

Appendix A : Test Result - n77-n78-(3.45G)

1. Conducted Output Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	20.1	-0.02	20.08	101.86	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	20.55	-0.02	20.53	112.98	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	20.45	-0.02	20.43	110.41	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	19.64	-0.02	19.62	91.62	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	20.7	-0.02	20.68	116.95	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	20.58	-0.02	20.56	113.76	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	20.46	-0.02	20.44	110.66	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_16QAM	18.6	-0.02	18.58	72.11	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_16QAM	19.66	-0.02	19.64	92.04	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_16QAM	19.76	-0.02	19.74	94.19	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_16QAM	19.67	-0.02	19.65	92.26	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_64QAM	18.14	-0.02	18.12	64.86	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_64QAM	18.2	-0.02	18.18	65.77	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_64QAM	18.16	-0.02	18.14	65.16	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_64QAM	18.06	-0.02	18.04	63.68	1000	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_256QAM	16.17	-0.02	16.15	41.21	1000	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_256QAM	16.25	-0.02	16.23	41.98	1000	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_256QAM	16.03	-0.02	16.01	39.9	1000	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	17.55	-0.02	17.53	56.62	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	18.99	-0.02	18.97	78.89	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	19.25	-0.02	19.23	83.75	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	19.21	-0.02	19.19	82.99	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_16QAM	17.51	-0.02	17.49	56.1	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_16QAM	18.85	-0.02	18.83	76.38	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_16QAM	18.73	-0.02	18.71	74.3	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_16QAM	18.64	-0.02	18.62	72.78	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_64QAM	17.11	-0.02	17.09	51.17	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_64QAM	17.14	-0.02	17.12	51.52	1000	PASS
n77(3450-3550)	30	10	630334	1@1	CP_64QAM	17.03	-0.02	17.01	50.23	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_64QAM	16.97	-0.02	16.95	49.55	1000	PASS
n77(3450-3550)	30	10	630334	24@0	CP_256QAM	14.09	-0.02	14.07	25.53	1000	PASS
n77(3450-3550)	30	10	630334	12@6	CP_256QAM	14.1	-0.02	14.08	25.59	1000	PASS

n77(3450-3550)	30	10	630334	1@1	CP_256QAM	14.07	-0.02	14.05	25.41	1000	PASS
n77(3450-3550)	30	10	630334	1@22	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	19.87	-0.02	19.85	96.61	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	20.36	-0.02	20.34	108.14	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	20.28	-0.02	20.26	106.17	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	20.23	-0.02	20.21	104.95	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	19.41	-0.02	19.39	86.9	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	20.36	-0.02	20.34	108.14	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	20.3	-0.02	20.28	106.66	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	20.26	-0.02	20.24	105.68	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_16QAM	18.42	-0.02	18.4	69.18	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_16QAM	19.47	-0.02	19.45	88.1	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_16QAM	19.51	-0.02	19.49	88.92	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_16QAM	19.47	-0.02	19.45	88.1	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_64QAM	17.87	-0.02	17.85	60.95	1000	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_256QAM	15.9	-0.02	15.88	38.73	1000	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_256QAM	16.08	-0.02	16.06	40.36	1000	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_256QAM	15.81	-0.02	15.79	37.93	1000	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_256QAM	15.73	-0.02	15.71	37.24	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	17.36	-0.02	17.34	54.2	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	18.85	-0.02	18.83	76.38	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	19.06	-0.02	19.04	80.17	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	19.01	-0.02	18.99	79.25	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_16QAM	17.31	-0.02	17.29	53.58	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_16QAM	18.57	-0.02	18.55	71.61	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_16QAM	18.59	-0.02	18.57	71.94	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_16QAM	18.52	-0.02	18.5	70.79	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_64QAM	16.99	-0.02	16.97	49.77	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_64QAM	16.82	-0.02	16.8	47.86	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_64QAM	16.77	-0.02	16.75	47.32	1000	PASS
n77(3450-3550)	30	10	633334	24@0	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n77(3450-3550)	30	10	633334	12@6	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n77(3450-3550)	30	10	633334	1@1	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n77(3450-3550)	30	10	633334	1@22	CP_256QAM	13.84	-0.02	13.82	24.1	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	19.69	-0.02	19.67	92.68	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	20.23	-0.02	20.21	104.95	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	20.17	-0.02	20.15	103.51	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	20.12	-0.02	20.1	102.33	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	19.31	-0.02	19.29	84.92	1000	PASS

n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	20.24	-0.02	20.22	105.2	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	20.21	-0.02	20.19	104.47	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	20.1	-0.02	20.08	101.86	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_16QAM	19.38	-0.02	19.36	86.3	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_16QAM	19.38	-0.02	19.36	86.3	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_64QAM	17.82	-0.02	17.8	60.26	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_256QAM	15.78	-0.02	15.76	37.67	1000	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_256QAM	15.75	-0.02	15.73	37.41	1000	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_256QAM	15.62	-0.02	15.6	36.31	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	17.29	-0.02	17.27	53.33	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	18.72	-0.02	18.7	74.13	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	19.03	-0.02	19.01	79.62	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	18.88	-0.02	18.86	76.91	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_16QAM	17.23	-0.02	17.21	52.6	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_16QAM	18.46	-0.02	18.44	69.82	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_64QAM	16.8	-0.02	16.78	47.64	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_64QAM	16.77	-0.02	16.75	47.32	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_64QAM	16.65	-0.02	16.63	46.03	1000	PASS
n77(3450-3550)	30	10	636332	24@0	CP_256QAM	13.73	-0.02	13.71	23.5	1000	PASS
n77(3450-3550)	30	10	636332	12@6	CP_256QAM	13.79	-0.02	13.77	23.82	1000	PASS
n77(3450-3550)	30	10	636332	1@1	CP_256QAM	13.82	-0.02	13.8	23.99	1000	PASS
n77(3450-3550)	30	10	636332	1@22	CP_256QAM	13.71	-0.02	13.69	23.39	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	20.17	-0.02	20.15	103.51	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	20.67	-0.02	20.65	116.14	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	20.61	-0.02	20.59	114.55	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	20.47	-0.02	20.45	110.92	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	19.71	-0.02	19.69	93.11	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	20.66	-0.02	20.64	115.88	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	20.63	-0.02	20.61	115.08	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_16QAM	18.75	-0.02	18.73	74.64	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_16QAM	19.65	-0.02	19.63	91.83	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_16QAM	19.76	-0.02	19.74	94.19	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_16QAM	19.64	-0.02	19.62	91.62	1000	PASS

n77(3450-3550)	30	15	630500	36@0	DFT_64QAM	18.17	-0.02	18.15	65.31	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_64QAM	18.31	-0.02	18.29	67.45	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_64QAM	18.25	-0.02	18.23	66.53	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_64QAM	18.11	-0.02	18.09	64.42	1000	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_256QAM	16.15	-0.02	16.13	41.02	1000	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_256QAM	16.16	-0.02	16.14	41.11	1000	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_256QAM	16.01	-0.02	15.99	39.72	1000	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	17.61	-0.02	17.59	57.41	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	19.17	-0.02	19.15	82.22	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	19.32	-0.02	19.3	85.11	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	19.2	-0.02	19.18	82.79	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_16QAM	17.69	-0.02	17.67	58.48	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_16QAM	18.62	-0.02	18.6	72.44	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_16QAM	18.67	-0.02	18.65	73.28	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_16QAM	18.53	-0.02	18.51	70.96	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_64QAM	17.13	-0.02	17.11	51.4	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_64QAM	17.2	-0.02	17.18	52.24	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_64QAM	17.08	-0.02	17.06	50.82	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	15	630500	38@0	CP_256QAM	14.15	-0.02	14.13	25.88	1000	PASS
n77(3450-3550)	30	15	630500	19@9	CP_256QAM	14.22	-0.02	14.2	26.3	1000	PASS
n77(3450-3550)	30	15	630500	1@1	CP_256QAM	14.13	-0.02	14.11	25.76	1000	PASS
n77(3450-3550)	30	15	630500	1@36	CP_256QAM	13.97	-0.02	13.95	24.83	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	19.89	-0.02	19.87	97.05	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	20.39	-0.02	20.37	108.89	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	20.34	-0.02	20.32	107.65	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	20.21	-0.02	20.19	104.47	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	19.47	-0.02	19.45	88.1	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	20.42	-0.02	20.4	109.65	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	20.35	-0.02	20.33	107.89	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	20.26	-0.02	20.24	105.68	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_16QAM	19.47	-0.02	19.45	88.1	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_16QAM	19.55	-0.02	19.53	89.74	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_16QAM	19.46	-0.02	19.44	87.9	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_64QAM	17.95	-0.02	17.93	62.09	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_64QAM	18.08	-0.02	18.06	63.97	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_64QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_256QAM	15.98	-0.02	15.96	39.45	1000	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_256QAM	15.99	-0.02	15.97	39.54	1000	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_256QAM	15.79	-0.02	15.77	37.76	1000	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_256QAM	15.65	-0.02	15.63	36.56	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	17.43	-0.02	17.41	55.08	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	18.94	-0.02	18.92	77.98	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	19.16	-0.02	19.14	82.04	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	19.03	-0.02	19.01	79.62	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_16QAM	17.49	-0.02	17.47	55.85	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_16QAM	18.44	-0.02	18.42	69.5	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_64QAM	16.94	-0.02	16.92	49.2	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_64QAM	16.86	-0.02	16.84	48.31	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_64QAM	16.73	-0.02	16.71	46.88	1000	PASS
n77(3450-3550)	30	15	633334	38@0	CP_256QAM	13.99	-0.02	13.97	24.95	1000	PASS
n77(3450-3550)	30	15	633334	19@9	CP_256QAM	14.03	-0.02	14.01	25.18	1000	PASS
n77(3450-3550)	30	15	633334	1@1	CP_256QAM	13.93	-0.02	13.91	24.6	1000	PASS
n77(3450-3550)	30	15	633334	1@36	CP_256QAM	13.82	-0.02	13.8	23.99	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	19.79	-0.02	19.77	94.84	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	20.29	-0.02	20.27	106.41	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	20.29	-0.02	20.27	106.41	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	20.13	-0.02	20.11	102.57	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	19.41	-0.02	19.39	86.9	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	20.33	-0.02	20.31	107.4	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	20.31	-0.02	20.29	106.91	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_16QAM	18.45	-0.02	18.43	69.66	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_16QAM	19.36	-0.02	19.34	85.9	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_16QAM	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_16QAM	19.37	-0.02	19.35	86.1	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_64QAM	17.89	-0.02	17.87	61.24	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_64QAM	17.99	-0.02	17.97	62.66	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_64QAM	17.81	-0.02	17.79	60.12	1000	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_256QAM	15.75	-0.02	15.73	37.41	1000	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_256QAM	15.57	-0.02	15.55	35.89	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	17.31	-0.02	17.29	53.58	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	19.06	-0.02	19.04	80.17	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	18.92	-0.02	18.9	77.62	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_16QAM	17.41	-0.02	17.39	54.83	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_16QAM	18.39	-0.02	18.37	68.71	1000	PASS

n77(3450-3550)	30	15	636166	1@1	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_16QAM	18.27	-0.02	18.25	66.83	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_64QAM	16.86	-0.02	16.84	48.31	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_64QAM	16.91	-0.02	16.89	48.87	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_64QAM	16.79	-0.02	16.77	47.53	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_64QAM	16.67	-0.02	16.65	46.24	1000	PASS
n77(3450-3550)	30	15	636166	38@0	CP_256QAM	13.92	-0.02	13.9	24.55	1000	PASS
n77(3450-3550)	30	15	636166	19@9	CP_256QAM	13.99	-0.02	13.97	24.95	1000	PASS
n77(3450-3550)	30	15	636166	1@1	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n77(3450-3550)	30	15	636166	1@36	CP_256QAM	13.69	-0.02	13.67	23.28	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	20.14	-0.02	20.12	102.8	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	20.58	-0.02	20.56	113.76	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	20.65	-0.02	20.63	115.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	20.39	-0.02	20.37	108.89	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	19.69	-0.02	19.67	92.68	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	20.69	-0.02	20.67	116.68	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	20.65	-0.02	20.63	115.61	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_16QAM	18.67	-0.02	18.65	73.28	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_16QAM	19.68	-0.02	19.66	92.47	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_16QAM	19.77	-0.02	19.75	94.41	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_16QAM	19.59	-0.02	19.57	90.57	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_64QAM	18.09	-0.02	18.07	64.12	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_64QAM	18.16	-0.02	18.14	65.16	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_64QAM	18.31	-0.02	18.29	67.45	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_64QAM	18.07	-0.02	18.05	63.83	1000	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_256QAM	16.14	-0.02	16.12	40.93	1000	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_256QAM	16.14	-0.02	16.12	40.93	1000	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_256QAM	16.09	-0.02	16.07	40.46	1000	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_256QAM	15.87	-0.02	15.85	38.46	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	17.63	-0.02	17.61	57.68	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	19.11	-0.02	19.09	81.1	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	19.35	-0.02	19.33	85.7	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	19.11	-0.02	19.09	81.1	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_16QAM	17.66	-0.02	17.64	58.08	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_16QAM	18.68	-0.02	18.66	73.45	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_16QAM	18.65	-0.02	18.63	72.95	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_64QAM	17.19	-0.02	17.17	52.12	1000	PASS
n77(3450-3550)	30	20	630668	25@12	CP_64QAM	17.27	-0.02	17.25	53.09	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_64QAM	17.03	-0.02	17.01	50.23	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n77(3450-3550)	30	20	630668	51@0	CP_256QAM	14.21	-0.02	14.19	26.24	1000	PASS

n77(3450-3550)	30	20	630668	25@12	CP_256QAM	14.15	-0.02	14.13	25.88	1000	PASS
n77(3450-3550)	30	20	630668	1@1	CP_256QAM	14.15	-0.02	14.13	25.88	1000	PASS
n77(3450-3550)	30	20	630668	1@49	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	19.88	-0.02	19.86	96.83	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	20.42	-0.02	20.4	109.65	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	20.36	-0.02	20.34	108.14	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	20.22	-0.02	20.2	104.71	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	19.52	-0.02	19.5	89.13	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	20.42	-0.02	20.4	109.65	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	20.37	-0.02	20.35	108.39	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	20.21	-0.02	20.19	104.47	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_16QAM	19.5	-0.02	19.48	88.72	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_16QAM	19.56	-0.02	19.54	89.95	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_64QAM	17.99	-0.02	17.97	62.66	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_64QAM	18.09	-0.02	18.07	64.12	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_256QAM	15.71	-0.02	15.69	37.07	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	17.46	-0.02	17.44	55.46	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	18.97	-0.02	18.95	78.52	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	19.16	-0.02	19.14	82.04	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	19.02	-0.02	19	79.43	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_16QAM	17.47	-0.02	17.45	55.59	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_16QAM	18.47	-0.02	18.45	69.98	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_16QAM	18.33	-0.02	18.31	67.76	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_64QAM	17	-0.02	16.98	49.89	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_64QAM	17.06	-0.02	17.04	50.58	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_64QAM	16.7	-0.02	16.68	46.56	1000	PASS
n77(3450-3550)	30	20	633334	51@0	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n77(3450-3550)	30	20	633334	25@12	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n77(3450-3550)	30	20	633334	1@1	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	20	633334	1@49	CP_256QAM	13.76	-0.02	13.74	23.66	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	19.76	-0.02	19.74	94.19	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	20.3	-0.02	20.28	106.66	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	20.28	-0.02	20.26	106.17	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	20.07	-0.02	20.05	101.16	1000	PASS

n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	19.41	-0.02	19.39	86.9	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	20.28	-0.02	20.26	106.17	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	20.1	-0.02	20.08	101.86	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_16QAM	19.4	-0.02	19.38	86.7	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_16QAM	19.51	-0.02	19.49	88.92	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_16QAM	19.32	-0.02	19.3	85.11	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_64QAM	17.79	-0.02	17.77	59.84	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_64QAM	17.89	-0.02	17.87	61.24	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_64QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_64QAM	17.84	-0.02	17.82	60.53	1000	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_256QAM	15.85	-0.02	15.83	38.28	1000	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_256QAM	15.82	-0.02	15.8	38.02	1000	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_256QAM	15.63	-0.02	15.61	36.39	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	17.36	-0.02	17.34	54.2	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	19.05	-0.02	19.03	79.98	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	18.87	-0.02	18.85	76.74	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_16QAM	17.38	-0.02	17.36	54.45	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_16QAM	18.45	-0.02	18.43	69.66	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_16QAM	18.21	-0.02	18.19	65.92	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_64QAM	17.01	-0.02	16.99	50	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_64QAM	16.81	-0.02	16.79	47.75	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_64QAM	16.6	-0.02	16.58	45.5	1000	PASS
n77(3450-3550)	30	20	636000	51@0	CP_256QAM	13.94	-0.02	13.92	24.66	1000	PASS
n77(3450-3550)	30	20	636000	25@12	CP_256QAM	13.9	-0.02	13.88	24.43	1000	PASS
n77(3450-3550)	30	20	636000	1@1	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n77(3450-3550)	30	20	636000	1@49	CP_256QAM	13.68	-0.02	13.66	23.23	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	19.97	-0.02	19.95	98.86	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	20.49	-0.02	20.47	111.43	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	20.64	-0.02	20.62	115.35	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	20.31	-0.02	20.29	106.91	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	19.59	-0.02	19.57	90.57	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	20.45	-0.02	20.43	110.41	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	20.65	-0.02	20.63	115.61	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	20.31	-0.02	20.29	106.91	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_16QAM	18.57	-0.02	18.55	71.61	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_16QAM	19.55	-0.02	19.53	89.74	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_16QAM	19.77	-0.02	19.75	94.41	1000	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_16QAM	19.53	-0.02	19.51	89.33	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_64QAM	18.06	-0.02	18.04	63.68	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_64QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_64QAM	18.32	-0.02	18.3	67.61	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_64QAM	18.05	-0.02	18.03	63.53	1000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_256QAM	16.04	-0.02	16.02	39.99	1000	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_256QAM	16.04	-0.02	16.02	39.99	1000	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_256QAM	16.08	-0.02	16.06	40.36	1000	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_256QAM	15.82	-0.02	15.8	38.02	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	17.53	-0.02	17.51	56.36	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	19.02	-0.02	19	79.43	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	19.35	-0.02	19.33	85.7	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	19.04	-0.02	19.02	79.8	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_16QAM	17.52	-0.02	17.5	56.23	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_16QAM	18.53	-0.02	18.51	70.96	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_16QAM	18.63	-0.02	18.61	72.61	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_64QAM	17.05	-0.02	17.03	50.47	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_64QAM	17.07	-0.02	17.05	50.7	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_64QAM	17.08	-0.02	17.06	50.82	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_64QAM	16.8	-0.02	16.78	47.64	1000	PASS
n77(3450-3550)	30	40	631334	106@0	CP_256QAM	14.06	-0.02	14.04	25.35	1000	PASS
n77(3450-3550)	30	40	631334	53@26	CP_256QAM	14.06	-0.02	14.04	25.35	1000	PASS
n77(3450-3550)	30	40	631334	1@1	CP_256QAM	14.13	-0.02	14.11	25.76	1000	PASS
n77(3450-3550)	30	40	631334	1@104	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	20.34	-0.02	20.32	107.65	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	20.14	-0.02	20.12	102.8	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	19.51	-0.02	19.49	88.92	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	20.33	-0.02	20.31	107.4	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	20.41	-0.02	20.39	109.4	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	20.18	-0.02	20.16	103.75	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_16QAM	18.47	-0.02	18.45	69.98	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_16QAM	19.45	-0.02	19.43	87.7	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_16QAM	19.64	-0.02	19.62	91.62	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_64QAM	17.96	-0.02	17.94	62.23	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_64QAM	18.14	-0.02	18.12	64.86	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_64QAM	17.9	-0.02	17.88	61.38	1000	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS

n77(3450-3550)	30	40	633334	1@1	DFT_256QAM	15.92	-0.02	15.9	38.9	1000	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_256QAM	15.7	-0.02	15.68	36.98	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	17.43	-0.02	17.41	55.08	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	18.95	-0.02	18.93	78.16	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	19.18	-0.02	19.16	82.41	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_16QAM	17.43	-0.02	17.41	55.08	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_16QAM	18.3	-0.02	18.28	67.3	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_64QAM	16.99	-0.02	16.97	49.77	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_64QAM	16.73	-0.02	16.71	46.88	1000	PASS
n77(3450-3550)	30	40	633334	106@0	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n77(3450-3550)	30	40	633334	53@26	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	40	633334	1@1	CP_256QAM	13.98	-0.02	13.96	24.89	1000	PASS
n77(3450-3550)	30	40	633334	1@104	CP_256QAM	13.77	-0.02	13.75	23.71	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	19.7	-0.02	19.68	92.9	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	20.2	-0.02	20.18	104.23	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	20.21	-0.02	20.19	104.47	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	19.98	-0.02	19.96	99.08	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	19.33	-0.02	19.31	85.31	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	20.2	-0.02	20.18	104.23	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	20.22	-0.02	20.2	104.71	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	20.02	-0.02	20	100	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_16QAM	19.32	-0.02	19.3	85.11	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_16QAM	19.41	-0.02	19.39	86.9	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_16QAM	19.19	-0.02	19.17	82.6	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_64QAM	17.78	-0.02	17.76	59.7	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_64QAM	17.82	-0.02	17.8	60.26	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_64QAM	17.7	-0.02	17.68	58.61	1000	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_256QAM	15.78	-0.02	15.76	37.67	1000	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_256QAM	15.81	-0.02	15.79	37.93	1000	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_256QAM	15.7	-0.02	15.68	36.98	1000	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_256QAM	15.46	-0.02	15.44	34.99	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	17.25	-0.02	17.23	52.84	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	18.82	-0.02	18.8	75.86	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	18.91	-0.02	18.89	77.45	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	18.69	-0.02	18.67	73.62	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_16QAM	17.24	-0.02	17.22	52.72	1000	PASS

n77(3450-3550)	30	40	635332	53@26	CP_16QAM	18.27	-0.02	18.25	66.83	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_16QAM	18.25	-0.02	18.23	66.53	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_16QAM	18.03	-0.02	18.01	63.24	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_64QAM	16.76	-0.02	16.74	47.21	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_64QAM	16.66	-0.02	16.64	46.13	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_64QAM	16.47	-0.02	16.45	44.16	1000	PASS
n77(3450-3550)	30	40	635332	106@0	CP_256QAM	13.73	-0.02	13.71	23.5	1000	PASS
n77(3450-3550)	30	40	635332	53@26	CP_256QAM	13.82	-0.02	13.8	23.99	1000	PASS
n77(3450-3550)	30	40	635332	1@1	CP_256QAM	13.75	-0.02	13.73	23.6	1000	PASS
n77(3450-3550)	30	40	635332	1@104	CP_256QAM	13.55	-0.02	13.53	22.54	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	20.41	-0.02	20.39	109.4	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	20.57	-0.02	20.55	113.5	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	20.2	-0.02	20.18	104.23	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	19.53	-0.02	19.51	89.33	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	20.57	-0.02	20.55	113.5	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	20.2	-0.02	20.18	104.23	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_16QAM	18.5	-0.02	18.48	70.47	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_16QAM	19.46	-0.02	19.44	87.9	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_16QAM	19.7	-0.02	19.68	92.9	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_16QAM	19.4	-0.02	19.38	86.7	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_64QAM	18	-0.02	17.98	62.81	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_64QAM	18	-0.02	17.98	62.81	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_64QAM	18.22	-0.02	18.2	66.07	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_64QAM	17.85	-0.02	17.83	60.67	1000	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_256QAM	16.02	-0.02	16	39.81	1000	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_256QAM	16	-0.02	15.98	39.63	1000	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_256QAM	16.03	-0.02	16.01	39.9	1000	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_256QAM	15.69	-0.02	15.67	36.9	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	17.47	-0.02	17.45	55.59	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	18.97	-0.02	18.95	78.52	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	19.24	-0.02	19.22	83.56	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	18.95	-0.02	18.93	78.16	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_16QAM	17.46	-0.02	17.44	55.46	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_16QAM	18.44	-0.02	18.42	69.5	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_16QAM	18.6	-0.02	18.58	72.11	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_16QAM	18.27	-0.02	18.25	66.83	1000	PASS
n77(3450-3550)	30	50	631668	133@0	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_64QAM	16.99	-0.02	16.97	49.77	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_64QAM	17.02	-0.02	17	50.12	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_64QAM	16.69	-0.02	16.67	46.45	1000	PASS

n77(3450-3550)	30	50	631668	133@0	CP_256QAM	13.99	-0.02	13.97	24.95	1000	PASS
n77(3450-3550)	30	50	631668	67@33	CP_256QAM	13.99	-0.02	13.97	24.95	1000	PASS
n77(3450-3550)	30	50	631668	1@1	CP_256QAM	14.05	-0.02	14.03	25.29	1000	PASS
n77(3450-3550)	30	50	631668	1@131	CP_256QAM	13.72	-0.02	13.7	23.44	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	20.33	-0.02	20.31	107.4	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	20.36	-0.02	20.34	108.14	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	20.16	-0.02	20.14	103.28	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	20.35	-0.02	20.33	107.89	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	20.37	-0.02	20.35	108.39	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	20.21	-0.02	20.19	104.47	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_16QAM	18.45	-0.02	18.43	69.66	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_16QAM	19.44	-0.02	19.42	87.5	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_16QAM	19.54	-0.02	19.52	89.54	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_16QAM	19.36	-0.02	19.34	85.9	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_64QAM	17.92	-0.02	17.9	61.66	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_64QAM	17.96	-0.02	17.94	62.23	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_64QAM	18.07	-0.02	18.05	63.83	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_256QAM	15.97	-0.02	15.95	39.36	1000	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_256QAM	15.91	-0.02	15.89	38.82	1000	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_256QAM	15.73	-0.02	15.71	37.24	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	17.42	-0.02	17.4	54.95	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	18.92	-0.02	18.9	77.62	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	19.13	-0.02	19.11	81.47	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	18.92	-0.02	18.9	77.62	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_16QAM	17.4	-0.02	17.38	54.7	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_16QAM	18.48	-0.02	18.46	70.15	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_16QAM	18.23	-0.02	18.21	66.22	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_64QAM	16.85	-0.02	16.83	48.19	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_64QAM	16.65	-0.02	16.63	46.03	1000	PASS
n77(3450-3550)	30	50	633334	133@0	CP_256QAM	13.92	-0.02	13.9	24.55	1000	PASS
n77(3450-3550)	30	50	633334	67@33	CP_256QAM	13.9	-0.02	13.88	24.43	1000	PASS
n77(3450-3550)	30	50	633334	1@1	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n77(3450-3550)	30	50	633334	1@131	CP_256QAM	13.74	-0.02	13.72	23.55	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	19.74	-0.02	19.72	93.76	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	20.23	-0.02	20.21	104.95	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	20.25	-0.02	20.23	105.44	1000	PASS

n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	20	-0.02	19.98	99.54	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	19.32	-0.02	19.3	85.11	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	20.23	-0.02	20.21	104.95	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	20.27	-0.02	20.25	105.93	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	19.99	-0.02	19.97	99.31	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_16QAM	18.32	-0.02	18.3	67.61	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_16QAM	19.3	-0.02	19.28	84.72	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_16QAM	19.16	-0.02	19.14	82.04	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_64QAM	17.78	-0.02	17.76	59.7	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_64QAM	17.65	-0.02	17.63	57.94	1000	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_256QAM	15.83	-0.02	15.81	38.11	1000	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_256QAM	15.77	-0.02	15.75	37.58	1000	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_256QAM	15.47	-0.02	15.45	35.08	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	17.27	-0.02	17.25	53.09	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	18.77	-0.02	18.75	74.99	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	18.67	-0.02	18.65	73.28	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_16QAM	17.23	-0.02	17.21	52.6	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_16QAM	18.28	-0.02	18.26	66.99	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_16QAM	18.04	-0.02	18.02	63.39	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_64QAM	16.73	-0.02	16.71	46.88	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_64QAM	16.82	-0.02	16.8	47.86	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_64QAM	16.78	-0.02	16.76	47.42	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_64QAM	16.46	-0.02	16.44	44.06	1000	PASS
n77(3450-3550)	30	50	635000	133@0	CP_256QAM	13.8	-0.02	13.78	23.88	1000	PASS
n77(3450-3550)	30	50	635000	67@33	CP_256QAM	13.82	-0.02	13.8	23.99	1000	PASS
n77(3450-3550)	30	50	635000	1@1	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n77(3450-3550)	30	50	635000	1@131	CP_256QAM	13.56	-0.02	13.54	22.59	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	20.61	-0.02	20.59	114.55	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	20.12	-0.02	20.1	102.33	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	19.49	-0.02	19.47	88.51	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	20.68	-0.02	20.66	116.41	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	20.16	-0.02	20.14	103.28	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_16QAM	18.43	-0.02	18.41	69.34	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_16QAM	19.45	-0.02	19.43	87.7	1000	PASS

n77(3450-3550)	30	60	632000	1@1	DFT_16QAM	19.81	-0.02	19.79	95.28	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_16QAM	19.36	-0.02	19.34	85.9	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_64QAM	17.95	-0.02	17.93	62.09	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_64QAM	18.28	-0.02	18.26	66.99	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_64QAM	17.84	-0.02	17.82	60.53	1000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_256QAM	16	-0.02	15.98	39.63	1000	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_256QAM	15.62	-0.02	15.6	36.31	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	17.4	-0.02	17.38	54.7	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	18.9	-0.02	18.88	77.27	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	19.33	-0.02	19.31	85.31	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_16QAM	17.4	-0.02	17.38	54.7	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_16QAM	18.42	-0.02	18.4	69.18	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_16QAM	18.66	-0.02	18.64	73.11	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_16QAM	18.24	-0.02	18.22	66.37	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_64QAM	16.91	-0.02	16.89	48.87	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_64QAM	16.93	-0.02	16.91	49.09	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_64QAM	17.06	-0.02	17.04	50.58	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_64QAM	16.65	-0.02	16.63	46.03	1000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_256QAM	13.93	-0.02	13.91	24.6	1000	PASS
n77(3450-3550)	30	60	632000	81@40	CP_256QAM	13.93	-0.02	13.91	24.6	1000	PASS
n77(3450-3550)	30	60	632000	1@1	CP_256QAM	14.13	-0.02	14.11	25.76	1000	PASS
n77(3450-3550)	30	60	632000	1@160	CP_256QAM	13.66	-0.02	13.64	23.12	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	19.85	-0.02	19.83	96.16	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	20.35	-0.02	20.33	107.89	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	20.44	-0.02	20.42	110.15	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	20.18	-0.02	20.16	103.75	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	19.45	-0.02	19.43	87.7	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	20.32	-0.02	20.3	107.15	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	20.49	-0.02	20.47	111.43	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	20.22	-0.02	20.2	104.71	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_16QAM	19.39	-0.02	19.37	86.5	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_16QAM	19.63	-0.02	19.61	91.41	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_64QAM	17.9	-0.02	17.88	61.38	1000	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_64QAM	18.11	-0.02	18.09	64.42	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_256QAM	15.91	-0.02	15.89	38.82	1000	PASS

n77(3450-3550)	30	60	633334	81@40	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_256QAM	15.64	-0.02	15.62	36.48	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	17.37	-0.02	17.35	54.33	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	19.15	-0.02	19.13	81.85	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	18.97	-0.02	18.95	78.52	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_16QAM	17.38	-0.02	17.36	54.45	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_16QAM	18.34	-0.02	18.32	67.92	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_16QAM	18.48	-0.02	18.46	70.15	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_64QAM	16.71	-0.02	16.69	46.67	1000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_256QAM	13.9	-0.02	13.88	24.43	1000	PASS
n77(3450-3550)	30	60	633334	81@40	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n77(3450-3550)	30	60	633334	1@1	CP_256QAM	13.98	-0.02	13.96	24.89	1000	PASS
n77(3450-3550)	30	60	633334	1@160	CP_256QAM	13.79	-0.02	13.77	23.82	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	19.75	-0.02	19.73	93.97	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	20.24	-0.02	20.22	105.2	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	20.37	-0.02	20.35	108.39	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	19.99	-0.02	19.97	99.31	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	19.33	-0.02	19.31	85.31	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	20.2	-0.02	20.18	104.23	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	20.38	-0.02	20.36	108.64	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	20.05	-0.02	20.03	100.69	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_16QAM	18.28	-0.02	18.26	66.99	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_16QAM	19.62	-0.02	19.6	91.2	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_16QAM	19.22	-0.02	19.2	83.18	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_64QAM	17.79	-0.02	17.77	59.84	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_64QAM	18.09	-0.02	18.07	64.12	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_64QAM	17.72	-0.02	17.7	58.88	1000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_256QAM	15.81	-0.02	15.79	37.93	1000	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_256QAM	15.45	-0.02	15.43	34.91	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	17.27	-0.02	17.25	53.09	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	18.78	-0.02	18.76	75.16	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	19.11	-0.02	19.09	81.1	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	18.72	-0.02	18.7	74.13	1000	PASS

n77(3450-3550)	30	60	634666	162@0	CP_16QAM	17.26	-0.02	17.24	52.97	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_16QAM	18.25	-0.02	18.23	66.53	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_16QAM	18.47	-0.02	18.45	69.98	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_16QAM	18.06	-0.02	18.04	63.68	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_64QAM	16.75	-0.02	16.73	47.1	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_64QAM	16.8	-0.02	16.78	47.64	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_64QAM	16.49	-0.02	16.47	44.36	1000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_256QAM	13.76	-0.02	13.74	23.66	1000	PASS
n77(3450-3550)	30	60	634666	81@40	CP_256QAM	13.79	-0.02	13.77	23.82	1000	PASS
n77(3450-3550)	30	60	634666	1@1	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	60	634666	1@160	CP_256QAM	13.53	-0.02	13.51	22.44	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	20.43	-0.02	20.41	109.9	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	20.11	-0.02	20.09	102.09	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	20.42	-0.02	20.4	109.65	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	20.58	-0.02	20.56	113.76	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_16QAM	19.53	-0.02	19.51	89.33	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_16QAM	19.75	-0.02	19.73	93.97	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_16QAM	19.25	-0.02	19.23	83.75	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_64QAM	17.98	-0.02	17.96	62.52	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_64QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_64QAM	18.21	-0.02	18.19	65.92	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_64QAM	17.75	-0.02	17.73	59.29	1000	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_256QAM	16.02	-0.02	16	39.81	1000	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_256QAM	16	-0.02	15.98	39.63	1000	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_256QAM	15.49	-0.02	15.47	35.24	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	17.46	-0.02	17.44	55.46	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	18.98	-0.02	18.96	78.7	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	19.24	-0.02	19.22	83.56	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	18.8	-0.02	18.78	75.51	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_16QAM	17.45	-0.02	17.43	55.34	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_16QAM	18.47	-0.02	18.45	69.98	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_16QAM	18.61	-0.02	18.59	72.28	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_16QAM	18.12	-0.02	18.1	64.57	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_64QAM	17	-0.02	16.98	49.89	1000	PASS

