

Appendix-B NR Band n77(3450-3550)

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	26.86	20.73	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_Full	27.45	21.32	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	27.53	21.4	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	27.49	21.36	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	26.39	20.26	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_Full	27.48	21.35	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	27.52	21.39	30	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	27.50	21.37	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	25.38	19.25	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_Full	26.39	20.26	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	26.48	20.35	30	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	26.45	20.32	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	24.96	18.83	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_Full	25.02	18.89	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	24.99	18.86	30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	24.96	18.83	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	22.93	16.8	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_Full	22.95	16.82	30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	22.74	16.61	30	PASS

3550									
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	22.60	16.47	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	26.59	20.46	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_Full	27.20	21.07	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	27.30	21.17	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	27.05	20.92	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	26.04	19.91	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_Full	27.12	20.99	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	27.27	21.14	30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	27.01	20.88	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	25.05	18.92	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_Full	26.09	19.96	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	26.28	20.15	30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	25.99	19.86	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	24.68	18.55	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_Full	24.68	18.55	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	24.68	18.55	30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	24.49	18.36	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	22.53	16.4	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_Full	22.59	16.46	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	22.56	16.43	30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	22.27	16.14	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	26.32	20.19	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_Full	26.89	20.76	30	PASS

3550									
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.97	20.84	30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.90	20.77	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	25.82	19.69	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_Full	26.90	20.77	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	26.97	20.84	30	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Right	26.93	20.8	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	24.82	18.69	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_Full	25.85	19.72	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	26.02	19.89	30	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Right	25.86	19.73	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	24.44	18.31	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_Full	24.45	18.32	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Left	24.39	18.26	30	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Right	24.33	18.2	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	22.27	16.14	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_Full	22.32	16.19	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Left	22.18	16.05	30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Right	21.98	15.85	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	26.96	20.83	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_Full	27.52	21.39	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	27.50	21.37	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	27.34	21.21	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	26.42	20.29	30	PASS

3550									
N77-3450-3550	30	15	DFT-QPSK	L	Inner_Full	27.51	21.38	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	27.47	21.34	30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	27.33	21.2	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	25.39	19.26	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_Full	26.38	20.25	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	26.51	20.38	30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	26.39	20.26	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	24.98	18.85	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_Full	25.06	18.93	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	25.06	18.93	30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	24.88	18.75	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	22.96	16.83	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_Full	22.93	16.8	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	22.76	16.63	30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	22.61	16.48	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	26.60	20.47	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_Full	27.15	21.02	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	27.24	21.11	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.81	20.68	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	26.14	20.01	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_Full	27.06	20.93	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	27.15	21.02	30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Right	26.80	20.67	30	PASS

3550									
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	25.00	18.87	30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_Full	26.03	19.9	30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	26.33	20.2	30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Right	25.92	19.79	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	24.58	18.45	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_Full	24.64	18.51	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Left	24.75	18.62	30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Right	24.36	18.23	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	22.57	16.44	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_Full	22.54	16.41	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Left	22.50	16.37	30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Right	22.11	15.98	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	26.25	20.12	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_Full	26.80	20.67	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.82	20.69	30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.71	20.58	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	25.74	19.61	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_Full	26.83	20.7	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	26.82	20.69	30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Right	26.71	20.58	30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	24.83	18.7	30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_Full	25.82	19.69	30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	25.97	19.84	30	PASS

3550									
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Right	25.83	19.7	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	24.38	18.25	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_Full	24.39	18.26	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Left	24.59	18.46	30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Right	24.38	18.25	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Outer_Full	22.37	16.24	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_Full	22.27	16.14	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Left	22.15	16.02	30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_1RB_Right	22.01	15.88	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	27.01	20.88	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_Full	27.56	21.43	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	27.57	21.44	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	27.28	21.15	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	26.45	20.32	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_Full	27.41	21.28	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	27.51	21.38	30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Right	27.25	21.12	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	25.46	19.33	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_Full	26.39	20.26	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	26.50	20.37	30	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Right	26.26	20.13	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	24.93	18.8	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_Full	24.97	18.84	30	PASS

3550									
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Left	24.98	18.85	30	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Inner_1RB_Right	24.67	18.54	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	22.92	16.79	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_Full	22.94	16.81	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Left	22.78	16.65	30	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Inner_1RB_Right	22.47	16.34	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	26.67	20.54	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_Full	27.17	21.04	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	27.31	21.18	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.81	20.68	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	26.17	20.04	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_Full	27.12	20.99	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	27.27	21.14	30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Right	26.83	20.7	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	25.10	18.97	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_Full	26.07	19.94	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	26.32	20.19	30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Right	25.80	19.67	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	24.64	18.51	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_Full	24.61	18.48	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Left	24.78	18.65	30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_1RB_Right	24.25	18.12	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	22.60	16.47	30	PASS

3550									
N77-3450-3550	30	20	DFT-256QAM	M	Inner_Full	22.63	16.5	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Left	22.54	16.41	30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_1RB_Right	21.98	15.85	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	26.43	20.3	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_Full	26.85	20.72	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.89	20.76	30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.61	20.48	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	25.61	19.48	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_Full	26.74	20.61	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	26.61	20.48	30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Right	26.57	20.44	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	24.56	18.43	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_Full	25.52	19.39	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	25.62	19.49	30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Right	25.62	19.49	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	24.15	18.02	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_Full	24.11	17.98	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Left	24.11	17.98	30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Inner_1RB_Right	24.07	17.94	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	22.12	15.99	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_Full	22.08	15.95	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Left	21.84	15.71	30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_1RB_Right	21.92	15.79	30	PASS

3550									
N77-3450-3550	30	25	DFT-PI2BPSK	L	Outer_Full	26.68	20.55	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_Full	27.31	21.18	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_1RB_Left	27.32	21.19	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_1RB_Right	26.96	20.83	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	26.15	20.02	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_Full	27.28	21.15	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_1RB_Left	27.28	21.15	30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_1RB_Right	26.85	20.72	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Outer_Full	25.18	19.05	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_Full	26.16	20.03	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_1RB_Left	26.40	20.27	30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_1RB_Right	25.91	19.78	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Outer_Full	24.70	18.57	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_Full	24.76	18.63	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_1RB_Left	24.86	18.73	30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_1RB_Right	24.45	18.32	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Outer_Full	22.64	16.51	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_Full	22.65	16.52	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_1RB_Left	22.59	16.46	30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_1RB_Right	22.16	16.03	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	26.38	20.25	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_Full	27.04	20.91	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_1RB_Left	27.10	20.97	30	PASS

3550									
N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_1RB_Right	26.39	20.26	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	25.87	19.74	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_Full	27.10	20.97	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_1RB_Left	27.05	20.92	30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_1RB_Right	26.33	20.2	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	24.95	18.82	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_Full	25.95	19.82	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_1RB_Left	26.09	19.96	30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_1RB_Right	25.44	19.31	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	24.46	18.33	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_Full	24.51	18.38	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_1RB_Left	24.53	18.4	30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_1RB_Right	23.96	17.83	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Outer_Full	22.41	16.28	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Inner_Full	22.32	16.19	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Inner_1RB_Left	22.38	16.25	30	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Inner_1RB_Right	21.73	15.6	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Outer_Full	26.15	20.02	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Inner_Full	0.62	-5.51	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Inner_1RB_Left	26.60	20.47	30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Inner_1RB_Right	26.50	20.37	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	25.61	19.48	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Inner_Full	26.68	20.55	30	PASS

3550									
N77-3450-3550	30	25	DFT-QPSK	H	Inner_1RB_Left	26.61	20.48	30	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Inner_1RB_Right	26.57	20.44	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Outer_Full	24.68	18.55	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Inner_Full	25.66	19.53	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Inner_1RB_Left	25.68	19.55	30	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Inner_1RB_Right	25.60	19.47	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Outer_Full	24.17	18.04	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_Full	24.25	18.12	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_1RB_Left	24.24	18.11	30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_1RB_Right	24.12	17.99	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Outer_Full	22.21	16.08	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_Full	22.11	15.98	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_1RB_Left	21.92	15.79	30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_1RB_Right	21.90	15.77	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	26.70	20.57	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_Full	27.31	21.18	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	27.49	21.36	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.91	20.78	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	26.11	19.98	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_Full	27.29	21.16	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	27.49	21.36	30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.95	20.82	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	25.24	19.11	30	PASS

3550									
N77-3450-3550	30	30	DFT-16QAM	L	Inner_Full	26.19	20.06	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	26.39	20.26	30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.86	19.73	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	24.75	18.62	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_Full	24.74	18.61	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	24.87	18.74	30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	24.43	18.3	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	22.69	16.56	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_Full	22.73	16.6	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Left	22.68	16.55	30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_1RB_Right	22.14	16.01	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.46	20.33	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_Full	27.03	20.9	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	27.32	21.19	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.45	20.32	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	25.97	19.84	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_Full	27.03	20.9	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	27.21	21.08	30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Right	26.49	20.36	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	24.90	18.77	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_Full	25.94	19.81	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	26.15	20.02	30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Right	25.38	19.25	30	PASS

3550									
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	24.46	18.33	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_Full	24.49	18.36	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Left	24.64	18.51	30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_1RB_Right	23.89	17.76	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	22.36	16.23	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_Full	22.50	16.37	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Left	22.38	16.25	30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_1RB_Right	21.71	15.58	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	26.12	19.99	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_Full	26.70	20.57	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.80	20.67	30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.62	20.49	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	25.74	19.61	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_Full	26.75	20.62	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.65	20.52	30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	26.65	20.52	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	24.69	18.56	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_Full	25.60	19.47	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.70	19.57	30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	25.68	19.55	30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	24.17	18.04	30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_Full	24.18	18.05	30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	24.10	17.97	30	PASS

3550									
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	24.04	17.91	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	22.16	16.03	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_Full	22.19	16.06	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	21.87	15.74	30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	21.87	15.74	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	26.68	20.55	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_Full	27.26	21.13	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	27.33	21.2	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.74	20.61	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	26.13	20	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_Full	27.23	21.1	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	27.28	21.15	30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.76	20.63	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	25.20	19.07	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_Full	26.18	20.05	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	26.41	20.28	30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.84	19.71	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	24.72	18.59	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_Full	24.74	18.61	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	24.88	18.75	30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	24.35	18.22	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	22.62	16.49	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_Full	22.70	16.57	30	PASS

3550									
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	22.63	16.5	30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	22.02	15.89	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	26.44	20.31	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_Full	27.09	20.96	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	27.02	20.89	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.26	20.13	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	25.86	19.73	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_Full	27.02	20.89	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	27.05	20.92	30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.21	20.08	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.93	18.8	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_Full	25.99	19.86	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	26.18	20.05	30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.38	19.25	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	24.49	18.36	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_Full	24.54	18.41	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	24.53	18.4	30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	23.85	17.72	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	22.45	16.32	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_Full	22.51	16.38	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	22.23	16.1	30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	21.43	15.3	30	PASS
N77-3450-	30	40	DFT-PI2BPSK	H	Outer_Full	26.04	19.91	30	PASS

3550									
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_Full	26.68	20.55	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.61	20.48	30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.41	20.28	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	25.60	19.47	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_Full	26.61	20.48	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.64	20.51	30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	26.47	20.34	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	24.61	18.48	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_Full	25.64	19.51	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.73	19.6	30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.48	19.35	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	24.19	18.06	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_Full	24.16	18.03	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	24.13	18	30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	23.94	17.81	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	22.20	16.07	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_Full	22.04	15.91	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	21.82	15.69	30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	21.70	15.57	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	26.79	20.66	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_Full	27.34	21.21	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	27.49	21.36	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.79	20.66	30	PASS

3550									
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	26.23	20.1	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_Full	27.30	21.17	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	27.47	21.34	30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	26.75	20.62	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	25.32	19.19	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_Full	26.28	20.15	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	26.59	20.46	30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.94	19.81	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	24.76	18.63	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_Full	24.81	18.68	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	25.04	18.91	30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	24.35	18.22	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	22.68	16.55	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_Full	22.74	16.61	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	22.76	16.63	30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	22.01	15.88	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	26.48	20.35	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_Full	27.19	21.06	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	27.20	21.07	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	26.29	20.16	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	25.93	19.8	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_Full	27.17	21.04	30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	27.21	21.08	30	PASS

3550									
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	26.29	20.16	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	24.98	18.85	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_Full	26.07	19.94	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	26.32	20.19	30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	25.40	19.27	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	24.48	18.35	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_Full	24.66	18.53	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	24.62	18.49	30	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.96	17.83	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	22.51	16.38	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_Full	22.58	16.45	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	22.51	16.38	30	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	21.65	15.52	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	26.23	20.1	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_Full	26.81	20.68	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	27.17	21.04	30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.53	20.4	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	25.75	19.62	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_Full	26.80	20.67	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	27.13	21	30	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	26.54	20.41	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	24.84	18.71	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_Full	25.73	19.6	30	PASS

3550									
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	26.24	20.11	30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.55	19.42	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_Full	24.31	18.18	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	24.58	18.45	30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	23.97	17.84	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	22.24	16.11	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_Full	22.27	16.14	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	22.37	16.24	30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	21.74	15.61	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	26.45	20.32	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_Full	27.02	20.89	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	27.36	21.23	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.30	20.17	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	25.95	19.82	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_Full	26.98	20.85	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	27.39	21.26	30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	26.29	20.16	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	24.86	18.73	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_Full	25.92	19.79	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	26.34	20.21	30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.25	19.12	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	24.36	18.23	30	PASS

3550									
N77-3450-3550	30	60	DFT-64QAM	L	Inner_Full	24.38	18.25	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	24.70	18.57	30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.58	17.45	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	22.35	16.22	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_Full	22.39	16.26	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	22.38	16.25	30	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.42	15.29	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	26.37	20.24	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_Full	26.89	20.76	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	27.22	21.09	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.17	20.04	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.80	19.67	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_Full	26.82	20.69	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	27.19	21.06	30	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.19	20.06	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.63	18.5	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_Full	25.79	19.66	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	26.15	20.02	30	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.19	19.06	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	24.14	18.01	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_Full	24.25	18.12	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	24.56	18.43	30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	23.58	17.45	30	PASS

3550									
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	22.19	16.06	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_Full	22.22	16.09	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	22.34	16.21	30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	21.36	15.23	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	26.13	20	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_Full	26.46	20.33	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	27.19	21.06	30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	26.39	20.26	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	25.71	19.58	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_Full	26.56	20.43	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	27.17	21.04	30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	26.39	20.26	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	24.54	18.41	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_Full	25.34	19.21	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	26.13	20	30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	25.27	19.14	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	24.07	17.94	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_Full	23.96	17.83	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	24.57	18.44	30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	23.75	17.62	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	22.06	15.93	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_Full	21.94	15.81	30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	22.26	16.13	30	PASS

3550									
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	21.51	15.38	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	26.49	20.36	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_Full	27.12	20.99	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	27.30	21.17	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.91	19.78	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	25.93	19.8	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_Full	27.11	20.98	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	27.32	21.19	30	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	25.95	19.82	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	24.98	18.85	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_Full	25.92	19.79	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	26.36	20.23	30	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.06	18.93	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	24.50	18.37	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_Full	24.50	18.37	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	24.83	18.7	30	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	23.54	17.41	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	22.49	16.36	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_Full	22.53	16.4	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	22.59	16.46	30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	21.25	15.12	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	26.33	20.2	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_Full	26.94	20.81	30	PASS

3550									
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	27.25	21.12	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	26.08	19.95	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	25.82	19.69	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_Full	26.87	20.74	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	27.23	21.1	30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	26.12	19.99	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	24.79	18.66	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_Full	25.83	19.7	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	26.31	20.18	30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	25.21	19.08	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	24.31	18.18	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_Full	24.38	18.25	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	24.79	18.66	30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	23.71	17.58	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	22.36	16.23	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_Full	22.41	16.28	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	22.51	16.38	30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	21.41	15.28	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	26.25	20.12	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_Full	26.75	20.62	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	27.08	20.95	30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	26.19	20.06	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	25.71	19.58	30	PASS

3550									
N77-3450-3550	30	70	DFT-QPSK	H	Inner_Full	26.66	20.53	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	27.08	20.95	30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	26.24	20.11	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	24.74	18.61	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_Full	25.60	19.47	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	26.11	19.98	30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	25.25	19.12	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	24.29	18.16	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_Full	24.13	18	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	24.63	18.5	30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.70	17.57	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	22.29	16.16	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_Full	22.16	16.03	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	22.37	16.24	30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	21.40	15.27	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	26.36	20.23	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_Full	26.96	20.83	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	27.38	21.25	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	26.06	19.93	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.89	19.76	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_Full	27.03	20.9	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	27.40	21.27	30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	26.02	19.89	30	PASS

3550									
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.82	18.69	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_Full	25.95	19.82	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	26.49	20.36	30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	25.13	19	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_Full	24.48	18.35	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	24.83	18.7	30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	23.63	17.5	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	22.35	16.22	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_Full	22.41	16.28	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	22.50	16.37	30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.19	15.06	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	26.22	20.09	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_Full	26.93	20.8	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	27.41	21.28	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	26.14	20.01	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	25.75	19.62	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_Full	26.90	20.77	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	27.38	21.25	30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	26.05	19.92	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	24.82	18.69	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_Full	25.80	19.67	30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	26.44	20.31	30	PASS

3550									
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	25.14	19.01	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	24.28	18.15	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_Full	24.22	18.09	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	24.79	18.66	30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.62	17.49	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	22.28	16.15	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_Full	22.30	16.17	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	22.60	16.47	30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	21.34	15.21	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	26.23	20.1	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_Full	26.85	20.72	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	27.23	21.1	30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	26.24	20.11	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	25.80	19.67	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_Full	26.77	20.64	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	27.23	21.1	30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	26.24	20.11	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	24.78	18.65	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_Full	25.72	19.59	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	26.35	20.22	30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	25.26	19.13	30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_Full	24.26	18.13	30	PASS

3550									
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	24.72	18.59	30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	23.68	17.55	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	22.27	16.14	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_Full	22.34	16.21	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	22.50	16.37	30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	21.44	15.31	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	26.33	20.2	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_Full	26.98	20.85	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Left	27.38	21.25	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_1RB_Right	26.06	19.93	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	25.93	19.8	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_Full	26.90	20.77	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	27.53	21.4	30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Right	26.10	19.97	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	24.86	18.73	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_Full	25.86	19.73	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	26.50	20.37	30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Right	25.18	19.05	30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_Full	24.45	18.32	30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Left	24.90	18.77	30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_1RB_Right	23.64	17.51	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	22.38	16.25	30	PASS

3550									
N77-3450-3550	30	90	DFT-256QAM	L	Inner_Full	22.44	16.31	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Left	22.74	16.61	30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Inner_1RB_Right	21.42	15.29	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	26.33	20.2	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_Full	26.90	20.77	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	27.46	21.33	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	26.08	19.95	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	25.76	19.63	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_Full	26.83	20.7	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	27.41	21.28	30	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	26.14	20.01	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	24.81	18.68	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_Full	25.86	19.73	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	26.54	20.41	30	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.19	19.06	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_Full	24.38	18.25	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	25.01	18.88	30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	23.75	17.62	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	22.35	16.22	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_Full	22.38	16.25	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	22.72	16.59	30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	21.45	15.32	30	PASS

3550									
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	26.33	20.2	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_Full	26.88	20.75	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	27.53	21.4	30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	26.12	19.99	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	25.81	19.68	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_Full	26.81	20.68	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	27.40	21.27	30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	26.14	20.01	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	24.74	18.61	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_Full	25.78	19.65	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	26.52	20.39	30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	25.22	19.09	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	24.34	18.21	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_Full	24.32	18.19	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Left	24.97	18.84	30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_1RB_Right	23.67	17.54	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	22.27	16.14	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_Full	22.30	16.17	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Left	22.73	16.6	30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_1RB_Right	21.41	15.28	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	26.30	20.17	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_Full	26.91	20.78	30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	27.43	21.3	30	PASS

3550									
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	26.04	19.91	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	25.90	19.77	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_Full	26.89	20.76	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Left	27.34	21.21	30	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Inner_1RB_Right	26.10	19.97	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	24.80	18.67	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_Full	25.78	19.65	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Left	26.51	20.38	30	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Inner_1RB_Right	25.18	19.05	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	24.32	18.19	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_Full	24.33	18.2	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Left	24.88	18.75	30	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Inner_1RB_Right	23.71	17.58	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	22.36	16.23	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_Full	22.38	16.25	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Left	22.76	16.63	30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Inner_1RB_Right	21.41	15.28	30	PASS

Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Condition	Band	SCS	Bandwidth	Channel	Modulation	RB Conf	Ant1	Ant8	Result	EIRP	Limit	Verdict
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Outer_Full	26.57	25.71	29.17	23.04	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Inner_Full	28.16	27.33	30.78	24.65	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Inner_1RB_Left	28.16	27.34	30.78	24.65	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Inner_1RB_Right	28.08	27.2	30.67	24.54	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Edge_1RB_Left	22.09	21.25	24.7	18.57	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-BPSK	Edge_1RB_Right	22.04	21.24	24.67	18.54	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Outer_Full	26.06	25.2	28.66	22.53	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Inner_Full	28.12	27.3	30.74	24.61	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Inner_1RB_Left	28.19	27.38	30.81	24.68	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Inner_1RB_Right	28.15	27.28	30.75	24.62	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Edge_1RB_Left	21.68	20.82	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-QPSK	Edge_1RB_Right	21.49	20.7	24.12	17.99	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Outer_Full	25.12	24.38	27.78	21.65	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Inner_Full	27.05	26.26	29.69	23.56	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Inner_1RB_Left	27.18	26.28	29.76	23.63	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Inner_1RB_Right	27.05	26.27	29.68	23.55	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Edge_1RB_Left	21.63	20.98	24.32	18.19	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-16QAM	Edge_1RB_Right	21.67	20.83	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-64QAM	Outer_Full	24.65	23.79	27.25	21.12	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-64QAM	Inner_Full	25.19	24.33	27.79	21.66	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-	Inner_1RB_Left	25.11	24.33	27.75	21.62	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	10	L	DFT-64QAM	Inner_1RB_Right	25.25	24.47	27.88	21.75	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-64QAM	Edge_1RB_Left	21.8	21.03	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-64QAM	Edge_1RB_Right	21.74	20.89	24.34	18.21	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Outer_Full	22.36	21.53	24.98	18.85	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Inner_Full	22.59	21.77	25.21	19.08	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Inner_1RB_Left	22.58	21.67	25.16	19.03	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Inner_1RB_Right	22.69	21.82	25.29	19.16	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Edge_1RB_Left	21.49	20.74	24.14	18.01	30	PASS
NTNV	n77(3450-3550)	30	10	L	DFT-256QAM	Edge_1RB_Right	21.56	20.74	24.18	18.05	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Outer_Full	26.34	25.77	29.07	22.94	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Inner_Full	27.87	27.29	30.6	24.47	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Inner_1RB_Left	27.94	27.31	30.65	24.52	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Inner_1RB_Right	27.71	27.32	30.53	24.4	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Edge_1RB_Left	21.69	21.23	24.48	18.35	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-BPSK	Edge_1RB_Right	21.6	21.14	24.39	18.26	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Outer_Full	25.81	25.25	28.55	22.42	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Inner_Full	27.72	27.26	30.5	24.37	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Inner_1RB_Left	27.81	27.28	30.56	24.43	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Inner_1RB_Right	27.49	27.23	30.37	24.24	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Edge_1RB_Left	21.3	20.7	24.02	17.89	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-QPSK	Edge_1RB_Right	21.12	20.79	23.97	17.84	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-16QAM	Outer_Full	24.69	24.25	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-	Inner_Full	26.6	26.17	29.4	23.27	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	10	M	DFT-16QAM	Inner_1RB_Left	26.84	26.32	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-16QAM	Inner_1RB_Right	26.64	26.17	29.42	23.29	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-16QAM	Edge_1RB_Left	21.27	20.79	24.04	17.91	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-16QAM	Edge_1RB_Right	21.16	20.75	23.97	17.84	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Outer_Full	24.27	23.82	27.06	20.93	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Inner_Full	24.8	24.32	27.58	21.45	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Inner_1RB_Left	25	24.41	27.73	21.6	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Inner_1RB_Right	24.87	24.47	27.69	21.56	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Edge_1RB_Left	21.56	20.93	24.27	18.14	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-64QAM	Edge_1RB_Right	21.31	20.97	24.16	18.03	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Outer_Full	22.36	21.84	25.12	18.99	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Inner_Full	22.25	21.82	25.05	18.92	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Inner_1RB_Left	22.27	21.79	25.04	18.91	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Inner_1RB_Right	22.06	21.73	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Edge_1RB_Left	21.3	20.77	24.05	17.92	30	PASS
NTNV	n77(3450-3550)	30	10	M	DFT-256QAM	Edge_1RB_Right	21.02	20.68	23.87	17.74	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Outer_Full	26.14	25.46	28.83	22.7	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Inner_Full	27.64	27	30.34	24.21	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Inner_1RB_Left	27.76	27.1	30.45	24.32	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Inner_1RB_Right	27.51	26.96	30.25	24.12	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Edge_1RB_Left	21.5	21.06	24.3	18.17	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-BPSK	Edge_1RB_Right	21.49	21	24.26	18.13	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-	Outer_Full	25.58	24.93	28.27	22.14	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	10	H	DFT-QPSK	Inner_Full	27.57	26.95	30.28	24.15	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-QPSK	Inner_1RB_Left	27.55	27.01	30.3	24.17	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-QPSK	Inner_1RB_Right	27.51	26.96	30.25	24.12	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-QPSK	Edge_1RB_Left	21.12	20.44	23.8	17.67	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-QPSK	Edge_1RB_Right	20.99	20.37	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Outer_Full	24.59	23.97	27.3	21.17	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Inner_Full	26.56	25.94	29.27	23.14	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Inner_1RB_Left	26.67	26.1	29.4	23.27	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Inner_1RB_Right	26.55	25.9	29.25	23.12	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Edge_1RB_Left	21.22	20.6	23.93	17.8	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-16QAM	Edge_1RB_Right	21.07	20.4	23.76	17.63	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Outer_Full	24.08	23.42	26.78	20.65	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Inner_Full	24.6	24.04	27.34	21.21	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Inner_1RB_Left	24.74	24.09	27.44	21.31	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Inner_1RB_Right	24.73	24.01	27.4	21.27	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Edge_1RB_Left	21.24	20.57	23.93	17.8	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-64QAM	Edge_1RB_Right	21.21	20.5	23.88	17.75	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Outer_Full	22.16	21.57	24.89	18.76	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Inner_Full	22.12	21.53	24.85	18.72	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Inner_1RB_Left	22.08	21.53	24.82	18.69	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Inner_1RB_Right	22.01	21.5	24.78	18.65	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Edge_1RB_Left	20.96	20.4	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	10	H	DFT-256QAM	Edge_1RB_Right	20.93	20.3	23.63	17.5	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Outer_Full	26.56	25.8	29.2	23.07	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Inner_Full	28.04	27.22	30.66	24.53	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Inner_1RB_Left	28.1	27.27	30.71	24.58	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Inner_1RB_Right	27.89	27.19	30.56	24.43	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Edge_1RB_Left	22.24	21.28	24.8	18.67	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-BPSK	Edge_1RB_Right	21.86	21.31	24.6	18.47	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Outer_Full	26.03	25.25	28.67	22.54	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Inner_Full	28.05	27.16	30.64	24.51	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Inner_1RB_Left	28.01	27.21	30.64	24.51	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Inner_1RB_Right	27.9	27.16	30.56	24.43	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Edge_1RB_Left	21.64	20.82	24.26	18.13	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-QPSK	Edge_1RB_Right	21.53	20.76	24.17	18.04	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Outer_Full	25.09	24.22	27.68	21.55	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Inner_Full	26.98	26.16	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Inner_1RB_Left	27.16	26.36	29.79	23.66	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Inner_1RB_Right	26.97	26.22	29.62	23.49	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Edge_1RB_Left	21.65	20.84	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-16QAM	Edge_1RB_Right	21.49	20.76	24.15	18.02	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-64QAM	Outer_Full	24.59	23.83	27.24	21.11	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-64QAM	Inner_Full	25.07	24.21	27.67	21.54	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-64QAM	Inner_1RB_Left	25.14	24.36	27.78	21.65	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-64QAM	Inner_1RB_Right	25.2	24.32	27.79	21.66	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-	Edge_1RB_Left	21.7	20.98	24.36	18.23	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	15	L	DFT-64QAM	Edge_1RB_Right	21.69	20.79	24.27	18.14	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Outer_Full	22.69	21.87	25.31	19.18	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Inner_Full	22.58	21.76	25.2	19.07	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Inner_1RB_Left	22.51	21.81	25.19	19.06	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Inner_1RB_Right	22.6	21.72	25.19	19.06	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Edge_1RB_Left	21.71	20.95	24.35	18.22	30	PASS
NTNV	n77(3450-3550)	30	15	L	DFT-256QAM	Edge_1RB_Right	21.66	20.86	24.29	18.16	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Outer_Full	26.15	25.68	28.93	22.8	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Inner_Full	27.64	27.23	30.45	24.32	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Inner_1RB_Left	27.68	27.12	30.42	24.29	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Inner_1RB_Right	27.4	27.04	30.23	24.1	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Edge_1RB_Left	21.69	21.29	24.5	18.37	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-BPSK	Edge_1RB_Right	21.44	21.15	24.31	18.18	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Outer_Full	25.65	25.18	28.43	22.3	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Inner_Full	27.63	27.1	30.38	24.25	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Inner_1RB_Left	27.73	27.05	30.41	24.28	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Inner_1RB_Right	27.33	27	30.18	24.05	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Edge_1RB_Left	21.27	20.77	24.04	17.91	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-QPSK	Edge_1RB_Right	21.02	20.61	23.83	17.7	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-16QAM	Outer_Full	24.64	24.19	27.43	21.3	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-16QAM	Inner_Full	26.61	26.02	29.34	23.21	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-16QAM	Inner_1RB_Left	26.78	26.24	29.53	23.4	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-	Inner_1RB_Right	26.52	26.19	29.37	23.24	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	15	M	DFT-16QAM	Edge_1RB_Left	21.49	20.88	24.2	18.07	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-16QAM	Edge_1RB_Right	21.04	20.79	23.93	17.8	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Outer_Full	24.11	23.64	26.89	20.76	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Inner_Full	24.64	24.16	27.42	21.29	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Inner_1RB_Left	24.76	24.29	27.54	21.41	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Inner_1RB_Right	24.72	24.32	27.53	21.4	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Edge_1RB_Left	21.42	20.91	24.18	18.05	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-64QAM	Edge_1RB_Right	20.9	20.63	23.78	17.65	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Outer_Full	22.28	21.79	25.05	18.92	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Inner_Full	22.28	21.74	25.03	18.9	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Inner_1RB_Left	22.35	21.89	25.14	19.01	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Inner_1RB_Right	22.16	21.85	25.02	18.89	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Edge_1RB_Left	21.32	20.67	24.02	17.89	30	PASS
NTNV	n77(3450-3550)	30	15	M	DFT-256QAM	Edge_1RB_Right	20.97	20.64	23.82	17.69	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Outer_Full	25.97	25.45	28.73	22.6	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Inner_Full	27.46	26.99	30.24	24.11	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Inner_1RB_Left	27.49	26.97	30.25	24.12	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Inner_1RB_Right	27.37	26.78	30.09	23.96	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Edge_1RB_Left	21.6	21.08	24.36	18.23	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-BPSK	Edge_1RB_Right	21.41	20.82	24.13	18	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-QPSK	Outer_Full	25.5	25.03	28.28	22.15	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-QPSK	Inner_Full	27.51	26.89	30.22	24.09	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-	Inner_1RB_Left	27.42	27.01	30.23	24.1	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	15	H	DFT-QPSK	Inner_1RB_Right	27.3	26.74	30.04	23.91	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-QPSK	Edge_1RB_Left	21.12	20.61	23.89	17.76	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-QPSK	Edge_1RB_Right	20.96	20.45	23.72	17.59	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Outer_Full	24.45	23.99	27.23	21.1	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Inner_Full	26.52	25.93	29.25	23.12	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Inner_1RB_Left	26.56	26.22	29.4	23.27	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Inner_1RB_Right	26.52	25.95	29.25	23.12	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Edge_1RB_Left	21.24	20.65	23.97	17.84	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-16QAM	Edge_1RB_Right	21.07	20.49	23.8	17.67	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Outer_Full	23.92	23.57	26.76	20.63	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Inner_Full	24.45	23.92	27.21	21.08	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Inner_1RB_Left	24.74	24.23	27.5	21.37	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Inner_1RB_Right	24.48	24.07	27.29	21.16	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Edge_1RB_Left	20.99	20.49	23.76	17.63	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-64QAM	Edge_1RB_Right	20.91	20.43	23.69	17.56	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Outer_Full	22.16	21.65	24.92	18.79	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Inner_Full	22.06	21.63	24.86	18.73	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Inner_1RB_Left	22.2	21.67	24.95	18.82	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Inner_1RB_Right	21.87	21.35	24.63	18.5	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Edge_1RB_Left	21.04	20.5	23.79	17.66	30	PASS
NTNV	n77(3450-3550)	30	15	H	DFT-256QAM	Edge_1RB_Right	20.75	20.33	23.56	17.43	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Outer_Full	26.67	25.89	29.31	23.18	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Inner_Full	28.11	27.28	30.72	24.59	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Inner_1RB_Left	28.22	27.34	30.81	24.68	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Inner_1RB_Right	27.8	27.13	30.49	24.36	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Edge_1RB_Left	22.06	21.24	24.68	18.55	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-BPSK	Edge_1RB_Right	21.7	21.14	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Outer_Full	26.16	25.3	28.76	22.63	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Inner_Full	28.03	27.26	30.67	24.54	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Inner_1RB_Left	28.08	27.31	30.72	24.59	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Inner_1RB_Right	27.77	27.03	30.43	24.3	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Edge_1RB_Left	21.57	20.77	24.2	18.07	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-QPSK	Edge_1RB_Right	21.36	20.59	24	17.87	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Outer_Full	25.04	24.23	27.66	21.53	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Inner_Full	27	26.24	29.64	23.51	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Inner_1RB_Left	27.16	26.42	29.82	23.69	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Inner_1RB_Right	26.8	26.13	29.49	23.36	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Edge_1RB_Left	21.76	20.88	24.35	18.22	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-16QAM	Edge_1RB_Right	21.34	20.79	24.08	17.95	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Outer_Full	24.52	23.82	27.2	21.07	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Inner_Full	25.09	24.25	27.7	21.57	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Inner_1RB_Left	25.31	24.53	27.95	21.82	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Inner_1RB_Right	25.01	24.23	27.65	21.52	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Edge_1RB_Left	21.71	20.88	24.32	18.19	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-64QAM	Edge_1RB_Right	21.18	20.53	23.88	17.75	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-	Outer_Full	24.61	23.76	27.21	21.08	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	20	L	DFT-256QAM	Inner_Full	22.56	21.79	25.2	19.07	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-256QAM	Inner_1RB_Left	22.67	21.83	25.28	19.15	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-256QAM	Inner_1RB_Right	22.44	21.65	25.08	18.95	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-256QAM	Edge_1RB_Left	21.51	20.77	24.16	18.03	30	PASS
NTNV	n77(3450-3550)	30	20	L	DFT-256QAM	Edge_1RB_Right	21.18	20.57	23.9	17.77	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Outer_Full	26.14	25.78	28.98	22.85	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Inner_Full	27.71	27.24	30.49	24.36	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Inner_1RB_Left	27.84	27.16	30.52	24.39	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Inner_1RB_Right	27.44	27.11	30.29	24.16	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Edge_1RB_Left	21.68	21.16	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-BPSK	Edge_1RB_Right	21.35	21.09	24.23	18.1	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Outer_Full	25.74	25.29	28.53	22.4	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Inner_Full	27.68	27.25	30.48	24.35	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Inner_1RB_Left	27.74	27.17	30.47	24.34	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Inner_1RB_Right	27.44	27.06	30.27	24.14	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Edge_1RB_Left	21.27	20.74	24.03	17.9	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-QPSK	Edge_1RB_Right	20.83	20.57	23.71	17.58	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Outer_Full	24.69	24.23	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Inner_Full	26.68	26.27	29.49	23.36	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Inner_1RB_Left	26.74	26.09	29.44	23.31	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Inner_1RB_Right	26.39	26.1	29.26	23.13	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Edge_1RB_Left	21.39	20.78	24.1	17.97	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-16QAM	Edge_1RB_Right	20.82	20.6	23.72	17.59	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Outer_Full	24.24	23.76	27.02	20.89	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Inner_Full	24.62	24.13	27.39	21.26	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Inner_1RB_Left	24.8	24.2	27.52	21.39	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Inner_1RB_Right	24.48	24.25	27.38	21.25	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Edge_1RB_Left	21.37	20.81	24.11	17.98	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-64QAM	Edge_1RB_Right	21.06	20.89	23.98	17.85	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Outer_Full	22.27	21.87	25.08	18.95	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Inner_Full	22.2	21.77	25	18.87	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Inner_1RB_Left	22.26	21.62	24.96	18.83	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Inner_1RB_Right	21.89	21.63	24.77	18.64	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Edge_1RB_Left	21.18	20.62	23.92	17.79	30	PASS
NTNV	n77(3450-3550)	30	20	M	DFT-256QAM	Edge_1RB_Right	20.8	20.52	23.68	17.55	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Outer_Full	26.17	25.68	28.94	22.81	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Inner_Full	27.53	26.94	30.25	24.12	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Inner_1RB_Left	27.49	27.07	30.3	24.17	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Inner_1RB_Right	27.38	26.8	30.11	23.98	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Edge_1RB_Left	21.42	21.04	24.25	18.12	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-BPSK	Edge_1RB_Right	21.25	20.74	24.01	17.88	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-QPSK	Outer_Full	25.56	25.08	28.34	22.21	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-QPSK	Inner_Full	27.4	26.92	30.18	24.05	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-QPSK	Inner_1RB_Left	27.51	27.08	30.31	24.18	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-QPSK	Inner_1RB_Right	27.37	26.79	30.1	23.97	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-	Edge_1RB_Left	21.02	20.61	23.83	17.7	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	20	H	DFT-QPSK	Edge_1RB_Right	20.85	20.3	23.59	17.46	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Outer_Full	24.46	24.01	27.25	21.12	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Inner_Full	26.5	25.92	29.23	23.1	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Inner_1RB_Left	26.53	26.03	29.3	23.17	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Inner_1RB_Right	26.3	25.77	29.05	22.92	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Edge_1RB_Left	21.04	20.66	23.86	17.73	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-16QAM	Edge_1RB_Right	20.84	20.27	23.58	17.45	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Outer_Full	23.99	23.42	26.72	20.59	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Inner_Full	24.57	24.03	27.31	21.18	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Inner_1RB_Left	24.49	24.15	27.34	21.21	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Inner_1RB_Right	24.54	23.88	27.23	21.1	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Edge_1RB_Left	20.96	20.6	23.79	17.66	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-64QAM	Edge_1RB_Right	21.04	20.42	23.75	17.62	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Outer_Full	22.07	21.58	24.84	18.71	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Inner_Full	22.03	21.49	24.78	18.65	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Inner_1RB_Left	22.16	21.65	24.92	18.79	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Inner_1RB_Right	21.89	21.37	24.65	18.52	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Edge_1RB_Left	20.91	20.52	23.73	17.6	30	PASS
NTNV	n77(3450-3550)	30	20	H	DFT-256QAM	Edge_1RB_Right	20.82	20.4	23.62	17.49	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Outer_Full	26.46	25.7	29.11	22.98	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Inner_Full	28.01	27.39	30.72	24.59	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Inner_1RB_Left	28.09	27.25	30.7	24.57	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Inner_1RB_Right	27.61	26.99	30.32	24.19	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Edge_1RB_Left	22.15	21.36	24.79	18.66	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-BPSK	Edge_1RB_Right	21.68	21.1	24.41	18.28	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Outer_Full	25.95	25.31	28.65	22.52	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Inner_Full	28.06	27.3	30.71	24.58	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Inner_1RB_Left	28.12	27.32	30.75	24.62	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Inner_1RB_Right	27.65	26.93	30.32	24.19	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Edge_1RB_Left	21.65	20.89	24.3	18.17	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-QPSK	Edge_1RB_Right	21.24	20.56	23.92	17.79	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Outer_Full	25.1	24.37	27.76	21.63	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Inner_Full	27.16	26.25	29.74	23.61	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Inner_1RB_Left	27.16	26.36	29.79	23.66	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Inner_1RB_Right	26.76	26.21	29.5	23.37	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Edge_1RB_Left	21.84	21.02	24.46	18.33	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-16QAM	Edge_1RB_Right	21.28	20.51	23.92	17.79	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Outer_Full	24.58	23.83	27.23	21.1	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Inner_Full	25.16	24.41	27.81	21.68	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Inner_1RB_Left	25.14	24.34	27.77	21.64	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Inner_1RB_Right	24.87	24.23	27.57	21.44	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Edge_1RB_Left	21.95	21.07	24.54	18.41	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-64QAM	Edge_1RB_Right	21.16	20.62	23.91	17.78	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-256QAM	Outer_Full	24.62	23.81	27.25	21.12	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-256QAM	Inner_Full	22.5	21.86	25.2	19.07	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-	Inner_1RB_Left	22.59	21.77	25.21	19.08	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	25	L	DFT-256QAM	Inner_1RB_Right	22.23	21.58	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-256QAM	Edge_1RB_Left	21.57	20.95	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	25	L	DFT-256QAM	Edge_1RB_Right	21.31	20.74	24.04	17.91	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Outer_Full	26.28	25.77	29.04	22.91	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Inner_Full	27.78	27.36	30.59	24.46	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Inner_1RB_Left	27.82	27.09	30.48	24.35	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Inner_1RB_Right	27.22	27.03	30.14	24.01	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Edge_1RB_Left	21.87	21.2	24.56	18.43	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-BPSK	Edge_1RB_Right	21.25	21.14	24.2	18.07	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Outer_Full	25.68	25.21	28.46	22.33	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Inner_Full	27.71	27.2	30.47	24.34	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Inner_1RB_Left	27.83	27.14	30.51	24.38	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Inner_1RB_Right	27.2	27.04	30.13	24	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Edge_1RB_Left	21.37	20.79	24.1	17.97	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-QPSK	Edge_1RB_Right	20.8	20.61	23.71	17.58	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Outer_Full	24.69	24.21	27.47	21.34	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Inner_Full	26.6	26.18	29.41	23.28	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Inner_1RB_Left	26.84	26.3	29.59	23.46	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Inner_1RB_Right	26.29	26.09	29.2	23.07	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Edge_1RB_Left	21.63	20.95	24.31	18.18	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-16QAM	Edge_1RB_Right	20.89	20.76	23.84	17.71	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-64QAM	Outer_Full	24.22	23.76	27	20.87	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-	Inner_Full	24.82	24.23	27.54	21.41	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	25	M	DFT-64QAM	Inner_1RB_Left	24.81	24.32	27.58	21.45	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-64QAM	Inner_1RB_Right	24.29	24.02	27.16	21.03	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-64QAM	Edge_1RB_Left	21.21	20.6	23.93	17.8	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-64QAM	Edge_1RB_Right	20.69	20.5	23.61	17.48	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Outer_Full	24.3	23.84	27.09	20.96	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Inner_Full	22.25	21.93	25.1	18.97	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Inner_1RB_Left	22.46	21.82	25.16	19.03	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Inner_1RB_Right	21.84	21.75	24.8	18.67	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Edge_1RB_Left	21.55	20.98	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	25	M	DFT-256QAM	Edge_1RB_Right	20.68	20.6	23.65	17.52	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Outer_Full	26.15	25.61	28.9	22.77	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Inner_Full	27.59	27.1	30.36	24.23	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Inner_1RB_Left	27.49	27.14	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Inner_1RB_Right	27.28	26.72	30.02	23.89	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Edge_1RB_Left	21.58	21.22	24.42	18.29	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-BPSK	Edge_1RB_Right	21.4	20.79	24.12	17.99	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Outer_Full	25.63	24.98	28.33	22.2	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Inner_Full	27.59	27.03	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Inner_1RB_Left	27.57	27.04	30.32	24.19	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Inner_1RB_Right	27.24	26.68	29.98	23.85	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Edge_1RB_Left	21.19	20.65	23.94	17.81	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-QPSK	Edge_1RB_Right	20.84	20.34	23.61	17.48	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-	Outer_Full	24.49	24.09	27.3	21.17	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	25	H	DFT-16QAM	Inner_Full	26.48	25.96	29.24	23.11	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-16QAM	Inner_1RB_Left	26.52	26.15	29.35	23.22	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-16QAM	Inner_1RB_Right	26.26	25.7	29	22.87	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-16QAM	Edge_1RB_Left	21.23	20.79	24.02	17.89	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-16QAM	Edge_1RB_Right	20.89	20.49	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Outer_Full	24.09	23.57	26.85	20.72	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Inner_Full	24.57	24.06	27.33	21.2	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Inner_1RB_Left	24.73	24.37	27.56	21.43	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Inner_1RB_Right	24.34	23.82	27.1	20.97	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Edge_1RB_Left	21	20.67	23.85	17.72	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-64QAM	Edge_1RB_Right	21.04	20.51	23.79	17.66	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Outer_Full	22.04	21.59	24.83	18.7	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Inner_Full	22.12	21.62	24.89	18.76	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Inner_1RB_Left	22.14	21.68	24.92	18.79	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Inner_1RB_Right	21.93	21.31	24.65	18.52	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Edge_1RB_Left	21.13	20.87	24.01	17.88	30	PASS
NTNV	n77(3450-3550)	30	25	H	DFT-256QAM	Edge_1RB_Right	20.89	20.26	23.6	17.47	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Outer_Full	26.51	25.77	29.16	23.03	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Inner_Full	28.13	27.42	30.8	24.67	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Inner_1RB_Left	28.18	27.43	30.83	24.7	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Inner_1RB_Right	27.65	26.96	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Edge_1RB_Left	22.16	21.45	24.83	18.7	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-BPSK	Edge_1RB_Right	21.57	21.04	24.33	18.2	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Outer_Full	25.99	25.27	28.66	22.53	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Inner_Full	28.04	27.41	30.75	24.62	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Inner_1RB_Left	28.12	27.48	30.82	24.69	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Inner_1RB_Right	27.62	26.99	30.32	24.19	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Edge_1RB_Left	21.72	20.94	24.36	18.23	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-QPSK	Edge_1RB_Right	21.11	20.52	23.84	17.71	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Outer_Full	25.02	24.32	27.69	21.56	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Inner_Full	26.95	26.27	29.64	23.51	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Inner_1RB_Left	27.12	26.53	29.85	23.72	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Inner_1RB_Right	26.53	25.87	29.22	23.09	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Edge_1RB_Left	21.82	21.06	24.46	18.33	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-16QAM	Edge_1RB_Right	21.06	20.56	23.83	17.7	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Outer_Full	24.43	23.85	27.16	21.03	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Inner_Full	25.03	24.4	27.73	21.6	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Inner_1RB_Left	25.29	24.64	27.98	21.85	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Inner_1RB_Right	24.59	24.14	27.38	21.25	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Edge_1RB_Left	21.9	21.1	24.53	18.4	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-64QAM	Edge_1RB_Right	21.09	20.47	23.8	17.67	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-256QAM	Outer_Full	22.57	21.92	25.27	19.14	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-256QAM	Inner_Full	22.59	21.92	25.28	19.15	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-256QAM	Inner_1RB_Left	22.67	22.04	25.38	19.25	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-256QAM	Inner_1RB_Right	22.38	21.5	24.97	18.84	30	PASS
NTNV	n77(3450-3550)	30	30	L	DFT-	Edge_1RB_Left	21.54	20.86	24.22	18.09	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	30	L	DFT-256QAM	Edge_1RB_Right	21.25	20.67	23.98	17.85	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Outer_Full	26.22	25.71	28.98	22.85	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Inner_Full	27.72	27.26	30.51	24.38	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Inner_1RB_Left	27.78	27.27	30.54	24.41	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Inner_1RB_Right	27.27	27.04	30.17	24.04	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Edge_1RB_Left	21.75	21.28	24.53	18.4	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-BPSK	Edge_1RB_Right	21.23	21.06	24.15	18.02	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Outer_Full	25.61	25.21	28.42	22.29	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Inner_Full	27.67	27.21	30.45	24.32	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Inner_1RB_Left	27.78	27.28	30.55	24.42	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Inner_1RB_Right	27.32	27.1	30.22	24.09	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Edge_1RB_Left	21.33	20.87	24.11	17.98	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-QPSK	Edge_1RB_Right	20.79	20.54	23.68	17.55	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Outer_Full	24.62	24.25	27.45	21.32	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Inner_Full	26.61	26.07	29.36	23.23	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Inner_1RB_Left	26.81	26.21	29.53	23.4	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Inner_1RB_Right	26.31	26.08	29.21	23.08	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Edge_1RB_Left	21.5	20.94	24.24	18.11	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-16QAM	Edge_1RB_Right	20.99	20.75	23.88	17.75	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-64QAM	Outer_Full	24.19	23.72	26.97	20.84	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-64QAM	Inner_Full	24.77	24.23	27.52	21.39	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-64QAM	Inner_1RB_Left	24.89	24.28	27.6	21.47	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-	Inner_1RB_Right	24.29	24.04	27.18	21.05	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	30	M	DFT-64QAM	Edge_1RB_Left	21.34	20.78	24.08	17.95	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-64QAM	Edge_1RB_Right	20.98	20.69	23.84	17.71	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Outer_Full	22.11	21.7	24.92	18.79	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Inner_Full	22.29	21.81	25.07	18.94	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Inner_1RB_Left	22.35	21.9	25.14	19.01	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Inner_1RB_Right	21.85	21.56	24.72	18.59	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Edge_1RB_Left	21.22	20.74	24	17.87	30	PASS
NTNV	n77(3450-3550)	30	30	M	DFT-256QAM	Edge_1RB_Right	20.69	20.44	23.58	17.45	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Outer_Full	26.08	25.59	28.85	22.72	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Inner_Full	27.58	27.17	30.39	24.26	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Inner_1RB_Left	27.66	27.24	30.46	24.33	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Inner_1RB_Right	27.37	26.88	30.14	24.01	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Edge_1RB_Left	21.57	21.27	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-BPSK	Edge_1RB_Right	21.32	20.85	24.1	17.97	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Outer_Full	25.56	25.06	28.33	22.2	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Inner_Full	27.59	26.95	30.29	24.16	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Inner_1RB_Left	27.67	27.26	30.48	24.35	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Inner_1RB_Right	27.36	26.77	30.09	23.96	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Edge_1RB_Left	21.13	20.89	24.02	17.89	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-QPSK	Edge_1RB_Right	20.83	20.38	23.62	17.49	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-16QAM	Outer_Full	24.58	23.98	27.3	21.17	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-16QAM	Inner_Full	26.53	25.89	29.23	23.1	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-	Inner_1RB_Left	26.61	26.29	29.46	23.33	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	30	H	DFT-16QAM	Inner_1RB_Right	26.28	26	29.15	23.02	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-16QAM	Edge_1RB_Left	21.07	20.88	23.99	17.86	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-16QAM	Edge_1RB_Right	20.94	20.57	23.77	17.64	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Outer_Full	24.12	23.54	26.85	20.72	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Inner_Full	24.64	24.04	27.36	21.23	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Inner_1RB_Left	24.78	24.35	27.58	21.45	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Inner_1RB_Right	24.51	23.88	27.21	21.08	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Edge_1RB_Left	21.28	21.02	24.16	18.03	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-64QAM	Edge_1RB_Right	20.94	20.39	23.68	17.55	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Outer_Full	22.04	21.61	24.84	18.71	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Inner_Full	22.14	21.64	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Inner_1RB_Left	22.1	21.82	24.97	18.84	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Inner_1RB_Right	21.85	21.32	24.6	18.47	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Edge_1RB_Left	21.08	20.79	23.95	17.82	30	PASS
NTNV	n77(3450-3550)	30	30	H	DFT-256QAM	Edge_1RB_Right	20.77	20.29	23.55	17.42	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Outer_Full	26.52	25.77	29.17	23.04	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Inner_Full	28.03	27.38	30.72	24.59	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Inner_1RB_Left	28.06	27.34	30.72	24.59	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Inner_1RB_Right	27.42	26.8	30.13	24	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Edge_1RB_Left	22.08	21.49	24.8	18.67	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-BPSK	Edge_1RB_Right	21.41	20.79	24.12	17.99	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-QPSK	Outer_Full	25.93	25.31	28.64	22.51	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-	Inner_Full	27.99	27.36	30.7	24.57	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	40	L	DFT-QPSK	Inner_1RB_Left	28.09	27.31	30.73	24.6	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-QPSK	Inner_1RB_Right	27.44	26.78	30.14	24.01	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-QPSK	Edge_1RB_Left	21.65	20.86	24.28	18.15	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-QPSK	Edge_1RB_Right	20.97	20.4	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Outer_Full	25.03	24.24	27.67	21.54	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Inner_Full	26.95	26.28	29.64	23.51	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Inner_1RB_Left	27.15	26.48	29.84	23.71	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Inner_1RB_Right	26.51	25.94	29.25	23.12	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Edge_1RB_Left	21.81	21.05	24.46	18.33	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-16QAM	Edge_1RB_Right	21.17	20.48	23.85	17.72	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Outer_Full	24.41	23.93	27.19	21.06	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Inner_Full	24.85	24.4	27.64	21.51	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Inner_1RB_Left	25.26	24.53	27.93	21.8	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Inner_1RB_Right	24.47	23.92	27.22	21.09	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Edge_1RB_Left	21.69	20.84	24.3	18.17	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-64QAM	Edge_1RB_Right	20.92	20.46	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Outer_Full	22.7	21.93	25.34	19.21	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Inner_Full	22.7	22.02	25.38	19.25	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Inner_1RB_Left	22.8	21.97	25.41	19.28	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Inner_1RB_Right	21.83	21.26	24.57	18.44	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Edge_1RB_Left	21.56	20.87	24.24	18.11	30	PASS
NTNV	n77(3450-3550)	30	40	L	DFT-256QAM	Edge_1RB_Right	21.03	20.4	23.74	17.61	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Outer_Full	26.08	25.71	28.91	22.78	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Inner_Full	27.79	27.24	30.53	24.4	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Inner_1RB_Left	27.7	27.19	30.47	24.34	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Inner_1RB_Right	27.06	26.71	29.9	23.77	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Edge_1RB_Left	21.66	21.22	24.46	18.33	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-BPSK	Edge_1RB_Right	21.06	20.81	23.95	17.82	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Outer_Full	25.59	25.23	28.42	22.29	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Inner_Full	27.65	27.21	30.45	24.32	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Inner_1RB_Left	27.68	27.18	30.44	24.31	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Inner_1RB_Right	27	26.75	29.89	23.76	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Edge_1RB_Left	21.27	20.84	24.07	17.94	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-QPSK	Edge_1RB_Right	20.63	20.37	23.51	17.38	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Outer_Full	24.71	24.25	27.5	21.37	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Inner_Full	26.67	26.22	29.47	23.34	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Inner_1RB_Left	26.83	26.33	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Inner_1RB_Right	26.21	25.99	29.11	22.98	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Edge_1RB_Left	21.57	21.05	24.33	18.2	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-16QAM	Edge_1RB_Right	20.97	20.51	23.76	17.63	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Outer_Full	24.21	23.76	27	20.87	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Inner_Full	24.76	24.25	27.52	21.39	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Inner_1RB_Left	24.84	24.24	27.56	21.43	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Inner_1RB_Right	24.34	24.1	27.23	21.1	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Edge_1RB_Left	21.31	20.79	24.07	17.94	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-64QAM	Edge_1RB_Right	20.69	20.37	23.54	17.41	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Outer_Full	22.16	21.81	25	18.87	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Inner_Full	22.29	21.84	25.08	18.95	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Inner_1RB_Left	22.15	21.74	24.96	18.83	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Inner_1RB_Right	21.76	21.4	24.59	18.46	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Edge_1RB_Left	21.27	20.81	24.06	17.93	30	PASS
NTNV	n77(3450-3550)	30	40	M	DFT-256QAM	Edge_1RB_Right	20.72	20.24	23.5	17.37	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Outer_Full	26.09	25.49	28.81	22.68	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Inner_Full	27.64	27.08	30.37	24.24	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Inner_1RB_Left	27.48	27.17	30.34	24.21	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Inner_1RB_Right	27.11	26.59	29.87	23.74	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Edge_1RB_Left	21.42	21.43	24.43	18.3	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-BPSK	Edge_1RB_Right	21.15	20.66	23.92	17.79	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Outer_Full	25.57	25.08	28.34	22.21	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Inner_Full	27.58	27.04	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Inner_1RB_Left	27.42	27.15	30.29	24.16	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Inner_1RB_Right	27.12	26.51	29.83	23.7	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Edge_1RB_Left	21.01	20.89	23.96	17.83	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-QPSK	Edge_1RB_Right	20.75	20.15	23.47	17.34	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-16QAM	Outer_Full	24.54	24.1	27.34	21.21	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-16QAM	Inner_Full	26.44	26.05	29.26	23.13	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-16QAM	Inner_1RB_Left	26.49	26.43	29.47	23.34	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-16QAM	Inner_1RB_Right	26.19	25.62	28.93	22.8	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-	Edge_1RB_Left	21.31	20.97	24.15	18.02	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	40	H	DFT-16QAM	Edge_1RB_Right	20.89	20.26	23.6	17.47	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Outer_Full	24.02	23.54	26.8	20.67	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Inner_Full	24.45	24.11	27.3	21.17	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Inner_1RB_Left	24.73	24.43	27.59	21.46	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Inner_1RB_Right	24.14	23.59	26.88	20.75	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Edge_1RB_Left	21.16	20.93	24.06	17.93	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-64QAM	Edge_1RB_Right	20.9	20.2	23.58	17.45	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Outer_Full	22.11	21.59	24.87	18.74	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Inner_Full	22.19	21.73	24.97	18.84	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Inner_1RB_Left	22.14	21.93	25.05	18.92	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Inner_1RB_Right	21.61	21.07	24.36	18.23	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Edge_1RB_Left	21.2	20.87	24.05	17.92	30	PASS
NTNV	n77(3450-3550)	30	40	H	DFT-256QAM	Edge_1RB_Right	20.72	20.22	23.49	17.36	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Outer_Full	26.44	25.84	29.16	23.03	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Inner_Full	28.1	27.46	30.81	24.68	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Inner_1RB_Left	28.23	27.59	30.93	24.8	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Inner_1RB_Right	27.41	26.99	30.22	24.09	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Edge_1RB_Left	22.26	21.54	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-BPSK	Edge_1RB_Right	21.35	20.9	24.14	18.01	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Outer_Full	25.95	25.44	28.71	22.58	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Inner_Full	27.93	27.39	30.68	24.55	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Inner_1RB_Left	28.18	27.44	30.84	24.71	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Inner_1RB_Right	27.44	26.92	30.2	24.07	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Edge_1RB_Left	21.82	21.15	24.51	18.38	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-QPSK	Edge_1RB_Right	20.92	20.46	23.71	17.58	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Outer_Full	24.99	24.46	27.74	21.61	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Inner_Full	26.89	26.24	29.59	23.46	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Inner_1RB_Left	27.2	26.45	29.85	23.72	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Inner_1RB_Right	26.48	25.96	29.24	23.11	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Edge_1RB_Left	21.81	21.13	24.49	18.36	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-16QAM	Edge_1RB_Right	21.13	20.52	23.85	17.72	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Outer_Full	24.26	23.77	27.04	20.91	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Inner_Full	25.11	24.45	27.8	21.67	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Inner_1RB_Left	25.22	24.53	27.9	21.77	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Inner_1RB_Right	24.46	24.03	27.26	21.13	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Edge_1RB_Left	21.66	21.05	24.38	18.25	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-64QAM	Edge_1RB_Right	21.16	20.66	23.93	17.8	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Outer_Full	22.56	21.86	25.23	19.1	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Inner_Full	22.48	21.92	25.22	19.09	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Inner_1RB_Left	22.74	22.14	25.46	19.33	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Inner_1RB_Right	22	21.55	24.79	18.66	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Edge_1RB_Left	21.86	21.12	24.52	18.39	30	PASS
NTNV	n77(3450-3550)	30	50	L	DFT-256QAM	Edge_1RB_Right	21.09	20.63	23.88	17.75	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Outer_Full	26.25	25.81	29.04	22.91	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Inner_Full	27.86	27.39	30.64	24.51	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Inner_1RB_Left	28.05	27.42	30.76	24.63	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Inner_1RB_Right	27.23	26.87	30.06	23.93	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Edge_1RB_Left	22.04	21.47	24.78	18.65	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-BPSK	Edge_1RB_Right	21.24	20.87	24.07	17.94	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Outer_Full	25.74	25.4	28.58	22.45	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Inner_Full	27.86	27.41	30.65	24.52	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Inner_1RB_Left	27.9	27.4	30.67	24.54	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Inner_1RB_Right	27.12	26.86	30	23.87	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Edge_1RB_Left	21.47	21.1	24.3	18.17	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-QPSK	Edge_1RB_Right	20.81	20.51	23.68	17.55	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Outer_Full	24.75	24.4	27.59	21.46	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Inner_Full	26.81	26.34	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Inner_1RB_Left	27.18	26.67	29.94	23.81	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Inner_1RB_Right	26.4	26.03	29.23	23.1	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Edge_1RB_Left	21.71	21.35	24.54	18.41	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-16QAM	Edge_1RB_Right	20.91	20.68	23.81	17.68	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Outer_Full	24.26	23.82	27.06	20.93	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Inner_Full	24.92	24.48	27.71	21.58	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Inner_1RB_Left	25.17	24.58	27.89	21.76	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Inner_1RB_Right	24.41	24.16	27.3	21.17	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Edge_1RB_Left	21.45	21.06	24.27	18.14	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-64QAM	Edge_1RB_Right	20.78	20.41	23.61	17.48	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-256QAM	Outer_Full	24.33	23.99	27.18	21.05	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-	Inner_Full	22.28	21.99	25.14	19.01	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	50	M	DFT-256QAM	Inner_1RB_Left	22.49	22.13	25.32	19.19	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-256QAM	Inner_1RB_Right	21.84	21.47	24.67	18.54	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-256QAM	Edge_1RB_Left	21.68	21.18	24.45	18.32	30	PASS
NTNV	n77(3450-3550)	30	50	M	DFT-256QAM	Edge_1RB_Right	20.95	20.64	23.81	17.68	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Outer_Full	26.07	25.74	28.92	22.79	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Inner_Full	27.74	27.26	30.52	24.39	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Inner_1RB_Left	27.92	27.41	30.68	24.55	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Inner_1RB_Right	27.27	26.61	29.97	23.84	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Edge_1RB_Left	21.98	21.48	24.75	18.62	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-BPSK	Edge_1RB_Right	21.3	20.64	23.99	17.86	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Outer_Full	25.61	25.15	28.4	22.27	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Inner_Full	27.56	27.28	30.43	24.3	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Inner_1RB_Left	27.82	27.44	30.65	24.52	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Inner_1RB_Right	27.28	26.63	29.98	23.85	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Edge_1RB_Left	21.39	21.01	24.22	18.09	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-QPSK	Edge_1RB_Right	20.83	20.2	23.54	17.41	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Outer_Full	24.65	24.29	27.49	21.36	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Inner_Full	26.54	26.26	29.41	23.28	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Inner_1RB_Left	26.91	26.49	29.72	23.59	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Inner_1RB_Right	26.31	25.65	29	22.87	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Edge_1RB_Left	21.51	21.08	24.31	18.18	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-16QAM	Edge_1RB_Right	20.96	20.27	23.64	17.51	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-	Outer_Full	24.04	23.7	26.89	20.76	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	50	H	DFT-64QAM	Inner_Full	24.65	24.28	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-64QAM	Inner_1RB_Left	24.92	24.44	27.7	21.57	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-64QAM	Inner_1RB_Right	24.39	23.88	27.15	21.02	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-64QAM	Edge_1RB_Left	21.3	20.94	24.13	18	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-64QAM	Edge_1RB_Right	20.83	20.2	23.54	17.41	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Outer_Full	22.19	21.8	25.01	18.88	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Inner_Full	22.2	21.8	25.01	18.88	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Inner_1RB_Left	22.33	21.87	25.12	18.99	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Inner_1RB_Right	21.81	21.18	24.52	18.39	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Edge_1RB_Left	21.46	21.15	24.31	18.18	30	PASS
NTNV	n77(3450-3550)	30	50	H	DFT-256QAM	Edge_1RB_Right	20.69	20.12	23.43	17.3	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Outer_Full	26.4	25.68	29.07	22.94	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Inner_Full	27.83	27.15	30.51	24.38	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Inner_1RB_Left	28.14	27.3	30.75	24.62	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Inner_1RB_Right	26.99	26.69	29.85	23.72	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Edge_1RB_Left	22.07	21.34	24.73	18.6	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-BPSK	Edge_1RB_Right	20.94	20.62	23.79	17.66	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Outer_Full	25.61	25.19	28.42	22.29	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Inner_Full	27.69	27.14	30.43	24.3	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Inner_1RB_Left	28.11	27.41	30.78	24.65	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Inner_1RB_Right	27.03	26.65	29.86	23.73	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Edge_1RB_Left	21.64	20.93	24.31	18.18	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-QPSK	Edge_1RB_Right	20.41	20.16	23.3	17.17	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Outer_Full	24.62	24.13	27.39	21.26	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Inner_Full	26.58	26.03	29.33	23.2	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Inner_1RB_Left	27.2	26.4	29.83	23.7	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Inner_1RB_Right	26.09	25.6	28.86	22.73	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Edge_1RB_Left	21.58	21.07	24.34	18.21	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-16QAM	Edge_1RB_Right	20.49	20.11	23.32	17.19	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Outer_Full	24.18	23.61	26.91	20.78	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Inner_Full	24.68	24.21	27.46	21.33	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Inner_1RB_Left	25.15	24.29	27.76	21.63	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Inner_1RB_Right	24.16	23.84	27.01	20.88	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Edge_1RB_Left	21.65	20.94	24.32	18.19	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-64QAM	Edge_1RB_Right	20.62	20.24	23.44	17.31	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Outer_Full	22.2	21.64	24.94	18.81	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Inner_Full	22.21	21.75	25	18.87	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Inner_1RB_Left	22.64	22	25.34	19.21	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Inner_1RB_Right	21.49	21.18	24.35	18.22	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Edge_1RB_Left	21.55	20.85	24.22	18.09	30	PASS
NTNV	n77(3450-3550)	30	60	L	DFT-256QAM	Edge_1RB_Right	20.56	20.33	23.46	17.33	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Outer_Full	26.09	25.63	28.88	22.75	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Inner_Full	27.58	27.11	30.36	24.23	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Inner_1RB_Left	27.95	27.42	30.7	24.57	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Inner_1RB_Right	27.08	26.65	29.88	23.75	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Edge_1RB_Left	21.95	21.33	24.66	18.53	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	60	M	DFT-BPSK	Edge_1RB_Right	20.96	20.42	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Outer_Full	25.58	25.21	28.41	22.28	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Inner_Full	27.54	27.08	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Inner_1RB_Left	27.85	27.4	30.64	24.51	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Inner_1RB_Right	27.07	26.48	29.79	23.66	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Edge_1RB_Left	21.44	20.93	24.21	18.08	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-QPSK	Edge_1RB_Right	20.54	19.98	23.28	17.15	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Outer_Full	24.51	24.08	27.31	21.18	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Inner_Full	26.52	26.08	29.31	23.18	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Inner_1RB_Left	26.86	26.42	29.65	23.52	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Inner_1RB_Right	26.1	25.49	28.81	22.68	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Edge_1RB_Left	21.45	21.12	24.3	18.17	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-16QAM	Edge_1RB_Right	20.56	20.18	23.38	17.25	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Outer_Full	24.07	23.65	26.87	20.74	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Inner_Full	24.53	24.16	27.36	21.23	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Inner_1RB_Left	25.05	24.58	27.83	21.7	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Inner_1RB_Right	24.24	23.55	26.92	20.79	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Edge_1RB_Left	21.5	21.01	24.27	18.14	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-64QAM	Edge_1RB_Right	20.59	20.16	23.39	17.26	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-256QAM	Outer_Full	22	21.63	24.83	18.7	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-256QAM	Inner_Full	22.09	21.73	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-256QAM	Inner_1RB_Left	22.36	22	25.19	19.06	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-	Inner_1RB_Right	21.62	21.04	24.35	18.22	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	60	M	DFT-256QAM	Edge_1RB_Left	21.26	20.81	24.05	17.92	30	PASS
NTNV	n77(3450-3550)	30	60	M	DFT-256QAM	Edge_1RB_Right	20.61	20.18	23.41	17.28	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Outer_Full	26	25.65	28.84	22.71	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Inner_Full	27.4	27.12	30.28	24.15	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Inner_1RB_Left	27.77	27.3	30.55	24.42	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Inner_1RB_Right	27.05	26.51	29.8	23.67	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Edge_1RB_Left	21.65	21.14	24.41	18.28	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-BPSK	Edge_1RB_Right	20.99	20.39	23.71	17.58	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Outer_Full	25.56	25.13	28.36	22.23	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Inner_Full	27.34	27.04	30.2	24.07	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Inner_1RB_Left	27.76	27.2	30.5	24.37	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Inner_1RB_Right	27.03	26.46	29.76	23.63	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Edge_1RB_Left	21.29	20.78	24.05	17.92	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-QPSK	Edge_1RB_Right	20.62	19.94	23.3	17.17	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Outer_Full	24.35	24.04	27.21	21.08	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Inner_Full	26.28	26.01	29.16	23.03	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Inner_1RB_Left	26.77	26.18	29.49	23.36	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Inner_1RB_Right	26.1	25.55	28.85	22.72	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Edge_1RB_Left	21.34	20.84	24.11	17.98	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-16QAM	Edge_1RB_Right	20.62	20.08	23.37	17.24	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-64QAM	Outer_Full	23.89	23.55	26.73	20.6	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-64QAM	Inner_Full	24.34	24.08	27.22	21.09	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-	Inner_1RB_Left	24.75	24.2	27.49	21.36	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	60	H	DFT-64QAM	Inner_1RB_Right	23.9	23.44	26.69	20.56	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-64QAM	Edge_1RB_Left	21.13	20.65	23.91	17.78	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-64QAM	Edge_1RB_Right	20.39	20.01	23.21	17.08	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Outer_Full	21.86	21.59	24.73	18.6	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Inner_Full	21.86	21.63	24.75	18.62	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Inner_1RB_Left	22.21	21.58	24.92	18.79	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Inner_1RB_Right	21.54	20.86	24.22	18.09	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Edge_1RB_Left	21.06	20.54	23.82	17.69	30	PASS
NTNV	n77(3450-3550)	30	60	H	DFT-256QAM	Edge_1RB_Right	20.41	19.82	23.14	17.01	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Outer_Full	26.36	25.64	29.03	22.9	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Inner_Full	27.82	27.26	30.56	24.43	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Inner_1RB_Left	28.09	27.38	30.76	24.63	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Inner_1RB_Right	26.78	26.61	29.71	23.58	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Edge_1RB_Left	22.21	21.42	24.84	18.71	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-BPSK	Edge_1RB_Right	20.77	20.62	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Outer_Full	25.74	25.15	28.46	22.33	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Inner_Full	27.75	27.2	30.49	24.36	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Inner_1RB_Left	28.18	27.39	30.82	24.69	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Inner_1RB_Right	26.93	26.54	29.75	23.62	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Edge_1RB_Left	21.75	20.94	24.37	18.24	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-QPSK	Edge_1RB_Right	20.45	20.18	23.33	17.2	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-16QAM	Outer_Full	24.78	24.27	27.54	21.41	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-	Inner_Full	26.7	26.25	29.49	23.36	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	70	L	DFT-16QAM	Inner_1RB_Left	27.22	26.42	29.85	23.72	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-16QAM	Inner_1RB_Right	25.91	25.67	28.8	22.67	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-16QAM	Edge_1RB_Left	21.86	20.96	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-16QAM	Edge_1RB_Right	20.51	20.35	23.44	17.31	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Outer_Full	24.32	23.92	27.14	21.01	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Inner_Full	24.79	24.19	27.51	21.38	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Inner_1RB_Left	25.26	24.51	27.91	21.78	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Inner_1RB_Right	24.1	23.9	27.01	20.88	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Edge_1RB_Left	21.82	21.13	24.5	18.37	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-64QAM	Edge_1RB_Right	20.2	20.1	23.16	17.03	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Outer_Full	22.38	21.84	25.13	19	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Inner_Full	22.46	21.8	25.16	19.03	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Inner_1RB_Left	22.73	21.99	25.38	19.25	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Inner_1RB_Right	21.25	21.07	24.17	18.04	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Edge_1RB_Left	21.69	21.04	24.39	18.26	30	PASS
NTNV	n77(3450-3550)	30	70	L	DFT-256QAM	Edge_1RB_Right	20.35	20.14	23.26	17.13	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Outer_Full	26.11	25.62	28.88	22.75	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Inner_Full	27.7	27.21	30.47	24.34	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Inner_1RB_Left	28.02	27.36	30.71	24.58	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Inner_1RB_Right	26.93	26.53	29.74	23.61	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Edge_1RB_Left	22.05	21.43	24.76	18.63	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-BPSK	Edge_1RB_Right	21.04	20.42	23.75	17.62	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-	Outer_Full	25.7	25.22	28.48	22.35	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	70	M	DFT-QPSK	Inner_Full	27.63	27.17	30.42	24.29	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-QPSK	Inner_1RB_Left	27.95	27.36	30.68	24.55	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-QPSK	Inner_1RB_Right	27	26.49	29.76	23.63	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-QPSK	Edge_1RB_Left	21.58	21.04	24.33	18.2	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-QPSK	Edge_1RB_Right	20.47	20.05	23.28	17.15	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Outer_Full	24.6	24.25	27.44	21.31	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Inner_Full	26.58	26.23	29.42	23.29	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Inner_1RB_Left	27.11	26.54	29.84	23.71	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Inner_1RB_Right	26.05	25.54	28.82	22.69	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Edge_1RB_Left	21.64	21.3	24.48	18.35	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-16QAM	Edge_1RB_Right	20.73	20.16	23.47	17.34	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Outer_Full	24.16	23.7	26.95	20.82	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Inner_Full	24.64	24.3	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Inner_1RB_Left	25.27	24.66	27.99	21.86	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Inner_1RB_Right	24.21	23.75	27	20.87	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Edge_1RB_Left	21.6	21.07	24.36	18.23	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-64QAM	Edge_1RB_Right	20.49	19.99	23.25	17.12	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-256QAM	Outer_Full	22.18	21.82	25.01	18.88	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-256QAM	Inner_Full	22.16	21.82	25.01	18.88	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-256QAM	Inner_1RB_Left	22.62	22.07	25.37	19.24	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-256QAM	Inner_1RB_Right	21.5	21.11	24.32	18.19	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-256QAM	Edge_1RB_Left	21.7	21.1	24.42	18.29	30	PASS
NTNV	n77(3450-3550)	30	70	M	DFT-	Edge_1RB_Right	20.59	20.04	23.33	17.2	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Outer_Full	26.06	25.69	28.89	22.76	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Inner_Full	27.55	27.22	30.4	24.27	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Inner_1RB_Left	27.71	27.18	30.46	24.33	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Inner_1RB_Right	26.86	26.39	29.64	23.51	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Edge_1RB_Left	21.69	21.22	24.47	18.34	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-BPSK	Edge_1RB_Right	20.9	20.39	23.66	17.53	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Outer_Full	25.55	25.16	28.37	22.24	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Inner_Full	27.5	27.14	30.33	24.2	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Inner_1RB_Left	27.7	27.32	30.52	24.39	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Inner_1RB_Right	26.84	26.27	29.58	23.45	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Edge_1RB_Left	21.32	20.95	24.15	18.02	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-QPSK	Edge_1RB_Right	20.48	19.91	23.22	17.09	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Outer_Full	24.62	24.17	27.41	21.28	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Inner_Full	26.53	26.09	29.32	23.19	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Inner_1RB_Left	26.84	26.32	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Inner_1RB_Right	25.98	25.33	28.68	22.55	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Edge_1RB_Left	21.42	20.76	24.11	17.98	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-16QAM	Edge_1RB_Right	20.64	20.02	23.35	17.22	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-64QAM	Outer_Full	24.04	23.79	26.93	20.8	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-64QAM	Inner_Full	24.39	24.27	27.34	21.21	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-64QAM	Inner_1RB_Left	25.01	24.48	27.76	21.63	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-64QAM	Inner_1RB_Right	23.94	23.73	26.84	20.71	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-	Edge_1RB_Left	21.56	20.99	24.29	18.16	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	70	H	DFT-64QAM	Edge_1RB_Right	20.77	20.15	23.48	17.35	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Outer_Full	22.12	21.61	24.88	18.75	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Inner_Full	22.14	21.72	24.94	18.81	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Inner_1RB_Left	22.33	21.65	25.01	18.88	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Inner_1RB_Right	21.46	20.95	24.23	18.1	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Edge_1RB_Left	21.28	20.79	24.05	17.92	30	PASS
NTNV	n77(3450-3550)	30	70	H	DFT-256QAM	Edge_1RB_Right	20.37	19.81	23.11	16.98	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Outer_Full	26.18	25.67	28.94	22.81	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Inner_Full	27.78	27.19	30.5	24.37	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Inner_1RB_Left	28.2	27.4	30.83	24.7	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Inner_1RB_Right	26.83	26.34	29.61	23.48	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Edge_1RB_Left	22.22	21.44	24.86	18.73	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-BPSK	Edge_1RB_Right	20.96	20.66	23.83	17.7	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Outer_Full	25.56	25.16	28.38	22.25	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Inner_Full	27.69	27.23	30.48	24.35	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Inner_1RB_Left	28.18	27.46	30.85	24.72	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Inner_1RB_Right	26.87	26.59	29.74	23.61	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Edge_1RB_Left	21.75	21.05	24.43	18.3	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-QPSK	Edge_1RB_Right	20.4	19.97	23.2	17.07	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-16QAM	Outer_Full	24.67	24.14	27.42	21.29	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-16QAM	Inner_Full	26.66	26.19	29.44	23.31	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-16QAM	Inner_1RB_Left	27.28	26.45	29.9	23.77	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-	Inner_1RB_Right	25.91	25.55	28.74	22.61	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	80	L	DFT-16QAM	Edge_1RB_Left	21.9	21.03	24.5	18.37	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-16QAM	Edge_1RB_Right	20.55	20.19	23.38	17.25	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Outer_Full	24.22	23.71	26.98	20.85	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Inner_Full	24.7	24.23	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Inner_1RB_Left	25.35	24.65	28.02	21.89	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Inner_1RB_Right	23.98	23.83	26.92	20.79	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Edge_1RB_Left	21.98	21.16	24.6	18.47	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-64QAM	Edge_1RB_Right	20.52	20.17	23.36	17.23	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Outer_Full	22.23	21.67	24.97	18.84	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Inner_Full	22.16	21.86	25.02	18.89	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Inner_1RB_Left	22.74	22.05	25.42	19.29	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Inner_1RB_Right	21.43	21.12	24.29	18.16	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Edge_1RB_Left	21.69	20.97	24.36	18.23	30	PASS
NTNV	n77(3450-3550)	30	80	L	DFT-256QAM	Edge_1RB_Right	20.47	20.03	23.26	17.13	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Outer_Full	26.09	25.7	28.91	22.78	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Inner_Full	27.67	27.2	30.45	24.32	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Inner_1RB_Left	28.23	27.38	30.84	24.71	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Inner_1RB_Right	26.98	26.45	29.73	23.6	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Edge_1RB_Left	22.26	21.55	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-BPSK	Edge_1RB_Right	20.93	20.45	23.7	17.57	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-QPSK	Outer_Full	25.59	25.2	28.41	22.28	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-QPSK	Inner_Full	27.65	27.15	30.42	24.29	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-	Inner_1RB_Left	28.2	27.47	30.86	24.73	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	80	M	DFT-QPSK	Inner_1RB_Right	26.92	26.47	29.71	23.58	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-QPSK	Edge_1RB_Left	21.76	21.08	24.44	18.31	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-QPSK	Edge_1RB_Right	20.49	20.09	23.3	17.17	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Outer_Full	24.65	24.19	27.43	21.3	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Inner_Full	26.52	26.08	29.32	23.19	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Inner_1RB_Left	27.27	26.61	29.97	23.84	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Inner_1RB_Right	25.96	25.3	28.66	22.53	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Edge_1RB_Left	21.72	21.19	24.47	18.34	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-16QAM	Edge_1RB_Right	20.56	20.22	23.4	17.27	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Outer_Full	24.2	23.74	26.99	20.86	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Inner_Full	24.63	24.22	27.44	21.31	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Inner_1RB_Left	25.18	24.51	27.87	21.74	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Inner_1RB_Right	23.99	23.5	26.76	20.63	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Edge_1RB_Left	21.75	21.03	24.42	18.29	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-64QAM	Edge_1RB_Right	20.73	19.97	23.38	17.25	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Outer_Full	22.19	21.67	24.95	18.82	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Inner_Full	22.16	21.68	24.94	18.81	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Inner_1RB_Left	22.84	22.13	25.51	19.38	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Inner_1RB_Right	21.66	21.13	24.41	18.28	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Edge_1RB_Left	21.88	21.37	24.64	18.51	30	PASS
NTNV	n77(3450-3550)	30	80	M	DFT-256QAM	Edge_1RB_Right	20.36	19.9	23.14	17.01	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Outer_Full	26.14	25.6	28.89	22.76	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Inner_Full	27.6	27.26	30.45	24.32	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Inner_1RB_Left	28.02	27.39	30.72	24.59	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Inner_1RB_Right	26.92	26.3	29.63	23.5	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Edge_1RB_Left	22.06	21.44	24.77	18.64	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-BPSK	Edge_1RB_Right	20.84	20.38	23.63	17.5	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Outer_Full	25.46	25.09	28.29	22.16	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Inner_Full	27.53	27.19	30.37	24.24	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Inner_1RB_Left	28.13	27.34	30.76	24.63	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Inner_1RB_Right	26.91	26.34	29.64	23.51	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Edge_1RB_Left	21.61	21.12	24.38	18.25	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-QPSK	Edge_1RB_Right	20.51	19.87	23.21	17.08	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Outer_Full	24.59	24	27.32	21.19	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Inner_Full	26.4	26.06	29.24	23.11	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Inner_1RB_Left	27.04	26.42	29.75	23.62	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Inner_1RB_Right	26.13	25.64	28.9	22.77	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Edge_1RB_Left	21.75	21.1	24.45	18.32	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-16QAM	Edge_1RB_Right	20.67	20.09	23.4	17.27	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Outer_Full	24.02	23.58	26.81	20.68	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Inner_Full	24.52	24.16	27.36	21.23	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Inner_1RB_Left	25.05	24.49	27.79	21.66	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Inner_1RB_Right	24.02	23.41	26.74	20.61	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Edge_1RB_Left	21.53	21.07	24.32	18.19	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-64QAM	Edge_1RB_Right	20.38	19.96	23.19	17.06	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-	Outer_Full	24.07	23.62	26.86	20.73	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	80	H	DFT-256QAM	Inner_Full	22.12	21.71	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-256QAM	Inner_1RB_Left	22.43	21.79	25.13	19	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-256QAM	Inner_1RB_Right	21.4	20.8	24.12	17.99	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-256QAM	Edge_1RB_Left	21.56	20.99	24.29	18.16	30	PASS
NTNV	n77(3450-3550)	30	80	H	DFT-256QAM	Edge_1RB_Right	20.5	19.95	23.24	17.11	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Outer_Full	26.2	25.76	29	22.87	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Inner_Full	27.8	27.27	30.56	24.43	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Inner_1RB_Left	28.27	27.36	30.85	24.72	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Inner_1RB_Right	26.86	26.28	29.59	23.46	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Edge_1RB_Left	22.2	21.56	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-BPSK	Edge_1RB_Right	20.96	20.46	23.73	17.6	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Outer_Full	25.69	25.12	28.42	22.29	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Inner_Full	27.7	27.19	30.46	24.33	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Inner_1RB_Left	28.26	27.5	30.91	24.78	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Inner_1RB_Right	26.96	26.38	29.69	23.56	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Edge_1RB_Left	21.84	21.15	24.52	18.39	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-QPSK	Edge_1RB_Right	20.36	20.1	23.24	17.11	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Outer_Full	24.69	24.11	27.42	21.29	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Inner_Full	26.67	26.16	29.43	23.3	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Inner_1RB_Left	27.32	26.62	29.99	23.86	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Inner_1RB_Right	26.08	25.53	28.82	22.69	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Edge_1RB_Left	21.94	21.23	24.61	18.48	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-16QAM	Edge_1RB_Right	20.73	20.06	23.42	17.29	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Outer_Full	24.29	23.73	27.03	20.9	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Inner_Full	24.68	24.21	27.46	21.33	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Inner_1RB_Left	25.32	24.7	28.03	21.9	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Inner_1RB_Right	24.04	23.68	26.88	20.75	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Edge_1RB_Left	21.71	20.97	24.37	18.24	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-64QAM	Edge_1RB_Right	20.35	19.81	23.1	16.97	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Outer_Full	22.2	21.69	24.96	18.83	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Inner_Full	22.2	21.81	25.02	18.89	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Inner_1RB_Left	22.84	22.18	25.53	19.4	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Inner_1RB_Right	21.29	20.71	24.02	17.89	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Edge_1RB_Left	21.75	20.97	24.38	18.25	30	PASS
NTNV	n77(3450-3550)	30	90	L	DFT-256QAM	Edge_1RB_Right	20.43	19.83	23.15	17.02	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Outer_Full	25.9	25.4	28.67	22.54	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Inner_Full	27.64	27.26	30.47	24.34	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Inner_1RB_Left	28.2	27.62	30.93	24.8	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Inner_1RB_Right	26.93	26.26	29.62	23.49	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Edge_1RB_Left	22.21	21.56	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-BPSK	Edge_1RB_Right	20.91	20.37	23.66	17.53	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-QPSK	Outer_Full	25.66	25.14	28.42	22.29	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-QPSK	Inner_Full	27.65	27.21	30.44	24.31	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-QPSK	Inner_1RB_Left	28.17	27.41	30.82	24.69	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-QPSK	Inner_1RB_Right	26.95	26.34	29.67	23.54	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-	Edge_1RB_Left	21.74	21.12	24.45	18.32	30	PASS

