.16	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.789	60.24	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.207	66.85	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.256	66.98	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.235	66.86	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.191	66.70	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.161	66.89	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.109	79.92	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.136	79.97	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	76.903	79.86	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.213	79.81	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.086	80.10	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.723	89.65	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	86.633	89.72	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	86.924	89.76	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	86.496	89.70	PASS
N77-	30	90	DFT-256QAM	M	Outer_Full	86.581	89.61	PASS



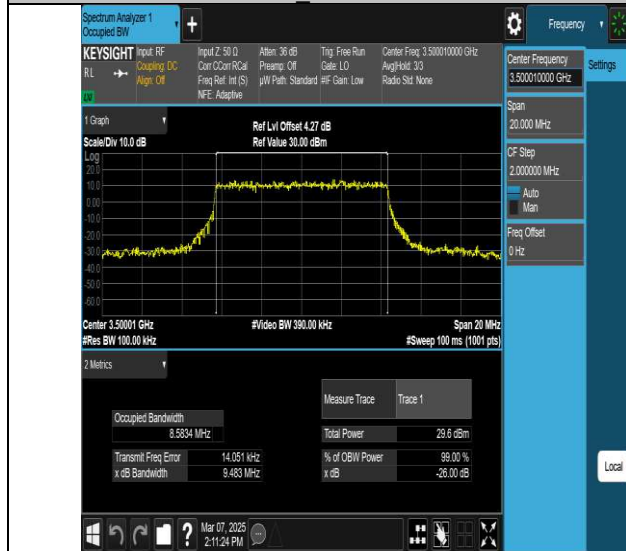
3450- 3550								
N77- 3450- 3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.230	100.0	PASS
N77- 3450- 3550	30	100	DFT-QPSK	M	Outer_Full	96.379	99.88	PASS
N77- 3450- 3550	30	100	DFT-16QAM	M	Outer_Full	96.434	99.91	PASS
N77- 3450- 3550	30	100	DFT-64QAM	M	Outer_Full	96.299	99.89	PASS
N77- 3450- 3550	30	100	DFT-256QAM	M	Outer_Full	96.266	99.71	PASS



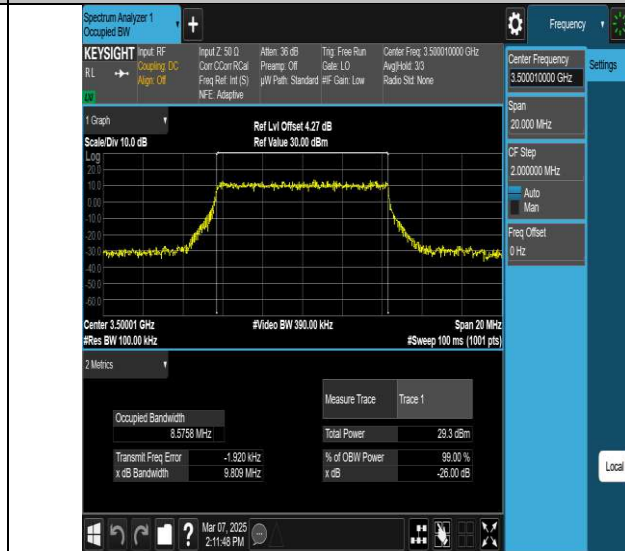
NTNV-N77-3450-3550-PC2-30-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



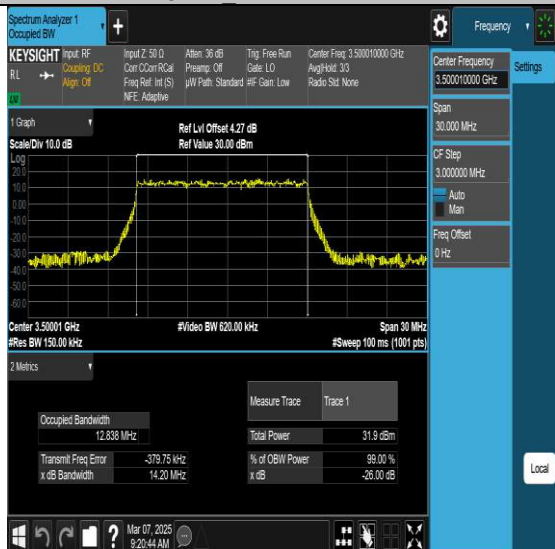
NTNV-N77-3450-3550-PC2-30-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-256QAM-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-15-M-DFT-PI2BPSK-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-15-M-DFT-QPSK-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-15-M-DFT-16QAM-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-15-M-DFT-64QAM-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-15-M-DFT-256QAM-Outer Full-Ant1-PASS



