n77(3450-3550)	30	40	L	DFT-QPSK	Inner_1RB_Right	23.91	23.87	26.90	28.90	30	PASS
n77(3450-3550)	30	40	L	DFT-QPSK	Inner_Full	23.87	23.87	26.88	28.88	30	PASS
n77(3450-3550)	30	40	L	DFT-QPSK	Outer_Full	22.87	22.54	25.72	27.72	30	PASS
n77(3450-3550)	30	40	L	DFT-16QAM	Inner_1RB_Left	22.78	22.53	25.67	27.67	30	PASS
n77(3450-3550)	30	40	L	DFT-16QAM	Inner_1RB_Right	22.52	22.71	25.63	27.63	30	PASS
n77(3450-3550)	30	40	L	DFT-16QAM	Inner_Full	22.83	22.83	25.84	27.84	30	PASS
n77(3450-3550)	30	40	L	DFT-16QAM	Outer_Full	21.8	21.59	24.71	26.71	30	PASS
n77(3450-3550)	30	40	L	DFT-64QAM	Inner_1RB_Left	21.2	21.32	24.27	26.27	30	PASS
n77(3450-3550)	30	40	L	DFT-64QAM	Inner_1RB_Right	21.07	21.07	24.08	26.08	30	PASS
n77(3450-3550)	30	40	L	DFT-64QAM	Inner_Full	21.26	21.34	24.31	26.31	30	PASS
n77(3450-3550)	30	40	L	DFT-64QAM	Outer_Full	21.29	21.44	24.38	26.38	30	PASS
n77(3450-3550)	30	40	L	DFT-256QAM	Inner_1RB_Left	19.36	19.13	22.26	24.26	30	PASS
n77(3450-3550)	30	40	L	DFT-256QAM	Inner_1RB_Right	19.17	19.27	22.23	24.23	30	PASS
n77(3450-3550)	30	40	L	DFT-256QAM	Inner_Full	19.36	19.21	22.30	24.30	30	PASS
n77(3450-3550)	30	40	L	DFT-256QAM	Outer_Full	19.17	19.41	22.30	24.30	30	PASS
n77(3450-3550)	30	40	M	DFT-BPSK	Inner_1RB_Left	24.12	24.25	27.20	29.20	30	PASS
n77(3450-3550)	30	40	M	DFT-BPSK	Inner_1RB_Right	24.16	23.85	27.02	29.02	30	PASS
n77(3450-3550)	30	40	M	DFT-BPSK	Inner_Full	24.27	24.05	27.17	29.17	30	PASS
n77(3450-3550)	30	40	M	DFT-BPSK	Outer_Full	23.58	23.32	26.46	28.46	30	PASS
n77(3450-3550)	30	40	M	DFT-QPSK	Inner_1RB_Left	23.99	23.91	26.96	28.96	30	PASS
n77(3450-3550)	30	40	M	DFT-QPSK	Inner_1RB_Right	24.11	23.67	26.91	28.91	30	PASS
n77(3450-3550)	30	40	M	DFT-QPSK	Inner_Full	24.01	23.8	26.92	28.92	30	PASS

n77(3450-3550)	30	40	M	DFT-QPSK	Outer_Full	22.88	22.58	25.74	27.74	30	PASS
n77(3450-3550)	30	40	M	DFT-16QAM	Inner_1RB_Left	22.93	22.66	25.81	27.81	30	PASS
n77(3450-3550)	30	40	M	DFT-16QAM	Inner_1RB_Right	22.55	22.55	25.56	27.56	30	PASS
n77(3450-3550)	30	40	M	DFT-16QAM	Inner_Full	22.99	22.78	25.90	27.90	30	PASS
n77(3450-3550)	30	40	M	DFT-16QAM	Outer_Full	21.93	21.54	24.75	26.75	30	PASS
n77(3450-3550)	30	40	M	DFT-64QAM	Inner_1RB_Left	21.55	20.91	24.25	26.25	30	PASS
n77(3450-3550)	30	40	M	DFT-64QAM	Inner_1RB_Right	21.32	21.43	24.39	26.39	30	PASS
n77(3450-3550)	30	40	M	DFT-64QAM	Inner_Full	21.43	21.23	24.34	26.34	30	PASS
n77(3450-3550)	30	40	M	DFT-64QAM	Outer_Full	21.41	21.32	24.38	26.38	30	PASS
n77(3450-3550)	30	40	M	DFT-256QAM	Inner_1RB_Left	19.19	19.12	22.17	24.17	30	PASS
n77(3450-3550)	30	40	M	DFT-256QAM	Inner_1RB_Right	19.08	19.23	22.17	24.17	30	PASS
n77(3450-3550)	30	40	M	DFT-256QAM	Inner_Full	19.39	19.44	22.43	24.43	30	PASS
n77(3450-3550)	30	40	M	DFT-256QAM	Outer_Full	19.31	18.98	22.16	24.16	30	PASS
n77(3450-3550)	30	40	H	DFT-BPSK	Inner_1RB_Left	24.25	24.09	27.18	29.18	30	PASS
n77(3450-3550)	30	40	H	DFT-BPSK	Inner_1RB_Right	24.41	23.83	27.14	29.14	30	PASS
n77(3450-3550)	30	40	H	DFT-BPSK	Inner_Full	23.89	24.12	27.02	29.02	30	PASS
n77(3450-3550)	30	40	H	DFT-BPSK	Outer_Full	23.44	23.31	26.39	28.39	30	PASS
n77(3450-3550)	30	40	H	DFT-QPSK	Inner_1RB_Left	24.02	24.04	27.04	29.04	30	PASS
n77(3450-3550)	30	40	H	DFT-QPSK	Inner_1RB_Right	24.02	23.97	27.01	29.01	30	PASS
n77(3450-3550)	30	40	H	DFT-QPSK	Inner_Full	23.75	23.88	26.83	28.83	30	PASS
n77(3450-3550)	30	40	H	DFT-QPSK	Outer_Full	22.71	22.58	25.66	27.66	30	PASS
n77(3450-3550)	30	40	H	DFT-16QAM	Inner_1RB_Left	22.91	22.89	25.91	27.91	30	PASS

n77(3450-3550)	30	40	H	DFT-16QAM	Inner_1RB_Right	22.91	22.83	25.88	27.88	30	PASS
n77(3450-3550)	30	40	H	DFT-16QAM	Inner_Full	22.6	22.87	25.75	27.75	30	PASS
n77(3450-3550)	30	40	H	DFT-16QAM	Outer_Full	21.77	21.86	24.83	26.83	30	PASS
n77(3450-3550)	30	40	H	DFT-64QAM	Inner_1RB_Left	21.15	21.72	24.45	26.45	30	PASS
n77(3450-3550)	30	40	H	DFT-64QAM	Inner_1RB_Right	21.22	21.07	24.16	26.16	30	PASS
n77(3450-3550)	30	40	H	DFT-64QAM	Inner_Full	21.08	21.34	24.22	26.22	30	PASS
n77(3450-3550)	30	40	H	DFT-64QAM	Outer_Full	21.16	21.34	24.26	26.26	30	PASS
n77(3450-3550)	30	40	H	DFT-256QAM	Inner_1RB_Left	19.28	19.18	22.24	24.24	30	PASS
n77(3450-3550)	30	40	H	DFT-256QAM	Inner_1RB_Right	19.27	19.26	22.28	24.28	30	PASS
n77(3450-3550)	30	40	H	DFT-256QAM	Inner_Full	19.39	19.2	22.31	24.31	30	PASS
n77(3450-3550)	30	40	H	DFT-256QAM	Outer_Full	19.42	19.44	22.44	24.44	30	PASS
n77(3450-3550)	30	50	L	DFT-BPSK	Inner_1RB_Left	24.25	23.95	27.11	29.11	30	PASS
n77(3450-3550)	30	50	L	DFT-BPSK	Inner_1RB_Right	24.24	23.82	27.05	29.05	30	PASS
n77(3450-3550)	30	50	L	DFT-BPSK	Inner_Full	24.35	24.33	27.35	29.35	30	PASS
n77(3450-3550)	30	50	L	DFT-BPSK	Outer_Full	23.67	22.88	26.30	28.30	30	PASS
n77(3450-3550)	30	50	L	DFT-QPSK	Inner_1RB_Left	24.1	23.82	26.97	28.97	30	PASS
n77(3450-3550)	30	50	L	DFT-QPSK	Inner_1RB_Right	23.75	24.01	26.89	28.89	30	PASS
n77(3450-3550)	30	50	L	DFT-QPSK	Inner_Full	24.02	24.01	27.03	29.03	30	PASS
n77(3450-3550)	30	50	L	DFT-QPSK	Outer_Full	22.58	22.56	25.58	27.58	30	PASS
n77(3450-3550)	30	50	L	DFT-16QAM	Inner_1RB_Left	22.63	22.72	25.69	27.69	30	PASS
n77(3450-3550)	30	50	L	DFT-16QAM	Inner_1RB_Right	22.66	22.58	25.63	27.63	30	PASS
n77(3450-3550)	30	50	L	DFT-16QAM	Inner_Full	22.91	22.87	25.90	27.90	30	PASS

n77(3450-3550)	30	50	L	DFT-16QAM	Outer_Full	21.98	21.6	24.80	26.80	30	PASS
n77(3450-3550)	30	50	L	DFT-64QAM	Inner_1RB_Left	21.19	21.3	24.26	26.26	30	PASS
n77(3450-3550)	30	50	L	DFT-64QAM	Inner_1RB_Right	21.51	21.2	24.37	26.37	30	PASS
n77(3450-3550)	30	50	L	DFT-64QAM	Inner_Full	21.54	21.33	24.45	26.45	30	PASS
n77(3450-3550)	30	50	L	DFT-64QAM	Outer_Full	21.41	20.71	24.08	26.08	30	PASS
n77(3450-3550)	30	50	L	DFT-256QAM	Inner_1RB_Left	19.44	19.23	22.35	24.35	30	PASS
n77(3450-3550)	30	50	L	DFT-256QAM	Inner_1RB_Right	19.54	19.1	22.34	24.34	30	PASS
n77(3450-3550)	30	50	L	DFT-256QAM	Inner_Full	19.25	19.18	22.23	24.23	30	PASS
n77(3450-3550)	30	50	L	DFT-256QAM	Outer_Full	19.29	19.34	22.33	24.33	30	PASS
n77(3450-3550)	30	50	M	DFT-BPSK	Inner_1RB_Left	24.26	24.21	27.25	29.25	30	PASS
n77(3450-3550)	30	50	M	DFT-BPSK	Inner_1RB_Right	24.16	23.71	26.95	28.95	30	PASS
n77(3450-3550)	30	50	M	DFT-BPSK	Inner_Full	24.36	24.34	27.36	29.36	30	PASS
n77(3450-3550)	30	50	M	DFT-BPSK	Outer_Full	23.64	23.33	26.50	28.50	30	PASS
n77(3450-3550)	30	50	M	DFT-QPSK	Inner_1RB_Left	24.05	23.97	27.02	29.02	30	PASS
n77(3450-3550)	30	50	M	DFT-QPSK	Inner_1RB_Right	23.86	23.87	26.88	28.88	30	PASS
n77(3450-3550)	30	50	M	DFT-QPSK	Inner_Full	24.07	23.96	27.03	29.03	30	PASS
n77(3450-3550)	30	50	M	DFT-QPSK	Outer_Full	22.58	22.51	25.56	27.56	30	PASS
n77(3450-3550)	30	50	M	DFT-16QAM	Inner_1RB_Left	22.65	22.65	25.66	27.66	30	PASS
n77(3450-3550)	30	50	M	DFT-16QAM	Inner_1RB_Right	22.52	22.57	25.56	27.56	30	PASS
n77(3450-3550)	30	50	M	DFT-16QAM	Inner_Full	23.02	22.58	25.82	27.82	30	PASS
n77(3450-3550)	30	50	M	DFT-16QAM	Outer_Full	21.97	21.63	24.81	26.81	30	PASS
n77(3450-3550)	30	50	M	DFT-64QAM	Inner_1RB_Left	21.34	21.05	24.21	26.21	30	PASS

n77(3450-3550)	30	50	M	DFT-64QAM	Inner_1RB_Right	21.13	21.31	24.23	26.23	30	PASS
n77(3450-3550)	30	50	M	DFT-64QAM	Inner_Full	21.6	21.44	24.53	26.53	30	PASS
n77(3450-3550)	30	50	M	DFT-64QAM	Outer_Full	21.52	21.2	24.37	26.37	30	PASS
n77(3450-3550)	30	50	M	DFT-256QAM	Inner_1RB_Left	19.29	19.09	22.20	24.20	30	PASS
n77(3450-3550)	30	50	M	DFT-256QAM	Inner_1RB_Right	19.14	19.37	22.27	24.27	30	PASS
n77(3450-3550)	30	50	M	DFT-256QAM	Inner_Full	19.3	19.23	22.28	24.28	30	PASS
n77(3450-3550)	30	50	M	DFT-256QAM	Outer_Full	19.17	19.4	22.30	24.30	30	PASS
n77(3450-3550)	30	50	H	DFT-BPSK	Inner_1RB_Left	24.36	23.92	27.16	29.16	30	PASS
n77(3450-3550)	30	50	H	DFT-BPSK	Inner_1RB_Right	24.46	24.37	27.43	29.43	30	PASS
n77(3450-3550)	30	50	H	DFT-BPSK	Inner_Full	24.12	24.27	27.21	29.21	30	PASS
n77(3450-3550)	30	50	H	DFT-BPSK	Outer_Full	23.61	23.35	26.49	28.49	30	PASS
n77(3450-3550)	30	50	H	DFT-QPSK	Inner_1RB_Left	24.09	23.98	27.05	29.05	30	PASS
n77(3450-3550)	30	50	H	DFT-QPSK	Inner_1RB_Right	24.04	23.97	27.02	29.02	30	PASS
n77(3450-3550)	30	50	H	DFT-QPSK	Inner_Full	23.97	24.03	27.01	29.01	30	PASS
n77(3450-3550)	30	50	H	DFT-QPSK	Outer_Full	22.62	22.63	25.64	27.64	30	PASS
n77(3450-3550)	30	50	H	DFT-16QAM	Inner_1RB_Left	22.61	22.79	25.71	27.71	30	PASS
n77(3450-3550)	30	50	H	DFT-16QAM	Inner_1RB_Right	22.71	22.81	25.77	27.77	30	PASS
n77(3450-3550)	30	50	H	DFT-16QAM	Inner_Full	22.83	22.97	25.91	27.91	30	PASS
n77(3450-3550)	30	50	H	DFT-16QAM	Outer_Full	21.92	21.61	24.78	26.78	30	PASS
n77(3450-3550)	30	50	H	DFT-64QAM	Inner_1RB_Left	21.27	21.73	24.52	26.52	30	PASS
n77(3450-3550)	30	50	H	DFT-64QAM	Inner_1RB_Right	21.24	21.34	24.30	26.30	30	PASS
n77(3450-3550)	30	50	H	DFT-64QAM	Inner_Full	21.48	21.54	24.52	26.52	30	PASS

n77(3450-3550)	30	50	H	DFT-64QAM	Outer_Full	21.44	21.39	24.43	26.43	30	PASS
n77(3450-3550)	30	50	H	DFT-256QAM	Inner_1RB_Left	19.32	19.15	22.25	24.25	30	PASS
n77(3450-3550)	30	50	H	DFT-256QAM	Inner_1RB_Right	19.05	19.16	22.12	24.12	30	PASS
n77(3450-3550)	30	50	H	DFT-256QAM	Inner_Full	19.23	19.23	22.24	24.24	30	PASS
n77(3450-3550)	30	50	H	DFT-256QAM	Outer_Full	19.33	19.01	22.18	24.18	30	PASS
n77(3450-3550)	30	60	L	DFT-BPSK	Inner_1RB_Left	24.11	23.88	27.01	29.01	30	PASS
n77(3450-3550)	30	60	L	DFT-BPSK	Inner_1RB_Right	24.09	24.35	27.23	29.23	30	PASS
n77(3450-3550)	30	60	L	DFT-BPSK	Inner_Full	24.07	24.36	27.23	29.23	30	PASS
n77(3450-3550)	30	60	L	DFT-BPSK	Outer_Full	23.51	22.82	26.19	28.19	30	PASS
n77(3450-3550)	30	60	L	DFT-QPSK	Inner_1RB_Left	24.01	23.68	26.86	28.86	30	PASS
n77(3450-3550)	30	60	L	DFT-QPSK	Inner_1RB_Right	23.89	23.9	26.91	28.91	30	PASS
n77(3450-3550)	30	60	L	DFT-QPSK	Inner_Full	23.86	23.94	26.91	28.91	30	PASS
n77(3450-3550)	30	60	L	DFT-QPSK	Outer_Full	22.82	22.52	25.68	27.68	30	PASS
n77(3450-3550)	30	60	L	DFT-16QAM	Inner_1RB_Left	22.89	22.73	25.82	27.82	30	PASS
n77(3450-3550)	30	60	L	DFT-16QAM	Inner_1RB_Right	22.67	23.04	25.87	27.87	30	PASS
n77(3450-3550)	30	60	L	DFT-16QAM	Inner_Full	22.72	22.89	25.82	27.82	30	PASS
n77(3450-3550)	30	60	L	DFT-16QAM	Outer_Full	21.64	21.63	24.65	26.65	30	PASS
n77(3450-3550)	30	60	L	DFT-64QAM	Inner_1RB_Left	21.35	21.11	24.24	26.24	30	PASS
n77(3450-3550)	30	60	L	DFT-64QAM	Inner_1RB_Right	21.15	21.04	24.11	26.11	30	PASS
n77(3450-3550)	30	60	L	DFT-64QAM	Inner_Full	21.39	21.34	24.38	26.38	30	PASS
n77(3450-3550)	30	60	L	DFT-64QAM	Outer_Full	21.22	20.86	24.05	26.05	30	PASS
n77(3450-3550)	30	60	L	DFT-256QAM	Inner_1RB_Left	19.42	19.1	22.27	24.27	30	PASS