n77(3450-3550)	30	70	632334	1@187	CP_64QAM	16.57	-0.02	16.55	45.19	1000	PASS
n77(3450-3550)	30	70	632334	189@0	CP_256QAM	13.97	-0.02	13.95	24.83	1000	PASS
n77(3450-3550)	30	70	632334	95@47	CP_256QAM	14.02	-0.02	14	25.12	1000	PASS
n77(3450-3550)	30	70	632334	1@1	CP_256QAM	14.05	-0.02	14.03	25.29	1000	PASS
n77(3450-3550)	30	70	632334	1@187	CP_256QAM	13.61	-0.02	13.59	22.86	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	19.91	-0.02	19.89	97.5	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	20.45	-0.02	20.43	110.41	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	20.07	-0.02	20.05	101.16	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	19.46	-0.02	19.44	87.9	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	20.39	-0.02	20.37	108.89	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	20.5	-0.02	20.48	111.69	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_16QAM	18.45	-0.02	18.43	69.66	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_16QAM	19.47	-0.02	19.45	88.1	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_16QAM	19.64	-0.02	19.62	91.62	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_16QAM	19.29	-0.02	19.27	84.53	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_64QAM	17.96	-0.02	17.94	62.23	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_64QAM	17.98	-0.02	17.96	62.52	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_64QAM	18.11	-0.02	18.09	64.42	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_64QAM	17.78	-0.02	17.76	59.7	1000	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_256QAM	15.99	-0.02	15.97	39.54	1000	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_256QAM	15.86	-0.02	15.84	38.37	1000	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_256QAM	15.56	-0.02	15.54	35.81	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	17.42	-0.02	17.4	54.95	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	19.18	-0.02	19.16	82.41	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	18.8	-0.02	18.78	75.51	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_16QAM	17.42	-0.02	17.4	54.95	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_16QAM	18.45	-0.02	18.43	69.66	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_16QAM	18.17	-0.02	18.15	65.31	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_64QAM	16.6	-0.02	16.58	45.5	1000	PASS
n77(3450-3550)	30	70	633334	189@0	CP_256QAM	13.94	-0.02	13.92	24.66	1000	PASS
n77(3450-3550)	30	70	633334	95@47	CP_256QAM	13.98	-0.02	13.96	24.89	1000	PASS
n77(3450-3550)	30	70	633334	1@1	CP_256QAM	14.01	-0.02	13.99	25.06	1000	PASS
n77(3450-3550)	30	70	633334	1@187	CP_256QAM	13.62	-0.02	13.6	22.91	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	20.33	-0.02	20.31	107.4	1000	PASS

n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	20.47	-0.02	20.45	110.92	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	19.91	-0.02	19.89	97.5	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	19.45	-0.02	19.43	87.7	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	20.52	-0.02	20.5	112.2	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	19.98	-0.02	19.96	99.08	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_16QAM	18.42	-0.02	18.4	69.18	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_16QAM	19.44	-0.02	19.42	87.5	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_16QAM	19.63	-0.02	19.61	91.41	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_16QAM	19.13	-0.02	19.11	81.47	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_64QAM	18.15	-0.02	18.13	65.01	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_64QAM	17.59	-0.02	17.57	57.15	1000	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_256QAM	15.89	-0.02	15.87	38.64	1000	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_256QAM	15.37	-0.02	15.35	34.28	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	17.38	-0.02	17.36	54.45	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	18.91	-0.02	18.89	77.45	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	19.16	-0.02	19.14	82.04	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	18.65	-0.02	18.63	72.95	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_16QAM	17.36	-0.02	17.34	54.2	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n77(3450-3550)	30	70	634332	189@0	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n77(3450-3550)	30	70	634332	95@47	CP_256QAM	13.9	-0.02	13.88	24.43	1000	PASS
n77(3450-3550)	30	70	634332	1@1	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	70	634332	1@187	CP_256QAM	13.44	-0.02	13.42	21.98	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	19.96	-0.02	19.94	98.63	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	20.49	-0.02	20.47	111.43	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	20.7	-0.02	20.68	116.95	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	20.16	-0.02	20.14	103.28	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	19.54	-0.02	19.52	89.54	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	20.71	-0.02	20.69	117.22	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	20.22	-0.02	20.2	104.71	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_16QAM	18.49	-0.02	18.47	70.31	1000	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_16QAM	19.52	-0.02	19.5	89.13	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_16QAM	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_16QAM	19.35	-0.02	19.33	85.7	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_64QAM	17.99	-0.02	17.97	62.66	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_64QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_64QAM	18.38	-0.02	18.36	68.55	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_256QAM	16.01	-0.02	15.99	39.72	1000	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_256QAM	16.02	-0.02	16	39.81	1000	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_256QAM	16.18	-0.02	16.16	41.3	1000	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_256QAM	15.65	-0.02	15.63	36.56	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	17.47	-0.02	17.45	55.59	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	19	-0.02	18.98	79.07	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	19.37	-0.02	19.35	86.1	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	18.88	-0.02	18.86	76.91	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_16QAM	17.48	-0.02	17.46	55.72	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_16QAM	18.46	-0.02	18.44	69.82	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_16QAM	18.67	-0.02	18.65	73.28	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_16QAM	18.21	-0.02	18.19	65.92	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_64QAM	17.01	-0.02	16.99	50	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_64QAM	17	-0.02	16.98	49.89	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_64QAM	17.12	-0.02	17.1	51.29	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_64QAM	16.65	-0.02	16.63	46.03	1000	PASS
n77(3450-3550)	30	80	632668	217@0	CP_256QAM	14.03	-0.02	14.01	25.18	1000	PASS
n77(3450-3550)	30	80	632668	109@54	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n77(3450-3550)	30	80	632668	1@1	CP_256QAM	14.24	-0.02	14.22	26.42	1000	PASS
n77(3450-3550)	30	80	632668	1@215	CP_256QAM	13.72	-0.02	13.7	23.44	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	19.88	-0.02	19.86	96.83	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	20.41	-0.02	20.39	109.4	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	20.57	-0.02	20.55	113.5	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	20.02	-0.02	20	100	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	20.4	-0.02	20.38	109.14	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	20.61	-0.02	20.59	114.55	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	20.03	-0.02	20.01	100.23	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_16QAM	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_16QAM	19.73	-0.02	19.71	93.54	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_16QAM	19.24	-0.02	19.22	83.56	1000	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_64QAM	18	-0.02	17.98	62.81	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_64QAM	18.24	-0.02	18.22	66.37	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_64QAM	17.76	-0.02	17.74	59.43	1000	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_256QAM	16.01	-0.02	15.99	39.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_256QAM	16.02	-0.02	16	39.81	1000	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_256QAM	15.55	-0.02	15.53	35.73	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	17.38	-0.02	17.36	54.45	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	19.26	-0.02	19.24	83.95	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	18.8	-0.02	18.78	75.51	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_16QAM	17.41	-0.02	17.39	54.83	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_16QAM	18.44	-0.02	18.42	69.5	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_16QAM	18.58	-0.02	18.56	71.78	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_16QAM	18.08	-0.02	18.06	63.97	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_64QAM	16.97	-0.02	16.95	49.55	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_64QAM	17.03	-0.02	17.01	50.23	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_64QAM	16.52	-0.02	16.5	44.67	1000	PASS
n77(3450-3550)	30	80	633334	217@0	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n77(3450-3550)	30	80	633334	109@54	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n77(3450-3550)	30	80	633334	1@1	CP_256QAM	14.1	-0.02	14.08	25.59	1000	PASS
n77(3450-3550)	30	80	633334	1@215	CP_256QAM	13.52	-0.02	13.5	22.39	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	20.33	-0.02	20.31	107.4	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	20.52	-0.02	20.5	112.2	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	19.4	-0.02	19.38	86.7	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	20.33	-0.02	20.31	107.4	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	20.52	-0.02	20.5	112.2	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	19.98	-0.02	19.96	99.08	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_16QAM	18.35	-0.02	18.33	68.08	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_16QAM	19.44	-0.02	19.42	87.5	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_16QAM	19.61	-0.02	19.59	90.99	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_16QAM	19.15	-0.02	19.13	81.85	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_64QAM	17.85	-0.02	17.83	60.67	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_64QAM	18.15	-0.02	18.13	65.01	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_64QAM	17.66	-0.02	17.64	58.08	1000	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_256QAM	15.9	-0.02	15.88	38.73	1000	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_256QAM	15.44	-0.02	15.42	34.83	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	17.36	-0.02	17.34	54.2	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	18.89	-0.02	18.87	77.09	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	19.12	-0.02	19.1	81.28	1000	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QPSK	18.66	-0.02	18.64	73.11	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_16QAM	17.35	-0.02	17.33	54.08	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_16QAM	18.43	-0.02	18.41	69.34	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_64QAM	16.91	-0.02	16.89	48.87	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n77(3450-3550)	30	80	634000	217@0	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n77(3450-3550)	30	80	634000	109@54	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n77(3450-3550)	30	80	634000	1@1	CP_256QAM	14	-0.02	13.98	25	1000	PASS
n77(3450-3550)	30	80	634000	1@215	CP_256QAM	13.57	-0.02	13.55	22.65	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_BPSK	19.87	-0.02	19.85	96.61	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	20.41	-0.02	20.39	109.4	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	20.58	-0.02	20.56	113.76	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_QPSK	19.44	-0.02	19.42	87.5	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	20.38	-0.02	20.36	108.64	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	20.63	-0.02	20.61	115.08	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	19.99	-0.02	19.97	99.31	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_16QAM	18.39	-0.02	18.37	68.71	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_16QAM	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_16QAM	19.73	-0.02	19.71	93.54	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_16QAM	19.15	-0.02	19.13	81.85	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_64QAM	18.22	-0.02	18.2	66.07	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_64QAM	17.67	-0.02	17.65	58.21	1000	PASS
n77(3450-3550)	30	90	633000	243@0	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_256QAM	16.05	-0.02	16.03	40.09	1000	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_256QAM	15.46	-0.02	15.44	34.99	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	17.39	-0.02	17.37	54.58	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	18.93	-0.02	18.91	77.8	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	19.31	-0.02	19.29	84.92	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	18.71	-0.02	18.69	73.96	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_16QAM	17.37	-0.02	17.35	54.33	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_16QAM	18.4	-0.02	18.38	68.87	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_16QAM	18.61	-0.02	18.59	72.28	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS

n77(3450-3550)	30	90	633000	1@1	CP_64QAM	17	-0.02	16.98	49.89	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n77(3450-3550)	30	90	633000	245@0	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n77(3450-3550)	30	90	633000	123@61	CP_256QAM	13.94	-0.02	13.92	24.66	1000	PASS
n77(3450-3550)	30	90	633000	1@1	CP_256QAM	14.08	-0.02	14.06	25.47	1000	PASS
n77(3450-3550)	30	90	633000	1@243	CP_256QAM	13.49	-0.02	13.47	22.23	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_BPSK	19.91	-0.02	19.89	97.5	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	20.43	-0.02	20.41	109.9	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	20.57	-0.02	20.55	113.5	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	19.97	-0.02	19.95	98.86	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_QPSK	19.43	-0.02	19.41	87.3	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	20.39	-0.02	20.37	108.89	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	20.59	-0.02	20.57	114.02	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	19.99	-0.02	19.97	99.31	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_16QAM	18.42	-0.02	18.4	69.18	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_16QAM	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_16QAM	19.71	-0.02	19.69	93.11	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_16QAM	19.14	-0.02	19.12	81.66	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_64QAM	17.93	-0.02	17.91	61.8	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_64QAM	18.25	-0.02	18.23	66.53	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_64QAM	17.68	-0.02	17.66	58.34	1000	PASS
n77(3450-3550)	30	90	633334	243@0	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_256QAM	16.01	-0.02	15.99	39.72	1000	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_256QAM	16.02	-0.02	16	39.81	1000	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_256QAM	15.47	-0.02	15.45	35.08	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	17.37	-0.02	17.35	54.33	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	18.91	-0.02	18.89	77.45	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	19.29	-0.02	19.27	84.53	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	18.69	-0.02	18.67	73.62	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_16QAM	17.37	-0.02	17.35	54.33	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_16QAM	18.43	-0.02	18.41	69.34	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_16QAM	18.61	-0.02	18.59	72.28	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_16QAM	17.99	-0.02	17.97	62.66	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_64QAM	17	-0.02	16.98	49.89	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n77(3450-3550)	30	90	633334	245@0	CP_256QAM	13.92	-0.02	13.9	24.55	1000	PASS
n77(3450-3550)	30	90	633334	123@61	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	90	633334	1@1	CP_256QAM	14.14	-0.02	14.12	25.82	1000	PASS
n77(3450-3550)	30	90	633334	1@243	CP_256QAM	13.53	-0.02	13.51	22.44	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_BPSK	19.89	-0.02	19.87	97.05	1000	PASS

n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	20.42	-0.02	20.4	109.65	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	19.95	-0.02	19.93	98.4	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_QPSK	19.44	-0.02	19.42	87.5	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	20.39	-0.02	20.37	108.89	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	20.62	-0.02	20.6	114.82	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	19.96	-0.02	19.94	98.63	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_16QAM	18.42	-0.02	18.4	69.18	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_16QAM	19.5	-0.02	19.48	88.72	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_16QAM	19.72	-0.02	19.7	93.33	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_16QAM	19.14	-0.02	19.12	81.66	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_64QAM	18.27	-0.02	18.25	66.83	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_64QAM	17.68	-0.02	17.66	58.34	1000	PASS
n77(3450-3550)	30	90	633666	243@0	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_256QAM	16.03	-0.02	16.01	39.9	1000	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_256QAM	16.04	-0.02	16.02	39.99	1000	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_256QAM	15.39	-0.02	15.37	34.43	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	17.36	-0.02	17.34	54.2	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	18.95	-0.02	18.93	78.16	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	19.27	-0.02	19.25	84.14	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	18.72	-0.02	18.7	74.13	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_16QAM	17.35	-0.02	17.33	54.08	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_16QAM	18.44	-0.02	18.42	69.5	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_16QAM	18.6	-0.02	18.58	72.11	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_16QAM	18.04	-0.02	18.02	63.39	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_64QAM	16.9	-0.02	16.88	48.75	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_64QAM	17.02	-0.02	17	50.12	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_64QAM	16.49	-0.02	16.47	44.36	1000	PASS
n77(3450-3550)	30	90	633666	245@0	CP_256QAM	13.94	-0.02	13.92	24.66	1000	PASS
n77(3450-3550)	30	90	633666	123@61	CP_256QAM	13.96	-0.02	13.94	24.77	1000	PASS
n77(3450-3550)	30	90	633666	1@1	CP_256QAM	14.1	-0.02	14.08	25.59	1000	PASS
n77(3450-3550)	30	90	633666	1@243	CP_256QAM	13.55	-0.02	13.53	22.54	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20.38	-0.02	20.36	108.64	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	20.65	-0.02	20.63	115.61	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	19.92	-0.02	19.9	97.72	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	19.4	-0.02	19.38	86.7	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20.37	-0.02	20.35	108.39	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	20.68	-0.02	20.66	116.41	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	19.98	-0.02	19.96	99.08	1000	PASS

n77(3450-3550)	30	100	633334	270@0	DFT_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_16QAM	19.48	-0.02	19.46	88.31	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_16QAM	19.83	-0.02	19.81	95.72	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_16QAM	19.11	-0.02	19.09	81.1	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_64QAM	17.89	-0.02	17.87	61.24	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_64QAM	18.3	-0.02	18.28	67.3	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_64QAM	17.6	-0.02	17.58	57.28	1000	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_256QAM	15.98	-0.02	15.96	39.45	1000	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_256QAM	16.12	-0.02	16.1	40.74	1000	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_256QAM	15.4	-0.02	15.38	34.51	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	17.39	-0.02	17.37	54.58	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	18.92	-0.02	18.9	77.62	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	19.3	-0.02	19.28	84.72	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	18.62	-0.02	18.6	72.44	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_16QAM	17.39	-0.02	17.37	54.58	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_16QAM	18.64	-0.02	18.62	72.78	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_16QAM	17.92	-0.02	17.9	61.66	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_64QAM	16.91	-0.02	16.89	48.87	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_64QAM	16.92	-0.02	16.9	48.98	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_64QAM	17.05	-0.02	17.03	50.47	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_64QAM	16.38	-0.02	16.36	43.25	1000	PASS
n77(3450-3550)	30	100	633334	273@0	CP_256QAM	13.92	-0.02	13.9	24.55	1000	PASS
n77(3450-3550)	30	100	633334	137@68	CP_256QAM	13.97	-0.02	13.95	24.83	1000	PASS
n77(3450-3550)	30	100	633334	1@1	CP_256QAM	14.13	-0.02	14.11	25.76	1000	PASS
n77(3450-3550)	30	100	633334	1@271	CP_256QAM	13.38	-0.02	13.36	21.68	1000	PASS