	3550)				QPSK							
NTNV	n77(3450-3550)	30	90	M	DFT-QPSK	Edge_1RB_Right	20.46	19.94	23.22	17.09	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Outer_Full	24.66	24.27	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Inner_Full	26.64	26.19	29.43	23.3	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Inner_1RB_Left	27.36	26.59	30	23.87	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Inner_1RB_Right	26.12	25.58	28.87	22.74	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Edge_1RB_Left	21.91	21.18	24.57	18.44	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-16QAM	Edge_1RB_Right	20.56	19.88	23.24	17.11	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Outer_Full	24.22	23.62	26.94	20.81	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Inner_Full	24.62	24.18	27.42	21.29	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Inner_1RB_Left	25.29	24.61	27.97	21.84	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Inner_1RB_Right	24.17	23.56	26.89	20.76	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Edge_1RB_Left	21.83	21	24.45	18.32	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-64QAM	Edge_1RB_Right	20.59	20.06	23.34	17.21	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Outer_Full	22.3	21.76	25.05	18.92	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Inner_Full	22.19	21.7	24.96	18.83	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Inner_1RB_Left	22.75	22.04	25.42	19.29	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Inner_1RB_Right	21.49	20.97	24.25	18.12	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Edge_1RB_Left	21.97	21.12	24.57	18.44	30	PASS
NTNV	n77(3450-3550)	30	90	M	DFT-256QAM	Edge_1RB_Right	20.36	19.94	23.16	17.03	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Outer_Full	26.21	25.65	28.95	22.82	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Inner_Full	27.68	27.3	30.51	24.38	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Inner_1RB_Left	28.27	27.44	30.89	24.76	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Inner_1RB_Right	26.93	26.27	29.62	23.49	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Edge_1RB_Left	22.31	21.5	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-BPSK	Edge_1RB_Right	20.88	20.47	23.69	17.56	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Outer_Full	25.61	25.05	28.35	22.22	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Inner_Full	27.58	27.12	30.36	24.23	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Inner_1RB_Left	28.29	27.55	30.95	24.82	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Inner_1RB_Right	26.89	26.29	29.61	23.48	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Edge_1RB_Left	21.88	21.27	24.59	18.46	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-QPSK	Edge_1RB_Right	20.51	19.95	23.25	17.12	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Outer_Full	24.65	24.09	27.39	21.26	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Inner_Full	26.61	26.04	29.35	23.22	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Inner_1RB_Left	27.27	26.56	29.94	23.81	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Inner_1RB_Right	26.03	25.49	28.78	22.65	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Edge_1RB_Left	21.97	21.19	24.61	18.48	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-16QAM	Edge_1RB_Right	20.61	20.06	23.35	17.22	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Outer_Full	24.19	23.75	26.99	20.86	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Inner_Full	24.63	24.22	27.44	21.31	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Inner_1RB_Left	25.39	24.64	28.04	21.91	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Inner_1RB_Right	24.08	23.61	26.86	20.73	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Edge_1RB_Left	22.13	21.22	24.71	18.58	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-64QAM	Edge_1RB_Right	20.32	19.91	23.13	17	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-256QAM	Outer_Full	24.15	23.72	26.95	20.82	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-256QAM	Inner_Full	22.25	21.78	25.03	18.9	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-	Inner_1RB_Left	22.73	21.98	25.38	19.25	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	90	H	DFT-256QAM	Inner_1RB_Right	21.61	20.87	24.27	18.14	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-256QAM	Edge_1RB_Left	21.96	21.16	24.59	18.46	30	PASS
NTNV	n77(3450-3550)	30	90	H	DFT-256QAM	Edge_1RB_Right	20.37	19.74	23.08	16.95	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Outer_Full	26.18	25.54	28.88	22.75	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Inner_Full	27.61	27.06	30.36	24.23	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Inner_1RB_Left	28.25	27.51	30.91	24.78	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Inner_1RB_Right	26.85	26.2	29.55	23.42	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Edge_1RB_Left	22.29	21.55	24.95	18.82	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-BPSK	Edge_1RB_Right	20.79	20.3	23.56	17.43	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Outer_Full	25.61	25.09	28.37	22.24	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Inner_Full	27.48	27.03	30.27	24.14	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Inner_1RB_Left	28.28	27.54	30.94	24.81	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Inner_1RB_Right	26.9	26.26	29.6	23.47	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Edge_1RB_Left	21.87	21.13	24.52	18.39	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-QPSK	Edge_1RB_Right	20.33	19.85	23.11	16.98	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Outer_Full	24.64	24.16	27.42	21.29	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Inner_Full	26.58	26.11	29.36	23.23	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Inner_1RB_Left	27.35	26.61	30.01	23.88	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Inner_1RB_Right	25.86	25.34	28.62	22.49	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Edge_1RB_Left	21.84	21.21	24.54	18.41	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-16QAM	Edge_1RB_Right	20.55	19.97	23.28	17.15	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-64QAM	Outer_Full	24.18	23.67	26.94	20.81	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-	Inner_Full	24.63	24.22	27.44	21.31	30	PASS