n77(3450-3550)	30	60	L	DFT-256QAM	Inner_1RB_Right	19.15	19.18	22.18	24.18	30	PASS
n77(3450-3550)	30	60	L	DFT-256QAM	Inner_Full	19.47	19.17	22.33	24.33	30	PASS
n77(3450-3550)	30	60	L	DFT-256QAM	Outer_Full	19.41	19.34	22.39	24.39	30	PASS
n77(3450-3550)	30	60	M	DFT-BPSK	Inner_1RB_Left	24.16	24.11	27.15	29.15	30	PASS
n77(3450-3550)	30	60	M	DFT-BPSK	Inner_1RB_Right	24.39	24.39	27.40	29.40	30	PASS
n77(3450-3550)	30	60	M	DFT-BPSK	Inner_Full	24.03	23.93	26.99	28.99	30	PASS
n77(3450-3550)	30	60	M	DFT-BPSK	Outer_Full	23.43	23.3	26.38	28.38	30	PASS
n77(3450-3550)	30	60	M	DFT-QPSK	Inner_1RB_Left	23.94	23.87	26.92	28.92	30	PASS
n77(3450-3550)	30	60	M	DFT-QPSK	Inner_1RB_Right	24.03	23.91	26.98	28.98	30	PASS
n77(3450-3550)	30	60	M	DFT-QPSK	Inner_Full	23.88	23.78	26.84	28.84	30	PASS
n77(3450-3550)	30	60	M	DFT-QPSK	Outer_Full	22.8	22.47	25.65	27.65	30	PASS
n77(3450-3550)	30	60	M	DFT-16QAM	Inner_1RB_Left	23	22.65	25.84	27.84	30	PASS
n77(3450-3550)	30	60	M	DFT-16QAM	Inner_1RB_Right	23	22.61	25.82	27.82	30	PASS
n77(3450-3550)	30	60	M	DFT-16QAM	Inner_Full	22.75	22.58	25.68	27.68	30	PASS
n77(3450-3550)	30	60	M	DFT-16QAM	Outer_Full	21.65	21.58	24.63	26.63	30	PASS
n77(3450-3550)	30	60	M	DFT-64QAM	Inner_1RB_Left	21.47	21.28	24.39	26.39	30	PASS
n77(3450-3550)	30	60	M	DFT-64QAM	Inner_1RB_Right	21.23	21.28	24.27	26.27	30	PASS
n77(3450-3550)	30	60	M	DFT-64QAM	Inner_Full	21.25	21.16	24.22	26.22	30	PASS
n77(3450-3550)	30	60	M	DFT-64QAM	Outer_Full	21.14	21.02	24.09	26.09	30	PASS
n77(3450-3550)	30	60	M	DFT-256QAM	Inner_1RB_Left	19.39	19.51	22.46	24.46	30	PASS
n77(3450-3550)	30	60	M	DFT-256QAM	Inner_1RB_Right	19.27	19.25	22.27	24.27	30	PASS
n77(3450-3550)	30	60	M	DFT-256QAM	Inner_Full	19.51	19.36	22.45	24.45	30	PASS

n77(3450-3550)	30	60	M	DFT-256QAM	Outer_Full	19.4	19.23	22.33	24.33	30	PASS
n77(3450-3550)	30	60	H	DFT-BPSK	Inner_1RB_Left	24.25	23.98	27.13	29.13	30	PASS
n77(3450-3550)	30	60	H	DFT-BPSK	Inner_1RB_Right	24.33	24.32	27.34	29.34	30	PASS
n77(3450-3550)	30	60	H	DFT-BPSK	Inner_Full	23.93	24.09	27.02	29.02	30	PASS
n77(3450-3550)	30	60	H	DFT-BPSK	Outer_Full	23.36	23.3	26.34	28.34	30	PASS
n77(3450-3550)	30	60	H	DFT-QPSK	Inner_1RB_Left	23.97	23.76	26.88	28.88	30	PASS
n77(3450-3550)	30	60	H	DFT-QPSK	Inner_1RB_Right	24.12	23.92	27.03	29.03	30	PASS
n77(3450-3550)	30	60	H	DFT-QPSK	Inner_Full	23.66	23.82	26.75	28.75	30	PASS
n77(3450-3550)	30	60	H	DFT-QPSK	Outer_Full	22.71	22.56	25.65	27.65	30	PASS
n77(3450-3550)	30	60	H	DFT-16QAM	Inner_1RB_Left	22.89	22.61	25.76	27.76	30	PASS
n77(3450-3550)	30	60	H	DFT-16QAM	Inner_1RB_Right	22.82	22.87	25.86	27.86	30	PASS
n77(3450-3550)	30	60	H	DFT-16QAM	Inner_Full	22.63	22.71	25.68	27.68	30	PASS
n77(3450-3550)	30	60	H	DFT-16QAM	Outer_Full	21.74	21.63	24.70	26.70	30	PASS
n77(3450-3550)	30	60	H	DFT-64QAM	Inner_1RB_Left	21.64	21.48	24.57	26.57	30	PASS
n77(3450-3550)	30	60	H	DFT-64QAM	Inner_1RB_Right	21.26	21.27	24.28	26.28	30	PASS
n77(3450-3550)	30	60	H	DFT-64QAM	Inner_Full	21.2	21.28	24.25	26.25	30	PASS
n77(3450-3550)	30	60	H	DFT-64QAM	Outer_Full	21.13	21.11	24.13	26.13	30	PASS
n77(3450-3550)	30	60	H	DFT-256QAM	Inner_1RB_Left	19.19	19.35	22.28	24.28	30	PASS
n77(3450-3550)	30	60	H	DFT-256QAM	Inner_1RB_Right	19.17	19.17	22.18	24.18	30	PASS
n77(3450-3550)	30	60	H	DFT-256QAM	Inner_Full	19.34	19.48	22.42	24.42	30	PASS
n77(3450-3550)	30	60	H	DFT-256QAM	Outer_Full	19.35	19.26	22.32	24.32	30	PASS
n77(3450-3550)	30	70	L	DFT-BPSK	Inner_1RB_Left	24.17	23.78	26.99	28.99	30	PASS

	30	70	L	DFT-BPSK	Inner_1RB_Right	24.46	23.71	27.11	29.11	30	PASS
n77(3450-3550)	30	70	L	DFT-BPSK	Inner_Full	24.19	24.25	27.23	29.23	30	PASS
n77(3450-3550)	30	70	L	DFT-BPSK	Outer_Full	23.56	22.88	26.24	28.24	30	PASS
n77(3450-3550)	30	70	L	DFT-QPSK	Inner_1RB_Left	24.05	23.88	26.98	28.98	30	PASS
n77(3450-3550)	30	70	L	DFT-QPSK	Inner_1RB_Right	23.98	24.04	27.02	29.02	30	PASS
n77(3450-3550)	30	70	L	DFT-QPSK	Inner_Full	24.03	24.02	27.04	29.04	30	PASS
n77(3450-3550)	30	70	L	DFT-QPSK	Outer_Full	22.53	22.55	25.55	27.55	30	PASS
n77(3450-3550)	30	70	L	DFT-16QAM	Inner_1RB_Left	22.91	22.58	25.76	27.76	30	PASS
n77(3450-3550)	30	70	L	DFT-16QAM	Inner_1RB_Right	22.9	22.83	25.88	27.88	30	PASS
n77(3450-3550)	30	70	L	DFT-16QAM	Inner_Full	22.94	22.82	25.89	27.89	30	PASS
n77(3450-3550)	30	70	L	DFT-16QAM	Outer_Full	21.8	21.67	24.75	26.75	30	PASS
n77(3450-3550)	30	70	L	DFT-64QAM	Inner_1RB_Left	21.18	21.32	24.26	26.26	30	PASS
n77(3450-3550)	30	70	L	DFT-64QAM	Inner_1RB_Right	21.16	21.26	24.22	26.22	30	PASS
n77(3450-3550)	30	70	L	DFT-64QAM	Inner_Full	21.36	20.83	24.11	26.11	30	PASS
n77(3450-3550)	30	70	L	DFT-64QAM	Outer_Full	21.36	20.77	24.09	26.09	30	PASS
n77(3450-3550)	30	70	L	DFT-256QAM	Inner_1RB_Left	19.35	19.18	22.28	24.28	30	PASS
n77(3450-3550)	30	70	L	DFT-256QAM	Inner_1RB_Right	19.15	19.3	22.24	24.24	30	PASS
n77(3450-3550)	30	70	L	DFT-256QAM	Inner_Full	19.46	19.3	22.39	24.39	30	PASS
n77(3450-3550)	30	70	L	DFT-256QAM	Outer_Full	19.05	19.23	22.15	24.15	30	PASS
n77(3450-3550)	30	70	M	DFT-BPSK	Inner_1RB_Left	24	23.9	26.96	28.96	30	PASS
n77(3450-3550)	30	70	M	DFT-BPSK	Inner_1RB_Right	24.19	24.29	27.25	29.25	30	PASS
n77(3450-3550)	30	70	M	DFT-BPSK	Inner_Full	24.16	24.01	27.10	29.10	30	PASS

n77(3450-3550)	30	70	M	DFT-BPSK	Outer_Full	23.52	23.26	26.40	28.40	30	PASS
n77(3450-3550)	30	70	M	DFT-QPSK	Inner_1RB_Left	23.9	23.96	26.94	28.94	30	PASS
n77(3450-3550)	30	70	M	DFT-QPSK	Inner_1RB_Right	23.92	23.95	26.95	28.95	30	PASS
n77(3450-3550)	30	70	M	DFT-QPSK	Inner_Full	23.93	23.91	26.93	28.93	30	PASS
n77(3450-3550)	30	70	M	DFT-QPSK	Outer_Full	22.84	22.6	25.73	27.73	30	PASS
n77(3450-3550)	30	70	M	DFT-16QAM	Inner_1RB_Left	22.89	22.78	25.85	27.85	30	PASS
n77(3450-3550)	30	70	M	DFT-16QAM	Inner_1RB_Right	22.85	22.84	25.86	27.86	30	PASS
n77(3450-3550)	30	70	M	DFT-16QAM	Inner_Full	22.87	22.85	25.87	27.87	30	PASS
n77(3450-3550)	30	70	M	DFT-16QAM	Outer_Full	21.97	21.63	24.81	26.81	30	PASS
n77(3450-3550)	30	70	M	DFT-64QAM	Inner_1RB_Left	21.26	21.19	24.24	26.24	30	PASS
n77(3450-3550)	30	70	M	DFT-64QAM	Inner_1RB_Right	21.26	21.13	24.21	26.21	30	PASS
n77(3450-3550)	30	70	M	DFT-64QAM	Inner_Full	21.45	21.23	24.35	26.35	30	PASS
n77(3450-3550)	30	70	M	DFT-64QAM	Outer_Full	21.34	21.07	24.22	26.22	30	PASS
n77(3450-3550)	30	70	M	DFT-256QAM	Inner_1RB_Left	19.42	19.47	22.46	24.46	30	PASS
n77(3450-3550)	30	70	M	DFT-256QAM	Inner_1RB_Right	19.19	19.24	22.23	24.23	30	PASS
n77(3450-3550)	30	70	M	DFT-256QAM	Inner_Full	19.25	19.17	22.22	24.22	30	PASS
n77(3450-3550)	30	70	M	DFT-256QAM	Outer_Full	19.13	19.33	22.24	24.24	30	PASS
n77(3450-3550)	30	70	H	DFT-BPSK	Inner_1RB_Left	24.18	24.25	27.23	29.23	30	PASS
n77(3450-3550)	30	70	H	DFT-BPSK	Inner_1RB_Right	24.15	24.24	27.21	29.21	30	PASS
n77(3450-3550)	30	70	H	DFT-BPSK	Inner_Full	24.04	24.08	27.07	29.07	30	PASS
n77(3450-3550)	30	70	H	DFT-BPSK	Outer_Full	23.29	23.22	26.27	28.27	30	PASS
n77(3450-3550)	30	70	H	DFT-QPSK	Inner_1RB_Left	23.98	23.79	26.90	28.90	30	PASS

n77(3450-3550)	30	70	H	DFT-QPSK	Inner_1RB_Right	23.98	24.01	27.01	29.01	30	PASS
n77(3450-3550)	30	70	H	DFT-QPSK	Inner_Full	23.9	23.97	26.95	28.95	30	PASS
n77(3450-3550)	30	70	H	DFT-QPSK	Outer_Full	22.63	22.57	25.61	27.61	30	PASS
n77(3450-3550)	30	70	H	DFT-16QAM	Inner_1RB_Left	22.91	22.75	25.84	27.84	30	PASS
n77(3450-3550)	30	70	H	DFT-16QAM	Inner_1RB_Right	22.85	23.01	25.94	27.94	30	PASS
n77(3450-3550)	30	70	H	DFT-16QAM	Inner_Full	22.86	22.71	25.80	27.80	30	PASS
n77(3450-3550)	30	70	H	DFT-16QAM	Outer_Full	21.79	21.79	24.80	26.80	30	PASS
n77(3450-3550)	30	70	H	DFT-64QAM	Inner_1RB_Left	21.16	21.23	24.21	26.21	30	PASS
n77(3450-3550)	30	70	H	DFT-64QAM	Inner_1RB_Right	21.32	21.16	24.25	26.25	30	PASS
n77(3450-3550)	30	70	H	DFT-64QAM	Inner_Full	21.34	21.58	24.47	26.47	30	PASS
n77(3450-3550)	30	70	H	DFT-64QAM	Outer_Full	21.42	21.2	24.32	26.32	30	PASS
n77(3450-3550)	30	70	H	DFT-256QAM	Inner_1RB_Left	19.25	19.29	22.28	24.28	30	PASS
n77(3450-3550)	30	70	H	DFT-256QAM	Inner_1RB_Right	19.17	19.16	22.18	24.18	30	PASS
n77(3450-3550)	30	70	H	DFT-256QAM	Inner_Full	19.19	19.18	22.20	24.20	30	PASS
n77(3450-3550)	30	70	H	DFT-256QAM	Outer_Full	19.05	19.41	22.24	24.24	30	PASS
n77(3450-3550)	30	80	L	DFT-BPSK	Inner_1RB_Left	24.29	23.81	27.07	29.07	30	PASS
n77(3450-3550)	30	80	L	DFT-BPSK	Inner_1RB_Right	24.16	24.23	27.21	29.21	30	PASS
n77(3450-3550)	30	80	L	DFT-BPSK	Inner_Full	24.19	23.76	26.99	28.99	30	PASS
n77(3450-3550)	30	80	L	DFT-BPSK	Outer_Full	23.43	23.05	26.25	28.25	30	PASS
n77(3450-3550)	30	80	L	DFT-QPSK	Inner_1RB_Left	24.14	23.73	26.95	28.95	30	PASS
n77(3450-3550)	30	80	L	DFT-QPSK	Inner_1RB_Right	24.09	23.88	27.00	29.00	30	PASS
n77(3450-3550)	30	80	L	DFT-QPSK	Inner_Full	23.97	23.87	26.93	28.93	30	PASS

n77(3450-3550)	30	80	L	DFT-QPSK	Outer_Full	22.54	22.67	25.62	27.62	30	PASS
n77(3450-3550)	30	80	L	DFT-16QAM	Inner_1RB_Left	22.89	22.75	25.83	27.83	30	PASS
n77(3450-3550)	30	80	L	DFT-16QAM	Inner_1RB_Right	22.85	22.75	25.81	27.81	30	PASS
n77(3450-3550)	30	80	L	DFT-16QAM	Inner_Full	22.9	22.57	25.75	27.75	30	PASS
n77(3450-3550)	30	80	L	DFT-16QAM	Outer_Full	21.79	21.62	24.72	26.72	30	PASS
n77(3450-3550)	30	80	L	DFT-64QAM	Inner_1RB_Left	21.56	21.34	24.46	26.46	30	PASS
n77(3450-3550)	30	80	L	DFT-64QAM	Inner_1RB_Right	21.15	21.26	24.22	26.22	30	PASS
n77(3450-3550)	30	80	L	DFT-64QAM	Inner_Full	21.35	21.03	24.20	26.20	30	PASS
n77(3450-3550)	30	80	L	DFT-64QAM	Outer_Full	21.34	20.94	24.15	26.15	30	PASS
n77(3450-3550)	30	80	L	DFT-256QAM	Inner_1RB_Left	19.32	19.24	22.29	24.29	30	PASS
n77(3450-3550)	30	80	L	DFT-256QAM	Inner_1RB_Right	19.19	19.16	22.19	24.19	30	PASS
n77(3450-3550)	30	80	L	DFT-256QAM	Inner_Full	19.18	19.23	22.22	24.22	30	PASS
n77(3450-3550)	30	80	L	DFT-256QAM	Outer_Full	19.09	19.23	22.17	24.17	30	PASS
n77(3450-3550)	30	80	M	DFT-BPSK	Inner_1RB_Left	24.09	24.07	27.09	29.09	30	PASS
n77(3450-3550)	30	80	M	DFT-BPSK	Inner_1RB_Right	24.19	24.3	27.26	29.26	30	PASS
n77(3450-3550)	30	80	M	DFT-BPSK	Inner_Full	24.24	24.07	27.17	29.17	30	PASS
n77(3450-3550)	30	80	M	DFT-BPSK	Outer_Full	23.47	23.25	26.37	28.37	30	PASS
n77(3450-3550)	30	80	M	DFT-QPSK	Inner_1RB_Left	23.82	23.96	26.90	28.90	30	PASS
n77(3450-3550)	30	80	M	DFT-QPSK	Inner_1RB_Right	23.94	23.96	26.96	28.96	30	PASS
n77(3450-3550)	30	80	M	DFT-QPSK	Inner_Full	23.9	23.86	26.89	28.89	30	PASS
n77(3450-3550)	30	80	M	DFT-QPSK	Outer_Full	22.72	22.49	25.62	27.62	30	PASS
n77(3450-3550)	30	80	M	DFT-16QAM	Inner_1RB_Left	22.95	22.67	25.82	27.82	30	PASS