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	GT - Lc (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
n78(3450-3550)	30	10	630334	24@0	DFT_BPSK	20.04	-0.02	20.02	100.46	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_BPSK	20.53	-0.02	20.51	112.46	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_QPSK	19.52	-0.02	19.50	89.13	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_QPSK	20.57	-0.02	20.55	113.50	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_QPSK	20.56	-0.02	20.54	113.24	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_QPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_16QAM	18.52	-0.02	18.50	70.79	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_16QAM	19.48	-0.02	19.46	88.31	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_16QAM	19.69	-0.02	19.67	92.68	1000	PASS

n78(3450-3550)	30	10	630334	1@22	DFT_16QAM	19.58	-0.02	19.56	90.36	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_64QAM	18.03	-0.02	18.01	63.24	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_64QAM	18.10	-0.02	18.08	64.27	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_64QAM	18.16	-0.02	18.14	65.16	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_64QAM	18.04	-0.02	18.02	63.39	1000	PASS
n78(3450-3550)	30	10	630334	24@0	DFT_256QAM	16.03	-0.02	16.01	39.90	1000	PASS
n78(3450-3550)	30	10	630334	12@6	DFT_256QAM	16.15	-0.02	16.13	41.02	1000	PASS
n78(3450-3550)	30	10	630334	1@1	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n78(3450-3550)	30	10	630334	1@22	DFT_256QAM	15.85	-0.02	15.83	38.28	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_QPSK	17.50	-0.02	17.48	55.98	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_QPSK	18.91	-0.02	18.89	77.45	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_QPSK	19.27	-0.02	19.25	84.14	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_QPSK	19.17	-0.02	19.15	82.22	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_16QAM	17.42	-0.02	17.40	54.95	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_16QAM	18.73	-0.02	18.71	74.30	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_16QAM	18.74	-0.02	18.72	74.47	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_16QAM	18.61	-0.02	18.59	72.28	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_64QAM	17.05	-0.02	17.03	50.47	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_64QAM	17.10	-0.02	17.08	51.05	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_64QAM	16.99	-0.02	16.97	49.77	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	10	630334	24@0	CP_256QAM	14.01	-0.02	13.99	25.06	1000	PASS
n78(3450-3550)	30	10	630334	12@6	CP_256QAM	14.07	-0.02	14.05	25.41	1000	PASS
n78(3450-3550)	30	10	630334	1@1	CP_256QAM	13.97	-0.02	13.95	24.83	1000	PASS
n78(3450-3550)	30	10	630334	1@22	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_BPSK	19.87	-0.02	19.85	96.61	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_BPSK	20.28	-0.02	20.26	106.17	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_BPSK	20.26	-0.02	20.24	105.68	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_BPSK	20.16	-0.02	20.14	103.28	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_QPSK	19.31	-0.02	19.29	84.92	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_QPSK	20.33	-0.02	20.31	107.40	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_QPSK	20.26	-0.02	20.24	105.68	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_QPSK	20.19	-0.02	20.17	103.99	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_16QAM	19.31	-0.02	19.29	84.92	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_16QAM	19.44	-0.02	19.42	87.50	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_16QAM	19.34	-0.02	19.32	85.51	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n78(3450-3550)	30	10	633334	1@1	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n78(3450-3550)	30	10	633334	24@0	DFT_256QAM	15.80	-0.02	15.78	37.84	1000	PASS
n78(3450-3550)	30	10	633334	12@6	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS

n78(3450-3550)	30	10	633334	1@1	DFT_256QAM	15.71	-0.02	15.69	37.07	1000	PASS
n78(3450-3550)	30	10	633334	1@22	DFT_256QAM	15.61	-0.02	15.59	36.22	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_QPSK	17.29	-0.02	17.27	53.33	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_QPSK	18.73	-0.02	18.71	74.30	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_QPSK	19.11	-0.02	19.09	81.10	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_16QAM	17.27	-0.02	17.25	53.09	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_16QAM	18.50	-0.02	18.48	70.47	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_16QAM	18.49	-0.02	18.47	70.31	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_64QAM	16.74	-0.02	16.72	46.99	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_64QAM	16.66	-0.02	16.64	46.13	1000	PASS
n78(3450-3550)	30	10	633334	24@0	CP_256QAM	13.82	-0.02	13.80	23.99	1000	PASS
n78(3450-3550)	30	10	633334	12@6	CP_256QAM	13.83	-0.02	13.81	24.04	1000	PASS
n78(3450-3550)	30	10	633334	1@1	CP_256QAM	13.76	-0.02	13.74	23.66	1000	PASS
n78(3450-3550)	30	10	633334	1@22	CP_256QAM	13.73	-0.02	13.71	23.50	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_BPSK	19.71	-0.02	19.69	93.11	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_BPSK	20.15	-0.02	20.13	103.04	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_BPSK	20.06	-0.02	20.04	100.93	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_BPSK	20.10	-0.02	20.08	101.86	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_QPSK	19.21	-0.02	19.19	82.99	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_QPSK	20.16	-0.02	20.14	103.28	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_QPSK	20.12	-0.02	20.10	102.33	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_16QAM	18.24	-0.02	18.22	66.37	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_16QAM	19.25	-0.02	19.23	83.75	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_16QAM	19.31	-0.02	19.29	84.92	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_16QAM	19.31	-0.02	19.29	84.92	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_64QAM	17.78	-0.02	17.76	59.70	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_64QAM	17.75	-0.02	17.73	59.29	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_64QAM	17.71	-0.02	17.69	58.75	1000	PASS
n78(3450-3550)	30	10	636332	24@0	DFT_256QAM	15.69	-0.02	15.67	36.90	1000	PASS
n78(3450-3550)	30	10	636332	12@6	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n78(3450-3550)	30	10	636332	1@1	DFT_256QAM	15.57	-0.02	15.55	35.89	1000	PASS
n78(3450-3550)	30	10	636332	1@22	DFT_256QAM	15.57	-0.02	15.55	35.89	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_QPSK	17.15	-0.02	17.13	51.64	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_QPSK	18.60	-0.02	18.58	72.11	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_QPSK	18.91	-0.02	18.89	77.45	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_QPSK	18.88	-0.02	18.86	76.91	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_16QAM	17.09	-0.02	17.07	50.93	1000	PASS

n78(3450-3550)	30	10	636332	12@6	CP_16QAM	18.32	-0.02	18.30	67.61	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_16QAM	18.38	-0.02	18.36	68.55	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_16QAM	18.32	-0.02	18.30	67.61	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_64QAM	16.74	-0.02	16.72	46.99	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_64QAM	16.74	-0.02	16.72	46.99	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_64QAM	16.63	-0.02	16.61	45.81	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_64QAM	16.59	-0.02	16.57	45.39	1000	PASS
n78(3450-3550)	30	10	636332	24@0	CP_256QAM	13.66	-0.02	13.64	23.12	1000	PASS
n78(3450-3550)	30	10	636332	12@6	CP_256QAM	13.72	-0.02	13.70	23.44	1000	PASS
n78(3450-3550)	30	10	636332	1@1	CP_256QAM	13.63	-0.02	13.61	22.96	1000	PASS
n78(3450-3550)	30	10	636332	1@22	CP_256QAM	13.60	-0.02	13.58	22.80	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_BPSK	20.11	-0.02	20.09	102.09	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_BPSK	20.62	-0.02	20.60	114.82	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_BPSK	20.58	-0.02	20.56	113.76	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_BPSK	20.43	-0.02	20.41	109.90	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_QPSK	19.61	-0.02	19.59	90.99	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_QPSK	20.55	-0.02	20.53	112.98	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_QPSK	20.60	-0.02	20.58	114.29	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_QPSK	20.43	-0.02	20.41	109.90	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_16QAM	18.63	-0.02	18.61	72.61	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_16QAM	19.55	-0.02	19.53	89.74	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_16QAM	19.72	-0.02	19.70	93.33	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_16QAM	19.53	-0.02	19.51	89.33	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_64QAM	18.08	-0.02	18.06	63.97	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_64QAM	18.23	-0.02	18.21	66.22	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_64QAM	18.20	-0.02	18.18	65.77	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_64QAM	18.02	-0.02	18.00	63.10	1000	PASS
n78(3450-3550)	30	15	630500	36@0	DFT_256QAM	16.05	-0.02	16.03	40.09	1000	PASS
n78(3450-3550)	30	15	630500	18@9	DFT_256QAM	16.07	-0.02	16.05	40.27	1000	PASS
n78(3450-3550)	30	15	630500	1@1	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n78(3450-3550)	30	15	630500	1@36	DFT_256QAM	15.75	-0.02	15.73	37.41	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_QPSK	17.51	-0.02	17.49	56.10	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_QPSK	19.04	-0.02	19.02	79.80	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_QPSK	19.26	-0.02	19.24	83.95	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_QPSK	19.11	-0.02	19.09	81.10	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_16QAM	17.62	-0.02	17.60	57.54	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_16QAM	18.55	-0.02	18.53	71.29	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_16QAM	18.62	-0.02	18.60	72.44	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_16QAM	18.44	-0.02	18.42	69.50	1000	PASS
n78(3450-3550)	30	15	630500	38@0	CP_64QAM	17.07	-0.02	17.05	50.70	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_64QAM	17.11	-0.02	17.09	51.17	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_64QAM	17.01	-0.02	16.99	50.00	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS

n78(3450-3550)	30	15	630500	38@0	CP_256QAM	14.07	-0.02	14.05	25.41	1000	PASS
n78(3450-3550)	30	15	630500	19@9	CP_256QAM	14.19	-0.02	14.17	26.12	1000	PASS
n78(3450-3550)	30	15	630500	1@1	CP_256QAM	14.01	-0.02	13.99	25.06	1000	PASS
n78(3450-3550)	30	15	630500	1@36	CP_256QAM	13.87	-0.02	13.85	24.27	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_BPSK	19.87	-0.02	19.85	96.61	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_BPSK	20.32	-0.02	20.30	107.15	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_BPSK	20.15	-0.02	20.13	103.04	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_QPSK	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_QPSK	20.41	-0.02	20.39	109.40	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_QPSK	20.32	-0.02	20.30	107.15	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_QPSK	20.15	-0.02	20.13	103.04	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_16QAM	18.40	-0.02	18.38	68.87	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_16QAM	19.36	-0.02	19.34	85.90	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_16QAM	19.45	-0.02	19.43	87.70	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_16QAM	19.28	-0.02	19.26	84.33	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_64QAM	17.80	-0.02	17.78	59.98	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_64QAM	18.00	-0.02	17.98	62.81	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_64QAM	17.94	-0.02	17.92	61.94	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_64QAM	17.79	-0.02	17.77	59.84	1000	PASS
n78(3450-3550)	30	15	633334	36@0	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n78(3450-3550)	30	15	633334	18@9	DFT_256QAM	15.89	-0.02	15.87	38.64	1000	PASS
n78(3450-3550)	30	15	633334	1@1	DFT_256QAM	15.71	-0.02	15.69	37.07	1000	PASS
n78(3450-3550)	30	15	633334	1@36	DFT_256QAM	15.48	-0.02	15.46	35.16	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_QPSK	17.28	-0.02	17.26	53.21	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_QPSK	18.85	-0.02	18.83	76.38	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_QPSK	19.03	-0.02	19.01	79.62	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_QPSK	18.89	-0.02	18.87	77.09	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_16QAM	17.33	-0.02	17.31	53.83	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_16QAM	18.35	-0.02	18.33	68.08	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_16QAM	18.38	-0.02	18.36	68.55	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_16QAM	18.22	-0.02	18.20	66.07	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_64QAM	16.78	-0.02	16.76	47.42	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_64QAM	16.59	-0.02	16.57	45.39	1000	PASS
n78(3450-3550)	30	15	633334	38@0	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	15	633334	19@9	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n78(3450-3550)	30	15	633334	1@1	CP_256QAM	13.79	-0.02	13.77	23.82	1000	PASS
n78(3450-3550)	30	15	633334	1@36	CP_256QAM	13.63	-0.02	13.61	22.96	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_BPSK	19.81	-0.02	19.79	95.28	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_BPSK	20.22	-0.02	20.20	104.71	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_BPSK	20.19	-0.02	20.17	103.99	1000	PASS

n78(3450-3550)	30	15	636166	1@36	DFT_BPSK	20.14	-0.02	20.12	102.80	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_QPSK	19.29	-0.02	19.27	84.53	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_QPSK	20.26	-0.02	20.24	105.68	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_QPSK	20.20	-0.02	20.18	104.23	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_QPSK	20.15	-0.02	20.13	103.04	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_16QAM	19.24	-0.02	19.22	83.56	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_16QAM	19.38	-0.02	19.36	86.30	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_16QAM	19.29	-0.02	19.27	84.53	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_64QAM	17.77	-0.02	17.75	59.57	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_64QAM	17.75	-0.02	17.73	59.29	1000	PASS
n78(3450-3550)	30	15	636166	36@0	DFT_256QAM	15.72	-0.02	15.70	37.15	1000	PASS
n78(3450-3550)	30	15	636166	18@9	DFT_256QAM	15.76	-0.02	15.74	37.50	1000	PASS
n78(3450-3550)	30	15	636166	1@1	DFT_256QAM	15.57	-0.02	15.55	35.89	1000	PASS
n78(3450-3550)	30	15	636166	1@36	DFT_256QAM	15.53	-0.02	15.51	35.56	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_QPSK	17.21	-0.02	17.19	52.36	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_QPSK	18.75	-0.02	18.73	74.64	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_QPSK	18.92	-0.02	18.90	77.62	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_QPSK	18.87	-0.02	18.85	76.74	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_16QAM	17.29	-0.02	17.27	53.33	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_16QAM	18.27	-0.02	18.25	66.83	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_16QAM	18.22	-0.02	18.20	66.07	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_64QAM	16.75	-0.02	16.73	47.10	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_64QAM	16.79	-0.02	16.77	47.53	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_64QAM	16.63	-0.02	16.61	45.81	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_64QAM	16.61	-0.02	16.59	45.60	1000	PASS
n78(3450-3550)	30	15	636166	38@0	CP_256QAM	13.79	-0.02	13.77	23.82	1000	PASS
n78(3450-3550)	30	15	636166	19@9	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n78(3450-3550)	30	15	636166	1@1	CP_256QAM	13.67	-0.02	13.65	23.17	1000	PASS
n78(3450-3550)	30	15	636166	1@36	CP_256QAM	13.60	-0.02	13.58	22.80	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_BPSK	20.09	-0.02	20.07	101.62	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_BPSK	20.55	-0.02	20.53	112.98	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_BPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_BPSK	20.36	-0.02	20.34	108.14	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_QPSK	19.58	-0.02	19.56	90.36	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_QPSK	20.62	-0.02	20.60	114.82	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_QPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_QPSK	20.36	-0.02	20.34	108.14	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_16QAM	18.58	-0.02	18.56	71.78	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_16QAM	19.57	-0.02	19.55	90.16	1000	PASS

n78(3450-3550)	30	20	630668	1@1	DFT_16QAM	19.73	-0.02	19.71	93.54	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_16QAM	19.49	-0.02	19.47	88.51	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_64QAM	18.09	-0.02	18.07	64.12	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_64QAM	18.25	-0.02	18.23	66.53	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_64QAM	18.02	-0.02	18.00	63.10	1000	PASS
n78(3450-3550)	30	20	630668	50@0	DFT_256QAM	16.06	-0.02	16.04	40.18	1000	PASS
n78(3450-3550)	30	20	630668	25@12	DFT_256QAM	16.04	-0.02	16.02	39.99	1000	PASS
n78(3450-3550)	30	20	630668	1@1	DFT_256QAM	16.02	-0.02	16.00	39.81	1000	PASS
n78(3450-3550)	30	20	630668	1@49	DFT_256QAM	15.80	-0.02	15.78	37.84	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_QPSK	17.56	-0.02	17.54	56.75	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_QPSK	19.02	-0.02	19.00	79.43	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_QPSK	19.28	-0.02	19.26	84.33	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_QPSK	19.06	-0.02	19.04	80.17	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_16QAM	17.58	-0.02	17.56	57.02	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_16QAM	18.60	-0.02	18.58	72.11	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_16QAM	18.60	-0.02	18.58	72.11	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_16QAM	18.39	-0.02	18.37	68.71	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_64QAM	17.10	-0.02	17.08	51.05	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_64QAM	17.17	-0.02	17.15	51.88	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_64QAM	16.81	-0.02	16.79	47.75	1000	PASS
n78(3450-3550)	30	20	630668	51@0	CP_256QAM	14.09	-0.02	14.07	25.53	1000	PASS
n78(3450-3550)	30	20	630668	25@12	CP_256QAM	14.14	-0.02	14.12	25.82	1000	PASS
n78(3450-3550)	30	20	630668	1@1	CP_256QAM	14.08	-0.02	14.06	25.47	1000	PASS
n78(3450-3550)	30	20	630668	1@49	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	19.85	-0.02	19.83	96.16	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_BPSK	20.41	-0.02	20.39	109.40	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_BPSK	20.33	-0.02	20.31	107.40	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_BPSK	20.13	-0.02	20.11	102.57	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	19.37	-0.02	19.35	86.10	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_QPSK	20.40	-0.02	20.38	109.14	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_QPSK	20.33	-0.02	20.31	107.40	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_QPSK	20.13	-0.02	20.11	102.57	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_16QAM	19.40	-0.02	19.38	86.70	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_16QAM	19.47	-0.02	19.45	88.10	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_16QAM	19.28	-0.02	19.26	84.33	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	17.81	-0.02	17.79	60.12	1000	PASS
n78(3450-3550)	30	20	633334	25@12	DFT_64QAM	17.87	-0.02	17.85	60.95	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_64QAM	18.02	-0.02	18.00	63.10	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_64QAM	17.75	-0.02	17.73	59.29	1000	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	15.85	-0.02	15.83	38.28	1000	PASS

n78(3450-3550)	30	20	633334	25@12	DFT_256QAM	15.86	-0.02	15.84	38.37	1000	PASS
n78(3450-3550)	30	20	633334	1@1	DFT_256QAM	15.74	-0.02	15.72	37.33	1000	PASS
n78(3450-3550)	30	20	633334	1@49	DFT_256QAM	15.58	-0.02	15.56	35.97	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_QPSK	17.34	-0.02	17.32	53.95	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_QPSK	19.05	-0.02	19.03	79.98	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_QPSK	18.84	-0.02	18.82	76.21	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_16QAM	17.35	-0.02	17.33	54.08	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_16QAM	18.39	-0.02	18.37	68.71	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_16QAM	18.18	-0.02	18.16	65.46	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_64QAM	16.79	-0.02	16.77	47.53	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_64QAM	16.54	-0.02	16.52	44.87	1000	PASS
n78(3450-3550)	30	20	633334	51@0	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n78(3450-3550)	30	20	633334	25@12	CP_256QAM	13.93	-0.02	13.91	24.60	1000	PASS
n78(3450-3550)	30	20	633334	1@1	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	20	633334	1@49	CP_256QAM	13.61	-0.02	13.59	22.86	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_BPSK	19.79	-0.02	19.77	94.84	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_BPSK	20.24	-0.02	20.22	105.20	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_BPSK	20.24	-0.02	20.22	105.20	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_BPSK	20.10	-0.02	20.08	101.86	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_QPSK	19.32	-0.02	19.30	85.11	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_QPSK	20.26	-0.02	20.24	105.68	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_QPSK	20.24	-0.02	20.22	105.20	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_QPSK	20.18	-0.02	20.16	103.75	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_16QAM	18.30	-0.02	18.28	67.30	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_16QAM	19.26	-0.02	19.24	83.95	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_16QAM	19.41	-0.02	19.39	86.90	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_16QAM	19.29	-0.02	19.27	84.53	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_64QAM	17.74	-0.02	17.72	59.16	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_64QAM	17.74	-0.02	17.72	59.16	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_64QAM	17.80	-0.02	17.78	59.98	1000	PASS
n78(3450-3550)	30	20	636000	50@0	DFT_256QAM	15.75	-0.02	15.73	37.41	1000	PASS
n78(3450-3550)	30	20	636000	25@12	DFT_256QAM	15.70	-0.02	15.68	36.98	1000	PASS
n78(3450-3550)	30	20	636000	1@1	DFT_256QAM	15.70	-0.02	15.68	36.98	1000	PASS
n78(3450-3550)	30	20	636000	1@49	DFT_256QAM	15.61	-0.02	15.59	36.22	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_QPSK	17.26	-0.02	17.24	52.97	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_QPSK	18.71	-0.02	18.69	73.96	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_QPSK	18.98	-0.02	18.96	78.70	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_QPSK	18.85	-0.02	18.83	76.38	1000	PASS