	3550)				64QAM							
NTNV	n77(3450-3550)	30	100	L	DFT-64QAM	Inner_1RB_Left	25.62	24.6	28.15	22.02	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-64QAM	Inner_1RB_Right	23.86	23.28	26.59	20.46	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-64QAM	Edge_1RB_Left	22	21.2	24.63	18.5	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-64QAM	Edge_1RB_Right	20.31	19.74	23.05	16.92	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Outer_Full	22.19	21.62	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Inner_Full	22.09	21.7	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Inner_1RB_Left	22.8	22.18	25.51	19.38	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Inner_1RB_Right	21.35	20.86	24.12	17.99	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Edge_1RB_Left	21.69	21.05	24.39	18.26	30	PASS
NTNV	n77(3450-3550)	30	100	L	DFT-256QAM	Edge_1RB_Right	20.22	19.71	22.98	16.85	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Outer_Full	26.21	25.58	28.92	22.79	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Inner_Full	27.55	27.08	30.34	24.21	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Inner_1RB_Left	28.19	27.51	30.87	24.74	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Inner_1RB_Right	26.88	26.34	29.63	23.5	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Edge_1RB_Left	22.44	21.58	25.04	18.91	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-BPSK	Edge_1RB_Right	20.92	20.22	23.6	17.47	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Outer_Full	25.63	25.12	28.39	22.26	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Inner_Full	27.49	27.07	30.29	24.16	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Inner_1RB_Left	28.32	27.58	30.97	24.84	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Inner_1RB_Right	26.83	26.3	29.59	23.46	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Edge_1RB_Left	21.88	21.04	24.49	18.36	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-QPSK	Edge_1RB_Right	20.42	19.8	23.14	17.01	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-	Outer_Full	24.68	24.17	27.44	21.31	30	PASS