n77(3450-3550)	30	80	M	DFT-16QAM	Inner_1RB_Right	23.04	22.78	25.92	27.92	30	PASS
n77(3450-3550)	30	80	M	DFT-16QAM	Inner_Full	22.82	22.85	25.85	27.85	30	PASS
n77(3450-3550)	30	80	M	DFT-16QAM	Outer_Full	21.72	21.68	24.71	26.71	30	PASS
n77(3450-3550)	30	80	M	DFT-64QAM	Inner_1RB_Left	21.36	21.19	24.29	26.29	30	PASS
n77(3450-3550)	30	80	M	DFT-64QAM	Inner_1RB_Right	21.2	21.26	24.24	26.24	30	PASS
n77(3450-3550)	30	80	M	DFT-64QAM	Inner_Full	21.49	21.33	24.42	26.42	30	PASS
n77(3450-3550)	30	80	M	DFT-64QAM	Outer_Full	21.39	21.15	24.28	26.28	30	PASS
n77(3450-3550)	30	80	M	DFT-256QAM	Inner_1RB_Left	19.43	19.43	22.44	24.44	30	PASS
n77(3450-3550)	30	80	M	DFT-256QAM	Inner_1RB_Right	19.23	19.16	22.21	24.21	30	PASS
n77(3450-3550)	30	80	M	DFT-256QAM	Inner_Full	19.54	19.43	22.50	24.50	30	PASS
n77(3450-3550)	30	80	M	DFT-256QAM	Outer_Full	19.39	19.3	22.36	24.36	30	PASS
n77(3450-3550)	30	80	H	DFT-BPSK	Inner_1RB_Left	24.18	24.38	27.29	29.29	30	PASS
n77(3450-3550)	30	80	H	DFT-BPSK	Inner_1RB_Right	24.14	24.22	27.19	29.19	30	PASS
n77(3450-3550)	30	80	H	DFT-BPSK	Inner_Full	24.11	24.18	27.16	29.16	30	PASS
n77(3450-3550)	30	80	H	DFT-BPSK	Outer_Full	23.34	23.11	26.24	28.24	30	PASS
n77(3450-3550)	30	80	H	DFT-QPSK	Inner_1RB_Left	24.01	23.89	26.96	28.96	30	PASS
n77(3450-3550)	30	80	H	DFT-QPSK	Inner_1RB_Right	23.96	24.01	27.00	29.00	30	PASS
n77(3450-3550)	30	80	H	DFT-QPSK	Inner_Full	23.86	23.91	26.90	28.90	30	PASS
n77(3450-3550)	30	80	H	DFT-QPSK	Outer_Full	22.76	22.59	25.69	27.69	30	PASS
n77(3450-3550)	30	80	H	DFT-16QAM	Inner_1RB_Left	23.04	22.71	25.89	27.89	30	PASS
n77(3450-3550)	30	80	H	DFT-16QAM	Inner_1RB_Right	22.92	22.76	25.85	27.85	30	PASS
n77(3450-3550)	30	80	H	DFT-16QAM	Inner_Full	22.81	22.76	25.80	27.80	30	PASS

n77(3450-3550)	30	80	H	DFT-16QAM	Outer_Full	21.7	21.67	24.70	26.70	30	PASS
n77(3450-3550)	30	80	H	DFT-64QAM	Inner_1RB_Left	21.22	21.05	24.15	26.15	30	PASS
n77(3450-3550)	30	80	H	DFT-64QAM	Inner_1RB_Right	21.14	21.32	24.24	26.24	30	PASS
n77(3450-3550)	30	80	H	DFT-64QAM	Inner_Full	21.36	21.32	24.35	26.35	30	PASS
n77(3450-3550)	30	80	H	DFT-64QAM	Outer_Full	21.26	21.12	24.20	26.20	30	PASS
n77(3450-3550)	30	80	H	DFT-256QAM	Inner_1RB_Left	19.29	19.19	22.25	24.25	30	PASS
n77(3450-3550)	30	80	H	DFT-256QAM	Inner_1RB_Right	19.26	19.15	22.22	24.22	30	PASS
n77(3450-3550)	30	80	H	DFT-256QAM	Inner_Full	19.42	19.44	22.44	24.44	30	PASS
n77(3450-3550)	30	80	H	DFT-256QAM	Outer_Full	19.4	19.41	22.42	24.42	30	PASS
n77(3450-3550)	30	90	L	DFT-BPSK	Inner_1RB_Left	24.23	23.97	27.11	29.11	30	PASS
n77(3450-3550)	30	90	L	DFT-BPSK	Inner_1RB_Right	24.12	24.14	27.14	29.14	30	PASS
n77(3450-3550)	30	90	L	DFT-BPSK	Inner_Full	24.16	23.88	27.03	29.03	30	PASS
n77(3450-3550)	30	90	L	DFT-BPSK	Outer_Full	23.39	23.06	26.24	28.24	30	PASS
n77(3450-3550)	30	90	L	DFT-QPSK	Inner_1RB_Left	24.03	23.74	26.90	28.90	30	PASS
n77(3450-3550)	30	90	L	DFT-QPSK	Inner_1RB_Right	23.97	23.99	26.99	28.99	30	PASS
n77(3450-3550)	30	90	L	DFT-QPSK	Inner_Full	23.95	23.66	26.82	28.82	30	PASS
n77(3450-3550)	30	90	L	DFT-QPSK	Outer_Full	22.71	22.66	25.70	27.70	30	PASS
n77(3450-3550)	30	90	L	DFT-16QAM	Inner_1RB_Left	22.62	22.93	25.79	27.79	30	PASS
n77(3450-3550)	30	90	L	DFT-16QAM	Inner_1RB_Right	22.95	22.69	25.83	27.83	30	PASS
n77(3450-3550)	30	90	L	DFT-16QAM	Inner_Full	22.91	22.62	25.78	27.78	30	PASS
n77(3450-3550)	30	90	L	DFT-16QAM	Outer_Full	21.77	21.52	24.66	26.66	30	PASS
n77(3450-3550)	30	90	L	DFT-64QAM	Inner_1RB_Left	21.24	21.39	24.33	26.33	30	PASS

n77(3450-3550)	30	90	L	DFT-64QAM	Inner_1RB_Right	21.27	21.41	24.35	26.35	30	PASS
n77(3450-3550)	30	90	L	DFT-64QAM	Inner_Full	21.45	21.17	24.32	26.32	30	PASS
n77(3450-3550)	30	90	L	DFT-64QAM	Outer_Full	21.22	20.88	24.06	26.06	30	PASS
n77(3450-3550)	30	90	L	DFT-256QAM	Inner_1RB_Left	19.16	19.31	22.25	24.25	30	PASS
n77(3450-3550)	30	90	L	DFT-256QAM	Inner_1RB_Right	19.49	19.2	22.36	24.36	30	PASS
n77(3450-3550)	30	90	L	DFT-256QAM	Inner_Full	19.41	19.37	22.40	24.40	30	PASS
n77(3450-3550)	30	90	L	DFT-256QAM	Outer_Full	19.44	19.16	22.31	24.31	30	PASS
n77(3450-3550)	30	90	M	DFT-BPSK	Inner_1RB_Left	24.18	24	27.10	29.10	30	PASS
n77(3450-3550)	30	90	M	DFT-BPSK	Inner_1RB_Right	24.14	24.25	27.21	29.21	30	PASS
n77(3450-3550)	30	90	M	DFT-BPSK	Inner_Full	24.12	23.94	27.04	29.04	30	PASS
n77(3450-3550)	30	90	M	DFT-BPSK	Outer_Full	23.33	23.17	26.26	28.26	30	PASS
n77(3450-3550)	30	90	M	DFT-QPSK	Inner_1RB_Left	23.96	23.99	26.99	28.99	30	PASS
n77(3450-3550)	30	90	M	DFT-QPSK	Inner_1RB_Right	23.82	24	26.92	28.92	30	PASS
n77(3450-3550)	30	90	M	DFT-QPSK	Inner_Full	23.89	23.72	26.82	28.82	30	PASS
n77(3450-3550)	30	90	M	DFT-QPSK	Outer_Full	22.68	22.7	25.70	27.70	30	PASS
n77(3450-3550)	30	90	M	DFT-16QAM	Inner_1RB_Left	22.89	22.85	25.88	27.88	30	PASS
n77(3450-3550)	30	90	M	DFT-16QAM	Inner_1RB_Right	23	22.58	25.81	27.81	30	PASS
n77(3450-3550)	30	90	M	DFT-16QAM	Inner_Full	22.96	22.72	25.85	27.85	30	PASS
n77(3450-3550)	30	90	M	DFT-16QAM	Outer_Full	21.72	21.61	24.68	26.68	30	PASS
n77(3450-3550)	30	90	M	DFT-64QAM	Inner_1RB_Left	21.4	21.31	24.37	26.37	30	PASS
n77(3450-3550)	30	90	M	DFT-64QAM	Inner_1RB_Right	21.2	21.26	24.24	26.24	30	PASS
n77(3450-3550)	30	90	M	DFT-64QAM	Inner_Full	21.51	21.28	24.41	26.41	30	PASS

n77(3450-3550)	30	90	M	DFT-64QAM	Outer_Full	21.26	21	24.14	26.14	30	PASS
n77(3450-3550)	30	90	M	DFT-256QAM	Inner_1RB_Left	19.51	19.24	22.39	24.39	30	PASS
n77(3450-3550)	30	90	M	DFT-256QAM	Inner_1RB_Right	19.21	19.22	22.23	24.23	30	PASS
n77(3450-3550)	30	90	M	DFT-256QAM	Inner_Full	19.38	19.35	22.38	24.38	30	PASS
n77(3450-3550)	30	90	M	DFT-256QAM	Outer_Full	19.06	19.05	22.07	24.07	30	PASS
n77(3450-3550)	30	90	H	DFT-BPSK	Inner_1RB_Left	24.11	24.23	27.18	29.18	30	PASS
n77(3450-3550)	30	90	H	DFT-BPSK	Inner_1RB_Right	24.03	24.27	27.16	29.16	30	PASS
n77(3450-3550)	30	90	H	DFT-BPSK	Inner_Full	24.1	24	27.06	29.06	30	PASS
n77(3450-3550)	30	90	H	DFT-BPSK	Outer_Full	23.51	23.08	26.31	28.31	30	PASS
n77(3450-3550)	30	90	H	DFT-QPSK	Inner_1RB_Left	23.92	23.96	26.95	28.95	30	PASS
n77(3450-3550)	30	90	H	DFT-QPSK	Inner_1RB_Right	23.99	23.93	26.97	28.97	30	PASS
n77(3450-3550)	30	90	H	DFT-QPSK	Inner_Full	23.91	23.85	26.89	28.89	30	PASS
n77(3450-3550)	30	90	H	DFT-QPSK	Outer_Full	22.68	22.47	25.59	27.59	30	PASS
n77(3450-3550)	30	90	H	DFT-16QAM	Inner_1RB_Left	22.88	22.76	25.83	27.83	30	PASS
n77(3450-3550)	30	90	H	DFT-16QAM	Inner_1RB_Right	22.86	22.9	25.89	27.89	30	PASS
n77(3450-3550)	30	90	H	DFT-16QAM	Inner_Full	22.89	22.94	25.93	27.93	30	PASS
n77(3450-3550)	30	90	H	DFT-16QAM	Outer_Full	21.74	21.47	24.62	26.62	30	PASS
n77(3450-3550)	30	90	H	DFT-64QAM	Inner_1RB_Left	21.59	21.27	24.44	26.44	30	PASS
n77(3450-3550)	30	90	H	DFT-64QAM	Inner_1RB_Right	21.13	21.14	24.15	26.15	30	PASS
n77(3450-3550)	30	90	H	DFT-64QAM	Inner_Full	21.46	21.38	24.43	26.43	30	PASS
n77(3450-3550)	30	90	H	DFT-64QAM	Outer_Full	21.28	21	24.15	26.15	30	PASS
n77(3450-3550)	30	90	H	DFT-256QAM	Inner_1RB_Left	19.44	19.54	22.50	24.50	30	PASS

n77(3450-3550)	30	90	H	DFT-256QAM	Inner_1RB_Right	19.36	19.51	22.45	24.45	30	PASS
n77(3450-3550)	30	90	H	DFT-256QAM	Inner_Full	19.39	19.16	22.29	24.29	30	PASS
n77(3450-3550)	30	90	H	DFT-256QAM	Outer_Full	19.41	19.19	22.31	24.31	30	PASS
n77(3450-3550)	30	100	L	DFT-BPSK	Inner_1RB_Left	24.46	23.97	27.23	29.23	30	PASS
n77(3450-3550)	30	100	L	DFT-BPSK	Inner_1RB_Right	23.96	24.13	27.06	29.06	30	PASS
n77(3450-3550)	30	100	L	DFT-BPSK	Inner_Full	24.07	23.79	26.94	28.94	30	PASS
n77(3450-3550)	30	100	L	DFT-BPSK	Outer_Full	23.41	23.03	26.23	28.23	30	PASS
n77(3450-3550)	30	100	L	DFT-QPSK	Inner_1RB_Left	24.1	23.87	27.00	29.00	30	PASS
n77(3450-3550)	30	100	L	DFT-QPSK	Inner_1RB_Right	23.93	23.99	26.97	28.97	30	PASS
n77(3450-3550)	30	100	L	DFT-QPSK	Inner_Full	23.84	23.69	26.78	28.78	30	PASS
n77(3450-3550)	30	100	L	DFT-QPSK	Outer_Full	22.71	22.72	25.73	27.73	30	PASS
n77(3450-3550)	30	100	L	DFT-16QAM	Inner_1RB_Left	22.89	22.77	25.84	27.84	30	PASS
n77(3450-3550)	30	100	L	DFT-16QAM	Inner_1RB_Right	22.79	22.87	25.84	27.84	30	PASS
n77(3450-3550)	30	100	L	DFT-16QAM	Inner_Full	22.89	22.74	25.83	27.83	30	PASS
n77(3450-3550)	30	100	L	DFT-16QAM	Outer_Full	21.77	21.66	24.73	26.73	30	PASS
n77(3450-3550)	30	100	L	DFT-64QAM	Inner_1RB_Left	21.56	21.22	24.40	26.40	30	PASS
n77(3450-3550)	30	100	L	DFT-64QAM	Inner_1RB_Right	21.43	21.29	24.37	26.37	30	PASS
n77(3450-3550)	30	100	L	DFT-64QAM	Inner_Full	21.46	21.21	24.35	26.35	30	PASS
n77(3450-3550)	30	100	L	DFT-64QAM	Outer_Full	21.23	20.95	24.10	26.10	30	PASS
n77(3450-3550)	30	100	L	DFT-256QAM	Inner_1RB_Left	19.39	19.3	22.36	24.36	30	PASS
n77(3450-3550)	30	100	L	DFT-256QAM	Inner_1RB_Right	19.47	19.16	22.33	24.33	30	PASS
n77(3450-3550)	30	100	L	DFT-256QAM	Inner_Full	19.42	19.42	22.43	24.43	30	PASS

n77(3450-3550)	30	100	L	DFT-256QAM	Outer_Full	19.43	19.22	22.34	24.34	30	PASS
n77(3450-3550)	30	100	M	DFT-BPSK	Inner_1RB_Left	24.31	23.91	27.12	29.12	30	PASS
n77(3450-3550)	30	100	M	DFT-BPSK	Inner_1RB_Right	24.04	24.19	27.13	29.13	30	PASS
n77(3450-3550)	30	100	M	DFT-BPSK	Inner_Full	24.05	23.88	26.98	28.98	30	PASS
n77(3450-3550)	30	100	M	DFT-BPSK	Outer_Full	23.38	23.01	26.21	28.21	30	PASS
n77(3450-3550)	30	100	M	DFT-QPSK	Inner_1RB_Left	24.13	23.88	27.02	29.02	30	PASS
n77(3450-3550)	30	100	M	DFT-QPSK	Inner_1RB_Right	23.82	23.96	26.90	28.90	30	PASS
n77(3450-3550)	30	100	M	DFT-QPSK	Inner_Full	23.91	23.74	26.84	28.84	30	PASS
n77(3450-3550)	30	100	M	DFT-QPSK	Outer_Full	22.47	22.71	25.60	27.60	30	PASS
n77(3450-3550)	30	100	M	DFT-16QAM	Inner_1RB_Left	22.9	22.72	25.82	27.82	30	PASS
n77(3450-3550)	30	100	M	DFT-16QAM	Inner_1RB_Right	22.68	22.97	25.84	27.84	30	PASS
n77(3450-3550)	30	100	M	DFT-16QAM	Inner_Full	22.87	22.71	25.80	27.80	30	PASS
n77(3450-3550)	30	100	M	DFT-16QAM	Outer_Full	21.75	21.6	24.69	26.69	30	PASS
n77(3450-3550)	30	100	M	DFT-64QAM	Inner_1RB_Left	21.42	21.17	24.31	26.31	30	PASS
n77(3450-3550)	30	100	M	DFT-64QAM	Inner_1RB_Right	21.24	21.23	24.25	26.25	30	PASS
n77(3450-3550)	30	100	M	DFT-64QAM	Inner_Full	21.48	21.41	24.46	26.46	30	PASS
n77(3450-3550)	30	100	M	DFT-64QAM	Outer_Full	21.24	20.94	24.10	26.10	30	PASS
n77(3450-3550)	30	100	M	DFT-256QAM	Inner_1RB_Left	19.23	19.45	22.35	24.35	30	PASS
n77(3450-3550)	30	100	M	DFT-256QAM	Inner_1RB_Right	19.36	19.18	22.28	24.28	30	PASS
n77(3450-3550)	30	100	M	DFT-256QAM	Inner_Full	19.35	19.41	22.39	24.39	30	PASS
n77(3450-3550)	30	100	M	DFT-256QAM	Outer_Full	19.37	19.22	22.31	24.31	30	PASS
n77(3450-3550)	30	100	H	DFT-BPSK	Inner_1RB_Left	24.27	23.89	27.09	29.09	30	PASS