n78(3450-3550)	30	20	636000	51@0	CP_16QAM	17.27	-0.02	17.25	53.09	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_16QAM	18.34	-0.02	18.32	67.92	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_16QAM	18.15	-0.02	18.13	65.01	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_64QAM	16.80	-0.02	16.78	47.64	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_64QAM	16.90	-0.02	16.88	48.75	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_64QAM	16.73	-0.02	16.71	46.88	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_64QAM	16.59	-0.02	16.57	45.39	1000	PASS
n78(3450-3550)	30	20	636000	51@0	CP_256QAM	13.81	-0.02	13.79	23.93	1000	PASS
n78(3450-3550)	30	20	636000	25@12	CP_256QAM	13.77	-0.02	13.75	23.71	1000	PASS
n78(3450-3550)	30	20	636000	1@1	CP_256QAM	13.73	-0.02	13.71	23.50	1000	PASS
n78(3450-3550)	30	20	636000	1@49	CP_256QAM	13.62	-0.02	13.60	22.91	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_BPSK	20.01	-0.02	19.99	99.77	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_BPSK	20.48	-0.02	20.46	111.17	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_BPSK	20.60	-0.02	20.58	114.29	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_BPSK	20.35	-0.02	20.33	107.89	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_QPSK	19.52	-0.02	19.50	89.13	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_QPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_QPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_QPSK	20.37	-0.02	20.35	108.39	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_16QAM	18.50	-0.02	18.48	70.47	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_16QAM	19.43	-0.02	19.41	87.30	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_16QAM	19.73	-0.02	19.71	93.54	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_16QAM	19.44	-0.02	19.42	87.50	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_64QAM	17.99	-0.02	17.97	62.66	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_64QAM	17.93	-0.02	17.91	61.80	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_64QAM	18.24	-0.02	18.22	66.37	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_64QAM	17.97	-0.02	17.95	62.37	1000	PASS
n78(3450-3550)	30	40	631334	100@0	DFT_256QAM	15.97	-0.02	15.95	39.36	1000	PASS
n78(3450-3550)	30	40	631334	50@25	DFT_256QAM	15.92	-0.02	15.90	38.90	1000	PASS
n78(3450-3550)	30	40	631334	1@1	DFT_256QAM	16.00	-0.02	15.98	39.63	1000	PASS
n78(3450-3550)	30	40	631334	1@104	DFT_256QAM	15.73	-0.02	15.71	37.24	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_QPSK	17.43	-0.02	17.41	55.08	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_QPSK	18.92	-0.02	18.90	77.62	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_QPSK	19.24	-0.02	19.22	83.56	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_QPSK	18.96	-0.02	18.94	78.34	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_16QAM	17.44	-0.02	17.42	55.21	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_16QAM	18.56	-0.02	18.54	71.45	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_16QAM	18.31	-0.02	18.29	67.45	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_64QAM	16.98	-0.02	16.96	49.66	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_64QAM	16.99	-0.02	16.97	49.77	1000	PASS

n78(3450-3550)	30	40	631334	1@104	CP_64QAM	16.73	-0.02	16.71	46.88	1000	PASS
n78(3450-3550)	30	40	631334	106@0	CP_256QAM	13.93	-0.02	13.91	24.60	1000	PASS
n78(3450-3550)	30	40	631334	53@26	CP_256QAM	13.94	-0.02	13.92	24.66	1000	PASS
n78(3450-3550)	30	40	631334	1@1	CP_256QAM	14.10	-0.02	14.08	25.59	1000	PASS
n78(3450-3550)	30	40	631334	1@104	CP_256QAM	13.82	-0.02	13.80	23.99	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_BPSK	19.87	-0.02	19.85	96.61	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_BPSK	20.34	-0.02	20.32	107.65	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_BPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_BPSK	20.12	-0.02	20.10	102.33	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_QPSK	19.36	-0.02	19.34	85.90	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_QPSK	20.14	-0.02	20.12	102.80	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_16QAM	18.34	-0.02	18.32	67.92	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_16QAM	19.52	-0.02	19.50	89.13	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_16QAM	19.25	-0.02	19.23	83.75	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_64QAM	17.85	-0.02	17.83	60.67	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_64QAM	18.04	-0.02	18.02	63.39	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_64QAM	17.75	-0.02	17.73	59.29	1000	PASS
n78(3450-3550)	30	40	633334	100@0	DFT_256QAM	15.83	-0.02	15.81	38.11	1000	PASS
n78(3450-3550)	30	40	633334	50@25	DFT_256QAM	15.82	-0.02	15.80	38.02	1000	PASS
n78(3450-3550)	30	40	633334	1@1	DFT_256QAM	15.80	-0.02	15.78	37.84	1000	PASS
n78(3450-3550)	30	40	633334	1@104	DFT_256QAM	15.51	-0.02	15.49	35.40	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_QPSK	17.31	-0.02	17.29	53.58	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_QPSK	18.84	-0.02	18.82	76.21	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_QPSK	19.07	-0.02	19.05	80.35	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_QPSK	18.78	-0.02	18.76	75.16	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_16QAM	17.30	-0.02	17.28	53.46	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_16QAM	18.29	-0.02	18.27	67.14	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_16QAM	18.39	-0.02	18.37	68.71	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_16QAM	18.13	-0.02	18.11	64.71	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_64QAM	16.86	-0.02	16.84	48.31	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_64QAM	16.53	-0.02	16.51	44.77	1000	PASS
n78(3450-3550)	30	40	633334	106@0	CP_256QAM	13.81	-0.02	13.79	23.93	1000	PASS
n78(3450-3550)	30	40	633334	53@26	CP_256QAM	13.84	-0.02	13.82	24.10	1000	PASS
n78(3450-3550)	30	40	633334	1@1	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n78(3450-3550)	30	40	633334	1@104	CP_256QAM	13.62	-0.02	13.60	22.91	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_BPSK	19.69	-0.02	19.67	92.68	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_BPSK	20.13	-0.02	20.11	102.57	1000	PASS

n78(3450-3550)	30	40	635332	1@1	DFT_BPSK	20.13	-0.02	20.11	102.57	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_BPSK	19.94	-0.02	19.92	98.17	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_QPSK	19.21	-0.02	19.19	82.99	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_QPSK	20.16	-0.02	20.14	103.28	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_QPSK	20.00	-0.02	19.98	99.54	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_16QAM	18.18	-0.02	18.16	65.46	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_16QAM	19.20	-0.02	19.18	82.79	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_16QAM	19.25	-0.02	19.23	83.75	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_16QAM	19.13	-0.02	19.11	81.47	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_64QAM	17.67	-0.02	17.65	58.21	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_64QAM	17.71	-0.02	17.69	58.75	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_64QAM	17.76	-0.02	17.74	59.43	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_64QAM	17.65	-0.02	17.63	57.94	1000	PASS
n78(3450-3550)	30	40	635332	100@0	DFT_256QAM	15.66	-0.02	15.64	36.64	1000	PASS
n78(3450-3550)	30	40	635332	50@25	DFT_256QAM	15.71	-0.02	15.69	37.07	1000	PASS
n78(3450-3550)	30	40	635332	1@1	DFT_256QAM	15.53	-0.02	15.51	35.56	1000	PASS
n78(3450-3550)	30	40	635332	1@104	DFT_256QAM	15.42	-0.02	15.40	34.67	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_QPSK	17.13	-0.02	17.11	51.40	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_QPSK	18.71	-0.02	18.69	73.96	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_QPSK	18.76	-0.02	18.74	74.82	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_QPSK	18.67	-0.02	18.65	73.28	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_16QAM	17.13	-0.02	17.11	51.40	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_16QAM	18.17	-0.02	18.15	65.31	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_16QAM	18.09	-0.02	18.07	64.12	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_16QAM	17.99	-0.02	17.97	62.66	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_64QAM	16.63	-0.02	16.61	45.81	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_64QAM	16.70	-0.02	16.68	46.56	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_64QAM	16.51	-0.02	16.49	44.57	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n78(3450-3550)	30	40	635332	106@0	CP_256QAM	13.63	-0.02	13.61	22.96	1000	PASS
n78(3450-3550)	30	40	635332	53@26	CP_256QAM	13.69	-0.02	13.67	23.28	1000	PASS
n78(3450-3550)	30	40	635332	1@1	CP_256QAM	13.59	-0.02	13.57	22.75	1000	PASS
n78(3450-3550)	30	40	635332	1@104	CP_256QAM	13.47	-0.02	13.45	22.13	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_BPSK	19.98	-0.02	19.96	99.08	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_BPSK	20.41	-0.02	20.39	109.40	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_BPSK	20.50	-0.02	20.48	111.69	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_BPSK	20.23	-0.02	20.21	104.95	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_QPSK	19.47	-0.02	19.45	88.10	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_QPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_QPSK	20.54	-0.02	20.52	112.72	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_QPSK	20.25	-0.02	20.23	105.44	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_16QAM	18.42	-0.02	18.40	69.18	1000	PASS

n78(3450-3550)	30	50	631668	64@32	DFT_16QAM	19.37	-0.02	19.35	86.10	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_16QAM	19.54	-0.02	19.52	89.54	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_64QAM	17.92	-0.02	17.90	61.66	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_64QAM	18.09	-0.02	18.07	64.12	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n78(3450-3550)	30	50	631668	128@0	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n78(3450-3550)	30	50	631668	64@32	DFT_256QAM	15.91	-0.02	15.89	38.82	1000	PASS
n78(3450-3550)	30	50	631668	1@1	DFT_256QAM	15.89	-0.02	15.87	38.64	1000	PASS
n78(3450-3550)	30	50	631668	1@131	DFT_256QAM	15.68	-0.02	15.66	36.81	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_QPSK	17.39	-0.02	17.37	54.58	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_QPSK	18.89	-0.02	18.87	77.09	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_QPSK	19.11	-0.02	19.09	81.10	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_QPSK	18.87	-0.02	18.85	76.74	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_16QAM	17.37	-0.02	17.35	54.33	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_16QAM	18.38	-0.02	18.36	68.55	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_16QAM	18.18	-0.02	18.16	65.46	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_64QAM	16.90	-0.02	16.88	48.75	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_64QAM	16.60	-0.02	16.58	45.50	1000	PASS
n78(3450-3550)	30	50	631668	133@0	CP_256QAM	13.93	-0.02	13.91	24.60	1000	PASS
n78(3450-3550)	30	50	631668	67@33	CP_256QAM	13.92	-0.02	13.90	24.55	1000	PASS
n78(3450-3550)	30	50	631668	1@1	CP_256QAM	13.95	-0.02	13.93	24.72	1000	PASS
n78(3450-3550)	30	50	631668	1@131	CP_256QAM	13.66	-0.02	13.64	23.12	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_BPSK	19.88	-0.02	19.86	96.83	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_BPSK	20.34	-0.02	20.32	107.65	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_BPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_BPSK	20.15	-0.02	20.13	103.04	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_QPSK	19.38	-0.02	19.36	86.30	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_QPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_QPSK	20.20	-0.02	20.18	104.23	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_16QAM	18.34	-0.02	18.32	67.92	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_16QAM	19.44	-0.02	19.42	87.50	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_16QAM	19.26	-0.02	19.24	83.95	1000	PASS
n78(3450-3550)	30	50	633334	128@0	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_64QAM	17.99	-0.02	17.97	62.66	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_64QAM	17.76	-0.02	17.74	59.43	1000	PASS

n78(3450-3550)	30	50	633334	128@0	DFT_256QAM	15.82	-0.02	15.80	38.02	1000	PASS
n78(3450-3550)	30	50	633334	64@32	DFT_256QAM	15.86	-0.02	15.84	38.37	1000	PASS
n78(3450-3550)	30	50	633334	1@1	DFT_256QAM	15.82	-0.02	15.80	38.02	1000	PASS
n78(3450-3550)	30	50	633334	1@131	DFT_256QAM	15.59	-0.02	15.57	36.06	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_QPSK	17.31	-0.02	17.29	53.58	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_QPSK	18.76	-0.02	18.74	74.82	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_QPSK	19.05	-0.02	19.03	79.98	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_QPSK	18.78	-0.02	18.76	75.16	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_16QAM	17.28	-0.02	17.26	53.21	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_16QAM	18.31	-0.02	18.29	67.45	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_16QAM	18.12	-0.02	18.10	64.57	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_64QAM	16.80	-0.02	16.78	47.64	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_64QAM	16.83	-0.02	16.81	47.97	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_64QAM	16.78	-0.02	16.76	47.42	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_64QAM	16.54	-0.02	16.52	44.87	1000	PASS
n78(3450-3550)	30	50	633334	133@0	CP_256QAM	13.83	-0.02	13.81	24.04	1000	PASS
n78(3450-3550)	30	50	633334	67@33	CP_256QAM	13.84	-0.02	13.82	24.10	1000	PASS
n78(3450-3550)	30	50	633334	1@1	CP_256QAM	13.87	-0.02	13.85	24.27	1000	PASS
n78(3450-3550)	30	50	633334	1@131	CP_256QAM	13.59	-0.02	13.57	22.75	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_BPSK	19.66	-0.02	19.64	92.04	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_BPSK	20.18	-0.02	20.16	103.75	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_BPSK	20.25	-0.02	20.23	105.44	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_BPSK	19.99	-0.02	19.97	99.31	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_QPSK	19.19	-0.02	19.17	82.60	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_QPSK	20.17	-0.02	20.15	103.51	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_QPSK	20.29	-0.02	20.27	106.41	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_QPSK	19.98	-0.02	19.96	99.08	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_16QAM	18.17	-0.02	18.15	65.31	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_16QAM	19.14	-0.02	19.12	81.66	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_16QAM	19.34	-0.02	19.32	85.51	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_16QAM	19.11	-0.02	19.09	81.10	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_64QAM	17.66	-0.02	17.64	58.08	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_64QAM	17.70	-0.02	17.68	58.61	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_64QAM	17.61	-0.02	17.59	57.41	1000	PASS
n78(3450-3550)	30	50	635000	128@0	DFT_256QAM	15.67	-0.02	15.65	36.73	1000	PASS
n78(3450-3550)	30	50	635000	64@32	DFT_256QAM	15.72	-0.02	15.70	37.15	1000	PASS
n78(3450-3550)	30	50	635000	1@1	DFT_256QAM	15.69	-0.02	15.67	36.90	1000	PASS
n78(3450-3550)	30	50	635000	1@131	DFT_256QAM	15.47	-0.02	15.45	35.08	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_QPSK	17.13	-0.02	17.11	51.40	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_QPSK	18.62	-0.02	18.60	72.44	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_QPSK	18.85	-0.02	18.83	76.38	1000	PASS

n78(3450-3550)	30	50	635000	1@131	CP_QPSK	18.68	-0.02	18.66	73.45	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_16QAM	17.13	-0.02	17.11	51.40	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_16QAM	18.17	-0.02	18.15	65.31	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_16QAM	18.23	-0.02	18.21	66.22	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_64QAM	16.63	-0.02	16.61	45.81	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_64QAM	16.68	-0.02	16.66	46.34	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_64QAM	16.61	-0.02	16.59	45.60	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_64QAM	16.45	-0.02	16.43	43.95	1000	PASS
n78(3450-3550)	30	50	635000	133@0	CP_256QAM	13.65	-0.02	13.63	23.07	1000	PASS
n78(3450-3550)	30	50	635000	67@33	CP_256QAM	13.67	-0.02	13.65	23.17	1000	PASS
n78(3450-3550)	30	50	635000	1@1	CP_256QAM	13.68	-0.02	13.66	23.23	1000	PASS
n78(3450-3550)	30	50	635000	1@131	CP_256QAM	13.48	-0.02	13.46	22.18	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_BPSK	19.93	-0.02	19.91	97.95	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_BPSK	20.57	-0.02	20.55	113.50	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_BPSK	20.12	-0.02	20.10	102.33	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_QPSK	19.41	-0.02	19.39	86.90	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_QPSK	20.39	-0.02	20.37	108.89	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_QPSK	20.63	-0.02	20.61	115.08	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_QPSK	20.17	-0.02	20.15	103.51	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_16QAM	19.73	-0.02	19.71	93.54	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_16QAM	19.26	-0.02	19.24	83.95	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_64QAM	18.25	-0.02	18.23	66.53	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_64QAM	17.74	-0.02	17.72	59.16	1000	PASS
n78(3450-3550)	30	60	632000	162@0	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n78(3450-3550)	30	60	632000	81@40	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n78(3450-3550)	30	60	632000	1@1	DFT_256QAM	15.97	-0.02	15.95	39.36	1000	PASS
n78(3450-3550)	30	60	632000	1@160	DFT_256QAM	15.50	-0.02	15.48	35.32	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_QPSK	17.35	-0.02	17.33	54.08	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_QPSK	18.82	-0.02	18.80	75.86	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_QPSK	19.25	-0.02	19.23	83.75	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_QPSK	18.79	-0.02	18.77	75.34	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_16QAM	17.35	-0.02	17.33	54.08	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_16QAM	18.31	-0.02	18.29	67.45	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_16QAM	18.60	-0.02	18.58	72.11	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_16QAM	18.12	-0.02	18.10	64.57	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_64QAM	16.89	-0.02	16.87	48.64	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS

n78(3450-3550)	30	60	632000	1@1	CP_64QAM	17.01	-0.02	16.99	50.00	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_64QAM	16.54	-0.02	16.52	44.87	1000	PASS
n78(3450-3550)	30	60	632000	162@0	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n78(3450-3550)	30	60	632000	81@40	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n78(3450-3550)	30	60	632000	1@1	CP_256QAM	14.05	-0.02	14.03	25.29	1000	PASS
n78(3450-3550)	30	60	632000	1@160	CP_256QAM	13.57	-0.02	13.55	22.65	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_BPSK	19.86	-0.02	19.84	96.38	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_BPSK	20.37	-0.02	20.35	108.39	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_BPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_BPSK	20.19	-0.02	20.17	103.99	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_QPSK	19.35	-0.02	19.33	85.70	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_QPSK	20.36	-0.02	20.34	108.14	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_QPSK	20.50	-0.02	20.48	111.69	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_QPSK	20.19	-0.02	20.17	103.99	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_16QAM	18.30	-0.02	18.28	67.30	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_16QAM	19.54	-0.02	19.52	89.54	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_16QAM	19.34	-0.02	19.32	85.51	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_64QAM	18.04	-0.02	18.02	63.39	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_64QAM	17.81	-0.02	17.79	60.12	1000	PASS
n78(3450-3550)	30	60	633334	162@0	DFT_256QAM	15.83	-0.02	15.81	38.11	1000	PASS
n78(3450-3550)	30	60	633334	81@40	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n78(3450-3550)	30	60	633334	1@1	DFT_256QAM	15.82	-0.02	15.80	38.02	1000	PASS
n78(3450-3550)	30	60	633334	1@160	DFT_256QAM	15.58	-0.02	15.56	35.97	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_QPSK	17.29	-0.02	17.27	53.33	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_QPSK	18.79	-0.02	18.77	75.34	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_QPSK	19.05	-0.02	19.03	79.98	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_QPSK	18.89	-0.02	18.87	77.09	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_16QAM	17.29	-0.02	17.27	53.33	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_16QAM	18.28	-0.02	18.26	66.99	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_16QAM	18.43	-0.02	18.41	69.34	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_16QAM	18.20	-0.02	18.18	65.77	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_64QAM	16.80	-0.02	16.78	47.64	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_64QAM	16.81	-0.02	16.79	47.75	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_64QAM	16.65	-0.02	16.63	46.03	1000	PASS
n78(3450-3550)	30	60	633334	162@0	CP_256QAM	13.83	-0.02	13.81	24.04	1000	PASS
n78(3450-3550)	30	60	633334	81@40	CP_256QAM	13.82	-0.02	13.80	23.99	1000	PASS
n78(3450-3550)	30	60	633334	1@1	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n78(3450-3550)	30	60	633334	1@160	CP_256QAM	13.67	-0.02	13.65	23.17	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_BPSK	19.74	-0.02	19.72	93.76	1000	PASS

n78(3450-3550)	30	60	634666	81@40	DFT_BPSK	20.24	-0.02	20.22	105.20	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_BPSK	19.97	-0.02	19.95	98.86	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_QPSK	19.24	-0.02	19.22	83.56	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_QPSK	20.17	-0.02	20.15	103.51	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_QPSK	20.03	-0.02	20.01	100.23	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_16QAM	18.22	-0.02	18.20	66.07	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_16QAM	19.20	-0.02	19.18	82.79	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_16QAM	19.54	-0.02	19.52	89.54	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_16QAM	19.22	-0.02	19.20	83.18	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_64QAM	17.71	-0.02	17.69	58.75	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_64QAM	17.73	-0.02	17.71	59.02	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_64QAM	18.04	-0.02	18.02	63.39	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_64QAM	17.70	-0.02	17.68	58.61	1000	PASS
n78(3450-3550)	30	60	634666	162@0	DFT_256QAM	15.71	-0.02	15.69	37.07	1000	PASS
n78(3450-3550)	30	60	634666	81@40	DFT_256QAM	15.72	-0.02	15.70	37.15	1000	PASS
n78(3450-3550)	30	60	634666	1@1	DFT_256QAM	15.78	-0.02	15.76	37.67	1000	PASS
n78(3450-3550)	30	60	634666	1@160	DFT_256QAM	15.45	-0.02	15.43	34.91	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_QPSK	17.19	-0.02	17.17	52.12	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_QPSK	18.66	-0.02	18.64	73.11	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_QPSK	19.03	-0.02	19.01	79.62	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_QPSK	18.71	-0.02	18.69	73.96	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_16QAM	17.18	-0.02	17.16	52.00	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_16QAM	18.14	-0.02	18.12	64.86	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_16QAM	18.38	-0.02	18.36	68.55	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_64QAM	16.67	-0.02	16.65	46.24	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_64QAM	16.67	-0.02	16.65	46.24	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_64QAM	16.48	-0.02	16.46	44.26	1000	PASS
n78(3450-3550)	30	60	634666	162@0	CP_256QAM	13.71	-0.02	13.69	23.39	1000	PASS
n78(3450-3550)	30	60	634666	81@40	CP_256QAM	13.69	-0.02	13.67	23.28	1000	PASS
n78(3450-3550)	30	60	634666	1@1	CP_256QAM	13.87	-0.02	13.85	24.27	1000	PASS
n78(3450-3550)	30	60	634666	1@160	CP_256QAM	13.49	-0.02	13.47	22.23	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_BPSK	19.99	-0.02	19.97	99.31	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_BPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_BPSK	20.61	-0.02	20.59	114.55	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_BPSK	20.06	-0.02	20.04	100.93	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_QPSK	19.44	-0.02	19.42	87.50	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_QPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_QPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_QPSK	20.06	-0.02	20.04	100.93	1000	PASS

n78(3450-3550)	30	70	632334	180@0	DFT_16QAM	18.44	-0.02	18.42	69.50	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_16QAM	19.42	-0.02	19.40	87.10	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_16QAM	19.70	-0.02	19.68	92.90	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_16QAM	19.14	-0.02	19.12	81.66	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_64QAM	17.92	-0.02	17.90	61.66	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_64QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_64QAM	18.16	-0.02	18.14	65.16	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_64QAM	17.62	-0.02	17.60	57.54	1000	PASS
n78(3450-3550)	30	70	632334	180@0	DFT_256QAM	15.90	-0.02	15.88	38.73	1000	PASS
n78(3450-3550)	30	70	632334	90@45	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n78(3450-3550)	30	70	632334	1@1	DFT_256QAM	15.95	-0.02	15.93	39.17	1000	PASS
n78(3450-3550)	30	70	632334	1@187	DFT_256QAM	15.38	-0.02	15.36	34.36	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_QPSK	17.40	-0.02	17.38	54.70	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_QPSK	18.92	-0.02	18.90	77.62	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_QPSK	19.19	-0.02	19.17	82.60	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_QPSK	18.70	-0.02	18.68	73.79	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_16QAM	17.38	-0.02	17.36	54.45	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_16QAM	18.52	-0.02	18.50	70.79	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_16QAM	18.01	-0.02	17.99	62.95	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_64QAM	16.91	-0.02	16.89	48.87	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_64QAM	16.44	-0.02	16.42	43.85	1000	PASS
n78(3450-3550)	30	70	632334	189@0	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n78(3450-3550)	30	70	632334	95@47	CP_256QAM	13.87	-0.02	13.85	24.27	1000	PASS
n78(3450-3550)	30	70	632334	1@1	CP_256QAM	14.00	-0.02	13.98	25.00	1000	PASS
n78(3450-3550)	30	70	632334	1@187	CP_256QAM	13.44	-0.02	13.42	21.98	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_BPSK	19.90	-0.02	19.88	97.27	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_BPSK	20.45	-0.02	20.43	110.41	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_BPSK	20.10	-0.02	20.08	101.86	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_QPSK	19.39	-0.02	19.37	86.50	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_QPSK	20.41	-0.02	20.39	109.40	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_QPSK	20.45	-0.02	20.43	110.41	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_QPSK	20.12	-0.02	20.10	102.33	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_16QAM	18.35	-0.02	18.33	68.08	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_16QAM	19.42	-0.02	19.40	87.10	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_16QAM	19.54	-0.02	19.52	89.54	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_16QAM	19.23	-0.02	19.21	83.37	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_64QAM	17.87	-0.02	17.85	60.95	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_64QAM	17.93	-0.02	17.91	61.80	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_64QAM	18.04	-0.02	18.02	63.39	1000	PASS

n78(3450-3550)	30	70	633334	1@187	DFT_64QAM	17.71	-0.02	17.69	58.75	1000	PASS
n78(3450-3550)	30	70	633334	180@0	DFT_256QAM	15.88	-0.02	15.86	38.55	1000	PASS
n78(3450-3550)	30	70	633334	90@45	DFT_256QAM	15.91	-0.02	15.89	38.82	1000	PASS
n78(3450-3550)	30	70	633334	1@1	DFT_256QAM	15.81	-0.02	15.79	37.93	1000	PASS
n78(3450-3550)	30	70	633334	1@187	DFT_256QAM	15.43	-0.02	15.41	34.75	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_QPSK	17.34	-0.02	17.32	53.95	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_QPSK	18.90	-0.02	18.88	77.27	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_QPSK	19.09	-0.02	19.07	80.72	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_QPSK	18.67	-0.02	18.65	73.28	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_16QAM	17.34	-0.02	17.32	53.95	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_16QAM	18.44	-0.02	18.42	69.50	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_16QAM	18.06	-0.02	18.04	63.68	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_64QAM	16.86	-0.02	16.84	48.31	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_64QAM	16.88	-0.02	16.86	48.53	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_64QAM	16.51	-0.02	16.49	44.57	1000	PASS
n78(3450-3550)	30	70	633334	189@0	CP_256QAM	13.84	-0.02	13.82	24.10	1000	PASS
n78(3450-3550)	30	70	633334	95@47	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	70	633334	1@1	CP_256QAM	13.88	-0.02	13.86	24.32	1000	PASS
n78(3450-3550)	30	70	633334	1@187	CP_256QAM	13.49	-0.02	13.47	22.23	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_BPSK	19.88	-0.02	19.86	96.83	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_BPSK	20.33	-0.02	20.31	107.40	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_BPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_BPSK	20.02	-0.02	20.00	100.00	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_QPSK	19.36	-0.02	19.34	85.90	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_QPSK	20.31	-0.02	20.29	106.91	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_QPSK	20.05	-0.02	20.03	100.69	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_16QAM	18.33	-0.02	18.31	67.76	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_16QAM	19.33	-0.02	19.31	85.31	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_16QAM	19.57	-0.02	19.55	90.16	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_16QAM	19.15	-0.02	19.13	81.85	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_64QAM	18.03	-0.02	18.01	63.24	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_64QAM	17.58	-0.02	17.56	57.02	1000	PASS
n78(3450-3550)	30	70	634332	180@0	DFT_256QAM	15.83	-0.02	15.81	38.11	1000	PASS
n78(3450-3550)	30	70	634332	90@45	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n78(3450-3550)	30	70	634332	1@1	DFT_256QAM	15.79	-0.02	15.77	37.76	1000	PASS
n78(3450-3550)	30	70	634332	1@187	DFT_256QAM	15.36	-0.02	15.34	34.20	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_QPSK	17.33	-0.02	17.31	53.83	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_QPSK	18.84	-0.02	18.82	76.21	1000	PASS

n78(3450-3550)	30	70	634332	1@1	CP_QPSK	19.10	-0.02	19.08	80.91	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_QPSK	18.65	-0.02	18.63	72.95	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_16QAM	17.32	-0.02	17.30	53.70	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_16QAM	18.30	-0.02	18.28	67.30	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_16QAM	18.41	-0.02	18.39	69.02	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_16QAM	17.99	-0.02	17.97	62.66	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_64QAM	16.86	-0.02	16.84	48.31	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_64QAM	16.80	-0.02	16.78	47.64	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_64QAM	16.44	-0.02	16.42	43.85	1000	PASS
n78(3450-3550)	30	70	634332	189@0	CP_256QAM	13.81	-0.02	13.79	23.93	1000	PASS
n78(3450-3550)	30	70	634332	95@47	CP_256QAM	13.78	-0.02	13.76	23.77	1000	PASS
n78(3450-3550)	30	70	634332	1@1	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n78(3450-3550)	30	70	634332	1@187	CP_256QAM	13.45	-0.02	13.43	22.03	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_BPSK	20.00	-0.02	19.98	99.54	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_BPSK	20.51	-0.02	20.49	111.94	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_BPSK	20.72	-0.02	20.70	117.49	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_BPSK	20.19	-0.02	20.17	103.99	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_QPSK	19.49	-0.02	19.47	88.51	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_QPSK	20.47	-0.02	20.45	110.92	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_QPSK	20.72	-0.02	20.70	117.49	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_QPSK	20.20	-0.02	20.18	104.23	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_16QAM	18.40	-0.02	18.38	68.87	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_16QAM	19.47	-0.02	19.45	88.10	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_16QAM	19.81	-0.02	19.79	95.28	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_16QAM	19.30	-0.02	19.28	84.72	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_64QAM	17.92	-0.02	17.90	61.66	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_64QAM	17.96	-0.02	17.94	62.23	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_64QAM	18.35	-0.02	18.33	68.08	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_64QAM	17.83	-0.02	17.81	60.39	1000	PASS
n78(3450-3550)	30	80	632668	216@0	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n78(3450-3550)	30	80	632668	108@54	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n78(3450-3550)	30	80	632668	1@1	DFT_256QAM	16.12	-0.02	16.10	40.74	1000	PASS
n78(3450-3550)	30	80	632668	1@215	DFT_256QAM	15.60	-0.02	15.58	36.14	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_QPSK	17.41	-0.02	17.39	54.83	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_QPSK	18.95	-0.02	18.93	78.16	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_QPSK	19.35	-0.02	19.33	85.70	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_QPSK	18.84	-0.02	18.82	76.21	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_16QAM	17.41	-0.02	17.39	54.83	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_16QAM	18.42	-0.02	18.40	69.18	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_16QAM	18.68	-0.02	18.66	73.45	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_16QAM	18.15	-0.02	18.13	65.01	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_64QAM	16.94	-0.02	16.92	49.20	1000	PASS

n78(3450-3550)	30	80	632668	109@54	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_64QAM	17.10	-0.02	17.08	51.05	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_64QAM	16.60	-0.02	16.58	45.50	1000	PASS
n78(3450-3550)	30	80	632668	217@0	CP_256QAM	13.91	-0.02	13.89	24.49	1000	PASS
n78(3450-3550)	30	80	632668	109@54	CP_256QAM	13.89	-0.02	13.87	24.38	1000	PASS
n78(3450-3550)	30	80	632668	1@1	CP_256QAM	14.17	-0.02	14.15	26.00	1000	PASS
n78(3450-3550)	30	80	632668	1@215	CP_256QAM	13.62	-0.02	13.60	22.91	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_BPSK	19.89	-0.02	19.87	97.05	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_BPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_BPSK	20.54	-0.02	20.52	112.72	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_BPSK	20.09	-0.02	20.07	101.62	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_QPSK	19.37	-0.02	19.35	86.10	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_QPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_QPSK	20.56	-0.02	20.54	113.24	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_QPSK	20.11	-0.02	20.09	102.09	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_16QAM	18.30	-0.02	18.28	67.30	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_16QAM	19.41	-0.02	19.39	86.90	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_16QAM	19.62	-0.02	19.60	91.20	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_16QAM	19.16	-0.02	19.14	82.04	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_64QAM	17.84	-0.02	17.82	60.53	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_64QAM	17.93	-0.02	17.91	61.80	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_64QAM	18.18	-0.02	18.16	65.46	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_64QAM	17.69	-0.02	17.67	58.48	1000	PASS
n78(3450-3550)	30	80	633334	216@0	DFT_256QAM	15.86	-0.02	15.84	38.37	1000	PASS
n78(3450-3550)	30	80	633334	108@54	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n78(3450-3550)	30	80	633334	1@1	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n78(3450-3550)	30	80	633334	1@215	DFT_256QAM	15.52	-0.02	15.50	35.48	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_QPSK	17.33	-0.02	17.31	53.83	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_QPSK	18.87	-0.02	18.85	76.74	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_QPSK	19.20	-0.02	19.18	82.79	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_QPSK	18.70	-0.02	18.68	73.79	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_16QAM	17.33	-0.02	17.31	53.83	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_16QAM	18.35	-0.02	18.33	68.08	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_16QAM	18.51	-0.02	18.49	70.63	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_16QAM	18.04	-0.02	18.02	63.39	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_64QAM	16.93	-0.02	16.91	49.09	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_64QAM	16.48	-0.02	16.46	44.26	1000	PASS
n78(3450-3550)	30	80	633334	217@0	CP_256QAM	13.81	-0.02	13.79	23.93	1000	PASS
n78(3450-3550)	30	80	633334	109@54	CP_256QAM	13.84	-0.02	13.82	24.10	1000	PASS
n78(3450-3550)	30	80	633334	1@1	CP_256QAM	14.01	-0.02	13.99	25.06	1000	PASS
n78(3450-3550)	30	80	633334	1@215	CP_256QAM	13.50	-0.02	13.48	22.28	1000	PASS

n78(3450-3550)	30	80	634000	216@0	DFT_BPSK	19.89	-0.02	19.87	97.05	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_BPSK	20.38	-0.02	20.36	108.64	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_BPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_BPSK	20.01	-0.02	19.99	99.77	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_QPSK	19.35	-0.02	19.33	85.70	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_QPSK	20.34	-0.02	20.32	107.65	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_QPSK	20.48	-0.02	20.46	111.17	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_QPSK	20.08	-0.02	20.06	101.39	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_16QAM	18.30	-0.02	18.28	67.30	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_16QAM	19.32	-0.02	19.30	85.11	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_16QAM	19.55	-0.02	19.53	89.74	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_16QAM	19.16	-0.02	19.14	82.04	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_64QAM	17.81	-0.02	17.79	60.12	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_64QAM	17.82	-0.02	17.80	60.26	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_64QAM	18.08	-0.02	18.06	63.97	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_64QAM	17.65	-0.02	17.63	57.94	1000	PASS
n78(3450-3550)	30	80	634000	216@0	DFT_256QAM	15.85	-0.02	15.83	38.28	1000	PASS
n78(3450-3550)	30	80	634000	108@54	DFT_256QAM	15.84	-0.02	15.82	38.19	1000	PASS
n78(3450-3550)	30	80	634000	1@1	DFT_256QAM	15.85	-0.02	15.83	38.28	1000	PASS
n78(3450-3550)	30	80	634000	1@215	DFT_256QAM	15.45	-0.02	15.43	34.91	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_QPSK	17.32	-0.02	17.30	53.70	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_QPSK	18.76	-0.02	18.74	74.82	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_QPSK	19.08	-0.02	19.06	80.54	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_QPSK	18.70	-0.02	18.68	73.79	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_16QAM	17.31	-0.02	17.29	53.58	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_16QAM	18.26	-0.02	18.24	66.68	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_16QAM	18.39	-0.02	18.37	68.71	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_16QAM	18.02	-0.02	18.00	63.10	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_64QAM	16.83	-0.02	16.81	47.97	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_64QAM	16.83	-0.02	16.81	47.97	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_64QAM	16.46	-0.02	16.44	44.06	1000	PASS
n78(3450-3550)	30	80	634000	217@0	CP_256QAM	13.80	-0.02	13.78	23.88	1000	PASS
n78(3450-3550)	30	80	634000	109@54	CP_256QAM	13.75	-0.02	13.73	23.60	1000	PASS
n78(3450-3550)	30	80	634000	1@1	CP_256QAM	13.90	-0.02	13.88	24.43	1000	PASS
n78(3450-3550)	30	80	634000	1@215	CP_256QAM	13.47	-0.02	13.45	22.13	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_BPSK	19.91	-0.02	19.89	97.50	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_BPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_BPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_BPSK	20.02	-0.02	20.00	100.00	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_QPSK	19.38	-0.02	19.36	86.30	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_QPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_QPSK	20.62	-0.02	20.60	114.82	1000	PASS