	3550)				16QAM							
NTNV	n77(3450-3550)	30	100	M	DFT-16QAM	Inner_Full	26.62	26.17	29.41	23.28	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-16QAM	Inner_1RB_Left	27.33	26.64	30.01	23.88	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-16QAM	Inner_1RB_Right	25.9	25.36	28.65	22.52	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-16QAM	Edge_1RB_Left	21.98	21.34	24.68	18.55	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-16QAM	Edge_1RB_Right	20.43	19.94	23.2	17.07	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Outer_Full	24.13	23.7	26.94	20.81	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Inner_Full	24.67	24.27	27.48	21.35	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Inner_1RB_Left	25.52	24.77	28.17	22.04	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Inner_1RB_Right	24.18	23.48	26.85	20.72	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Edge_1RB_Left	21.95	21.26	24.63	18.5	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-64QAM	Edge_1RB_Right	20.44	19.94	23.21	17.08	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Outer_Full	22.14	21.71	24.94	18.81	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Inner_Full	22.16	21.76	24.98	18.85	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Inner_1RB_Left	22.74	22.02	25.4	19.27	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Inner_1RB_Right	21.4	20.82	24.13	18	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Edge_1RB_Left	21.73	20.95	24.37	18.24	30	PASS
NTNV	n77(3450-3550)	30	100	M	DFT-256QAM	Edge_1RB_Right	20.28	19.76	23.04	16.91	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Outer_Full	26.2	25.66	28.95	22.82	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Inner_Full	27.53	27.14	30.35	24.22	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Inner_1RB_Left	28.25	27.49	30.89	24.76	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Inner_1RB_Right	26.77	26.21	29.51	23.38	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Edge_1RB_Left	22.31	21.56	24.96	18.83	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-BPSK	Edge_1RB_Right	20.9	20.29	23.62	17.49	30	PASS

	3550)											
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Outer_Full	25.63	25.09	28.38	22.25	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Inner_Full	27.56	27.03	30.31	24.18	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Inner_1RB_Left	28.22	27.53	30.9	24.77	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Inner_1RB_Right	26.82	26.26	29.56	23.43	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Edge_1RB_Left	21.88	21.12	24.53	18.4	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-QPSK	Edge_1RB_Right	20.36	19.95	23.17	17.04	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Outer_Full	24.75	24.13	27.46	21.33	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Inner_Full	26.64	26.14	29.4	23.27	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Inner_1RB_Left	27.26	26.59	29.95	23.82	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Inner_1RB_Right	25.96	25.31	28.66	22.53	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Edge_1RB_Left	21.88	21.04	24.49	18.36	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-16QAM	Edge_1RB_Right	20.51	20.01	23.28	17.15	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Outer_Full	24.2	23.68	26.96	20.83	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Inner_Full	24.73	24.24	27.5	21.37	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Inner_1RB_Left	25.3	24.6	27.97	21.84	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Inner_1RB_Right	23.87	23.31	26.61	20.48	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Edge_1RB_Left	22.01	21.46	24.75	18.62	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-64QAM	Edge_1RB_Right	20.61	19.82	23.24	17.11	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-256QAM	Outer_Full	22.11	21.67	24.91	18.78	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-256QAM	Inner_Full	22.13	21.71	24.93	18.8	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-256QAM	Inner_1RB_Left	22.84	22.22	25.55	19.42	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-256QAM	Inner_1RB_Right	21.34	20.77	24.07	17.94	30	PASS
NTNV	n77(3450-3550)	30	100	H	DFT-	Edge_1RB_Left	21.83	21.06	24.47	18.34	30	PASS

	3550)				256QAM							
NTNV	n77(3450-3550)	30	100	H	DFT-256QAM	Edge_1RB_Right	20.27	19.75	23.03	16.9	30	PASS

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	5.94	≤13	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	7.10	≤13	PASS

[illegible]

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	L	Outer_Full	8.6021	9.581	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	8.5942	9.683	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	8.6109	9.752	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	8.5736	9.677	PASS
N77-3450-3550	30	10	CP-QPSK	L	Outer_Full	8.5666	9.773	PASS
N77-3450-3550	30	10	CP-16QAM	L	Outer_Full	8.5878	9.755	PASS
N77-3450-3550	30	10	CP-64QAM	L	Outer_Full	8.5736	9.459	PASS
N77-3450-3550	30	10	CP-256QAM	L	Outer_Full	8.5830	9.712	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5833	9.668	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.5798	9.643	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.6037	9.726	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.5568	9.778	PASS
N77-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.5700	9.613	PASS
N77-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.5823	9.863	PASS
N77-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.5973	9.468	PASS
N77-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.5847	9.715	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	8.5948	9.613	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	8.5977	9.515	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	8.6037	9.814	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	8.5823	9.656	PASS

N77-3450-3550	30	10	CP-QPSK	H	Outer_Full	8.5682	9.683	PASS
N77-3450-3550	30	10	CP-16QAM	H	Outer_Full	8.5998	9.793	PASS
N77-3450-3550	30	10	CP-64QAM	H	Outer_Full	8.5704	9.520	PASS
N77-3450-3550	30	10	CP-256QAM	H	Outer_Full	8.5748	9.621	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	12.815	14.11	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	12.852	14.07	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	12.826	14.26	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	12.863	14.21	PASS
N77-3450-3550	30	15	CP-QPSK	L	Outer_Full	13.598	15.06	PASS
N77-3450-3550	30	15	CP-16QAM	L	Outer_Full	13.594	14.99	PASS
N77-3450-3550	30	15	CP-64QAM	L	Outer_Full	13.586	14.70	PASS
N77-3450-3550	30	15	CP-256QAM	L	Outer_Full	13.565	14.94	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.845	14.03	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.827	13.98	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.816	14.02	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.868	14.25	PASS
N77-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.589	15.04	PASS
N77-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.581	14.98	PASS
N77-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.554	15.08	PASS
N77-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.592	15.17	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	12.820	14.18	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	12.823	14.12	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	12.842	14.16	PASS

N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	12.831	14.11	PASS
N77-3450-3550	30	15	CP-QPSK	H	Outer_Full	13.589	14.91	PASS
N77-3450-3550	30	15	CP-16QAM	H	Outer_Full	13.569	14.86	PASS
N77-3450-3550	30	15	CP-64QAM	H	Outer_Full	13.569	14.72	PASS
N77-3450-3550	30	15	CP-256QAM	H	Outer_Full	13.580	14.98	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	17.819	19.08	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	17.834	19.22	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	17.891	19.28	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	17.825	19.16	PASS
N77-3450-3550	30	20	CP-QPSK	L	Outer_Full	18.229	19.84	PASS
N77-3450-3550	30	20	CP-16QAM	L	Outer_Full	18.240	19.63	PASS
N77-3450-3550	30	20	CP-64QAM	L	Outer_Full	18.227	19.80	PASS
N77-3450-3550	30	20	CP-256QAM	L	Outer_Full	18.215	19.72	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.802	19.11	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.846	19.22	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.878	19.14	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.853	19.20	PASS
N77-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.210	19.69	PASS
N77-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.192	19.81	PASS
N77-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.238	19.40	PASS
N77-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.199	19.69	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	17.836	19.08	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	17.844	19.50	PASS

N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	17.864	19.23	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	17.819	19.23	PASS
N77-3450-3550	30	20	CP-QPSK	H	Outer_Full	18.203	19.98	PASS
N77-3450-3550	30	20	CP-16QAM	H	Outer_Full	18.178	19.55	PASS
N77-3450-3550	30	20	CP-64QAM	H	Outer_Full	18.245	19.82	PASS
N77-3450-3550	30	20	CP-256QAM	H	Outer_Full	18.259	19.87	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Outer_Full	22.870	24.47	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	22.858	24.34	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Outer_Full	22.853	24.38	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Outer_Full	22.853	24.47	PASS
N77-3450-3550	30	25	CP-QPSK	L	Outer_Full	23.220	24.78	PASS
N77-3450-3550	30	25	CP-16QAM	L	Outer_Full	23.211	24.90	PASS
N77-3450-3550	30	25	CP-64QAM	L	Outer_Full	23.177	25.06	PASS
N77-3450-3550	30	25	CP-256QAM	L	Outer_Full	23.166	24.91	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	22.839	24.53	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	22.805	24.23	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	22.870	24.28	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	22.876	24.37	PASS
N77-3450-3550	30	25	CP-QPSK	M	Outer_Full	23.203	24.86	PASS
N77-3450-3550	30	25	CP-16QAM	M	Outer_Full	23.234	24.92	PASS
N77-3450-3550	30	25	CP-64QAM	M	Outer_Full	23.148	24.91	PASS
N77-3450-3550	30	25	CP-256QAM	M	Outer_Full	23.191	24.80	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Outer_Full	22.847	24.55	PASS

N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	22.868	24.43	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Outer_Full	22.833	24.32	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Outer_Full	22.824	24.47	PASS
N77-3450-3550	30	25	CP-QPSK	H	Outer_Full	23.171	24.72	PASS
N77-3450-3550	30	25	CP-16QAM	H	Outer_Full	23.201	24.74	PASS
N77-3450-3550	30	25	CP-64QAM	H	Outer_Full	23.168	24.86	PASS
N77-3450-3550	30	25	CP-256QAM	H	Outer_Full	23.167	24.93	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	26.806	28.57	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	26.781	28.27	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	26.800	28.86	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	26.820	28.44	PASS
N77-3450-3550	30	30	CP-QPSK	L	Outer_Full	27.788	29.49	PASS
N77-3450-3550	30	30	CP-16QAM	L	Outer_Full	27.850	29.52	PASS
N77-3450-3550	30	30	CP-64QAM	L	Outer_Full	27.828	29.75	PASS
N77-3450-3550	30	30	CP-256QAM	L	Outer_Full	27.873	29.49	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.821	28.55	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.803	28.38	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.799	28.45	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.814	28.62	PASS
N77-3450-3550	30	30	CP-QPSK	M	Outer_Full	27.833	29.50	PASS
N77-3450-3550	30	30	CP-16QAM	M	Outer_Full	27.877	29.33	PASS
N77-3450-3550	30	30	CP-64QAM	M	Outer_Full	27.871	29.75	PASS
N77-3450-3550	30	30	CP-256QAM	M	Outer_Full	27.881	29.29	PASS

N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	26.795	28.50	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	26.791	28.44	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	26.792	28.78	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	26.831	28.52	PASS
N77-3450-3550	30	30	CP-QPSK	H	Outer_Full	27.828	29.52	PASS
N77-3450-3550	30	30	CP-16QAM	H	Outer_Full	27.861	29.41	PASS
N77-3450-3550	30	30	CP-64QAM	H	Outer_Full	27.872	29.83	PASS
N77-3450-3550	30	30	CP-256QAM	H	Outer_Full	27.825	29.32	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	35.714	37.54	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	35.707	37.38	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	35.778	37.68	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	35.728	37.69	PASS
N77-3450-3550	30	40	CP-QPSK	L	Outer_Full	37.745	39.53	PASS
N77-3450-3550	30	40	CP-16QAM	L	Outer_Full	37.839	39.87	PASS
N77-3450-3550	30	40	CP-64QAM	L	Outer_Full	37.863	39.63	PASS
N77-3450-3550	30	40	CP-256QAM	L	Outer_Full	37.750	39.49	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.740	37.77	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.752	37.75	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.818	37.35	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.795	37.60	PASS
N77-3450-3550	30	40	CP-QPSK	M	Outer_Full	37.800	39.56	PASS
N77-3450-3550	30	40	CP-16QAM	M	Outer_Full	37.899	39.88	PASS
N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	37.922	40.05	PASS

N77-3450-3550	30	40	CP-256QAM	M	Outer_Full	37.810	39.83	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	35.770	37.75	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	35.790	37.56	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	35.809	37.55	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	35.752	37.60	PASS
N77-3450-3550	30	40	CP-QPSK	H	Outer_Full	37.808	39.69	PASS
N77-3450-3550	30	40	CP-16QAM	H	Outer_Full	37.872	39.82	PASS
N77-3450-3550	30	40	CP-64QAM	H	Outer_Full	37.866	39.87	PASS
N77-3450-3550	30	40	CP-256QAM	H	Outer_Full	37.775	39.86	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	45.680	48.00	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	45.704	47.50	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	45.637	48.12	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	45.746	47.59	PASS
N77-3450-3550	30	50	CP-QPSK	L	Outer_Full	47.484	49.74	PASS
N77-3450-3550	30	50	CP-16QAM	L	Outer_Full	47.431	49.63	PASS
N77-3450-3550	30	50	CP-64QAM	L	Outer_Full	47.484	49.56	PASS
N77-3450-3550	30	50	CP-256QAM	L	Outer_Full	47.473	49.71	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.715	47.78	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.768	47.91	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.674	47.90	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.793	47.85	PASS
N77-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.366	49.51	PASS
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.433	49.79	PASS

N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.497	49.52	PASS
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.498	50.30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	45.732	47.66	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	45.794	47.97	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	45.718	47.75	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	45.764	47.94	PASS
N77-3450-3550	30	50	CP-QPSK	H	Outer_Full	47.455	49.53	PASS
N77-3450-3550	30	50	CP-16QAM	H	Outer_Full	47.490	49.59	PASS
N77-3450-3550	30	50	CP-64QAM	H	Outer_Full	47.463	49.50	PASS
N77-3450-3550	30	50	CP-256QAM	H	Outer_Full	47.482	49.62	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	57.857	60.02	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	57.897	60.46	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	57.784	60.30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	57.792	60.15	PASS
N77-3450-3550	30	60	CP-QPSK	L	Outer_Full	57.756	60.08	PASS
N77-3450-3550	30	60	CP-16QAM	L	Outer_Full	57.817	60.61	PASS
N77-3450-3550	30	60	CP-64QAM	L	Outer_Full	57.668	60.18	PASS
N77-3450-3550	30	60	CP-256QAM	L	Outer_Full	57.853	60.38	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.820	60.38	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	58.005	60.22	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.862	60.37	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.815	60.13	PASS
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	57.810	60.06	PASS

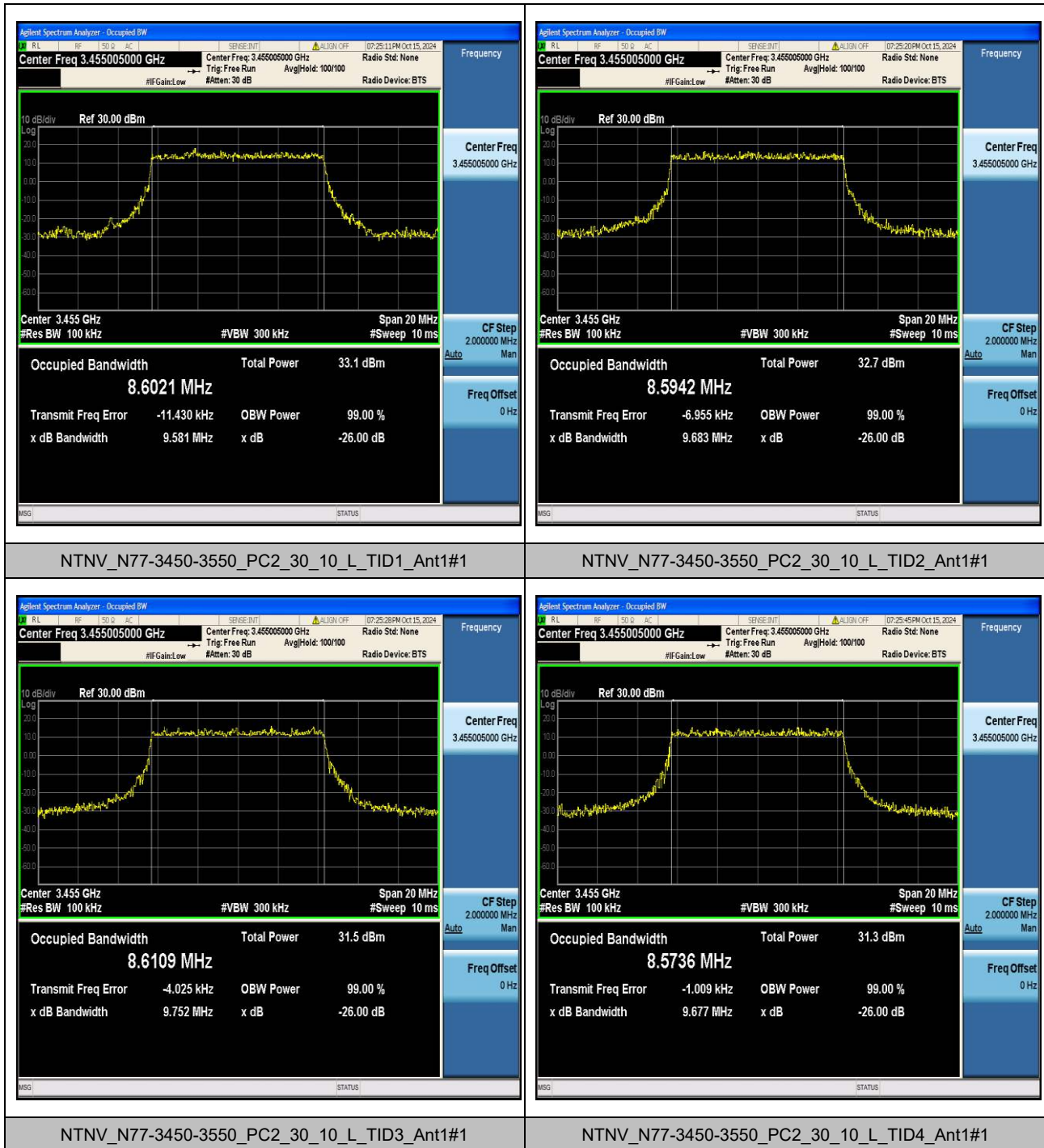
N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.861	60.75	PASS
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	57.721	60.08	PASS
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.862	60.09	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	57.763	60.20	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	57.897	60.42	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	57.800	60.40	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	57.814	60.23	PASS
N77-3450-3550	30	60	CP-QPSK	H	Outer_Full	57.786	60.62	PASS
N77-3450-3550	30	60	CP-16QAM	H	Outer_Full	57.778	60.09	PASS
N77-3450-3550	30	60	CP-64QAM	H	Outer_Full	57.687	60.30	PASS
N77-3450-3550	30	60	CP-256QAM	H	Outer_Full	57.746	60.33	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	64.167	66.58	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	64.281	66.92	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	64.140	66.62	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	64.288	66.86	PASS
N77-3450-3550	30	70	CP-QPSK	L	Outer_Full	67.383	69.90	PASS
N77-3450-3550	30	70	CP-16QAM	L	Outer_Full	67.406	69.93	PASS
N77-3450-3550	30	70	CP-64QAM	L	Outer_Full	67.356	70.12	PASS
N77-3450-3550	30	70	CP-256QAM	L	Outer_Full	67.284	70.04	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.207	66.73	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.228	66.92	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.174	66.90	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.185	66.71	PASS