Band				Modulation	Allocation						Result
n77(3450-3550)	30	100	H	DFT-BPSK	Inner_1RB_Right	23.99	24.19	27.10	29.10	30	PASS
n77(3450-3550)	30	100	H	DFT-BPSK	Inner_Full	24.09	23.8	26.96	28.96	30	PASS
n77(3450-3550)	30	100	H	DFT-BPSK	Outer_Full	23.42	23	26.23	28.23	30	PASS
n77(3450-3550)	30	100	H	DFT-QPSK	Inner_1RB_Left	24.05	23.81	26.94	28.94	30	PASS
n77(3450-3550)	30	100	H	DFT-QPSK	Inner_1RB_Right	23.77	24.01	26.90	28.90	30	PASS
n77(3450-3550)	30	100	H	DFT-QPSK	Inner_Full	23.87	23.68	26.79	28.79	30	PASS
n77(3450-3550)	30	100	H	DFT-QPSK	Outer_Full	22.71	22.72	25.73	27.73	30	PASS
n77(3450-3550)	30	100	H	DFT-16QAM	Inner_1RB_Left	22.71	22.85	25.79	27.79	30	PASS
n77(3450-3550)	30	100	H	DFT-16QAM	Inner_1RB_Right	22.72	22.85	25.80	27.80	30	PASS
n77(3450-3550)	30	100	H	DFT-16QAM	Inner_Full	22.97	22.68	25.84	27.84	30	PASS
n77(3450-3550)	30	100	H	DFT-16QAM	Outer_Full	21.72	21.62	24.68	26.68	30	PASS
n77(3450-3550)	30	100	H	DFT-64QAM	Inner_1RB_Left	21.6	21.18	24.41	26.41	30	PASS
n77(3450-3550)	30	100	H	DFT-64QAM	Inner_1RB_Right	21.36	21.14	24.26	26.26	30	PASS
n77(3450-3550)	30	100	H	DFT-64QAM	Inner_Full	21.44	21.25	24.36	26.36	30	PASS
n77(3450-3550)	30	100	H	DFT-64QAM	Outer_Full	21.39	21	24.21	26.21	30	PASS
n77(3450-3550)	30	100	H	DFT-256QAM	Inner_1RB_Left	19.42	19.35	22.40	24.40	30	PASS
n77(3450-3550)	30	100	H	DFT-256QAM	Inner_1RB_Right	19.46	19.17	22.33	24.33	30	PASS
n77(3450-3550)	30	100	H	DFT-256QAM	Inner_Full	19.53	19.37	22.46	24.46	30	PASS
n77(3450-3550)	30	100	H	DFT-256QAM	Outer_Full	19.43	19.18	22.32	24.32	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	L	Outer_Full	6.34	≤13dB	PASS
n77(3450-3550)	30	100	CP-256QAM	L	Outer_Full	8.15	≤13dB	PASS
n77(3450-3550)	30	100	DFT-256QAM	M	Outer_Full	6.41	≤13dB	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Outer_Full	8.15	≤13dB	PASS
n77(3450-3550)	30	100	DFT-256QAM	H	Outer_Full	6.34	≤13dB	PASS
n77(3450-3550)	30	100	CP-256QAM	H	Outer_Full	8.18	≤13dB	PASS

Test Graphs

NTNV-n77(3450-3550)-PC3-30-100-L-DFT-256QAM-
Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-100-L-CP-256QAM-
Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-256QAM-
Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-100-M-CP-256QAM-
Outer_Full-PASS

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-256QAM-Outer_Full-PASS	NTNV-n77(3450-3550)-PC3-30-100-H-CP-256QAM-Outer_Full-PASS
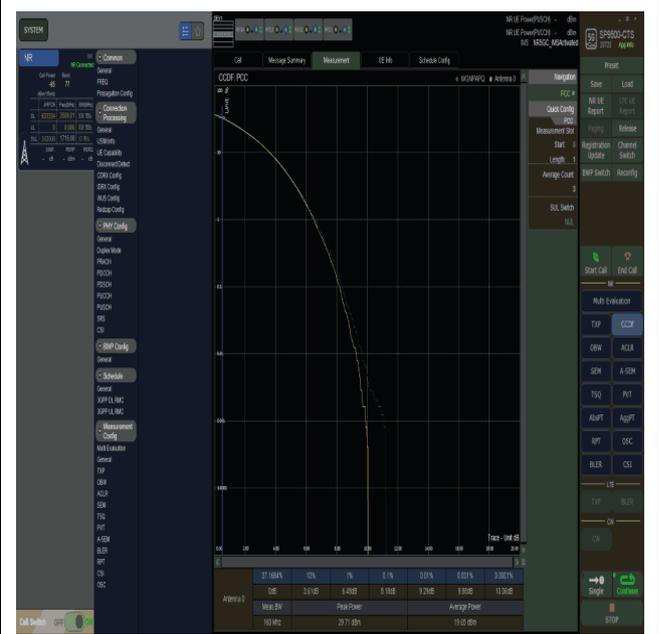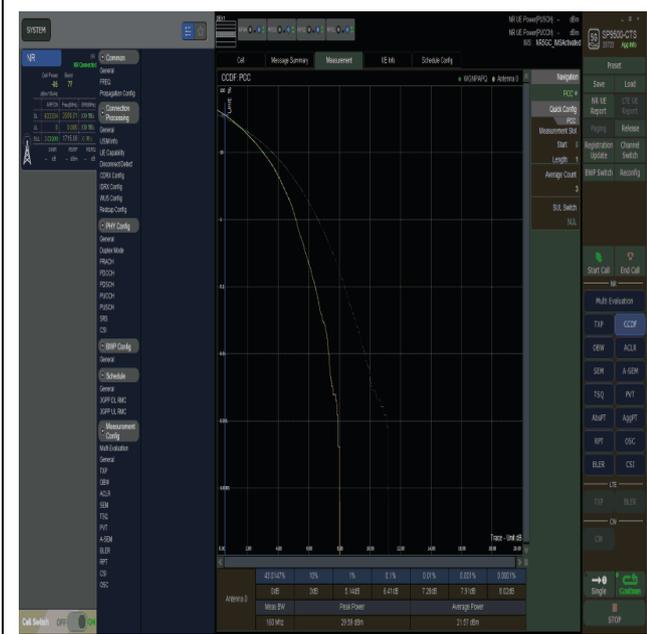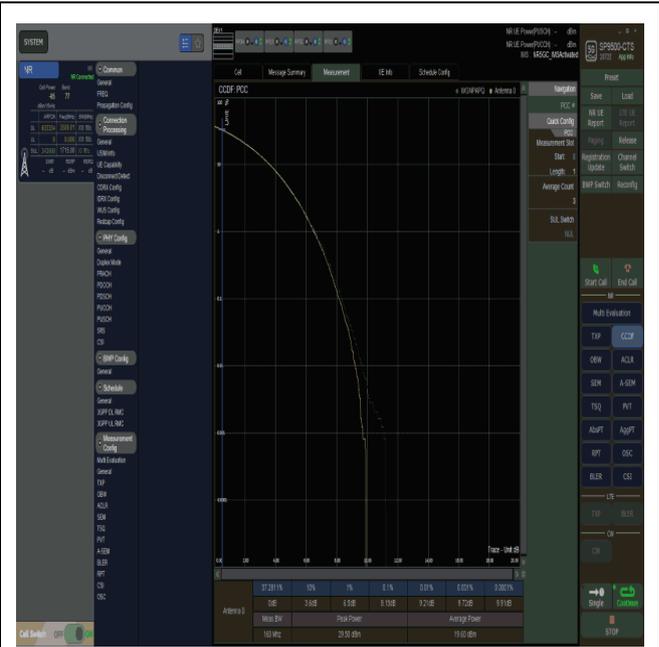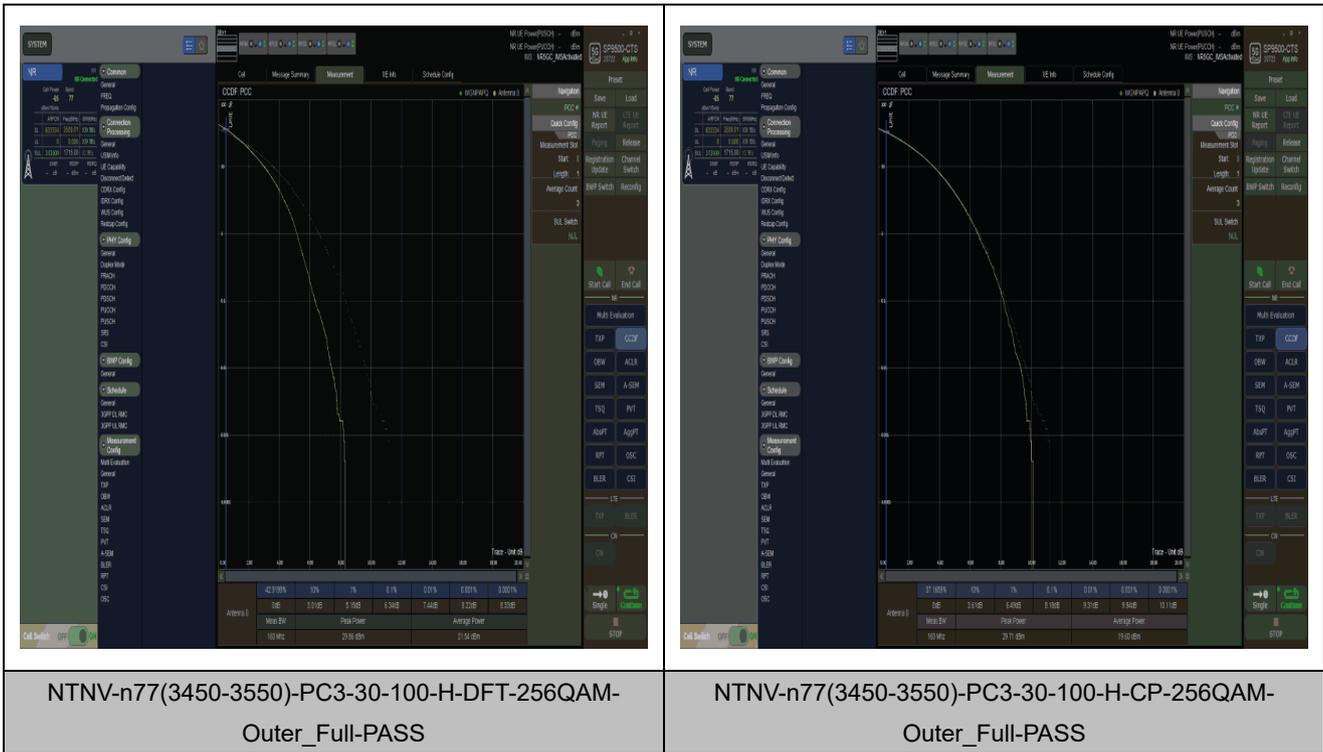
26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n77(3450-3550)	30	10	DFT-BPSK	L	Outer_Full	8.5754	9.635	PASS
n77(3450-3550)	30	10	DFT-QPSK	L	Outer_Full	8.5938	9.756	PASS
n77(3450-3550)	30	10	DFT-16QAM	L	Outer_Full	8.6034	9.766	PASS
n77(3450-3550)	30	10	DFT-64QAM	L	Outer_Full	8.5739	9.531	PASS
n77(3450-3550)	30	10	DFT-256QAM	L	Outer_Full	8.5751	9.755	PASS
n77(3450-3550)	30	10	CP-QPSK	L	Outer_Full	8.5916	9.878	PASS
n77(3450-3550)	30	10	CP-16QAM	L	Outer_Full	8.5935	9.949	PASS
n77(3450-3550)	30	10	CP-64QAM	L	Outer_Full	8.5919	9.669	PASS
n77(3450-3550)	30	10	CP-256QAM	L	Outer_Full	8.6227	9.918	PASS
n77(3450-3550)	30	10	DFT-BPSK	M	Outer_Full	8.5888	9.778	PASS
n77(3450-3550)	30	10	DFT-QPSK	M	Outer_Full	8.5792	9.655	PASS
n77(3450-3550)	30	10	DFT-16QAM	M	Outer_Full	8.5995	9.813	PASS
n77(3450-3550)	30	10	DFT-64QAM	M	Outer_Full	8.5618	9.737	PASS
n77(3450-3550)	30	10	DFT-256QAM	M	Outer_Full	8.5948	9.531	PASS
n77(3450-3550)	30	10	CP-QPSK	M	Outer_Full	8.6006	10.02	PASS
n77(3450-3550)	30	10	CP-16QAM	M	Outer_Full	8.5791	9.853	PASS
n77(3450-3550)	30	10	CP-64QAM	M	Outer_Full	8.5807	9.735	PASS
n77(3450-3550)	30	10	CP-256QAM	M	Outer_Full	8.5830	9.646	PASS
n77(3450-3550)	30	10	DFT-BPSK	H	Outer_Full	8.5776	9.537	PASS
n77(3450-3550)	30	10	DFT-QPSK	H	Outer_Full	8.5811	9.807	PASS
n77(3450-3550)	30	10	DFT-16QAM	H	Outer_Full	8.5925	9.738	PASS
n77(3450-3550)	30	10	DFT-64QAM	H	Outer_Full	8.5818	9.701	PASS
n77(3450-3550)	30	10	DFT-256QAM	H	Outer_Full	8.6084	9.860	PASS
n77(3450-3550)	30	10	CP-QPSK	H	Outer_Full	8.5866	9.927	PASS
n77(3450-3550)	30	10	CP-16QAM	H	Outer_Full	8.6164	9.782	PASS
n77(3450-3550)	30	10	CP-64QAM	H	Outer_Full	8.5919	9.826	PASS
n77(3450-3550)	30	10	CP-256QAM	H	Outer_Full	8.6133	9.680	PASS
n77(3450-3550)	30	15	DFT-BPSK	L	Outer_Full	12.853	14.08	PASS
n77(3450-3550)	30	15	DFT-QPSK	L	Outer_Full	12.824	14.19	PASS
n77(3450-3550)	30	15	DFT-16QAM	L	Outer_Full	12.875	14.26	PASS
n77(3450-3550)	30	15	DFT-64QAM	L	Outer_Full	12.843	13.77	PASS
n77(3450-3550)	30	15	DFT-256QAM	L	Outer_Full	12.834	13.94	PASS
n77(3450-3550)	30	15	CP-QPSK	L	Outer_Full	13.581	14.92	PASS
n77(3450-3550)	30	15	CP-16QAM	L	Outer_Full	13.581	15.16	PASS
n77(3450-3550)	30	15	CP-64QAM	L	Outer_Full	13.588	15.07	PASS
n77(3450-3550)	30	15	CP-256QAM	L	Outer_Full	13.561	14.93	PASS
n77(3450-3550)	30	15	DFT-BPSK	M	Outer_Full	12.886	14.07	PASS
n77(3450-3550)	30	15	DFT-QPSK	M	Outer_Full	12.870	14.22	PASS
n77(3450-3550)	30	15	DFT-16QAM	M	Outer_Full	12.900	14.07	PASS