n78(3450-3550)	30	90	633000	1@243	DFT_QPSK	20.04	-0.02	20.02	100.46	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_16QAM	19.39	-0.02	19.37	86.50	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_16QAM	19.68	-0.02	19.66	92.47	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_16QAM	19.11	-0.02	19.09	81.10	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_64QAM	17.86	-0.02	17.84	60.81	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_64QAM	17.90	-0.02	17.88	61.38	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_64QAM	18.19	-0.02	18.17	65.61	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_64QAM	17.66	-0.02	17.64	58.08	1000	PASS
n78(3450-3550)	30	90	633000	243@0	DFT_256QAM	15.89	-0.02	15.87	38.64	1000	PASS
n78(3450-3550)	30	90	633000	120@60	DFT_256QAM	15.92	-0.02	15.90	38.90	1000	PASS
n78(3450-3550)	30	90	633000	1@1	DFT_256QAM	15.97	-0.02	15.95	39.36	1000	PASS
n78(3450-3550)	30	90	633000	1@243	DFT_256QAM	15.41	-0.02	15.39	34.59	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_QPSK	17.34	-0.02	17.32	53.95	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_QPSK	18.84	-0.02	18.82	76.21	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_QPSK	19.26	-0.02	19.24	83.95	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_QPSK	18.66	-0.02	18.64	73.11	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_16QAM	17.32	-0.02	17.30	53.70	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_16QAM	18.35	-0.02	18.33	68.08	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_16QAM	18.56	-0.02	18.54	71.45	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_16QAM	17.93	-0.02	17.91	61.80	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_64QAM	16.87	-0.02	16.85	48.42	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_64QAM	16.82	-0.02	16.80	47.86	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_64QAM	16.95	-0.02	16.93	49.32	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_64QAM	16.39	-0.02	16.37	43.35	1000	PASS
n78(3450-3550)	30	90	633000	245@0	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	90	633000	123@61	CP_256QAM	13.83	-0.02	13.81	24.04	1000	PASS
n78(3450-3550)	30	90	633000	1@1	CP_256QAM	14.06	-0.02	14.04	25.35	1000	PASS
n78(3450-3550)	30	90	633000	1@243	CP_256QAM	13.45	-0.02	13.43	22.03	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_BPSK	19.90	-0.02	19.88	97.27	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_BPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_BPSK	19.99	-0.02	19.97	99.31	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_QPSK	19.37	-0.02	19.35	86.10	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_QPSK	20.42	-0.02	20.40	109.65	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_QPSK	20.60	-0.02	20.58	114.29	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_QPSK	20.04	-0.02	20.02	100.46	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_16QAM	18.34	-0.02	18.32	67.92	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_16QAM	19.40	-0.02	19.38	86.70	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_16QAM	19.65	-0.02	19.63	91.83	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_16QAM	19.07	-0.02	19.05	80.35	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_64QAM	17.84	-0.02	17.82	60.53	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_64QAM	17.90	-0.02	17.88	61.38	1000	PASS

n78(3450-3550)	30	90	633334	1@1	DFT_64QAM	18.18	-0.02	18.16	65.46	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_64QAM	17.59	-0.02	17.57	57.15	1000	PASS
n78(3450-3550)	30	90	633334	243@0	DFT_256QAM	15.87	-0.02	15.85	38.46	1000	PASS
n78(3450-3550)	30	90	633334	120@60	DFT_256QAM	15.93	-0.02	15.91	38.99	1000	PASS
n78(3450-3550)	30	90	633334	1@1	DFT_256QAM	15.96	-0.02	15.94	39.26	1000	PASS
n78(3450-3550)	30	90	633334	1@243	DFT_256QAM	15.42	-0.02	15.40	34.67	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_QPSK	17.31	-0.02	17.29	53.58	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_QPSK	18.86	-0.02	18.84	76.56	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_QPSK	19.22	-0.02	19.20	83.18	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_QPSK	18.63	-0.02	18.61	72.61	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_16QAM	17.30	-0.02	17.28	53.46	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_16QAM	18.36	-0.02	18.34	68.23	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_16QAM	18.56	-0.02	18.54	71.45	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_16QAM	17.91	-0.02	17.89	61.52	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_64QAM	16.83	-0.02	16.81	47.97	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_64QAM	16.93	-0.02	16.91	49.09	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_64QAM	16.38	-0.02	16.36	43.25	1000	PASS
n78(3450-3550)	30	90	633334	245@0	CP_256QAM	13.80	-0.02	13.78	23.88	1000	PASS
n78(3450-3550)	30	90	633334	123@61	CP_256QAM	13.84	-0.02	13.82	24.10	1000	PASS
n78(3450-3550)	30	90	633334	1@1	CP_256QAM	14.05	-0.02	14.03	25.29	1000	PASS
n78(3450-3550)	30	90	633334	1@243	CP_256QAM	13.43	-0.02	13.41	21.93	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_BPSK	19.93	-0.02	19.91	97.95	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_BPSK	20.46	-0.02	20.44	110.66	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_BPSK	20.56	-0.02	20.54	113.24	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_BPSK	20.05	-0.02	20.03	100.69	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_QPSK	19.40	-0.02	19.38	86.70	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_QPSK	20.44	-0.02	20.42	110.15	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_QPSK	20.59	-0.02	20.57	114.02	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_QPSK	20.08	-0.02	20.06	101.39	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_16QAM	18.37	-0.02	18.35	68.39	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_16QAM	19.42	-0.02	19.40	87.10	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_16QAM	19.67	-0.02	19.65	92.26	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_16QAM	19.14	-0.02	19.12	81.66	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_64QAM	17.89	-0.02	17.87	61.24	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_64QAM	17.92	-0.02	17.90	61.66	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_64QAM	18.20	-0.02	18.18	65.77	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_64QAM	17.65	-0.02	17.63	57.94	1000	PASS
n78(3450-3550)	30	90	633666	243@0	DFT_256QAM	15.90	-0.02	15.88	38.73	1000	PASS
n78(3450-3550)	30	90	633666	120@60	DFT_256QAM	15.94	-0.02	15.92	39.08	1000	PASS
n78(3450-3550)	30	90	633666	1@1	DFT_256QAM	15.97	-0.02	15.95	39.36	1000	PASS
n78(3450-3550)	30	90	633666	1@243	DFT_256QAM	15.42	-0.02	15.40	34.67	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_QPSK	17.34	-0.02	17.32	53.95	1000	PASS

n78(3450-3550)	30	90	633666	123@61	CP_QPSK	18.87	-0.02	18.85	76.74	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_QPSK	19.20	-0.02	19.18	82.79	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_QPSK	18.74	-0.02	18.72	74.47	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_16QAM	17.33	-0.02	17.31	53.83	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_16QAM	18.38	-0.02	18.36	68.55	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_16QAM	18.55	-0.02	18.53	71.29	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_16QAM	18.07	-0.02	18.05	63.83	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_64QAM	16.85	-0.02	16.83	48.19	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_64QAM	16.96	-0.02	16.94	49.43	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_64QAM	16.50	-0.02	16.48	44.46	1000	PASS
n78(3450-3550)	30	90	633666	245@0	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	90	633666	123@61	CP_256QAM	13.86	-0.02	13.84	24.21	1000	PASS
n78(3450-3550)	30	90	633666	1@1	CP_256QAM	14.02	-0.02	14.00	25.12	1000	PASS
n78(3450-3550)	30	90	633666	1@243	CP_256QAM	13.53	-0.02	13.51	22.44	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	19.89	-0.02	19.87	97.05	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_BPSK	20.43	-0.02	20.41	109.90	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_BPSK	20.66	-0.02	20.64	115.88	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_BPSK	19.98	-0.02	19.96	99.08	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_QPSK	19.35	-0.02	19.33	85.70	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_QPSK	20.43	-0.02	20.41	109.90	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_QPSK	20.70	-0.02	20.68	116.95	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_QPSK	20.03	-0.02	20.01	100.23	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_16QAM	18.32	-0.02	18.30	67.61	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_16QAM	19.40	-0.02	19.38	86.70	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_16QAM	19.77	-0.02	19.75	94.41	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_16QAM	19.12	-0.02	19.10	81.28	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_64QAM	17.84	-0.02	17.82	60.53	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_64QAM	17.88	-0.02	17.86	61.09	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_64QAM	18.24	-0.02	18.22	66.37	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_64QAM	17.60	-0.02	17.58	57.28	1000	PASS
n78(3450-3550)	30	100	633334	270@0	DFT_256QAM	15.83	-0.02	15.81	38.11	1000	PASS
n78(3450-3550)	30	100	633334	135@67	DFT_256QAM	15.89	-0.02	15.87	38.64	1000	PASS
n78(3450-3550)	30	100	633334	1@1	DFT_256QAM	16.09	-0.02	16.07	40.46	1000	PASS
n78(3450-3550)	30	100	633334	1@271	DFT_256QAM	15.39	-0.02	15.37	34.43	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_QPSK	17.32	-0.02	17.30	53.70	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_QPSK	18.85	-0.02	18.83	76.38	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_QPSK	19.29	-0.02	19.27	84.53	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_QPSK	18.64	-0.02	18.62	72.78	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_16QAM	17.30	-0.02	17.28	53.46	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_16QAM	18.31	-0.02	18.29	67.45	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_16QAM	18.58	-0.02	18.56	71.78	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_16QAM	17.94	-0.02	17.92	61.94	1000	PASS

n78(3450-3550)	30	100	633334	273@0	CP_64QAM	16.83	-0.02	16.81	47.97	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_64QAM	16.84	-0.02	16.82	48.08	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_64QAM	17.00	-0.02	16.98	49.89	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_64QAM	16.37	-0.02	16.35	43.15	1000	PASS
n78(3450-3550)	30	100	633334	273@0	CP_256QAM	13.82	-0.02	13.80	23.99	1000	PASS
n78(3450-3550)	30	100	633334	137@68	CP_256QAM	13.85	-0.02	13.83	24.15	1000	PASS
n78(3450-3550)	30	100	633334	1@1	CP_256QAM	14.11	-0.02	14.09	25.64	1000	PASS
n78(3450-3550)	30	100	633334	1@271	CP_256QAM	13.45	-0.02	13.43	22.03	1000	PASS

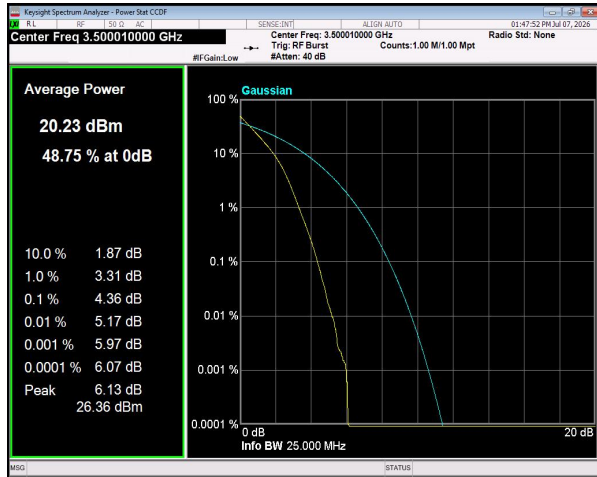
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Verdict
20(Ref.)	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-12.2	-0.00349	PASS
20	3	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.5	-0.00243	PASS
20	4.35	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-7	-0.002	PASS
-30	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-5.4	-0.00154	PASS
-20	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.9	-0.00283	PASS
-10	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-12.2	-0.00349	PASS
0	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.5	-0.00243	PASS
10	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-13.4	-0.00383	PASS
30	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-6.7	-0.00191	PASS
40	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-8.6	-0.00246	PASS
50	3.84	n78(3450-3550)	30	100	633334	270@0	DFT_BPSK	-9.9	-0.00283	PASS

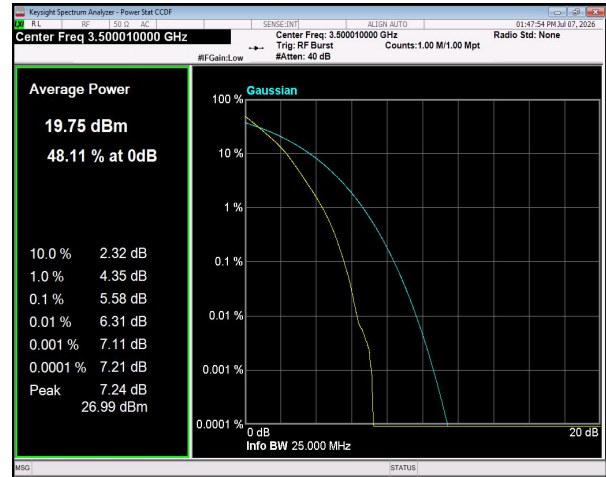
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

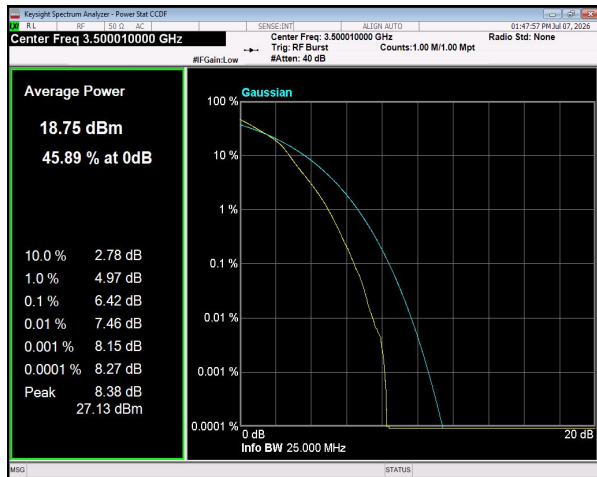
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n78(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.36	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.58	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_16QAM	6.42	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_64QAM	6.45	13	PASS
n78(3450-3550)	30	20	633334	50@0	DFT_256QAM	6.48	13	PASS



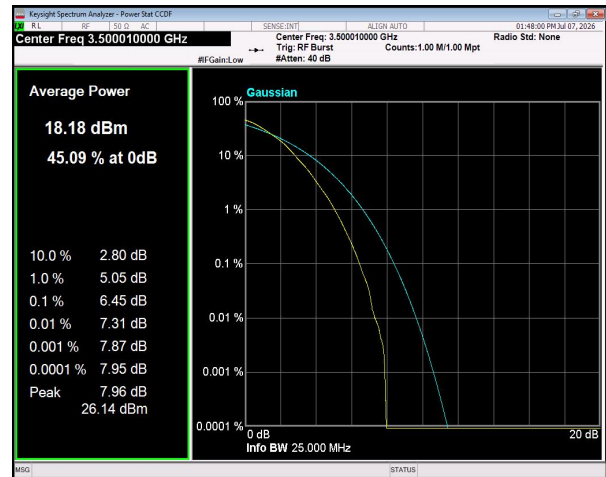
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



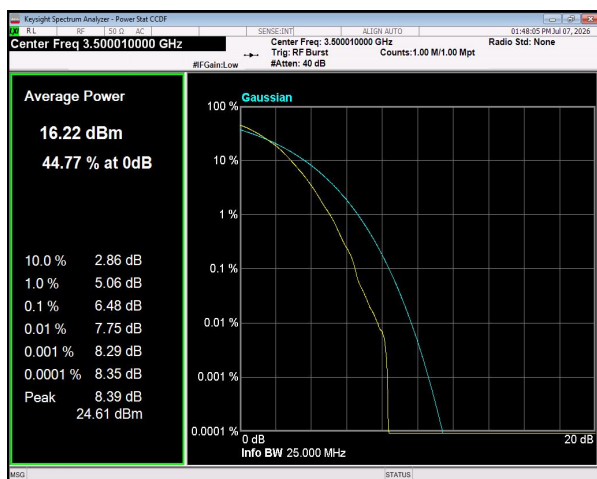
n78(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz
Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=20MHz
Channel=633334 RB=50@0



n78(3450-3550) SCS=30kHz DFT_64QAM BW=20MHz
Channel=633334 RB=50@0

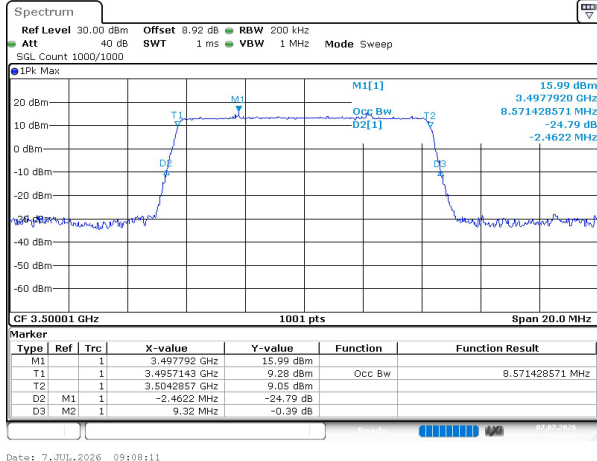


n78(3450-3550) SCS=30kHz DFT_256QAM BW=20MHz
Channel=633334 RB=50@0

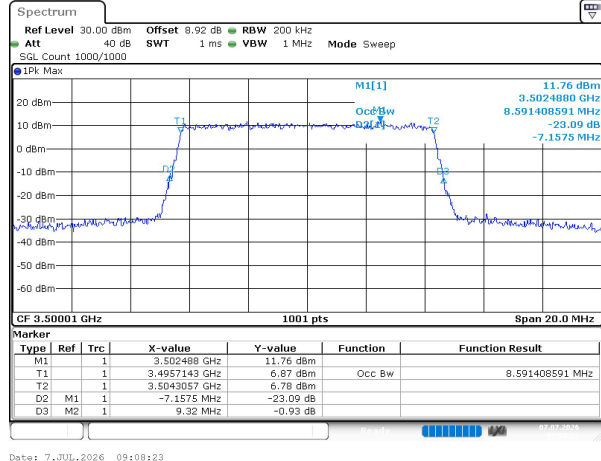
4. Occupied Bandwidth

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	10	633334	3500.01	24@0	DFT_BPSK	8.571	9.320	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_QPSK	8.591	9.320	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_16QAM	8.611	9.400	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_64QAM	8.611	9.360	PASS
n78(3450-3550)	30	10	633334	3500.01	24@0	CP_256QAM	8.591	9.380	PASS
n78(3450-3550)	30	15	633334	3500.01	36@0	DFT_BPSK	12.917	13.800	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_QPSK	13.606	14.460	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_16QAM	13.576	14.520	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_64QAM	13.636	14.490	PASS
n78(3450-3550)	30	15	633334	3500.01	38@0	CP_256QAM	13.636	14.580	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.942	19.080	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.222	19.560	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.222	19.400	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.222	19.560	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.262	19.640	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.884	38.240	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	40.480	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	37.962	40.240	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	40.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	38.042	40.320	PASS
n78(3450-3550)	30	50	633334	3500.01	128@0	DFT_BPSK	45.854	48.300	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_QPSK	47.652	50.300	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_16QAM	47.852	50.200	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_64QAM	47.652	50.100	PASS
n78(3450-3550)	30	50	633334	3500.01	133@0	CP_256QAM	47.752	50.200	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.382	62.280	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.501	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.382	62.520	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.501	63.000	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.621	62.760	PASS
n78(3450-3550)	30	70	633334	3500.01	180@0	DFT_BPSK	64.895	68.880	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_QPSK	68.112	72.380	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_16QAM	67.972	72.520	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_64QAM	68.112	72.380	PASS
n78(3450-3550)	30	70	633334	3500.01	189@0	CP_256QAM	68.252	72.380	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.363	81.920	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	78.002	82.400	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.842	82.240	PASS