Ant1-PASS



Outer Full-Ant1-PASS



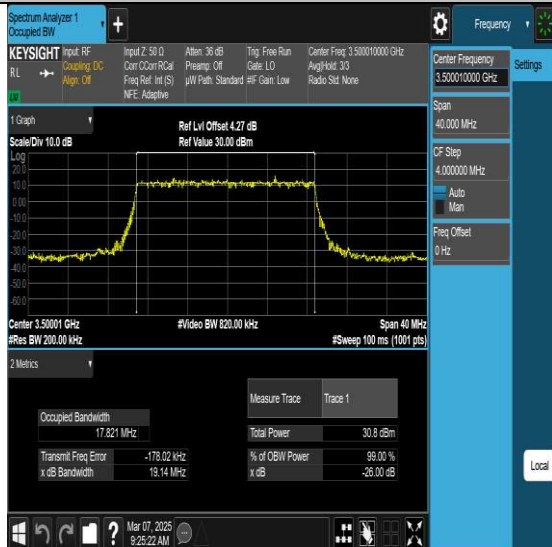
NTNV-N77-3450-3550-PC2-30-20-M-DFT-PI2BPSK-
Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-16QAM-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-64QAM-Outer_Full-
Ant1-PASS





NTNV-N77-3450-3550-PC2-30-20-M-DFT-256QAM-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-25-M-DFT-PI2BPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-25-M-DFT-QPSK-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-25-M-DFT-16QAM-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-25-M-DFT-64QAM-Outer_Full-
Ant1-PASS

NTNV-N77-3450-3550-PC2-30-25-M-DFT-256QAM-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-PI2BPSK-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-30-M-DFT-256QAM-



NTNV-N77-3450-3550-PC2-30-40-M-DFT-PI2BPSK-



Outer Full-Ant1-PASS



Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-40-M-DFT-QPSK-Outer_Full-Ant1-PASS



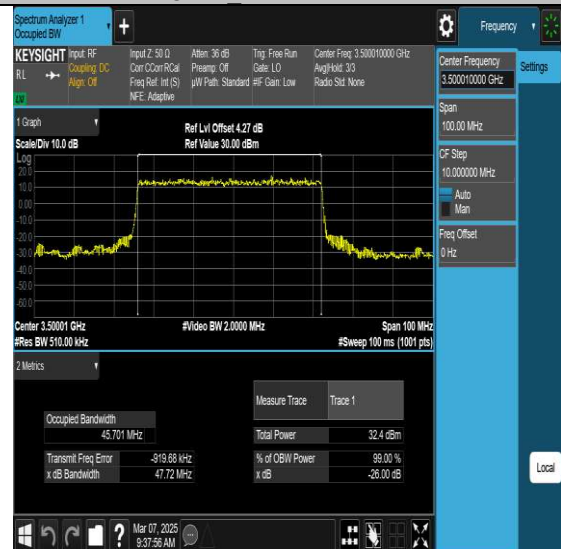
NTNV-N77-3450-3550-PC2-30-40-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-40-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-40-M-DFT-256QAM-Outer Full-Ant1-PASS





NTNV-N77-3450-3550-PC2-30-50-M-DFT-PI2BPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-50-M-DFT-QPSK-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-50-M-DFT-16QAM-Outer_Full-
Ant1-PASS