n77(3450-3550)	30	15	DFT-64QAM	M	Outer_Full	12.847	14.06	PASS
n77(3450-3550)	30	15	DFT-256QAM	M	Outer_Full	12.857	13.99	PASS
n77(3450-3550)	30	15	CP-QPSK	M	Outer_Full	13.595	15.22	PASS
n77(3450-3550)	30	15	CP-16QAM	M	Outer_Full	13.581	14.75	PASS
n77(3450-3550)	30	15	CP-64QAM	M	Outer_Full	13.575	14.91	PASS
n77(3450-3550)	30	15	CP-256QAM	M	Outer_Full	13.576	15.13	PASS
n77(3450-3550)	30	15	DFT-BPSK	H	Outer_Full	12.847	13.95	PASS
n77(3450-3550)	30	15	DFT-QPSK	H	Outer_Full	12.867	13.97	PASS
n77(3450-3550)	30	15	DFT-16QAM	H	Outer_Full	12.914	14.11	PASS
n77(3450-3550)	30	15	DFT-64QAM	H	Outer_Full	12.860	14.02	PASS
n77(3450-3550)	30	15	DFT-256QAM	H	Outer_Full	12.819	14.12	PASS
n77(3450-3550)	30	15	CP-QPSK	H	Outer_Full	13.572	15.15	PASS
n77(3450-3550)	30	15	CP-16QAM	H	Outer_Full	13.576	15.03	PASS
n77(3450-3550)	30	15	CP-64QAM	H	Outer_Full	13.582	15.11	PASS
n77(3450-3550)	30	15	CP-256QAM	H	Outer_Full	13.587	15.02	PASS
n77(3450-3550)	30	20	DFT-BPSK	L	Outer_Full	17.827	19.41	PASS
n77(3450-3550)	30	20	DFT-QPSK	L	Outer_Full	17.820	19.38	PASS
n77(3450-3550)	30	20	DFT-16QAM	L	Outer_Full	17.840	19.28	PASS
n77(3450-3550)	30	20	DFT-64QAM	L	Outer_Full	17.849	19.14	PASS
n77(3450-3550)	30	20	DFT-256QAM	L	Outer_Full	17.809	19.43	PASS
n77(3450-3550)	30	20	CP-QPSK	L	Outer_Full	18.214	19.87	PASS
n77(3450-3550)	30	20	CP-16QAM	L	Outer_Full	18.205	19.55	PASS
n77(3450-3550)	30	20	CP-64QAM	L	Outer_Full	18.209	19.60	PASS
n77(3450-3550)	30	20	CP-256QAM	L	Outer_Full	18.213	19.82	PASS
n77(3450-3550)	30	20	DFT-BPSK	M	Outer_Full	17.820	19.41	PASS
n77(3450-3550)	30	20	DFT-QPSK	M	Outer_Full	17.829	19.31	PASS
n77(3450-3550)	30	20	DFT-16QAM	M	Outer_Full	17.833	19.45	PASS
n77(3450-3550)	30	20	DFT-64QAM	M	Outer_Full	17.853	19.43	PASS
n77(3450-3550)	30	20	DFT-256QAM	M	Outer_Full	17.799	19.43	PASS
n77(3450-3550)	30	20	CP-QPSK	M	Outer_Full	18.220	19.84	PASS
n77(3450-3550)	30	20	CP-16QAM	M	Outer_Full	18.213	19.67	PASS
n77(3450-3550)	30	20	CP-64QAM	M	Outer_Full	18.198	19.60	PASS
n77(3450-3550)	30	20	CP-256QAM	M	Outer_Full	18.205	19.75	PASS
n77(3450-3550)	30	20	DFT-BPSK	H	Outer_Full	17.843	19.11	PASS
n77(3450-3550)	30	20	DFT-QPSK	H	Outer_Full	17.841	19.39	PASS
n77(3450-3550)	30	20	DFT-16QAM	H	Outer_Full	17.846	19.22	PASS
n77(3450-3550)	30	20	DFT-64QAM	H	Outer_Full	17.818	19.34	PASS
n77(3450-3550)	30	20	DFT-256QAM	H	Outer_Full	17.820	19.34	PASS
n77(3450-3550)	30	20	CP-QPSK	H	Outer_Full	18.196	19.62	PASS
n77(3450-3550)	30	20	CP-16QAM	H	Outer_Full	18.243	19.79	PASS
n77(3450-3550)	30	20	CP-64QAM	H	Outer_Full	18.181	19.84	PASS
n77(3450-3550)	30	20	CP-256QAM	H	Outer_Full	18.164	19.58	PASS
n77(3450-3550)	30	25	DFT-BPSK	L	Outer_Full	22.829	24.21	PASS
n77(3450-3550)	30	25	DFT-QPSK	L	Outer_Full	22.832	24.53	PASS
n77(3450-3550)	30	25	DFT-16QAM	L	Outer_Full	22.825	24.39	PASS

n77(3450-3550)	30	25	DFT-64QAM	L	Outer_Full	22.818	24.42	PASS
n77(3450-3550)	30	25	DFT-256QAM	L	Outer_Full	22.804	24.35	PASS
n77(3450-3550)	30	25	CP-QPSK	L	Outer_Full	23.187	25.07	PASS
n77(3450-3550)	30	25	CP-16QAM	L	Outer_Full	23.195	24.93	PASS
n77(3450-3550)	30	25	CP-64QAM	L	Outer_Full	23.174	24.83	PASS
n77(3450-3550)	30	25	CP-256QAM	L	Outer_Full	23.203	24.71	PASS
n77(3450-3550)	30	25	DFT-BPSK	M	Outer_Full	22.824	24.29	PASS
n77(3450-3550)	30	25	DFT-QPSK	M	Outer_Full	22.842	24.47	PASS
n77(3450-3550)	30	25	DFT-16QAM	M	Outer_Full	22.855	24.49	PASS
n77(3450-3550)	30	25	DFT-64QAM	M	Outer_Full	22.835	24.50	PASS
n77(3450-3550)	30	25	DFT-256QAM	M	Outer_Full	22.805	24.33	PASS
n77(3450-3550)	30	25	CP-QPSK	M	Outer_Full	23.203	24.80	PASS
n77(3450-3550)	30	25	CP-16QAM	M	Outer_Full	23.195	24.87	PASS
n77(3450-3550)	30	25	CP-64QAM	M	Outer_Full	23.238	24.81	PASS
n77(3450-3550)	30	25	CP-256QAM	M	Outer_Full	23.220	25.01	PASS
n77(3450-3550)	30	25	DFT-BPSK	H	Outer_Full	22.829	24.30	PASS
n77(3450-3550)	30	25	DFT-QPSK	H	Outer_Full	22.816	24.41	PASS
n77(3450-3550)	30	25	DFT-16QAM	H	Outer_Full	22.870	24.51	PASS
n77(3450-3550)	30	25	DFT-64QAM	H	Outer_Full	22.916	24.66	PASS
n77(3450-3550)	30	25	DFT-256QAM	H	Outer_Full	22.837	24.40	PASS
n77(3450-3550)	30	25	CP-QPSK	H	Outer_Full	23.182	25.05	PASS
n77(3450-3550)	30	25	CP-16QAM	H	Outer_Full	23.183	24.69	PASS
n77(3450-3550)	30	25	CP-64QAM	H	Outer_Full	23.243	24.89	PASS
n77(3450-3550)	30	25	CP-256QAM	H	Outer_Full	23.199	24.89	PASS
n77(3450-3550)	30	30	DFT-BPSK	L	Outer_Full	26.768	28.55	PASS
n77(3450-3550)	30	30	DFT-QPSK	L	Outer_Full	26.814	28.64	PASS
n77(3450-3550)	30	30	DFT-16QAM	L	Outer_Full	26.835	28.71	PASS
n77(3450-3550)	30	30	DFT-64QAM	L	Outer_Full	26.796	28.48	PASS
n77(3450-3550)	30	30	DFT-256QAM	L	Outer_Full	26.812	28.62	PASS
n77(3450-3550)	30	30	CP-QPSK	L	Outer_Full	27.884	29.63	PASS
n77(3450-3550)	30	30	CP-16QAM	L	Outer_Full	27.899	29.57	PASS
n77(3450-3550)	30	30	CP-64QAM	L	Outer_Full	27.826	29.77	PASS
n77(3450-3550)	30	30	CP-256QAM	L	Outer_Full	27.867	29.85	PASS
n77(3450-3550)	30	30	DFT-BPSK	M	Outer_Full	26.852	28.62	PASS
n77(3450-3550)	30	30	DFT-QPSK	M	Outer_Full	26.832	28.43	PASS
n77(3450-3550)	30	30	DFT-16QAM	M	Outer_Full	26.800	28.21	PASS
n77(3450-3550)	30	30	DFT-64QAM	M	Outer_Full	26.752	28.53	PASS
n77(3450-3550)	30	30	DFT-256QAM	M	Outer_Full	26.854	28.53	PASS
n77(3450-3550)	30	30	CP-QPSK	M	Outer_Full	27.871	29.65	PASS
n77(3450-3550)	30	30	CP-16QAM	M	Outer_Full	27.868	29.52	PASS
n77(3450-3550)	30	30	CP-64QAM	M	Outer_Full	27.819	29.98	PASS
n77(3450-3550)	30	30	CP-256QAM	M	Outer_Full	27.892	29.65	PASS
n77(3450-3550)	30	30	DFT-BPSK	H	Outer_Full	26.804	28.43	PASS
n77(3450-3550)	30	30	DFT-QPSK	H	Outer_Full	26.789	28.51	PASS
n77(3450-3550)	30	30	DFT-16QAM	H	Outer_Full	26.823	28.30	PASS

n77(3450-3550)	30	30	DFT-64QAM	H	Outer_Full	26.793	28.39	PASS
n77(3450-3550)	30	30	DFT-256QAM	H	Outer_Full	26.831	28.78	PASS
n77(3450-3550)	30	30	CP-QPSK	H	Outer_Full	27.833	29.50	PASS
n77(3450-3550)	30	30	CP-16QAM	H	Outer_Full	27.852	29.57	PASS
n77(3450-3550)	30	30	CP-64QAM	H	Outer_Full	27.817	29.72	PASS
n77(3450-3550)	30	30	CP-256QAM	H	Outer_Full	27.852	29.86	PASS
n77(3450-3550)	30	40	DFT-BPSK	L	Outer_Full	35.803	37.67	PASS
n77(3450-3550)	30	40	DFT-QPSK	L	Outer_Full	35.741	37.70	PASS
n77(3450-3550)	30	40	DFT-16QAM	L	Outer_Full	35.698	37.51	PASS
n77(3450-3550)	30	40	DFT-64QAM	L	Outer_Full	35.809	37.72	PASS
n77(3450-3550)	30	40	DFT-256QAM	L	Outer_Full	35.707	37.43	PASS
n77(3450-3550)	30	40	CP-QPSK	L	Outer_Full	37.823	39.84	PASS
n77(3450-3550)	30	40	CP-16QAM	L	Outer_Full	37.779	39.82	PASS
n77(3450-3550)	30	40	CP-64QAM	L	Outer_Full	37.846	40.07	PASS
n77(3450-3550)	30	40	CP-256QAM	L	Outer_Full	37.804	39.64	PASS
n77(3450-3550)	30	40	DFT-BPSK	M	Outer_Full	35.734	37.77	PASS
n77(3450-3550)	30	40	DFT-QPSK	M	Outer_Full	35.727	37.66	PASS
n77(3450-3550)	30	40	DFT-16QAM	M	Outer_Full	35.728	37.57	PASS
n77(3450-3550)	30	40	DFT-64QAM	M	Outer_Full	35.742	37.62	PASS
n77(3450-3550)	30	40	DFT-256QAM	M	Outer_Full	35.714	37.55	PASS
n77(3450-3550)	30	40	CP-QPSK	M	Outer_Full	37.815	39.82	PASS
n77(3450-3550)	30	40	CP-16QAM	M	Outer_Full	37.756	39.88	PASS
n77(3450-3550)	30	40	CP-64QAM	M	Outer_Full	37.835	39.77	PASS
n77(3450-3550)	30	40	CP-256QAM	M	Outer_Full	38.013	39.93	PASS
n77(3450-3550)	30	40	DFT-BPSK	H	Outer_Full	35.724	37.53	PASS
n77(3450-3550)	30	40	DFT-QPSK	H	Outer_Full	35.709	37.73	PASS
n77(3450-3550)	30	40	DFT-16QAM	H	Outer_Full	35.754	37.62	PASS
n77(3450-3550)	30	40	DFT-64QAM	H	Outer_Full	35.762	37.75	PASS
n77(3450-3550)	30	40	DFT-256QAM	H	Outer_Full	35.701	37.64	PASS
n77(3450-3550)	30	40	CP-QPSK	H	Outer_Full	37.785	39.86	PASS
n77(3450-3550)	30	40	CP-16QAM	H	Outer_Full	37.804	40.00	PASS
n77(3450-3550)	30	40	CP-64QAM	H	Outer_Full	37.843	39.75	PASS
n77(3450-3550)	30	40	CP-256QAM	H	Outer_Full	38.005	39.99	PASS
n77(3450-3550)	30	50	DFT-BPSK	L	Outer_Full	45.670	47.72	PASS
n77(3450-3550)	30	50	DFT-QPSK	L	Outer_Full	45.769	48.36	PASS
n77(3450-3550)	30	50	DFT-16QAM	L	Outer_Full	45.729	47.95	PASS
n77(3450-3550)	30	50	DFT-64QAM	L	Outer_Full	45.708	47.94	PASS
n77(3450-3550)	30	50	DFT-256QAM	L	Outer_Full	45.676	47.51	PASS
n77(3450-3550)	30	50	CP-QPSK	L	Outer_Full	47.463	49.83	PASS
n77(3450-3550)	30	50	CP-16QAM	L	Outer_Full	47.465	49.45	PASS
n77(3450-3550)	30	50	CP-64QAM	L	Outer_Full	47.421	49.77	PASS
n77(3450-3550)	30	50	CP-256QAM	L	Outer_Full	47.445	49.60	PASS
n77(3450-3550)	30	50	DFT-BPSK	M	Outer_Full	45.700	47.87	PASS
n77(3450-3550)	30	50	DFT-QPSK	M	Outer_Full	45.767	47.85	PASS
n77(3450-3550)	30	50	DFT-16QAM	M	Outer_Full	45.714	47.68	PASS

n77(3450-3550)	30	50	DFT-64QAM	M	Outer_Full	45.676	47.62	PASS
n77(3450-3550)	30	50	DFT-256QAM	M	Outer_Full	45.678	47.66	PASS
n77(3450-3550)	30	50	CP-QPSK	M	Outer_Full	47.420	49.83	PASS
n77(3450-3550)	30	50	CP-16QAM	M	Outer_Full	47.523	49.72	PASS
n77(3450-3550)	30	50	CP-64QAM	M	Outer_Full	47.414	49.64	PASS
n77(3450-3550)	30	50	CP-256QAM	M	Outer_Full	47.576	49.63	PASS
n77(3450-3550)	30	50	DFT-BPSK	H	Outer_Full	45.726	47.78	PASS
n77(3450-3550)	30	50	DFT-QPSK	H	Outer_Full	45.788	47.78	PASS
n77(3450-3550)	30	50	DFT-16QAM	H	Outer_Full	45.733	47.95	PASS
n77(3450-3550)	30	50	DFT-64QAM	H	Outer_Full	45.721	48.03	PASS
n77(3450-3550)	30	50	DFT-256QAM	H	Outer_Full	45.721	47.75	PASS
n77(3450-3550)	30	50	CP-QPSK	H	Outer_Full	47.610	50.08	PASS
n77(3450-3550)	30	50	CP-16QAM	H	Outer_Full	47.514	49.81	PASS
n77(3450-3550)	30	50	CP-64QAM	H	Outer_Full	47.416	50.04	PASS
n77(3450-3550)	30	50	CP-256QAM	H	Outer_Full	47.479	49.48	PASS
n77(3450-3550)	30	60	DFT-BPSK	L	Outer_Full	57.787	60.20	PASS
n77(3450-3550)	30	60	DFT-QPSK	L	Outer_Full	57.828	60.56	PASS
n77(3450-3550)	30	60	DFT-16QAM	L	Outer_Full	57.892	60.18	PASS
n77(3450-3550)	30	60	DFT-64QAM	L	Outer_Full	57.914	60.31	PASS
n77(3450-3550)	30	60	DFT-256QAM	L	Outer_Full	57.817	60.38	PASS
n77(3450-3550)	30	60	CP-QPSK	L	Outer_Full	57.788	60.50	PASS
n77(3450-3550)	30	60	CP-16QAM	L	Outer_Full	57.888	60.19	PASS
n77(3450-3550)	30	60	CP-64QAM	L	Outer_Full	57.735	60.02	PASS
n77(3450-3550)	30	60	CP-256QAM	L	Outer_Full	57.798	60.19	PASS
n77(3450-3550)	30	60	DFT-BPSK	M	Outer_Full	57.962	60.11	PASS
n77(3450-3550)	30	60	DFT-QPSK	M	Outer_Full	57.848	60.38	PASS
n77(3450-3550)	30	60	DFT-16QAM	M	Outer_Full	57.920	60.24	PASS
n77(3450-3550)	30	60	DFT-64QAM	M	Outer_Full	57.896	60.45	PASS
n77(3450-3550)	30	60	DFT-256QAM	M	Outer_Full	57.827	60.37	PASS
n77(3450-3550)	30	60	CP-QPSK	M	Outer_Full	57.844	60.19	PASS
n77(3450-3550)	30	60	CP-16QAM	M	Outer_Full	57.730	60.32	PASS
n77(3450-3550)	30	60	CP-64QAM	M	Outer_Full	57.793	60.10	PASS
n77(3450-3550)	30	60	CP-256QAM	M	Outer_Full	57.765	60.31	PASS
n77(3450-3550)	30	60	DFT-BPSK	H	Outer_Full	57.832	60.26	PASS
n77(3450-3550)	30	60	DFT-QPSK	H	Outer_Full	57.782	60.29	PASS
n77(3450-3550)	30	60	DFT-16QAM	H	Outer_Full	57.904	60.28	PASS
n77(3450-3550)	30	60	DFT-64QAM	H	Outer_Full	57.889	60.41	PASS
n77(3450-3550)	30	60	DFT-256QAM	H	Outer_Full	57.846	60.33	PASS
n77(3450-3550)	30	60	CP-QPSK	H	Outer_Full	57.846	60.27	PASS
n77(3450-3550)	30	60	CP-16QAM	H	Outer_Full	57.807	60.31	PASS
n77(3450-3550)	30	60	CP-64QAM	H	Outer_Full	57.742	60.28	PASS
n77(3450-3550)	30	60	CP-256QAM	H	Outer_Full	57.797	60.46	PASS
n77(3450-3550)	30	70	DFT-BPSK	L	Outer_Full	64.173	66.42	PASS
n77(3450-3550)	30	70	DFT-QPSK	L	Outer_Full	64.242	66.74	PASS
n77(3450-3550)	30	70	DFT-16QAM	L	Outer_Full	64.194	66.67	PASS