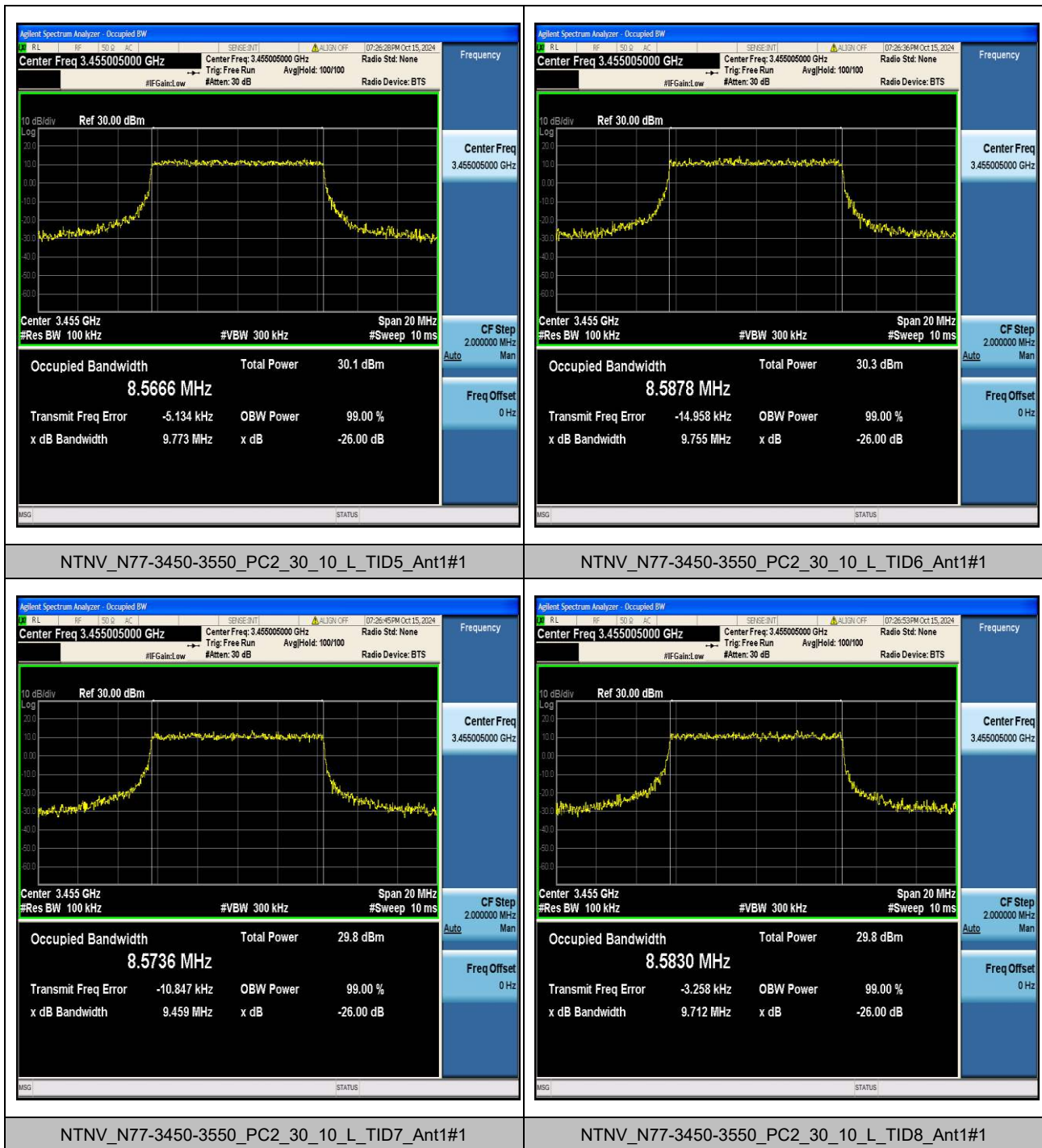
N77-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.423	69.96	PASS
N77-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.425	69.98	PASS
N77-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.373	69.89	PASS
N77-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.293	70.06	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	64.248	66.92	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	64.304	66.94	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	64.184	66.90	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	64.236	66.84	PASS
N77-3450-3550	30	70	CP-QPSK	H	Outer_Full	67.379	69.88	PASS
N77-3450-3550	30	70	CP-16QAM	H	Outer_Full	67.489	70.18	PASS
N77-3450-3550	30	70	CP-64QAM	H	Outer_Full	67.422	69.97	PASS
N77-3450-3550	30	70	CP-256QAM	H	Outer_Full	67.323	69.88	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	77.105	80.16	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	77.087	79.85	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	76.834	79.80	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	77.057	79.84	PASS
N77-3450-3550	30	80	CP-QPSK	L	Outer_Full	77.417	80.53	PASS
N77-3450-3550	30	80	CP-16QAM	L	Outer_Full	77.366	80.23	PASS
N77-3450-3550	30	80	CP-64QAM	L	Outer_Full	77.391	80.29	PASS
N77-3450-3550	30	80	CP-256QAM	L	Outer_Full	77.514	79.98	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.116	80.07	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.113	80.15	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	76.918	79.88	PASS

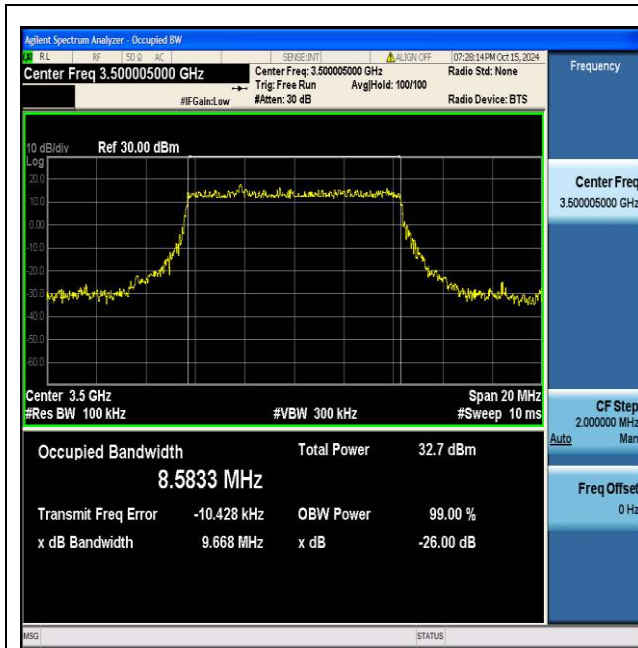
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.097	80.08	PASS
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.516	80.42	PASS
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.470	80.22	PASS
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.469	80.14	PASS
N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.495	80.58	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	77.132	80.21	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	77.155	79.94	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	76.943	79.98	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	76.957	80.23	PASS
N77-3450-3550	30	80	CP-QPSK	H	Outer_Full	77.502	80.28	PASS
N77-3450-3550	30	80	CP-16QAM	H	Outer_Full	77.415	80.33	PASS
N77-3450-3550	30	80	CP-64QAM	H	Outer_Full	77.468	80.10	PASS
N77-3450-3550	30	80	CP-256QAM	H	Outer_Full	77.566	80.40	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	86.599	89.73	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	86.666	89.83	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	86.859	90.05	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	86.641	90.05	PASS
N77-3450-3550	30	90	CP-QPSK	L	Outer_Full	87.379	90.49	PASS
N77-3450-3550	30	90	CP-16QAM	L	Outer_Full	87.582	90.70	PASS
N77-3450-3550	30	90	CP-64QAM	L	Outer_Full	87.411	90.66	PASS
N77-3450-3550	30	90	CP-256QAM	L	Outer_Full	87.453	90.74	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.712	89.89	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	86.617	89.71	PASS

N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	86.869	90.16	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	86.708	90.04	PASS
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.364	90.64	PASS
N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.536	90.67	PASS
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.403	90.76	PASS
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.408	90.75	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	86.628	90.02	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	86.678	89.81	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	86.753	89.78	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	86.804	90.20	PASS
N77-3450-3550	30	90	CP-QPSK	H	Outer_Full	87.349	90.74	PASS
N77-3450-3550	30	90	CP-16QAM	H	Outer_Full	87.526	90.36	PASS
N77-3450-3550	30	90	CP-64QAM	H	Outer_Full	87.432	90.33	PASS
N77-3450-3550	30	90	CP-256QAM	H	Outer_Full	87.406	90.47	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.242	99.52	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.381	99.67	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.412	100.0	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.139	99.77	PASS
N77-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.398	100.8	PASS
N77-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.327	101.0	PASS
N77-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.503	100.7	PASS
N77-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.485	100.8	PASS

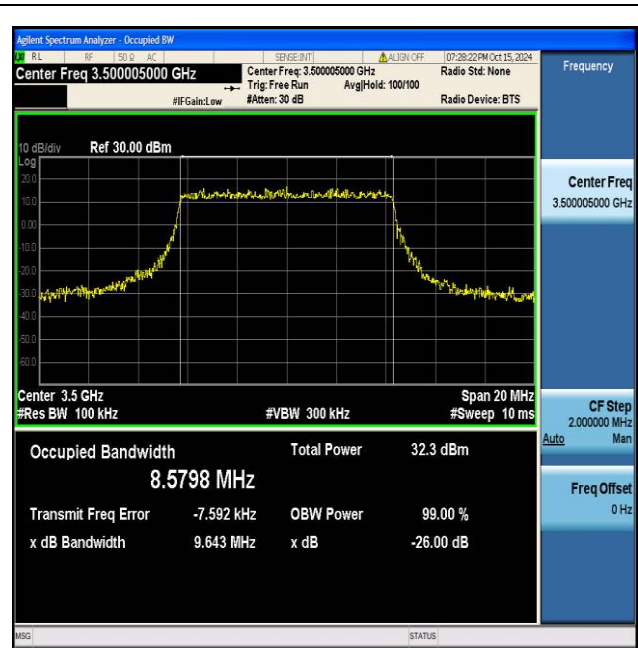
Test Graphs



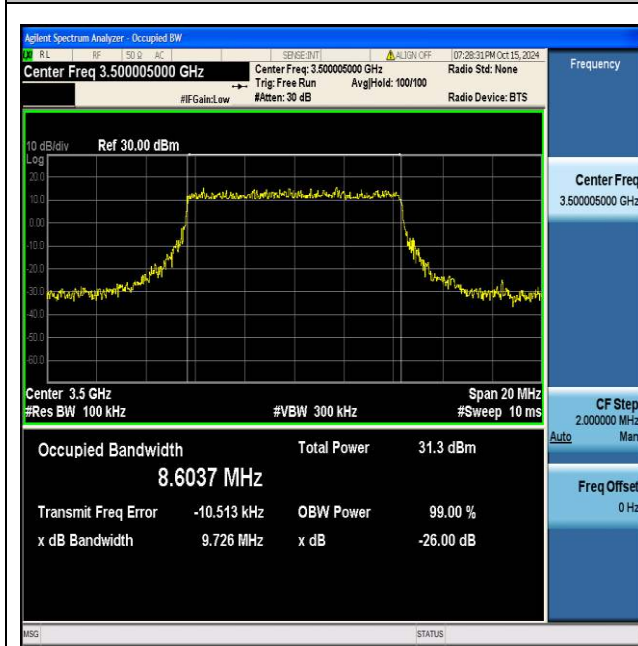




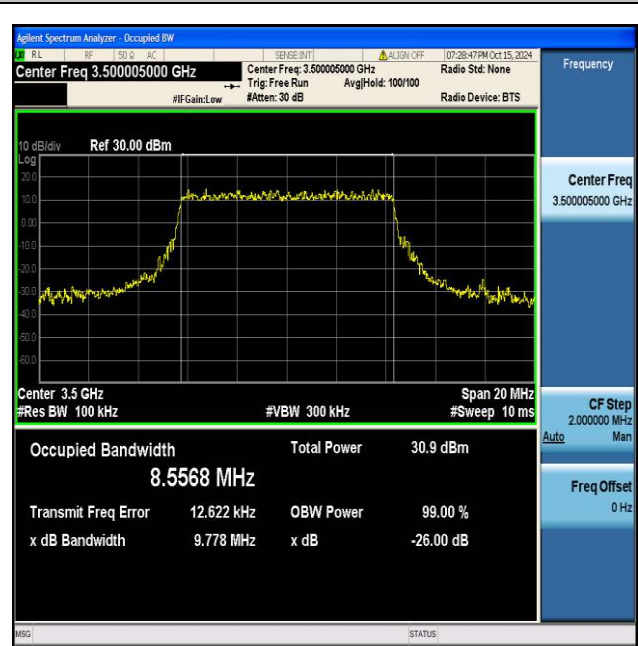
NTNV_N77-3450-3550_PC2_30_10_M_TID1_Ant1#1



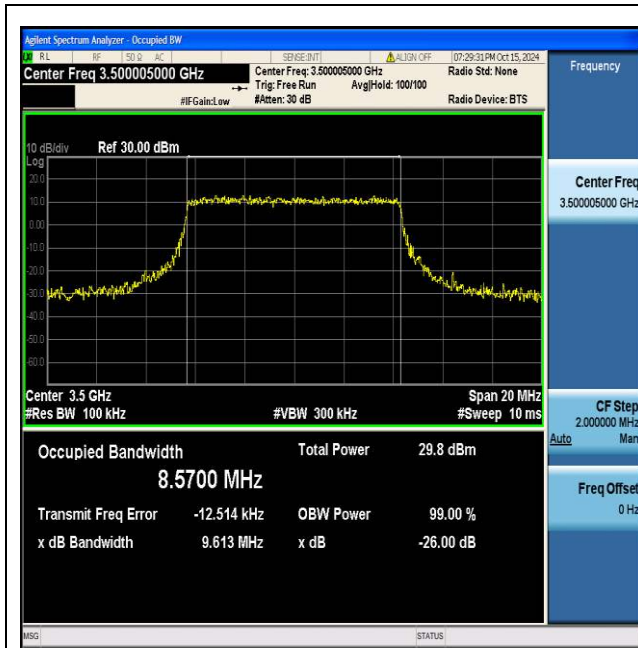
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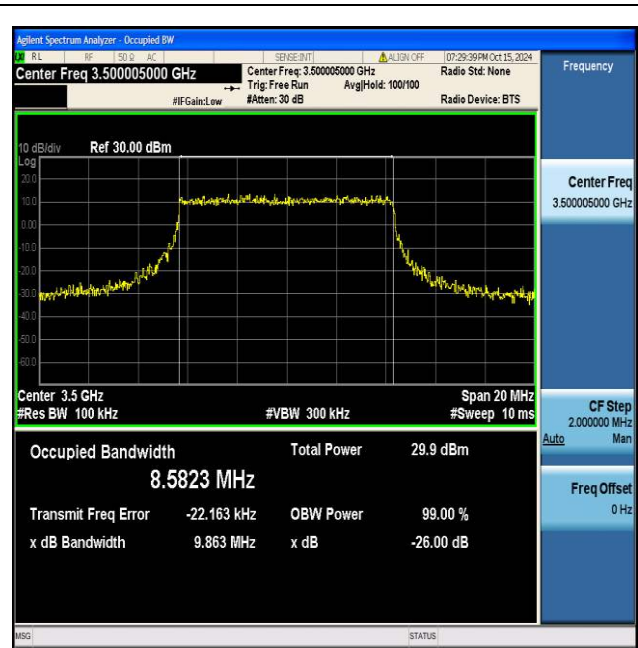
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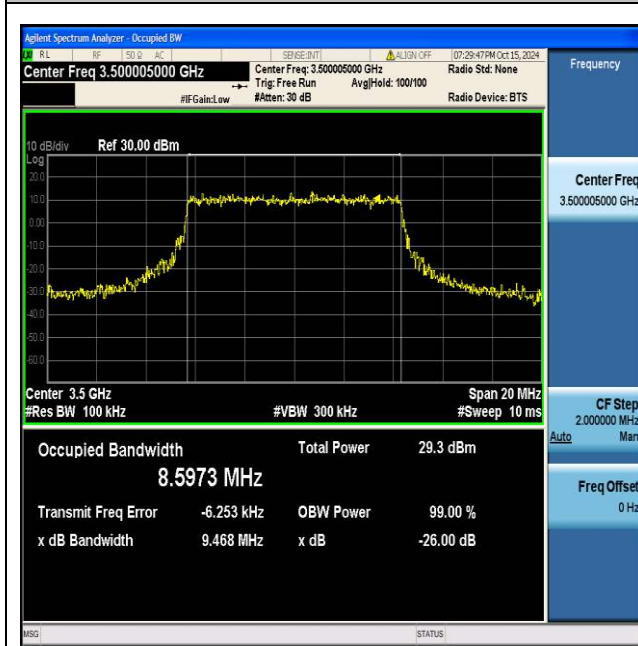
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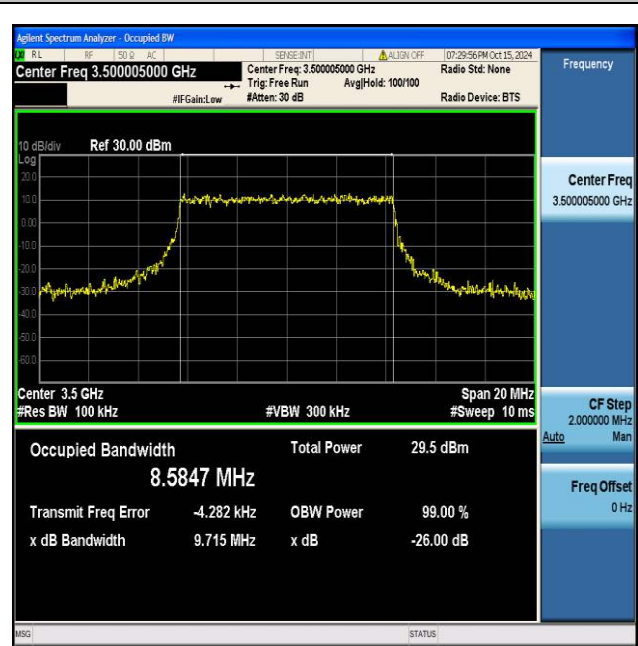
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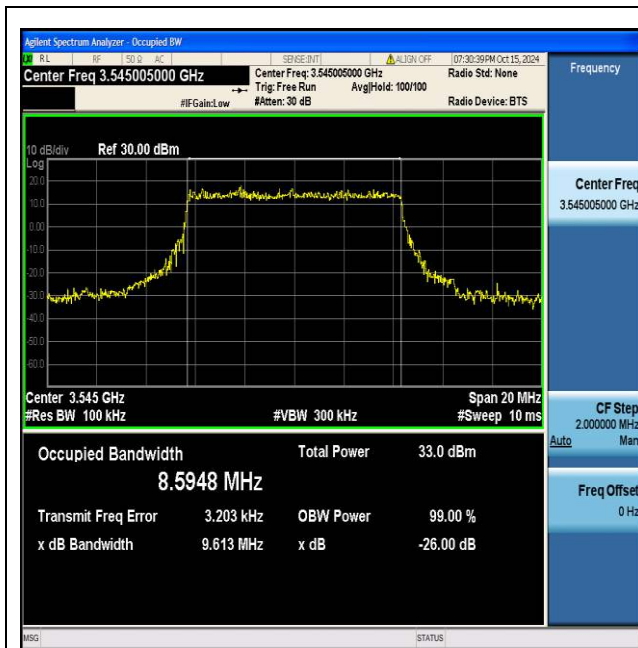
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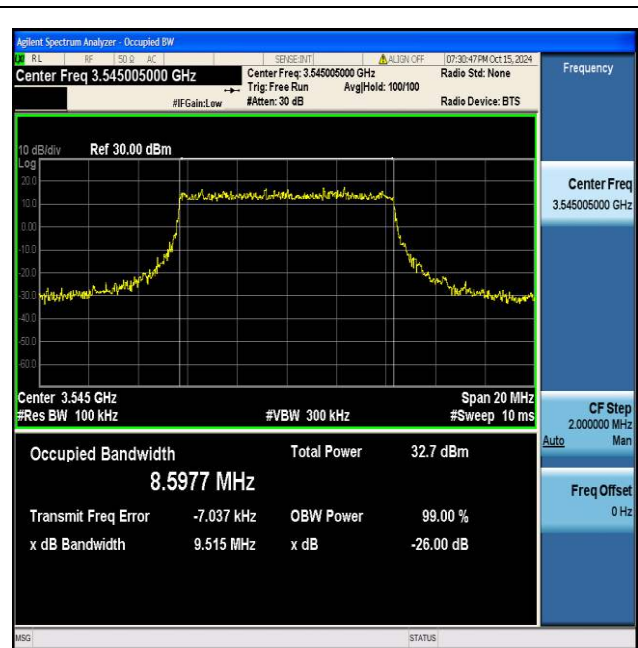
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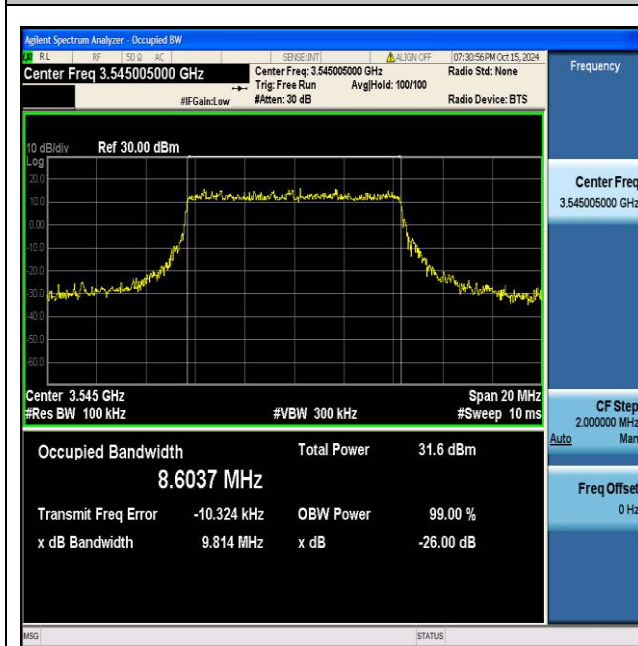
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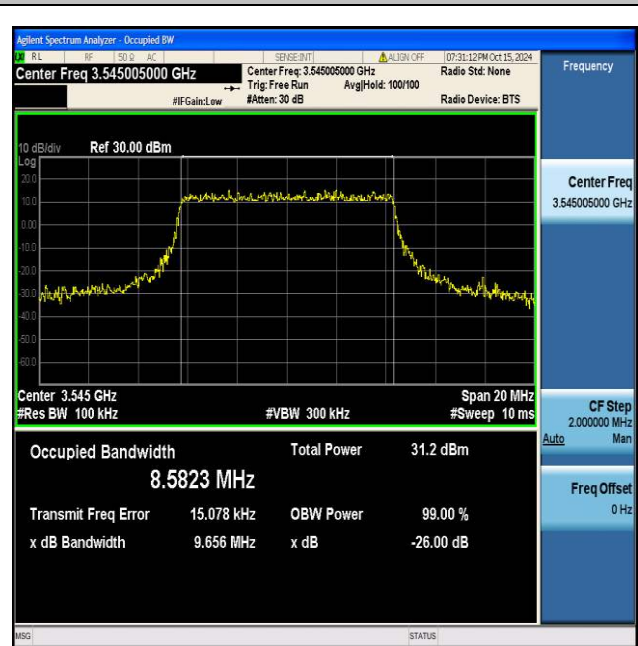
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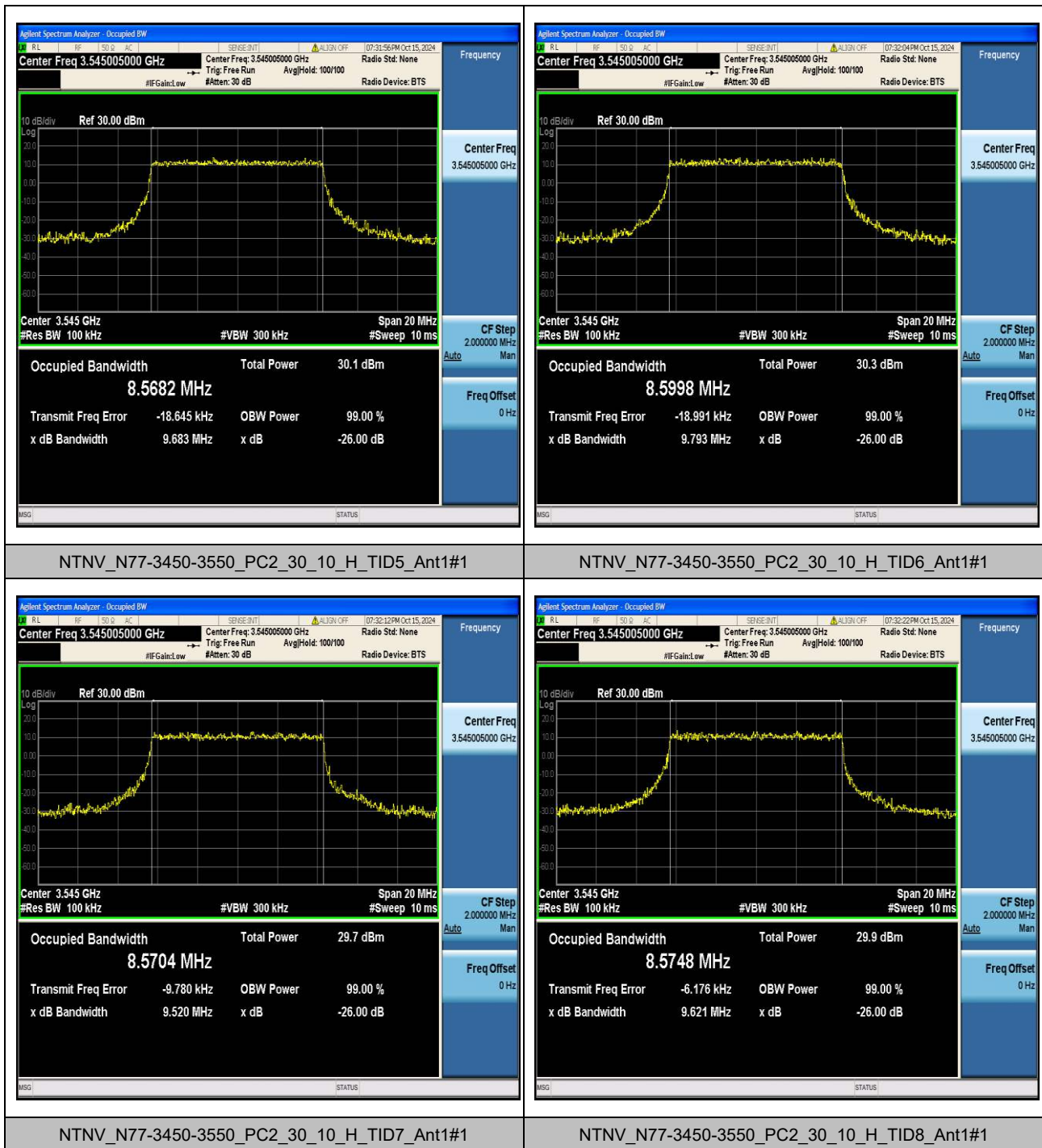
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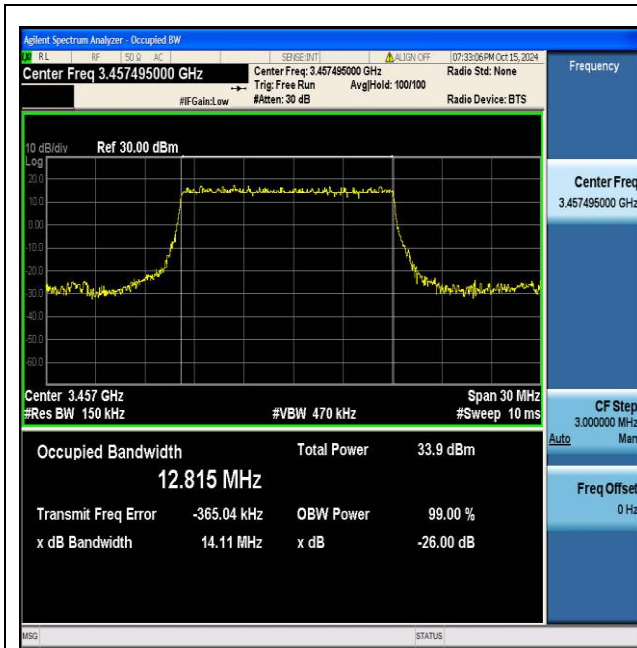