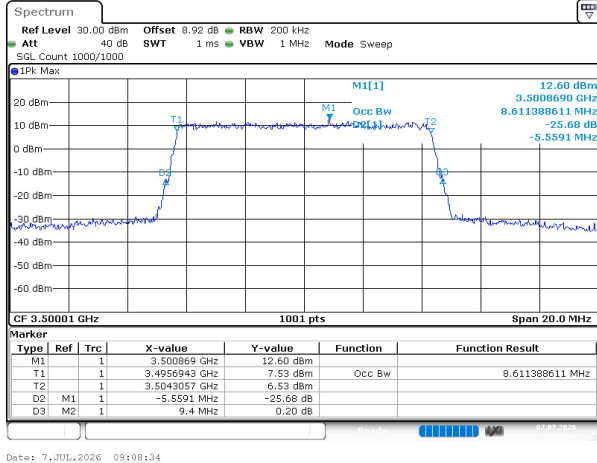
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.842	82.560	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.682	82.400	PASS
n78(3450-3550)	30	90	633334	3500.01	243@0	DFT_BPSK	87.033	91.800	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_QPSK	87.932	92.520	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_16QAM	87.932	92.700	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_64QAM	87.752	92.700	PASS
n78(3450-3550)	30	90	633334	3500.01	245@0	CP_256QAM	87.932	92.520	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.703	101.400	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.702	102.800	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.702	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.702	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.702	102.600	PASS



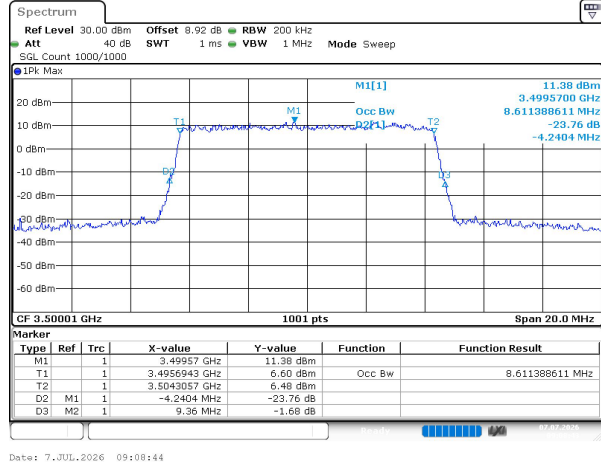
n78(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz
Channel=633334 RB=24@0



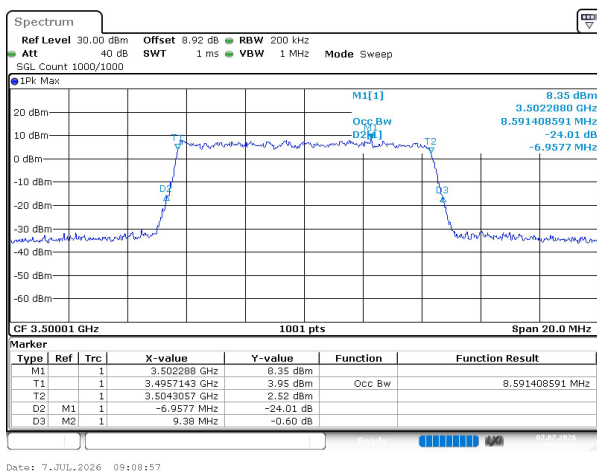
n78(3450-3550) SCS=30kHz CP_QPSK BW=10MHz
Channel=633334 RB=24@0



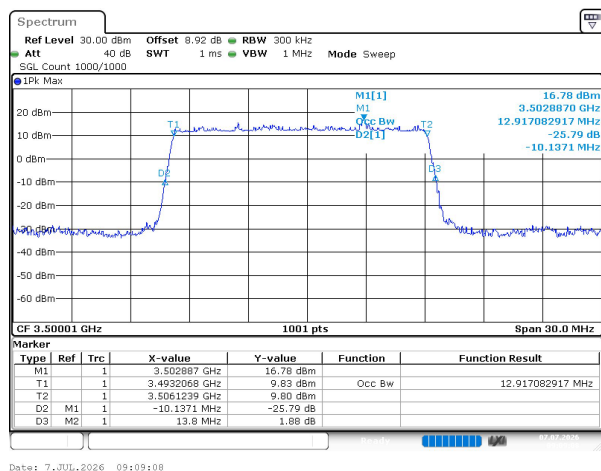
n78(3450-3550) SCS=30kHz CP_16QAM BW=10MHz
Channel=633334 RB=24@0



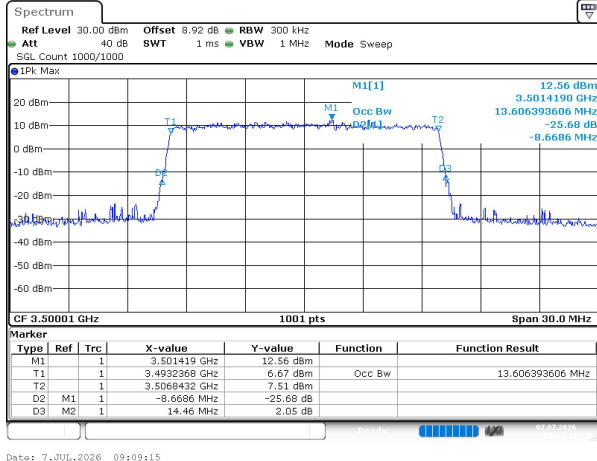
n78(3450-3550) SCS=30kHz CP_64QAM BW=10MHz
Channel=633334 RB=24@0



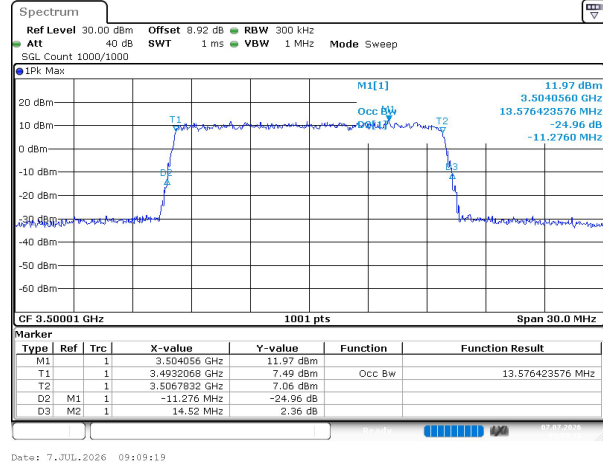
n78(3450-3550) SCS=30kHz CP_256QAM BW=10MHz
Channel=633334 RB=24@0



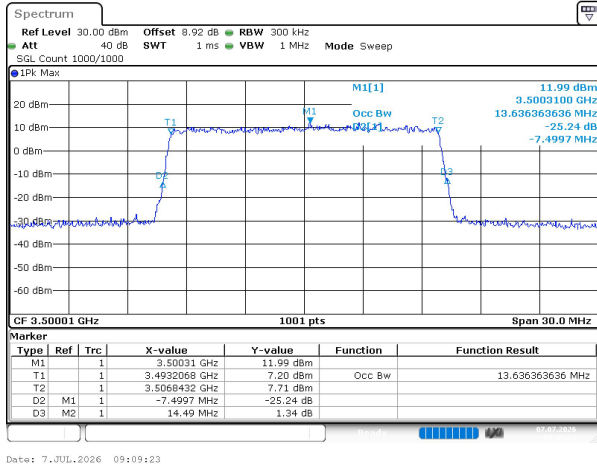
n78(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz
Channel=633334 RB=36@0



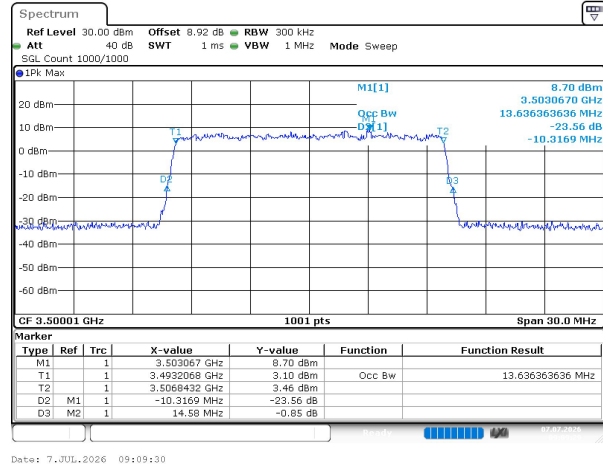
n78(3450-3550) SCS=30kHz CP_QPSK BW=15MHz
Channel=633334 RB=38@0



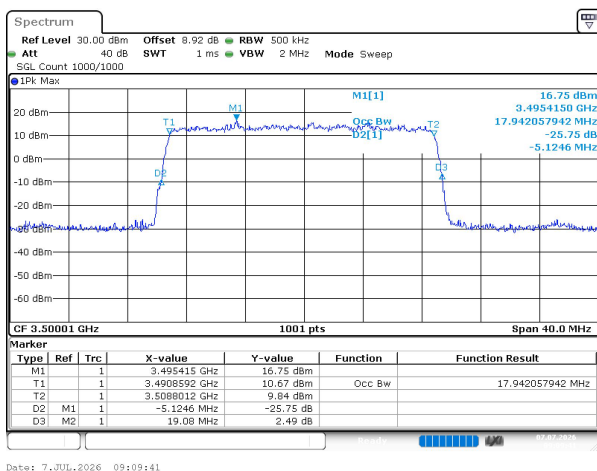
n78(3450-3550) SCS=30kHz CP_16QAM BW=15MHz
Channel=633334 RB=38@0



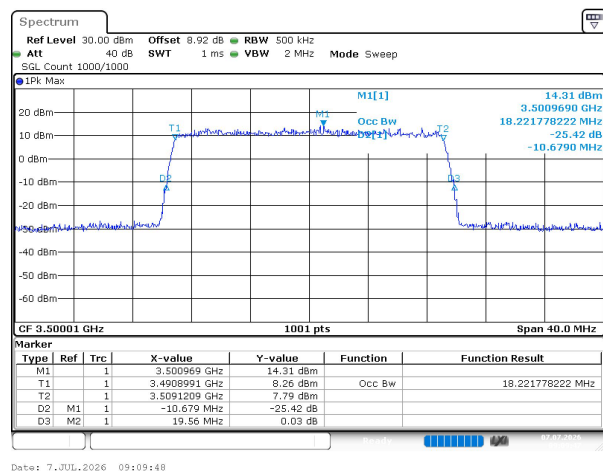
n78(3450-3550) SCS=30kHz CP_64QAM BW=15MHz
Channel=633334 RB=38@0



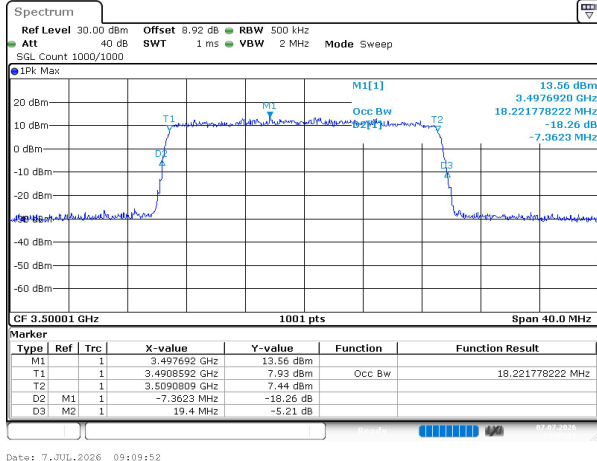
n78(3450-3550) SCS=30kHz CP_256QAM BW=15MHz
Channel=633334 RB=38@0



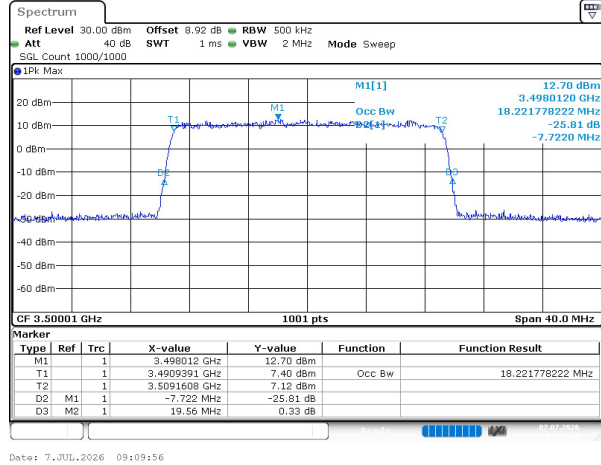
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz
Channel=633334 RB=50@0



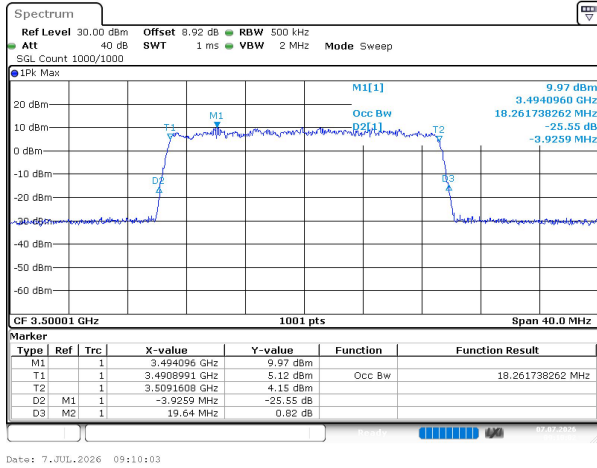
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz
Channel=633334 RB=51@0



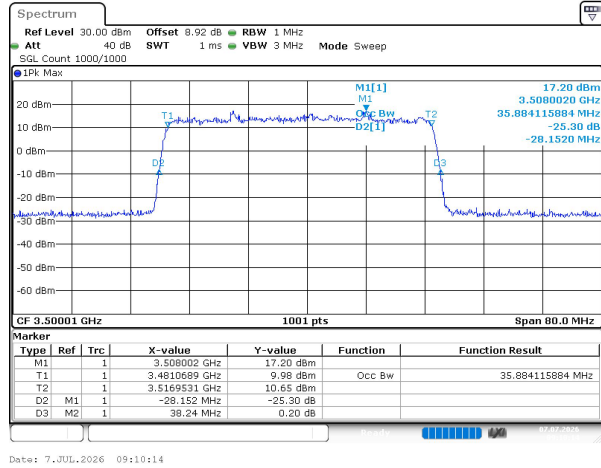
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz
Channel=633334 RB=51@0



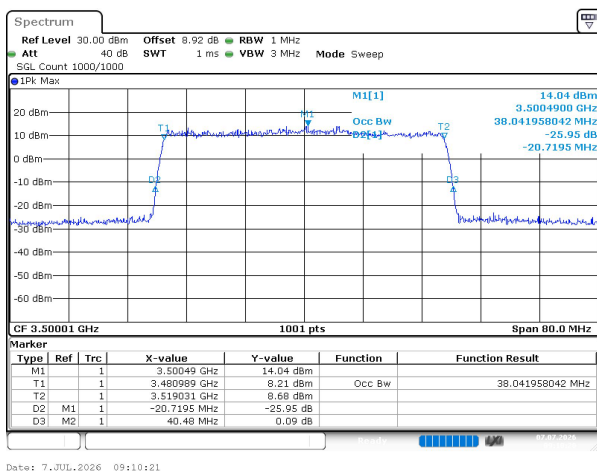
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz
Channel=633334 RB=51@0



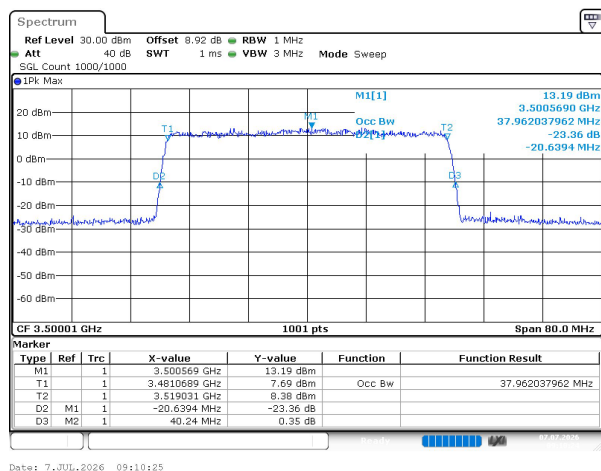
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz
Channel=633334 RB=51@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz
Channel=633334 RB=100@0



n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz
Channel=633334 RB=106@0



n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz
Channel=633334 RB=106@0