n77(3450-3550)	30	70	DFT-64QAM	L	Outer_Full	64.241	66.88	PASS
n77(3450-3550)	30	70	DFT-256QAM	L	Outer_Full	64.134	66.71	PASS
n77(3450-3550)	30	70	CP-QPSK	L	Outer_Full	67.441	70.27	PASS
n77(3450-3550)	30	70	CP-16QAM	L	Outer_Full	67.344	70.15	PASS
n77(3450-3550)	30	70	CP-64QAM	L	Outer_Full	67.343	69.86	PASS
n77(3450-3550)	30	70	CP-256QAM	L	Outer_Full	67.426	70.10	PASS
n77(3450-3550)	30	70	DFT-BPSK	M	Outer_Full	64.265	66.75	PASS
n77(3450-3550)	30	70	DFT-QPSK	M	Outer_Full	64.182	66.45	PASS
n77(3450-3550)	30	70	DFT-16QAM	M	Outer_Full	64.257	66.77	PASS
n77(3450-3550)	30	70	DFT-64QAM	M	Outer_Full	64.268	66.88	PASS
n77(3450-3550)	30	70	DFT-256QAM	M	Outer_Full	64.215	66.75	PASS
n77(3450-3550)	30	70	CP-QPSK	M	Outer_Full	67.395	70.23	PASS
n77(3450-3550)	30	70	CP-16QAM	M	Outer_Full	67.404	70.05	PASS
n77(3450-3550)	30	70	CP-64QAM	M	Outer_Full	67.213	69.85	PASS
n77(3450-3550)	30	70	CP-256QAM	M	Outer_Full	67.439	70.40	PASS
n77(3450-3550)	30	70	DFT-BPSK	H	Outer_Full	64.153	67.13	PASS
n77(3450-3550)	30	70	DFT-QPSK	H	Outer_Full	64.244	66.93	PASS
n77(3450-3550)	30	70	DFT-16QAM	H	Outer_Full	64.241	66.56	PASS
n77(3450-3550)	30	70	DFT-64QAM	H	Outer_Full	64.295	66.95	PASS
n77(3450-3550)	30	70	DFT-256QAM	H	Outer_Full	64.260	66.74	PASS
n77(3450-3550)	30	70	CP-QPSK	H	Outer_Full	67.360	70.05	PASS
n77(3450-3550)	30	70	CP-16QAM	H	Outer_Full	67.436	70.13	PASS
n77(3450-3550)	30	70	CP-64QAM	H	Outer_Full	67.300	69.96	PASS
n77(3450-3550)	30	70	CP-256QAM	H	Outer_Full	67.424	69.75	PASS
n77(3450-3550)	30	80	DFT-BPSK	L	Outer_Full	76.877	79.78	PASS
n77(3450-3550)	30	80	DFT-QPSK	L	Outer_Full	77.131	80.11	PASS
n77(3450-3550)	30	80	DFT-16QAM	L	Outer_Full	77.052	79.75	PASS
n77(3450-3550)	30	80	DFT-64QAM	L	Outer_Full	77.076	79.93	PASS
n77(3450-3550)	30	80	DFT-256QAM	L	Outer_Full	76.972	79.99	PASS
n77(3450-3550)	30	80	CP-QPSK	L	Outer_Full	77.185	80.11	PASS
n77(3450-3550)	30	80	CP-16QAM	L	Outer_Full	77.122	79.75	PASS
n77(3450-3550)	30	80	CP-64QAM	L	Outer_Full	77.477	80.38	PASS
n77(3450-3550)	30	80	CP-256QAM	L	Outer_Full	77.325	80.38	PASS
n77(3450-3550)	30	80	DFT-BPSK	M	Outer_Full	77.117	79.75	PASS
n77(3450-3550)	30	80	DFT-QPSK	M	Outer_Full	77.150	79.99	PASS
n77(3450-3550)	30	80	DFT-16QAM	M	Outer_Full	77.161	80.14	PASS
n77(3450-3550)	30	80	DFT-64QAM	M	Outer_Full	77.101	79.75	PASS
n77(3450-3550)	30	80	DFT-256QAM	M	Outer_Full	77.016	80.04	PASS
n77(3450-3550)	30	80	CP-QPSK	M	Outer_Full	77.281	80.34	PASS
n77(3450-3550)	30	80	CP-16QAM	M	Outer_Full	77.440	80.42	PASS
n77(3450-3550)	30	80	CP-64QAM	M	Outer_Full	77.531	80.30	PASS
n77(3450-3550)	30	80	CP-256QAM	M	Outer_Full	77.404	80.16	PASS
n77(3450-3550)	30	80	DFT-BPSK	H	Outer_Full	77.085	79.80	PASS
n77(3450-3550)	30	80	DFT-QPSK	H	Outer_Full	77.139	80.11	PASS
n77(3450-3550)	30	80	DFT-16QAM	H	Outer_Full	77.115	80.12	PASS

n77(3450-3550)	30	80	DFT-64QAM	H	Outer_Full	76.993	79.98	PASS
n77(3450-3550)	30	80	DFT-256QAM	H	Outer_Full	77.087	79.94	PASS
n77(3450-3550)	30	80	CP-QPSK	H	Outer_Full	77.037	80.17	PASS
n77(3450-3550)	30	80	CP-16QAM	H	Outer_Full	77.357	80.34	PASS
n77(3450-3550)	30	80	CP-64QAM	H	Outer_Full	77.433	80.42	PASS
n77(3450-3550)	30	80	CP-256QAM	H	Outer_Full	77.369	80.71	PASS
n77(3450-3550)	30	90	DFT-BPSK	L	Outer_Full	86.671	89.90	PASS
n77(3450-3550)	30	90	DFT-QPSK	L	Outer_Full	86.553	89.92	PASS
n77(3450-3550)	30	90	DFT-16QAM	L	Outer_Full	86.778	89.93	PASS
n77(3450-3550)	30	90	DFT-64QAM	L	Outer_Full	86.697	90.05	PASS
n77(3450-3550)	30	90	DFT-256QAM	L	Outer_Full	86.716	89.75	PASS
n77(3450-3550)	30	90	CP-QPSK	L	Outer_Full	87.315	90.32	PASS
n77(3450-3550)	30	90	CP-16QAM	L	Outer_Full	87.477	90.86	PASS
n77(3450-3550)	30	90	CP-64QAM	L	Outer_Full	87.342	90.77	PASS
n77(3450-3550)	30	90	CP-256QAM	L	Outer_Full	87.492	90.33	PASS
n77(3450-3550)	30	90	DFT-BPSK	M	Outer_Full	86.870	89.98	PASS
n77(3450-3550)	30	90	DFT-QPSK	M	Outer_Full	86.642	90.09	PASS
n77(3450-3550)	30	90	DFT-16QAM	M	Outer_Full	86.923	89.77	PASS
n77(3450-3550)	30	90	DFT-64QAM	M	Outer_Full	86.645	89.58	PASS
n77(3450-3550)	30	90	DFT-256QAM	M	Outer_Full	86.566	89.74	PASS
n77(3450-3550)	30	90	CP-QPSK	M	Outer_Full	86.503	89.74	PASS
n77(3450-3550)	30	90	CP-16QAM	M	Outer_Full	86.879	89.70	PASS
n77(3450-3550)	30	90	CP-64QAM	M	Outer_Full	87.420	90.57	PASS
n77(3450-3550)	30	90	CP-256QAM	M	Outer_Full	87.352	90.66	PASS
n77(3450-3550)	30	90	DFT-BPSK	H	Outer_Full	86.692	89.95	PASS
n77(3450-3550)	30	90	DFT-QPSK	H	Outer_Full	86.697	89.81	PASS
n77(3450-3550)	30	90	DFT-16QAM	H	Outer_Full	86.865	89.72	PASS
n77(3450-3550)	30	90	DFT-64QAM	H	Outer_Full	86.708	90.18	PASS
n77(3450-3550)	30	90	DFT-256QAM	H	Outer_Full	86.529	89.83	PASS
n77(3450-3550)	30	90	CP-QPSK	H	Outer_Full	87.331	90.55	PASS
n77(3450-3550)	30	90	CP-16QAM	H	Outer_Full	87.534	90.69	PASS
n77(3450-3550)	30	90	CP-64QAM	H	Outer_Full	87.564	90.47	PASS
n77(3450-3550)	30	90	CP-256QAM	H	Outer_Full	87.430	90.53	PASS
n77(3450-3550)	30	100	DFT-BPSK	L	Outer_Full	96.363	99.75	PASS
n77(3450-3550)	30	100	DFT-QPSK	L	Outer_Full	96.159	99.70	PASS
n77(3450-3550)	30	100	DFT-16QAM	L	Outer_Full	96.400	99.74	PASS
n77(3450-3550)	30	100	DFT-64QAM	L	Outer_Full	96.402	99.99	PASS
n77(3450-3550)	30	100	DFT-256QAM	L	Outer_Full	96.355	99.94	PASS
n77(3450-3550)	30	100	CP-QPSK	L	Outer_Full	97.356	100.8	PASS
n77(3450-3550)	30	100	CP-16QAM	L	Outer_Full	97.372	100.8	PASS
n77(3450-3550)	30	100	CP-64QAM	L	Outer_Full	97.449	101.1	PASS
n77(3450-3550)	30	100	CP-256QAM	L	Outer_Full	97.317	100.9	PASS
n77(3450-3550)	30	100	DFT-BPSK	M	Outer_Full	96.375	99.79	PASS
n77(3450-3550)	30	100	DFT-QPSK	M	Outer_Full	96.199	99.62	PASS
n77(3450-3550)	30	100	DFT-16QAM	M	Outer_Full	96.447	99.73	PASS

n77(3450-3550)	30	100	DFT-64QAM	M	Outer_Full	96.328	99.81	PASS
n77(3450-3550)	30	100	DFT-256QAM	M	Outer_Full	96.292	100.0	PASS
n77(3450-3550)	30	100	CP-QPSK	M	Outer_Full	97.344	101.0	PASS
n77(3450-3550)	30	100	CP-16QAM	M	Outer_Full	97.377	101.0	PASS
n77(3450-3550)	30	100	CP-64QAM	M	Outer_Full	97.373	100.9	PASS
n77(3450-3550)	30	100	CP-256QAM	M	Outer_Full	97.421	101.0	PASS
n77(3450-3550)	30	100	DFT-BPSK	H	Outer_Full	96.381	99.66	PASS
n77(3450-3550)	30	100	DFT-QPSK	H	Outer_Full	96.197	99.57	PASS
n77(3450-3550)	30	100	DFT-16QAM	H	Outer_Full	96.353	100.1	PASS
n77(3450-3550)	30	100	DFT-64QAM	H	Outer_Full	96.318	99.97	PASS
n77(3450-3550)	30	100	DFT-256QAM	H	Outer_Full	96.188	99.99	PASS
n77(3450-3550)	30	100	CP-QPSK	H	Outer_Full	97.365	101.0	PASS
n77(3450-3550)	30	100	CP-16QAM	H	Outer_Full	97.300	100.9	PASS
n77(3450-3550)	30	100	CP-64QAM	H	Outer_Full	97.452	101.0	PASS
n77(3450-3550)	30	100	CP-256QAM	H	Outer_Full	97.494	100.8	PASS