NTNV-N77-3450-3550-PC2-30-50-M-DFT-64QAM-Outer_Full-
Ant1-PASS

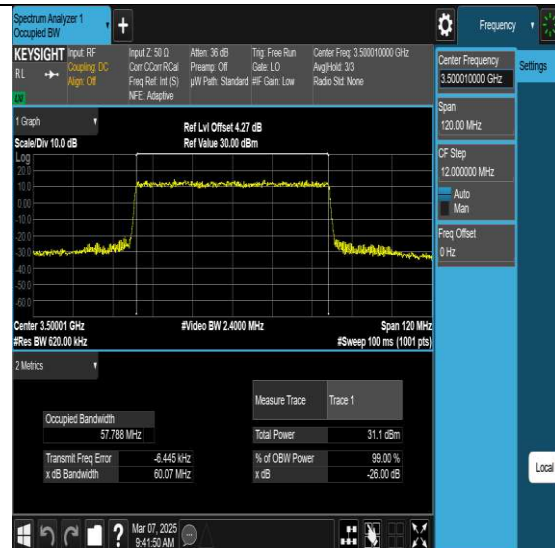


NTNV-N77-3450-3550-PC2-30-50-M-DFT-256QAM-
Outer_Full-Ant1-PASS

NTNV-N77-3450-3550-PC2-30-60-M-DFT-PI2BPSK-
Outer_Full-Ant1-PASS



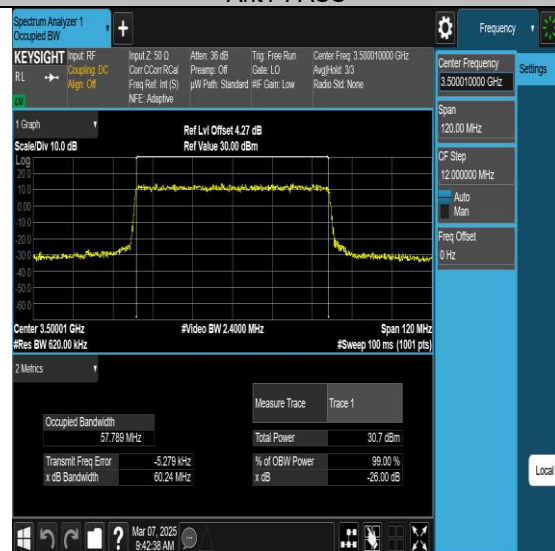
NTNV-N77-3450-3550-PC2-30-60-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-60-M-DFT-16QAM-Outer_Full-Ant1-PASS



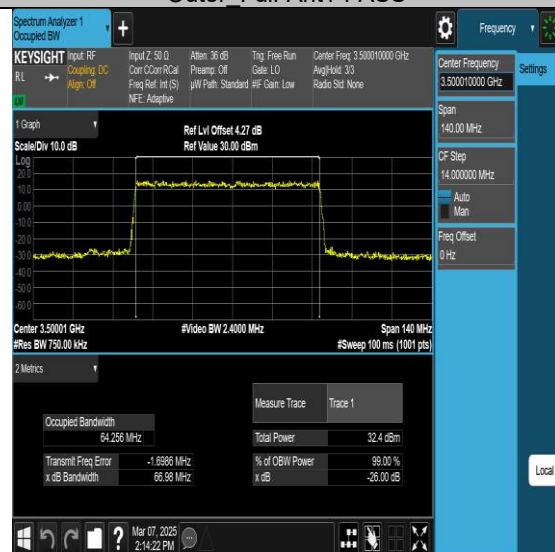
NTNV-N77-3450-3550-PC2-30-60-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-60-M-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-P12BPSK-



NTNV-N77-3450-3550-PC2-30-70-M-DFT-QPSK-Outer_Full-



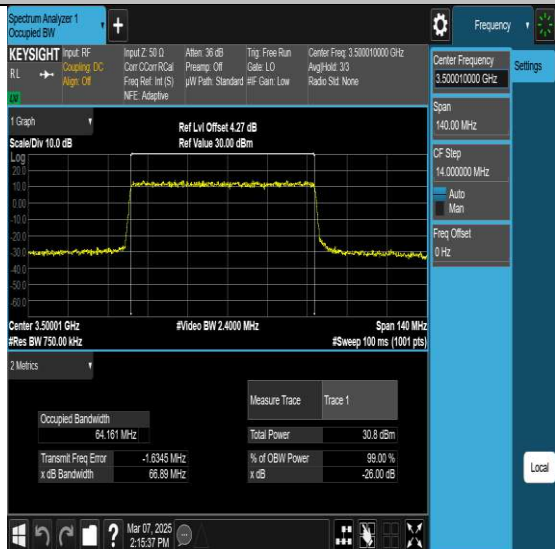
Outer Full-Ant1-PASS



Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-70-M-DFT-256QAM-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-80-M-DFT-Pi2BPSK-Outer Full-Ant1-PASS