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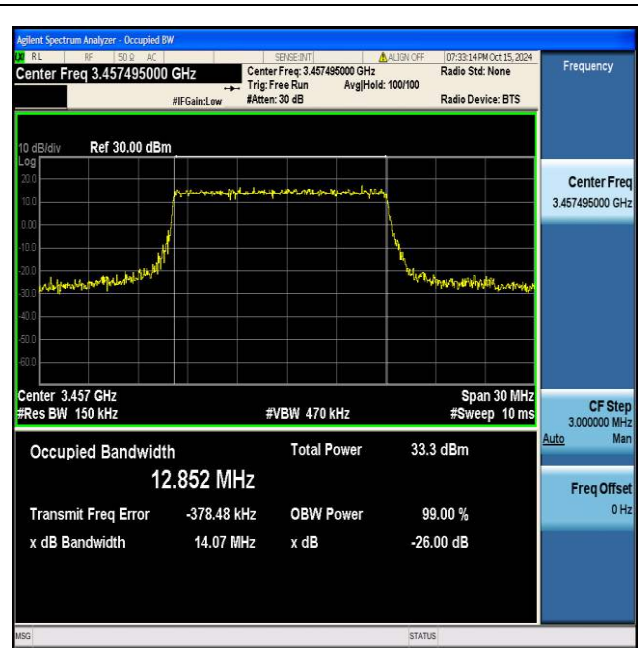


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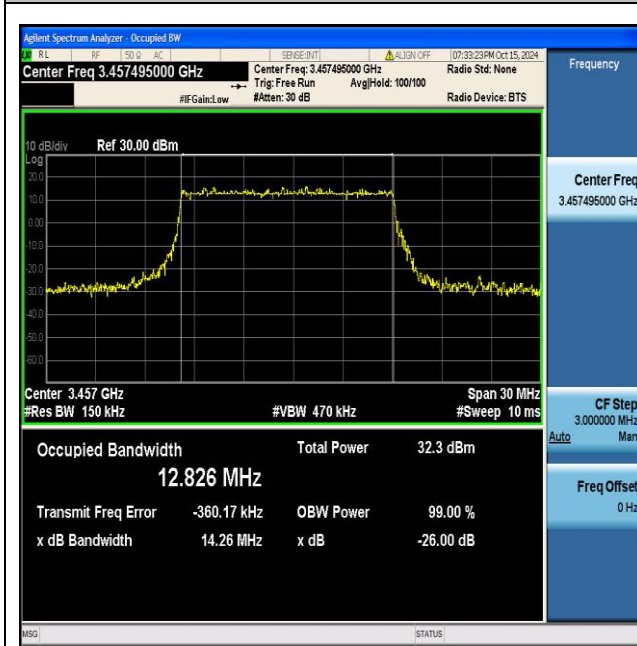




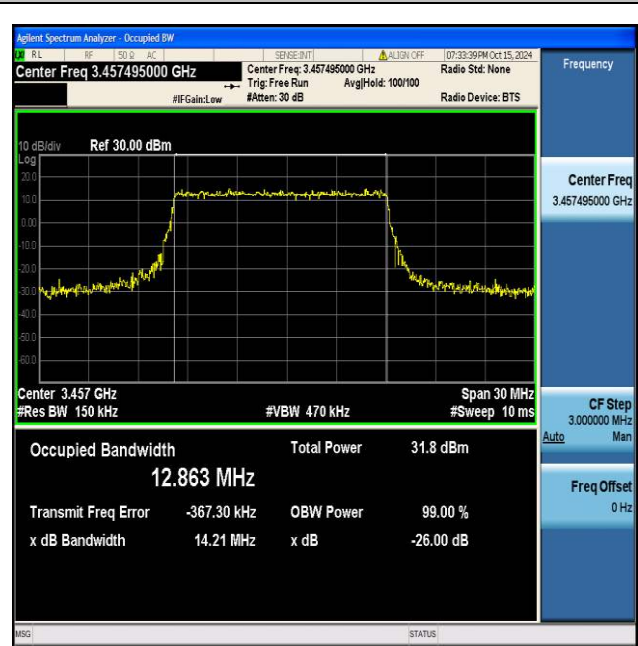
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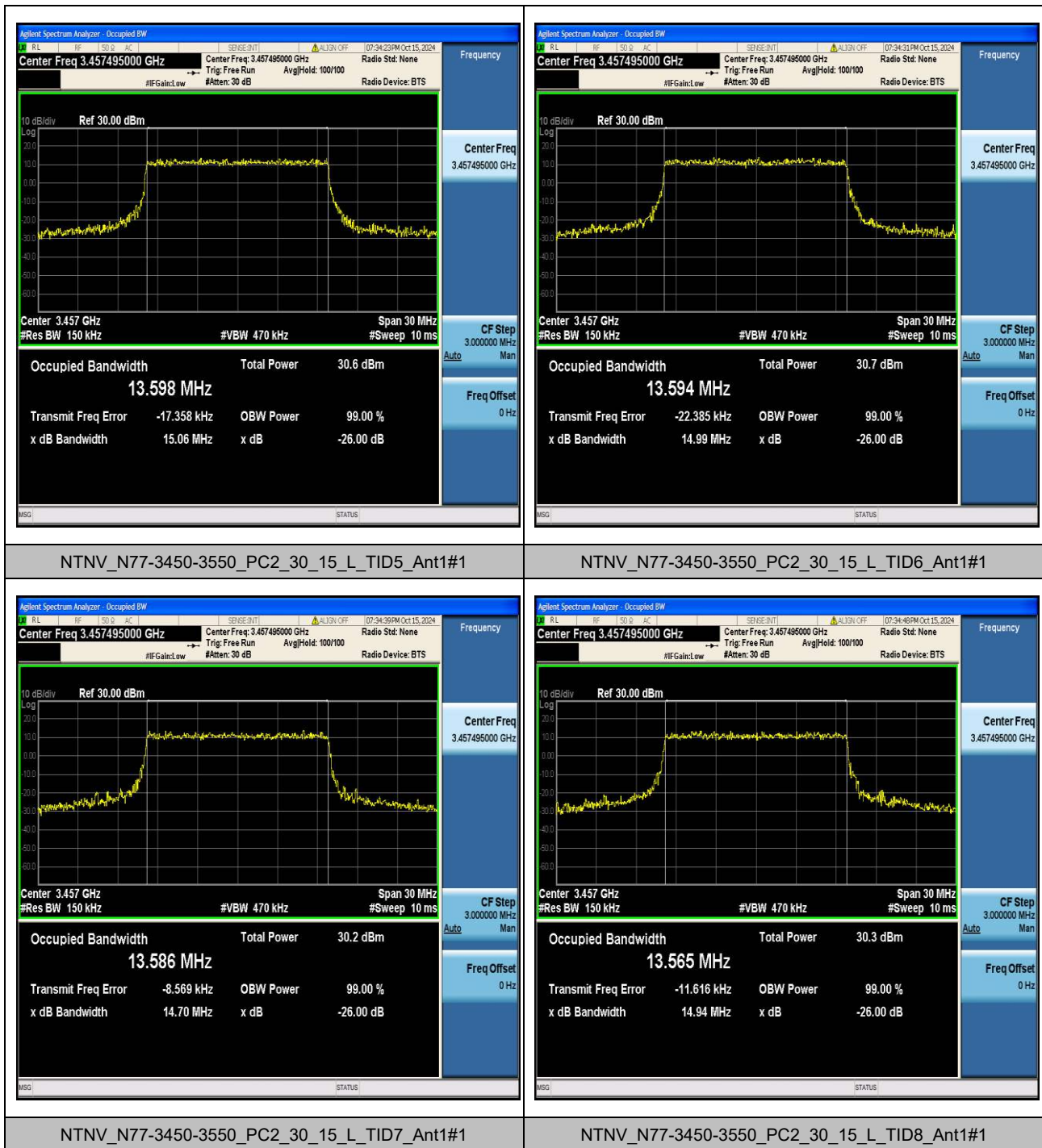
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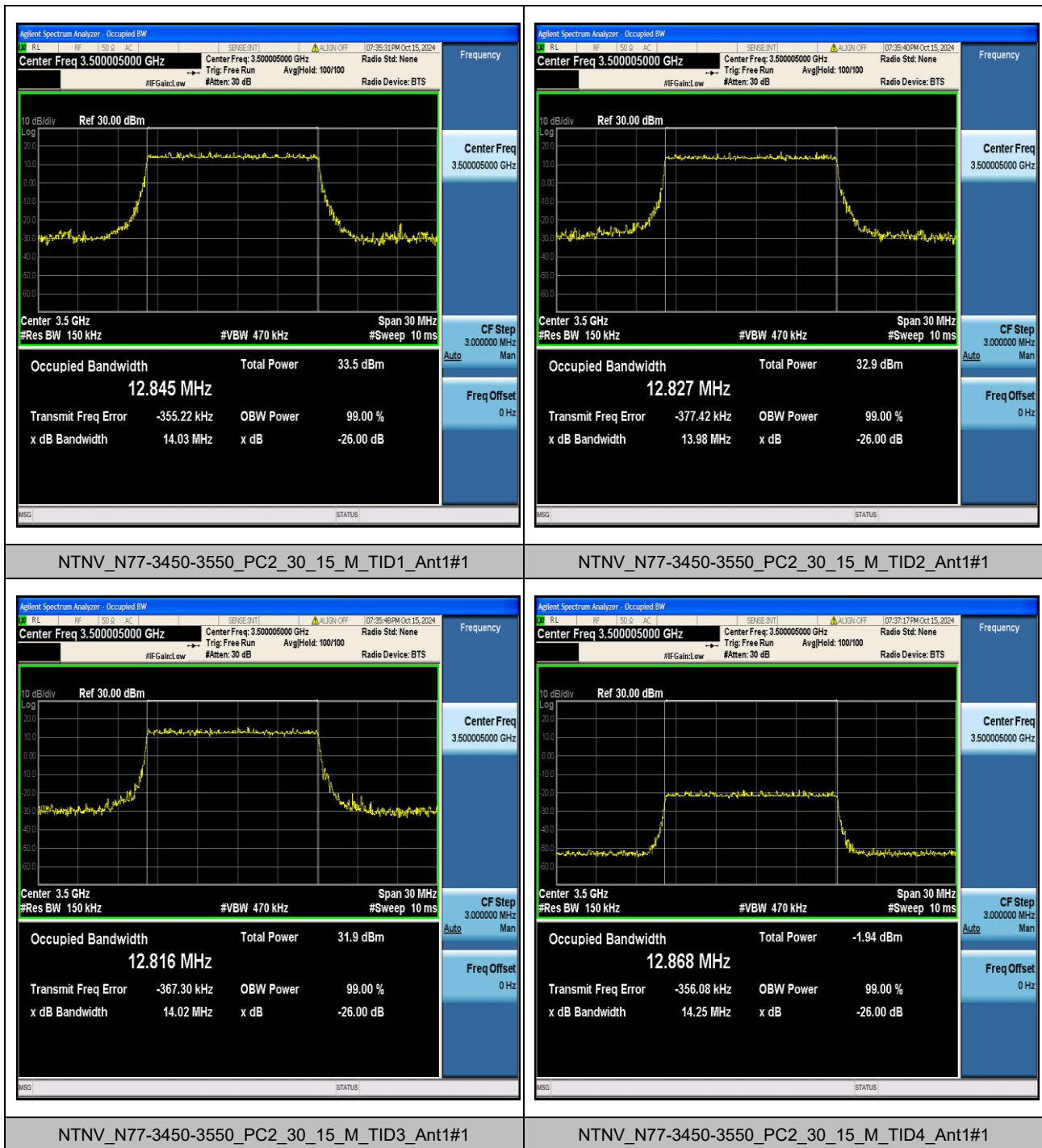


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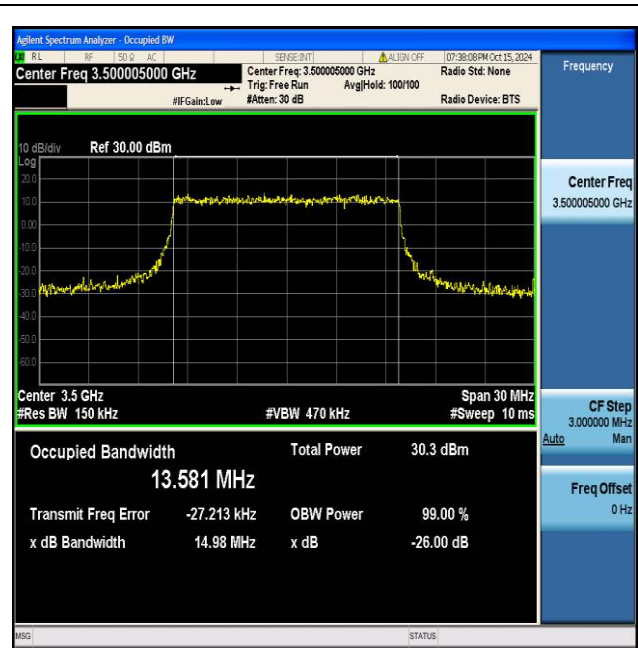
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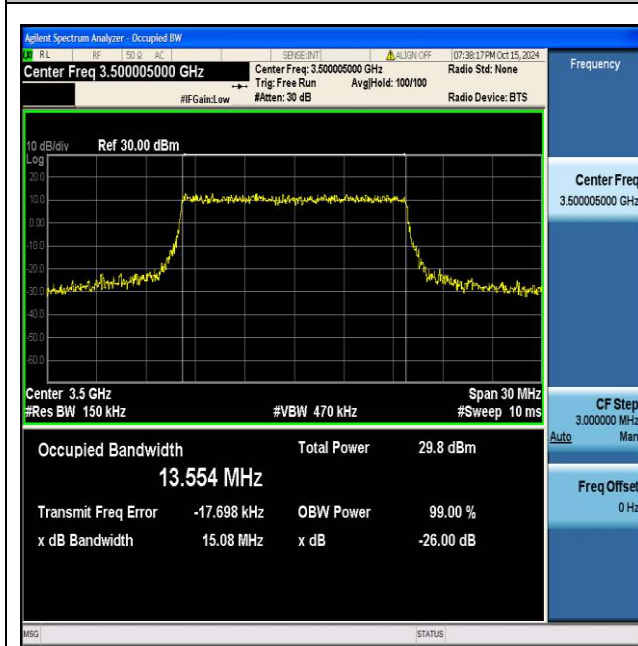