Test Graphs
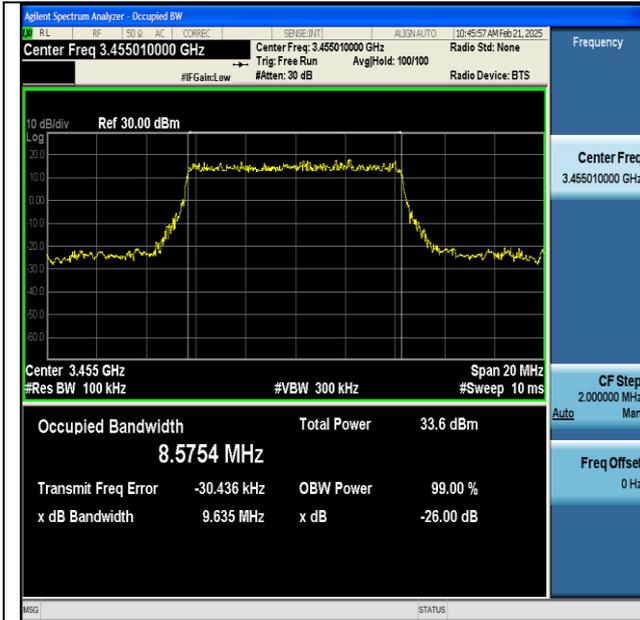
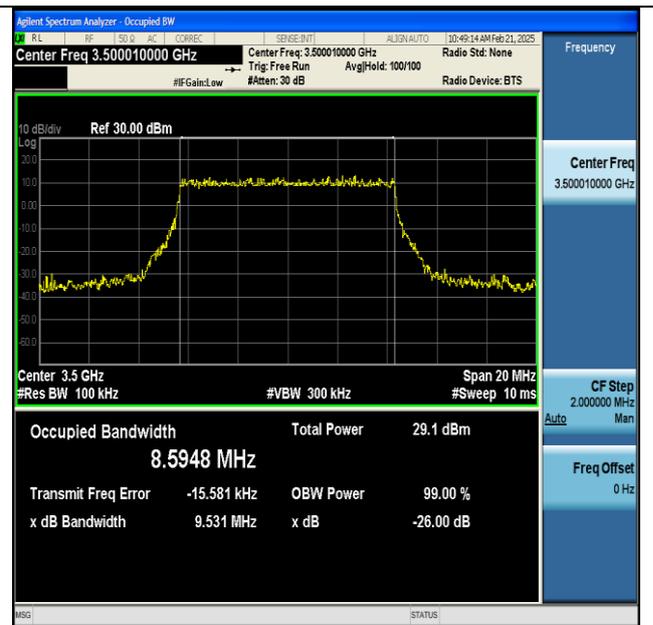NTNV-n77(3450-3550)-PC2-30-10-L-DFT-BPSK-
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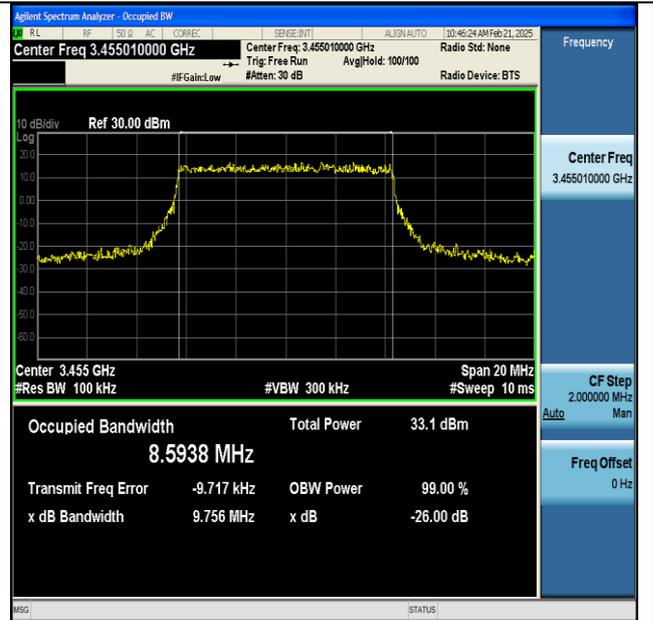
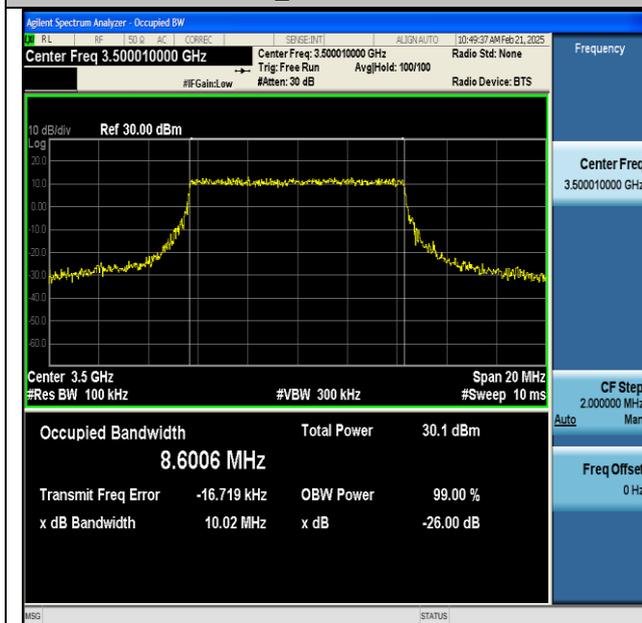NTNV-n77(3450-3550)-PC2-30-10-L-DFT-QPSK-
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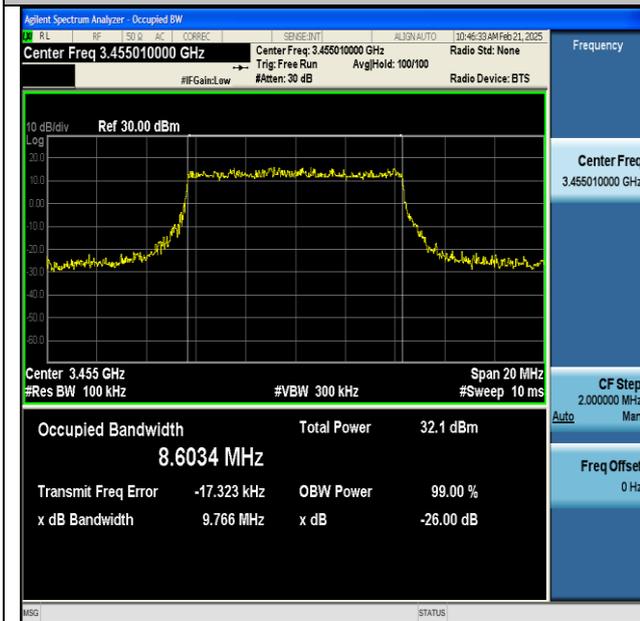
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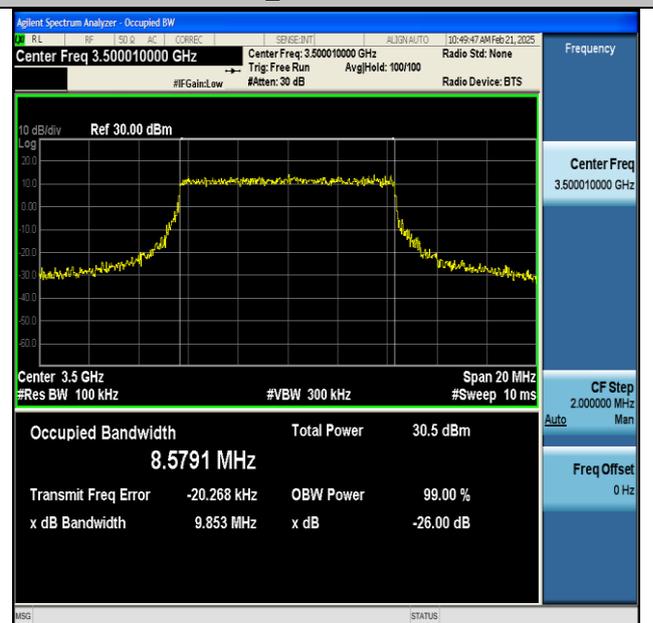Outer_Full-Ant1-PASS
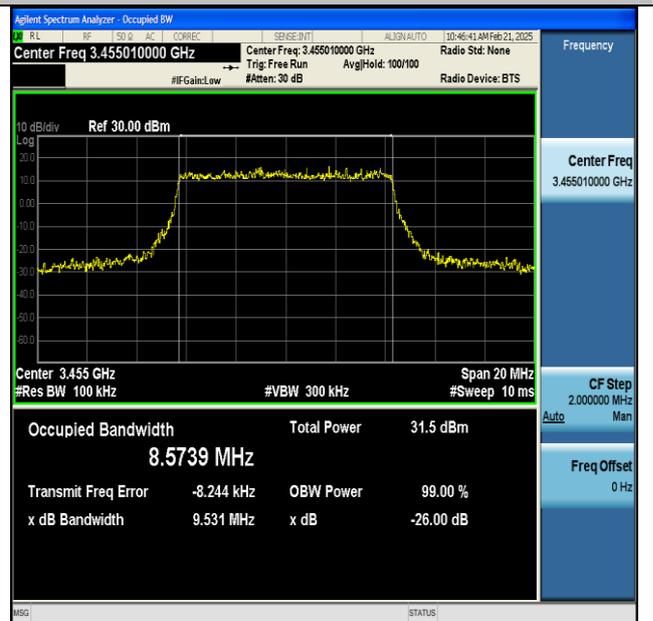
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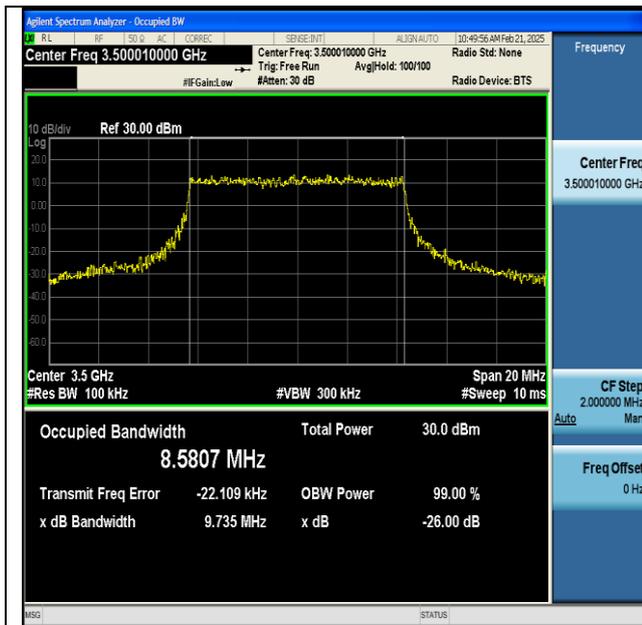Outer_Full-Ant1-PASS
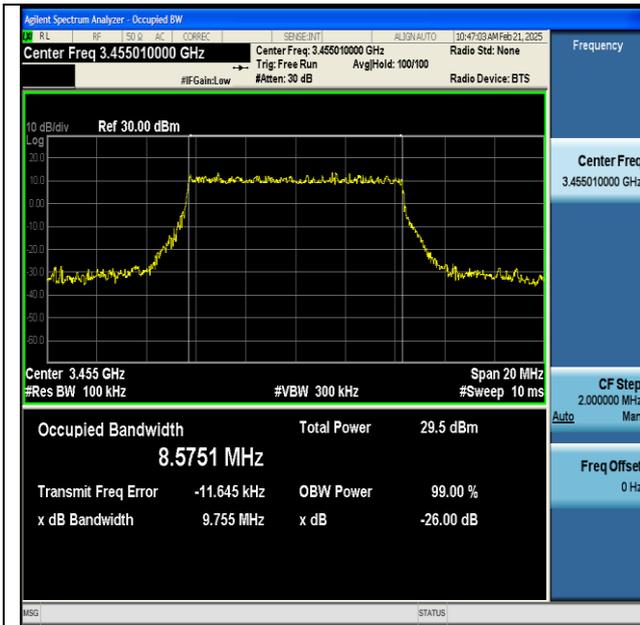
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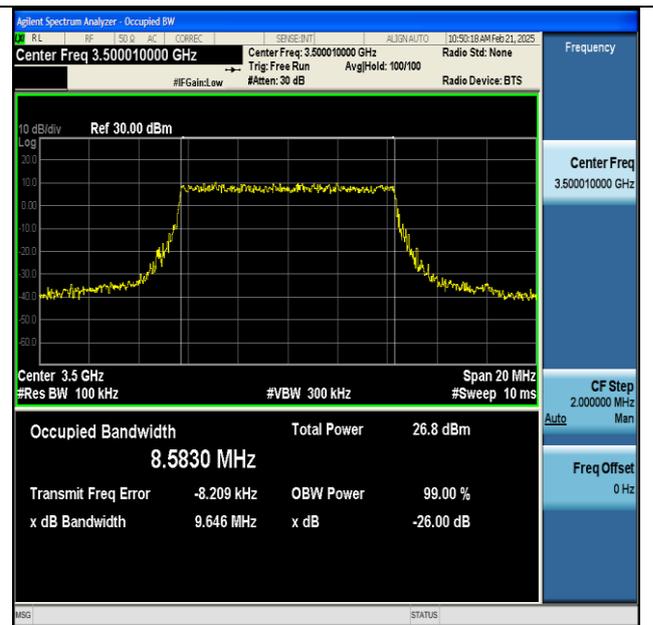Outer_Full-Ant1-PASS
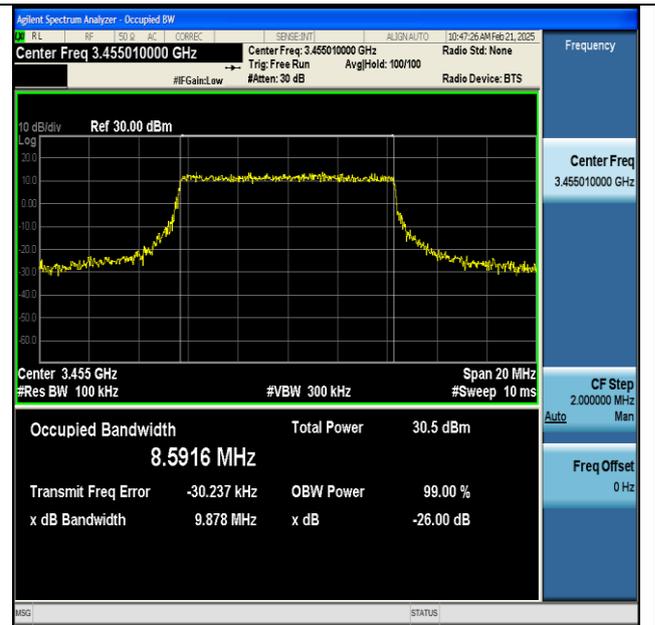
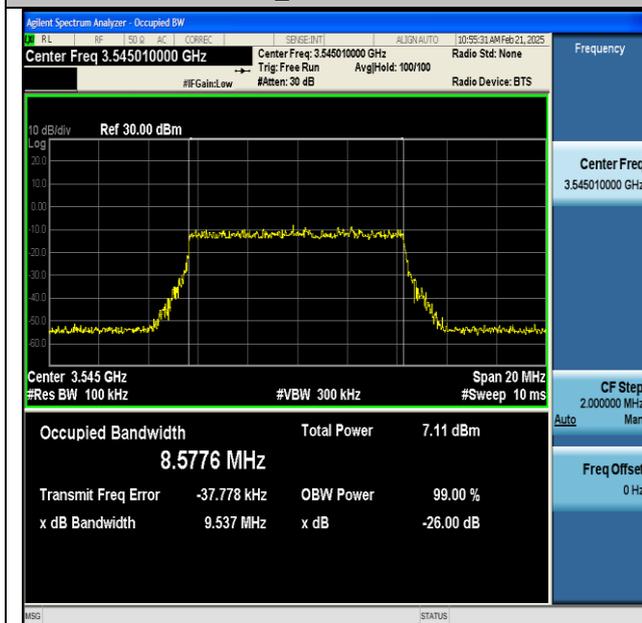NTNV-n77(3450-3550)-PC2-30-10-L-CP-QPSK-
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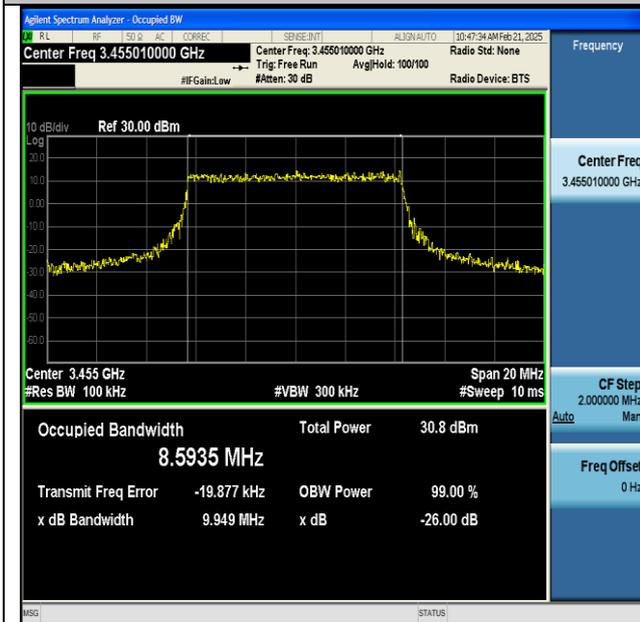
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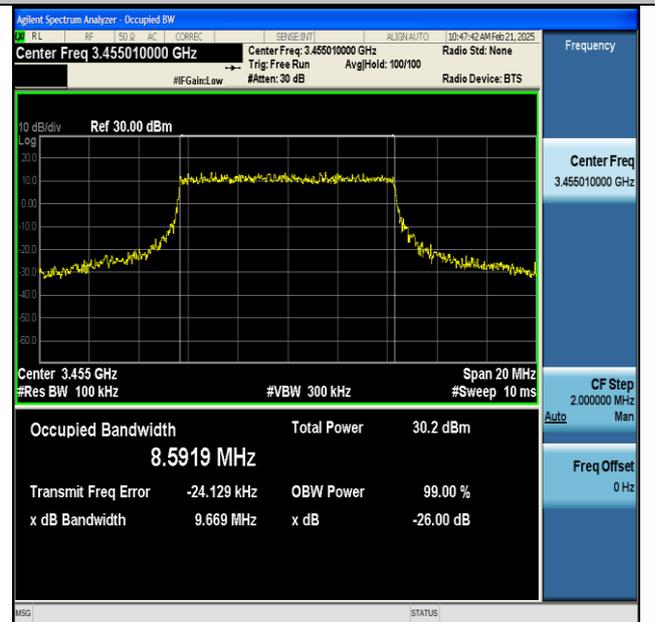
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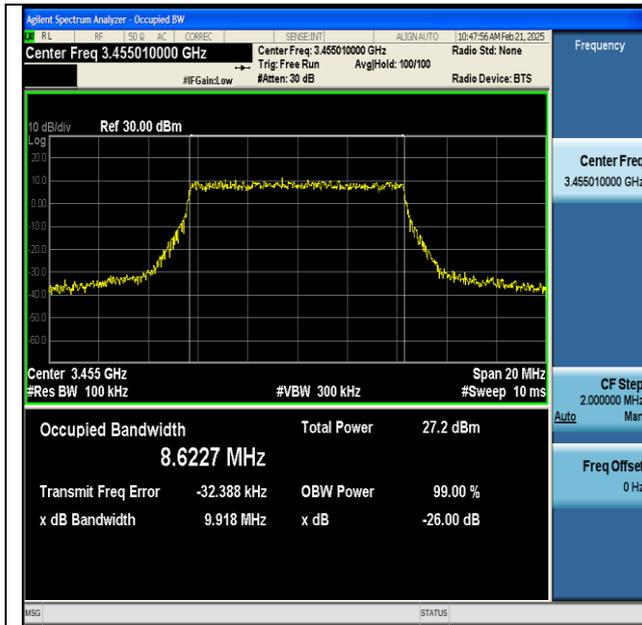
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NTNV-n77(3450-3550)-PC2-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS
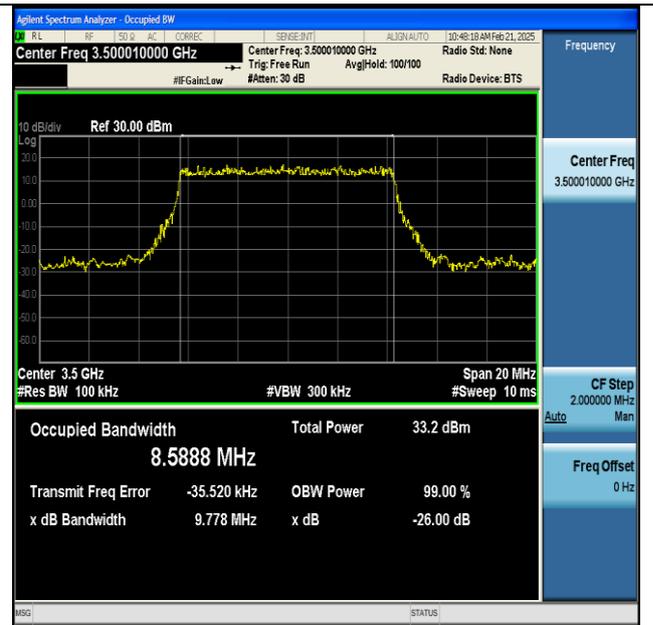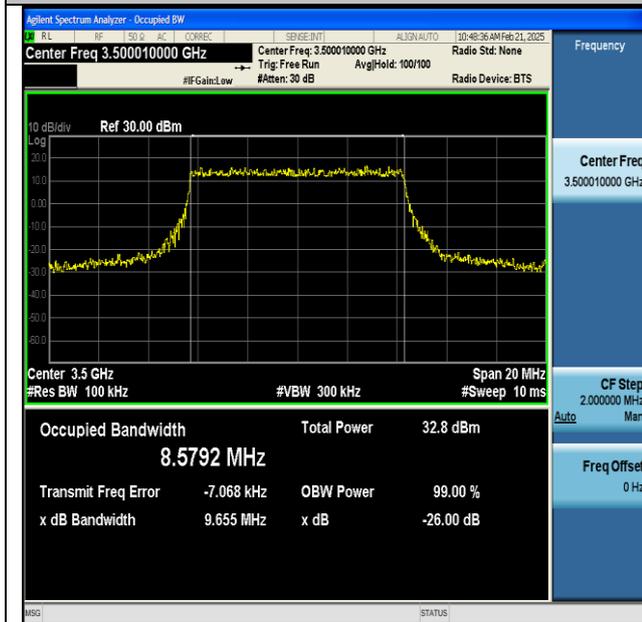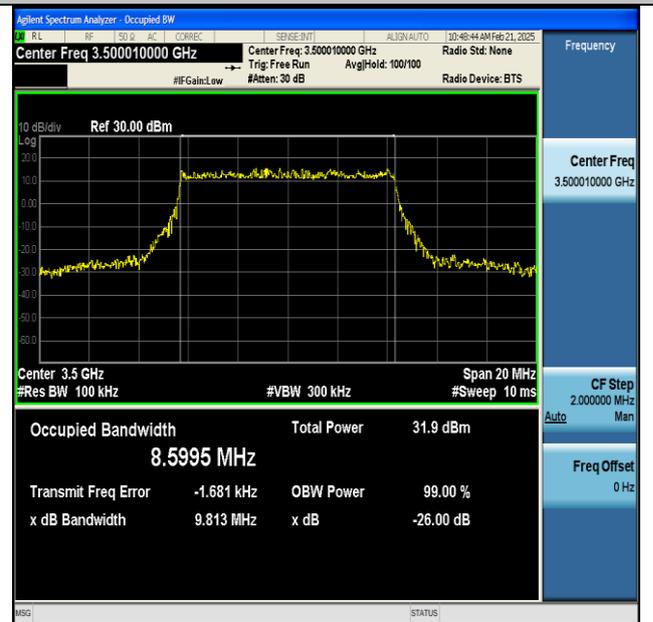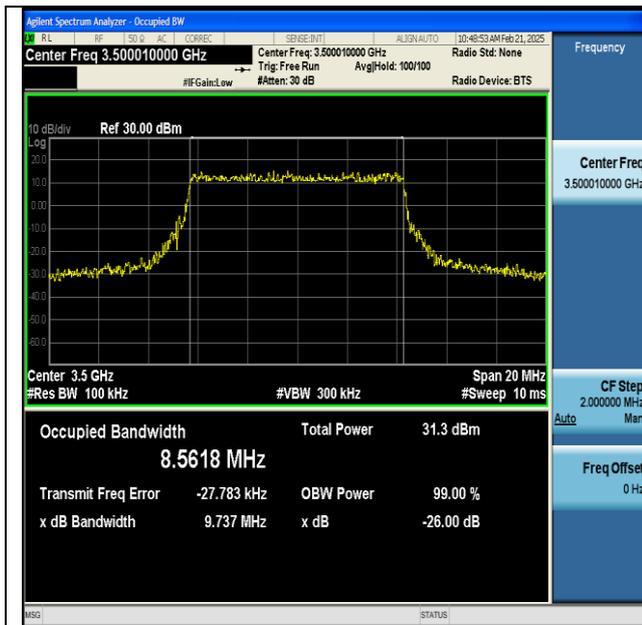
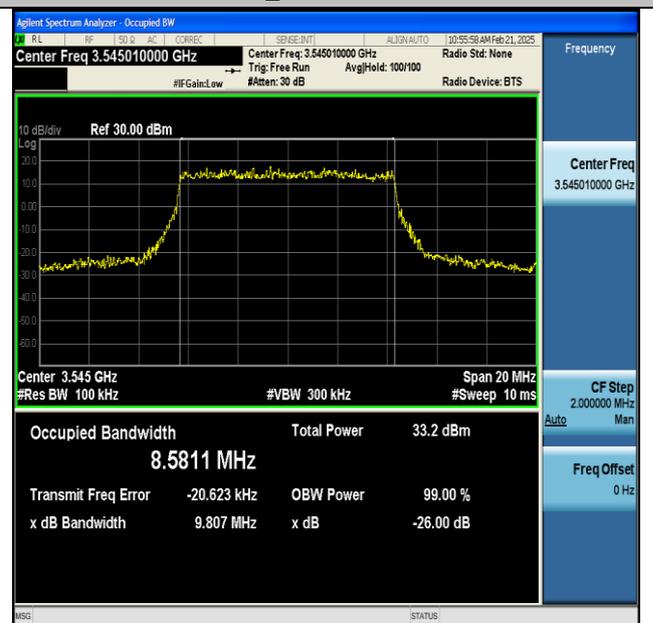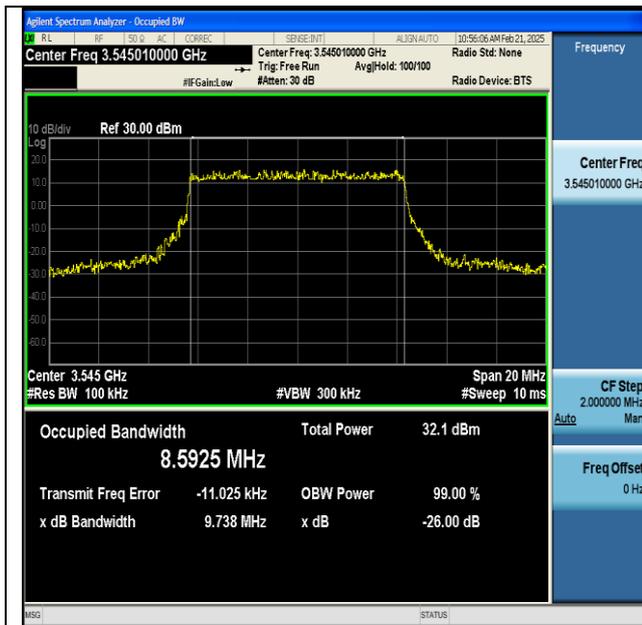|	
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NTNV-n77(3450-3550)-PC2-30-10-M-CP-QPSK-Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-M-CP-16QAM-Outer_Full-Ant1-PASS

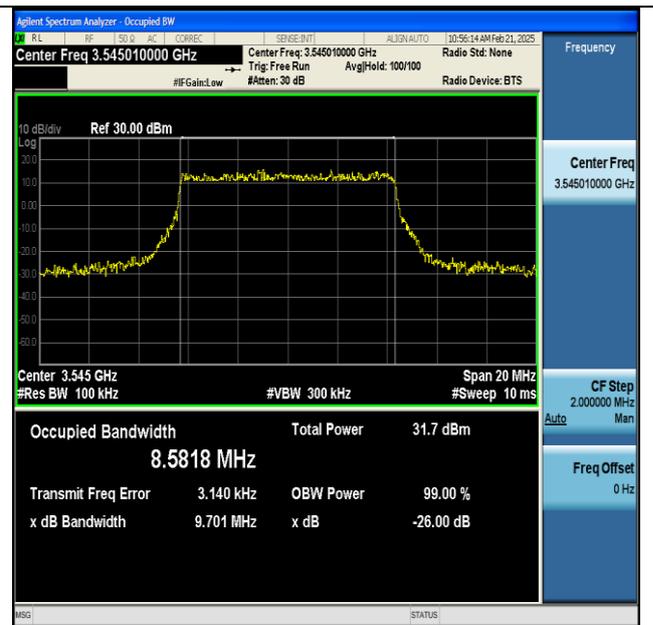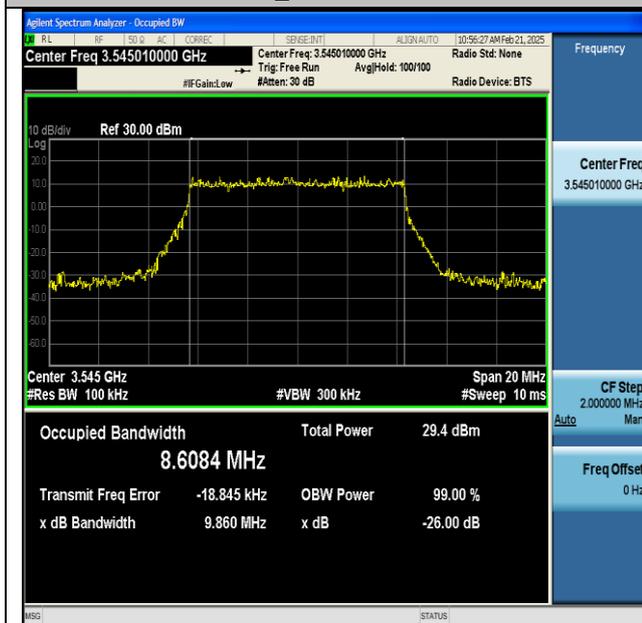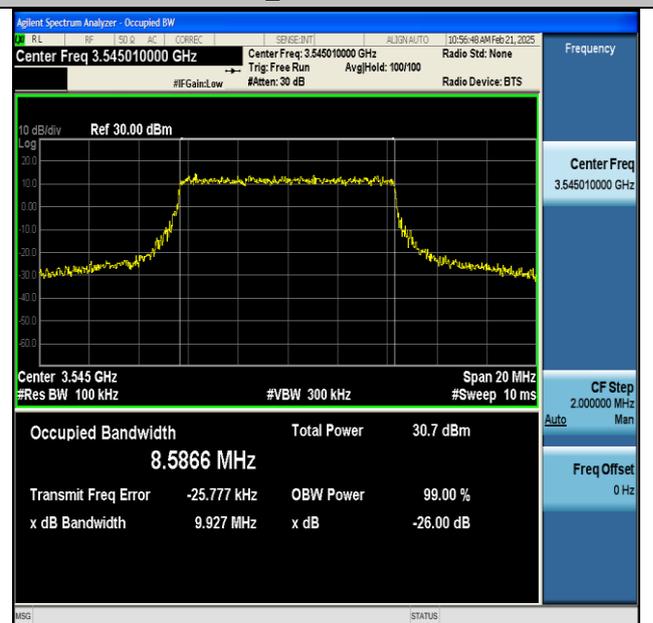|	
Agilent Spectrum Analyzer - Occupied BW Center Freq 3.500010000 GHz Center Freq: 3.500010000 GHz, Radio Std: None Trig: Free Run, Avg|Hold: 100/100 #IFGain:Low, #Atten: 30 dB, Radio Device: BTS 10 dB/div Ref 30.00 dBm Log Center 3.5 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz #Sweep 10 ms Occupied Bandwidth Total Power 30.0 dBm **8.5807 MHz** Transmit Freq Error -22.109 kHz OBW Power 99.00 % x dB Bandwidth 9.735 MHz x dB -26.00 dB	Agilent Spectrum Analyzer - Occupied BW Center Freq 3.500010000 GHz Center Freq: 3.500010000 GHz, Radio Std: None Trig: Free Run, Avg|Hold: 100/100 #IFGain:Low, #Atten: 30 dB, Radio Device: BTS 10 dB/div Ref 30.00 dBm Log Center 3.5 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz #Sweep 10 ms Occupied Bandwidth Total Power 26.8 dBm **8.5830 MHz** Transmit Freq Error -8.209 kHz OBW Power 99.00 % x dB Bandwidth 9.646 MHz x dB -26.00 dB
NTNV-n77(3450-3550)-PC2-30-10-M-CP-64QAM- Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-M-CP-256QAM- Outer_Full-Ant1-PASS
Agilent Spectrum Analyzer - Occupied BW Center Freq 3.545010000 GHz Center Freq: 3.545010000 GHz, Radio Std: None Trig: Free Run, Avg|Hold: 100/100 #IFGain:Low, #Atten: 30 dB, Radio Device: BTS 10 dB/div Ref 30.00 dBm Log Center 3.545 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz #Sweep 10 ms Occupied Bandwidth Total Power 7.11 dBm **8.5776 MHz** Transmit Freq Error -37.778 kHz OBW Power 99.00 % x dB Bandwidth 9.537 MHz x dB -26.00 dB	Agilent Spectrum Analyzer - Occupied BW Center Freq 3.545010000 GHz Center Freq: 3.545010000 GHz, Radio Std: None Trig: Free Run, Avg|Hold: 100/100 #IFGain:Low, #Atten: 30 dB, Radio Device: BTS 10 dB/div Ref 30.00 dBm Log Center 3.545 GHz Span 20 MHz #Res BW 100 kHz #VBW 300 kHz #Sweep 10 ms Occupied Bandwidth Total Power 33.2 dBm **8.5811 MHz** Transmit Freq Error -20.623 kHz OBW Power 99.00 % x dB Bandwidth 9.807 MHz x dB -26.00 dB
NTNV-n77(3450-3550)-PC2-30-10-H-DFT-BPSK- Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-H-DFT-QPSK- Outer_Full-Ant1-PASS

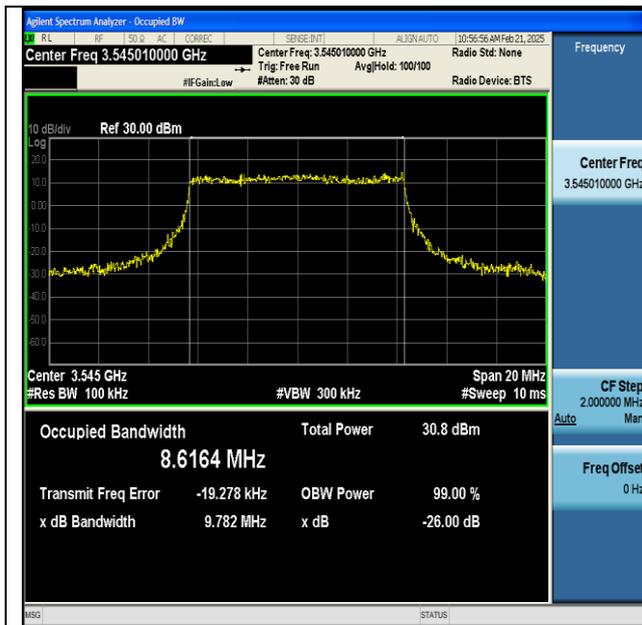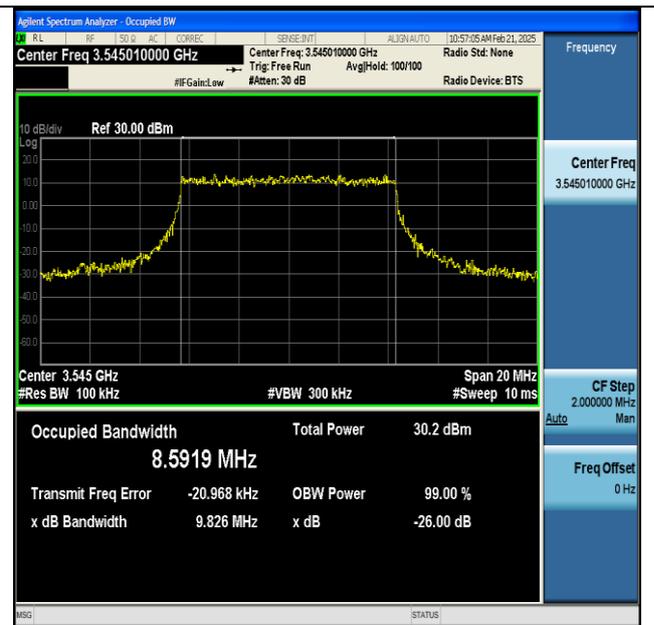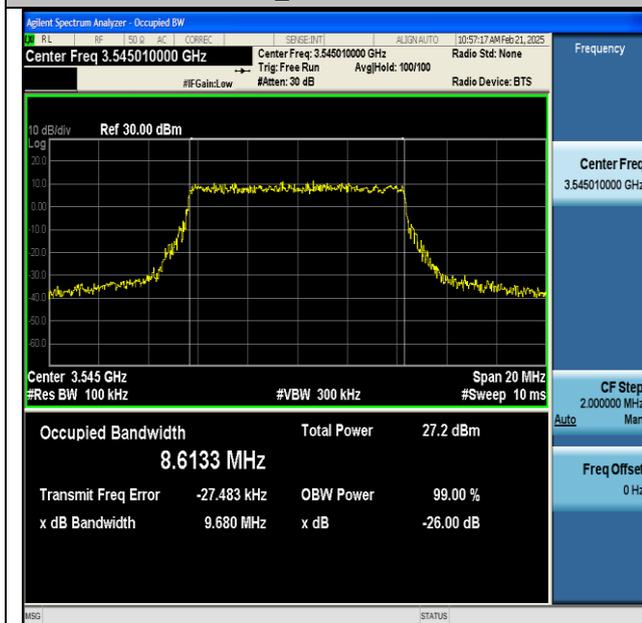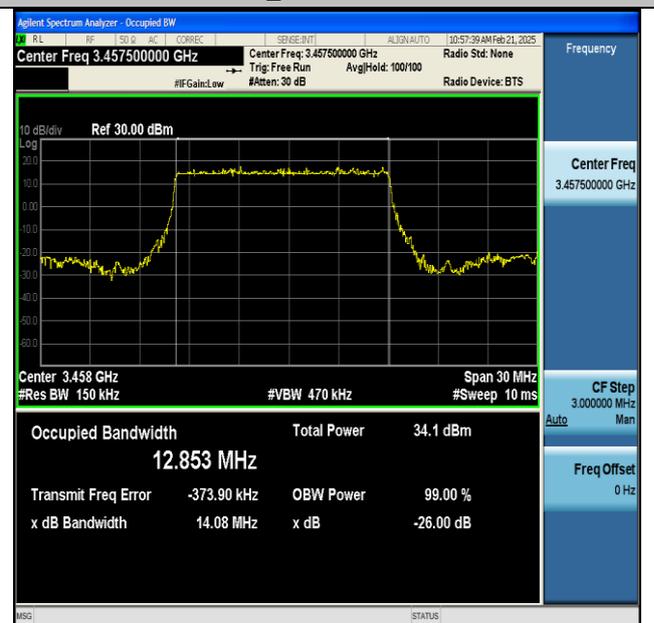|	
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NTNV-n77(3450-3550)-PC2-30-10-H-DFT-256QAM-Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-H-CP-QPSK-Outer_Full-Ant1-PASS

NTNV-n77(3450-3550)-PC2-30-10-H-CP-16QAM-Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-10-H-CP-64QAM-Outer_Full-Ant1-PASS
NTNV-n77(3450-3550)-PC2-30-10-H-CP-256QAM-Outer_Full-Ant1-PASS	NTNV-n77(3450-3550)-PC2-30-15-L-DFT-BPSK-Outer_Full-Ant1-PASS