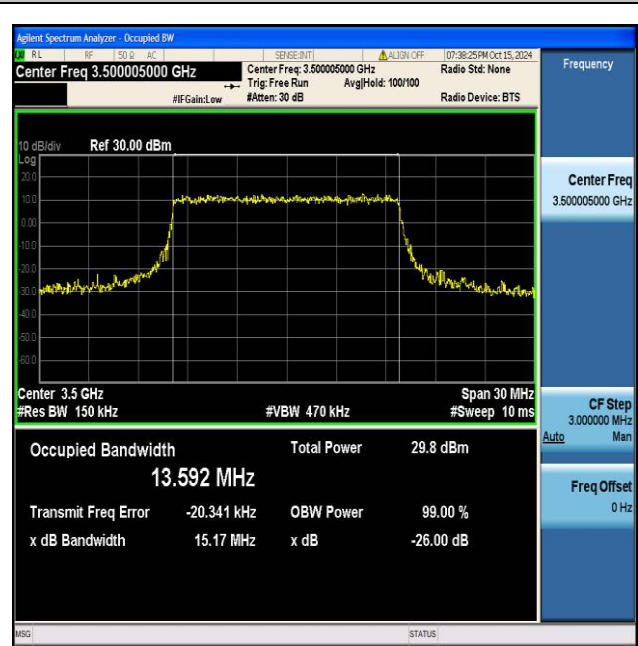
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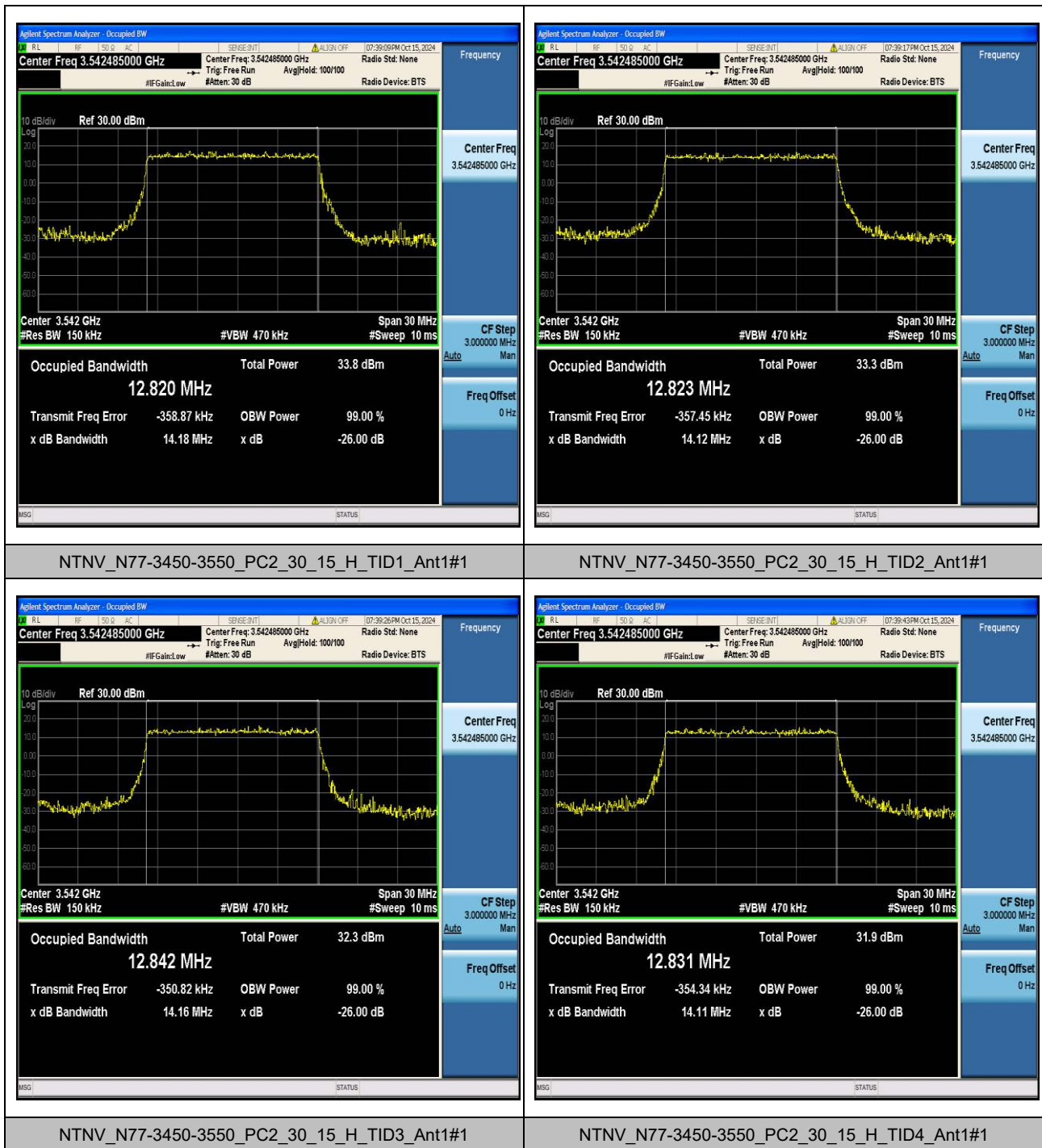
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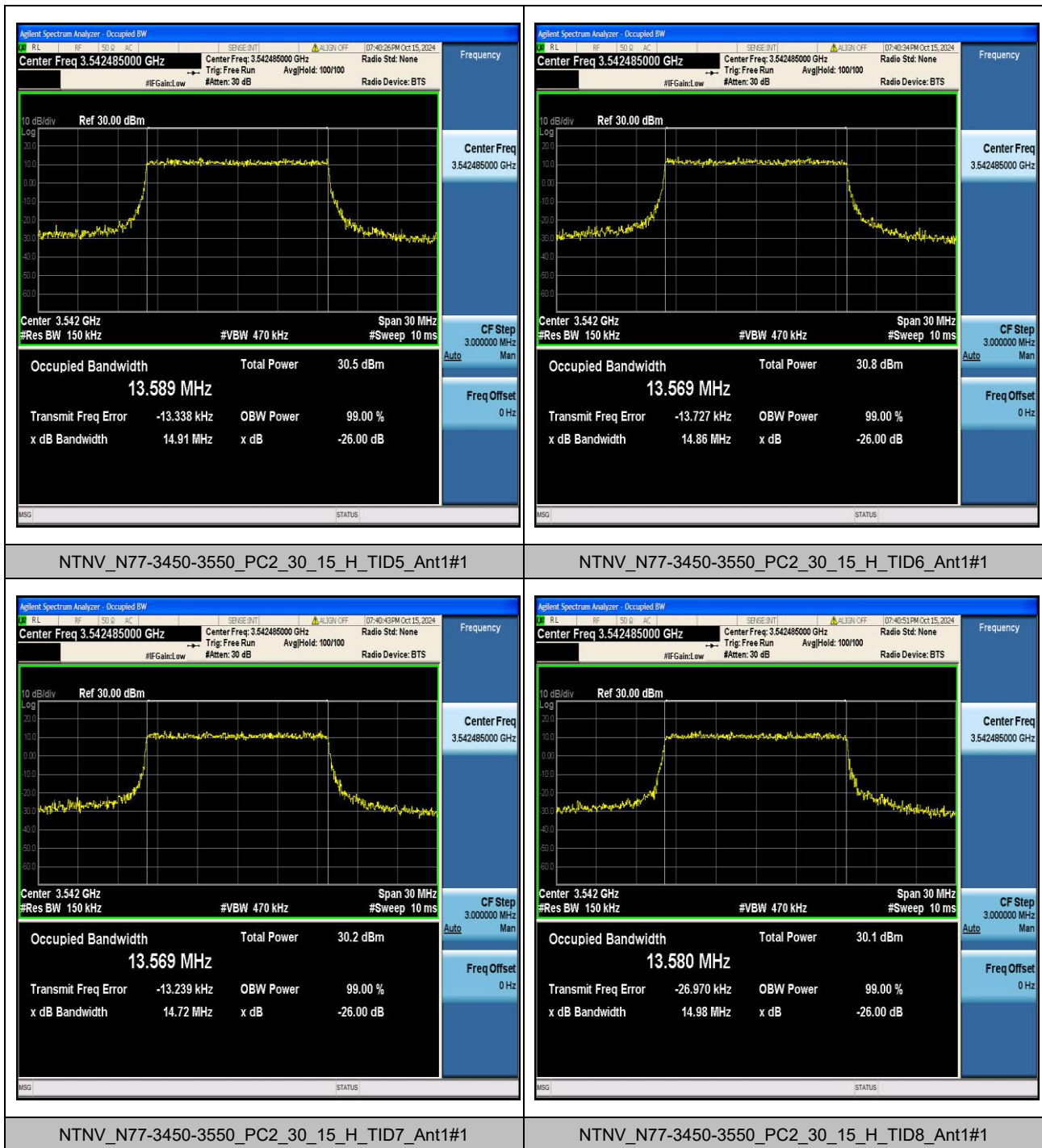


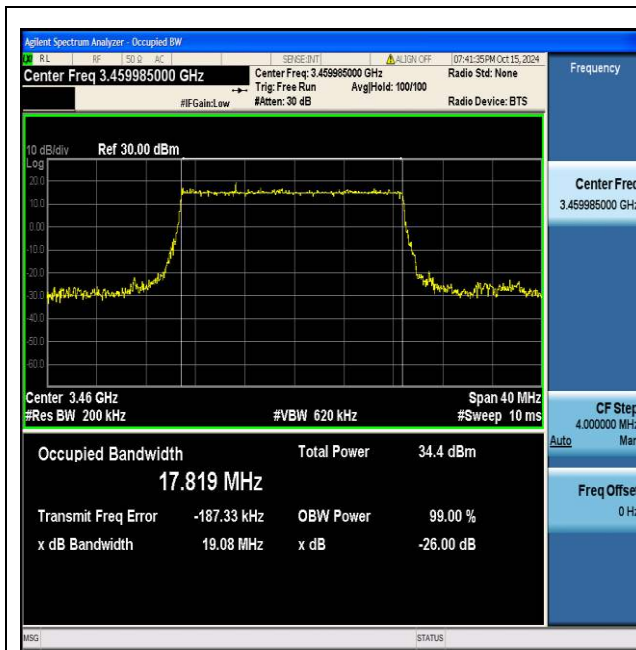
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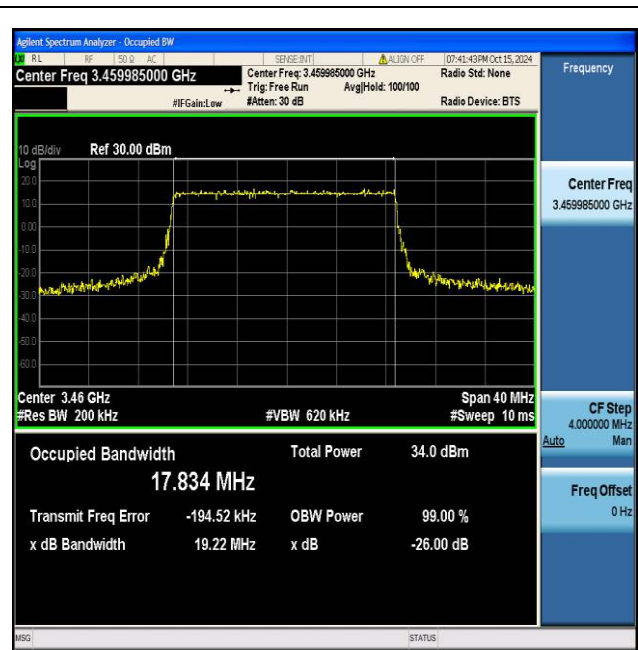
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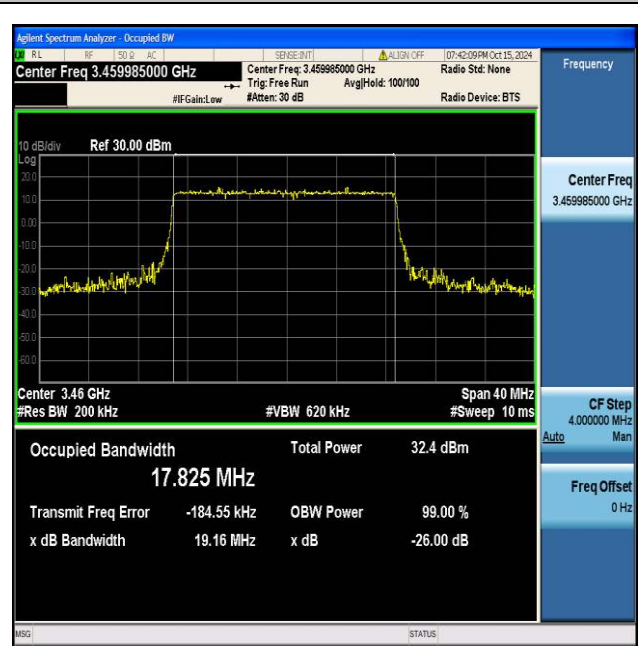
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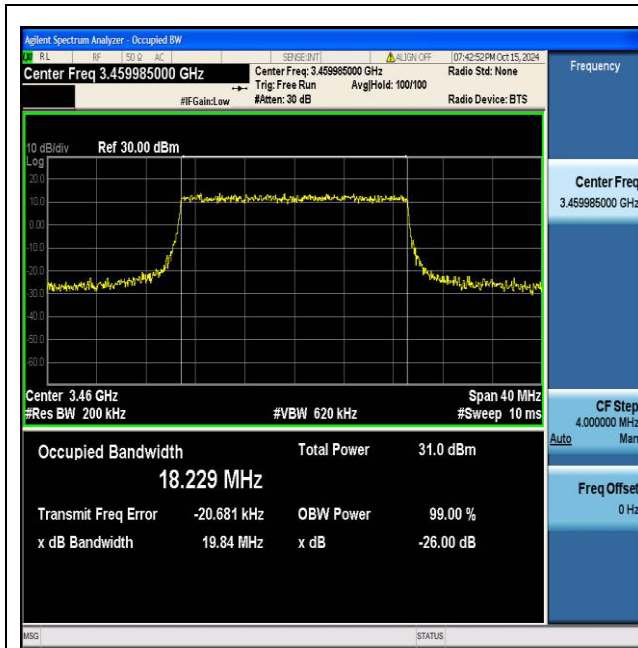
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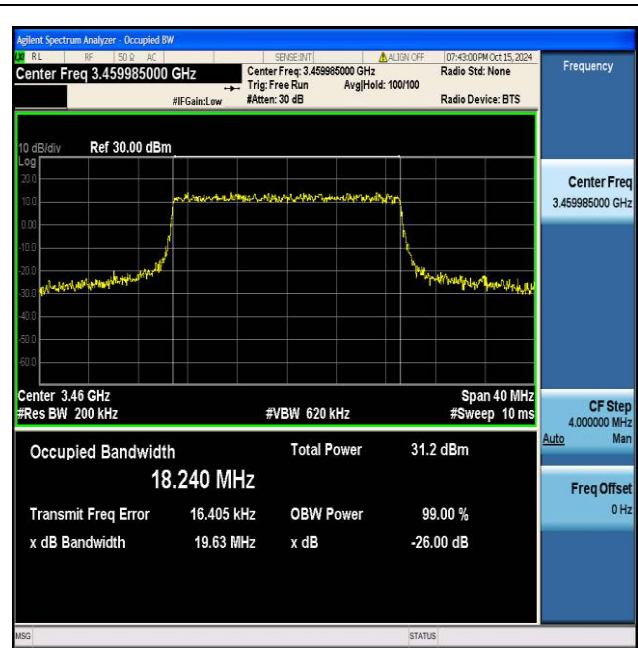
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NTNV_N77-3450-3550_PC2_30_20_L_TID4_Ant1#1



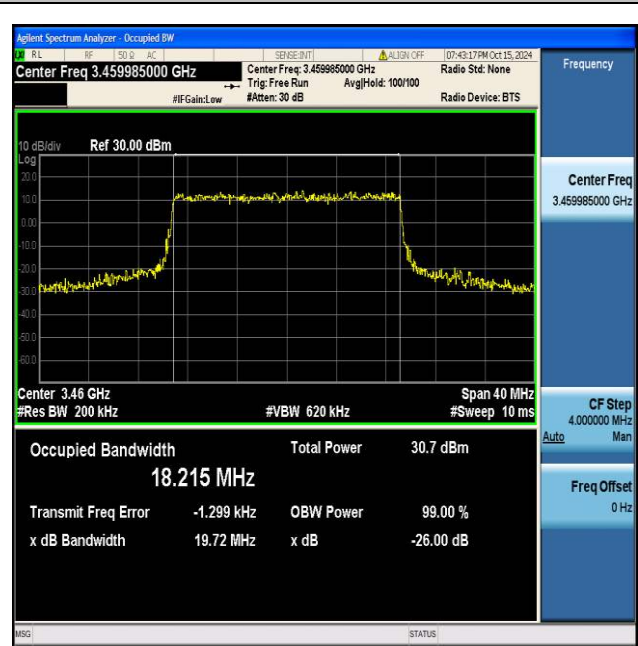
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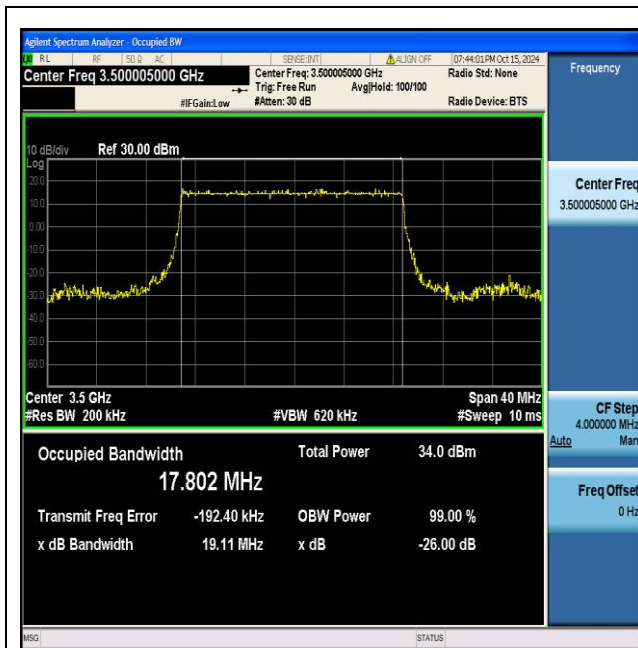
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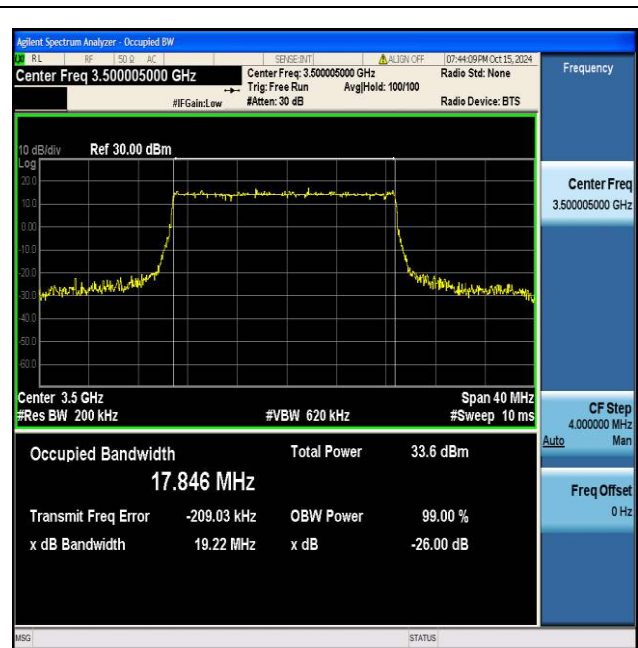
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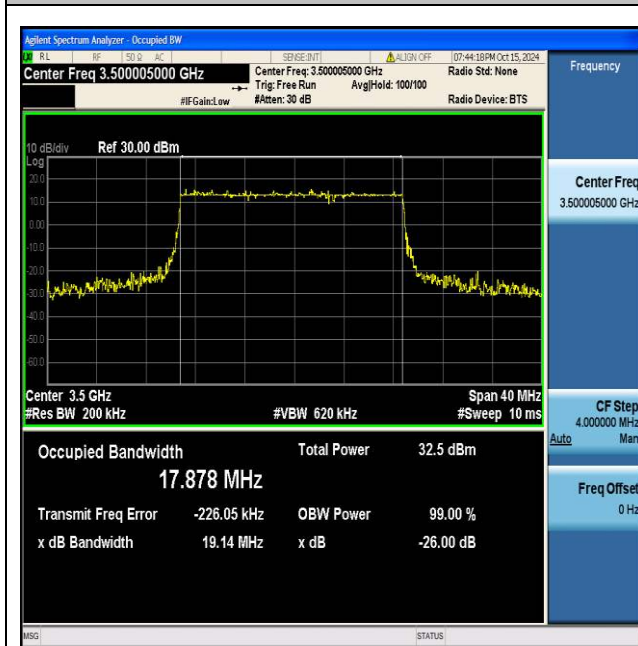
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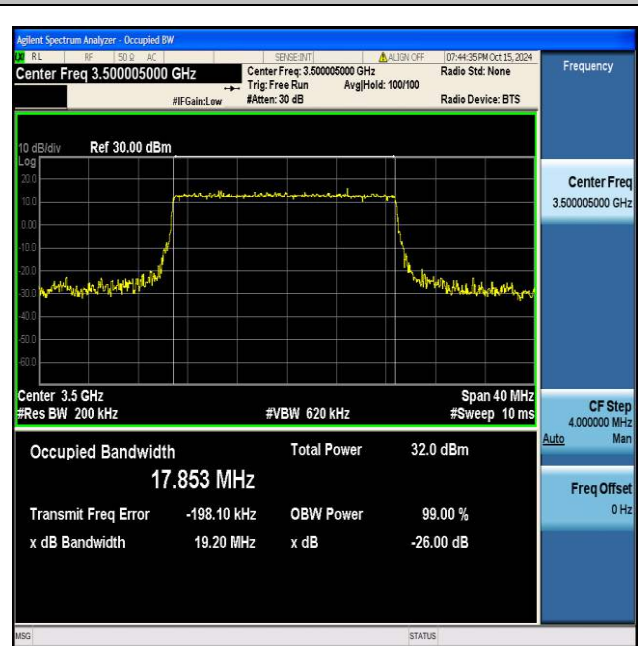
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NTNV_N77-3450-3550_PC2_30_20_M_TID3_Ant1#1



NTNV_N77-3450-3550_PC2_30_20_M_TID4_Ant1#1

